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GEOCHEMICAL - MICROFICHE SUBFILE

FILM #	PAGES		STATE
	FROM	TO	
001	1	78	TEXAS
	78	84	ARIZ
	84	84	IDAHO
	85	208	MONTANA
002	209	416	MONTANA
003	417	422	MONTANA
	422	427	NEVADA
	427	624	NEW MEXICO
004	625	650	NEW MEXICO
	650	832	N. DAKOTA
005	833	846	N. DAKOTA
	846	866	S. DAKOTA
	867	951	UTAH
	951	1040	WYOMING
006	1041	1248	WYOMING
007	1249	1456	WYOMING
008	1457	1664	WYOMING
009	1665	1872	WYOMING
010	1873	1911	WYOMING

751
801

N.D.

	①	②	③	④	⑤	⑥	⑦	⑧	⑨
PAGE	BOWMAN	ADAMS	EMMONS	HETT- INGER	SLOPE	GRANT	STARK	BILL- INGS	GOLDEN VALLEY

004

650	11								
651	1111								
652	11								
653	111								
654	11								
655	111								
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657	11								
658	11								
659	111								
660	11								
661	111								
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663	111								
664	111								
665	11								
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667	111								
✓ 668			1111						
✓ 669			1	1	11				
✓ 670				1	1	1			
671				1	1				
672					111				
673				1	1				
674					1111				
675					11				
676					11				
677					1		1		
678							111		
679							11	1	
680								111	
681								1111	
682								111	1
683								111	
684								1	11
685							11		11
686							111		
687							1111		
	44✓	1✓	5✓	4✓	17✓	1✓	15✓	15✓	5✓

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	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(2)
PAGE	STARK	BILL-INGS	GOLDEN VALLEY	BURL-EIGH	DUNN	MC KENZIE	MC LEAN	
688	III	I						
689		III						
690		III						
691		II						
692		II						
693		III						
694		III						
695		II						
696		I	I					
697			IIII					
698	I		I	I				
699	IIII							
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711	I	II						
712		II	I					
713		III						
714		II			I			
715		III						
716		III						
717					III			
718					I	II		
719						IIII		
720						III		
721					II			
722					I	II		
723					I		I	
724					I	II		
725					I	I		
	39✓	37✓	13✓	1✓	11✓	14✓	1✓	

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	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(3)
PAGE	DUNN	Mc KENZIE	Mc LEAN	MUN-TRAIL	WARD	WILL-IAMS	Mc HENRY	
726	11	I						
727		111						
728		1111						
729		111						
730		I						
731		111		I				
732		111						
733		11						
734		I		11	I			
735		111		I				
736		111						
737		111						
738		11		I				
739		111						
740		11			11			
741		111						
742		111						
743		11						
744		I			11	I		
745		I				11		
746						I		
747					1111			
748					1111			
749					111			
750					1111			
751				11	11			
752						I		
753					I	111		
754				I	111			
755						11		
756						I	11	
757					1111			
758					11			
759				11	I			
760				I		I		
761						11		
762						11		
763						111		
	21 ✓	47 ✓		11 ✓	36 ✓	19 ✓	2 ✓	

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PAGE	MUN-TRAIL	WARD	WILL-IAMS	MC HENRY	REN-VILLE	BTT-NEAU	BURKE	DIVIDE
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764

III

765

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13v

61v

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6v

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(18)

(19)

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PAGE	REN- VILLE	BTT NEAU	BURKE	DIVIDE
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802			III	
803			IIII	
804			III	
805			IIII	
806			III	
807			III	
808			II	
809			I	I
810				III
811		III		I
812		III		
813		III		
814		IIII		
815		III		
816	III	I		
817	III			
818	III			
819	III		I	
820			III	
821			IIII	
822			I	II
823		II		II
824		III		
825		IIII		
826		III		
827		IIII		
828		III		
829		IIII		
830		III		
831		III		
832		II		
833		IIII		
834		III		
835	II	II		
836	IIII			
837	IIII			
838	IIII			
839	II			
	28✓	57✓	32✓	9✓

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PAGE	REN- VILLE	BTT- NEAU	BURKE	DIVIDE
840	1		111	
841			11	1
842		11		11
843		111		
844	1	111		
845	11		1	
846			1	1
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	4✓	8✓	7✓	4✓

PET. INFO. - NORTH DAKOTA

WELLS WITH BHT'S BY COUNTY

COUNTY	No. WELLS WITH BHT'S
ADAMS	1
BOTTINEAU	95
BILLINGS	52
BOWMAN	44
BURKE	57
BURLEIGH	1
DIVIDE	19
DUNN	13
EMMONS	5
GOLDEN VALLEY	18
GRANT	1
HETTINGER	4
MC HENRY	2
MC KENZIE	61
MC LEAN	1
MOUNTRAIL	12
RENVILLE	93
SLOPE	17
STARK	54
WARD	38
WILLIAMS	32
TOTAL FOR STATE	620

35°C/hmv

<u>Fl.</u>	<u>oF</u>
9000	218
9500	227
10000	237
10500	247
11000	256
11500	266
12000	275
12500	285
13000	295

SUB FILE GEOTHERMAL LISTING

99643
51571
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S002

S003
S 005

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86569

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B&A
FRF
004

01183
154469
L

PE
994 00
B&A-0
JCFM
S003

101035
175675
L

UTH
137-00
OIL
SPRF
SS 006
S002

467-

SUB FILE GEOTHERMAL LISTING

51 004
51 005
55 006

1-1-1-1
54-1-1-1
L

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HDSN
007

523

4 OAK
801-846
END

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 2 101 NDAR **BURKE** A 1980 FNL 1980 FEL **SW NE 1/4** DO 467
102 HAWLEY JOHN B TRUST 2 FLORENCE TINGERSOHN
103 1973 KB 1961 GR Foothills NE
104 1971 OF 1963 GR P API 33-013- 00715 00
105 SPUD 08/31/1970 COMP 10/05/1970 ROTARY OIL
107 OTD 7980 PB 6500 FM/TO 306DPRW
20102 353MIDL PERF JET W/ 2/FT 6292- 6308 GROSS 004
40101 DST OI 6293- 6314 353MIDL S002
40110 GAS TS IN 10M NOT GAUGED
40131 FINAL OP 1M IFF 141 FFP 219 BHT 158F

33 N 161 W 91 2 10002 0488020210245554 0488027710245526
10010 013 00717273 27276 3411061 110352MSNC 353MIDL 6420471
10021 TWP N 161 RGE W 91 SEC 2 055TH PRINCIPAL
101 NDAR **BURKE** A 1980 FNL 660 FNL **SW NW 1/4** DO 468
102 HAWLEY JOHN B TRUST 1 THE IS
103 1972 KB 1960 GR Foothills NE
104 1968 OF 1960 GR P API 33-013- 00717 00
105 SPUD 03/16/1971 COMP 04/12/1971 ROTARY OIL
107 OTD 6420 LTD 6420 FM/TO 352MSNC
20102 353MIDL PERF JET W/ 2/FT 6342- 6352 GROSS 006
40101 DST OI 6338- 6360 353MIDL S002
40110 GAS TS IN 08M TSM
40131 FINAL OP 1M IFF 95 FFP 156 BHT 160F
50102 353MIDL PERF JET W/ 4/FT 6342- 6352 GROSS 004
50202 353MIDL PERF JET W/ 4/FT 6342- 6352 GROSS 005

33 N 161 W 91 3 10002 0487951310246614 0487906610246628
10010 013 00682273 27276 3411061 110351MSN 353MIDL 6453168
10021 TWP N 161 RGE W 91 SEC 3 055TH PRINCIPAL
101 NDAR **BURKE** A 660 FSL 1980 FEL **SW SE 1/4** DO 469
102 HAWLEY JOHN B TRUST 1 SABINE
103 1985 KB 1973 GR Foothills NE
104 1986 OF 1976 GR P LSE NO API 33-013- 00682-00
105 SPUD 11/05/1987 COMP 12/15/1987 ROTARY OIL
107 OTD 6453 LTD PB 6399 FM/TO 351MSN
20102 353MIDL PERF JET W/ 2/FT 6366- 6382
40101 DST OI 6358- 6395 353CRLS S003
40102 OVERLAPS 353MIDL
40110 GAS TS IN 35M
40131 FINAL OP 55M IFF 116 FFP 167 BHT 161F
50102 353MIDL PERF JET W/ 2/FT 6366- 6382 005
50202 353MIDL PERF JET W/ 2/FT 6366- 6382 006

33 N 161 W 91 3 10002 0488020010246634 0488026910246628
10010 013 00696273 27276 3411060 911351MSN 6408668
10021 TWP N 161 RGE W 91 SEC 3 055TH PRINCIPAL
101 NDAR **BURKE** A 2032 FNL 1982 FEL **SW SW NE 1/4** DO 470
102 HAWLEY JOHN B JR TRUST 1 RAREVAN
103 1978 KB 1966 GR Foothills NE
104 1978 ES 1969 GR P API 33-013- 00696 00

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 3 105 SPUD 04/16/1968 COMP 04/25/1968 ROTARY D&A-OG
107 OTD 6408 LTD 6387 FM/TO 351MSN
40101 DST OI 6386- 6408 353MIDL S002
40110 GAS TS IN 1M20M 3-5 FT FLARE
40131 FINAL OP 0455M IFF 94 FFP 171 BHT 165F

33 N 161 W 91 4 10002 0487952710248757 0487956810248740
10010 013 00695273 27276 3411060 911352R1VL 6500668
10021 TWP N 161 RGE W 91 SEC 4 055TH PRINCIPAL
101 NDAR **BURKE** A 660 FSL 1820 FEL **SW SE 1/4** DO
102 HAWLEY JOHN B TRUST 2 CHREST
103 1992 KB 1980 GR Foothills NE
104 1988 OF 1979 GR P API 33-013- 00695 00
105 SPUD 03/31/1968 COMP 04/11/1968 ROTARY D&A-OG
107 OTD 6500 LTD 6498 FM/TO 352R1VL
40101 DST OI 6458- 6478 353MIDL S002
40110 GAS TS IN 45M 2-3 FT FLARE

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S003

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165673

IL
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103 00
8A-06

3LBR
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148324
441076

AL
DO

193 00
OIL

GLBP
55 004

S002

152501
E00726

33 N 161 W 91 3 105 SPUD 04/16/1968 COMP 04/25/1968 ROTARY D&A-0G
107 DTG 6408 LTD 6187 FM/TO 351MDSN
40101 DST 01 6386- 6408 353MIDL S002
40110 GAS TS IN 1120M 3-5 FT FLARE
40131 FINAL OP OHSSM IFF 94 FFP 171 BHT 165F

33 N 161 W 91 4 10002 0487952710248757 04879566810248740
10010 013 00695273 27276 3411060 911352RIVL 6500668
10021 TWP N 161 RGE W 91 SEC 4 055TH PRINCIPAL
101 NDAK BURKE A 660 FSL 1820 FEL SH SW D 471
102 HAWLEY J B TRUST 2 CHEST
103 1992 KB 1980 GR Foothills NE
104 1988 OF 1979 GR P API 33-013- 00695 00
105 SPUD 03/31/1968 COMP 04/11/1968 ROTARY D&A-0G
107 DTG 6500 LTD 6498 FM/TO 352RIVL
40101 DST 01 6488- 6478 353MIDL S002
40110 GAS TS IN 45A 2-3 FT FLARE
40131 FINAL OP OHSSM IFF 115 FFP 243 BHT 167F
40201 DST 02 6486- 6500 352RIVL S003
40231 FINAL OP OHSSM IFF 38 FFP 346 BHT 165F

33 N 161 W 91 10 10002 0487879010246817 0487886110246656
10010 013 00667273 27276 9999961 110353MIDL 353MIDL 6494567
10021 TWP N 161 RGE W 91 SEC 10 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 2140 FEL SH SW D DO 472
102 HAWLEY J B TRUST 2 GERMART GULLICKSON
103 2000 KB 1988 GR FOOT HILLS NE
104 1999 OF 1990 GR P API 33-013- 00667 00
105 SPUD 02/26/1967 COMP 04/19/1967 ROTARY OIL
107 DTG 6494 PB 6440 FM/TO 353MIDL
20102 353MIDL PERF W/ 2/FT 6407- 6415 005
40101 DST 01 6406- 6424 353MIDL S002
40110 GAS TS IN 1M10M
40131 FINAL OP OHSSM IFF 86 FFP 150 BHT 160F
50102 353MIDL PERF W/ 2/FT 6407- 6415 004

33 N 161 W 91 10 10002 0487807610246788 0487814810246668
10010 013 00668273 27276 9999961 110351MDSN 351MDSN 6520567
10021 TWP N 161 RGE W 91 SEC 10 055TH PRINCIPAL
101 NDAK BURKE A 760 FSL 1980 FEL SH SW D DO 473
102 HAWLEY J B TRUST 1 GULLICKSON A
103 2027 KB FOOT HILLS NE
104 2020 ES 2011 GR P API 33-013- 00668 00
105 SPUD 03/12/1967 COMP 03/29/1967 ROTARY OIL
107 DTG 6520 PB 6470 FM/TO 351MDSN
20102 351MDSN PERF JET W/ 2/FT 6436- 6442 005
40101 DST 01 6432- 6450 351MDSN S002
40110 GAS TS IN 11M
40131 FINAL OP OHSSM IFF 86 FFP 150 BHT 164F
50102 351MDSN PERF JET W/ 2/FT 6436- 6442 004

33 N 161 W 91 10 10002 0487845710247133 0487801010247070
10010 013 00746273 27276 3411061 110351STTA 353MIDL 6525776
10021 TWP N 161 RGE W 91 SEC 10 066TH PRINCIPAL
101 NDAK BURKE A 1980 FSL 1980 FNL C NE SW D DO
102 HAWLEY J B TRUST 2 ARLENE CHEST
103 2026 KB 2016 GR Foothills NE
104 API 33 013 00746 00
105 SPUD 05/23/1976 COMP 07/09/1976 ROTARY OIL
107 DTG 6525 FM/TO 351STTA
20102 353MIDL PERF W/ 4/FT 6440- 6454 GROSS 004
40101 DST 01 6434- 6454 353MIDL S002
40102 OVERLAPS 353BRNSL
40110 GAS TS IN 18M
40131 FINAL OP OHSSM IFF 573 FFP 1083 BHT 162F

06/08/78

PETROLEUM INFORMATION CORP

PAGE 803

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 10 10002 0487845710247133 0487801010247070
10010 013 00746273 27276 3411061 110351STTA 353MIDL 6525776
10021 TWP N 161 RGE W 91 SEC 10 066TH PRINCIPAL
101 NDAK BURKE A 1980 FSL 1980 FNL C NE SW D DO 474
102 HAWLEY J B TRUST 2 ARLENE CHREST
103 2026 KB 2016 GR Foothills NE
104 API 33 013 00746 00
105 SPUD 05/23/1976 COMP 07/09/1976 ROTARY OIL
107 DTD 6525 FM/TO 351STTA
20102 353MIDL PERF W/ 4/FT 6440- 6454 GROSS 004
40101 DST 01 6434- 6454 353MIDL 5002
40102 OVERLAPS 353BRNSL
40110 GAS TS IN 18M
40131 FINAL OP QM55M IFF 573 FFP 1083 BHT 162F

33 N 161 W 91 10 10002 0487918510247154 0487873210247134
10010 013 00773273 27276 3411061 110351STTA 353MIDL 6490677
10021 TWP N 161 RGE W 91 SEC 10 055TH PRINCIPAL
101 NDAK BURKE A 660 FNL 1980 FNL C NE NW D DO 475
102 HAWLEY J B JR TRUST 3 GEMART BULLICKSON
103 1987 KB 1976 GR Foothills NE
104 API 33 013 00773 00
105 SPUD 04/22/1977 COMP 06/07/1977 ROTARY OIL
107 DTD 6490 FM/TO 351STTA
20102 353MIDL PERF 6384- 6404 353BRNSL 6387- 6401 GROSS 005
40101 DST 01 6384- 6404 353BRNSL 5002
40102 OVERLAPS 353MIDL 6394
40131 FINAL OP 1M IFF 113 FFP 141 BHT 166F
40201 DST 02 6404- 6420 353MIDL 5003
40231 FINAL OP 1M IFF 94 FFP 94 BHT 166F

33 N 161 W 91 10 10002 0488770710246297 0488740810246251
10010 013 00778273 27276 3411061 110351STTA 353MIDL 6474J77
10021 TWP N 161 RGE W 91 SEC 10 055TH PRINCIPAL
101 NDAK BURKE A 660 FNL 710 FEL W2 NE NW D DO 476
102 HAWLEY J B TRUST 4 GEMART BULLICKSON
103 1992 KB 1979 GR Foothills NE
104 API 33 013 00778 00
105 SPUD 10/13/1977 COMP 10/31/1977 ROTARY OIL
107 DTD 6474 PB 6385 FM/TO 351STTA
20102 353MIDL PERF W/ 2/FT 6372- 6385 GROSS 004
40101 DST 01 6371- 6389 353BRNSL 5002
40102 OVERLAPS 353MIDL
40110 GAS TS IN 28M /NO GAUGE/
40131 FINAL OP 1M IFF 149 FFP 149 BHT 163F

33 N 161 W 91 11 10002 0487881110244469 0487883410244477
10010 013 00673273 27276 9999961 110353MIDL 353MIDL 6420867
10021 TWP N 161 RGE W 91 SEC 11 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 1980 FEL SW NE D DO 477
102 HAWLEY J B TRUST 1 STELLA SPITSE

06/08/78

PETROLEUM INFORMATION CORP

PAGE 804

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 11 103 1985 KB 1973 GR Foothills NE
104 1982 DF 1973 GR P API 33-013- 00673 00
105 SPUD 06/10/1967 COMP 06/30/1967 ROTARY OIL
107 DTD 6420 FM/TO 353MIDL
20102 353MIDL PERF JET W/ 2/FT 6332- 6346 004
40101 DST 01 6329- 6348 353MIDL 5002
40110 GAS TS IN 00M BURNED 8-10 FT FLARE
40131 FINAL OP QM55M IFF 130 FFP 182 BHT 164F

33 N 161 W 91 11 10002 0488697510245032 0488668310244995
10010 013 00790273 27276 3411061 110351RDSN 353MIDL 6472178
10021 TWP N 161 RGE W 91 SEC 11 055TH PRINCIPAL
101 NDAK BURKE A 1980 FSL 1980 FNL C NE SW D DO
102 HAWLEY JOHN B JR 3 DOE
103 2000 KB 1987 GR Foothills NE
API 33 013 00790 00

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SS 008
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1151904
1380575
PAL
10 WOE
1551-00
OIL
3MILL
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06/08/78

K 14
PETROLEUM INFORMATION CORP

PAGE 804

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 11 103 1985 KB 1973 GR Foothills NE
104 1982 DF 1973 GR P API 33-013- 00673 00
105 SPUD 06/10/1967 COMP 06/30/1967 ROTARY OIL
107 DTD 6420 FM/TO 353MIDL
20102 353MIDL PERF JET W/ 2/FT 6332- 6346 004
40101 DST 01 6329- 6348 353MIDL S002
40110 GAS TS IN 30M BURNED 8-10 FT FLARE
40131 FINAL OP OH55M IFP 130 FFP 182 BHT 164F

33 N 161 W 91 11 10002 0488697510245032 0488669310244995
10010 013 00790273 27276 3411061 110351MDSN 353MIDL 6472178
10021 TWP N 161 RGE W 91 SEC 11 055TH PRINCIPAL
101 NDAK BURKE A 1980 FSL 1980 FNL C NE SW DO 478
102 HAWLEY JOHN B JR 3 DOE
103 2000 KB 1987 GR Foothills NE
104 API 33 013 00790 00
105 SPUD 10/24/1977 COMP 01/05/1978 ROTARY OIL
107 DTD 6472 PB 6424 FM/TO 351MDSN
20102 353MIDL PERF W/ 4/FT 6372- 6382 GROSS 004
40101 DST 01 6358- 6375 353BRNSL S002
40102 OVERLAPS 353MIDL 63CC
40131 FINAL OP 1M IFP 93 FFP 111 BHT 167F

33 N 161 W 91 11 10002 0487918710243865 0487874310243851
10010 013 00791273 27276 3411061 110351MDSN 351MDSN 6410178
10021 TWP N 161 RGE W 91 SEC 11 055TH PRINCIPAL
101 NDAK BURKE A 660 FNL 660 FEL C NE NE DO 479
102 HAWLEY JOHN B JR 2 SP188F
103 1980 KB 1967 GR Foothills NE
104 API 33 013 00791 00
105 SPUD 11/05/1977 COMP 12/02/1977 ROTARY OIL
107 DTD 6410 PB 6352 FM/TO 351MDSN
20102 351MDSN PERF W/ 4/FT 6315- 6328 GROSS 004
40101 DST 01 6311- 6329 M1SRUNS002
40131 BHT 158F

33 N 161 W 91 12 10002 0487874910243338 0487882510243281
10010 013 00067273 27276 9999961 110351STTA 353MIDL 6374967
10021 TWP N 161 RGE W 91 SEC 12 055TH PRINCIPAL
101 NDAK BURKE A 2080 FNL 660 FNL C SW NE DO 480
102 HAWLEY J B TRUST 1-A KISTEER
103 1973 KB Foothills NE
104 1972 DF 1963 GR P API 33-013- 00067 00
105 SPUD 07/23/1967 COMP 09/15/1967 ROTARY OIL
107 DTD 6374 LTD 6370 PB 6323 FM/TO 351STTA
20102 353MIDL PERF JET W/ 2/FT 6293- 6308 006
40101 DST 01 6292- 6310 353MIDL S002
40110 GAS TS IN 10M NO GAUGE
40131 FINAL OP OH55M IFP 102 FFP 167 BHT 162F
50102 353MIDL PERF JET W/ 2/FT 6293- 6308 004
50202 353MIDL PERF JET W/ 2/FT 6293- 6308 005

06/08/78

L 14
PETROLEUM INFORMATION CORP

PAGE 805

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 12 10002 0487878410242291 0487882410242305
10010 013 00684273 27276 3411061 110351STTA 353MIDL 6335168
10021 TWP N 161 RGE W 91 SEC 12 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 1980 FEL C SW NE DO
102 HAWLEY J B TRUST 1 ABBRIEN
103 1977 KB 1965 GR Foothills NE
104 1969 ES 1959 GR P API 33-013- 00684 00
105 SPUD 11/17/1967 COMP 12/26/1967 ROTARY OIL
107 DTD 6335 FM/TO 351STTA
20102 353MIDL PERF JET W/ 2/FT 6259- 6273 008
40101 DST 01 6258- 6276 353MIDL S002
40110 GAS TS IN 30M BURNED 5 FT FLARE
40131 FINAL OP OH55M IFP 85 FFP 110 BHT 197F

SUB FILE GEOTHERMAL LISTING

69-00
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S002

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03 00
M&A
SSP
S002

175514
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487-00
OIL
SHRD
006
S003

005

1169557
355775
AL
10 HO

PARK
3591-00
O&A-06
SMALL
S063

SUB FILE GEOTHERMAL LISTING

0177643
4925076
PAL
NO HO

COULEE
0667-00
O&A-06
1PMON
FUN 004
S005

0177645
S000
PAL

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 12 10002 0487878410242291 0487882410242305
10010 013 00684273 27276 3411061 110351STTA 353MIDL 6335168
10021 TWP N 161 RGE W 91 SEC 12 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 1980 FEL C NH DO 481
102 HAWLEY J B TRUST 1 OAPTEN
103 1977 KB 1965 GR Foothills NE
104 1969 ES 1959 GR P API 33-013- 00684 00
105 SPUD 11/17/1967 COMP 12/26/1967 ROTARY OIL
107 DTD 6335 FM/TO 351STTA
20102 353MIDL PERF JET W 2/FT 6259- 6273 008
40101 DST 01 6258- 6276 353MIDL 6267 S002
40110 GAS TS IN 30M BURNED 5 FT FLARE
40131 FINAL OP QM55M IFF 85 FFP 110 BHT 197F
50102 353MIDL PERF JET W 2/FT 6259- 6273 004
50202 353MIDL PERF JET W 2/FT 6259- 6273 005
50302 353MIDL PERF JET W 2/FT 6259- 6273 006
50402 353MIDL PERF JET W 2/FT 6259- 6273 007

44.2 °C/km

33 N 161 W 91 14 10002 0487753210244179 0487757110244180
10010 013 00710273 27276 3411060 900352R1VL 654869
10021 TWP N 161 RGE W 91 SEC 14 055TH PRINCIPAL
101 NDAK BURKE A 1320 FNL 1320 FEL C NH D 482
102 HAWLEY J B TRUST 1 PAUL CHRISTENSEN
103 2027 KB 2016 GR Foothills NE
104 2025 DF 2016 GR P API 33-013- 00710 00
105 SPUD 07/29/1969 COMP 08/11/1969 ROTARY D&A
107 DTD 6546 LTD 6539 FM/TO 352R1VL
40101 DST 01 6484- 6507 353MIDL MISRUN 002
40201 DST 02 6484- 6507 353MIDL MISRUN 003
40301 DST 03 6482- 6526 353MIDL 004
40302 OVERLAPS 352R1VL
40331 FINAL OP 2H IFF 54 FFP 121 BHT 160F

33 N 161 W 91 15 10002 0487753610247553 0487760010247471
10010 013 00676273 27276 9999961 110351STTA 353MIDL 6586967
10021 TWP N 161 RGE W 91 SEC 15 055TH PRINCIPAL
101 NDAK BURKE A 1300 FNL 1233 FNL C NH DO 483
102 HAWLEY J B TRUST 1 HALL
103 2050 KB 2038 GR Foothills NE
104 2045 ES 2036 GR P API 33-013- 00676 00
105 SPUD 07/09/1967 COMP 08/02/1967 ROTARY OIL
107 DTD 6586 PB 6514 FM/TO 351STTA
20102 353MIDL PERF JET W 2/FT 6506- 6510 005
40101 DST 01 6502- 6520 353MIDL 6512 S002
40131 FINAL OP QM55M IFF 60 FFP 124 BHT 170F FAIR BLOW

35.0 °C/km

33 N 161 W 91 15 10002 0487752610246397 0487758910246372
10010 013 00709273 27276 3411061 110353FRBR 353MIDL 6591869
10021 TWP N 161 RGE W 91 SEC 15 055TH PRINCIPAL
101 NDAK BURKE A 1320 FNL 1320 FEL C NH DO 484
102 HAWLEY J B TRUST 1 GULLTSON BND

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 15 103 2044 KB 2033 GR Foothills NE
104 2040 ES 2032 GR P API 33-013- 00709 00
105 SPUD 07/09/1969 COMP 08/06/1969 ROTARY OIL
107 DTD 6591 LTD 6591 FM/TO 353FRBR
20102 353MIDL PERF JET W 4/FT 6481- 6493 GROSS 006
40101 DST 01 6480- 6502 353MIDL S002
40110 GAS TS IN 14M NO GAUGE
40131 FINAL OP 1H IFF 195 FFP 322 BHT 168F
40201 DST 02 6506- 6532 352R1VL S003
40231 FINAL OP 1H IFF 56 FFP 94 BHT 168F
50102 353MIDL PERF JET W 4/FT 6481- 6493 GROSS 005

33 N 161 W 91 17 10002 0487752710251857 0487746510251767
10010 013 00725273 27276 3411060 711352MSMC 6750872
10021 TWP N 161 RGE W 91 SEC 17 055TH PRINCIPAL
101 NDAK BURKE A 1320 FNL 1320 FNL C NH C D

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S005

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SHRD
JN 003
S004

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AL
DO

PARK
435 00
OIL
MDSN
SS 007
C002

SS 004
SS 005
SS 006

1221912
3860469
AL
WF

170F
D&I
1MDSN

06/08/78

33 N 161 W 91 15 103 2044 KB 2033 GR FOOTHILLS NE
104 2040 ES 2032 GR P API 33-013- 00709 00
105 SPUD 07/09/1969 COMP 08/06/1969 ROTARY OIL
107 DTD 6591 LTD 6591 FM/TO 353FRB
20102 353M1DL PERF JET W/ 4/FT 6481- 6493 GROSS 006
40101 DST 01 6480- 6502 353M1DL S002
40110 GAS TS IN 14M NO GAUGE
40131 FINAL OP 1H IFP 198 FFP 322 BHT 168F
40201 DST 02 6506- 6532 352R1VL S003
40231 FINAL OP 1H IFP 56 FFP 24 BHT 168F
50102 353M1DL PERF JET W/ 4/FT 6481- 6493 GROSS 005

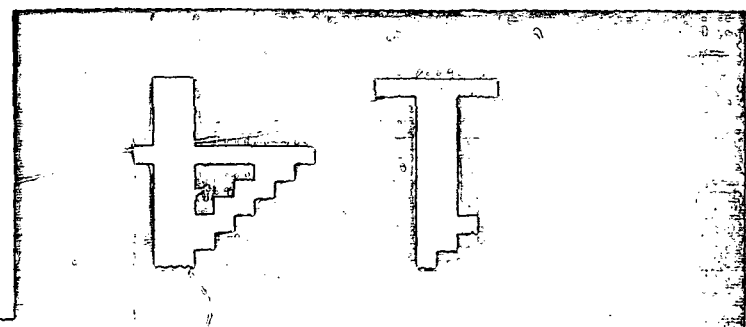
33 N 161 W 91 17 10002 0487752710251857 0487746510251767
10010 013 00725273 27276 3411060 711352MSNC 6750872
10021 TWP N 161 RGE W 91 SEC 17 055TH PRINCIPAL
101 NDAK BURKE A 1320 FNL 1320 FNL NH: C D 485
102 MAWLEY JOHN B TRUST 1 NORDEEN GULLICKSON
103 2094 KB 2083 GR P LSE NO FOOTHILLS NE
104 2091 DF 2031 GR P API 33-013- 00725-00
105 SPUD 06/27/1972 COMP 08/01/1972 ROTARY TA-0G
107 DTD 6750 LTD 6747 FM/TO 352MSNC
40101 DST 01 6622- 6651 353M1DL S002
40110 GAS TS IN 50M 2ND OP
40131 FINAL OP 1H IFP 82 FFP 194 BHT 168F
40201 DST 02 6654- 6678 353N5SN S003
40231 FINAL OP 1H IFP 44 FFP 63 BHT 168F
50102 353N5SN PERF JET W/ 2/FT 6652- 6658 005
50202 353M1DL PERF JET W/ 2/FT 6629- 6632 006

33 N 161 W 91 18 10002 0487731110254252 0487724710254245
10010 013 00706273 27276 3411061 110351STTA 353N5SN 6775J74
10021 TWP N 161 RGE W 91 SEC 18 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 660 FNL SN NH DO 486
102 MAWLEY JOHN B TRUST 1-C RANDEEN
103 2109 KB FOOTHILLS NE
104 2106 DF 2097 GR P LSE NO API 33-013- 00706-00
105 SPUD 09/21/1974 COMP 10/30/1974 ROTARY OIL
107 DTD 6775 PB 6735 FM/TO 351STTA
20102 353N5SN PERF JET W/ 2/FT 6700- 6711 GROSS 005
20150 WTR
40101 DST 01 6674- 6694 353M1DL S002
40110 GAS TS IN 50M 6654
40131 FINAL OP 1H IFP 118 FFP 212 BHT 177F
40201 DST 02 6698- 6720 353N5SN S003
40210 GAS TS IN 32M TSTM
40231 FINAL OP 1H IFP 51 FFP 108

33 N 161 W 92 16 10002 0487735510261495 0487735410261615
10010 013 00660273 9999950 911351MDSN 7320966
10021 TWP N 161 RGE W 92 SEC 16 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 660 FEL SE NE WF 487

36.0 °C / km

RH	INDEX
A	33 N 161 W 79 20
B	33 N 161 W 80 1
C	33 N 161 W 82 33
D	33 N 161 W 85 4
E	33 N 161 W 86 16
F	33 N 161 W 87 13
G	33 N 161 W 90 6
H	33 N 161 W 91 2
I	33 N 161 W 91 3
J	33 N 161 W 91 10
K	33 N 161 W 91 11
L	33 N 161 W 91 12
M	33 N 161 W 91 15



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40131
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40101
40201
40231
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WF
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1004

06/08/78

PAGE 807

SUB FILE GEOTHERMAL LISTING

33 N 161 W 92 16 102 WHITEHALL WESTERN ETAL 1 STATE OF NDAK
103 2365 KB 2355 GR WILDCAT
104 2362 OF 2355 GR P API 33-013- 00660 00
105 SPUD 08/23/1966 COMP 09/06/1966 ROTARY D&A-OG
107 DTD 7320 FM/TO 351MDSN
40101 DST 01 7145- 7166 352RIVL S002
40131 FINAL OP 2H IFF 59 FFP 96 BMT 176F

33 N 161 W 92 22 10002 0487518210260424 0487518410260477
10010 013 00663273 27274 9999960 901351MDSN 7350K66
10021 TWP N 161 RGE W 92 SEC 22 055TH PRINCIPAL
101 NDAK BURKE A 760 FSL 1940 FHL SE SH D 488
102 HAWLEY B TRUST 1 SMITH-WILSON
103 2456 KB 2444 GR FOOT HILLS
104 2447 OF 2438 GR P API 33-013- 00663 00
105 SPUD 11/09/1966 COMP 11/24/1966 ROTARY D&A-OG
107 DTD 7350 LTD 7350 FM/TO 351MDSN
40101 DST 01 7268- 7290 352RIVL MICRUM 002
40201 DST 02 7268- 7290 352RIVL S003
40231 FINAL OP 1H IFF 43 FFP 131 BMT 175F

33 N 161 W 92 35 10002 0487333510257526 0487332610257562
10010 013 00713273 27274 9999960 911351STTA 7354570
10021 TWP N 161 RGE W 92 SEC 35 055TH PRINCIPAL
101 NDAK BURKE A 660 FNL 1980 FEL C NH NE D 489
102 MOUNTAIN MINERALS 1 ANDERSON
103 2419 KB 2407 GR FOOTHILLS
104 2415 OF 2407 GR P LSE NO API 33-013- 00713-00
105 SPUD 11/21/1969 COMP 12/05/1969 ROTARY D&A-OG
107 DTD 7354 FM/TO 351STTA
40101 DST 01 7262- 7307 352RIVL 7284 S003
40131 FINAL OP 2H IFF 73 FFP 281 BMT 186F
40201 DST 02 7266- 7282 352RIVL S004
40231 FINAL OP 2H IFF 54 FFP 140 BMT 178F

35.3°C / km

33 N 161 W 93 1 10002 0487944010269599 0487938510269554
10010 013 00789273 99999 8903010 911351MDSN 6999178
10021 TWP N 161 RGE W 93 SEC 1 055TH PRINCIPAL
101 NDAK BURKE A 660 FSL 660 FHL C SH SH NO WO 490
102 TEXAKOTA INC 1 HOLLER
103 2216 KB 2205 GR UNNAMED
104 API 33 013 00789 00
105 SPUD 12/27/1977 COMP 01/14/1978 ROTARY D&A-OG
107 DTD 6990 LTD 6999 FM/TO 351MDSN
40101 DST 01 6900- 6916 351MDSN S002
40102 OVERLAPS 353MIDL
40131 FINAL OP 1H30M IFF 118 FFP 268 BMT 170F
40201 DST 02 6940- 6948 353MIDL S003
40231 FINAL OP 1H IFF 290 FFP 118

33 N 161 W 93 10 10002 0487805010272505 0487807010272428

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175
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1-00
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1002

06/08/78

PAGE 803

SUB FILE GEOTHERMAL LISTING

33 N 161 W 93 10 10010 013 00674273 8325050 911351MDSN 7370967
10021 TWP N 161 RGE W 93 SEC 10 055TH PRINCIPAL
101 NDAK BURKE A 660 FSL 820 FEL SE SE WF WF
102 WILHITE J J ETAL 1 ELSIE THINGVOLD
103 2437 KB 2429 GR WILDCAT
104 2435 ES 2426 GR P API 33-013- 00674 00
105 SPUD 06/22/1967 COMP 07/12/1967 ROTARY D&A-OG
107 DTD 7370 LTD 7367 FM/TO 351MDSN
40101 DST 01 7283- 7320 351MDSN S003
40110 GAS TS IN 40M BURNED W/3-4 FT FLARE
40131 FINAL OP 2H IFF 100 FFP 264 BMT 170F

33 N 161 W 93 10 10002 0487378310293387 0487373210293284

06/08/78

PETROLEUM INFORMATION

C O R P

SUB FILE GEOTHERMAL LISTING

33 N 161 W 93 10 10010 013 00674273 8325050 911351MDSN 7370967
 10021 TWP N 161 RGE W 93 SEC 10 055TH PRINCIPAL
 101 NDAK BURKE A 660 FSL 820 FEL SE SE 491
 102 WILHITE J ETAL 1 ELSIE THINGVOLD
 103 2437 KB 2429 GR WILDCAT
 104 2435 ES 2426 GR P API 33-013- 00674 00
 105 SPUD 06/22/1967 COMP 07/12/1967 ROTARY D&A-OG
 107 DTD 7370 LTD 7367 FM/TO 351MDSN
 40101 DST 01 7283- 7320 351MDSN S003
 40110 GAS TS IN 4UM BURNED 4/3-4 FT FLARE
 40131 FINAL OP 2H 1FP 100 FFP 264 BHT 170F 0

33 N 161 W 94 30 10002 0487378310293387 0487373210293284
 10010 013 00749273 80660 9965061 1102090DVC 203RDRV 12250977
 10021 TWP N 161 RGE W 94 SEC 30 055TH PRINCIPAL
 101 NDAK BURKE A 990 FSL 1750 FHL NH SE SW 492
 102 HOME PETROLEUM CORP 1 SUNFLOT-HEATS
 103 2459 KB 2441 GR STONEVIEW
 104 2441 DF 2434 P API 33 013 00749 00
 105 SPUD 11/03/1976 COMP 11/19/1976 ROTARY OIL
 107 DTD 12250 PB 12050 FM/TO 2090DVC
 20102 203RDRV PERF W/ 2/FT 12110-12128 012
 40101 DST 01 7700- 7718 351MDSN 002
 40131 FINAL OP 1H 1FP 117 FFP 130 BHT 204F
 40201 OST 02 8840- 8900 3518KKN S003
 40210 GAS TS IN OH23M 20-25 FT FLARE 0
 40231 FINAL OP 1H 1FP 155 FFP 331 BHT 208F
 40301 OST 03 8930- 8995 3518KKN S004
 40302 OVERLAPS 306TRFK
 40331 FINAL OP 1H 1FP 79 FFP 79 BHT 208F
 40401 DST 04 9210- 9230 306NSKU 005
 40431 FINAL OP 1H 1FP 30 FFP 56 BHT 210F
 40501 DST 05 9430- 9475 306OPRW 9452 S006
 40531 FINAL OP 1H 1FP 206 FFP 434 BHT 230F
 40601 DST 06 9586- 9648 306OPRW 9617 S007
 40631 FINAL OP 2H 1FP 535 FFP 1187 BHT 238F
 40701 OST 07 10720-10745 302WPGS S008
 40710 GAS TS IN OH20M /NO GAUGE/
 40731 FINAL OP 2H 1FP 131 FFP 294 BHT 240F
 40801 DST 08 11070-11145 251TRLK S009
 40831 FINAL OP 2H 1FP 113 FFP 367 BHT 244F
 40901 DST 09 12100-12140 203RDRV S010
 40910 GAS TS IN OH13M AT 3 MCFD /3.5/ 3/4 CK
 40911 GAS TS IN AT 2 MCFD /2.2/ 5/8 CK
 40912 GAS TS IN OH01M AT 2 MCFD /2.5/
 40913 GAS TS IN OH02M AT 3 MCFD /2.8/
 40914 GAS TS IN OH04M AT 3 MCFD /3.1/
 40915 GAS TS IN OH07M AT 3 MCFD /3.4/
 40916 GAS TS IN OH08M AT 4 MCFD /3.6/
 40917 GAS TS IN OH09M AT 4 MCFD
 40918 GAS TS IN OH10M AT 4 MCFD /4.2/

35.7°C/hm
36.6°C/hm

06/08/78

PETROLEUM INFORMATION, CORP

SUB FILE GEOTHERMAL LISTING

33 N 161 W 94 30 40931 FINAL OP OH10M 1FP 1510 FFP 1855 BHT 256F
 33 N 161 W 94 31 10002 0487330310293123 0487323110293166
 10010 013 00722273 80660 6040031 110203RDRV 302WPGS 12400J72
 10021 TWP N 161 RGE W 94 SEC 31 055TH PRINCIPAL
 101 NDAK BURKE A 660 FNL 1974 FHL NE NW WD WDD
 102 NO AMERICAN ROYALTIES 1 HOLTE-BANK OF NDAK
 103 2439 KB 2427 GR STONEVIEW
 104 API 33 013 00722 00
 105 SPUD 02/06/1972 COMP 07/17/1972 ROTARY OIL
 107 DTD 12400 FM/TO 203RDRV
 20102 302WPGS PERF 10714-10722 020
 40101 DST 01 8840- 8968 3518KKN S002
 40110 GAS TS IN 8M NO GAUGE
 40131 FINAL OP 2H 1FP 100 FFP 264 BHT 170F

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1468
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1163
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AL
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3961
5074
DO
8-00
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007
5002
5003
5004
00F

242
0168
D
13-20
6-06
EL
5003
5004
11804
10370

33 N 161 W 94 30 40931 FINAL OP OH10M IFP 1510 FFP 1855 BHT 256F
33 N 161 W 94 31 10002 0487330310293123 0487323110293166
10010 013 00722273 80660 6040031 110203RDRV 302HPGS 12400.72
10021 TWP N 161 RGE W 94 SEC 31 055TH BRN PRINCIPAL
101 NDAK DIVIDE A 660 FNL 1974 FHL 10000.00 WDD 493
102 NO AMERICAN ROYALTIES 1 MONTHLY PAY OF NDAK
103 2439 KB 2427 GR STONEVIEW
104 API 33 013 00722 00
105 SPUD 02/06/1972 COMP 07/17/1972 ROTARY OIL
107 DTD 12400 FM/TO 203RDRV
20102 302HPGS PERF 10714-10722 020
40101 DST 01 8840- 8968 3518KKN 5002
40110 GAS TS IN 8M NO GAUGE
40131 FINAL OP 2H IFP 166 FFP 316 BHT 204F
40201 DST 02 9178- 9230 306NSKU 9204 5003
40231 FINAL OP 2H IFP 115 FFP 491 BHT 240F
40301 DST 03 9426- 9490 306NSKU 5004
40310 GAS TS IN 1H33M NO GAUGE
40331 FINAL OP 2H IFP 191 FFP 303 BHT 220F
40401 DST 04 9620- 9650 306DPRW 5005
40431 FINAL OP 2H IFP 859 FFP 1625 BHT 242F
40501 DST 05 10700-10775 302HPGS 5006
40510 GAS TS IN 1H45M 8-10 FT FLARE
40531 FINAL OP 2H IFP 955 FFP 1029 BHT 226F
40601 DST 06 10860-10908 259SLRN 5007
40631 FINAL OP 2H IFP 928 FFP 983
40701 DST 07 11885-11935 203GNTN 5008
40731 FINAL OP 1H30M IFP 1358 FFP 1376 BHT 244F
40801 DST 08 12030-12108 203RDRV MISRUN 009
50102 203RDRV PERF W/ 2/FT 12265-12284 GROSS 011
50202 203RDRV PERF W/ 1/FT 12130-12140 012
50250 SHTR
50302 203RDRV PERF 12090-12104 013
50402 302HPGS PERF W/ 2/FT 10714-10722 014
50502 302HPGS PERF W/ 2/FT 10714-10722 015
50602 203RDRV PERF 12090-12104 016
50702 302HPGS PERF 10714-10722 017
50750 SHTR
50802 302HPGS PERF 10714-10722 018
50902 203RDRV PERF 12090-12104 019
33 N 161 W 95 5 10002 0488054210302976 0488064710302752
10010 023 00125273 58500 7850530 901203RDRV 11801474
10021 TWP N 161 RGE W 95 SEC 5 055TH BRN PRINCIPAL
101 NDAK DIVIDE A 560 FNL 1974 FEL E2 NE NE 1/4 WDD 494
102 SHELL OIL 1 TANBERG
103 2364 KB 2351 GR NOONAN
104 API 33 023 00125 00
105 SPUD 11/25/1972 COMP 01/29/1973 ROTARY D&A-G
107 DTD 11801 FM/TO 203RDRV

38.6 °C / 100 F

33 N 161 W 95 5 40101 DST 01 8435- 8591 351LOGP 5005
40102 OVERLAPS 3518KKN
40131 IFP 95 FFP 95 BHT 197F
40201 DST 02 11568-11603 203RDRV 006
40231 FINAL OP 1H IFP 1232 FFP 1232 BHT 226F
40301 DST 03 10755-10811 259SLRN 007
33 N 161 W 95 17 10002 0488562910303020 0488554610302786
10010 023 00112273 58500 3411060 911351STTR 6990069
10021 TWP N 161 RGE W 95 SEC 17 055TH PRINCIPAL
101 NDAK DIVIDE A 1980 FSL 500 FEL E2 NE SE 1/4 WDD
102 MAWLEY J B 1 LARSON
103 2074 RT 2057 GR NOONAN
104 2059 DF 2051 GR P LSE NO API 33-023- 00112-00
105 SPUD 09/28/1969 COMP 10/16/1969 ROTARY D&A-G
107 DTD 10000 FM/TO 203RDRV

06/08/78

PAGE 810

SUB FILE GEOTHERMAL LISTING

33 N 161 W 95 5 40101 DST 01 8435- 8591 351LDGP S005
40102 OVERLAPS 3518KKN
40131 IFP 95 FFP 95 BHT 197F
40201 DST 02 11568-11603 203RDRV 006
40231 FINAL OP 1H IFP 1232 FFP 1232 BHT 226F
40301 DST 03 10755-10811 259SLA 007

33 N 161 W 95 17 10002 0488562910303020 0488554610302786
10010 023 00112273 58500 3411060 911351STTA 6990069
10021 TWP N 161 RGE W 95 SEC 17 055TH PRINCIPAL
101 NDAK DIVIDE A 1980 FSL 500 FEL 2 NE SH WF D 495
102 HAWLEY J B 1 LARSON
103 2074 RT 2057 GR NOONAN
104 2059 DF 2051 GR P LSE NO API 33-023- 00112-00
105 SPUD 09/28/1969 COMP 10/16/1969 ROTARY D&A-0G
107 DTD 6990 FM/TD 351STTA
40101 DST 01 6856- 6938 353MIDL 6872 S002
40110 GAS TS IN 18M
40131 FINAL OP 2H IFP 137 FFP 287 BHT 188F
40201 DST 02 6890- 6916 352RIVL 6903 S003
40231 FINAL OP 2H IFP 112 FFP 237 BHT 188F
40301 DST 03 STRD 6854- 6870 353MIDL 6862 S004
40310 GAS TS IN 23M 6-8 FT FLARE
40331 FINAL OP 2H IFP 122 FFP 247 BHT 180F

37.9°C/hm
37.8°C/hm
35.8°C/hm

33 N 161 W 95 17 10002 0487759210303290 0487728010302972
10010 023 00137273 7850550 910353FRBG 7821J75
10021 TWP N 161 RGE W 95 SEC 17 055TH PRINCIPAL
101 NDAK DIVIDE A 820 FNL 690 FEL 2 SW NE SH WF 496
102 SHELL OIL 1 FREDERTCKSON
103 2359 GR WILDCAT
104 2364 DF 2356 GR P LSE NO API 33-023- 00137-00
105 SPUD 09/11/1975 COMP 10/05/1975 ROTARY D&A-0
107 DTD 7821 LTD 7818 FM/TD 353FRBG
40101 DST 01 7349- 7432 353MIDL S002
40131 FINAL OP 1H IFP 250 FFP 272 BHT 170F

33 N 161 W 95 21 10002 0487513010302027 0487483110301764
10010 023 00149273 10482850 911359MSSP 7664977
10021 TWP N 161 RGE W 95 SEC 21 055TH PRINCIPAL
101 NDAK DIVIDE A 660 FSL 1980 FNL 2 SE SH WF 497
102 TREND RESOURCES 1-21 SPOONER
103 2373 KB 2360 GR WILDCAT
104 2360 P API 33 023 00149 00
105 SPUD 06/03/1977 COMP 06/19/1977 ROTARY D&A-0G
107 DTD 7660 LTD 7664 FM/TD 359MSSP
40101 DST 01 7586- 7610 353NSSN 7598 S026
40131 FINAL OP 2H 2454M IFP 260 FFP 834 BHT 218F
40201 DST 02 4036- 4096 027
40231 FINAL OP 1H IFP 49 FFP 49

41.5°C/hm

06/08/78

PAGE 811

SUB FILE GEOTHERMAL LISTING

33 N 161 W 95 29 10002 0487460410304493 0487454910304288
10010 023 00123273 240550 911203RDRV 12050672
10021 TWP N 161 RGE W 95 SEC 29 055TH PRINCIPAL
101 NDAK DIVIDE A 1320 FNL 1320 FNL C NW SH WF
102 ASHLAND OIL 1-29 FENSTER
103 2291 KB 2280 GR WILDCAT
104 2292 DF 2282 GR P LSE NO API 33-023- 00123-00
105 SPUD 01/10/1972 COMP 03/23/1972 ROTARY D&A-0G
107 DTD 12050 FM/TD 203RDRV
40101 DST 01 MISRUN 002
40201 DST 02 7740- 7740 352MSMC 003
40231 FINAL OP 1H IFP 1989 FFP 3396 BHT 208F
40301 DST 03 8990- 9020 306NSKU S004
40331 FINAL OP 1H IFP 124 FFP 511 BHT 226F

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100478
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1 HO
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FLST
S002
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0 WOE
9C1 00
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095771
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1928 00
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095810
3351977

06/08/78

33 N 161 W 95 29 10002 0487460410304493 0487454910304288
10010 023 00123273 240550 911203RDRV 12050672
10021 TWP N 161 RGE W 95 SEC 29 055TH PRINCIPAL
101 NDAK DIVIDE A 1320 FNL 1320 FWL C NW SW WF
102 ASHLAND-OT 1-29 FENSTER
103 2291 KB 2280 GR WILDCAT
104 2292 DF 2282 GR P LSE NO API 33-023- 00123-00
105 SPUD 01/10/1972 COMP 03/23/1972 ROTARY D&A-OG
107 DTD 12050 FM/TO 203RDRV
40101 DST 01 MISRUN 002
40201 DST 02 7740- 7740 352MSNC 7765 003
40231 FINAL OP 1H IFP 1989 FFP 3396 BHT 208F
40301 DST 03 8990- 9020 306NSKU 9005 S004
40331 FINAL OP 1H IFP 461 FFP 511 BHT 230F
40401 DST 04 9435- 9470 306DPRW S005
40431 FINAL OP 1H IFP 722 FFP 1617
40501 DST 05 11513-11563 252RSSR MISRUN 010
40601 DST 06 MISRUN 011
40701 DST 07 11540-11576 252RSSR S012
40731 FINAL OP 1H13M IFP 1106 FFP 1124

498

38.3°C / km
37.4

33 N 162 W 77 11 10002 0488645410061606 0488651110061711
10010 009 01099273 5462650 900302ASRN 5078074
10021 TWP N 162 RGE W 77 SEC 11 055TH PRINCIPAL
101 NDAK BTNEAU A 660 FSL 660 FWL SW SW WF WF
102 MCMORAN EXPLORATION 1 TONNESON
103 1543 KB WILDCAT
104 API 33 009 01099 00
105 SPUD 03/23/1973 COMP 04/05/1973 ROTARY D&A
107 DTD 5078 FM/TO 302ASRN
40101 DST 01 4843- 4910 351LDGP 003
40102 OVERLAPS 302MPGS
40131 FINAL OP 1H IFP 1141 FFP 2179 BHT 120F

499

33 N 162 W 79 2 10002 0488882710088302 0488866310088273
10010 009 01145273 47900 9999960 900353CRLS 3252275
10021 TWP N 162 RGE W 79 SEC 2 055TH PRINCIPAL
101 NDAK BTNEAU A 1980 FNL 720 FWL 42 SW NW D
102 TOLCO OIL & GAS 1 NEARHOUSE
103 1488 KB 1477 GR SOUTH LANDA
104 1484 DF 1476 GR P LSE NO API 33-009- 01145-00
105 SPUD 10/29/1974 COMP 11/08/1974 ROTARY D&A
107 DTD 3252 FM/TO 353CRLS
40101 DST C1 STRD 2376- 2402 559JRSC 2389 002
40131 FINAL OP 0445M IFP 79 FFP 138 BHT 90F

500

33 N 162 W 79 4 10002 0488846810092534 0488843610092551
10010 009 01032273 47775 9999951 110352MSNC 353CRLS 3364K69
10021 TWP N 162 RGE W 79 SEC 4 055TH PRINCIPAL
101 NDAK BTNEAU A 1980 FSL 660 FWL C NW SW WF WPD
102 ECHO OIL ETAL 1-4 HIBORG

501

01L
1 HO
EAST
880 00
38A-06
FLST
S002
S003

06/08/78

33 N 162 W 79 4 103 1490 KB 1481 GR LANDA
104 1490 DF 1481 GR P LSE NO API 33-009- 01032-00
105 SPUD 12/31/1969 COMP 12/03/1969 ROTARY OIL
107 DTD 3364 FM/TO 352MSNC
20102 353CRLS PERF W/ 2/FT 3275- 3289 006
40101 DST 01 3277- 3295 353CRLS S002
40110 GAS TS IN 20M
40131 FINAL OP 1H IFP 83 FFP 236 BHT 160F
50102 353CRLS PERF W/ 2/FT 3275- 3289 004
50202 353CRLS PERF W/ 2/FT 3275- 3289 005

SUB FILE GEOTHERMAL LISTING

40-
3-00
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2008
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8118
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SH
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19771
10K68
WFD

12-00
L
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5 0L

04/08/78

PETROLEUM INFORMATION CORP

PAGE 812

SUB FILE GEOTHERMAL LISTING

33 N 162 W 79 4 103 1490 KB 1481 GR LANDA
104 1490 DF 1481 GR P LSE NO API 33-009- 01032-00
105 SPUD 10/31/1969 COMP 12/03/1969 ROTARY OIL
107 DTD 3364 FM/TO 352MSHC
20102 353CRLS PERF W/ 2/FT 3275- 3289 006
40101 DST 01 3277- 3295 353CRLS 3286 5002
40110 GAS TS IN 20M
40131 FINAL OP 1M IFF 83 FFP 236 BHT 1601
50102 353CRLS PERF W/ 2/FT 3275- 3289 004
50202 353CRLS PERF W/ 2/FT 3275- 3289 005

33 N 162 W 79 4 10002 0488922110091466 0488920110091423
10010 009 01056273 47775 1310060 911351STTA 3345770
10021 TWP N 162 RGE W 79 SEC 4 055TH PRINCIPAL
101 NDAK BTNEAU A 676 FNL 1980 FEL NW NEAD D 502
102 CAROLINA PETROLEUM ETAL I. RAYMOND-BANDS
103 1487 KB 1478 GR LANDA
104 API 33-009- 01056 00
105 SPUD 07/03/1970 COMP 07/08/1970 ROTARY D&R-06
107 DTD 3345 LTD 3343 FM/TO 351STTA
40101 DST 01 3270- 3295 353MIDL 3282 5003
40131 FINAL OP 1M IFF 18 FFP 324 BHT 110F
40201 DST 02 3267- 3345 353MIDL 3306 5004
40202 OVERLAPS 351STTA
40231 FINAL OP 4M IFF 63 FFP 872 BHT 110F GOOD BLOW

33 N 162 W 79 4 10002 0488881410091992 0488864910091954
10010 009 01176273 47775 4527761 110351MDSN 353MIDL 3350077
10021 TWP N 162 RGE W 79 SEC 4 055TH PRINCIPAL
101 NDAK BTNEAU A 1980 FNL 1980 FEL C SE NW D DO 503
102 KING RESOURCES I BANDS
103 1490 KB 1481 GR LANDA
104 API 33 009 01176 00
105 SPUD 11/16/1975 COMP 03/31/1976 ROTARY OIL
107 DTD 3350 PB 3320 FM/TO 351MDSN
20102 353MIDL PERF W/ 4/FT 3286- 3291 008
20141 @ 3250FT BHT 96F
40101 DST 01 3285- 3308 353MIDL MISRUN 002
40201 DST 02 3275- 3308 353MIDL 5003
40231 FINAL OP 1M IFF 156 FFP 265 BHT 101F
50102 353MIDL PERF W/ 4/FT 3286- 3291 005
50202 353MIDL PERF W/ 4/FT 3286- 3291 006
50302 353MIDL PERF W/ 4/FT 3286- 3291 007

33 N 162 W 79 9 10002 0488774910092523 0488772910092526
10010 009 01053273 47775 3125061 110351MDSN 353MIDL 3340870
10021 TWP N 162 RGE W 79 SEC 9 055TH PRINCIPAL
101 NDAK BTNEAU A 660 FNL 660 FNL C NW NW D DO 504
102 GREAT WESTERN DRLG I SABLE-LAWSON
103 1489 KB 1480 GR LANDA
104 1488 DF 1480 GR P LSE NO API 33-009- 01053-00

63.8°C/km

36.1°C/km

35.8

SUB FILE GEOTHERMAL LISTING

1 002
5003

5004
006
007

55666
00269

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06/08/78

PETROLEUM INFORMATION CORP

PAGE 813

SUB FILE GEOTHERMAL LISTING

33 N 162 W 79 9 105 SPUD 05/21/1970 COMP 07/20/1970 ROTARY OIL
107 DTD 3334 LTD 3340 FM/TO 351MDSN
20102 353MIDL PERF W/ 1/FT 3269- 3289 GROSS 007
40101 DST 01 3268- 3320 353MIDL 5003
40110 GAS TS IN 37M 4 FT FLARE
40131 FINAL OP 1M IFF 110 FFP 3705 BHT 104F GOOD BLOW
50102 353MIDL PERF W/ 1/FT 3269- 3289 GROSS 005
50202 353MIDL PERF W/ 1/FT 3269- 3289 GROSS 006

33 N 162 W 79 12 10002 0488735710084286 0488737510084280
10010 009 01018273 1371550 900352MSHC 3466669
10021 TWP N 162 RGE W 79 SEC 12 055TH PRINCIPAL
101 NDAK BTNEAU A 1980 FNL 660 FEL C SE NE WF
102 CHAMPLIN PETROLEUM I NORDMARK

G 15

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5003

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007

38685
30269

DO

38 00
IL
TTA
O
30L

90331
16369

L DO

99 00
IL
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004

90878
50170

IL
D

102-00
R&A-06
110L

5002

191:

34976
IL
DO

59-00
IL
103N

006

5003

389 125
275 49

33 N 162 W 79 9 105 SPUD 05/21/1970 COMP 07/20/1970 ROTARY OIL
107 DTD 3334 LTD 3340 FM/TO 351MDSH
20102 353MIDL PERF W/ 1/FT 3269- 3289 GROSS 007
40101 DST 01 3268- 3320 353MIDL S003
40110 GAS IS IN 37M 4 FT FLARE
40131 FINAL OP 1H IFF 110 FFP 3705 BMT 104F GOOD BLOW
50102 353MIDL PERF W/ 1/FT 3269- 3289 GROSS 005
50202 353MIDL PERP W/ 1/FT 3269- 3289 GROSS 006

33 N 162 W 79 12 10002 0488735710084206 0488737510084280
10010 009 01018273 1371550 900352MSHC 3465669
10021 TWP N 162 RGE W 79 SEC 12 055TH PRINCIPAL
101 NDAK BITNEAU A 1980 FNL 660 FEL 6 SE NE 1/4 WF 505
102 CHAMPEIN-PETROLEUM 1 NORDMARK
103 1500 KB 1490 GR WILDCAT
104 1500 ES 1492 GR P API 33-009- 01018 00
105 SPUD 05/16/1969 COMP 05/25/1969 ROTARY D&A
107 DTD 3465 LTD 3465 FM/TO 352MSNC
40101 DST 01 3220- 3240 353MIDL 3230 002
40131 FINAL OP 1H30M IFF 59 FFP 110 BMT 112F

37.8 °C / km

33 N 162 W 79 15 10002 0488512510089184 0488507710089254
10010 009 01098273 19700 9999910 910353MIDL 3300473
10021 TWP N 162 RGE W 79 SEC 15 055TH PRINCIPAL
101 NDAK BITNEAU A 660 FSL 1820 FEL 42 SW 1/4 HO 506
102 RESOURCES INVESTMENT 2-15 TARRASETH
103 1486 KB 1477 GR EIDSVOLD
104 1486 DF 1478 GR P LSE NO API 33-009- 01098-00
105 SPUD 04/11/1973 COMP 04/16/1973 ROTARY D&A-0
107 DTD 3300 LTD 3298 FM/TO 353MIDL
40101 DST 01 3197- 3207 353MIDL 3202 S002
40131 FINAL OP 1H30M IFF 34 FFP 53 BMT 106F
40201 DST 02 3212- 3247 353MIDL 003
40231 FINAL OP 1H IFF 44 FFP 49

33 N 162 W 79 15 10002 0488632410088816 0488621910088808
10010 009 01277273 19700 2949660 911353MIDL 3305278
10021 TWP N 162 RGE W 79 SEC 15 055TH PRINCIPAL
101 NDAK BITNEAU A 510 FNL 810 FEL 1 NW NE 1/4 D 507
102 GEMINI CORP 1 NORDMARK
103 1496 KB 1485 GR EIDSVOLD
104 API 33 009 01277 00
105 SPUD 01/19/1978 COMP 01/30/1978 ROTARY D&A-0G
107 DTD 3305 FM/TO 353MIDL
40101 DST 01 3226- 3235 353MIDL 3230 002
40131 FINAL OP 0H30M IFF 24 FFP 24 BMT 102F
40201 DST 02 3226- 3242 353MIDL S003
40231 FINAL OP 1H IFF 197 FFP 216
40301 DST 03 3230- 3305 353MIDL S004
40331 FINAL OP 1H IFF 226 FFP 301

33 N 162 W 80 11 10002 0488783510099631 0488780010099643
10010 009 01065273 92500 1310061 110351STTA 353MIDL 3451571
10021 TWP N 162 RGE W 80 SEC 11 055TH PRINCIPAL
101 NDAK BITNEAU A 300 FNL 660 FEL NE NE 1/4 D
102 CARDINAL PETROLEUM 1-11 OVRID
103 1496 KB 1485 GR WESTHOPE S
104 1490 DF 1481 GR P API 33-009- 01065 00
105 SPUD 03/15/1971 COMP 04/05/1971 ROTARY OIL
107 DTD 3451 PB 3420 FM/TO 351STTA
20102 353MIDL PERF W/ 2/FT 3385- 3402 GROSS 006
40101 DST 01 3380- 3392 000UCFM S002
40131 FINAL OP 1H IFF 13 FFP 49 BMT 108F
40201 DST 02 3380- 3450 353MIDL S003
40231 FINAL OP 1H IFF 126 FFP 216 BMT 108F

06/08/78

33 N 162 W 80 11 10002 0488783510099631 0488780010099643
10010 009 01065273 92500 1310061 110391STTA 353MIDL 3451571
10021 TWP N 162 RGE W 80 SEC 11 055TH PRINCIPAL
101 NOAK BITNEAU A 300 FNL 660 FFL NE NE D D 508
102 CARDINAL PETROLEUM 1-11 OVA
103 1496 KB 1485 GR WESTHOPE S
104 1490 OF 1481 GR P API 33-009- 01065 00
105 SPUD 03/15/1971 COMP 04/05/1971 ROTARY OIL
107 DTD 3451 PB 3420 FM/TO 351STTA
20102 353MIDL PERF W/ 2/FT 3385- 3402 GROSS 006
40101 DST 01 3380- 3392 000UCFM 5002
40131 FINAL OP 1H IFP 13 FFP 49 BHT 108F
40201 DST 02 3380- 3450 353MIDL 5003
40231 FINAL OP 1H IFP 126 FFP 216 BHT 108F
50102 353MIDL PERF W/ 2/FT 3385- 3402 GROSS 005

33 N 162 W 80 14 10002 0488554510100756 0488551510100787
10010 009 00993273 92000 8325060 911501SPRF 3486569
10021 TWP N 162 RGE W 80 SEC 14 055TH PRINCIPAL
101 NOAK BITNEAU A 1980 FSL 1980 FNL C NE SW D 509
102 WILHITE 1 RUSSELL SAITH
103 1506 KB 1496 GR SOUTH WESTHOPE
104 1519 OF 1509 GR P LSE NO API 33-009- 00993-00
105 SPUD 10/24/1968 COMP 11/04/1968 ROTARY D&A-0G
107 DTD 3486 FM/TO 501SPRF
40101 DST 01 3456- 3486 501SPRF 3471 004
40131 FINAL OP 2H IFP 111 FFP 297 BHT 115F

33 N 162 W 80 14 10002 0488515310101205 0488513610101183
10010 009 00994273 92000 8325060 910000CFM 3454469
10021 TWP N 162 RGE W 80 SEC 14 055TH PRINCIPAL
101 NOAK BITNEAU A 500 FSL 820 FNL SE SW D 510
102 WILHITE 1-X RUSSELL SAITH
103 1506 KB 1497 GR SOUTH WESTHOPE
104 API 33-009- 00994 00
105 SPUD 11/19/1968 COMP 11/26/1968 ROTARY D&A-0
107 DTD 3454 FM/TO 000UCFM
40101 DST 01 3412- 3454 501SPRF 3433 5003
40131 FINAL OP 2H IFP 85 FFP 387 BHT 115F

33 N 162 W 80 14 10002 0488629410101174 0488612310101035
10010 009 01137273 92000 9999961 110501SPRF 501SPRF 3475675
10021 TWP N 162 RGE W 80 SEC 14 055TH PRINCIPAL
101 NOAK BITNEAU A 500 FNL 820 FNL NE NW D D 511
102 WALKER MIL ETAL 1-R CLARK
103 1494 KB 1483 GR WESTHOPE SOUTH
104 1495 OF 1483 GR P LSE NO AP 33-009- 01137-00
105 SPUD 03/17/1975 COMP 05/12/1975 ROTARY OIL
107 DTD 3475 FC 3434 FM/TO 501SPRF
20102 501SPRF PERF JET W/ 4/FT 3391- 3414 GROSS 006
40101 DST 01 3380- 3414 501SPRF 5002

36.8°C/ft

37.2°C/ft

06/08/78

33 N 162 W 80 14 40110 GAS TS IN 1H
40131 FINAL OP 1H IFP 224 FFP 319 BHT 110F
50102 501SPRF PERF JET W/ 4/FT 3392- 3408 GROSS 004
50202 501SPRF PERF JET W/ 4/FT 3391- 3414 005
50302 501SPRF PERF JET W/ 4/FT 3391- 3414 GROSS 006

33 N 162 W 80 22 10002 0488373410102973 048831710102843
10010 009 01213273 92000 9657061 110351MOSN 353MIDL 3544977
10021 TWP N 162 RGE W 80 SEC 22 055TH PRINCIPAL
101 NOAK BITNEAU A 660 FSL 1980 FNL C SE SW D DO
102 WISER OIL 1 ED WITTMAN
103 1500 KB 1490 GR WESTHOPE SOUTH
104 API 33 009 01213 00
105 SPUD 10/25/1976 COMP 11/17/1976 ROTARY OIL
107 DTD 3544 L10 3540 FM/TO 351MOSN

1000 00
OIL
1STTA
OSS 007
S002
OSS 004
OSS 005
OSS 006
0085934
3402573
PAL
D D
DT
1102 00
D&A
2MSHC
002

0197963
270166
PAL
D DO
LIFE
10873 00
OIL
51MDSN
005
S003

10104557
3453372
PAL
D D
SON

11074 00
D&A-OG
53MIDL
S003

SPUN 004

SRUN 005
S006
008

10105606
50777
PAL
WF WF

01149 00
D&A
ECHANL
003

33 N 162 W 80 14 40110 GAS TS IN 1H 3397
40131 FINAL OP 1H IFF 224 FFP 319 BHT 110F
50102 501SPRF PERF JET W/ 4/FT 3392- 3408 GROSS 004
50202 501SPRF PERF JET W/ 4/FT 3391- 3414 005
50302 501SPRF PERF JET W/ 4/FT 3391- 3414 GROSS 006
33 N 162 W 80 22 10002 0488373410102973 0488351710102843
10010 009 01213273 92000 9657061 110351MDSN 353MIDL 3544977
10021 TWP N 162 RGE W 80 SEC 22 055TH PRINCIPAL
101 NDAK BITTNEAU A 660 FSL 1980 FNL C SE SW D 512
102 WISER OIL 1 ED WITTENAN
103 1500 KB 1490 GR WESTHOPE SOUTH
104 API 33 009 01213 00
105 SPUD 10/25/1976 COMP 11/17/1976 ROTARY OIL
107 DTD 3544 LTD 3540 FM/TO 351MDSN
20102 353MIDL PERF 3489- 3491 007
20141 3540FT BHT 107F
40101 DST 01 3429- 3459 501SPRF S002
40131 FINAL OP 1H IFF 178 FFP 425
40201 DST 02 353MIDL S003
40231 FINAL OP 1H IFF 64 FFP 93
50102 353MIDL PERF W/ 16/IT 3489- 3491 005
50202 353MIDL PERF W/ 16/IT 3489- 3491 006

33 N 162 W 80 22 10002 0488370410102422 0488348410102286
10010 009 01214273 92000 9657060 911353MIDL 3511J77
10021 TWP N 162 RGE W 80 SEC 22 055TH PRINCIPAL
101 NDAK BITTNEAU A 660 FSL 1980 FNL C SW SE D 513
102 WISER OIL 1 BACKMAN COLITON
103 1500 KB 1490 GR WESTHOPE SOUTH
104 API 33 009 01214 00
105 SPUD 01/29/1977 COMP 02/07/1977 ROTARY D&A-OG
107 DTD 3511 FM/TO 353MIDL
40101 DST 01 3426- 3454 501SPRF S002
40131 FINAL OP 1H IFF 170 FFP 255 BHT 107F
40201 DST 02 3501- 3511 353MIDL S003
40202 OVERLAPS 353CRLSU
40231 FINAL OP 1H30M IFF 117 FFP 181 BHT 108F

33 N 162 W 83 30 10002 0488311310149393 0488303610149442
10010 009 01103273 56500 9999910 911352GLBR 4465673
10021 TWP N 162 RGE W 83 SEC 30 055TH PRINCIPAL
101 NDAK BITTNEAU A 1980 FNL 602 FNL W2 SW NW D 514
102 BILLS DON ETAL 1 ERTKSON
103 1606 KB MOHALL
104 API 33 009 01103 00
105 SPUD 05/14/1973 COMP 05/21/1973 ROTARY D&A-OG
107 DTD 4465 LTD 4464 FM/TO 352GLBR
40101 DST 01 4394- 4406 353MHL 4400 S002
40131 FINAL OP 2H IFF 36 FFP 98 BHT 130F

35.2° c / km

33 N 162 W 83 30 10002 0488224110148318 0488195710148324
10010 009 01193273 5650010011561 110352GLBR 353MHL 4441076
10021 TWP N 162 RGE W 83 SEC 30 055TH PRINCIPAL
101 NDAK BITTNEAU A 500 FSL 2140 FNL SW SW SE D DO
102 LAND VERN 30-1 177E
103 1611 KB 1599 GR MOHALL
104 API 33 009 01193 00
105 SPUD 03/17/1976 COMP 10/01/1976 ROTARY OIL
107 DTD 4440 LTD 4441 FM/TO 352GLBR
20102 353MHL PERF W/ 2/FT 4361- 4376 GROSS 004
40101 DST 01 4360- 4400 353MHL 4400 S002
40131 FINAL OP 1H30M IFF 105 FFP 137 BHT 125F

33 N 162 W 84 14 10002 0488555610152607 0488561410152501
10010 075 00427273 9999950 911351STTA 4500269
10021 TWP N 162 RGE W 84 SEC 14 055TH PRINCIPAL

N 005
S006
008
05606
07977
WF
49-00
11DL
007
203L
82170
IL
WF
145-00
18A-06
CMB
S002
003
111643
110475
RL
D
154-00
18A-06
11DL
S002
113074
535F
RL
F W

175-00
18A-06
103H
S003
101723
547077
RL
F W

33 N 162 W 83 30 10002 0488224110148318 0488195710148324
10010 009 01193273 5650010011561 110352GLBR 353MHL 4441076
10021 TWP N 162 RGE W 83 SEC 30 055TH PRINCIPAL
101 NOKA RENVILLE A 500 FSL 2140 FEL C SW SE DO 515
102 LUND VERN 30-1 HOLE
103 1611 KB 1599 GR MOHALL
104 API 33 009 01193 00
105 SPUD 03/17/1976 COMP 10/01/1976 ROTARY OIL
107 DTD 4440 LTD 4441 FM/TO 352GLBR
20102 353MHL PERF W/ 2/FT 4361 4376 GROSS 004
40101 DST 01 4360-4380 353MHL S002
40131 FINAL OP 1M30M IFF 105 FFP 137 BHT 125F

33 N 162 W 84 14 10002 0488555610152607 0488561410152501
10010 075 00427273 9999950 911351STTA 4500269
10021 TWP N 162 RGE W 84 SEC 14 055TH PRINCIPAL
101 NOKA RENVILLE A 1980 FSL 1980 FEL C NW SE WF 516
102 NORTHEASTERN REFINING 1 HJELMELAND-UCL1
103 1628 KB 1616 GR WILDCAT
104 1627 ES 1616 GR P API 33-075- 00427 00
105 SPUD 03/22/1968 COMP 04/01/1968 ROTARY O&A-OG
107 DTD 4500 FM/TO 351STTA
40101 DST 01 4376-4393 351MDSN 4384 S002
40131 FINAL OP 02H00M IFF 41 FFP 80 BHT 132F
40201 DST 02 4372-4403 351MDSN 4388 S003
40231 FINAL OP 02H00M IFF 52 FFP 145 BHT 131F

33 N 162 W 84 14 10002 0488516810152614 0488512310152455
10010 075 00547273 51290 9999911 110353MHL 353MHL 4385575
10021 TWP N 162 RGE W 84 SEC 14 055TH PRINCIPAL
101 NOKA RENVILLE A 660 FSL 3300 FWL C SW SE NO DO 517
102 MANOVER MANAGEMENT 1 UNION CENTRAL
103 1627 KB 1617 GR LORRAINE
104 1628 DF 1617 GR P LSE NO API 33-075- 00547-00
105 SPUD 08/25/1974 COMP 09/24/1974 ROTARY OIL
107 DTD 4385 PB 4385 FM/TO 353MHL
20102 353MHL OPENHOLE 4373-4385 005
40101 DST 01 4380-4400 353MHL S002
40110 GAS TS IN 1M52M 4390
40131 FINAL OP 2H IFF 368 FFP 396 BHT 140F
50102 351MDSN OPENHOLE 4373-4385 004

33 N 162 W 84 14 10002 0488517110153180 0488511910153005
10010 075 00552273 51290 9999961 110353MHL 353MHL 4402575
10021 TWP N 162 RGE W 84 SEC 14 055TH PRINCIPAL
101 NOKA RENVILLE A 660 FSL 1980 FEL C SE SW DO 518
102 MANOVER MANAGEMENT 2 UNION CENTRAL
103 1629 KB 1619 GR LORRAINE
104 1629 DF 1620 GR P LSE NO API 33-075- 00552-00
105 SPUD 09/03/1974 COMP 10/01/1974 ROTARY OIL
107 DTD 4402 FM/TO 353MHL

36.2°C/hm
35.7°C/hm

39.4°C/hm

33 N 162 W 84 14 20102 353MHL OPENHOLE 4373-4402 005
20141 BHT 140F
20150 WTP
40101 DST 01 4384-4400 353MHL REVOUTS002
40131 FINAL OP 2H06M IFF 28 FFP 238
50102 353MHL OPENHOLE 4393-4402 004

33 N 162 W 84 23 10002 0488484710152604 0488479310152479
10010 075 00511273 51290 6589551 110353MHL 353MHL 4427371
10021 TWP N 162 RGE W 84 SEC 23 055TH PRINCIPAL
101 NOKA RENVILLE A 660 FSL 1980 FEL C NW NE WF
102 PENNZOIL UNITED 1 CROOKS
103 1628 KB 1618 GR

06/08/78

PAGE 817
SUB FILE GEOTHERMAL LISTING

33 N 162 W 84 14 20102 353MHL OPENHOLE 4402 4393- 4402 005
20141 BHT 140F
20150 HTR
40101 DST 01 4384- 4400 353MHL REVOUTS002
40131 FINAL OP 2H 2406M IFF 88 FFP 238
50102 353MHL OPENHOLE 4393- 4402 004

39.3°C/ft

33 N 162 W 84 23 10002 0488484710152604 0488499310152479
10010 075 00511273 51290 6589551 110353MHL 353MHL 4427J71
10021 TWP N 162 RGE W 84 SEC 23 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 1980 FEL 1 CROOKS
102 PENNZOIL UNITS
103 1625 KB 1614 GR LORRAINE
104 1622 DF 1614 GR P API 33-075- 00511 00
105 SPUD 09/15/1971 COMP 11/07/1971 ROTARY OIL
107 DTD 4427 FM/TO 353MHL
20102 353MHL PERF 4398- 4406 GROSS 012
40101 DST 01 4384- 4398 353MHL 4391 5002
40110 GAS TS IN 35M 3-5 FT FLARE
40131 FINAL OP 2H IFF 119 FFP 436 BHT 134F GOOD BLOW
40201 DST 02 4398- 4417 353MHL MISRUN 003
50102 353MHL PERF W/ 4/FT 4398- 4406 GROSS 005
50202 353MHL PERF W/ 4/FT 4398- 4406 GROSS 006
50302 353MHL PERF W/ 4/FT 4398- 4406 GROSS 007
50402 353MHL PERF W/ 4/FT 4398- 4406 GROSS 008
50502 353MHL PERF W/ 4/FT 4398- 4406 009
50602 353MHL PERF W/ 4/FT 4398- 4406 010
50702 353MHL PERF W/ 4/FT 4398- 4406 011
50802 353MHL PERF W/ 4/FT 4398- 4406 012

519

36.9°C/ft

33 N 162 W 84 23 10002 0488480410152054 0488476910151904
10010 075 00551273 51290 9999911 110353MHL 353MHL 4380575
10021 TWP N 162 RGE W 84 SEC 23 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 660 FEL 1 CROOKS
102 HANOVER MGMT
103 1627 KB 1617 GR LORRAINE
104 1626 DF 1617 GR P LSE NO API 33-075- 00551-00
105 SPUD 09/16/1974 COMP 10/08/1974 ROTARY OIL
107 DTD 4380 FM/TO 353MHL
20102 353MHL OPENHOLE 4367- 4380 005
40101 DST 01 4362- 4380 353MHL 4371 5002
40110 GAS TS IN 23M
40131 FINAL OP 2H IFF 130 FFP 383 BHT 140F
50102 351MDSN OPENHOLE 4367- 4380 004

520

39.6°C/ft

33 N 162 W 84 24 10002 0488481510151614 0488473110151339
10010 075 00569273 51290 3336061 110353MHL 353MHL 4366477
10021 TWP N 162 RGE W 84 SEC 24 055TH PRINCIPAL
101 NDAK RENVILLE A 676 FNL 566 FNL SW NW NW D. DO
102 HANOVER MANAGEMENT 1 BHM
103 1606 GR LORRAINE

521

06/08/78

PAGE 818
SUB FILE GEOTHERMAL LISTING

33 N 162 W 84 24 104 1613 DF 1506 GR P LSE NO API 33-075- 00569-00
105 SPUD 09/17/1976 COMP 11/08/1976 ROTARY OIL
107 DTD 4366 PB 4364 FM/TO 353MHL
20102 353MHL PERF 4354- 4360 005
40101 DST 01 4346- 4366 353MHL 5002
40131 FINAL OP 2H IFF 208 FFP 383 BHT 134F
50102 353MHL PERF 4354- 4360 004

33 N 162 W 84 24 10002 0488429910151385 0488429910151385
10010 075 00603273 51290 3336060 900359MSSP 4410072
10021 TWP N 162 RGE W 84 SEC 24 055TH PRINCIPAL

06/08/78

L 15
PETROLEUM INFORMATION CORP

PAGE 818

SUB FILE GEOTHERMAL LISTING

33 N 162 W 84 24 104 1613 DF 1506 GR P LSE NO API 33-075- 00569-00
 105 SPUD 05/17/1976 COMP 11/08/1976 ROTARY OIL
 107 DTD 4366 PB 4364 FM/TO 353MHL
 20102 353MHL PERF 4354- 4360 005
 40101 DST 01 4346- 4366 353MHL 4356 5002
 40131 FINAL OP 2H IFF 208 FFP 383 BHT 134F
 50102 353MHL PERF 4354- 4360 004

37.2°C/km

33 N 162 W 84 24 10002 0488429910151385 0488429910151385
 10010 075 00603273 51290 3336060 900359MSSP 4410077
 10021 TWP N 162 RGE W 84 SEC 24 055TH PRINCIPAL
 101 NDARK RENVILLE A 1980 FSL 660 FHL C SH NW D 522
 102 HARNOVER MOUNT 2 BONA
 103 1620 KB 161L GR LORAIN
 104 1619 DF 1611 P API 33 075 00603 00
 105 SPUD 08/04/1975 COMP 08/19/1975 ROTARY D&A
 107 DTD 4410 FM/TO 359MSSP
 40101 DST 01 4368- 4396 353MHL 4382 5002
 40102 OVERLAPS 352SHRD
 40131 FINAL OP 1M30M IFF 155 FFP 246 BHT 138F
 40201 DST 02 4366- 4410 352SHRD 4388 5003
 40202 OVERLAPS 353MHL
 40231 FINAL OP 3H IFF 333 FFP 1423 BHT 138F

38.7°C/km

38.6°C/km

33 N 162 W 85 19 10002 0488373010175608 0488384310175514
 10010 075 00487273 56700 9999961 110352SHRD 352SHRD 4968070
 10021 TWP N 162 RGE W 85 SEC 19 055TH PRINCIPAL
 101 NDARK RENVILLE A 660 FSL 591 FHL SH SW D 523
 102 BROOKOVER EARL C 1 HELLEBUST
 103 1775 KB 1764 GR MOUSE RIVER PARK
 104 1774 DF 1766 GR P LSE NO API 33-075- 00487-00
 105 SPUD 08/13/1970 COMP 09/03/1970 ROTARY OIL
 107 DTD 4968 FM/TO 352SHRD
 20102 352SHRD PERF JET W/ 2/FT 4944- 4960 006
 40101 DST 01 4924- 4968 352SHRD 4946 5003
 40110 GAS TS IN OH40M RE-OPEN
 40131 FINAL OP 1H IFF 158 FFP 218 BHT 170F
 50102 352SHRD PERF JET W/ 2/FT 4944- 4960 005

46.1°C/km

33 N 162 W 85 33 10002 0488117910169518 0488122910169557
 10010 075 00591273 56700 6552010 911353MHL 4955775
 10021 TWP N 162 RGE W 85 SEC 33 055TH PRINCIPAL
 101 NDARK RENVILLE A 1980 FSL 660 FEL C NE SW HO HO 524
 102 PATRICK PET 1 BARCUS
 103 1754 KB 1745 GR MOUSE RIVER PARK
 104 1749 DF 1744 GR P LSE NO API 33-075- 00591-00
 105 SPUD 06/25/1975 COMP 07/05/1975 ROTARY D&A-06
 107 DTD 4952 LTD 4955 4868 FM/TO 353MHL
 40101 DST 01 4838- 4898 352SHRD
 40131 FINAL OP 2H IFF 64 FFP 73 BHT 142F

36.3°C/km

06/08/78

M 15
PETROLEUM INFORMATION CORP

PAGE 819

SUB FILE GEOTHERMAL LISTING

33 N 162 W 86 12 10002 0488736910177654 0488738810177643
 10010 075 00667273 78700 4533710 911351MDSH 4925076
 10021 TWP N 162 RGE W 86 SEC 12 066TH PRINCIPAL
 101 NDARK RENVILLE A 1880 FSL 800 FHL NE SW NW HO HO
 102 KISSINGER PET 5-12 VEHSLAGE
 103 1777 KB 1767 GR SEVENHILE COULEE
 104 API 33 075 00667 00
 105 SPUD 05/30/1976 COMP 06/11/1976 ROTARY D&A-06
 107 DTD 4925 FM/TO 351MDSH
 40101 DST 01 4826- 4864 353MHL MISRUN 004
 40201 DST 02 4810- 4864 352SHRD 5005
 40231 FINAL OP 1H IFF 38 FFP 57 BHT 135F

33 N 162 W 86 10 10002 0488591210177775 0488602710177745
 10010 075 00316273 9999950 911352SHRD 5000

06/08/78

33 N 162 W 86 12 10002 0488736910177654 0488738810177643
 10010 075 00667273 78700 4533710 911351MDSN 4925076
 10021 TWP N 162 RGE W 86 SEC 12 066TH BRNCPAL
 101 NDAC RENVILLE A 1880 FNL 800 FWL NE SW NW 0 WO 525
 102 KISSINGER 5-12 VERMAGE
 103 1777 KB 1767 GR SEVENMILE COULEE
 104 API 33-075 00667 00
 105 SPUD 05/30/1976 COMP 06/11/1976 ROTARY D&A-OG
 107 DTD 4925 FM/TO 351MDSN
 40101 DST 01 4826-4864 352SHRD MJSRUN 004
 40201 DST 02 4810-4864 352SHRD 5005
 40231 FINAL OP 1M IFF 38 FFP 57 BHT 136F

33 N 162 W 86 13 10002 0488591210177775 0488602710177745
 10010 075 00316273 9999950 911352SHRD 5000
 10021 TWP N 162 RGE W 86 SEC 13 055TH BRNCPAL
 101 NDAC RENVILLE A 1980 FNL 660 FWL SW NW 1/4 WF 526
 102 CHANDLER & ASSOC 1 BAHL
 103 1781 KB 1774 GR WILDCAT
 104 1779 DF 1774 GR P API 33-075- 00316 00
 105 SPUD 08/10/1965 COMP 08/19/1965 ROTARY D&A-OG
 107 DTD 5000 LTD 4922 FM/TO 352SHRD
 40101 DST 01 4876-4902 352SHRD MJSRUN 003
 40201 DST 02 4876-4902 352SHRD 4889 5004
 40231 FINAL OP 1M30M IFF 143 FFP 143 BHT 143F

33 N 162 W 86 24 10002 0488408510177202 0488420310177155
 10010 075 00435273 56700 9999961 110351MDSN 351MDSN 5031968
 10021 TWP N 162 RGE W 86 SEC 24 055TH BRNCPAL
 101 NDAC RENVILLE A 1980 FSL 1980 FWL NE SW 00 527
 102 CHANDLER & ASSOC 1 BREKDA
 103 1789 KB 1779 GR MOUSE RIVER PARK
 104 1786 ES 1778 GR P API 33-075- 00435 00
 105 SPUD 04/15/1968 COMP 05/20/1968 ROTARY OIL
 107 DTD 5030 LTD 5031 PB 4993 FM/TO 351MDSN
 20102 351MDSN PERF JET W/ 4/FT 4962-4975 GROSS 007
 40101 DST 01 4948-4978 351MDSN 4963 5002
 40131 FINAL OP 1M IFF 109 FFP 224 BHT 140F
 50102 351MDSN PERF JET W/ 4/FT 4962-4975 GROSS 004
 50202 351MDSN PERF 4962-4975 GROSS 005
 50302 351MDSN PERF 4962-4975 GROSS 006

33 N 162 W 89 21 10002 0488491510222038 0488493310221912
 10010 013 00705273 9999950 900351MDSN 5860469
 10021 TWP N 162 RGE W 89 SEC 21 055TH BRNCPAL
 101 NDAC BURKE A 660 FNL 660 FWL NE NE 1/4 WF 528
 102 CENTRAL ROYALTY ETAL 1 KLIEN
 103 1946 KB 1935 GR WILDCAT
 104 1945 DF 1937 GR P LSE NO API 33-013- 00705-00
 105 SPUD 12/29/1968 COMP 01/19/1969 ROTARY D&A
 107 DTD 5860 LTD 5853 FM/TO 351MDSN

365°C/km

R#	INDEX
P	33 N 161 W 92 16
B	33 N 161 W 93 10
C	33 N 161 W 94 30
D	33 N 161 W 95 5
E	33 N 161 W 95 29
F	33 N 162 W 79 4
G	33 N 162 W 79 9
H	33 N 162 W 80 11
I	33 N 162 W 80 14
J	33 N 162 W 83 30
K	33 N 162 W 84 14
L	33 N 162 W 84 24
M	33 N 162 W 86 12

ST

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 820

SUB FILE GEOTHERMAL LISTING

33 N 162 W 89 21 40101 DST 01 5768- 5789 353MIDL MISRUN 002
 40201 DST 1A 5766- 5796 353MIDL 003
 40231 JOM IFF 65 FFP 91 BHT 140F 0

33 N 162 W 90 1 10002 0488815510230209 0488818810230276
 10010 013 00708273 3411050 900351MDSN 5861769
 10021 TWP N 162 RGE W 90 SEC 1 055TH PRINCIPAL
 101 NDAK BURKE A 660 FSL 660 FHL C SW SH WF 529
 102 MAHLEY OIL 1 SIEMENS
 103 1947 KB 1936 GR HILOCAT
 104 1944 ES 1936 GR P API 33-013- 00708 00
 105 SPUD 06/15/1969 COMP 06/27/1969 ROTARY D&R
 107 DTD 5861 FM/TO 351MDSN
 40101 DST 01 5686- 5712 353MIDL 002
 40131 FINAL OP 1H IFF 87 FFP 87 BHT 144F
 40201 DST 02 5710- 5732 352RIVL 003
 40202 OVERLAPS 353MIDL
 40231 FINAL OP 1H IFF 74 FFP 74 BHT 149F
 40301 DST 03 5750- 5800 353FRBR 004
 40302 OVERLAPS 351STTA 5775
 40331 FINAL OP 2H IFF 1151 FFP 2622 BHT 166F

33 N 162 W 90 25 10002 0488241510229099 0488248710229123
 10010 013 00704273 9500 150030 910306SRRV 8080469
 10021 TWP N 162 RGE W 90 SEC 25 055TH PRINCIPAL
 101 NDAK BURKE A 820 FSL 1820 FHL NE SW SH WD 530
 102 ANSCHUTZ OIL INC 1 ORATSON
 103 1957 KB 1947 GR BOWBELLS
 104 API 33-013- 00704 00
 105 SPUD 02/06/1969 COMP 03/11/1969 ROTARY D&R-0
 107 DTD 8080 LTD 8077 FM/TO 306SRRV
 40101 DST 01 7175- 7290 3518KKN MISRUN 003
 40131 FINAL OP 1H30M IFF 558 FFP 807 BHT 165F
 40201 DST 02 7460- 7515 306NSKH 004
 40231 FINAL OP 1H30M IFF 1181 FFP 1865
 40301 DST 03 7716- 7746 306DPRW 005
 40331 FINAL OP 1H IFF 893 FFP 2042 BHT 189F

33 N 162 W 90 29 10002 0488277110238992 0488237310238959
 10010 013 00744273 150050 911352MSNC 6190776
 10021 TWP N 162 RGE W 90 SEC 29 055TH PRINCIPAL
 101 NDAK BURKE A 1980 FSL 660 FHL C NW SW WF 531
 102 ANSCHUTZ CORP ETAL 1-A TUCKER HARRISON
 103 1961 KB 1951 GR HILOCAT
 104 1962 DF 1954 GR P LSE NO API 33-013- 00744-00
 105 SPUD 03/18/1976 COMP 04/01/1976 ROTARY D&R-0G
 107 DTD 6190 LTD 6184 FM/TO 352MSNC
 40101 DST 01 6098- 6161 353MIDL S003
 40102 OVERLAPS 352RIVL
 40131 FINAL OP 2H30M IFF 166 FFP 270 BHT 145F
 40201 DST 02 STRD 6090- 6135 353MIDL S004

38.2°C/km

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 821

SUB FILE GEOTHERMAL LISTING

33 N 162 W 90 29 40202 OVERLAPS 353CRLS
 40231 FINAL OP 2H IFF 106 FFP 180 BHT 145F

33 N 162 W 91 10 10002 0488748410247166 0488704210247138
 10010 013 00736273 49800 9999960 911353MSSN 6116J75
 10021 TWP N 162 RGE W 91 SEC 10 055TH PRINCIPAL
 101 NDAK BURKE A 1980 FSL 1980 FHL C SE NW D D
 102 PALMER OIL 1 KOSTAD
 103 1951 KB 1939 GR LIGNITE
 104 1948 DF 1940 GR P LSE NO API 33-013- 00736-00
 105 SPUD 10/26/1975 COMP 11/05/1975 ROTARY D&R-0G
 107 DTD 6116 LTD 6111 FM/TO 353MSSN
 40101 DST 01 6048- 6074 353MIDL S002
 40131 FINAL OP 2H30M IFF 70 FFP 94 BHT 151F
 40201 DST 02 6054- 6116 353MIDL S003

06/08/78

B 16

PETROLEUM INFORMATION, CORP

PAGE 821

SUB FILE GEOTHERMAL LISTING

33 N 162 W 90	29	40202 OVERLAPS 353CRLS			
		40231 FINAL OP 2H	IFP 106 FFP 180 BHT 145F		
33 N 162 W 91	10	10002	0488748410247166 0488704210247138		
		10010 013 00736273 49800	9999960 911353NSSLN 6116J75		
		10021 TWP N 162	RGE W 91 SEC 10 055TH PRINCIPAL		
		101 NDAK BURKE	A 1980 FNL 1980 FNL C SE NW D		532
		102 PALMER OIL	1 KOSTAD		
		103 1951 KB 1939 GR	LIGNITE		
		104 1948 OF 1940 GR P	LSE NO API 33-013- 00736-00		
		105 SPUD 10/26/1975	COMP 11/05/1975 ROTARY FM/TO 353NSSLN		
		107 DTD 6116 LTD 6111			
		40101 DST 01	6048- 6074 353MIDL S002		
		40131 FINAL OP 2H30M	IFP 70 FFP 94 BHT 151F		
		40201 DST 02	6054- 6116 353MIDL S003		
		40231 FINAL OP 2H30M	IFP 36 FFP 83 BHT 159F		
33 N 162 W 91	26	10002	0488329910245498 0488288310245498		
		10010 013 00745273 7130010123261	110351STTA 353MIDL 6335K76		
		10021 TWP N 162	RGE W 91 SEC 26 055TH PRINCIPAL		
		101 NDAK BURKE	A 1320 FNL 660 FNL W2 NW D0		533
		102 SUNBEAM GAS	1 RYKKE		
		103 1957 KB 1945 GR	RENNIE LAKE		
		104	API 33 013 00745 00		
		105 SPUD 06/19/1976	COMP 08/04/1976 ROTARY OIL		
		107 DTD 6135	FM/TO 351STTA		
		20102 353MIDL PERF	W/ 2/FT 6202- 6219 005		
		40101 DST 01	6200- 6250 353MIDL S003		
		40131 FINAL OP 2H	IFP 100 FFP 160 BHT 157F		
33 N 162 W 91	35	10002	0488092210244425 0488100310244415		
		10010 013 00716273 27276	3411060 911352RIVL 6380J70		
		10021 TWP N 162	RGE W 91 SEC 35 055TH PRINCIPAL		
		101 NDAK BURKE	A 660 FSL 1980 FEL SW SE D		534
		102 HANLEY JOHN B TRUST	1 LUCKMAN		
		103 1966 KB 1954 GR	FOOTHILLS NE		
		104 1963 OF 1955 GR P	API 33-013- 00716 00		
		105 SPUD 10/05/1970	COMP 10/22/1970 ROTARY D&A-06		
		107 DTD 6380 LTD 6380	FM/TO 352RIVL		
		40101 DST 01	6328- 6354 353MIDL S002		
		40131 FINAL OP 1H	IFP 132 FFP 274 BHT 170F		
33 N 162 W 93	25	10002	0488236510268528 0488240510268439		
		10010 013 00718273	8325050 911352RIVL 6690K70		
		10021 TWP N 162	RGE W 93 SEC 25 055TH PRINCIPAL		
		101 NDAK BURKE	A 660 FSL 1980 FEL SW SE WF		535
		102 WILHITE	1 MCLVIN BERMANSON		
		103 2043 KB 2031 GR	WILDCAT		
		104 2036 OF 2026 GR P	API 33-013- 00718 00		
		105 SPUD 11/14/1970	COMP 11/26/1970 ROTARY D&A-06		
		107 DTD 6690	FM/TO 352RIVL		

35.9°C / Perm

06/08/78

C 16

PETROLEUM INFORMATION, CORP

PAGE 822

SUB FILE GEOTHERMAL LISTING

33 N 162 W 93	25	40101 DST 01	6626- 6652 353MIDL S002		
		40131 FINAL OP 2H	IFP 64 FFP 166 BHT 175F		
		40201 DST 02	6661- 6679 352RIVL S004		
		40231 FINAL OP 1H	IFP 63 FFP 127 BHT 188F		
33 N 162 W 94	29	10002	0488345210287821 0488349210287711		
		10010 013 00688273	9999950 910353NSSLN 7100468		
		10021 TWP N 162	RGE W 94 SEC 28 055TH PRINCIPAL		
		101 NDAK BURKE	A 660 FNL 660 FEL C NE NE WF WF		
		102 FUNDAMENTAL OIL	1-28 BURAU-BRENNO		
		103 2167 KB 2158 GR	WILDCAT		
		104 2176 ES 2166 GR P	API 33-013- 00688 00		
		105 SPUD 12/28/1967	COMP 01/15/1968 ROTARY		

06/08/78

C 16

PETROLEUM INFORMATION CORP

PAGE 822

SUB FILE GEOTHERMAL LISTING

33 N 162 W 93 25

40101 DST 01 6626- 6652 353MIDL 6639 S002
40131 FINAL OP 2H IFF 64 FFP 166 BHT 175F
40201 DST 02 6661- 6679 352RIVL 6670 S004
40231 FINAL OP 1H IFF 63 FFP 127 BHT 188F

35.7 °C/hm
39.1

33 N 162 W 94 28

10002 0488345210287821 0488349210287711
10010 013 00688273 9999950 910353N55N 7100468
10021 TWP N 162 RGE W 94 SEC 28 055TH PRINCIPAL
101 NDAR BURKE A 660 FNL 660 FEL C NE NE 1/4 536
102 FUNDAMENTAL OIL 1-28 BURKH-BRENNO
103 2167 KB 2158 GR WILDCAT
104 2176 ES 2166 GR P API 33-013- 00688 00
105 SPUD 12/28/1967 COMP 01/15/1968 ROTARY D&A-0
107 DTD 7100 FM/TO 353N55N
40101 DST 01 6964- 7001 351MDSN 6982 003
40131 FINAL OP 1H IFF 67 FFP 272 BHT 188F

37.3 °C/hm

33 N 162 W 95 8

10010 023 00113273 5050 3411060 911352RIVL 6770J69
10021 TWP N 162 RGE W 95 SEC 8 055TH PRINCIPAL
101 NDAR DIVIDE A 1980 FSL 660 FEL C NE SW 1/4 537
102 MARLEY J-B 1 ROUSE ETAL
103 2039 KB 2027 GR BARKOL-NOONAN
104 2036 DF 2028 GR P API 33-023- 00113 00
105 SPUD 10/18/1969 COMP 11/03/1969 ROTARY D&A-0G
107 DTD 6770 FM/TO 352RIVL
40101 DST 01 6713- 6723 353MIDL 6718 S002
40131 FINAL OP 1H IFF 71 FFP 139 BHT 176F
40201 DST 02 6743- 6770 352RIVL 6756 S003
40231 FINAL OP 2H IFF 120 FFP 309 BHT 200F

35.5 °C/hm
41.8

33 N 162 W 95 8

10002 0488704610304095 0488707610303961
10010 023 00128273 5050 9486201 110351STTA 353N55N 6825074
10021 TWP N 162 RGE W 95 SEC 8 055TH PRINCIPAL
101 NDAR DIVIDE A 1980 FSL 1980 FNL C NE SW 1/4 538
102 MESSEY ENERGY CORP 1 SMITHBURG
103 2029 KB BARKOL NOONAN
104 2034 DF 2026 GR P LSE NO API 33-023- 00128-00
105 SPUD 06/30/1974 COMP 08/20/1974 ROTARY OIL
107 DTD 6625 FM/TO 351STTA
20102 353N55N PERF JET W 2/FT 6736- 6760 GROSS 007
20150 MTR
40101 DST 01 6698- 6712 353MIDL 6705 S002
40131 FINAL OP 1H IFF 32 FFP 46 BHT 174F
40201 DST 02 6712- 6743 353MIDL 6728 S003
40202 OVERLAPS 353N55N
40231 FINAL OP 1H IFF 83 FFP 145 BHT 177F
40301 DST 03 6745- 6772 353N55N 6758 S004
40310 GAS TS IN 15M NOT GAUGED
40331 FINAL OP 1H IFF 83 FFP 345 BHT 181F
50102 353N55N PERF JET W 2/FT 6736- 6737 006

35.1 °C/hm
35.8
36.7

06/08/78

D 16

PETROLEUM INFORMATION CORP

PAGE 823

SUB FILE GEOTHERMAL LISTING

33 N 162 W 95 21

10002 0488457610302521 0488451210302425
10010 023 00098273 58500 9999960 911353MIDL 7050168
10021 TWP N 162 RGE W 95 SEC 21 055TH PRINCIPAL
101 NDAR DIVIDE A 1980 FNL 660 FNL SW 1/4 D
102 NORTHWESTERN PET 1 LAGRETT-FEB
103 2168 KB 2157 GR NOONAN
104 2165 DF 2157 GR P LSE NO API 33-023- 00098 00
105 SPUD 11/09/1967 COMP 12/14/1967 ROTARY D&A-0G
107 DTD 7050 LTD 7050 FM/TO 353MIDL
40101 DST 01 6970- 7010 353MIDL S003
40131 FINAL OP 3H IFF 45 FFP 176 BHT 188F
40201 DST 02 7010- 7030 351MDSN S004
40231 FINAL OP 3H IFF 15 FFP 196 BHT 199F

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 823

SUB FILE GEOTHERMAL LISTING

33 N 162 W 95 21 10002 0488457610302521 04884512103024
 10010 023 00098273 58500 9999960 911352MIDL 7050168
 10021 TWP N 162 RGE W 95 SEC 21 055TH PRINCIPAL
 101 NDAK DIVIDE A 1980 FNL 660 FHL SW NW/4 D 539
 102 NORTHEASTERN PET 1 LADETH FCB
 103 2168 KB 2157 GR NOUNAN
 104 2165 OF 2157 GR P LSE NO API 33-023- 00098 NO
 105 SPUD 11/09/1967 COMP 12/14/1967 ROTARY D&A-OG
 107 DTD 7050 LTD 7050 FM/TO 353MIDL
 40101 DST 01 6970- 7010 353MIDL 6970 S003
 40131 FINAL OP 3H IFF 45 FFP 176 BHT 188F
 40201 DST 02 7010- 7030 351MDSN 7020 S004
 40231 FINAL OP 3H IFF 15 FFP 196 BHT 199F

37.3°C/km
 40.0°C/km

33 N 162 W 103 35 10002 0488107510401692 0488112710401804
 10010 023 00105273 3100 7940010 911352MSNC 7060370
 10021 TWP N 162 RGE W 103 SEC 35 055TH PRINCIPAL
 101 NDAK DIVIDE A 1320 FSL 1320 FEL SE WO 540
 102 SIGNAL EXPLORATION ETAL 1 TORBERSON
 103 2114 KB 2103 GR GOOSE LAKE EAST
 104 2113 OF 2103 GR P LSE NO API 33-023- 00105-00
 105 SPUD 05/24/1968 COMP 06/06/1968 ROTARY D&A-OG
 107 DTD 7055 LTD 7060 FM/TO 352MSNC
 40101 DST 01 6910- 6953 354RCLF 6980 MISRUN 004
 40201 DST 02 6969- 6990 354RCLF 6980 S005
 40231 FINAL OP 1H30M IFF 100 FFP 512 BHP 183F

36.0°C/km

33 N 163 W 75 10 10002 0489567510037276 0489564910037204
 10010 009 01003273 9999950 900352TLST 3433970
 10021 TWP N 163 RGE W 75 SEC 10 055TH PRINCIPAL
 101 NDAK BITTNEAU A 1980 FSL 1980 FHL C NE SW/4 WF 541
 102 WILHITE ETAL 1 WILHITE MARK
 103 2145 KB 2136 GR WILDCAT
 104 2147 OF 2139 GR P LSE NO API 33-009- 01003-00
 105 SPUD 05/29/1969 COMP 06/05/1969 ROTARY D&A
 107 DTD 3433 FM/TO 352TLST
 40101 DST 01 3330- 3372 501SPRF 002
 40102 OVERLAPS 351MDSN
 40131 FINAL OP 1H IFF 83 FFP 274 BHT 92F

33 N 163 W 77 10 10002 0489567310062933 0489584210062961
 10010 009 01015273 1371550 900351LDGP 3270569
 10021 TWP N 163 RGE W 77 SEC 10 055TH PRINCIPAL
 101 NDAK BITTNEAU A 1980 FSL 1980 FEL C NW SE/4 WF 542
 102 CHAMPLIN PETROLEUM 1 FARRHEATHER
 103 1633 KB 1624 GR WILDCAT
 104 1634 ES 1626 GR P API 33-009- 01015 00
 105 SPUD 05/09/1969 COMP 05/12/1969 ROTARY D&A
 107 DTD 3270 LTD 3267 FM/TO 351LDGP
 40101 DST 01 3100- 3110 352TLST 003
 40102 OVERLAPS 000UCFM

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 824

SUB FILE GEOTHERMAL LISTING

33 N 163 W 77 10 40131 FINAL OP 1H55M IFF 41 FFP 242 BHT 102F
 33 N 163 W 78 3 10002 0489781110076131 0489777410076047
 10010 009 01280273 47800 64710 911352TLST 3200478
 10021 TWP N 163 RGE W 78 SEC 3 055TH PRINCIPAL
 101 NDAK BITTNEAU A 660 FNL 1980 FEL C NW NE WO WO
 102 ALASKA OIL & MINERALS 1 JORANSTEAD
 103 1534 KB 1525 GR LANDA NORTHEAST
 104 API 33 009 01280 00
 105 SPUD 04/12/1978 COMP 04/20/1978 ROTARY D&A-OG
 107 DTD 3200 FM/TO 352TLST
 40101 DST 01 7041- 7057 352MSNC 5002

06/08/78

PETROLEUM INFORMATION CORP

PAGE 824

SUB FILE GEOTHERMAL LISTING

33 N 163 W 77 10 40131 FINAL OP 1P55M IFF 41 FFP 242 BHT 102F △

33 N 163 W 78 3 10002 0489781110076131 048977741007604/

10010 009 01280273 47800 64710 91135215T 3200478

10021 TWP N 163 RGE W 78 SEC 3 055TH PRINCIPAL

101 NDAK BITTNEAU A 660 FNL 1980 FEL C NW NE W0 543

102 ALASKA OIL & MINERALS 1 JORRAARSTED

103 1534 KB 1525 GR LANDA NORTHEAST

104 API 33 009 01280 00

105 SPUD 04/12/1978 COMP 04/20/1978 ROTARY D&A-OG

107 DTD 3200 FM/TO 35215T

40101 DST 01 3041- 3053 352MSNC S002 △

40131 FINAL OP 1H30M IFF 24 FFP 40 BHT 102F

40201 DST 02 3053- 3073 352MSNC S003

40231 FINAL OP 1H30M IFF 56 FFP 137

33 N 163 W 78 10 10002 0489569910075658 0489584210075693

10010 009 00901273 77600 8325011 110351MDSN 352MSNC 3112366

10021 TWP N 163 RGE W 78 SEC 10 055TH PRINCIPAL

101 NDAK BITTNEAU A 1980 FSL 660 FEL NE SW W0E 544

102 WILMITE J BRENDEN

103 1518 KB 1511 GR SCANDIA E

104 1518 DF 1511 GR P LSE NO 1684 API 33-009- 00901 00

105 SPUD 08/21/1965 COMP 10/12/1965 ROTARY OIL

107 DTD 3112 PB 3070 FM/TO 351MDSN

111 CSG 2 3/8 @ 3060 OF

20102 352MSNC PERF JET W/ 4/FT 30 - 3065 007

40101 DST 01 3056- 3085 352MSNC 3070 S003

40110 GAS TS IN 15M 6 FT FLARE THRUOUT

40131 FINAL OP 1H IFF 137 FFP 325 BHT 115F

50102 352MSNC PERF JET W/ 4/FT 3062- 3065 006

33 N 163 W 79 7 10002 0489577210095829 0489578710095771

10010 009 00928273 78500 9999961 110351MDSN 353MIDL 3285466

10021 TWP N 163 RGE W 79 SEC 7 055TH PRINCIPAL

101 NDAK BITTNEAU A 2130 FSL 1830 FEL NW SW D DO 545

102 TIDDENS-PETROLEUM 2 MONK-FEDERAL

103 1499 KB 1490 GR SCOTIA

104 1492 DF 1486 GR P LSE NO 1650 API 33-009- 00928 00

105 SPUD 03/29/1966 COMP 04/09/1966 ROTARY OIL

107 DTD 3285 PB 3254 FM/TO 351MDSN

20102 353MIDL PERF W/ 4/FT 3224- 3242 006

40101 DST 01 3224- 3249 353MIDL 3236 S002

40131 FINAL OP 2H IFF 394 FFP 394 BHT 110F

40201 DST 02 3226- 3249 353MIDL 3238 003

40231 FINAL OP 2H IFF 90 FFP 377 BHT 110F

40301 DST 03 3250- 3279 353MIDL S004

40331 FINAL OP 2H IFF 60 FFP 215

33 N 163 W 79 19 10002 0489353310095834 0489336410095810

10010 009 01143273 78500 641610 911351MDSN 3351977

41.6°C/km

36.6°C/km
36.6

06/08/78

PETROLEUM INFORMATION CORP

PAGE 825

SUB FILE GEOTHERMAL LISTING

33 N 163 W 79 19 10021 TWP N 163 RGE W 79 SEC 19 055TH PRINCIPAL

101 NDAK BITTNEAU A 660 FNL 1980 FEL C NW NE W0

102 BILLS DON ETAL 1 ELEFSUM

103 1482 GR SCOTIA

104 1488 DF 1480 P API 33 009 01143 00

105 SPUD 10/28/1974 COMP 10/28/1974 ROTARY D&A-OG

107 DTD 3351 LTD 3347 FM/TO 351MDSN

40101 DST 01 3260- 3272 353MIDL S002

40131 FINAL OP 1H IFF 70 FFP 89 BHT 105F

40201 DST 02 3258- 3280 353MIDL S003

40231 FINAL OP 1H45M IFF 108 FFP 211 BHT 108F

33 N 163 W 79 21 10002 0489318310091993 0489317610092008

10010 009 01039273 78500 1371550 900352MSNC 3354369

10021 TWP N 163 RGE W 79 SEC 21 055TH PRINCIPAL

06/08/78

PETROLEUM INFORMATION CORP

PAGE 825

SUB FILE GEOTHERMAL LISTING

33 N 163 W 79 19 10021 TWP N 163 RGE W 79 SEC 19 055TH PRINCIPAL
 101 NOK BTNEAU A 660 FSL 1980 FSL C NH NE 10 110 546
 102 BILLS BOH ETAL 1 ELEFSAN
 103 1482 GR SCOTIA
 104 1488 DF 1480 P API 33 009 01143 00
 105 SPUD 10/28/1974 COMP 10/28/1974 ROTARY DLA-OG
 107 DTD 3351 LTD 3347 FM/TD 351MDSH
 40101 DST 01 3260- 3272 353MIDL 5002
 40131 FINAL OP 1H IFF 70 FFP 89 BHT 105F
 40201 DST 02 3258- 3280 353MIDL 3269 5003
 40231 FINAL OP 1H45H IFF 108 FFP 211 BHT 100F

33 N 163 W 79 21 10002 0489318310091993 0489317610092008
 10010 009 01039273 1371550 900352MSNC 3354J69
 10021 TWP N 163 RGE W 79 SEC 21 055TH PRINCIPAL
 101 NOK BTNEAU A 1980 FSL 1980 FSL C SE NW HF 547
 102 CHAMPLIN PETROLEUM 1 RING
 103 1495 KB 1487 GR WILDCAT
 104 1494 DF 1436 GR P LSE NO API 33-009- 01039-00
 105 SPUD 11/08/1969 COMP 11/19/1969 ROTARY DLA
 107 DTD 3354 LTD 3353 FM/TD 352MSNC
 40101 DST 01 3215- 3230 501SPRF 002
 40131 FINAL OP OH20H IFF 16 FFP 26 BHT 102F
 4 201 DST 02 3326- 3344 352MSNC 3335 003
 40231 FINAL OP OH45H IFF 94 FFP 162 BHT 111F WEAK BLOW

33 N 163 W 79 23 10002 0489278510088186 0489264910088118
 10010 009 01191273 47775 804006 110351MDSH 501SPRF 3300578
 10021 TWP N 163 RGE W 79 SEC 23 055TH PRINCIPAL
 101 NOK BTNEAU A 2080 FSL 660 FSL N2 NW SHD WSD 548
 102 SMITH FANCHER 23-12 RING
 103 1503 KB 1492 GR LANDA
 104 1500 DF 1492 P API 33 009 01191 00
 105 SPUD 01/11/1976 COMP 08/15/1976 ROTARY OIL
 107 DTD 3300 LTD 3298 FM/TD 351MDSH
 20102 501SPRF PERF 3150- 3168 501SPRF 3152- 3157 004
 40101 DST 01 3150- 3168 501SPRF 5002
 40102 OVERLAPS 352MSNC
 40110 GAS TS IN 10M
 40131 FINAL OP 1H30M IFF 32 FFP 85 BHT 100F

33 N 163 W 79 27 10002 0489100810089820 0489099610089771
 10010 009 00992273 1371551 110351STTA 353MIDL 3290K68
 10021 TWP N 163 RGE W 79 SEC 27 055TH PRINCIPAL
 101 NOK BTNEAU A 660 FSL 1982 FSL E2 SE SHD WFD 549
 102 CHAMPLIN PETROLEUM 1 TRIP STAR
 103 1499 KB 1491 GR WILDCAT
 104 1495 DF 1489 GR P LSE NO API 33-009- 00992-00
 105 SPUD 10/24/1968 COMP 11/27/1968 ROTARY OIL
 107 DTD 3290 PB 3258 FM/TD 351STTA
 20102 353MIDL PERF W/ 32/FT 3204- 3226 GROSS 008

06/08/78

PETROLEUM INFORMATION CORP

PAGE 826

SUB FILE GEOTHERMAL LISTING

33 N 163 W 79 27 40101 DST 01 3203- 3225 353MIDL MISRUN 002
 40201 DST 1A 3203- 3228 353MIDL 5003
 40210 GAS TS IN 08M
 40211 OIL TS IN 1H45M
 40231 FINAL OP 2H IFF 164 FFP 980 BHT 104F
 40301 DST 02 3230- 3290 351STTA 5004
 40331 FINAL OP 1H IFF 59 FFP 85
 50102 353MIDL PERF W/ 2/FT 3204- 3226 006
 50202 353MIDL PERF W/ 2/FT 3204- 3226 007

33 N 163 W 79 27 10002 0489101310088704 0489100910088685
 10010 009 00998273 47775 1371561 110351STTA 353MIDL 3300269
 10021 TWP N 163 RGE W 79 SEC 27 055TH PRINCIPAL
 101 NOK BTNEAU A 660 FSL 660 FSL C SE SE D DO
 102 CHAMPLIN PETROLEUM 1 CLEVEN ETAL

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 826

SUB FILE GEOTHERMAL LISTING

33 N 163 W 79 27 40101 DST 01 3203- 3225 353MIDL MISRUN 002
 40201 DST 1A 3203- 3228 353MIDL S003
 40210 GAS TS IN OBM
 40211 OIL TS IN 1H45M
 40231 FINAL OP 2H IFF 124 FFP 980 BHT 104F
 40301 DST 02 3230- 3290 351STTA S004
 40331 FINAL OP 1H IFF 59 FFP 85
 50102 353MIDL PERF W/ 2/FT 3204- 3226 006
 50202 353MIDL PERF W/ 2/FT 3204- 3226 007

33 N 163 W 79 27 10002 0489101310088704 0489100910088685
 10010 009 00998273 47775 1371561 110351STTA 353MIDL 3300269
 10021 TWP N 163 RGE W 79 SEC 27 055TH PRINCIPAL
 101 NDAK BTTHEAU H 660 FSL 660 FEL C SE NE D DO 550
 102 CHAMPLAIN PETROLEUM 1 CLEVELAND
 103 1498 KB 1490 GR LANDA
 104 1500 ES 1490 GR P API 33-009- 00998 00
 105 SPUD 12/28/1968 COMP 01/25/1969 ROTARY OIL
 107 DTD 3300 LTD 3299 PB 3261 FM/TO 351STTA
 20102 353MIDL PERF W/ 2/FT 3174- 3192 004
 40101 DST 01 STRD 3168 3194 353MIDL 3181 S002
 40131 FINAL OP 1H IFF 60 FFP 404 BHT 115F

33 N 163 W 79 27 10002 0489136110090399 0489136410090331
 10010 009 00999273 47775 1371561 110351STTA 353MIDL 3316369
 10021 TWP N 163 RGE W 79 SEC 27 055TH PRINCIPAL
 101 NDAK BTTHEAU A 1980 FSL 660 FSL C NW SW D DO 551
 102 CHAMPLAIN PETROLEUM 2 TRESTAD
 103 1499 KB 1491 GR LANDA
 104 1499 ES 1489 GR P API 33-009- 00999 00
 105 SPUD 02/05/1969 COMP 03/03/1969 ROTARY OIL
 107 DTD 3316 LTD 3316 PB 3281 FM/TO 351STTA
 20102 353MIDL PERF 3230- 3235 005
 40101 DST 01 STRD 3220- 3250 353MIDL S
 40131 FINAL OP 1H IFF 595 BHT 105F
 50102 353MIDL PERF W/ 3/FT 3230- 3235 003
 50202 353MIDL PERF W/ 3/FT 3230- 3235 004

33 N 163 W 79 28 10002 0489138410090948 0489173710090878
 10010 009 01002273 47775 1371560 911353MIDL 3330170
 10021 TWP N 163 RGE W 79 SEC 23 055TH PRINCIPAL
 101 NDAK BTTHEAU A 1980 FSL 660 FEL C SE NE D D 552
 102 CHAMPLAIN PETROLEUM 1 GRANN
 103 1498 KB 1490 GR LANDA
 104 1496 DF 1486 GR P LSE NO API 33-009- 01002-00
 105 SPUD 01/04/1970 COMP 01/10/1970 ROTARY OIL
 107 DTD 3330 FM/TO 353MIDL
 40101 DST 01 3221- 3257 353MIDL S002
 40131 FINAL OP 1H IFF 51 FFP 192 BHT 105F

33 N 163 W 79 28 10002 0489206410091521 0489193610091380

40.1°C / 10m

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 827

SUB FILE GEOTHERMAL LISTING

33 N 163 W 79 28 10010 009 01185273 4775 4533761 110351MDSN 353MIDL 3294976
 10021 TWP N 163 RGE W 79 SEC 28 055TH PRINCIPAL
 101 NDAK BTTHEAU A 660 FSL 1980 FEL C NW NE D DO
 102 KISSINGER PET ETAL 2-28 GRANN
 103 1498 KB 1485 GR LANDA
 104 1496 DF 1488 GR P LSE NO API 33-009- 01189-00
 105 SPUD 03/04/1976 COMP 05/12/1976 POTARY OIL
 107 DTD 3290 LTD 3294 FM/TO 351MDSN
 20102 353MIDL PERF W/ 4/FT 3218- 3228 005
 20150 WTR
 40101 DST 01 3213- 3241 353MIDL S003
 40131 IFF 0 FFP 32 BHT 106F

33 N 163 W 79 28 10002 0489066810089259 0489066110089228

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 827

SUB FILE GEOTHERMAL LISTING

H 16

33 N 163 W 79 28 10010 009 01189273 4775 4633761 110351MDSN 353MIDL 3294976
 10021 TWP N 163 RGE W 79 SEC 28 055TH PRINCIPAL
 101 NDAK (BTTNEAU) A 660 FNL 1980 FEL C SE NW 40 DO 553
 102 KISSNER PETRO
 103 1495 KB 1485 GR LANDA
 104 1496 OF 1488 GR P LSE NO API 33-009- 01189-00
 105 SPUD 08/04/1976 COMP 09/12/1976 ROTARY OIL
 107 OTD 3290 LTD 3294 FM/TO 351MDSN
 20102 353MIDL PERF W/ 4/FT 3218- 3228 005
 20150 HTR
 40101 DST 01 3213- 3241 353MIDL 5003
 40131 IFP O FFP 32 BHT 106F

33 N 163 W 79 34 10002 0489066810089269 0489066110089228
 10010 009 00995273 47775 1371511 110351STTA 353MIDL 3275169
 10021 TWP N 163 RGE W 79 SEC 34 055TH PRINCIPAL
 101 NDAK (BTTNEAU) A 660 FNL 1980 FEL C SE NW 40 DO 554
 102 CHARLTON PETROLEUM 1 THOMPSON
 103 1496 KB 1488 GR LANDA
 104 1498 ES 1488 GR P API 33-009- 00995 00
 105 SPUD 12/05/1968 COMP 12/30/1968 ROTARY OIL
 107 OTD 3275 LTD 3273 PB 3239 FM/TO 351STTA
 20102 353MIDL PERF 3201- 3226 008
 40101 DST 01 3190- 3222 353MIDL SC04
 40110 GAS TS IN 26M
 40131 FINAL OP 1M26M IFP 201 FFP 470 BHT 98F
 50102 353MIDL PERF 3201- 3226 006
 50202 353MIDL PERF 3201- 3226 007

33 N 163 W 79 34 10002 0489030010089834 04890292100897E4
 10010 009 00996273 47775 1371560 900351STTA 3291169
 10021 TWP N 163 RGE W 79 SEC 34 055TH PRINCIPAL
 101 NDAK (BTTNEAU) A 1980 FNL 1980 FNL C SE NW 40 D 555
 102 CHARLTON PETROLEUM 2 THOMPSON
 103 1500 KB 1489 GR LANDA
 104 1496 OF 1486 GR P LSE NO API 33-009- 00996-00
 105 SPUD 12/13/1968 COMP 12/23/1968 ROTARY OIL
 107 OTD 3291 FM/TO 351STTA
 40101 DST 01 STRO 3208- 3226 353MIDL
 40131 FINAL OP 0M20M IFP 27 FFP 31 BHT 100F
 40201 DST 02 3224- 3291 351STTA MISRUN 003
 40231 FINAL OP 0M16M IFP NO FFP 68
 40301 DST 03 3210- 3291 353MIDL MISRUN 004
 40302 OVERLAPS 351STTA

33 N 163 W 79 35 10002 0489062410088130 0489064910088137
 10010 009 01000273 47775 1371561 110351STTA 353MIDL 3247569
 10021 TWP N 163 RGE W 79 SEC 35 055TH PRINCIPAL
 101 NDAK (BTTNEAU) A 680 FNL 680 FNL C SE NW 40 DO 556
 102 CHARLTON PETROLEUM 1-A CLEVELAND
 103 1492 KB 1487 GR LANDA

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 828

SUB FILE GEOTHERMAL LISTING

H 16

33 N 163 W 79 35 104 1497 ES 1487 GR P API 33-009- 01000 00
 105 SPUD 03/18/1969 COMP 04/29/1969 ROTARY OIL
 107 OTD 3245 LTD 3247 PB 3209 FM/TO 351STTA
 20102 353MIDL PERF W/ 2/FT 3164- 3179 GROSS 007
 40101 DST 01 STRO 3162- 3180 353MIDL 5002
 40131 FINAL OP 1M IFP 69 FFP 133 BHT 102F
 50102 353MIDL PERF W/ 2/FT 3164- 3179 GROSS 004
 50202 353MIDL PERF 3164- 3179 GROSS 005
 50302 353MIDL PERF 3164- 3179 GROSS 006

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 828

SUB FILE GEOTHERMAL LISTING

33 N 163 W 79 35 104 1497 ES 1487 GR P API 33-009- 01000 00
 105 SPUD 03/18/1969 COMP 04/29/1969 ROTARY OIL
 107 DTD 3245 LTD 3247 PB 3209 FM/TO 351STTA
 20102 353MIDL PERF W/ 2/FT 3164- 3179 GROSS 007
 40101 DST 01 STRD 3162- 3190 353MIDL S002
 40131 FINAL OP 1H IFF 69 FFP 133 BHT 102F
 50102 353MIDL PERF W/ 2/FT 3164- 3179 GROSS 004
 50202 353MIDL PERF 3164- 3179 GROSS 005
 50302 353MIDL PERF 3164- 3179 GROSS 006

33 N 163 W 79 36 10002 0488983010035980 0488969710085934
 10010 009 01102273 75250 8120560 900352MSNC 3402573
 10021 TWP N 163 RGE W 79 SEC 36 055TH PRINCIPAL
 101 NDA BITHEAD A 1980 FSL 660 FNL (C) N H E D 557
 102 SOHIO PETROLEUM 1 CLIFF ROSS/EDT
 103 1500 KB 1491 GR ROTH WEST
 104 API 33 009 01102 00
 105 SPUD 04/13/1973 COMP 04/21/1973 ROTARY D&A
 107 DTD 3400 LTD 3402 FM/TO 352MSNC
 40101 DST 01 3119- 3150 501SPRF 3134 002
 40131 30M IFF 1411 FFP 1439 BHT 110F
 40201 DST 02 STRD 3190- 3226 352MSNC 3208 S003
 40231 FINAL OP 1H IFF 48 FFP 142 BHT 114F

37.8°C / km

39.2

33 N 163 W 80 1 10002 0489664910098252 048968881009798.3
 10010 009 00873273 91500 1371361 110351MDSN 353CRLS 3270:66
 10021 TWP N 163 RGE W 80 SEC 1 055TH PRINCIPAL
 101 NDA BITHEAD A 990 FSL 1650 FNL (C) N H E D DO 558
 102 CHANDLER & ASSOCIATES 1 FEDERAL ATLD LIFE
 103 1476 KB 1469 GR WESTHOPE N
 104 1472 DF 1468 GR P LSE NO 1627 API 33-009- 00873 00
 105 SPUD 04/01/1965 COMP 05/08/1965 ROTARY OIL
 107 DTD 3270 LTD 3270 PB 3241 FM/TO 351MDSN
 20102 353CRLS PERF JET W/ 4/FT 3226- 3229 005
 40101 DST 01 3206- 3239 353CRLS 3222 S003
 40131 FINAL OP 2H IFF 62 FFP 137 BHT 108F

35.6°C / km

33 N 163 W 80 28 10002 0489207810104625 0489198410104557
 10010 009 01074273 91000 9999960 911353MIDL 3453372
 10021 TWP N 163 RGE W 80 SEC 28 055TH PRINCIPAL
 101 NDA BITHEAD A 660 FNL 1980 FNL (C) N H E D 559
 102 MOUNTAIN MINERALS 31-28 EDITH BERENTSON
 103 1503 KB 1493 GR WESTHOPE
 104 API 33-009- 01074 00
 105 SPUD 10/10/1971 COMP 11/16/1971 ROTARY D&A-OG
 107 DTD 3453 FM/TO 353MIDL
 40101 DST 01 3359- 3398 359MSSP S003
 40102 OVERLAPS 3538MSL
 40131 FINAL OP 1H IFF 75 FFP 61 BHT 102F
 40201 DST 2A STRD 3328- 3356 501SPRF NISRUN 004
 40202 OVERLAPS 359MSSP

J 16

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 829

SUB FILE GEOTHERMAL LISTING

33 N 163 W 80 28 40301 DST 2B STRD 3340- 3358 501SPRF NISRUN 005
 40302 OVERLAPS 359MSSP
 40401 DST 03 3337- 3365 501SPRF S006
 40402 OVERLAPS 359MSSP
 40431 FINAL OP 1H IFF 65 FFP 65
 50102 501SPRF PERF JET 3344- 3345 008

33 N 163 W 80 28 10002 0489094910105678 0489077110105606
 10010 009 01149273 9533750 900353MIDL 3507977
 10021 TWP N 163 RGE W 80 SEC 28 055TH PRINCIPAL

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 829

SUB FILE GEOTHERMAL LISTING

33 N 163 W 80 28 40301 DST 28 STRD 3340- 3358 501SPRF MISRUN 005
 40302 OVERLAPS 359HSSP
 40401 DST 03 3334- 3365 501SPRF S006
 40402 OVERLAPS 359HSSP
 40431 FINAL OP 1H IFF 65 FFP 65
 50102 501SPRF PERF JET 3344- 3345 008

33 N 163 W 80 28 10002 0489094910105678 0489077110105606
 10010 009 01149273 4533750 900353MIDL 3507977
 10021 TWP N 163 RGE W 80 SEC 28 055TH PRINCIPAL
 101 NOK BTTNEAU A 660 FSL 660 FNL SW SW WF 560
 102 KISSINGER PETROLEUM 13-28 BERENTSON
 103 1500 GR WILDCAT
 104 1503 OF 1495 P API 33 009 01149 00
 105 SPUD 12/11/1974 COMP 12/18/1974 ROTARY D&A
 107 DTD 3507 FM/TD 353MIDL
 40101 DST 01 3386- 3420 359HSSP 3403 003
 40131 FINAL OP 1H IFF 80 FFP 175 BHT 112F

35.9°C / hr

33 N 163 W 81 8 10002 0489635710120429 0489631610120386
 10010 009 01045273 9999950 911109PCMB 7582170
 10021 TWP N 163 RGE W 81 SEC 8 055TH PRINCIPAL
 101 NOK BTTNEAU A 660 FNL 1980 FNL C NE NW WF 561
 102 LAMAR MOUNT 1 W CRANSTON
 103 1518 KB 1506 GR WILDCAT
 104 1515 OF 1506 GR P LSE NO API 33-009- 01045-00
 105 SPUD 12/20/1969 COMP 01/21/1970 ROTARY D&A-OG
 107 DTD 7582 FM/TD 109PCMB
 40101 DST 01 3552- 3580 352H5NC S002
 40102 OVERLAPS 352H5NC
 40131 FINAL OP 2H IFF 179 FFP 508 BHT 115F 3566
 40201 DST 02 5922- 5942 302HPS
 40231 FINAL OP 2H IFF 103 FFP 131 003

35.8 °C / hr

33 N 163 W 81 12 10002 0489540610111806 0489515510111643
 10010 009 01154273 47500 9999960 911353MIDL 3410475
 10021 TWP N 163 RGE W 31 SEC 12 055TH PRINCIPAL
 101 NOK BTTNEAU A 820 FSL 1820 FNL NH SE SW D 562
 102 WALKER WHEELS L 1 MAHONEY
 103 1510 KB KUROKI
 104 1509 OF 1501 GR P LSE NO API 33-009- 01154-00
 105 SPUD 03/24/1975 COMP 03/29/1975 ROTARY D&A-OG
 107 DTD 3410 FM/TD 353MIDL
 40101 DST 01 3384- 3400 353MIDL 3302 S002
 40110 GAS TS IN OH30M NOT GUARDED
 40131 FINAL OP 1H IFF 168 FFP 198 BHT 102F

33 N 163 W 81 26 10002 0489204610113249 0489183310113076
 10010 009 01196273 4533750 911351MDSN 3535076
 10021 TWP N 163 RGE W 81 SEC 26 066TH PRINCIPAL
 101 NOK BTTNEAU A 660 FNL 1980 FNL C NW NE WF 563

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 830

SUB FILE GEOTHERMAL LISTING

33 N 163 W 81 26 102 KISSINGER PET 2-26 DANSTROM
 103 1509 KB 1499 GR WILDCAT
 134 API 33 009 01196 00
 135 SPUD 06/29/1976 COMP 07/06/1976 ROTARY D&A-OG
 137 DTD 3535 FM/TD 351MDSN
 43101 DST 01 3432- 3476 353CRLSU S003
 43102 OVERLAPS 351STTA
 43131 FINAL OP 1H IFF 138 FFP 329 BHT 111F

33 N 163 W 82 9 10002 048960010131732 0489571610131701
 10010 009 01112273 7281050 900352H5NC 3847077

06/08/78

PETROLEUM INFORMATION CORP

PAGE 830

K 16

SUB FILE GEOTHERMAL LISTING

33 N 163 W 81 26 102 KISSINGER PET 2-26 DAMSTROM
 103 1509 KB 1499 GR WILDCAT
 134 API 33 009 01196 00
 135 SPUD 06/29/1976 COMP 07/06/1976 ROTARY O&A-OG
 137 DTD 3535 FM/TO 351MDSN
 40101 DST 01 3432- 3476 353CRLSU 3454 S003
 40102 OVERLAPS 351STTA
 40131 FINAL OP 1H30M IFF 138 FFP 329 BHT 111F

33 N 163 W 82 9 10002 0489600410131732 0489571610131703
 10010 009 01112273 7281050 900352MSNC 3847077
 10021 TWP N 163 RGE W 82 SEC 9 055TH PRINCIPAL
 101 NDAK BTINEAU P 1980 FNL 810 FNL 12 SH ND HF WF 564
 102 KOCH EXPLORATION 1 HAZEL SHITTA
 103 1542 KB 1533 GR WILDCAT
 104 1541 DF 1532 P API 33 009 01112 00
 105 SPUD 07/14/1973 COMP 07/22/1973 ROTARY O&A-OG
 107 DTD 3847 FM/TO 352MSNC
 40101 DST 01 3745- 3756 352MSNC 002
 40102 OVERLAPS 353KBBY
 40131 FINAL OP 1H IFF 281 FFP 759 BHT 105F

33 N 163 W 82 15 10002 0489385810129054 0489386510129177
 10010 009 00968273 33552 9999960 911352MSNC 3835367
 10021 TWP N 163 RGE W 82 SEC 15 055TH PRINCIPAL
 101 NDAK BTINEAU A 660 FSL 2130 FNL SE SH ND D 565
 102 CHANDLER & ASSOCIATES 1 ARTZ HULE CREEK
 103 1542 KB 1532 GR HAAS NORTH
 104 1540 FS 1532 GR P API 33-009- 00968 00
 105 SPUD 02/21/1967 COMP 03/02/1967 ROTARY O&A-OG
 107 DTD 3835 LTD 3833 FM/TO 352MSNC
 40101 DST 01 3730- 3744 351MDSN S002
 40131 FINAL OP 2H IFF 79 FFP 106 BHT 112F
 40201 DST 02 3801- 3815 352MSNC 003
 40231 FINAL OP 2H IFF 126 FFP 479 BHT 110F

33 N 163 W 82 16 10002 0489386310130357 0489383910130468
 10010 009 00956273 33552 9999961 110352MSNC 353KBBY 3860K66
 10021 TWP N 163 RGE W 82 SEC 16 055TH PRINCIPAL
 101 NDAK BTINEAU A 660 FSL 660 FEL SE SH ND DO 566
 102 CHANDLER & ASSOCIATES 1 ARTZ A
 103 1540 KB HAAS NORTH
 104 1539 DF 1530 GR P LSE NO 1693 API 33-009- 00956 00
 105 SPUD 11/12/1966 COMP 12/10/1966 ROTARY OIL
 107 DTD 3860 FM/TO 352MSNC
 20102 353KBBY PERF 3744- 3749 008
 40101 DST 01 3582- 3600 353MDSL 3549 S002
 40131 FINAL OP 0H30M IFF 30 FFP 281 BHT 120F
 40201 DST 02 3739- 3756 353KBBY 3748 S004
 40231 FINAL OP 1H30M IFF 30 FFP 31 BHT 118F
 40301 DST 03 3803- 3820 352MSNC S005

38.1 ocf/hm
 35.5

06/08/78

PETROLEUM INFORMATION CORP

PAGE 831

L 16

SUB FILE GEOTHERMAL LISTING

33 N 163 W 82 16 40331 FINAL OP 0H55M IFF 67 FFP 973 BHT 123F
 50102 353KBBY PERF W/ 4/FT 3744- 3749 007

33 N 163 W 82 17 10002 0489388310132436 0489387810132570
 10010 009 00922273 33552 1371360 911351MDSN 3910K65
 10021 TWP N 163 RGE W 82 SEC 17 055TH PRINCIPAL
 101 NDAK BTINEAU A 660 FSL 660 FEL SE SH ND D
 102 CHANDLER & ASSOCIATES 1 TOFTELAND-FLB
 103 1546 KB 1539 GR HAAS N
 104 1546 DF 1541 GR P LSE NO 367 API 33-009- 00922 00
 105 SPUD 12/11/1965 COMP 12/18/1965 ROTARY O&A-OG
 107 DTD 3910 LTD 3908 FM/TO 351MDSN
 40101 DST 01 3825- 3854 351MDSN S003

06/08/78

PETROLEUM INFORMATION CORP

PAGE 831

SUB FILE GEOTHERMAL LISTING

33 N 163 W 82 16 40331 FINAL OP OH55M IFF 67 FFP 973 BHT 120F
 50102 353KBBY PERF W/ 4/FT 3744- 3749 007

33 N 163 W 82 17 10002 0489388310132436 0489387810132570
 10010 009 00922273 33552 1371360 911351MDSN 3910K65
 10021 TWP N 163 RGE W 82 SEC 17 055TH PRINCIPAL
 101 NOAK BITNEAU A 660 FSL 660 FEL SE NE D 567
 102 CHANDLER ASSOCIATES 1 TOTTELAND FLB
 103 1546 KB 1539 GR MARS N
 104 1546 OF 1541 GR P LSE NO 367 API 33-009- 00922 00
 105 SPUD 12/11/1965 COMP 12/18/1965 ROTARY OIA-06
 107 DTD 3910 LTD 3908 FM/TO 351MDSN
 40101 DST 01 3825 3854 351MDSN 3840 5003
 40131 FINAL OP 1M30M IFF 79 FFP 186 BHT 118F 0

33 N 163 W 82 20 10002 0489279010132465 0489276510132502
 10010 009 00917273 33552 1371361 110352MDSN 352MDSN 3892166
 10021 TWP N 163 RGE W 82 SEC 20 055TH PRINCIPAL
 101 NOAK BITNEAU A 1980 FSL 660 FEL NE SE DO 568
 102 CHANDLER ASSOCIATES 1 ANDERSON
 103 1553 KB 1546 GR MARS N
 104 1551 OF 1546 GR P LSE NO 1628 API 33-009- 00917 00
 105 SPUD 11/09/1965 COMP 12/25/1965 ROTARY OIL
 107 DTD 3892 FM/TO 352MDSN
 20102 352MDSN PERF JET W/ 4/FT 3878- 3883 010
 40101 DST 01 3829- 3844 351MDSN 3836 5003
 40131 FINAL OP 1M30M IFF 70 FFP 221 BHT 135F
 40201 DST 02 3877- 3892 352MDSN 5004
 40231 FINAL OP 1M30M IFF 69 FFP 117
 40301 DST 03 STRD 3664- 3686 353MSSN 3675 5005
 40331 FINAL OP 1M IFF 69 FFP 183 BHT 135F
 50102 352MDSN PERF JET W/ 4/FT 3878- 3883 007
 50202 352MDSN PERF JET W/ 4/FT 3878- 3883 008
 50302 352MDSN PERF JET W/ 4/FT 3878- 3883 009

42.8 °C/bm
 44.8 °C/bm

33 N 163 W 82 20 10002 0489315110132518 0489314410132575
 10010 009 00958273 33552 9999961 110352MDSN 351STTA 3900367
 10021 TWP N 163 RGE W 82 SEC 20 055TH PRINCIPAL
 101 NOAK BITNEAU A 1980 FNL 660 FEL SE NE D DO 569
 102 CHANDLER ASSOCIATES 1 SCHWARTZ
 103 1556 KB 1546 GR MARS NORTH
 104 1552 ES 1543 GR P API 33-009- 00958 00
 105 SPUD 12/03/1966 COMP 02/25/1967 ROTARY OIL
 107 DTD 3900 LTD 3898 PB 3865 FM/TO 352MDSN
 20102 351STTA PERF 3810- 3816 013
 40101 DST 01 3810- 3831 351STTA 5003
 40110 GAS TS IN 20M
 40131 FINAL OP 1M IFF 72 FFP 186 BHT 112F
 40201 DST 02 3647- 3676 353MIDL 5004
 40231 FINAL OP 1M30M IFF 47 FFP 338 BHT 111F
 50102 351STTA PERF W/ 4/FT 3810- 3816 006

06/08/78

PETROLEUM INFORMATION CORP

PAGE 832

SUB FILE GEOTHERMAL LISTING

33 N 163 W 82 20 50202 351STTA PERF W/ 3/FT 3752- 3754 007
 50302 351STTA PERF 3810- 3816 008
 50402 351STTA PERF W/ 3/FT 3810- 3816 009
 50502 351STTA PERF 3810- 3816 010
 50602 352MDSN PERF 3861- 3861 011
 50702 351STTA PERF 3810- 3816 012

33 N 163 W 82 21 10002 0489316010130383 0489312310130415
 10010 009 00935273 33552 9999961 110351MDSN 351MDSN 3845866
 10021 TWP N 163 RGE W 82 SEC 21 055TH PRINCIPAL
 101 NOAK BITNEAU A 1980 FNL 660 FEL SE NE D DO
 102 CHANDLER ASSOCIATES 1 TOWERS

33 N 163 W 82 20 50202 351STTA PERF W/ 3/FT 3752- 3754 007
 50302 351STTA PERF 3810- 3816 008
 50402 351STTA PERF W/ 3/FT 3810- 3816 009
 50502 351STTA PERF 3810- 3816 010
 50602 352NSK PERF 3861- 3861 011
 50702 351STTA PERF 3810- 3816 012

33 N 163 W 82 21 10002 0489316010130383 0489312310130415
 10010 009 00935273 33552 9999961 110351MDSM 351MDSM 3845866
 10021 TWP N 163 RGE W 82 SEC 21 055TH PRINCIPAL
 101 NORA (TTNEAU) A 1980 FNL 660 FEL SE NAD DO 570
 102 CHANDLER ASSOCIATES 1 TER HAAS
 103 1544 KB 1537 GR HAAS N
 104 1543 DF 1539 GR P LSE NO 1671 API 33-009- 00935 00
 105 SPUD 06/26/1966 COMP 08/17/1966 ROTARY OIL
 107 DTD 3845 LTD 3842 PB 3632 FM/TO 351MDSM

20102 351MDSM PERF JET W/ 4/FT 3607- 3610 006
 40101 DST 01 3591- 3614 353CRLS 3602 S002
 40131 30M IFF 212 FFP 250 8HT 118F
 40201 DST 02 3757- 3765 351MDSM 3761 S005
 40231 30M IFF 70 FFP 98 8HT 138F
 40301 DST 03 3804- 3844 351MDSM S006
 40331 FINAL OP 1MDSM IFF 119 FFP 372 8HT 122F
 50102 352NSK PERF JET W/ 4/FT 3830- 3833 008
 50202 352NSK PERF JET W/ 4/FT 3830- 3833 009
 50302 351MDSM PERF JET W/ 4/FT 3810- 3822 010
 50402 351MDSM PERF JET W/ 4/FT 3756- 3760 011
 50502 351MDSM PERF JET W/ 4/FT 3756- 3760 012
 50602 351MDSM PERF JET W/ 4/FT 3600- 3610 013
 50702 351MDSM PERF JET W/ 4/FT 3607- 3610 014
 50802 351MDSM PERF JET W/ 4/FT 3607- 3610 015

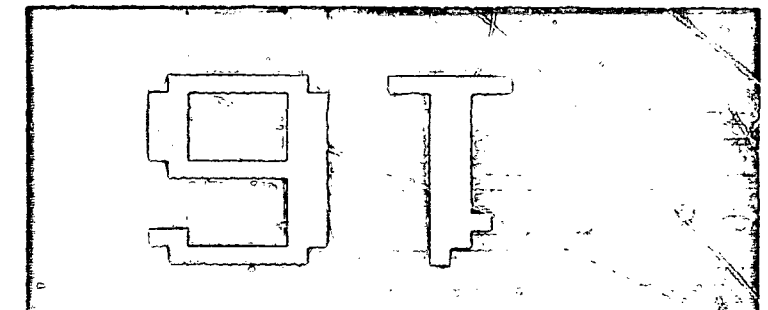
36.9°C / ft
 45.1

33 N 163 W 82 21 10002 0489316310131342 0489315810131461
 10010 009 00957273 33552 9999961 110352NSK 351MDSM 3898167
 10021 TWP N 163 RGE W 82 SEC 21 055TH PRINCIPAL
 101 NORA (TTNEAU) A 1980 FNL 1980 FNL SE NAD DO 571
 102 CHANDLER ASSOCIATES 1 SMITH
 103 1549 KB 1539 GR HAAS NORTH
 104 1547 ES 1538 GR P LSE NO 1696 API 33-009- 00957 00
 105 SPUD 11/22/1966 COMP 12/15/1966 ROTARY OIL
 107 DTD 3898 FM/TO 352NSK

20102 351MDSM PERF W/ 4/FT 3801- 3806 007
 40101 DST 01 3803- 3817 351STTA S003
 40110 GAS TS IM 10M TSTM
 40131 FINAL OP 1M IFF 137 FFP 222 8HT 110F
 40201 DST 02 3852- 3866 352NSK S004
 40231 FINAL OP 1MDSM IFF 62 FFP 204 8HT 110F
 50102 351MDSM PERF W/ 4/FT 3801- 3806 306

33 N 163 W 82 22 10002 0489282410129758 0489279410129823
 10010 009 00972273 33552 8325061 110351MDSM 351MDSM 3812667

PH	INDEX
A	162 21
B	162 29
C	162 25
D	162 21
E	163 10
F	163 19
G	163 27
H	163 28
I	163 28
J	163 28
K	163 26
L	163 16
M	163 20



67881
27275
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07 00
&A
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40366
L

WF

93
&A-CC
DSN
S002

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00867

WF

54 00
&A
OUX

N 003
004

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26782
33073

WF

118-00

VA-G
PY
1 002

S002

33550
34867

WF

53 00
VA
OUX

33 N 163 W 82 22 10021 TWP N 163 RGE W 82 SEC 22 055TH PRINCIPAL
101 NOAK ATTNEAU A 1980 FSL 660 FWL NW SW D 00 572
102 WILHITE J ETAL 2 MILS FORETD
103 1550 KB 1540 GR HAAS N
104 1850 DF 1842 GR P API 33-009- 00972 00
105 SPUD 03/22/1967 COMP 06/19/1967 ROTARY OIL
107 DTD 3812 FM/TO 351MOSH
20102 351MDSN PERF W/ 4/FT 3774- 3778 GROSS 007
40101 DST 01 3760- 3790 351MDSN S002
40110 GAS TS IN 1H30M TSTM
40131 FINAL OP 2H IFF 50 FFP 113 BHT 106F 0
50102 351MDSN PERF W/ 4/FT 3774- 3778 004
50302 351MDSN PERF W/ 4/FT 3775- 3776 GROSS 005
50402 351STTA PERF W/ 4/FT 3724- 3726 006

33 N 163 W 82 23 10002 0489310510126973 0489276610126949
10010 009 01132273 5300 7281011 110352MSNC 352KSBY 3795J75
10021 TWP N 163 RGE W 82 SEC 23 055TH PRINCIPAL
101 NOAK ATTNEAU A 2080 FNL 1980 FWL S2 SE NW HO NOE 573
102 KOCH EXPL 1 WATERHO
103 1536 KB 1527 GR BAUMAN DRAIN
104 API 33-009- 01132 00
105 SPUD 07/29/1974 COMP 08/31/1974 ROTARY OIL
107 DTD 3795 LTD 3794 FM/TO 352MSNC
20102 352KSBY OPENHOLE 3785- 3790
20103 352MSNC OPENHOLE 3790- 3795 005
20150 WTR
40101 DST 01 3584- 3598 359MSSP 3591 S002
40131 FINAL OP 2H IFF 102 FFP 188 BHT 115F
40201 DST 02 3780- 3795 352KSBY S003
40202 OVERLAPS 352MSNC 3788
40231 FINAL OP 1H IFF 83 FFP 169 BHT 116F

35.5 °C / km

33 N 163 W 82 24 10002 0489242510124750 0489242310124787
10010 009 00920273 999950 911351MDSN 3801K65
10021 TWP N 163 RGE W 82 SEC 24 055TH PRINCIPAL
101 NOAK ATTNEAU A 660 FSL 1980 FWL SE SW WF 574
102 GEOCHEMICAL SURVEYS 1 MYRTLE TERRYSON
103 1524 KB 1514 GR WILDCAT
104 1523 DF 1517 GR P API 33-009- 00920 00
105 SPUD 11/28/1965 COMP 12/05/1965 ROTARY D&A-06
107 DTD 3800 LTD 3801 FM/TO 351MDSN
40101 DST 01 3563- 3574 353MIDL 3568 S002
40131 FINAL OP 2H IFF 70 FFP 556 BHT 115F

35.8 °C / km

33 N 163 W 82 24 10002 0489309710124783 0489309210124820
10010 009 01020273 1371550 911351STTA 3775669
10021 TWP N 163 RGE W 82 SEC 24 055TH PRINCIPAL
101 NOAK ATTNEAU A 1980 FNL 1980 FWL C SE NW WF 575
102 CHAMPLAIN-PETROLEUM 1 TERRYSON
103 1528 KB 1520 GR WILDCAT

33 N 163 W 82 24 104 1524 DF 1519 GR P API 33-009- 01020 00
105 SPUD 06/03/1969 COMP 06/19/1969 ROTARY D&A-05
107 DTD 3775 FM/TO 351STTA
40101 DST 01 3552- 3584 353MIDL S002
40131 FINAL OP 1H IFF 68 FFP 138 BHT 110F
40201 DST 02 3557- 3597 353MIDL S003
40231 FINAL OP 1H30M IFF 42 FFP 140 BHT 108F
40301 DST 03 3760- 3775 352MSNC 004
40331 FINAL OP 1H IFF 72 FFP 350
50102 353MIDL PERF W/ 2/FT 3576- 3588 006

33 N 163 W 82 25 10002 0489129010123654 0489130310123638
10010 009 01028273 6045050 911351MDSN 3819869
10021 TWP N 163 RGE W 82 SEC 25 055TH PRINCIPAL

D&A-G
FLPV
UN 002
5003
1083550
804867
IF WF

0663 00
D&A
SQUX
003

005

1074504
2733867
S
4F WF

5064 00
D&A
SQUX
UN 004
005
006

1178650
2714770
S
4F WF

0004-00
D&A-F
2SKC

1162461
1023366
S
4F WF

1055 00
FLA
SQUX
002

111199

33 N 163 W 82 24 104 1524 DF 1519 GR P API 33-009- 01020 00
105 SPUD 06/03/1969 COMP 06/19/1969 ROTARY D&A-OG
107 DTD 3775 FM/TO 351STTA
40101 DST 01 3557- 3584 353MIDL S002 0
40131 FINAL OP 1H IFF 68 FFP 138 BHT 110F
40201 DST 02 3557- 3597 353MIDL S003 0
40231 FINAL OP 1H30M IFF 42 FFP 140 BHT 108F
40301 DST 03 3760- 3775 352MSNC 004
40331 FINAL OP 1H IFF 72 FFP 350
57102 353MIDL PERF W/ 2/FT 3576- 3588 006

33 N 163 W 82 25 10102 0489129010123654 0489130310123638
10110 009 01028273 6045050 911351MDSN 3819869
10321 TWP N 163 RGE W 82 SEC 25 055TH PRINCIPAL
101 NORA BYTNEAU A 1980 FSL 660 FEL C NE NE D X D 576
102 NORTHERN PUMP ETAL 1 FOSS
103 1526 KB WILDCAT
104 1527 DF 1520 GR P API 33-009- 01028 00
105 SPUD 08/05/1969 COMP 08/18/1969 ROTARY D&A-OG
107 DTD 3819 FM/TO 351MDSN
40101 DST 01 3576- 3588 353MIDL 3582 S002
40131 FINAL OP 1H30M IFF 327 FFP 512 BHT 127F

41.7 °C / ft

33 N 163 W 82 29 10002 0489206110132435 0489205910132502
10010 009 00146273 33552 99999601900351LOGP 4262267
10021 TWP N 163 RGE W 82 SEC 29 055TH PRINCIPAL
101 NORA BYTNEAU A 660 FNL 660 FEL C NE NE D X D 577
102 CHANDLER & ASSOC 1 KJESETH
10210 NORTH CENTRAL OIL 1 KJESETH
103 1554 KB 1544 GR HAAS N
104 1553 ES 1545 GR P API 33-009- 00146-00
105 SPUD 02/07/1967 COMP 02/17/1967 ROTARY RECOMPL D&A
107 DTD 4262 PB 4017 DTD 4262 FM/TO 351LOGP
40101 DST 01 3850- 3880 353CRLS 001 0
40131 FINAL OP 1H IFF 48 FFP 48 BHT 104F

33 N 163 W 83 18 10002 0489462010147741 0489427910147735
10010 009 01263273 10288150 900352GLBR 4160278
10021 TWP N 163 RGE W 83 SEC 18 055TH PRINCIPAL
101 NORA BYTNEAU A 1980 FNL 660 FEL C SE NE D X D 578
102 CARDINAL DRAG 42-18 JOHNSON
103 1606 KB 1597 GR WILDCAT
104 API 33 009 01263 00
105 SPUD 01/22/1978 COMP 01/30/1978 ROTARY D&A
107 DTD 4160 FM/TO 352GLBR
40101 DST 01 3878- 3950 353CRLS 3914 002
40102 OVERLAPS 353MIDL 351STTA
40131 FINAL OP 1H IFF 236 FFP 338 BHT 146F

47.0 °C / ft

33 N 163 W 83 23 10002 0489315710139517 0489317410139664
10010 009 00944273 33550 8225061 110351MDSN 352MSNC 4075268

33 N 163 W 83 23 10021 TWP N 163 RGE W 23 SEC 23 055TH PRINCIPAL
101 NORA BYTNEAU A 1980 FNL 1980 FEL C SW NE D DO
102 W. WHITE L J 1 O BERGSTROM
103 1577 KB HAAS
104 API 33-009- 00944 00
105 SPUD 09/08/1966 COMP 10/24/1966 ROTARY OIL
107 DTD 4075 FM/TO 351MDSN
20102 352MSNC PEFF JET W/ 4/FT 3968- 3976 007
40101 DST 01 4000- 4015 052MSNC S003
40131 FINAL OP 2H IFF 501 FFP 131 BHT 146F
57102 352MSNC PEFF JET W/ 4/FT 3968- 3976 005
58202 352MSNC PEFF JET W/ 4/FT 3968- 3976 006

53481
33966

WF

35 00
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002

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75170

WF

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LA
CC
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34103
00471

WF
RL

10 CO
LA
COT
002

44353
55422

WF

35-00
R-O
DRV
002

N 004

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 935

SUB FILE GEOTHERMAL LISTING

33 N 163 W 83 23 10021 TWP N 163 RGE W 83 SEC 23 055TH PRINCIPAL
101 NOK BTTNEAU A 1980 FNL 1980 FEL C SW N D DO 579
102 WILMITE T J 1 O BERGSTRON
103 1577 KB HAAS
104 API 33-009- 00944 00
105 SPUD 09/08/1966 COMP 10/24/1966 ROTARY OIL
107 OTD 4075 FM/TO 351MDSN
20102 352MSK PERF JET W/ 4/FT 3968- 3976 007
40101 DST 01 4000- 4018 352MSK 5003
40131 FINAL OP 2H IFF 50 FFP 131 BHT 1466
50102 352MSK PERF JET W/ 4/FT 3968- 3976 005
50202 352MSK PERF JET W/ 4/FT 3968- 3976 006

45.9°C/m

33 N 163 W 83 25 10002 0489138110138422 0489109510138411
10010 009 01217273 3355010530461 110351MDSN 351MDSN 4002577
10021 TWP N 163 RGE W 83 SEC 25 055TH PRINCIPAL
101 NOK BTTNEAU A 1980 FSL 660 FNL C NW S D DO 580
102 TROUT EYE R 25-12 E J PELAND
103 1562 KB 1553 GR HAAS
104 1553 GR P LSE NO API 33-009- 01217-00
105 SPUD 10/25/1976 COMP 11/30/1976 POTARY OIL
107 OTD 4002 FM/TO 351MDSN
20102 351MDSN PERF W/ 4/FT 3978- 3988 005
40101 DST 01 3978- 4002 351MDSN MISRUN 002
40201 DST 02 STRD 3981- 4002 351MDSN 3992 5003
40231 FINAL OP 2H IFF 95 FFP 218 BHT 122F

35.2°C/m

33 N 163 W 84 17 10002 0489492310158638 0489494610158641
10010 075 00621273 2780050 9003E 2GLBR 4325075
10021 TWP N 163 RGE W 84 SEC 17 055TH PRINCIPAL
101 NOK RENVILLE A 660 FNL 660 FEL C NE NW WF 581
102 FOREST OIL I MEADOW STATE
103 1635 KB 1624 GR WILDCAT
104 1627 DF 1619 GR P LSE NO API 33-075- 00621-00
105 SPUD 10/13/1975 COMP 10/23/1975 ROTARY O&A
107 OTD 4325 FM/TO 352GLBR
40101 DST 01 4180- 4214 352SHRD 4197 002
40131 FINAL OP 1H IFF 129 FFP 456 BHT 124F

33 N 163 W 84 23 10002 0489352710153141 0489364210153132
10010 075 00479273 19800 1652061 110351MDSN 351MDSN 4173K69
10021 TWP N 163 RGE W 84 SEC 23 055TH PRINCIPAL
101 NOK RENVILLE A 660 FNL 1980 FNL C NE NW DO 582
102 CONSOLIDATED OIL & GAS I LOHSE
103 1591 GR EDEN VALLEY
104 1599 DF 1592 GR P LSE NO API 33-075- 00479-00
105 SPUD 10/06/1969 COMP 10/13/1969 POTARY OIL
107 OTD 4171 LTD 4173 FM/TO 351MDSN
20102 351MDSN PERF JET W/ 2/FT 4164- 4172 004
40101 DST 01 4140- 4166 351MDSN 4153 5002
40131 FINAL OP 3H IFF 66 FFP 94 BHT 129F

36.9°C/m

5794
15472

D

38 00
LA
DRV
002

5052
5055

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 836

SUB FILE GEOTHERMAL LISTING

33 N 163 W 85 1 10002 0489785210163509 0489793910163529
10010 075 00417273 78800 9999961 110351MDSN 351MDSN 4245662
10021 TWP N 163 RGE W 85 SEC 1 055TH PRINCIPAL
101 NOK RENVILLE A 660 FNL 1980 FEL C NE NW DO
102 CHARLES & ASSOC I LARSON
103 1651 ES 1641 GR SHEPWOOD
104 1650 ES 1640 GR P API 33-075- 00417 00
105 SPUD 12/04/1967 COMP 02/12/1968 POTARY OIL
107 OTD 4245 PB 4204 FM/TO 351MDSN
20102 351MDSN PERF JET W/ 2/FT 4161- 4171 006
40101 DST 01 4148- 4175 351MDSN 4153 5002
40110 GAS TS IN 25M
40131 FINAL OP 1M IFF 252 FFP 479 BHT 130F

33 N 163 W 85 18 10002 048945510175619 0489452310175602
10010 075 00209273 205010830660 311351MDSN 4520977

06/08/78

P E T R O L E U M I N F O R M A T I O N , C O R P

PAGE 836

SUB FILE GEOTHERMAL LISTING

33 N 163 W 85 1 10002 0489785210163609 0489793910163629
10010 075 00417273 78800 9999961 110351MDSN 351MDSN 4245668
10021 TWP N 163 RGE W 85 SEC 1 055TH PRINCIPAL
101 NDAR RENVILLE A 660 FNL 1980 FEL NW NW D 583
102 CHANDLER & ASSOC 1 LAWSON
103 1651 KB 1641 GR SHERWOOD
104 1650 ES 1640 GR P API 33-075- 00417 00
105 SPUD 12/04/1967 COMP 02/13/1968 ROTARY OIL
107 DTD 4245 PB 4204 FM/TD 351MDSN
20102 351MDSN PERF JET W/ 4/FT 4161- 4171 005
40101 DST 01 4148- 4175 351MDSN 5007
40110 GAS TS IN 25M 4162
40131 FINAL OP 1H30M IFF 252 FFP 479 BHT 130F

37.2° e / km

33 N 163 W 85 18 10002 0489455110175619 0489452310175603
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10021 TWP N 163 RGE W 85 SEC 18 055TH PRINCIPAL
101 NDAR RENVILLE A 1980 FNL 560 FNL W2 SW NW D 584
102 COX & ARFUS 1 LONGNECKER
103 1736 KB 1727 GR BLUELL
104 API 33 075 00709 00
105 SPUD 03/01/1972 COMP 03/31/1972 ROTARY D&A-OG
107 DTD 4530 FM/TD 351MDSN
40101 DST 02 4442- 4464 351STTA 5002
40102 OVERLAPS 352BLLL
40131 FINAL OP 1H IFF 109 FFP 72 BHT 114F

33 N 163 W 85 35 10002 0489065210166844 0489079010166810
10010 075 00371273 13200 8880511 110351MDSN 352MDSN 4640966
10021 TWP N 163 RGE W 85 SEC 35 055TH PRINCIPAL
101 NDAR RENVILLE A 660 FNL 660 FNL NW NW D 585
102 TENNOCO-OIL 1 PERRY GRANN
103 1689 KB 1677 GR COLQUHOUN
104 1686 DF 1677 GR P LSE NO 1674 API 33-075- 00371 00
105 SPUD 08/08/1966 COMP 09/05/1966 ROTARY OIL
107 DTD 4640 FM/TD 351MDSN
20102 352MDSN PERF JET 4561- 4562 007
40101 DST 01 4551- 4568 352MDSN 5004
40131 FINAL OP 1H BHT 136F
50102 352MDSN PERF JET 4561- 4562 006

36.4° e / km

33 N 163 W 86 7 10002 0489599310187572 0489596310187682
10010 075 00622273 67000 4533760 910351MDSN 4850176
10021 TWP N 163 RGE W 86 SEC 7 055TH PRINCIPAL
101 NDAR RENVILLE A 1990 FNL 1980 FEL C SW NW D 586
102 KISSINGER-PET ETAL 7-7 SCARLETT
103 1780 GR PLEASANT
104 1790 DF 1782 GR P LSE NO API 33-075- 00622-00
105 SPUD 12/10/1975 COMP 12/23/1975 ROTARY D&A-OG
107 DTD 4850 FM/TD 351MDSN
40101 DST 01 4780- 4807 352BLLL 5002

06/08/78

P E T R O L E U M I N F O R M A T I O N , C O R P

PAGE 837

SUB FILE GEOTHERMAL LISTING

33 N 163 W 86 7 40131 FINAL OP 0H45M IFF 158 FFP 267 BHT 115F
33 N 163 W 86 8 10002 0489639110186439 0489637210186615
10010 075 00671223 67000 64710 911351MDSN 4830776
10021 TWP N 163 RGE W 86 SEC 8 066TH PRINCIPAL
101 NDAR RENVILLE A 660 FNL 660 FNL NW NW WO W0
102 ALASKA OIL & MIN CORP 1 BN-MCDERMOTT
103 1779 KB 1763 GR PLEASANT
104 1783 DF 1775 GR P LSE NO API 33-075- 00671-00
105 SPUD 06/29/1976 COMP 07/09/1976 ROTARY D&A-OG
107 DTD 4830 FM/TD 351MDSN
40101 DST 01 4752- 4788 351STTA 5002
40102 OVERLAPS 352BLLL
40131 FINAL OP 1H IFF 45 FFP 102 BHT 143F

33 N 163 W 86 10 10002 0489602910182106 0489614510182159
10010 075 00446273 8325050 900352SHRD 4693168
10021 TWP N 163 RGE W 86 SEC 10 055TH PRINCIPAL

06/08/78

PETROLEUM INFORMATION CORP

PAGE 837

SUB FILE GEOTHERMAL LISTING

33 N 163 W 86 7 40131 FINAL OP DM45M IFP 158 FFP 267 BHT 115F

33 N 163 W 86 8 10002 0489639110186439 0489637210186615
 10010 075 00671273 67000 04710 911351MDSN 4830776
 10021 TWP N 163 RGE W 86 SEC 8 066TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 660 FNL C NH NH 40 HO 587
 102 ALASKA OTE S MIN CORP 1 BN HEDERHATT
 103 1779 KB 1769 GR PLEASANT
 104 1783 OF 1775 GR P LSE NO API 33-075-00671-00
 105 SPUD 06/29/1976 COMP 07/09/1976 ROTARY D&A-0G
 107 DTD 4830 FM/TO 351MDSN
 40101 DST 01 4762- 4788 35191TA 4770 5002
 40102 OVERLAPS 352BLLL
 40131 FINAL OP 1H IFP 45 FFP 102 BHT 143F

37.4°C/ft

33 N 163 W 86 10 10002 0489602910182106 0489614510182159
 10010 075 00446273 9050 4533761 1103525SHRD 4693J68
 10021 TWP N 163 RGE W 86 SEC 10 065TH PRINCIPAL
 101 NDAK RENVILLE A 1980 FNL 660 FNL C SH NH WF WF 588
 102 WILHITE ETAL 1 BECKEBANE
 103 1776 KB 1760 GR WILDCAIT
 104 1778 OF 1768 GR P LSE NO API 33-075-00446-00
 105 SPUD 08/28/1968 COMP 09/06/1968 ROTARY D&A
 107 DTD 4690 LTD 4693 FM/TO 352SHRD
 40101 DST 01 4649- 4660 352SHRD 4654 002
 40131 FINAL OP 1H IFP 314 FFP 1719 BHT 147F

39.9°C/ft

33 N 163 W 86 13 10002 0489418810177250 0489418410177182
 10010 075 00685273 9050 4533761 110351MDSN 352BLLL 4496J76
 10021 TWP N 163 RGE W 86 SEC 13 055TH PRINCIPAL
 101 NDAK RENVILLE A 1980 FSL 1980 FNL C NE SH 00 589
 102 KISSINGER PETROLEUM 11-13 KNUTSON
 103 1751 KB 1741 GR BLUELL
 104 API 33 075 00685 00
 105 SPUD 10/07/1976 COMP 11/22/1976 ROTARY OIL
 107 DTD 4496 FM/TO 351MDSN
 20102 352BLLL PERF W/ 4/FT 4467- 4470 004
 40101 DST 01 4458- 4489 352BLLL 4471 5002
 40110 GAS TS IN 04M /6-8 FT FLARE/
 40131 FINAL OP 1H IFP 528 FFP 1173 BHT 130F

33 N 163 W 87 1 10002 0489675410190275 0489669510190313
 10010 075 00562273 67000 4533761 1103525SHRD 4860J77
 10021 TWP N 163 RGE W 87 SEC 1 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FSL 1980 FNL C SE SH 00 0 590
 102 KISSINGER PETROLEUM A-1 KNUTSON
 103 1808 KB 1799 GR PLEASANT
 104 1807 OF 1799 P API 33 075 00562 00
 105 SPUD 12/11/1974 COMP 12/19/1974 ROTARY D&A-0G
 107 DTD 4860 FM/TO 351MDSN
 40101 DST 01 4734- 4784 352BLLL 5003

06/08/78

PETROLEUM INFORMATION CORP

PAGE 838

SUB FILE GEOTHERMAL LISTING

33 N 163 W 87 1 40131 FINAL OP 1H IFP 136 FFP 174 BHT 142F

33 N 163 W 87 1 10002 0489781110189720 0489776510189764
 10010 075 00616273 67000 4533761 1103525SHRD 352BLLL 4780J75
 10021 TWP N 163 RGE W 87 SEC 1 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 1980 FEL C NH NE D 00
 102 KISSINGER PET ETAL 2-1 KNUTSON
 103 1786 GR PLEASANT
 104 API 33 075 00616 00
 105 SPUD 09/10/1975 COMP 10/07/1975 ROTARY OIL
 107 DTD 4780 FM/TO 352SHRD
 20102 352BLLL PERF W/ 4/FT 4725- 4729 004
 40101 DST 01 4707- 4731 352BLLL 4721 5002
 40110 GAS TS IN 09M /15-20 FT FLARE/
 40131 FINAL OP 1H IFP 307 FFP 919 BHT 140F

33 N 163 W 87 1 10002 0489771210190720 0489768410190771
 10010 075 00610273 67000 4533761 1103525SHRD 352BLLL 4896J76

SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION CORP

PAGE 838

SUB FILE GEOTHERMAL LISTING

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33 N 163 W 87 1 40131 FINAL OP 1M IFF 136 FFP 174 BHT 142F

33 N 163 W 87 1 10002 0489781110189720 0489776510189764
 10010 075 00616273 67000 4533761 1103525SHRD 352BLLL 4780J75
 10021 TWP N 163 RGE W 87 SEC 1 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 1980 FEL C SE NW 1/4 DO 591
 102 KISSINGER PET ETAL 2-1 KNOTSON
 103 1786 GR PLEASANT
 104 API 33 075 00616 00
 105 SPUD 09/10/1975 COMP 10/07/1975 ROTARY OIL
 107 DTD 4780 FM/TO 3525SHRD
 20102 352BLLL PERF W/ 4/FT 4725-4729 004
 40101 DST 01 4707-4731 352BLLL 4719 S002
 40110 GAS TS IN 09M /15-20 FT FLARE/
 40131 FINAL OP 1M IFF 307 FFP 919 BHT 140F

37.2°C/ft

33 N 163 W 87 1 10002 0489771210190720 0489768410190771
 10010 075 00630273 67000 4533761 1103525SHRD 352BLLL 4828176
 10021 TWP N 163 RGE W 87 SEC 1 055TH PRINCIPAL
 101 NDAK RENVILLE A 813 FNL 820 FNL SE NW 1/4 DO 592
 102 KISSINGER PET ETAL 4-1 KNOTSON
 103 1295 GR PLEASANT
 104 1807 OF 1799 GR P LSE NO API 33-075-00630-00
 105 SPUD 11/09/1975 COMP 12/28/1975 ROTARY OIL
 107 DTD 4828 FM/TO 3525SHRD
 20102 352BLLL PERF W/ 4/FT 4762-4770 004
 20150 WTR
 40101 DST 01 4740-4772 352BLLL 4756 S002
 40110 GAS TS IN OHC7M /NO GAUGE/
 40131 FINAL OP 1M IFF 111 FFP 127 BHT 120F

36.7°C/ft

33 N 163 W 87 2 10002 0489677110191413 0489670810191399
 10010 075 00566273 66925 4533761 1103525SHRD 352BLLL 4825577
 10021 TWP N 163 RGE W 87 SEC 2 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FSL 660 FEL C SE SE DO 593
 102 KISSINGER PET 16-2 ARRROS
 103 1814 KB 1805 GR PLEASANT
 104 1813 OF 1805 P API 33 075 00566 00
 105 SPUD 01/17/1975 COMP 05/02/1975 ROTARY OIL
 107 DTD 4825 PB 4823 FM/TO 3525SHRD
 20102 352BLLL PERF W/ 4/FT 4799-4804 006
 40101 DST 01 4781-4819 352BLLL S003
 40110 GAS TS IN 10M /NO GAUGE/4800
 40111 OIL TS IN /NO GAUGE/
 40131 FINAL OP OH30M IFF 1222 FFP 2060 BHT 138F
 50102 352BLLL PERF W/ 4/FT 4799-4804 005

35.3°C/ft

33 N 163 W 87 12 10002 0489605710190345 0489607910190443
 10010 075 00570273 67000 4533761 1103525SHRD 353FRBR 4816577
 10021 TWP N 163 RGE W 87 SEC 12 055TH PRINCIPAL
 101 NDAK RENVILLE A 1820 FNL 1820 FNL NW SE NW DO 594

SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION CORP

PAGE 839

SUB FILE GEOTHERMAL LISTING

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33 N 163 W 87 12 102 KISSINGER PETROLEUM 6-12 ARRROS
 103 1814 KB 1804 GR PLEASANT
 104 1808 OF 1802 P API 33 075 00570 00
 105 SPUD 10/07/1974 COMP 03/17/1975 ROTARY OIL
 107 DTD 4816 PB 4813 FM/TO 3525SHRD
 20102 353FRBR PERF W/ 4/FT 4792-4796 007
 40101 DST 01 4763-4804 352BLLL MISCUN 003
 40102 OVERLAPS 353MIDL 353FRBR
 40201 DST 02 4761-4802 352BLLL S004
 40202 OVERLAPS 353MIDL 353FRBR
 40210 GAS TS IN 1EM /NOT GAUGED/
 40211 OIL TS IN 2NM /NOT GAUGED/
 40231 30M IFF 818 FFP 1348 BHT 144F
 40301 DST 03 4700-4750 353MIDL S005
 40331 20M IFF 80 FFP 109 BHT 127F

33 N 163 W 87 12 10002 0489633310189904 0489630910189904

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JRSC
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33 N 163 W 87 24 10002 0489272810189237 0489286710189223
10010 075 00314273 1371350 911351MDSN 5010865
10021 TWP N 163 RGE W 87 SEC 24 055TH PRINCIPAL
101 NDOK BURKE A 1980 FSL 660 FEL NE NE 1/4 WF 597
102 CHANDLER & ASSOCIATES 1 SCHIFFMAN
103 1804 KB 1797 GR WILDCAT
104 1803 DF 1798 GR P API 33-075- 00314 00
105 SPUD 07/27/1965 COMP 08/05/1965 ROTARY D&A-OG
107 DTD 5010 LTD 5006 FM/TO 351MDSN
40101 DST 01 4780- 4800 353MIDL 4790 5002
40131 FINAL OP 1H30M IFF 108 FFP 154 BHT 147F
40201 DST 02 4798- 4815 353MIDL MISRUN 004

38.8°C/ftm

33 N 163 W 89 6 10002 0489787210226357 0489790610226398
10010 013 00625273 8880550 910351STTA 5399465
10021 TWP N 163 RGE W 89 SEC 6 055TH PRINCIPAL
101 NDOK BURKE A 685 FNL 660 FEL NE NE 1/4 WF 598
102 TENNECO OIL 1-X GLADYS TUBWELL UNIT
103 1885 KB 1875 GR WILDCAT
104 1885 DF 1875 GR P API 33-013- 00625 00
105 SPUD 02/18/1965 COMP 03/09/1965 ROTARY D&A-OG
107 DTD 5329 FM/TO 351STTA
40101 DST 01 5221- 5246 353MIDL 5234 002
40131 FINAL OP 2H IFF 125 FFP 162 BHT 146F

35.2°C/ftm

33 N 163 W 89 27 10002 0489103R10219796 0489106310219732
10010 013 00701273 8905050 911352MNSC 5515068
10021 TWP N 163 RGE W 89 SEC 27 055TH PRINCIPAL
101 NDOK BURKE A 660 FSL 660 FEL SE SE 1/4 WF 599
102 TEXAS CRUDE OIL 1 SAENSON 600RS
103 1925 KB 1913 GR WILDCAT
104 1922 DF 1914 GR P LSE NO API 33-013- 00701-00
105 SPUD 09/05/1968 COMP 09/14/1968 ROTARY D&A-OG
107 DTD 5515 FM/TO 352MNSC
40101 DST 01 5412- 5470 351MDSN 5003
40131 FINAL OP 2H IFF 87 FFP 218 BHT 132F

33 N 163 W 89 29 10002 0489176110225851 0489179710225850
10010 013 00642273 66800 1371360 911351STTA 5600
10021 TWP N 163 RGE W 89 SEC 29 055TH PRINCIPAL
101 NDOK BURKE A 1980 FNL 660 FNL SH NE 1/4 D 600
102 CHANDLER & ASSOC 1 RODENZ
103 1922 KB 1915 GR PERELLA
104 API 33-013- 00642 00
105 SPUD 08/21/1965 COMP 08/31/1965 ROTARY D&A-OG
107 DTD 5600 LTD 5597 FM/TO 351STTA
40101 DST 01 5488- 5541 353MSSN 5003
40102 OVERLAPS 353MSSN
40110 GAS TS IN 1H 5H 3-4 FT FLARE
40131 FINAL OP 2H IFF 62 FFP 112 BHT 150F

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33 N 163 W 89 31 10002 0489068110226426 0489070910226419
10010 013 00637273 66800 1371360 911351MDSN 5650365
10021 TWP N 163 RGE W 89 SEC 31 055TH PRINCIPAL
101 NDOK BURKE A 660 FNL 660 FEL NE NE 1/4 D
102 CHANDLER & ASSOC 1 RODENZ-SORUM
103 1923 KB 1916 GR PERELLA
104 1922 DF 1917 GR P LSE NO 1587 API 33-013- 00637 00
105 SPUD 07/14/1965 COMP 07/25/1965 ROTARY D&A-OG
107 DTD 5650 LTD 5647 FM/TO 351MDSN
40101 DST 01 5523- 5558 352P1VL 5003
40102 OVERLAPS 351STTA
40110 GAS TS IN 3H
40131 FINAL OP 3H IFF 33.2 FFP 59.8 BHT 157F
40201 DST 02 5503- 5558 352P1VL MISRUN 004
40202 OVERLAPS 351STTA

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06/08/72

PETROLEUM INFORMATION CORP

PAGE 841

SUB FILE GEOTHERMAL LISTING

33 N 163 W 89 31 10002 0489068110226426 0489070910226419
10010 013 00637273 66800 1371360 911351MDSN 5650865
10021 TWP N 163 RGE W 89 SEC 31 055TH PRINCIPAL
101 NDAK BURKE A 660 FNL 660 FEL NE NE D 601
102 CHANDLER & ASSOC 1 RADENZ-SORON
103 1923 KB 1916 GR PERELLA
104 1922 DF 1917 GR P LSE NO 1587 API 33-013- 00637 00
105 SPUD 07/14/1965 COMP 07/25/1965 ROTARY D&A-OG
107 DTD 5650 LTD 5647 FM/TO 351MDSN
40101 DST 01 5523- 5558 352RIVL 5003
40102 OVERLAPS 351STTA 5540
40110 GAS TS IN 3H
40131 FINAL OP 3H IFF 33.2 FFP 59.8 BHT 157F MISRUN 004 C 368°C/Ann
40201 DST 02 5503- 5558 352RIVL
40202 OVERLAPS 353MIDL 351STTA

33 N 163 W 92 14 10002 0489501310256968 0489498110257002
10010 013 00738273 70000 6665060 911351MDSN 6200J75
10021 TWP N 163 RGE W 92 SEC 14 055TH PRINCIPAL
101 NDAK BURKE A 660 FNL 660 FEL C NE NE D 602
102 PETROLEUM INC 1 FACER
103 1950 GR PORTAL
104 1945 DF 1937 GR P LSE NO API 33-013- 00738-00
105 SPUD 10/25/1975 COMP 11/07/1975 ROTARY D&A-OG
107 DTD 6200 FM/TO 351MDSN
40101 DST 01 5906- 5932 353MIDL 5002
40102 OVERLAPS 353BRNSL
40131 FINAL OP 2H IFF 70 FFP 108 BHT 158F
40201 DST 02 5937- 5962 352RIVL 5950 5003
40231 FINAL OP 2H IFF 70 FFP 89 BHT 159F
40301 DST 03 STRD 5991- 6021 351STTA 5004
40302 OVERLAPS 352RIVL 353FRBR 6006
40331 FINAL OP 2H IFF 355 FFP 477 BHT 163F 35.8°C/Ann

33 N 163 W 95 17 10002 0489391810303567 0489391610303477
10010 023 00111273 5784050 911352MSNC 6700J69
10021 TWP N 163 RGE W 95 SEC 17 055TH PRINCIPAL
101 NDAK DIVIDE A 660 FSL 1980 FEL C SW SE WF 603
102 MULE CREEK OIL ETAL 1-3417 LIEN
103 1914 KB 1902 GR WILDCAT
104 1923 DF 1915 GR P LSE NO API 33-023- 00111-00
105 SPUD 08/01/1969 COMP 08/21/1969 ROTARY D&A-OG
107 DTD 6700 LTD 6699 FM/TO 352MSNC
40101 DST 01 6348- 6366 353MIDL 6357 5002
40131 FINAL OP 2H IFF 135 FFP 293 BHT 180F
40201 DST 02 351MDSN MISRUN 004
40301 DST 03 351MDSN MISRUN 005
40401 DST 04 6387- 6440 353MSN 6414 5006
40431 FINAL OP 1H IFF 200 FFP 410 BHT 174F
40501 DST 05 6440- 6470 352MSNC 5007
40502 OVERLAPS 352MSNC

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PETROLEUM INFORMATION CORP

PAGE 842

SUB FILE GEOTHERMAL LISTING

33 N 163 W 95 17 40531 FINAL OP 1H IFF 178 FFP 244
33 N 163 W 99 25 10002 0489217310346895 0489219010346837
10010 023 00094273 9999950 911351MDSN 7120267
10021 TWP N 163 RGE W 99 SEC 25 055TH PRINCIPAL
101 NDAK DIVIDE A 820 FNL 920 FEL NE NE WF
102 CHAMPLIN PET 1 WINDFALDET
103 2206 KB 2194 GR WILDCAT
104 2202 ES 2191 GR P API 33-023- 00094 00
105 SPUD 12/01/1966 COMP 01/07/1967 ROTARY D&A-OG
107 DTD 7120 LTD 7119 FM/TO 353MSN

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PETROLEUM INFORMATION, CORP

PAGE 842

SUB FILE GEOTHERMAL LISTING

33 N 163 W 95 17 40531 FINAL OP 1H IFF 178 FFP 244
 33 N 163 W 99 25 10002 0489213310346895 0489219010346837
 10010 023 00094273 9999960 911353NSSN 7120267
 10021 TWP N 163 RGE W 99 SEC 25 055TH PRINCIPAL
 101 NOK DIVIDE A 820 FNL 820 FEL NE NW WF 604
 102 CHAMPLIN PET 1 WINDFALLET
 103 2206 KB 2194 GR WILDCAT
 104 2202 ES 2191 GR P API 33-023- 00094 00
 105 SPUD 12/01/1966 COMP 01/07/1967 ROTARY D&A-OG
 107 DTD 7120 LTD 7119 FM/TO 353NSSN
 40101 DST 01 6910- 6928 351MDSN CUSH 1020 WTR S002
 40131 FINAL OP 1H IFF 479 FFP 504 BHT 181F 6919 S004
 40201 DST 02 STRD 6910- 6935 351MDSN
 40231 FINAL OP 3H30M IFF 45 FFP 228
 50102 353CRLS PERF JET W/ 2/FT 6922- 6932 006
 50150 SWTR
 50202 353CRLS PERF JET W/ 2/FT 6922- 6932 007
 50250 SWTR
 50302 353CRLS PERF JET W/ 2/FT 6922- 6932 008

35.8 °C/ft

33 N 163 W 101 14 10002 0489425010375248 0489429910375168
 10010 023 00148273 3781450 911353NSSN 7030378
 10021 TWP N 163 RGE W 101 SEC 14 055TH PRINCIPAL
 101 NOK DIVIDE A 1810 FSL 660 FEL S2 NE SE WF WF 605
 102 HUNT W H TRUST ESTATE 14-1 BROWN
 103 2180 KB 2166 GR WILDCAT
 104 API 33 023 00148 00
 105 SPUD 03/09/1977 COMP 03/26/1977 ROTARY D&A-OG
 107 DTD 7030 FM/TO 353NSSN
 40101 DST 01 6700- 6729 000SALT 6714 002
 40131 FINAL OP 1H30M IFF 76 FFP 282 BHT 174F
 40201 DST 02 6769- 6798 352MSNC 6784 S003
 40231 FINAL OP 1H IFF 202 FFP 393 BHT 233F

35.0 °C/ft
50.5 °C/ft

33 N 164 W 77 30 10002 0489974010070637 0489987010070558
 10010 009 01075273 6667050 911351LDGP 3201J71
 10021 TWP N 164 RGE W 77 SEC 30 055TH PRINCIPAL
 101 NOK BYTNEAU A 758 FSL 609 FNL NW SW SW WF WF 606
 102 PET MANAGEMENT ETAL 1-30 JACOB SKARPHOL
 103 1541 KB 1533 GR WILDCAT
 104 1541 OF 1533 GR P LSE NO API 33-009- 01075-00
 105 SPUD 11/03/1971 COMP 11/09/1971 ROTARY D&A-OG
 107 DTD 3201 LTD 3200 FM/TO 351LDGP
 40101 DST 01 2985- 3002 352MSNC 2992 S002
 40131 FINAL OP 1H IFF 46 FFP 87 BHT 102F

33 N 164 W 77 33 10002 0489932810066259 0489943510066200
 10010 009 00984273 80200 9999960 911352MSNC 3056968
 13021 TWP N 164 RGE W 77 SEC 33 055TH PRINCIPAL
 101 NOK BYTNEAU A 660 FNL 660 FNL NW NW D 607

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 843

SUB FILE GEOTHERMAL LISTING

33 N 164 W 77 33 102 CHANDLER & ASSOC ETAL 1 CARL SKARPHOL
 103 1583 KB 1573 GR SOUR IS NORTH
 104 1581 ES 1573 GR P API 33-009- 00984 00
 105 SPUD 12/31/1967 COMP 01/11/1968 ROTARY D&A-OG
 107 DTD 3055 LTD 3056 FM/TO 352MSNC
 40101 DST 01 2986- 2998 352MSNC
 40131 FINAL OP 1H IFF 147 FFP 198 BHT 105F

33 N 164 W 77 33 10002 0489932610065646 0489947410065606
 10010 009 01035273 80200 9999961 110351LDGP 351MDSN 3093270
 10021 TWP N 164 RGE W 77 SEC 33 055TH PRINCIPAL
 101 NOK BYTNEAU A 660 FNL 2140 FNL NE NW D DO
 102 RESOURCES INVESTMENT 33-2 SKARPHOL
 103 1590 KB 1581 GR SOUR IS NORTH

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33 N 164 W 77 33 102 CHANDLER & ASSOC ETAL 1 CARL SKARPHOL
103 1583 KB 1573 GR SOURIS NORTH
104 1581 ES 1573 GR P API 33-009- 00984 00
105 SPUD 12/31/1967 COMP 01/11/1968 ROTARY DBA-06
107 DTD 3055 LTD 3056 FH/TO 352MSNC
40101 DST 01 2986- 2998 352MSNC 2992 S002
40131 FINAL OP 1H IFF 147 FFP 198 BMT 105F

36.6°C/ft

33 N 164 W 77 33 10002 0489932610065646 0489947410065606
10010 009 01035273 80200 9999961 110351LDGP 351MSDN 3093270
10021 TWP N 164 RGE W 77 SEC 33 055TH PRINCIPAL
101 NOK BTTRERU A 660 FNL 2140 FNL NE NW DO 608
102 RESOURCES INVESTMENT 33-2 SKARPHOL
103 1590 KB 1581 GR SOURIS NORTH
104 1588 OF 1581 GR P LSE NO API 33-009- 01035-00
105 SPUD 11/08/1969 COMP 11/25/1969 ROTARY OIL
107 DTD 3093 FH/TO 351LDGP
20102 351MSDN PERF 2978- 2983 004
40101 DST 01 2975- 3005 000UCFM 2990 S002
40102 OVERLAPS 352TLST
40110 GAS TS IN 55M /NO GAUGE/
40131 FINAL OP 1H IFF 207 FFP 630 BMT 118F

44.5°C/ft

33 N 164 W 77 33 10002 0489892110064708 0489908110064559
10010 009 01036273 80200 9999961 110351LDGP 352TLST 3150370
10021 TWP N 164 RGE W 77 SEC 33 055TH PRINCIPAL
101 NOK BTTRERU A 2140 FNL 820 FEL SW SE NE DO 609
102 RESOURCES INVESTMENT 33-3 SKARPHOL
103 1610 KB 1601 GR SOURIS NORTH
104 1609 OF 1603 GR P LSE NO API 33-009- 01036-00
105 SPUD 11/15/1969 COMP 12/11/1969 ROTARY OIL
107 DTD 3150 LTD 3149 FH/TO 351LDGP
20102 352TLST PERF 3018- 3021 005
40101 DST 01 3002- 3016 000UCFM 3009 S002
40131 FINAL OP 2H15H IFF 29 FFP 57 BMT 106F
40201 DST 02 3004- 3021 000UCFM 3012 S003
40202 OVERLAPS 352TLST
40231 FINAL OP 1H IFF 150 FFP 271 BMT 108F

37.0°C/ft
38.1°C/ft

33 N 164 W 77 33 10002 0489932810065198 0489945710065054
10010 009 90008273 80200 9999961 110351LDGP 352TLST 3164870
10021 TWP N 164 RGE W 77 SEC 33 055TH PRINCIPAL
101 NOK BTTRERU A 660 FNL 1980 FEL NW NE DO 610
102 RESOURCES INVESTMENT 33-1X SKARPHOL
103 1598 KB 1590 GR SOURIS NORTH
104 API 33-009- 90008 00
105 SPUD 12/05/1969 COMP 12/15/1969 ROTARY OIL
107 DTD 3164 PB 3130 FH/TO 351LDGP
20102 352TLST PERF W 2/FT 2992- 2998 008
40101 DST 01 STRD 2982- 3008 000UCFM MISRUN 003
40102 OVERLAPS 352TLST

33 N 164 W 77 33 40201 DST 1A 2980- 3012 000UCFM S004
40202 OVERLAPS 352TLST
40231 FINAL OP 1H IFF 142 FFP 530 BMT 106F
40301 DST 02 STRD 2982- 3008 000UCFM S005
40302 OVERLAPS 352TLST
40310 GAS TS IN 0422M 1 1/2-2 FT FLARE
40331 FINAL OP 1H IFF 142 FFP 451 BMT 108F
50102 352TLST PERF W 2/FT 2992- 2992 007

33 N 164 W 77 35 10002 0489857610061258 0489875910061176
10010 009 01037273 6667050 9003255K 3236771
10021 TWP N 164 RGE W 77 SEC 35 055TH PRINCIPAL
101 NOK BTTRERU A 1980 FSL 1980 FNL C NE SW WF WF
102 PET MANAGEMENT 1-35 BACKMAN
103 1697 KB 1689 GR WILDCAT
104 API 33-009- 01037 00
105 SPUD 10/28/1971 COMP 10/28/1971 ROTARY

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33 N 164 W 77	33	40201 DST 1A 2980- 3012 000UCFM 2996 5004	
		40202 OVERLAPS 352TLST	
		40231 FINAL OP 1H IFF 142 FFP 530 BHT 106F	
		40301 DST 02 STRG 2982- 3008 000UCFM 5005	
		40302 OVERLAPS 352TLST	
		40310 GAS TS IN OH28M 1 1/2-2 FT FLARE 2995	
		40331 FINAL OP 1H IFF 142 FFP 451 BHT 108F	
		60102 352TLST PERF W/ 2/FT 2992- 2998 007	
33 N 164 W 77	35	10002 0489857610061258 0489875910061376	
		10010 009 01037273 6667050 90072MSR 3236J71	
		10021 TWP N 164 RGE W 77 SEC 35 055TH PRINCIPAL	
		101 NDAK BITTNEAU A 1980 FSL 1980 FNL C NE SW WF 611	
		102 PET MANAGEMENT 1-35 BACKMAN	
		103 1697 KB 1689 GR WILDCAT	
		104 API 33-009- 01037-00	
		105 SPUD 10/24/1971 COMP 10/29/1971 ROTARY D&A	
		107 DTD 3236 FM/TD 352MSNC	
		40101 DST 01 3065- 3092 000UCFM 3078 002	
		40131 FINAL OP 1H IFF 45 FFP 1011 BHT 100F	
33 N 164 W 78	35	10002 0489896510074478 0489908510074420	
		10010 009 01027273 8325050 911352TLST 3150970	
		10021 TWP N 164 RGE W 78 SEC 35 055TH PRINCIPAL	
		101 NDAK BITTNEAU A 1980 FNL 1980 FNL C SE NW WF 612	
		102 WILHITE ETAL 1 ROTARY	
		103 1539 KB 1530 GR WILDCAT	
		104 1535 DF 1528 GR P LSE NO API 33-009- 01027-00	
		105 SPUD 07/21/1969 COMP 08/03/1969 ROTARY D&A-06	
		107 DTU 3150 FM/TD 352TLST	
		40101 DST 01 3009- 3025 352MSNC 3077 5002	
		40131 FINAL OP 2H IFF 122 FFP 197 BHT 110F	
33 N 164 W 80	33	10002 0489829710105374 0489806610105217	
		10010 009 01124273 3411450 911359HSSP 3360276	
		10021 TWP N 164 RGE W 80 SEC 33 055TH PRINCIPAL	
		101 NDAK BITTNEAU A 820 FSL 1820 FNL NW SE SW WF 613	
		102 HANN BROS ETAL 1 2MIN	
		103 1492 GR WILDCAT	
		104 1501 DF 1493 GR P LSE NO API 33-009- 01184-00	
		105 COMP 01/02/1976 ROTARY D&A-06	
		107 DTD 3360 FM/TD 359HSSP	
		40101 DST 01 3278- 3297 3268 5002	
		40131 IFF 180 FFP 291 BHT 112F	
33 N 164 W 84	32	10002 0489866010160245 0489888710160271	
		10010 075 00549273 4232050 901352SHRD 4171275	
		10021 TWP N 164 RGE W 84 SEC 32 055TH PRINCIPAL	
		101 NDAK RENVILLE A 1980 FNL 660 FNL C SW NW WF 614	
		102 KISSINGER PET 5-32 HURDELBRINK	
		103 1614 GR WILDCAT	

37.10°C/hmv

38.3

39.30°C/hmv

37.10°C/hmv

351
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33 N 164 W 84	32	104 1625 DF 1615 GR P LSE NO API 33-075- 00549-00	
		105 SPUD 11/10/1974 COMP 11/26/1974 ROTARY D&A-G	
		107 DTD 4171 FM/TD 352SHRD	
		40101 DST 01 4076- 4122 352SHRD 5003	
		40131 FINAL OP OH30M IFF 113 FFP 320 BHT 128F	
33 N 164 W 85	29	10002 0489968210171868 0489982510171926	
		10010 075 00310273 1371350 911351MDSH 4309267	
		10021 TWP N 164 RGE W 85 SEC 29 055TH PRINCIPAL	
		101 NDAK RENVILLE A	
		102 CHANDLER & ASSOC ETAL 1 ELTZ	
		103 1687 KB 1680 GR WILDCAT	
		104 1685 DF 1681 GR P API 33-075- 00310-00	
		105 SPUD 06/28/1965 COMP 02-01/1967 ROTARY D&A-06	
		107 DTD 4704 1TD 4709 FM/TD 352MSNC	

SUB FILE GEOTHERMAL LISTING

1351
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S007
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2 00
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S002
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WFD
3 00
L
RV
008
S002
S003
S005

06/08/78

PETROLEUM INFORMATION CORP

SUB FILE GEOTHERMAL LISTING

33 N 164 W 84 32 104 1625 DF 1616 GR P LSE NO API 33-075- 00549-00
 105 SPUD 11/10/1974 COMP 11/26/1974 ROTARY D&A-G
 107 DTD 4171 FM/TO 352SHRD
 40101 DST 01 4076- 4122 352SHRD 4099 S003
 40131 FINAL OP OHJOM IFP 113 FFP 320 BHT 128F

33 N 164 W 85 29 10002 0489968210171868 0489982510171926
 10010 075 00310273 1371350 911351MDSN 4309267
 10021 TWP N 164 RGE W 85 SEC 29 055TH PRINCIPAL
 101 NOK RENVILLE A WF WF 615
 102 CHANDLER & ASSOC ETAL 1 ELT2
 103 1687 KB 1680 GR WILDCAT
 104 1685 DF 1681 GR P API 33-075- 00310 00
 105 SPUD 06/28/1965 COMP 02/01/1967 ROTARY D&A-OG
 107 DTD 4304 LTD 4309 FM/TO 351MDSN
 40101 DST 01 4207- 4212 352SHRD 4212 S003
 40110 GAS 15 IN 14M
 40131 FINAL OP 1H IFP 344 FFP 1265 BHT 138F
 50102 352SHRD PERF W/ 4/FT 4220- 4222 005
 50150 SWR
 50202 352SHRD PERF 4220- 4222 006
 50302 352SHRD PERF 4220- 4222 007
 50402 352SHRD PERF 4220- 4222 008
 50502 352SHRD PERF 4220- 4222 009
 50602 352SHRD PERF 4220- 4222 010

33 N 164 W 87 36 10002 0489815010189242 0489809910189378
 10010 075 00627273 67000 4533760 900359MSSP 4800K75
 10021 TWP N 164 RGE W 87 SEC 36 055TH PRINCIPAL
 101 NOK RENVILLE A 660 FSL 760 FEL 42 SE SLD D 616
 102 KISSINGER PET ETAL 16-36 DUERR STATE
 103 1790 GR PLEASANT
 104 1797 DF 1789 GR P LSE NO API 33-075- 00627-00
 105 SPUD 11/25/1975 COMP 12/05/1975 ROTARY D&A
 107 DTD 4800 FM/TO 359MSSP
 40101 DST 01 4678- 4711 352BLLL 4694 S002
 40131 FINAL OP 1HJOM IFP 38 FFP 40 BHT 136F
 40201 DST 02 4774- 4789 352SHRD 4782 S003
 40231 FINAL OP OHJOM IFP 56 FFP 132 BHT 136F

33 N 164 W 89 32 10002 0489903510224716 0489900210224724
 10010 013 00727273 3720050 901352MSNC 5260973
 10021 TWP N 164 RGE W 89 SEC 32 055TH PRINCIPAL
 101 NOK BURKE A 1980 FNL 1980 FEL C SH NE WF WF 617
 102 HUBER J H CORP 32-1 CARL BOLEN
 103 1852 KB 1843 GR WILDCAT
 104 1849 DF 1844 GR P LSE NO API 33-013- 00727-00
 105 SPUD 08/28/1973 COMP 09/08/1973 ROTARY D&A-G
 107 DTD 5260 FM/TO 352MSNC
 40101 DST 01 5136- 5144 353MIDL 5140 S002
 40131 FINAL OP 1H IFP 87 FFP 87 BHT 146F

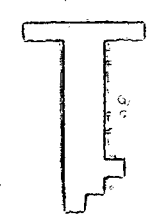
36.9°C/ft

40.2°C/ft

35.3°C/ft

35.8°C/ft

RW	INDEX
A	33 N 163 W 82 22
B	33 N 163 W 82 24
C	33 N 163 W 83 23
D	33 N 163 W 85 1
E	33 N 163 W 86 7
F	33 N 163 W 87 1
G	33 N 163 W 87 12
H	33 N 163 W 87 24
I	33 N 163 W 89 31
J	33 N 163 W 95 17
K	33 N 164 W 77 33
L	33 N 164 W 77 33
M	33 N 164 W 84 32



06/08/78

PETROLEUM INFORMATION, CORP

PAGE 846

SUB FILE GEOTHERMAL LISTING

33 N 164 W 93 36 10002 0489877910267925 0489865810267881
10010 013 00607273 79400 8325060 900353N55N 5927275
10021 TWP N 164 RGE W 93 SEC 36 055TH BRINCIPAL
101 NDAK BLRKE A 2061 FSL 736 FEL NW NE SW D
102 WILMATH J ETAL 1 STATE
103 1947 KB SHORT CREEK
104 API 33 013 00607 00
105 SPUD 08/09/1968 COMP 08/19/1968 ROTARY D&A
107 DTD 5927 FM/TO 353N55N
40101 DST 01 E897- 5927 351MDSN 5912- 003
40102 OVERLAPS 353MIDL 353N55N
40131 FINAL OP 2H IFP 57 FFP 134 BHT 172F
40201 DST 02 5864- 5894 351MDSN 5879 004
40231 FINAL OP 2H IFP 96 FFP 121 BHT 174F

618

39.2 °C / km
40.0 °C / km

33 N 164 W 96 32 10002 0489836910316689 0489834810316603
10010 023 00091273 1299050 911351MDSN 6340366
10021 TWP N 164 RGE W 96 SEC 32 055TH BRINCIPAL
101 NDAK DIVIDE A 820 FSL 1985 FEL SW SE WF WF
102 CALVERT DRCG & PROD 1-B KNUDSON
103 1896 KB 1886 GR WILDCAT
104 1895 ES 1884 GR P API 33-023- 00093 00
105 SPUD 10/15/1966 COMP 10/27/1966 ROTARY D&A-OG
107 DTD 6249 LTD 6340 FM/TO 351MDSN
40101 DST 01 6215- 6249 351MDSN 6232 S002
40110 GAS TS IN 2H
40131 FINAL OP 3H IFP 88 FFP 352 BHT 170F

619

36.6 °C / km
TOTAL WELLS 620 (MISSED NUMBER)
END NO

40 N 1 E 29 10 10002 0440542310061342 0440524910061280
10010 075 05054273 8880550 900109S0UX 2800867
10021 TWP N 1 RGE E 29 SEC 10 19BLACK HILLS
101 SDAK JONES A 510 FSL 1889 FEL SW SE WF WF
102 TENNECO OIL 1 HERMAN ESTATE
103 2071 KB 2060 GR WILDCAT
104 2031 ES 2023 GR P API 40-075- 05054 00
105 SPUD 05/06/1966 COMP 05/13/1966 ROTARY D&A
107 DTD 2800 LTD 2648 FM/TO 109S0UX
40101 DST 01 1386- 1443 603GRNR MISRUN 003
40201 DST 02 1390- 1443 603GRNR 004
40231 FINAL OP 1H IFP FFP 373 BHT 86F
40301 DST 03 2619- 2653 419MINS 005
40302 OVERLAPS 109S0UX
40331 FINAL OP 1H IFP 1359 BHT 123F

40 N 3 E 24 18 10002 0442178110126780 0442169010126782
10010 055 20018273 9999950 901602FLRY 2533073
10021 TWP N 3 RGE E 24 SEC 18 19BLACK HILLS
101 SDAK HARKON A 1980-FSL 530 FEL NE SE WF WF
102 INVESTORS DRG VENTURES 1 W R LEE
103 2178 KB 2170 GR WILDCAT
104 2212 OF 2204 GR P LSE NO API 40-055- 20018-00

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 847

SUB FILE GEOTHERMAL LISTING

40 N 3 E 24 18 105 SPUD 01/05/1972 COMP 01/13/1972 ROTARY D&A-G
107 DTD 2530 LTD 2533 FM/TO 602FLRY
40101 DST 01 1720- 1800 609CPES MISRUN 002
40131 BHT 92F
40201 DST 02 2275- 2330 602MOT S003
40231 FINAL OP 1H IFP 99 FFP 100 BHT 94F

40 N 3 E 27 11 10002 0442354210083398 0442332010083550
10010 117 05062273 8880550 900109S0UX 2804867
10021 TWP N 3 RGE E 27 SEC 11 19BLACK HILLS
101 SDAK STANLEY A 1895 FSL 2075 FEL SW NE WF WF
102 TENNECO OIL 1 HALL
103 1816 KB 1806 GR WILDCAT

GEOHERMAL LISTING

06/08/78

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SUB FILE GEOHERMAL LISTING

33 N 155 W 86 22 40131 FINAL OP OHJOM IFF 67 FFP 96 BHT 152F

33 N 155 W 86 25 10002 0482243410166465 0482244310166479
 10010 101 00140273 51285 9999961 11035JHML 3525HRD 6655J71
 10021 TWP N 155 RGE W 86 SEC 25 055TH BR INCL PAL
 101 NDAK HARD A 660 FNL 660 FEL C NE NP D DO
 102 MAWLEY JOHN B TRUST 2 FJEBRAL
 103 2219 KB
 104 2218 OF 2209 GR P API 33-101-00140 00
 105 SPUD 08/18/1971 COMP 10/07/1971 ROTARY OIL
 107 DTD 6685 PA 6581 FM/TO 35JHML
 20102 352SHRD PERF JET W/ 2/FT 6559- 6562 005
 40101 DST 01 6558- 6571 352SHRD S003
 40110 GAS TS IN 14M BURNED 4 FT FLARE
 40131 FINAL OP 1M IFF 203 FFP 699 BHT 158F

301

33 N 155 W 86 36 10002 048226910166488 0482030810166465
 10010 101 00143273 6665050 910352SHRD 6685071
 10021 TWP N 155 RGE W 86 SEC 36 055TH BR INCL PAL
 101 NDAK HARD A 1980 FSL 660 FEL C NE SE WF WF
 102 PETROLEUM INC 1 STATE A
 103 2236 KB 2228 GR HILOCAT
 104 2230 OF 2220 GR P API 33-101-00143 00
 105 SPUD 09/23/1971 COMP 10/09/1971 ROTARY D&A-0
 107 DTD 6685 FM/TO 352SHRD
 40101 DST 01 6621- 6656 352SHRD 003
 40131 FINAL OP 1M IFF 178 FFP 534 BHT 152F

302

33 N 155 W 90 21 10002 0482279210226369 0482263210226381
 10010 061 00200273 10744960 900352MSNC 8081677
 10021 TWP N 155 RGE W 90 SEC 21 055TH BR INCL PAL
 101 NDAK HUNTRAIL A 660 FSL 660 FNL C SE SW WF WF
 102 TRIGOOD 1 MAZEL ROLFE
 103 2305 GR HILOCAT
 104 2230 OF 2220 GR P API 33 061 00200 00
 105 SPUD 06/06/1977 COMP 06/21/1977 ROTARY D&A
 107 DTD 8081 FM/TO 352MSNC
 40101 DST 01 8000- 8070 362R1VL 002
 40102 OVERLAPS 352MSNC
 40131 FINAL OP 1M IFF 73 FFP 78 BHT 162F

303

33 N 155 W 91 10 10002 0482608710236663 0482608710236663
 10010 061 00202273 804001082575 110203RDRV 352R1VL 13246278
 10021 TWP N 155 RGE W 91 SEC 10 055TH BR INCL PAL
 101 NDAK HUNTRAIL A 1980 FSL 1980 FNL C NE SW WF WFD
 102 THOMSON PET 1 MARSTAD
 103 2271 KB 2256 GR STANLEY
 104 2271 OF 2256 GR P API 33 061 00202 00
 105 SPUD 08/26/1977 COMP 11/18/1977 ROTARY OIL
 107 DTD 13246 PB 8397 FM/TO 203RDRV
 20102 352R1VL PERF 8170- 8210 017

304

301-466

SUB FILE GEOHERMAL LISTING

06/08/78

PETROLEUM INFORMATION, CORP

SUB FILE GEOHERMAL LISTING

33 N 155 W 91 10 40101 DST 01 7397- 7469 353KBBY 002
 40131 FINAL OP 2M IFF 1159 FFP 2147 BHT 184F
 40201 DST 02 8130- 8210 352R1VL REVOUTS003
 40210 GAS TS IN 27M /NO GAUGE/
 40231 FINAL OP 1M IFF 450 FFP 450 BHT 174F
 40301 DST 03 8366- 8398 352R1VL S004
 40331 FINAL OP 1M IFF 316 FFP 440 BHT 178F
 40401 DST 04 9490- 9618 351LDGP 005
 40402 OVERLAPS 351BKKN 306TRFK
 40431 FINAL OP 1M IFF 266 FFP 266 BHT 184F
 40501 DST 05 10110-10250 306DPRW S006
 40531 FINAL OP 1M IFF 641 FFP 1021 BHT 200F
 40601 DST 06 11285-11463 302WPGS 007
 40602 OVERLAPS 301ELHP
 40631 FINAL OP 1M IFF 150 FFP 150 BHT 184F

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33 N 155 W 91 10
40101 DST 01 7397- 7469 353K8BY 002
40131 FINAL OP 2H IFF 1159 FFP 2147 BHT 184F
40201 DST 02 8130- 8210 352R1VL REVOUTS003
40210 GAS TS IN -27M /NO GAUGE/
40231 FINAL OP 1H IFF 450 FFP 450 BHT 174F
40301 DST 03 8366- 8398 352R1VL 5004
40331 FINAL OP 1H IFF 316 FFP 440 BHT 178F
40401 DST 04 9490- 9618 351LDGP 005
40402 OVERLAPS 351BKKN 306TRFK
40431 FINAL OP 1H IFF 266 FFP 266 BHT 184F
40501 DST 05 10110-10250 306OPRW 5006
40531 FINAL OP 1H IFF 641 FFP 1021 BHT 200F
40601 DST 06 11285-11463 302WPGS 007
40602 OVERLAPS 301ELAP 11374
40531 FINAL OP 0445M IFF 1685 FFP 1705 BHT 288F
40701 DST 07 11578-11608 251TRK 008
40731 FINAL OP 1H IFF 1609 FFP 1629 BHT 224F
40801 DST 08 12435-12570 259SLRN 009
40831 FINAL OP 0445M IFF 57 FFP 151 BHT 214F
40901 DST 09 13018-13140 203RDRV 010
40931 FINAL OP 1H IFF 76 FFP 76 BHT 212F
41001 DST 10 HOOK 12517-12717 259SLRN MISRUN 011
41002 OVERLAPS 203SNNM
41101 DST 11 HOOK 12467-12707 259SLRN MISRUN 012
41102 OVERLAPS 203SNNM
50102 353LSSL PERF W/ 1/FT 8030- 8082 GROSS
50103 353M1DL PERF W/ 1/FT 8083- 8090 014
50202 352R1VL PERF W/ 1/FT 8130- 8156 015
50302 352R1VL PERF W/ 1/FT 8170- 8210 016

33 N 155 W 96 11
10002 0482657410299447 0482666310299427
10010 105 00686273 6650 110561 11015300HD 203RDRV 13775170
10021 TWP N 155 RGE W 96 SEC 11 055TH PRINCIPAL
101 NOK WILLIAMS A 1320 FSL 1320 FEL C N D DO
102 AMERADA PETROLEUM 4 BLOW
103 2294 KB 2279 GR BEAVER LODGE
104 2289 DF 2279 GR P API 33-105- 00686 00
105 SPUD 07/22/1969 COMP 10/30/1969 ROTARY OIL
107 DTD 13765 LTD 13775 FM/TO 15300HD
20102 203RDRV PERF W/ 2/FT 12870-12938 GROSS 008
40101 DST 01 8332- 8365 352R1VL REVOUTS002
40110 GAS TS IN 0H12M PRE-OPEN 8348
40131 FINAL OP 1H IFF 497 FFP 769 BHT 212F
50102 203RDRV PERF W/ 2/FT 12870-12938 GROSS 004
50202 203RDRV PERF W/ 2/FT 12870-12938 GROSS 005
50302 203RDRV PERF W/ 2/FT 12870-12938 GROSS 006
50402 203RDRV PERF W/ 2/FT 12870-12938 GROSS 007

33 N 155 W 96 11
10002 0482586710298426 0482597010298429
10010 105 00702273 6650 110561 110306SRRV 306OPRW 10602973
10021 TWP N 155 RGE W 96 SEC 11 055TH PRINCIPAL

38.9 °C / ft

305

36.5 °C / ft

33 N 155 W 96 11
101 NOK WILLIAMS A 1320 FSL 1320 FEL C SE D DO
102 AMERADA MESS 0305 BEAVER LODGE
103 2360 KB BEAVER LODGE
104 2361 DF 2349 GR P LSE NO API 33-105- 00702-00
105 SPUD 06/09/1973 COMP 08/19/1973 ROTARY OIL
107 DTD 10602 PB 10556 FM/TO 306SRRV
20102 306OPRW PERF JET W/ 2/FT 10259-10470 004
20150 WTR
40101 DST 01 2435- 8485 5002
40110 GAS TS IN 1M12M AT 5 MCFO 4.8 MCFO
40131 FINAL OP 2H IFF 105 FFP 212 BHT 208F

33 N 155 W 96 11
10002 0482648810299688 0482662510299617
10010 105 00705273 6650 110561 110706SRRV 306OPRW 10602973

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3166
WF
7 00
A-0
SN
5003
6178

33 N 155 W 96 11 101 NOAK WILLIAMS A 1320 FSL 1320 FEL CSE D 00 306
102 AMERADA-MESS CORP 0305 BEAVER LODGE
103 2360 KB BEAVER LODGE
104 2361 DF 2349 GR P LSE NO API 33-105- 00702-00
105 SPUD 06/09/1973 COMP 08/19/1973 ROTARY OIL
107 DTD 10602 PB 10566 FM/TO 306SRRV
20102 306DPRW PERF JET W/ 2/FT 10259-10470 004
20150 HTR
40101 DST 01 0435- 8485 8460 5002
40110 GAS TS IN 1H1CM AT 5 MCFD 4 B MCFD
40131 FINAL OP 2H IFF 105 FFP 212 BHT 208F
33 N 155 W 96 11 10002 U: 82648810299688 0482662510299617
10010 105 00705273 6650 1105L1 110306SRRV 306DPRW 10480774
10021 TWP N 155 RGE W 96 SEC 11 055TH PRINCIPAL
101 NOAK WILLIAMS A 1385 FNL 1078 FHL (NE SH) 00 307
102 AMERADA-MESS CORP 0306 BLDG
103 2287 KB BEAVER LODGE
104 API 33.105. 00705 00
105 SPUD 07/16/1973 COMP 09/22/1973 ROTARY OIL
107 DTD 10480 LTD PB 10444 FM/TO 306SRRV
20102 306DPRW PERF JET W/ 2/FT 10140-10412 GROSS 004
40101 DST 01 8385- 8460 352R1VL 002
40131 FINAL OP 2H IFF 82 FFP 49 BHT 204F
33 N 155 W 96 35 10002 0482074310298775 0482091010198632
10010 105 00766273 10500 110530 911306SRRV 10360578
10021 TWP N 155 RGE W 96 SEC 35 055TH PRINCIPAL
101 NOAK WILLIAMS A 1320 FNL 1550 FEL W2 NE WD 308
102 AMERADA-MESS CORP 31-35 CAPA DEEP UNIT
103 2032 KB 2012 GR CAPA
104 API 33 105 00766 00
105 SPUD 02/03/1978 COMP 04/07/1978 ROTARY D&R-0G
107 DTD 10360 FM/TO 306SRRV
40101 DST 01 10030-10112 306DPRW 10071 5002
40131 FINAL OP 1H3CM IFF 725 FFP 1267 BHT 240F
40201 DST 02 10166-10260 306DPRW 5003
40231 FINAL OP 1H3CM IFF 748 FFP 1649
33 N 156 W 82 3 10002 0483613010120548 0483619310120542
10010 101 00087273 6937050 911353FRBR 5000067
10021 TWP N 156 RGE W 82 SEC 3 055TH PRINCIPAL
101 NOAK WARD A 1980 FSL 660 FHL (NH SH) WF WF 309
102 PUBCO-PETROLEUM 3-12 TRIPP
103 1629 KB 1619 GR WILDCAT
104 1628 ES 1620 GR P API 33-101- 00087 00
105 SPUD 10/10/1967 COMP 10/21/1967 ROTARY D&R-0G
107 DTD 5000 LTD 5000 FM/TO 353FRBR
40101 DST 01 4944- 4959 353FRBR 5002
40131 FINAL OP 2H IFF 123 FFP 857 BHT 135F

35.1 °C/km

35.3 °C/km

33 N 156 W 86 21 10002 0483252810173089 0483261610173043
10010 101 00130273 1371550 900353MHL 6415571
10021 TWP N 156 RGE W 86 SEC 21 055TH PRINCIPAL
101 NOAK WARD A 660 FNL 740 FEL W2 NE NE WF WF
102 CHAMPLIN PETROLEUM 1 VOLLNER 41-21
103 2064 KB 2052 GR WILDCAT
104 2063 DF 2053 GR P API 33-101- 00130 00
105 SPUD 04/25/1971 COMP 05/06/1971 ROTARY D&R
107 DTD 6410 LTD 6415 FM/TO 353MHL
40101 DST 01 6300- 6335 35131TA 002
40102 OVERLAPS 3525HRD
40131 FINAL OP 1H IFF 135 FFP 332 BHT 130F
33 N 156 W 86 27 10002 0483072610172512 0483077910172454
10010 101 00105273 51280 9999960 911351MDSN 6425369
10021 TWP N 156 RGE W 86 SEC 27 055TH PRINCIPAL

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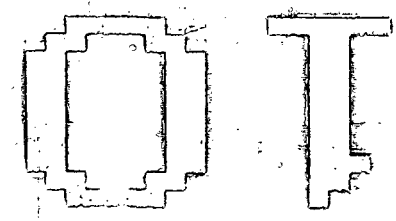
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10021 TWP N 156 RGE W 86 SEC 21 055TH PRINCIPAL
101 NDAC (HARD) A 660 FNL 740 FEL (E2 NE NE) WF WF 310
102 CHAMPLIN PETROLEUM 1 VOLLEHER 41-21
103 2064 KB 2052 GR HILOCAT
104 2063 DF 205J GR P API 33-101- 00110 00
105 SPUD 04/25/1971 COMP 05/06/1971 ROTARY D&A-G
107 DTD 6410 LTD 6415 FM/TO 353MHL
40101 DST 01 6300-6315 351ST.A 6318 002
40102 OVERLAPS 352SHRD
40131 FINAL OP 1H 1FP 135 FFP 332 BHT 130F 0

33 N 156 W 86 27 10002 0483072610172512 0483077910172454
10010 101 00105273 51280 9999960 911351MDSN 6425J69
10021 TWP N 156 RGE W 86 SEC 27 055TH PRINCIPAL
101 NDAC (HARD) A 1980 FNL 660 FNL (E2 NE) D 311
102 DEPCO INC 1 KEISER
103 2080 KB 2078 GR LONE TREE
104 2085 DF 2077 GR P API 33-101- 00105 00
105 SPUD 06/11/1969 COMP 06/24/1969 ROTARY D&A-G
107 DTD 6425 FM/TO 351MDSN
40101 DST 01 6371- 6425 352SHRD 5002
40102 OVERLAPS 351MDSN
40131 FINAL OP QH30M 1FP 274 FFP 315 BHT 154F 0

33 N 156 W 86 34 10002 0482966910171939 0482969910171889
10010 101 00114273 51280 8325060 911353MHL 6460470
10021 TWP N 156 RGE W 86 SEC 34 055TH PRINCIPAL
101 NDAC (HARD) A 660 FNL 1980 FNL (E2 NE) D 312
102 WILHITE J 1 KETSER-ROBERTS
103 2098 KB LONE TREE
104 2093 DF 2084 GR P LSE NO API 33-101- 00114-00
105 SPUD 12/26/1969 COMP 01/07/1970 ROTARY D&A-G
107 DTD 6460 FM/TO 353MHL
40101 DST 01 6394- 6438 352SHRD 5002
40131 FINAL OP 1H 1FP 140 FFP 326 BHT 148F 0

33 N 156 W 88 27 10002 0483006810197002 0482997 10197142
10010 061 60001273 7432050 901203RDRV 785174
10021 TWP N 156 RGE W 88 SEC 27 055TH PRINCIPAL
101 NDAC (CENTRAL) A 660 FSL 1820 FEL (E2 SW SE) WF WF 313
102 MELIS WILLIAM G E STATE 1-R WF BAUER
103 2201 KB 2189 GR HILOCAT
104 API 33 061 60001 00
105 SPUD 08/25/1971 COMP 11/02/1971 ROTARY D&A-G
107 DTD 11785 FM/TO 203RDRV
40101 DST 01 7445- 7505 352MSNC 002
40131 FINAL OP 1H10M 1FP 86 FFP 216 BHT 140F 0
40201 DST 02 11300-11779 203RDRV 003
40231 FINAL OP 2H 1FP 495 FFP 514

RM	INDEX
A	33 N 153 W 95 4
B	33 N 153 W 95 30
C	33 N 153 W 96 10
D	33 N 154 W 95 2
E	33 N 154 W 103 7
F	33 N 154 W 103 7
G	33 N 155 W 85 19
H	33 N 155 W 86 11
I	33 N 155 W 86 13
J	33 N 155 W 86 22
K	33 N 155 W 91 10
L	33 N 155 W 96 11
M	33 N 156 W 86 21



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S005

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N 002
S003

33 N 156 W 88 27 40301 DST 03 STRD 10928-11035 259SLRN 004
40331 FINAL OP 2H FFP 2265 BHT 243F
40401 DST 04 STRD 9400-9460 306SRRV 5005
40431 FINAL OP 1H IFF 67 FFP 160

33 N 156 W 102 29 10002 0483045510383386 0483054910383388
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10021 TWP N 156 RGE W 102 SEC 29 055TH PRINCIPAL
101 NDAR WILLIAMS A 2140 FSL 1982 FWL NE NE SW WF 314
102 HUNT LAMAR 1 PAUL HARRSTAD
103 2408 KB 2394 GR WILDCAT
104 2407 OF 2393 GR P LSE NO API 33-105- 00690-00
105 SPUD 06/02/1970 COMP 08/09/1970 ROTARY D&A-OG
107 DTD 13511 LTD 13500 FM/TD 203RDRV
40101 DST 01 9146-9194 354RCLF CUSH 1188 WTR 5002
40131 FINAL OP 3H IFF 687 FFP 1590 BHT 225F 9170
40201 DST 02 10796-10850 306NSKU CUSH 2850 WTR 5003
40231 FINAL OP 2H IFF 1342 FFP 1673 BHT 223F 10823
40301 DST 03 13238-13310 203RDRV CUSH 4606 WTR 5007
40331 FINAL OP 2H IFF 2389 FFP 2380 BHT 280F
40401 DST 04 13290-13380 203RDRV CUSH 4606 WTR 008
40431 FINAL OP 2H IFF 2421 FFP 2557 BHT 285F
40501 DST 05 13405-13511 203RDRV CUSH 5146 WTR 009
40531 FINAL OP 3H IFF 2512 FFP 3463 BHT 274F

33 N 156 W 103 17 10002 0483411310396422 0483410310396514
10010 105 00682273 110550 911109PCMB 14390569
10021 TWP N 156 RGE W 103 SEC 17 055TH PRINCIPAL
101 NDAR WILLIAMS A 660 FNL 1881 FWL NE NW WF 315
102 AMERADON PETROLEUM 1 NELS TROUSTAD
103 2413 KB 2398 GR WILDCAT
104 2410 ES 2398 GR P API 33-105- 00682 00
105 SPUD 01/12/1969 COMP 04/18/1969 ROTARY D&A-OG
107 DTD 14387 LTD 14390 FM/TD 109PCMB
40101 DST 01 9533-9570 351MOSH CUSH 430 WTR 002
40131 FINAL OP 1H10M IFF 325 FFP 411 BHT 209F
40201 DST 02 10494-10560 351BKKN CUSH 1412 WTR 5003
40231 FINAL OP 2H IFF 732 FFP 839
40301 DST 03 10705-10750 306DPRH CUSH 1600 WTR 5004
40331 FINAL OP 1H10M IFF 887 FFP 1055
40401 DST 04 10910-10955 306DPRH CUSH 1788 WTR 5005
40431 FINAL OP 1H10M IFF 857 FFP 871 BHT 225F
40501 DST 05 11655-11709 302WPGS CUSH 2571 WTR 007
40531 FINAL OP 1H10M IFF 1167 FFP 1167 BHT 275F
40601 DST 06 11884-11923 259SLRN CUSH 2822 WTR 009
40631 FINAL OP 0H10M IFF 1381 FFP 1390
40701 DST 07 12658-12683 203GNTN CUSH 3574 WTR 010
40731 FINAL OP 1H10M IFF 1691 FFP 1857
40801 DST 08 12910-12933 203RDRV MISRUN 011
40901 DST 8A 12894-12933 203RDRV CUSH 3856 WTR 5012
40931 FINAL OP 1H IFF 1733 FFP 1750 BHT 240F

36.0 °C / km

6429
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33 N 156 W 103 17 41001 DST 09 12892-12966 203RDRV MISRUN 013
41101 DST 9A 12892-12966 203RDRV CUSH 3860 WTR 5014
41131 FINAL OP 1H10M IFF 1821 FFP 1890
41201 DST 10 13381-13417 202WMPG CUSH 4244 WTR 015
41231 FINAL OP 1H IFF 1914 FFP 1914 BHT 252F
41301 DST 11 13410-13473 202WMPG MISRUN 016
41401 DST11A 13380-13473 202WMPG MISRUN 017
41501 DST11B 13391-13473 202WMPG MISRUN 018
41601 DST11C 13431-13473 202WMPG MISRUN 019
41701 DST11D 13275-13473 202WMPG CUSH 4197 WTR 020
41731 FINAL OP 50M IFF 2041 FFP 2080

33 N 156 W 103 32 10002 0482935210396413 0482922310396451
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10021 TWP N 156 RGE W 103 SEC 32 055TH PRINCIPAL
101 NDAR WILLIAMS A 1980 FNL 1980 FWL C SE NW WF
102 TALK ALL

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 756

SUB FILE GEOTHERMAL LISTING

33 N 156 W 103 17 41001 DST 09 12892-12966 203RDRV MISRUN 013
 41101 DST 9A 12892-12966 203RDRV CUSH 3860 WTR 5014
 41131 FINAL OP 1M10M IFF 1821 FFP 1890
 41201 DST 10 13381-13417 202HMPG CUSH 4244 WTR 015
 41231 FINAL OP 1H IFF 1914 IFF 1914 BHT 252F
 41301 DST 11 13410-13473 202HMPG MISRUN 016
 41401 DST 11A 13380-13473 202HMPG MISRUN 017
 41501 DST 11B 13391-13473 202HMPG MISRUN 018
 41601 DST 11C 13431-13473 202HMPG MISRUN 019
 41701 DST 11D 13275-13473 202HMPG CUSH 4197 WTR 020
 41731 FINAL OP 50M IFF 2041 FFP 2080

33 N 156 W 103 32 10002 0482935210396413 048292231039645;
 10010 105 00739273 9026050 911302WPGS 11897176
 10021 TWP N 156 RGE W 103 SEC 32 055TH PRINCIPAL
 101 NDAK WILLIAMS A 1980 FSL 1980 FSL C SE NW WF 316
 102 TRUE OIL 22-32 AAPAD1
 103 2433 KB 2413 GR WILDCAT
 104 API 33 105 00739 00
 105 SPUD 11/04/1975 COMP 12/25/1975 ROTARY O&A-OG
 107 DTD 11890 LTD 11897 FM/TO 302WPGS
 40101 DST 01 10666-10754 306HSKU 10710 5002
 40131 FINAL OP 2H IFF 817 FFP 886 BHT 288F
 40201 DST 02 11072-11180 306DPRW 003
 40231 FINAL OP 2H IFF 996 FFP 1106 BHT 230F

41.4°C/ft

33 N 157 W 79 12 10002 0484315610080067 0484314010079992
 10010 049 00098273 8560550 910352MSNC 4085272
 10021 TWP N 157 RGE W 79 SEC 12 055TH PRINCIPAL
 101 NDAK ACHENRY A 663 FSL 662 FEL C SE NW WF 317
 102 SUPERIOR OIL 1 MILLER
 103 1487 KB 1477 GR WILDCAT
 104 1484 DF 1476 GR P API 33-049- 00798 00
 105 SPUD 07/19/1971 COMP 08/11/1971 ROTARY O&A-O
 107 DTD 4085 FM/TO 352MSNC
 40101 DST 01 3904- 3928 352MSNC 3916 5004
 40131 FINAL OP 0445M IFF 15 FFP 25 BHT 168F

57.2°C/ft

33 N 157 W 79 12 10002 0484316310081747 0484315410081654
 10010 049 00099273 8560550 910352MSNC 4100K71
 10021 TWP N 157 RGE W 79 SEC 12 055TH PRINCIPAL
 101 NDAK ACHENRY A 665 FSL 661 FEL C NE SW SW WF 318
 102 SUPERIOR OIL CO 2 MILLER
 103 1485 KB 1474 GR WILDCAT
 104 1484 DF 1475 GR P API 33-049- 00099 00
 105 SPUD 11/25/1971 COMP 12/02/1971 ROTARY O&A-O
 107 DTD 4100 LTD 4098 FM/TO 352MSNC
 40101 DST 01 3870- 3925 352MSNC 3898 003
 40102 OVERLAPS 602KOTM
 40131 FINAL OP 1H IFF 35 FFP 165 BHT 11

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 757

SUB FILE GEOTHERMAL LISTING

33 N 157 W 81 29 10002 0483912110115499 0483890010115443
 10010 101 00198273 15735 911351MDSN 4824477
 10021 TWP N 157 RGE W 81 SEC 29 055TH PRINCIPAL
 101 NDAK WARD A 1980 FSL 1980 FEL C NW SE WF
 102 APACHE CORP 1-29 WARD ESTATE
 103 1587 GR WILDCAT
 104 API 33 101 00198 00
 105 SPUD 11/06/1976 COMP 11/20/1976 ROTARY O&A-OG
 107 DTD 4824 FM/TO 351MDSN
 40101 DST 01 4766- 4784 351MDSN 5002
 40131 FINAL OP 1H IFF 95 FFP 313 BHT 116F

33 N 157 W 82 1 10002 0484499810119641 0484480810119622
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SUB FILE GEOTHERMAL LISTING

33 N 157 W 81 29 10002 048391211/115499 0483890010115443
10010 101 00198273 15735 911351MDSN 4824477
10021 TWP N 157 RGE W 81 SEC 29 055TH PRINCIPAL
101 NDAK WARD A 1980 FSL 1980 FSL C NW SE WF WF 319
102 APACHE CORP 1-29 WARD ESTATE
103 1587 GR WILDCAT
104 API 33 101 00198 00
105 SPUD 11/06/1976 COMP 11/20/1976 ROTARY D&A-0G
107 DTD 4824 FM/TO 351MDSN
40101 DST 01 4768- 4784 351MDSN S002
40131 FINAL OP 1H IFF 95 FFP 313 BHT 116F
33 N 157 W 82 1 10002 0484499810119641 0484480810119622
10010 101 00172273 5256558 800251TRK 7161J75
10021 TWP N 157 RGE W 82 SEC 1 055TH PRINCIPAL
101 NDAK WARD A 2025 FSL 1880 FSL C NE SE WF WF 320
102 MARATHON OIL 1 BOATN
103 1559 KB 1547 GR WILDCAT
104 API 33 101 00172 00
105 SPUD 10/07/1974 COMP 11/11/1974 ROTARY J&A
107 DTD 7161 FM/TO 251TRK
40101 DST 01 6765- 6821 302HFGS 003
40131 FINAL OP 1A30M IFF 2196 FFP 3236 BHT 158F
33 N 157 W 82 21 10002 0484056810125801 0484036410125710
10010 101 00194273 157350 910351MDSN 4940477
10021 TWP N 157 RGE W 82 SEC 21 055TH PRINCIPAL
101 NDAK WARD A 1980 FSL 660 FSL C NE SE WF WF 321
102 APACHE CORP 1-21 PETERS
103 1615 GR WILDCAT
104 API 33 101 00194 00
105 SPUD 10/29/1976 COMP 11/08/1976 ROTARY D&A-0
107 DTD 4940 FM/TO 351MDSN
40101 DST 01 4894- 4910 351MDSN S002
40131 FINAL OP 1H IFF 414 FFP 1268 BHT 133F
33 N 157 W 82 33 10002 0483727510127357 0483736710127457
10010 101 00157273 6040050 900352GLBR 5036
10021 TWP N 157 RGE W 82 SEC 37 055TH PRINCIPAL
101 NDAK WARD A 660 FSL 660 FSL C SH SW WF WF 322
102 NO AMERICAN ROYALTIES 1 JOSEPH G DENDINGER
103 1655 KB 1646 GR WILDCAT
104 1653 DF 1645 GR P LSE NO API 33-101- 00157-00
105 SPUD 11/20/1972 COMP 11/30/1972 ROTARY D&A
107 DTD 5036 FM/TO 352GLBR
40101 DST 01 4972- 4976 351STTA 002
40102 OVERLAPS 352GLBR
40131 FINAL OP 2H IFF 110 FFP 890 BHT 134F
33 N 157 W 82 34 10002 0483767410125337 0483748910125239
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06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 157 W 82 34 10021 TWP N 157 RGE W 82 SEC 34 055TH PRINCIPAL
101 NDAK WARD A 1980 FSL 660 FSL C NW SW WF WF
102 BILLS DON ETAL 1 HVETTE WARD
103 1636 KB 1626 GR WILDCAT
104 1636 DF 1628 GR P LSE NO API 33-101- 00177-00
105 SPUD 01/05/1975 COMP 01/31/1975 ROTARY D&A
107 DTD 5034 FM/TO 352GLBR
40101 DST 01 4960- 4984 352GLBR 002
40131 FINAL OP 1H IFF 516 FFP 1284 BHT 144F
33 N 157 W 83 1 10002 0484561210133874 0484564410133900
10010 101 00176273 1425050 900352GLBR 4929478
10021 TWP N 157 RGE W 83 SEC 1 055TH PRINCIPAL
101 NDAK WARD A 2025 FSL 1880 FSL C NE SE WF WF

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06/08/78

PAGE 758

SUB FILE GEOTHERMAL LISTING

33 N 157 W 82 34 10021 TWP N 157 RGE W 82 SEC 34 055TH PRINCIPAL
101 NOA WARD A 1980 FSL 660 FNL C NE SE WF 323
102 BILLS DON ETAL 1 HUETT WARD
103 1636 KB 1626 GR WILDCAT
104 1636 OF 1628 GR P LSE NO API 33-101- 00177-00
105 SPUD 01/05/1975 COMP 01/31/1975 ROTARY D&A
107 DTD 5034 FM/TD 352GLBR
40101 DST 01 4960-4984 352GLBR 4972 002
40131 FINAL OP 1H IFP 518 FFP 1284 BHT 144F

36.3°C/ft

33 N 157 W 83 1 10002 0484561210133874 0484564410133900
10010 101 00176273 1425050 900352GLBR 4929478
10021 TWP N 157 RGE W 83 SEC 1 055TH PRINCIPAL
101 NOA WARD A 684 FNL 660 FNL S2 NW NE WF 324
102 CLEARY PET 1-1 AVERY
103 1631 KB 1619 GR WILDCAT
104 1628 OF 1620 P API 33 101 00176 00
105 SPUD 11/20/1974 COMP 11/30/1974 ROTARY D&A
107 DTD 4929 FM/TD 352GLBR
40101 DST 01 4910-4930 352GLBR 002
40131 FINAL OP 1H IFP 198 FFP 456 BHT 122F

33 N 157 W 86 3 10002 0484538310175786 0484537310175791
10010 101 00185273 8970550 911352MSNC 6000376
10021 TWP N 157 RGE W 86 SEC 3 055TH PRINCIPAL
101 NOA WARD A 1980 FNL 660 FEL SE NE WF 325
102 GETTY OTL 1 BURTON-GRAFF ETAL
103 1837 KB 1824 GR WILDCAT
104 API 33 101 00185 00
105 SPUD 12/22/1975 COMP 01/12/1976 ROTARY D&A-OG
107 DTD 6000 FM/TD 352MSNC
20141 @ 6000FT BHT 138F
40101 DST 01 5815- 5877 353M10L S005
40201 DST 02 5875- 5997 352MSNC S006

33 N 157 W 86 5 10002 0484575410180680 0484585810180730
10010 101 00101273 8325050 910351STTA 6249469
10021 TWP N 157 RGE W 86 SEC 5 055TH PRINCIPAL
101 NOA WARD A 660 FNL 1980 FEL C NE NE WF 326
102 WILHITE I J ETAL 1 JAMES FINK
103 1975 OF 1964 GR WILDCAT
104 API 33-101- 00101 00
105 SPUD 01/30/1969 COMP 02/15/1969 ROTARY D&A-0
107 DTD 6249 FM/TD 351STTA
40101 DST 01 6100- 6130 351STTA S002
40131 FINAL OP 1H IFP 67 FFP 89 BHT 147F

33 N 157 W 87 8 10002 0484365410193184 0484350310193184
10010 101 00099273 4750 9999911 110352MSNC 351MDSN 6712476
10021 TWP N 157 RGE W 87 SEC 8 055TH PRINCIPAL
101 NOA WARD A 1980 FSL 660 FEL C NE SE WOE 327

06/08/78

PAGE 759

SUB FILE GEOTHERMAL LISTING

33 N 157 W 87 8 102 WATKINS ROBERT M 1 SAMUEL WILSON
103 2244 KB 2233 GR AURELIA SOUTHWEST
104 API 33 101 00099 00
105 SPUD 09/29/1968 COMP 11/14/1968 ROTARY OIL
107 DTD 6712 FM/TD 352MSNC
20102 351MDSN PERF W/ 2/FT 6659- 6665 007
40101 DST 01 6660- 6676 352MSNC S003
40110 GAS TS IN OH15M BURN 7 FT FLARE
40131 FINAL OP OH30M IFP 85 FFP 212 BHT 158F
50102 351MDSN PERF W/ 2/FT 6659- 6665 005
50150 WTR
50202 351MDSN PERF W/ 2/FT 6659- 6665 006
50250 WTR

33 N 157 W 87 9 10002 0484370210192649 0484390110192619
10010 101 00192273 4750 7281011 110352BLL 352CLLL 6635K76
10021 TWP N 157 RGE W 87 SEC 9 055TH PRINCIPAL

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SGC

33 N 157 W 87 8 102 WATKINS ROBERT M 1 SAMUEL WILSON
103 2244 KB 2233 GR AURELIA SOUTHWEST
104 API 33 101 00099 00
105 SPUD 09/29/1968 COMP 11/14/1968 ROTARY OIL
107 DTD 6712 FM/TD 352MSNC
20102 351MSDN PERF W/ 2/FT 6659- 6665 007
40101 DST 01 6660- 6676 352MSNC S003
40110 GAS TS IN OH15M BURN 7 FT FLARE
40131 FINAL OP OH30M IFF 85 FFP 212 BHT 158F
50102 351MSDN PERF W/ 2/FT 6659- 6665 005
50150 WTR
50202 351MSDN PERF W/ 2/FT 6659- 6665 006
50250 WTR

33 N 157 W 87 9 10002 0484370210192649 0484390110192619
10010 101 00192273 4750 7281011 1103528LLL 3528LLL 6535K76
10021 TWP N 157 RGE W 87 SEC 9 055TH PRINCIPAL
101 NDRAK WARD A 1830 FSL 660 FSL 42 SW NW 40 WOE 328
102 KOCH EXPLORATION 5-9 SCARDE
103 2244 KB 2233 GR AURELIA SW
104 API 33 101 00192 00
105 SPUD 09/28/1976 COMP 10/25/1976 ROTARY OIL
107 DTD 6635 FM/TD 3528LLL
20102 3528LLL OPENHOLE 6624- 6635 004
40101 DST 01 6618- 6636 3528LLL S002
40110 GAS TS IN 1H10M /NO GAUGE/
40131 FINAL OP 1H30M IFF 254 FFP 418 BHT 162F

33 N 157 W 91 4 10002 0484467710243142 0484469910243140
10010 061 00184273 9120550 910352R1VL 7911669
10021 TWP N 157 RGE W 91 SEC 4 055TH PRINCIPAL
101 NDRAK MONTREAL A 660 FSL 510 FSL SE SW WF 329
102 UNION OIL OF CALIFORNIA 1 EDWIN JOHNSON
103 2372 KB 2361 GR WILD CAT
104 2370 ES 2362 GR P API 33-061- 00184 00
105 SPUD 05/22/1969 COMP 06/12/1969 ROTARY DBA-O
107 DTD 7908 LTD 7911 FM/TD 352R1VL
40101 DST 01 7749- 7877 353CRLS S004
40102 OVERLAPS 353MIDL 352R1VL
40131 FINAL OP 1H IFF 67 FFP 89 BHT 175F

33 N 157 W 94 9 10002 0484323310283021 0484332610282829
10010 061 00199273 92500 1124531 11020TRDRV 203RDRV 13185577
10021 TWP N 157 RGE W 94 SEC 9 055TH PRINCIPAL
101 NDRAK MONTREAL A 810 FSL 2130 FSL ND SW SE 40 WDD 330
102 BRUNN WELLS ARMSTRONG&BNDR 9-34 JORSTAD
103 2325 KB 2309 GR WHITE EARTH
104 2319 DF 2309 GR P LSE NO API 33-061- 00199-00
105 SPUD 02/13/1977 COMP 05/25/1977 ROTARY OIL
107 DTD 13185 FM/TD 203RDRV
20102 203RDRV PERF W/ 1/FT 12845-12946 014

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33 N 157 W 94 9 40101 DST 01 8134- 8207 354RCLF S002
40131 FINAL OP 3H IFF 79 FFP 127 BHT 210F
40201 DST 02 8312- 8348 352MSNC S003
40231 FINAL OP 3H IFF 181 FFP 272 BHT 215F
40301 DST 03 8434- 8461 352MSNC 004
40331 FINAL OP 3H IFF 272 FFP 454
40401 DST 04 9280- 9301 351LOGP 005
40431 FINAL OP 3H IFF 32 FFP 48 BHT 220F
40501 DST 05 9708- 9745 306TRFK 006
40531 FINAL OP 1H30M IFF 379 FFP 364
40601 DST 06 9954- 9979 306NSKU S007
40631 FINAL OP 2H IFF 735 FFP 1978 BHT 233F

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06/08/78

PAGE 760

SUB FILE GEOTHERMAL LISTING

33 N 157 W 94 9

40101	DST 01	8134- 8207 354RCLF	8170	S002
40131	FINAL OP	3H IFF 79 FFP 127 BHT 210F		
40201	DST 02	8312- 8348 352MSNC	8330	S003
40231	FINAL OP	3H IFF 181 FFP 272 BHT 215F		
40301	DST 03	8434- 8461 352MSNC		004
40331	FINAL OP	3H IFF 272 FFP 454		
40401	DST 04	9280- 9301 351LDGP	9290	005
40431	FINAL OP	3H IFF 32 FFP 48 BHT 220F		
40501	DST 05	9708- 9745 306TRFK		006
40531	FINAL OP	1H30M IFF 379 FFP 364		
40601	DST 06	9954- 9979 306NSKU	9966	S007
40631	FINAL OP	2H IFF 735 FFP 1978 BHT 233F		
40701	DST 07	10194-10436 306DPRH	CUSH 2963 WTR.	S008
40731	FINAL OP	3H IFF 1094 FFP 1626		
40801	DST 08	11540-11596 251TRK		009
40831	FINAL OP	2H IFF 1551 FFP 2950		
40901	DST 09	12858-12886 203RDRV		010
40931	FINAL OP	3H IFF 1982 FFP 1982		
41001	DST 10	12936-12985 203RDRV		REVOUTS011
41010	GAS TS IN	1H30M AT 802 MCFD		
41011	GAS TS IN	2H55M AT 195 MCFD		
41031	FINAL OP	3H IFF 3030 FFP 2267		
41101	DST 11	12990-13082 203RDRV		S012
41131	FINAL OP	2H IFF 3740 FFP 4862 BHT 232F		

33 N 157 W 94 23

10002		0484027510279542	0484037510279290	
10010	061 00198273	10235550 901203RDRV	13470576	
10021	TWP N 157 RGE W 94 SEC 23	055TH PRINCIPAL		
101	NOAK MONTREAL A	660 FSL 530 FHL	E2 SW SW	331
102	SMOKEY OIL	14-23 WISE		
103	2300 KB 2280 GR			
104		WILDCAT		
105	SPUD 01/13/1976 COMP 04/10/1976 ROTARY	API 33 061	00198 00	
107	DTD 13470	FM/TO 203RDRV		
40101	DST 01	8432- 8520 352MSNC	8476	S002
40131	FINAL OP	3H IFF 266 FFP 363 BHT 262F		
40201	DST 02	10424-10454 306DPRH		S003
40231	FINAL OP	2H IFF 759 FFP 2322		
40301	DST 03	10429-10485 306DPRH		004
40331	FINAL OP	3H IFF 1042 FFP 1335 BHT 238F		
40401	DST 04	13423-13470 203RDRV		MISRUN 005
40501	DST 05	13423-13470 203RDRV		MISRUN 006
40601	DST 06	13340-13470 203RDRV		MISRUN007
40701	DST 07	13315-13470 203RDRV		S008
40731	FINAL OP	1H IFF 1396 FFP 1526		

33 N 157 W 95 4

10002		0484482510295630	0484509210295490	
10010	105 00722273 85000	8903031 110203RDRV	203RDRV 13075276	
10021	TWP N 157 RGE W 95 SEC 4	055TH PRINCIPAL		
101	NOAK WILLIAMS A	1471 FSL 1320 FEL	N2 SW WDD	332
102	TEXARKA INC ETAL	1 M BOSTAD		

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06/08/78

PAGE 761

SUB FILE GEOTHERMAL LISTING

33 N 157 W 95 4

103		2460 GR		WEST TIoga
104	2465 OF	2455 GR P LSE NO	API 33-105-	00722-00
105	SPUD 02/26/1975 COMP 09/13/1975 ROTARY			OIL
107	DTD 13075 LTD 13063		FM/TO 203RDRV	
20102	203RDRV PERF		12822-12866	010
40101	DST 01	8290- 8330 351MCSN		S002
40110	GAS TS IN	38M		
40131	FINAL OP	2H IFF 90 FFP 158 BHT 163F		
40201	DST 02	8360- 8396 351MCK		S003
40231	FINAL OP	3H IFF 180 BHT 160F		
40301	DST 03	9644- 9760 351BKKN		S004
40310	GAS TS IN	15M		
40331	FINAL OP	2H IFF 845 FFP 894 BHT 199F		
40401	DST 04	10180-10218 306DPRH		S005

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06/08/78

G 11
 PETROLEUM INFORMATION CORP

PAGE 761

SUB FILE GEOTHERMAL LISTING

33 N 157 W 95 4 103 2465 OF 2460 GR WEST TIOGA
 104 2465 OF 2455 GR P LSE NO API 33-105- 00722-00
 105 SPUD 02/26/1975 COMP 09/13/1975 ROTARY OIL
 107 OTO 13075 LTD 13063 FM/TO 203RDRV
 20102 203RDRV PERF 12822-12866 010
 40101 DST 01 8290- 8330 351MCSN S002
 40110 GAS TS IN 38M
 40131 FINAL OP 2H IFF 90 FFP 158 BHT 163F
 40201 DST 02 8360- 8396 351MCKK S003
 40231 FINAL OP 3H IFF 180 BHT 160F
 40301 DST 03 9644- 9760 3518KKN S004
 40310 GAS TS IN 15M
 40331 FINAL OP 2H IFF 845 FFP 894 BHT 199F
 40401 DST 04 10180-10218 306DPRH S005
 40431 FINAL OP 2H IFF 1062 FFP 1730 BHT 217F
 40501 DST 05 10345-10364 306DPRH S006
 40531 FINAL OP 2H IFF 1110 FFP 1206 BHT 220F
 50102 203RDRV PERF 12822-12866 008
 50202 203RDRV PERF W/ 2/FT 12822-12866 009

33 N 157 W 95 9 10002 0484432810296424 0484461010296346
 10010 105 00698273 85000 240540 211203RDRV 13100072
 10021 TWP N 157 RGE W 95 SEC 9 055TH PRINCIPAL
 101 NDAK WILLIAMS A 660 FNL 1980 FNL NE NW WP WD 333
 102 ASHLAND OIL INC 1-9 HEARING
 103 2434 KB TIOGA WEST
 104 GR LSE NO API 33-105- 00698-00
 105 SPUD 07/15/1972 COMP 10/07/1972 ROTARY OIL
 107 OTO 13100 LTD 13093 FM/TO 203RDRV
 40101 DST 01 8280- 8320 352MSNC S002
 40131 FINAL OP 1H30M IFF 70 FFP 95 BHP 190F
 40201 DST 02 8450- 8479 352MSNC S003
 40231 FINAL OP 30M IFF 182 FFP 219 BHP 198F
 40301 DST 03 9640- 9766 3518KKN S004
 40310 GAS TS IN 1A25M TSTM
 40331 FINAL OP 2H IFF 587 FFP 623 BHP 215F GOOD BLOW
 40401 DST 04 10176-10230 306DPRH S005
 40431 FINAL OP 1H30M IFF 587 FFP 863 BHP 224F
 40501 DST 05 11504-11537 2511RLK 006
 40531 FINAL OP 2H IFF 1165 FFP 1493
 40601 DST 06 12752-12873 203RDRV HISRUN 007
 40701 DST 07 12752-12873 203RDRV S008
 40731 FINAL OP 2H IFF 1793 FFP 1811 BHP 235F

33 N 157 W 95 9 10002 0484421710295413 0484433210295221
 10010 105 00733273 85000 8903061 110203RDRV 3518KKN 12945676
 10021 TWP N 157 RGE W 95 SEC 9 055TH PRINCIPAL
 101 NDAK WILLIAMS A 860 FNL 660 FEL S2 NE NE DO 334
 102 TEXAKOTA INC ETAL 1 HEARING
 103 2458 KB 2438 GR TIOGA WEST
 104 2449 OF 2432 GR P LSE NO API 33-105- 00733-00

06/08/78

H 11
 PETROLEUM INFORMATION CORP

PAGE 762

SUB FILE GEOTHERMAL LISTING

33 N 157 W 95 9 105 SPUD 07/22/1975 COMP 02/27/1976 ROTARY OIL
 107 OTO 12945 FM/TO 203RDRV
 20102 3518KKN PERF 9644- 9655 008
 20141 212945FT BHT 244F

33 N 157 W 95 20 10002 0484017010297764 0484032410297532
 10010 105 00735273 56400 8971060 901302WPGS 13605977

06/08/78

PETROLEUM INFORMATION CORP

PAGE 762

SUB FILE GEOTHERMAL LISTING

33 N 157 W 95 9 105 SPUD 07/22/1975 COMP 02/27/1976 ROTARY OIL
107 DTD 12945 FM/TO 203RDRV
20102 3518KKN PERF 9644- 9655 008
20141 012945FT BHT 244F

33 N 157 W 95 20 10002 0484017G10297764 0484032410297532
10010 105 00735273 5640C 8971060 901302WPGS 13605977
10021 TWP N 157 RGE W 95 SEC 20 055TH PRINCIPAL
101 NDAK WILLIAMS A 625 FSL 1175 FEL SE SW NE D 335
102 TIGER OIL 44-20 BHT
103 2305 KB 2293 GR MIDWAY
104 2305 DF 2293 P API 33 105 00735 00
105 SPUD 10/30/1975 COMP 01/14/1976 ROTARY D&A-G
107 DTD 13605 FM/TO 302WPGS
40101 DST 01 11434-11488 302DSNB MISRUN 002
40102 OVERLAPS 259SLRN
40201 DST 02 11421-11490 302DSNB 003
40202 OVERLAPS 259SLRN
40301 DST 03 12760-12792 203RDRV 004
40331 FINAL OP 2430M IFF 110 FFP 132 BHT 235F
40401 DST 04 13416-13485 302WPGS S005
40402 OVERLAPS 203RDRV
40431 FINAL OP 3430M IFF 1083 FFP 1105

33 N 157 W 95 29 10002 0483946210298031 0483958810297759
10010 105 00721273 8971058 811259SLRN 11444977
10021 TWP N 157 RGE W 95 SEC 29 055TH PRINCIPAL
101 NDAK WILLIAMS A 1981 FNL 1979 FEL SE SW NE WF 336
102 TIGER OIL 1-29 OLSON
103 2301 GP WILDCAT
104 API 33 105 00721 00
105 SPUD 10/30/1974 COMP 01/09/1975 ROTARY J&A-06
107 DTD 11444 FM/TO 259SLRN
40101 DST 01 9568- 9658 3518KKN S002
40102 OVERLAPS 351DSNB
40110 GAS TS IN 2M /10 FT FLARE/
40131 FINAL OP 3M IFF 250 FFP 250 BHT 200F
40201 DST 02 10078-10132 306OPPH S003
40210 GAS TS IN 20M /2-3 FT FLARE/
40211 OIL TS IN 1M AT 100 BOPH EST
40231 FINAL OP 2430M IFF 573 FFP 1445 BHT 213F
40301 DST 03 11398-11444 259SLRN REVOUTS004
40310 WTR TS IN 30M /NO GAUGE/
40311 GAS TS IN 10M /NO GAUGE/
40312 OIL TS IN 10M /NO GAUGE/
40313 OIL TS IN 18M AT 42 BOPD
40331 FINAL OP 0428M IFF 2136 FFP 3216 BHT 216F

33 N 157 W 95 29 10002 0483946210298031 0483958810297759
10010 105 00721273 99999 89710511110259SLRN 259SLRN 11444977
10021 TWP N 157 RGE W 95 SEC 29 055TH PRINCIPAL

06/08/78

PETROLEUM INFORMATION CORP

PAGE 763

SUB FILE GEOTHERMAL LISTING

33 N 157 W 95 29 101 NDAK WILLIAMS A 1981 FNL 1979 FEL SE SW NE WFX WFD
102 TIGER OIL 1-29 OLSON
103 2313 KB 2301 GP UNNAMED
104 API 33 105 00721 00
105 SPUD 02/09/1975 COMP 06/29/1975 ROTARY RECOMPL OIL-WO
107 DTD 11444 PB 11443 OTD 11444 FM/TO 259SLRN
20102 259SLRN PERF W/ 4/FT 11400-11442 002
40101 DST 01 9568- 9658 3518KKN S002
40110 GAS TS IN 2M /10 FT FLARE/
40131 FINAL OP 3M IFF 250 FFP 250 BHT 200F
40201 DST 02 10078-10132 306OPPH S003
40210 GAS TS IN 20M /2-3 FT FLARE/
40211 OIL TS IN 1M AT 100 BOPH EST

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 763

SUB FILE GEOTHERMAL LISTING

33 N 157 W 95 29 101 NDAK WILLIAMS A 1981 FNL 1979 FEL SE SW NE WFX WFD 337
 102 TIGER OIL 1-29 OLSON
 103 2313 KB 2301 GR UNNAMED
 104
 105 SPUD 02/09/1975 COMP 06/29/1975 ROTARY RECOMPL OIL-WO API 33 105 00721 00
 107 DTD 11444 PB 11443 OTD 11444 FM/TO 259SLRN
 20102 259SLRN PERF W/ 4/FT 11400-11442 002
 40101 DST 01 9568- 9658 351BKKN S002
 40110 GAS TS IN 2H /10 FT FLARE/
 40131 FINAL OP 3H IFF 250 FFP 250 BHT 200F
 40201 DST 02 10078-10132 306DPRW S003
 40210 GAS TS IN 20M /2-3 FT FLARE/
 40231 FINAL OP 2H30M IFF 573 FFP 1445 BHT 213F
 40301 DST 03 11398-11444 259SLRN REVOUTS004
 40310 WTR TS IN 30M /NO GAUGE/
 40311 GAS TS IN 10M /NO GAUGE/
 40312 OIL TS IN 10M /NO GAUGE/
 40313 OIL TS IN 18M AT 42 BOPD
 40331 FINAL OP 0H28M IFF 2136 FFP 3216 BHT 216F

33 N 157 W 95 29 10002 0483998610298882 0484610410298648
 10010 105 00724273 56400 8971052 101302WPGS 203RDRV 13539178
 10021 TWP N 152 RGE W 95 SEC 29 055TH PRINCIPAL
 101 NDAK WILLIAMS A 500 FNL 1979 FNL NE NE NW WFD 338
 102 TIGER OIL 21-29 NELSON
 103 2291 KB MIDWAY
 104 2304 OF 2294 P API 33 105 00724 00
 105 SPUD 02/12/1975 COMP 06/06/1975 ROTARY GAS
 107 DTD 13535 PB 13000 FM/TO 302WPGS
 111 CSU 5 1/2 213535 W/ 2740 05
 20102 203RDRV PERF W/ 2/FT 12746-12781 007
 40101 DST 01 11382-11432 302PRIR CUSH 2133 WTR S002
 40110 GAS TS IN 5H15M /NO GAUGE/
 40131 FINAL OP 6H25M IFF 1014 FFP 1086 BHT 226F
 40201 DST 02 13280-13348 302WPGS CUSH 3008 WTR S003
 40210 GAS TS IN 2H18M /NO GAUGE/
 40231 FINAL OP 2H40M IFF 1415 FFP 1351 BHT 245F
 50102 302WPGS PERF W/ 2/FT 13327-13368 006

33 N 157 W 97 2 10002 0484491210318392 0484461210318127
 10010 105 00742273 10235550 911203RDRV 13/20876
 10021 TWP N 152 RGE W 97 SEC 2 055TH PRINCIPAL
 101 NDAK WILLIAMS A 1450 FNL 1510 FNL SE SW WFD 339
 102 SMOKEY OIL 23-2 FLATER
 103 2301 KB 2281 GR WILDCAT
 104 2291 OF 2281 GR P LSE NO API 33-105- 00742-00
 105 SPUD 05/02/1976 COMP 07/06/1976 ROTARY D&A-0G
 107 DTD 13720 FM/TO 203RDRV
 40101 DST 01 10480-10570 306NSKU 002
 40131 FINAL OP 2H IFF 2361 FFP 3730 BHT 220F
 40201 DST 02 11340-11385 302DSNB S003

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 764

SUB FILE GEOTHERMAL LISTING

33 N 157 W 97 2 40202 OVERLAPS 306SRRV
 40231 FINAL OP 1H30M IFF 1163 FFP 1163 BHT 229F
 40301 DST 03 13561-13595 203RDRV S004
 40310 GAS TS IN 1H15M TSTM
 40331 FINAL OP 2H IFF 1762 FFP 2062 BHT 265F
 40401 DST 04 STRD 13462-13568 203RDRV MISRUN 005
 40501 DST 05 STRD 13462-13568 203RDRV S006
 40531 FINAL OP 2H30M IFF 2874 FFP 4115 BHT 265F

33 N 158 W 81 19 10002 0485003610118313 0485010410118177
 10010 075 00390273 30000 9999960 900351MDSN 4625267
 10021 TWP N 158 RGE W 81 SEC 19 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 1980 FNL NE NW D D
 102 CALVERT DRILG & PROD 1 KOCHER-N FORK CREEK
 103 1541 KB 1531 GR GLENBURN

SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

33 N 157 W 97 2 40202 OVERLAPS J06SRV
40231 FINAL OP 1H30M IFF 1163 FFP 1163 BHT 229F
40301 DST 03 13561-13595 203RDRV 5004
40310 GAS TS IN 1H15M TSTM
40331 FINAL OP 2H IFF 1762 FFP 2062 BHT 265F
40401 DST 04 STRD 13462-13568 203RDRV MISRUN 005
40501 DST 05 STRD 13462-13568 203RDRV 5006
40531 FINAL OP 2H30M IFF 2874 FFP 4115 BHT 265F

33 N 158 W 81 19 10002 0488203610118313 0485010410118179
10010 075 00390273 30000 9999960 900351MDSN 4625267
10021 TWP N 158 RGE W 81 SEC 19 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 1980 FEL NE NE 40 D
102 CALVERT OIL & GAS 1 KOCHER FORK CREEK
103 1541 KB 1531 GR GLENBURN
104 1541 DF 1532 GR P API 33-075- 00390 CO
105 SPUD 01/23/1967 COMP 02/02/1967 ROTARY O&A
107 DTD 4625 FM/TO 351MDSN
40101 DST 01 4563- 4585 351MDSN 4514 002
40131 FINAL OP 2H IFF 289 FFP 984 BHT 158F

33 N 158 W 81 19 10002 0484893310117755 0484890910117642
10010 075 00401273 30000 440011 110351MDSN 351MDSN 4612867
10021 TWP N 158 RGE W 81 SEC 19 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FSL 1980 FEL SW SE 40 HOE 341
102 AZTEC OIL & GAS 1 MATT ROLES
103 1569 KB 1560 GR GLENBURN
104 1572 ES 1563 GR P API 33-075- 00401 00
105 SPUD 08/17/1967 COMP 07/28/1967 ROTARY OIL
107 DTD 4612 LTD 4605 PB 4604 FM/TO 351MDSN
20102 351MDSN PERF W/ 4/FT 4589- 4599 007
40101 DST 01 4583- 4612 351MDSN 5002
40110 GAS TS IN 1H BURNED W/2 FT FLARE
40131 FINAL OP 1H30M IFF 113 FFP 264 BHT 130F
50102 351MDSN PERF W/ 4/FT 4589- 4599 005
50202 351MDSN PERF W/ 4/FT 4589- 4599 006

33 N 158 W 81 30 10002 0484749510118584 0484747510118672
10010 075 00361273 30000 440050 911351MDSN 4680566
10021 TWP N 158 RGE W 81 SEC 30 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FSL 612 FEL SW SW 40 WF 342
102 AZTEC OIL & GAS 1 G GARTING
103 1575 KB 1563 GR HILDCAT
104 1572 DF 1563 GR P API 33-075- 00361 00
105 SPUD 05/10/1966 COMP 05/19/1966 ROTARY O&A-06
107 DTD 4675 LTD 4680 FM/TO 351MDSN
40101 DST 01 4604- 4622 351MDSN 4673 5003
40131 FINAL OP 2H IFF 173 FFP 810 BHT 135F

33 N 158 W 81 30 10002 0484858710117113 0484859610117099
10010 075 00408273 30000 440019 300351MDSN 4666067

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SUB FILE GEOTHERMAL LISTING

33 N 158 W 81 30 10021 TWP N 158 RGE W 81 SEC 30 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 660 FEL NE NE 40 U
102 AZTEC OIL & GAS ETAL 2 MATT ROLES
103 1566 KB 1557 GR GLENBURN
104 1566 ES 1556 GR P API 33-075- 00408 00
105 SPUD 08/08/1967 COMP 09/19/1967 ROTARY SERVICE
107 DTD 4666 LTD 4663 FM/TO 351MDSN
40101 DST 01 4605- 4616 351STTA 5003
40131 FINAL OP 1H30M IFF 38 FFP 151 BHT 126F

33 N 158 W 82 2 10002 0485409310122020 0485376710121963
10010 075 00611273 30000 9277060 900352GLBR 4640J75
10021 TWP N 158 RGE W 82 SEC 2 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FNL 1980 FEL C SW NE 40 D
102 WAINOCO INC 32-2 MARTMAN
103 1566 KB 1556 GR GLENBURN

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S007

33 N 158 W 81 30 10021 TWP N 158 RGE W 81 SEC 30 0551 PRINCIPAL
101 NDAAK RENVILLE A 660 FNL 660 FEL NE NE NO U 343
102 AZTEC OIL & GAS ETAL 2 HATT ROLES
103 1566 KB 1567 GR GLENBURN
104 1566 CS 1566 GR P API 33-075- 00408 00
105 SPUD 08/08/1967 COMP 09/19/1967 ROTARY SERVICE
107 DTD 4666 LTD 4663 FM/TD 351MDSN
40101 DST 01 4606- 4616 351STTA S003
40131 FINAL OP 1H30M IFF 38 FFP 151 BMT 126F

33 N 158 W 82 2 10002 0485409310122020 0485376710121963
10010 075 00611273 30000 9277060 900352GLBR 4640375
10021 TWP N 158 RGE W 82 SEC 2 055TH PRINCIPAL 344
101 NDAAK RENVILLE A 1980 FNL 1980 FEL SW NE D D
102 WAINOCO TNC 32-2 HARTMAN
103 1565 KB 1565 GR GLENBURN
104 1563 DF 1565 GR P LSE NO API 33-075- 00611-00
105 SPUD 10/27/1975 COMP 11/10/1975 ROTARY D&A
107 DTD 4622 LTD 4640 FM/TD 352GLBR
40101 DST 01 4648- 4672 352GLBR S002
40102 OVERLAPS 351STTA
40131 FINAL OP 1H IFF 619 FFP 865 BMT 130F

33 N 158 W 82 9 10002 0485255910126367 0485270910126359
10010 075 00503273 1370550 900352GLBR 4700871
10021 TWP N 158 RGE W 82 SEC 9 055TH PRINCIPAL
101 NDAAK RENVILLE A 1980 FNL 1980 FEL SW NE WF WF 345
102 CHAMPLIN PETROLEUM 1 D KNUDSEN 32-9
103 1600 KB 1589 GR WILDCAT
104 1600 DF 1590 GR P API 33-075- 00503 00
105 SPUD 04/07/1971 COMP 04/18/1971 ROTARY D&A
107 DTD 470C FM/TD 352GLBR
40101 DST 01 4620- 4642 352GLBR 002
40131 FINAL OP 1H30M IFF 163 FFP 483 BMT 130F
40201 DST 02 STRD 4636- 4654 352GLBR 003
40231 FINAL OP 0H30M IFF 50 FFP 483 BMT 132F

33 N 158 W 82 10 10002 0485187410125321 0485160110125250
10010 075 00612273 3000 9277010 900352GLBR 4665075
10021 TWP N 158 RGE W 82 SEC 10 055TH PRINCIPAL
101 NDAAK RENVILLE A 660 FSL 660 FNL SW SW NO NO 346
102 WAINOCO TNC 14-10 KLOSTERMAN
103 1597 KB 1587 GR GLENBURN
104 API 33 075 00612 00
105 SPUD 09/28/1975 COMP 10/09/1975 ROTARY D&A
107 DTD 4665 FM/TD 352GLBR
40101 DST 01 4610- 4625 352GLBR 4618 002
40131 FINAL OP 1H IFF 279 FFP 665 BMT 170F

33 N 158 W 82 23 10002 0485003210121944 0485003610121990
10010 075 00533273 30000 9999961 110351MDSN 352GLBR 4660573

49.3°C / 11m

S004

S 006
S 007
S 008

70283
44977

L
E-0

78 00

33 N 158 W 82 23 10021 TWP N 158 RGE W 82 SEC 23 055TH PRINCIPAL
101 NDAAK RENVILLE A 660 FNL 1980 FEL C NW NE D DO
102 HAWLEY JOHN B TRUST 1 SHARP
103 1588 KB 1579 GR GLENBURN
104 1586 DF 1578 GR P LSE NO API 33-075- 00533-00
105 SPUD 03/02/1973 COMP 04/12/1973 ROTARY OIL
107 DTD 4660 FM/TD 351MDSN
20102 352GLBR PERF JET W/ 2/FT 4575- 4584 005
20150 WTR
40101 DST 01 4572- 4590 352GLBR S002
40110 GAS TS IN. INDEA BURNED W/2-3 FT FLAR
40131 FINAL OP 2H IFF 161 FFP 415 BMT 128F
40132 7823 00 DEFS JET W/ 2/FT 4675- 4684 004

SUB FILE GEOTHERMAL LISTING

S004
006
007
008

70283
44977
DO

78 DO
LIL
10SN
C
G

S003

S004

159901
405077
AL
DO

NG
G
646 DO
OIL
MHLL

007
S004

S005

236582
440768
AL
F HF

1698
D&A
MDSN
004

06/08/78

PETROLEUM INFORMATION CORP

PAGE 766

SUB FILE GEOTHERMAL LISTING

33 N 158 W 82 23 10021 TWP N 158 RGE W 82 SEC 23 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 1980 FEL NH NW DO DO 347
102 MAWLEY JOHN B TRUST 1 SHARP
103 1588 KB 1579 GR GLENBURN
104 1886 DF 1578 GR P LSE NO API 33-075- 00533-00
105 SPUD 03/02/1973 COMP 04/12/1973 ROTARY OIL
107 DTD 4660 FM/TD 351MDSN
20102 352GLBR PERF JET W/ 2/FT 4575- 4584 005
20150 WTR
40101 DST 01 4572- 4590 352GLBR S002
40110 GAS TS IN THOEN BURNED W/2-3 FT FLAR
40131 FINAL OP 2H IFF 161 FFP 415 BHT 128F
50102 352GLBR PERF JET W/ 2/FT 4575- 4584 004

33 N 158 W 82 24 10002 0484890110119690 0484890310119842
10010 075 00445273 30000 9999961 110352GLBR 352GLBR 4700569
10021 TWP N 158 RGE W 82 SEC 24 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FSL 1980 FEL C SH SW DO DO 348
102 BUTTES GAS & OIL 1 W B MARCKLEIN
103 1584 KB 1574 GR GLENBURN
104 1582 ES 1574 GR P API 33-075- 00445 00
105 SPUD 03/06/1969 COMP 04/09/1969 ROTARY OIL
107 DTD 4700 LTD 4689 FM/TD 352GLBR
20102 352GLBR PERF W/ 4/FT 4606- 4613 005
40101 DST 01 4580- 4625 352GLBR S002
40131 FINAL OP 1H30M IFF 117 FFP 271 BHT 132F
50102 352GLBR PERF W/ 4/FT 4606- 4613 004

33 N 158 W 82 25 10002 0484783310119203 0484779410119234
10010 075 00432273 30000 9999961 110351MDSN 352MSNC 4674768
10021 TWP N 158 RGE W 82 SEC 25 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FSL 660 FEL C NE SE DO DO 349
102 GEOCHEMICAL SURVEYS 1 HATTIE RANDALL
103 1518 KB 1510 GR GLENBURN
104 1579 ES 1571 GR P API 33-075- 00432 00
105 SPUD 04/13/1968 COMP 05/15/1968 ROTARY OIL
107 DTD 4672 LTD 4674 PB 4634 FM/TD 351MDSN
20102 352MSNC PERF JET W/ 3/FT 4597- 4600 004
40101 DST 01 4589- 4613 352MSNC S002
40110 GAS TS IN 40M 3 FT FLARE
40131 FINAL OP 1H IFF 248 FFP 740 BHT 130F

33 N 158 W 83 24 10002 0484926910132891 0484911910132862
10010 075 00676273 3336050 900351MDSN 4885478
10021 TWP N 158 RGE W 83 SEC 24 055TH PRINCIPAL
101 NDAK RENVILLE A 2080 FSL 2170 FEL NH NW SE WF WF 350
102 HANOVER MANAGEMENT ETAL 1 HENSEN
103 1628 KB 1618 GR WILDCAT
104 API 33 075 00676 00
105 SPUD 07/26/1976 COMP 08/07/1976 ROTARY D&A
107 DTD 4885 FM/TD 351MDSN

M 11

06/08/78

PETROLEUM INFORMATION CORP

PAGE 767

SUB FILE GEOTHERMAL LISTING

33 N 158 W 83 24 40101 DST 01 4808- 4825 351MDSN 002
40131 FINAL OP 1H IFF 892 FFP 1838 BHT 129F

33 N 158 W 83 26 10002 0484741710136142 0484754710136153
10010 075 00337273 1310050 910351MDSN 5183166
10021 TWP N 158 RGE W 83 SEC 26 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FSL 660 FNL SH SW WF WF
102 CARDINAL PETROLEUM 14-26 CARDINAL-BAKER
103 1634 KB 1624 GR WILDCAT
104 1630 DF 1624 GR P API 33-075- 00337 00
105 SPUD 07/02/1976 COMP 07/18/1976 ROTARY D&A

267633
554867
AL
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1631 DO
D&A

SUB FILE GEOTHERMAL LISTING

267633
994K67
AL
F WF
681 00
D&A
MSNC
002

369F
D&A
AL
IF WF

1720-00
D&A
RCLF
002

1390856
862J70
AL
IF WF
NCT-1/

1693-00
D&A-06
RCLF
RUM 002
S003
S005

0384926
8471077
PAL
WF WFD

076L
01W
3M10L

33 N 158 W 83 24 40101 DST 01 4808- 4825 351MOSN 002
40131 FINAL OP 1H IFF 892 FFP 1838 BHT 129F
33 N 158 W 83 26 10002 075 00337273 048474710136142 0484754710136153
10010 1310050 910351MOSN 5183166
10021 TWP N 158 RGE W 83 SEC 26 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FSL 660 FHL SH SH WF 351
102 CARDINAL PETROLEUM 14-26 CARDINAL BAKER
103 1634 KB 1624 GR WILDCAT
104 1630 DF 1624 GR P API 33-075- 00337 00
105 SPUD 12/06/1965 COMP 12/19/1965 ROTARY D&A-0
107 DTD 5180 LTD 5183 FM/TO 351MOSN
40101 DST 01 4900- 4927 351MOSN S003
40131 FINAL OP 2H IFF 438 FFP 2250 BHT 134F

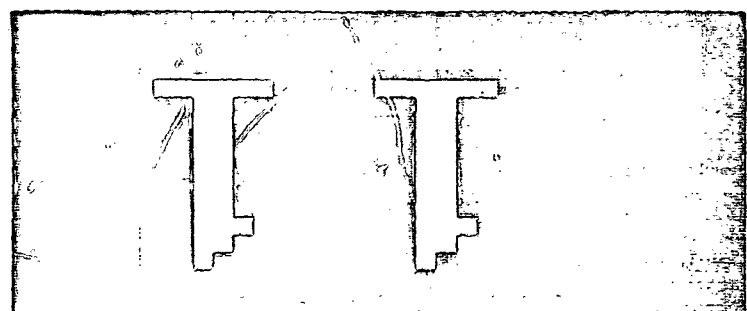
33 N 158 W 83 26 10002 075 00534273 0484854710136078 0484859710136178
10010 8120550 901351MOSN 4960473
10021 TWP N 158 RGE W 83 SEC 26 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 660 FHL NH NH WF WF 352
102 SOMIO PETROLEUM 1 LILLIAN ARMSTRONG
103 1630 KB 1621 GR WILDCAT
104 1631 DF 1621 GR P LSE NO API 33-075- 00534-00
105 SPUD 03/31/1973 COMP 04/08/1973 ROTARY D&A-6
107 DTD 4950 LTD 4934 FM/TO 351MOSN
40101 DST 01 4900- 4930 352GLBR S002
40131 FINAL OP 1H IFF 686 FFP 2036 BHT 134F

33 N 158 W 85 1 10002 075 00645273 4770010123261 110353MHL 352SHRD 5435377
10010 0485409110160041 0485403310159999
10021 TWP N 158 RGE W 85 SEC 1 055TH PRINCIPAL
101 NDAK RENVILLE A 1830 FNL 660 FHL SH SH DO 353
102 SUNBEAM GAS 2 FEDERAL CARLING
103 1749 KB 1737 GR LAKE CARLING
104 1747 DF 1739 P API 33 075 00645 00
105 SPUD 01/09/1976 COMP 02/10/1976 ROTARY OIL
107 DTD 5435 PB 5382 FM/TO 353MHL
20102 352SHRD PERF 5324- 5350 005
40101 DST 01 5316- 5355 353MHL 5336 S003
40131 FINAL OP 1H IFF 212 FFP 381 BHT 148F

35.2 °C / ft

33 N 158 W 85 2 10002 075 00518273 47700 2342961 110351MOSN 352SHRD 5480J73
10010 0485352610161664 0485354510161655
10021 TWP N 158 RGE W 85 SEC 2 055TH PRINCIPAL
101 NDAK RENVILLE A 1320 FSL 1980 FHL C E2 SH DO 354
102 DEPCO INC 1 VENOGEL
103 1799 KB 1787 GR LAKE CARLING
104 API 33 075 00518 00
105 SPUD 04/06/1972 COMP 06/15/1972 ROTARY OIL
107 DTD 5480 FM/TO 351MOSN
20102 352SHRD PERF W/ 2/FT 5406- 5428 005
40101 DST 01 5378- 5415 352SHRD S003

RM	INDEX		
A	33 N 156 W	88	27
B	33 N 156 W	103	17
C	33 N 157 W	81	29
D	33 N 157 W	82	34
E	33 N 157 W	87	8
F	33 N 157 W	94	9
G	33 N 157 W	95	4
H	33 N 157 W	95	3
I	33 N 157 W	95	29
J	33 N 157 W	97	2
K	33 N 158 W	81	30
L	33 N 158 W	82	23
M	33 N 158 W	83	24



N. CORP PAGE 781
 SUB FILE GEOTHERMAL LISTING

004
 002

927
 378

40

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042
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 002

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A 12

06/08/78 PETROLEUM INFORMATION, CORP PAGE 768
 SUB FILE GEOTHERMAL LISTING

5396

33 N 158 W 85 2 40131 FINAL OP OH30M IFF 1130 FFP 1646 BHT 156F

33 N 158 W 85 2 10002 0485368810161214 0485369010161127
 10010 075 00555273 47700 9999961 110352SHRD 352SHRD 5461475
 10021 TWP N 158 RGE W 85 SEC 2 055TH PRINCIPAL
 101 NDAK RENVILLE A 1980 FSL 1980 FEL 52 NE SE D DO 355
 102 SUNBEAM TRK 1 FEDERAL DARLING
 103 1783 KB 1771 GR LAKE DARLING
 104 1775 DF 1768 GR P LSE NO API 33-075- 00555-00
 105 SPUD 02/01/1975 COMP 03/08/1975 ROTARY OIL
 107 DTD 5461 FM/TO 352SHRD
 20102 352SHRD PERF JET W/ 2/FT 5366- 5393 GROSS 007
 40101 DST 01 5366- 5367 352SHRD S003
 40110 GAS TS IN 03M TSTM 5364
 40131 FINAL OP OH30M IFF 787 FFP 1293 BHT 154F
 50102 352SHRD PERF JET W/ 2/FT 5356- 5393 GROSS 005
 50141 BHP 1743
 50202 352SHRD PERF JET W/ 2/FT 5356- 5393 GROSS 006

37.5 °C / ft

33 N 158 W 85 8 10002 0485220610167177 0485215910167176
 10010 075 00625273 5200 7281061 110351MDSN 352BLLL 5545376
 10021 TWP N 158 RGE W 85 SEC 8 055TH PRINCIPAL
 101 NDAK RENVILLE A 1650 FSL 660 FEL 52 NE SE D DO 356
 102 KOCH EXPL 9-B BRYANS
 103 1815 GR MACKOBEE COULEE
 104 1827 DF 1819 GR P LSE NO API 33-075- 00625-00
 105 SPUD 10/15/1975 COMP 11/28/1975 ROTARY OIL
 107 DTD 5545 FM/TO 351MDSN
 20102 352BLLL OPENHOLE 5515- 5545 007
 40101 DST 01 5518- 5532 352BLLL 5525 S002
 40131 FINAL OP 2M OH IFF 79 FFP 159 BHT 156F
 40201 DST 02 5535- 5544 352BLLL 5540 003
 40231 FINAL OP OH15M BHT 159F
 40301 DST 03 5506- 5544 352BLLL 5525 MISRUN 004
 40331 FINAL OP OH15M BHT 156F
 40401 DST 04 5506- 5544 352BLLL 5525 S005
 40431 FINAL OP 2H30M IFF 108 FFP 163 BHT 159F

37.0 °C / ft

33 N 158 W 85 8 10002 0485263010167168 0485263110167182
 10010 075 00668273 52000 7281061 110352BLLL 352BLLL 5544577
 10021 TWP N 158 RGE W 85 SEC 8 066TH PRINCIPAL
 101 NDAK RENVILLE A 1980 FNL 760 FEL 42 SE RD DO 357
 102 KOCH EXPL 8-8 BRYAN
 103 1833 KB 1820 GR MACKOBEE COULEE
 104 1827 DF 1819 GR P LSE NO API 33-075- 00668-00
 105 SPUD 05/30/1976 COMP 07/12/1976 ROTARY OIL
 107 DTD 5544 PB 5535 FM/TO 352BLLL
 20102 352BLLL PERF W/ 4/FT 5522- 5530 005
 40101 DST 01 5512- 5528 352BLLL MISRUN 002
 40102 OVERLAPS 353MIDL
 40201 DST 02 STRD 5511- 5527 352BLLL S003

36.6 °C / ft
 37.5
 36.6
 37.6

N. CORP PAGE 782
 SUB FILE GEOTHERMAL LISTING

005
 002

003

046
 003

NE

00

B 12

06/08/78 PETROLEUM INFORMATION, CORP PAGE 769
 SUB FILE GEOTHERMAL LISTING

33 N 158 W 85 8 40202 OVERLAPS 353MIDL
 40231 FINAL OP 2H IFF 79 FFP 127 BHT 162F

33 N 158 W 85 9 10002 0485269510166422 0485273910166429
 10010 075 00561273 52000 7281060 911352SHRD 5588275
 10021 TWP N 158 RGE W 85 SEC 9 055TH PRINCIPAL
 101 NDAK RENVILLE A 1650 FNL 990 FNL NE SW NW D D
 102 KOCH EXPLORATION 5-9 BRYANT
 103 1823 KB 1812 GR MACKOBEE COULEE
 104 1827 DF 1819 GR P LSE NO API 33-075- 00561-00
 105 SPUD 12/02/1974 COMP 12/13/1974 ROTARY OIL
 107 DTD 5585 LTD 5588 FM/TO 352SHRD
 40101 DST 01 5492- 5518 352SHRD S003
 40131 FINAL OP 2H IFF 108 FFP 156 BHT 158F

SUB FILE GEOTHERMAL LISTING

8A-06
IDL
S002

S003

74545
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W0E

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82 00
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SO

004

006
007

83395
95J66
L
W0

45 00
8A-06
RNSU
S003

186907
02569
L
W0

188 00
8A-06
ICFM
S002

SC

SUB FILE GEOTHERMAL LISTING

85631
06066
L
W0

75 00
8A-06
ICFM
S003

8004

SUB FILE GEOTHERMAL LISTING

33 N 158 W 85 8 40202 OVERLAPS 353MIDL 5519
40231 FINAL OP 2H IFF 79 FFP 127 BHT 162F

38.6°C/km

33 N 158 W 85 9 10002 075 00561273 52000 0485269510166422 0485273910166429 5588875
10010 TWP N 158 RGE W 85 SEC 9 055TH PRINCIPAL
10021 NDAR RENVILLE A 1650 FNL 990 FWL NE SW NW D 358
101 KOCH EXPLORATION 5-9 BRYAN
102 1823 KB 1812 GR MACKOBEE COULEE
103 1827 DF 1819 GR P LSE NO API 33-075- 00561-00
104 SPUD 12/02/1974 COMP 12/13/1974 ROTARY D&A-0G
105 DTD 5585 LTD 5588 FM/TD 352SHRD
107 DST 01 5492- 5518 352SHRD 5505 S003
40131 FINAL OP 2H IFF 108 FFP 156 BHT 158F

37.4°C/km

33 N 158 W 85 10 10002 075 00524273 47700 0485297510162752 0485301010162714 5480072
10010 TWP N 158 RGE W 85 SEC 10 055TH PRINCIPAL
10021 NDAR RENVILLE A 660 FNL 660 FWL NE NE D DO 359
101 PRONGHORN PET 41-10 MARTIN HELSETH
102 1786 KB 1777 GR LAKE DARLING
103 API 33-075- 00524-00
104 SPUD 07/01/1972 COMP 08/05/1972 ROTARY OIL
105 DTD 5480 FM/TD 353MHL
107 20102 352SHRD PERF JET W/ 2/FT 5404- 5414 GROSS 005
40101 DST 01 5400- 5420 352SHRD S002
40110 OIL TS IN 13M AT 40 BOPH 5410
40131 50102 352SHRD PERF JET W/ 2/FT 5404- 5414 GROSS 004

39.4°C/km

33 N 158 W 85 11 10002 075 00617273 47700 0485297110161692 0485299210161638 5451075
10010 TWP N 158 RGE W 85 SEC 11 055TH PRINCIPAL
10021 NDAR RENVILLE A 660 FNL 1555 FWL NE NW D D 360
101 SUNBELT GAS 1 RAY VENDELL
102 1798 KB 1785 GR LAKE DARLING
103 1797 DF 1789 GR P LSE NO API 33-075- 00617-00
104 SPUD 09/23/1975 COMP 10/02/1975 ROTARY D&A-0G
105 DTD 5451 FM/TD 352SHRD
107 DST 01 5403- 5431 352SHRD 5417 S003
40131 FINAL OP 1H IFF 68 FFP 90 BHT 140F

33 N 158 W 85 14 10002 075 00477273 52000 0485046910161677 0485045210161654 5525069
10010 TWP N 158 RGE W 85 SEC 14 055TH PRINCIPAL
10021 NDAR RENVILLE A 660 FSL 1980 FWL C SE SW D W0 361
101 PRONGHORN PETROLEUM 24-14 LEE
102 1795 KB MACKOBEE COULEE
103 1796 DF 1788 GR P API 33-075- 00477-00
104 SPUD 09/25/1969 COMP 10/04/1969 ROTARY D&A
105 DTD 5525 FM/TD 352SHRD

SUB FILE GEOTHERMAL LISTING

33 N 158 W 85 14 40101 DST 01 5476- 5489 352SHRD 002
40131 FINAL OP 2H IFF 164 FFP 610 BHT 140F

33 N 158 W 85 16 10002 075 00473273 52000 0485142510165338 0485061910165367 5593969
10010 TWP N 158 RGE W 85 SEC 16 055TH PRINCIPAL
10021 NDAR RENVILLE A 1090 FNL 1650 FWL SE NW NE D D
101 CARDINAL PETROLEUM 2 BRYANS ETAL
102 1815 KB 1806 GR MACKOBEE COULEE
103 1817 DF 1809 GR P API 33-075- 00473-00
104 SPUD 08/01/1969 COMP 08/14/1969 ROTARY D&A-0G
105 DTD 5592 LTD 5593 FM/TD 351MDSN
40101 DST 01 5480- 5506 351MDSN S002

75 00
8A-06
ICFM
S003

8004

331
166
IF
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103
104
141
67
IF
00
102
256
174
IF
00
102
103
104
392
370
00
06

33 N 158 W 85 14 40101 DST 01 5476- 5489 352SHPD 002
40131 FINAL OP 2H IFF 164 FFP 610 BHT 140F
33 N 158 W 85 16 10002 0485142510165738 0485061910165367
10010 075 00473273 52000 1310060 911351MDSN 5593969
10021 TWP N 158 RGE W 85 SEC 16 055TH PRINCIPAL
101 NDAR RENVILLE A 1090 FNL 1650 FEL C NE NW D 362
102 CARDINAL PETROLEUM 2 BRYANS ETAL
103 1815 KB 1806 GR MACKOBBEE COULEE
104 1817 DF 1809 GR P API 33-075- 00473 00
105 SPUD 08/01/1969 COMP 08/14/1969 ROTARY D&A-OG
107 OTO 5592 LTO 5593 FM/TO 351MDSN
40101 DST 01 5480- 5506 351MDSN 5493 S002
40131 FINAL OP 3H IFF 86 FFP 188 BHT 155F STR BLOW
40201 DST 02 5501- 5516 351MDSN 5508 S003
40231 FINAL OP 2H IFF 86 FFP 75 BHT 155F STR BLOW
40301 DST 03 5513- 5528 351MDSN 5521 S004
40331 FINAL OP 2H IFF 348 FFP 2133 BHT 156F STR BLOW

36.5 °C/hm
36.4
36.6

33 N 158 W 85 17 10002 0485149910167333 0485152510167216
10010 075 00608273 52000 7281061 1103528LLL 352MSNC 5523077
10021 TWP N 158 RGE W 85 SEC 17 066TH PRINCIPAL
101 NDAR RENVILLE A 660 FNL 660 FEL C NE NW D 363
102 KOCH EXPLORATION 1-17 BRYANS
103 1820 KB 1807 GR MACKOBBEE COULEE
104 1817 DF 1809 P API 33 075 00608 00
105 SPUD 05/03/1976 COMP 11/17/1976 ROTARY OIL
107 OTO 5523 FM/TO 3528LLL
20102 352MSNC OPENHOLE 5495- 5523 005
40101 DST 01 5492- 5513 3528LLL S002
40102 OVERLAPS 351STTA
40131 FINAL OP 1H IFF 64 FFP 73 BHT 148F
40201 DST 02 5514- 5523 3528LLL 5518 S003
40210 GAS TS IN 0H30M 75 FT FLARE/
40231 FINAL OP 1H IFF 111 FFP 177 BHT 156F

36.7 °C/hm

33 N 158 W 85 17 10002 0485084110167315 0485081410167045
10010 075 00643273 52000 7281061 1103528LLL 3528LLL 5550577
10021 TWP N 158 RGE W 85 SEC 17 055TH PRINCIPAL
101 NDAR RENVILLE A 1980 FSL 750 FEL E 2 NE NW D 364
102 KOCH EXPL 9-17 BRYANS
103 1833 KB 1820 GR MACKOBBEE COULEE
104 1829 DF 1821 P API 33 075 00643 00
105 SPUD 01/10/1976 COMP 02/20/1976 ROTARY OIL
107 OTO 5550 FM/TO 3528LLL
20102 3528LLL OPENHOLE 5516- 5550 005
40101 DST 01 5518- 5538 3528LLL 5528 S002
40102 OVERLAPS 351STTA
40131 FINAL OP 2H IFF 79 FFP 79 BHT 156F
40201 DST 02 5533- 5550 3528LLL S003
40210 GAS TS IN 9M /NO GAUGE/

36.6 °C/hm

02
23
69
0
00
03
02
04
33
72

33 N 158 W 85 17 40211 GAS TS IN 10M AT 27 MCFD
40212 GAS TS IN 1H TSTM
40231 FINAL OP 2H IFF 286 FFP 1047 BH. 154F
33 N 158 W 85 17 10002 0485141210168422 0485143710168264
10010 075 00656273 52000 7281060 911359MSSP 5600077
10021 TWP N 158 RGE W 85 SEC 17 055TH PRINCIPAL
101 NDAR RENVILLE A 990 FNL 1980 FNL NE NW D
102 KOCH EXPL 3-17 BRYANS
103 1823 KB 1810 GR MACKOBBEE COULEE
104 1829 DF 1821 P API 33 075 00656 00
105 SPUD 03/06/1976 COMP 03/16/1976 ROTARY D&A-OG
107 OTO 5600 FM/TO 359MSSP
40101 DST 01 5547- 5569 3528LLL S002
40131 FINAL OP 2H IFF 323 FFP 728 BHT 158F

27 N 158 W 85 22 10002 0485011810164393 0485009410164400
10010 075 00444273 52000 9999960 910352SHPD 5589868
10021 TWP N 158 RGE W 85 SEC 22 055TH PRINCIPAL
101 NDAR RENVILLE A 660 FNL 660 FNL C NW NW D
102 NDAR RENVILLE A

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33 N 158 W 85 17 40211 GAS TS IN 10M AT 27 MCFD 5542
 40212 GAS TS IN 1H TSTM
 40231 FINAL OP 2H IFP 286 FFP 1047 BHT 154F

33 N 158 W 85 17 10002 0485141210168422 0485143710168264
 10010 075 00656273 52000 7281060 911359MSSP 5600077
 10021 TWP N 158 RGE W 85 SEC 17 055TH PRINCIPAL
 101 NDAK RENVILLE A 990 FNL 1980 FNL NE NW D 365
 102 KOCH EXPL 3-17 BRYANS
 103 1823 KB 1810 GR MACKOBBEE COULEE
 104 API 33-075-00656-00
 105 SPUD 03/06/1976 COMP 03/16/1976 ROTARY D&A-OG
 107 DTD 5600 FM/TO 359MSSP
 40101 DST 01 5547- 5569 352BLLL 5558 5002
 40131 FINAL OP 2H IFP 323 FFP 728 BHT 158F

33 N 158 W 85 22 10002 0485011810164393 0485009410164400
 10010 075 00444273 52000 9999960 910352SHRD 5589868
 10021 TWP N 158 RGE W 85 SEC 22 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 660 FNL C NW NW D 366
 102 NORTHWESTERN ETAL 1 ANNIE PETERSON
 103 1819 KB 1807 GR MACKOBBEE COULEE
 104 1819 DF 1809 GR P API 33-075-00444-00
 105 SPUD 07/23/1968 COMP 08/02/1968 ROTARY D&A-0
 107 DTD 5585 LTD 5589 FM/TO 352SHRD
 40101 DST 01 5520- 5537 352MSNC MISRUH 002
 40201 DST 1A 5518- 5540 352MSNC 5527 5003
 40231 FINAL OP 1H45M IFP 122 FFP 211 BHT 151F

33 N 158 W 85 35 10002 0484716010160600 0484711010160542
 10010 075 00556273 6665050 900353MHL 5565074
 10021 TWP N 158 RGE W 85 SEC 35 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 660 FNL C NE NW WF 367
 102 PETROLEUM INC 1 LITTLEBAS
 103 1793 ES 1781 GR WILDCAT
 104 1789 DF 1781 GR P LSE NO API 33-075-00556-00
 105 SPUD 10/11/1974 COMP 10/24/1974 ROTARY D&A
 107 DTD 5565 FM/TO 353MHL
 40101 DST 01 STRD 5355- 5385 351STTA 002
 40131 FINAL OP 1H IFP 92 FFP 242 BHT 132F

33 N 158 W 86 15 10002 0485043110176337 0485048310176383
 10010 075 00517273 3125050 911353MHL 5930K72
 10021 TWP N 158 RGE W 86 SEC 15 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FSL 1980 FSL C SW SE WF 368
 102 GREAT WESTERN ORLG 1 KENNETH G JOHNSON
 103 1895 KB 1883 GR WILDCAT
 104 1891 DF 1884 GR P LSE NO API 33-075-00517-00
 105 SPUD 01/21/1972 COMP 02/04/1972 ROTARY D&A-OG
 107 DTD 5930 FM/TO 353MHL
 40101 DST 01 5812- 5832 352BLLL 5003

35.8 °C / ft

37.0 °C / ft

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33 N 158 W 86 15 40110 GAS TS IN 30M
 40131 FINAL OP 1H IFP 621 FFP 2647 BHT 174F

33 N 158 W 86 28 10002 0484759810179779 0484766310179699
 10010 075 00369273 150050 911351MDSN 5960866
 10021 TWP N 158 RGE W 86 SEC 28 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FSL 660 FSL SW SW WF WF
 102 ANSCHUTZ CORP 1 PATTERSON
 103 1729 KB 1722 GR WILDCAT
 104 1727 DF 1722 GR P API 33-075-00369-00
 105 SPUD 08/02/1966 COMP 08/18/1966 ROTARY D&A-OG
 107 DTD 5960 FM/TO 351MDSN
 40101 DST 01 5750- 5775 351STTA 5002
 40110 GAS TS IN 39M BURNED W/5-6 FT FLARE
 40131 FINAL OP 1H05M IFP 143.6 FFP 212.8 BHT 132F
 40201 DST 02 5774- 5825 351MDSN 5004
 40231 FINAL OP 2H IFP 133 FFP 319 BHT 142F

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06/08/78

PETROLEUM INFORMATION CORP

PAGE 772

SUB FILE GEOTHERMAL LISTING

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33 N 158 W 86 15 40110 GAS TS IN 39M
40131 FINAL OP 1H IFF 621 FFP 2647 BHT 174F

40.4 °C / hr

33 N 158 W 86 28 10002 0484759810179779 0484766310179699
10010 075 00369273 150050 911351MDSN 5960866
10021 TWP N 158 RGE W 86 SEC 28 055TH PRINCIPAL
101 NDAA RENVILLE A 660 FSL 660 FHL SW SW WF WF 369
102 ANSCHUTZ CORP 1 PATTERSON
103 1729 KB 1722 GR WILDCAT
104 1727 DF 1722 GR P API 33-075- 00369 00
105 SPUD 08/02/1966 COMP 08/18/1966 ROTARY D&A-OG
107 DTD 5960 FM/TD 351MDSN
40101 DST 01 5750- 5775 751STTA S002
40110 GAS TS IN 39M BURNED W/5-6 FT FLARE
40131 FINAL OP 1H05M IFF143.6 FFP212.8 BHT 132F
40201 DST 02 5774- 5825 351MDSN S004
40231 FINAL OP 2H IFF 133 FFP 319 BHT 142F

33 N 158 W 94 7 10002 0485237310287589 0485239010287546
10010 061 00191273 81070 110561 110351MDSN 351MDSN 8290574
10021 TWP N 158 RGE W 94 SEC 7 055TH PRINCIPAL
101 NDAA MUNKRILL A 2145 FSL 2475 FHL NE NE SW DO 370
102 AMERADA-HESS L 146 X TIOGA-HADTSON UNIT
103 2355 GR TIOGA
104 2362 DF 2352 GR P LSE NO API 33-061- 00191-00
105 SPUD 12/10/1973 COMP 03/26/1974 ROTARY OIL
107 DTD 8290 FM/TD 351MDSN
20102 351MDSN PERF W/ 2/ET 8123- 8170 007
40101 DST 01 7950- 8020 002
40131 FINAL OP 2H IFF 74 FFP 87 BHT 188F
40201 DST 02 STRD 8060- 8107 S004
40231 FINAL OP 2H IFF 304 FFP 497 BHT 192F
40301 DST 03 8215- 8290 S005
40331 FINAL OP 2H IFF 149 FFP 274 BHT 192F

33 N 158 W 95 6 10002 0485408210300924 0485409710300765
10010 105 00684273 56000 110540 911203RDRV 12829869
10021 TWP N 158 RGE W 95 SEC 6 055TH PRINCIPAL
101 NDAA WILLIAMS A 1950 FNL 1704 FHL NW SE NW WP WP 371
102 AMERADA PETROLEUM 1 EUGENE MCGINNITY
103 2399 KB 2384 GR HCGREGOR
104 2394 ES 2384 GR P API 33-105- 00684 00
105 SPUD 05/01/1969 COMP 07/18/1969 ROTARY D&A-OG
107 DTD 12819 LTD 12829 FM/TD 203RDRV
40101 DST 01 10020-10081 306DPRW CUSH 908 WTR S002
40131 FINAL OP 1H10M IFF 676 FFP 951 BHT 235F
40201 DST 02 10178-10188 306DPRW CUSH 1030 WTR S003
40210 GAS TS IN 1H AT 15.132 MCFD REMAINED STRONG
40231 FINAL OP 2H IFF 972 FFP 1884 BHT 258F 10183
40301 DST 03 10196-10238 306DPRW S004
40331 FINAL OP 1H10M IFF 613 FFP 711 BHT 236F

38.1 °C / hr

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06/08/78

PETROLEUM INFORMATION CORP

PAGE 773

SUB FILE GEOTHERMAL LISTING

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33 N 158 W 95 6 40401 DST 04 11348-11387 302ASRN CUSH 2247 MISRUN 005
40402 OVERLAPS 259SLRN
40501 DST 4A 11334-11387 302ASRN CUSH 2247 WTR 006
40502 OVERLAPS 259SLRN
40531 FINAL OP 1H10M IFF 1084 FFP 1097
40601 DST 05 11330-11450 259SLRN CUSH 2316 WTR S007
40631 FINAL OP 0H30M IFF 1134 FFP 1147
40701 DST 06 12560-12596 203RDRV WTR S008
40801 DST 07 12630-12678 203RDRV MISRUN 009
40901 DST 7A 12608-12679 203RDRV WTR S010
40931 FINAL OP 1H10M IFF 1689 FFP 1750 BHT 272F
41001 DST 08 12610-12730 203RDRV WTR S011
41031 FINAL OP 1H10M IFF 1689 FFP 1750 BHT 272F

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33 N 158 W 95 6 40401 DST 04 1134E-11387 302ASRN CUSH 2247 MISRUN 005
40402 OVERLAPS 259SLRN
40501 DST 4A 11334-11387 302ASRN CUSH 2247 WTR 006
40502 OVERLAPS 259SLRN
40531 FINAL OP 1H10M IFF 1084 FFP 1097
40601 DST 05 11330-11450 259SLRN CUSH 2316 WTR S007
40631 FINAL OP 0H30M IFF 1134 FFP 1147
40701 DST 06 12560-12596 203RDRV WTR S008
40801 DST 07 12630-12678 203RDRV MISRUN 009
40901 DST 7A 12608-12678 203RDRV WTR S010
40931 FINAL OP 1H10M IFF 1689 FFP 1750 BHT 272F
41001 DST 08 12610-12730 203RDRV WTR S011
41031 FINAL OP 1H IFF 1715 FFP 1817 BHT 206F
33 N 158 W 95 21 10002 0484993410295984 0484997910295806
10010 105 00745273 56000 110561 1103060PRW 3060PRW 10467K76
10021 TWP N 158 RGE W 95 SEC 21 055TH PRINCIPAL
101 NOK WILLIAMS A 760 FNL 1980 FEL S2 NW MD 00 372
102 AMERADA-HESS CORP 1 NDC-A-DEEP UNIT 1
103 2513 KB 2497 GR MCGREGOR
104 API 33 105 00745 00
105 SPUD 07/20/1976 COMP 09/30/1976 ROTARY 011
107 DTD 10467 LTD FM/TO 3060PRW
20102 3060PRW PERF W/ 2/FT 10254-10334 GROSS 012
40101 DST 01 8267- 8303 353LSSL S002
40131 FINAL OP 1H30M IFF 68 FFP 83 BHT 197F
40201 DST 02 10136-10150 3060PRW S003
40231 FINAL OP 45M IFF 912 FFP 944
40301 DST 03 10310-10355 3060PRW S004
40331 FINAL OP 1H IFF 1591 FFP 1600
50102 3060PRW PERF W/ 2/FT 10254-10334 GROSS 006
50202 3060PRW PERF W/ 2/FT 10254-10290 GROSS 007
50302 3060PRW PERF W/ 2/FT 10254-10290 GROSS 008
50402 3060PRW PERF W/ 2/FT 10254-10290 GROSS 009
50502 3060PRW PERF W/ 2/FT 10254-10290 GROSS 010
50602 3060PRW PERF W/ 2/FT 10254-10290 GROSS 011

33 N 158 W 95 24 10002 0484937210290514 0484938810290392
10010 105 00677273 81070 110560 911203RDRV 13145169
10021 TWP N 158 RGE W 95 SEC 24 055TH PRINCIPAL
101 NOK WILLIAMS A 2020 FSL 620 FNL NW NW SW MD 0 373
102 AMERADA-PETROLEUM 1 TUES-SKARR UNIT
103 2457 KB 2443 GR TIOGA
104 2455 DF 2443 GR P API 33-105- 00677 00
105 SPUD 08/29/1968 COMP 11/17/1968 ROTARY 08A-06
107 DTD 13142 LTD 13145 FM/TO 203RDRV
40101 DST 01 10105-10140 3060PRW CUSH 1035 WTR S002
40131 FINAL OP 2H IFF 1244 FFP 2775 BHT 240F 10123
40201 DST 02 10300-10340 3060PRW CUSH 1223 WTR S003
40231 FINAL OP 2H IFF 1347 FFP 2980 BHT 242F 10320
40301 DST 03 11555-11588 302ASRN CUSH 2491 WTR S010

35.1°C/ft

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33 N 158 W 95 24 40302 OVERLAPS 259SLRN
40331 FINAL OP 2H IFF 1592 FFP 2801 BHT 254F
40401 DST 04 12834-12863 203RDRV CUSH 3761 WTR 011
40431 FINAL OP 1H IFF 1757 FFP 1799 BHT 248F
40501 DST 05 12920-13011 203RDRV MISRUN 012
40601 DST 5A 12834-13011 203RDRV MISRUN 013
40701 DST 5B 12927-13011 203RDRV MISRUN 014
40801 DST 5C 12896-13011 203RDRV CUSH 3828 WTR 015
40831 FINAL OP 1H IFF 2064 FFP 2395 BHT 268F
33 N 158 W 95 25 10002 0484776410290544 0484781210290415
10010 105 00670273 81070 110534 120203RDRV 203RDRV 13016248
10021 TWP N 158 RGE W 95 SEC 25 055TH PRINCIPAL
101 NOK WILLIAMS A 1500 FSL 600 FNL SW NW SW MD WOE

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 158 W 95 24 40302 OVERLAPS 259SLRN 10372
40331 FINAL OP 2H IFF 1992 FFP 2801 BHT 254F 36.7°C/Ann
40401 DST 04 12834-12863 203RDRV CUSH 3761 WTR 011
40431 FINAL OP 1H IFF 1757 FFP 1799 BHT 248F
40501 DST 05 12920-13011 203RDRV MISRUN 012
40601 DST 5A 12834-13011 203RDRV MISRUN 013
40701 DST 5B 12827-13011 203RDRV MISRUN 014
40801 DST 5C 12896-13011 203RDRV CUSH 3828 WTR 015
40831 FINAL OP 1H IFF 2064 FFP 2395 BHT 268F

33 N 158 W 95 25 10002 0484776410290544 0484781210290415
10010 105 00670273 81070 110534 120203RDRV 203RDRV 13018868
10021 TWP N 158 RGE W 95 SEC 25 055TH PRINCIPAL
101 NDARC WILLIAMS A 1500 FSL 600 FWL SW NW SW DO 374
102 AMERADA PETROLEUM 1 LIVES-STENBAR UNIT
103 2490 DF 2480 GR T10GR
104 2490 ES 2480 GR P APT 33-105- 00670 00
105 SPUD 02/07/1968 COMP 05/27/1968 ROTARY 2 OIL
107 DTD 13018 PB 12876 FM/TO 203RDRV
20102 203RDRV PERF JET W/ 1/FT 12707-12850 GROSS 021
20202 259SLRN PERF JET W/ 1/FT 11426-11482 022
40101 DST 01 12333-12396 259SLRN CUSH 3326 WTR 006
40131 FINAL OP 015H IFF 1541 FFP 1541 BHT 240F
50102 203RDRV PERF JET W/ 1/FT 12707-12850 GROSS 012
50202 259SLRN PERF JET W/ 1/FT 11426-11482 013
50302 203RDRV PERF JET W/ 1/FT 12707-12850 GROSS 014
50402 259SLRN PERF JET W/ 1/FT 11426-11482 015
50502 203RDRV PERF JET W/ 1/FT 12707-12850 GROSS 016
50602 259SLRN PERF JET W/ 1/FT 11426-11482 017
50702 203RDRV PERF JET W/ 1/FT 12707-12850 GROSS 018
50802 259SLRN PERF JET W/ 1/FT 11426-11482 019
50902 203RDRV PERF JET W/ 1/FT 12707-12850 GROSS 020

33 N 158 W 95 26 10002 0484828310291274 0484831410291161
10010 105 00673273 81070 110564 120203RDRV 259SLRN 13070K68
10021 TWP N 158 RGE W 95 SEC 26 055TH PRINCIPAL
101 NDARC WILLIAMS A 1950 FSL 1250 FWL SW SE NE DO 375
102 AMERADA PETROLEUM 1 LIVES-UNIT
103 2496 KB 2481 GR T10GR
104 2494 DF 2481 GR P APT 33-105- 00673 00
105 SPUD 05/03/1968 COMP 08/16/1968 ROTARY 2 OIL
107 DTD 13070 FM/TO 203RDRV
20102 259SLRN PERF W/ 2/FT 11500-11516 009
20202 203RDRV PERF W/ 2/FT 12888-12924 GROSS 010
40101 DST 01 10226-10305 306DPRV CUSH 1258 REVOUTS002
40110 GAS TS IN 35M AT 32 MCFD
40131 FINAL OP 2H IFF 943 FFP 570 BHT 235F
40201 DST 02 11476-11510 259SLRN CUSH 2472 REVOUTS003
40210 GAS TS IN 1H10M
40211 CUSH TS IN 1H45M WTR
40212 OIL TS IN 2H10M

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 158 W 95 26 40231 FINAL OP 2H40M IFF 40 FFP 3641 BHT 250F
40301 DST 03 12528-12548 203GNTN CUSH 3549 REVOUTS004
40310 GAS TS IN 50M
40331 FINAL OP 1H IFF 1703 FFP 1892 BHT 242F
40401 DST 04 12768-12920 203RDRV CUSH 3730 REVOUTS005
40431 30M IFF 2553 FFP 2495 BHT 261F
50102 203RDRV PERF W/ 2/FT 12888-12924 GROSS 007
50202 259SLRN PERF W/ 2/FT 11500-11516 008

33 N 158 W 95 28 10002 0484774110296790 0484783810296637
10010 105 00668273 56000 9999961 11035310L 354RCLF 18403168
10021 TWP N 158 RGE W 95 SEC 28 055TH PRINCIPAL
101 NDARC WILLIAMS A 1320 FSL 1320 FWL C SW D DO
102 COLLECTOR UNIT 1320 FSL 1320 FWL C SW D DO

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 775

SUB FILE GEOTHERMAL LISTING

33 N 158 W 95 26 40231 FINAL OP 2H40M IFP 40 FFP 3641 BMT 250F
 40301 DST 03 12528-12548 203GNTN CUSH 3449 REVOUTS004
 40310 GAS TS IN 50M
 40331 FINAL OP 1H IFP 1703 FF 1892 BMT 242F
 40401 DST 04 12768-12920 203 DRV CUSH 3730 REVOUTS005
 40431 30M IFP 2553 FF 3495 BMT 261F
 50102 203DRV PERF W/ 2/FT 12888-12924 GROSS 007
 50202 259SLRN PERF W/ 2/FT 11500-11516 008

33 N 158 W 95 28 10002 0484774110296790 0484783810296637
 10010 105 00668273 56000 9999961 110353MIDL 354RCLF 8403168
 10021 TWP N 158 RGE W 95 SEC 28 055TH PRINCIPAL
 101 NDAK WILLIAMS A 1320 FSL 1320 FWL C SW D DO 376
 102 CALVERT DRILLING & PROD 1 HAARSEN
 103 2416 KB 2405 GR MCGREGOR
 104 2415 ES 2407 GR P API 33-105-00668 00
 105 SPUD 10/13/1967 COMP 12/18/1967 ROTARY OIL
 107 DTD 8403 LTD 8400 FM/TD 353MIDL
 20102 354RCLF PERF JET W/ 3/FT 8237- 8258 007
 40101 DST 01 8219- 3266 351MDSN CUSH 1000 WTR S002
 40131 FINAL OP 4H IFP 418 FFP 660 BMT 21CF 8242
 40201 DST 02 8336- 8362 351MDSN CUSH 1000 WTR S003
 40231 FINAL OP 4H IFP 472 FFP 673
 50102 351MDSN PERF JET W/ 2/FT 8355- 8359
 50103 351MDSN PERF JET W/ 2/FT 8357- 8361 005
 50202 354RCLF PERF JET W/ 3/FT 8237- 8258 006

36.5°C/hm

33 N 158 W 95 29 10002 0484843910298070 0484851410297902
 10010 105 00663273 56000 1299060 911351LDGP 9270966
 10021 TWP N 158 RGE W 95 SEC 29 055TH PRINCIPAL
 101 NDAK WILLIAMS A 1320 FSL 1390 FEL C SW D DO 377
 102 CALVERT DRILLING & PROD 1 EIDE UNIT
 103 2385 KB 2374 GR MCGREGOR
 104 2384 DF 2374 GR P API 33-105-00663 00
 105 SPUD 08/14/1966 COMP 09/13/1966 ROTARY D&A-06
 107 DTD 9270 LTD 9270 FM/TD 351LDGP
 40101 DST 01 8220- 8251 354RCLF 8236 S002
 40131 FINAL OP 3H IFP 89 FFP 133 BMT 205F
 40201 DST 02 9232- 9260 351LDGP S003
 40231 FINAL OP 3H IFP 44 FFP 66

35.4°C/hm

33 N 158 W 103 6 10002 0485350210404394 0485338910404488
 10010 105 00695273 29000 5650061 110354RCLF 354RCLF 7885771
 10021 TWP N 158 RGE W 103 SEC 6 055TH PRINCIPAL
 101 NDAK WILLIAMS A NE SW SW D DO 378
 102 MONSANTO CO 1 BARBARSON
 103 2035 KB 2023 GR GRENORA
 104 2029 DF 2019 GR P API 33-105-00695 00
 105 SPUD 05/17/1971 COMP 07/10/1971 ROTARY OIL
 107 DTD 7885 LTD 7881 FM/TD 354RCLF
 20102 354RCLF PERF W/ 2/FT 7870- 7875 006

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PETROLEUM INFORMATION, CORP

PAGE 776

SUB FILE GEOTHERMAL LISTING

33 N 158 W 103 6 40101 DST 01 7856- 7885 354RCLF S002
 40131 FINAL OP 2H IFP 696 FFP 1534 BMT 194F
 50102 354RCLF PERF W/ 2/FT 7870- 7875 004
 50202 354RCLF PERF W/ 2/FT 7870- 7875 005

33 N 159 W 82 9 10002 0486055110126412 0486024210126297
 10010 009 01174273 9277050 900352GLBR 4520075
 10021 TWP N 159 RGE W 82 SEC 9 055TH PRINCIPAL
 101 NDAK BTTNEAU A 660 FSL 1980 FEL C SW SE WF
 102 WAINOCO INC 34-9 JOHNSON
 103 1980-VA 1980 GR UNIT 1980

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33 N 158 W 103 6 40101 DST 01 7856- 7885 354RCLF 7870 5002
40131 FINAL OP 2H IFF 696 FFP 1534 BHT 194F
50102 354RCLF PERF W/ 2/FT 7870- 7875 004
50202 354RCLF PERF W/ 2/FT 7870- 7875 005
33 N 159 W 82 9 10002 0486055110126412 0486024210126297
10010 009 01174273 9277050 900352GLBR 4520075
10021 TWP N 159 RGE W 82 SEC 9 055TH PRINCIPAL
101 NDAK BITTNEAU A 660 FSL 1980 FEL C SW SE WF 379
102 WAINOCE PNL 34-9 JOHNSON
103 1550 KB 1540 GR WILDCAT
104 API 33 009 01174 00
105 SPUD 09/25/1975 COMP 10/05/1975 ROTARY D&A
107 DTD 4520 FM/TD 352GLBR
40101 DST 01 4454- 4470 352GLBR 4462 002
40131 FINAL OP 1H IFF 167 FFP 392 BHT 130F
33 N 159 W 82 12 10002 0486158310120339 0486163910120345
10010 009 00910273 110550 910351LDGP 4728065
10021 TWP N 159 RGE W 82 SEC 12 055TH PRINCIPAL
101 NDAK BITTNEAU A 660 FNL 1980 FNL NE NW WF 380
102 AMERADA-PETROLEUM 1 WILLIS BETZ
103 1538 KB 1529 GR WILDCAT
104 1536 OF 1529 GR P API 33-009- 00910 00
105 SPUD 09/20/1965 COMP 09/30/1965 ROTARY D&A-O
107 DTD 4728 FM/TD 351LDGP
40101 DST 01 4370- 4408 351MDSN 4389 S002
40131 FINAL OP 1H30M IFF 268 FFP 1520 BHT 132F
33 N 159 W 82 32 10002 0485588710129229 0485561110129240
10010 009 01169273 9999950 900259SLRN 7201075
10021 TWP N 159 RGE W 82 SEC 32 055TH PRINCIPAL
101 NDAK BITTNEAU A 660 FNL 1820 FNL W2 NE NW WF 381
102 KIRBY EXPL 1 BROOKS
103 1587 KB 1577 GR WILDCAT
104 1586 OF 1578 GR P LSE NO API 33-009- 01169-00
105 SPUD 08/23/1975 COMP 09/23/1975 ROTARY D&A
107 DTD 7200 LTD 7201 FM/TD 259SLRN
40131 FINAL OP BHT 144F
33 N 159 W 82 35 10002 0485508610122518 0485514210122570
10010 009 01111273 30000 9999960 910352GLBR 4595873
10021 TWP N 159 RGE W 82 SEC 35 055TH PRINCIPAL
101 NDAK BITTNEAU A 1980 FSL 1980 FNL C NE SW D 382
102 WILHITE J & STAR DRLG 2 CATHERINE TALONE
103 1573 KB 1563 GR GLENBURN
104 1573 OF 1564 GR P LSE NO API 33-009- 01111-00
105 SPUD 07/10/1973 COMP 07/19/1973 ROTARY D&A-O
107 DTD 4595 FM/TD 352GLBR
40101 DST 01 4538- 4568 351STTA S002
40102 OVERLAPS 352GLBR

36.1 °C/km

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33 N 159 W 82 35 40131 FINAL OP 1H IFF 35 FFP 91 BHT 130F
40201 DST 02 4570- 4595 352GLBR 003
40231 FINAL OP 1H IFF 138 FFP 370 BHT 130F
33 N 159 W 84 5 10002 0486204910154128 0486205510154012
10010 075 00340273 12100 8971011 110351MDSN 3525HRD 5025966
10021 TWP N 159 RGE W 84 SEC 5 055TH PRINCIPAL
101 NDAK PENVILLE A 660 FSL 660 FEL SE SE W0 W0E
102 TIGER OIL 1 VANDSEL
103 1699 KB 1690 GR CHOLA
104 1696 ES 1690 GR P LSE NO 1675 API 33-075- 00340 00
105 SPUD 01/15/1966 COMP 04/11/1966 ROTARY OIL
107 DTD 5025 LTD 5023 FM/TD 351MDSN
20102 3525HRD PERF W/ 4/FT 4592- 4923 GROSS 007
40101 DST 01 4888- 4974 751MDSN S003

06/08/78

PETROLEUM INFORMATION CORP

PAGE 777

SUB FILE GEOTHERMAL LISTING

33 N 159 W 82 35 40131 FINAL OP 1H IFF 35 FFP 91 BHT 130F
40201 DST 02 4570-4595 352GLBR 003
40231 FINAL OP 1H IFF 138 FFP 370 BHT 130F

33 N 159 W 84 5 10002 0486204910154128 0486205510154012
10010 075 00340273 12100 8971011 110351MDSN 352SHRD 5025966
10021 TWP N 159 RGE W 84 SEC 5 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FSL 660 FEL SE SE 40 WOE 383
102 TIGER OIL 1 VENDOR
103 1699 KB 1690 GR CHOLA
104 1696 ES 1690 GR P LSE NO 1675 API 33-075-00340 DO
105 SPUD 01/15/1966 COMP 04/11/1966 ROTARY OIL
107 DTD 5025 LTD 5023 FM/TO 351MDSN
20102 352SHRD PERF W/ 4/FT 4892-4923 GROSS 007
40101 DST 01 4888-4934 351MDSN 5003
40110 GAS TS IN 20M 4911
40131 FINAL OP 3H IFF 449 FFP 1486 BHT 140F
50102 352SHRD PERF W/ 4/FT 4892-4916 005
50202 352SHRD PERF W/ 4/FT 4916-4923 006

35.2 °C / ft

33 N 159 W 84 32 10002 0485551310155675 0485545210155652
10010 075 00509273 8560550 900352MSNC 5300971
10021 TWP N 159 RGE W 84 SEC 32 055TH PRINCIPAL
101 NDAK RENVILLE A 2080 FNL 659 FNL W2 SW NW WF 384
102 SUPERIOR OIL 1 BERRY
103 1717 KB 1707 GR WILDCAT
104 1716 DF 1708 GR P API 33-075-00509 DO
105 SPUD 08/17/1971 COMP 08/30/1971 ROTARY D&A
107 DTD 5300 FM/TO 352MSNC
40101 DST 01 5136-5185 353MIDL 003
40131 FINAL OP 0445M IFF 165 FFP 203 BHT 140F

33 N 159 W 85 17 10002 0486024310168761 0486026510168687
10010 075 00357273 1310050 910351MDSN 5575566
10021 TWP N 159 RGE W 85 SEC 17 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 660 FNL NW NW WF 385
102 CAROTNA PET-BAKER REX 11-17 SCHEIDT
103 1806 KB 1796 GR WILDCAT
104 1806 DF 1795 GR P API 33-075-00357 DO
105 SPUD 04/12/1966 COMP 04/24/1966 ROTARY D&A
107 DTD 5575 LTD 5565 FM/TO 351MDSN
40101 DST 01 5413-5471 352SHRD 003
40131 FINAL OP 2H IFF 44 FFP 286 BHT 145F

33 N 159 W 85 22 10002 0485805810163347 0485802810163282
10010 075 00560273 47700 9277061 110351MDSN 352SHRD 5430475
10021 TWP N 159 RGE W 85 SEC 22 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FSL 1980 FEL NW SE DO 386
102 WAINOCO INC 1 SUSAN ANDERSON
103 1765 GR LAKE DARLING
104 1778 DF 1770 GR P LSE NO API 33-075-00560-00

06/08/78

PETROLEUM INFORMATION CORP

PAGE 778

SUB FILE GEOTHERMAL LISTING

33 N 159 W 85 22 105 SPUD 12/26/1974 COMP 03/10/1975 ROTARY OIL
107 DTD 5430 PB 5370 FM/TO 351MDSN
20102 352SHRD PERF W/ 2/FT 5292-5324 GROSS 005
40101 DST 01 5276-5310 352SHRD 5002
40131 FINAL OP 04 IFF 518 FFP 892 BHT 159F
40201 DST 02 STPD 5308-5325 352SHRD 5003
40231 FINAL OP 1H IFF 294 FFP 349 BHT 159F

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33 N 159 W 85 22 105 SPUD 12/26/1974 COMP 03/10/1975 ROTARY OIL
107 DTU 5430 PB 5370 FM/TO 351MDSN
20102 352SHRD PERF W/ 2/FT 5292- 5324 GROSS 005
40101 DST 01 5276- 5310 352SHRD 5293 S002
40131 FINAL OP 0H IFF 518 FFP 892 BHT 159F
40201 DST 02 STRD 5308- 5325 352SHRD 5316 S003
40231 FINAL OP 1H IFF 294 FFP 349 BHT 159F

39.2°C/ft
39.1°C/ft

33 N 159 W 85 22 10002 0485846110163911 0485840210163839
10010 075 00576273 47700 9277060 911353MHL 5400476
10021 TWP N 159 RGE W 85 SEC 22 066TH PRINCIPAL
101 NOKA RENVILLE A 1980 FNL 1980 FNL C SE NW D 387
102 WAINOCO INC 1 SERENA ELLBERG
103 1782 KB 1773 GR LAKE DARLING
104 1786 DF 1780 GR P LSE NO API 33-075- 00576-00
105 SPUD 08/25/1975 COMP 03/10/1976 ROTARY D&R-06
107 DTU 5400 LTD 5400 FM/TO 353MHL
40101 DST 01 5302- 5346 352SHRD 5324 S003
40131 FINAL OP 1H IFF 227 FFP 228 BHT 155F
50102 352SHRD PERF W/ 2/FT 5316- 5330 005

37.6°C/ft

33 N 159 W 85 31 10002 0485516410169290 0485515710169243
10010 075 00589273 47700 728105 110351MDSN 352BLLL 5609977
10021 TWP N 159 RGE W 85 SEC 31 055TH PRINCIPAL
101 NOKA RENVILLE A 1980 FSL 660 FEL C NE SW WPD 388
102 KOCH EXPLORATION 9-31 HELMERS
103 1828 KB LAKE DARLING
104 API 33 075 00589 00
105 SPUD 06/01/1975 COMP 07/30/1975 ROTARY OIL
107 DTU 5609 PB 5572 FM/TO 351MDSN
20102 352BLLL PERF W/ 4/FT 5516- 5520 004
40101 DST 01 5512- 5522 352BLLL 5517 S002
40131 FINAL OP 2H30M IFF 40 FFP 79 BHT 152F

35.4°C/ft

33 N 159 W 85 31 10002 0485551510169847 0485553610169808
10010 075 00672273 47700 7281011 110352SHRD 351STTA 5530977
10021 TWP N 159 RGE W 85 SEC 31 066TH PRINCIPAL
101 NOKA RENVILLE A 1980 FNL 1980 FEL C SW NW DO 389
102 KOCH EXPLORATION 7-31 WARD
103 1817 GR LAKE DARLING
104 API 33 075 00672 00
105 SPUD 07/10/1976 COMP 08/03/1976 ROTARY OIL
107 DTU 5530 PB 5520 FM/TO 352SHRD
20102 351STTA PERF W/ 2/FT 5497- 5509 GROSS 009
40101 DST 01 5492- 5512 351STTA 5502 S002
40102 OVERLAPS 352SHRD
40131 FINAL OP 2H IFF 175 FFP 667 BHT 160F
40201 DST 02 5492- 5512 351STTA S003
40202 OVERLAPS 352SHRD
40210 GAS TS IN THEM /W/5 FT FLARE/
40231 FINAL OP 2H IFF 127 FFP 222

38.1°C/ft

S004

33 N 159 W 85 31 40301 DST 03 5517- 5530 352SHRD S004
40331 FINAL OP 2H IFF 286 FFP 746
50102 352SHRD OPENHOLE 5526- 5530 006
50202 351STTA PERF W/ 2/FT 5497- 5509 GROSS 007
50302 351STTA PERF W/ 2/FT 5497- 5509 GROSS 008

33 N 159 W 85 31 10002 0485586710170382 0485590710170283
10010 075 00678273 47700 7281011 110351MDSN 352BLLL 5644977
10021 TWP N 159 RGE W 85 SEC 31 055TH PRINCIPAL
101 NOKA RENVILLE A 660 FNL 1980 FNL C NE NW DO
102 KOCH EXPLORATION 3-31 WARD
103 1819 KB 1826 GR LAKE DARLING

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP

PAGE 779

SUB FILE GEOTHERMAL LISTING

33 N 159 W 85 31 40301 DST 03 5517- 5530 352SHRD' S004
 40331 FINAL OP 2H IFF 286 FFP 746
 50102 352SHRD OPENHOLE 5526- 5530 006
 50202 351STTA PERF W/ 2/FT 5497- 5509 GROSS 007
 50302 351STTA PERF W/ 2/FT 5497- 5509 GROSS 008

33 N 159 W 85 31 10002 0485586710170382 0485590710170283
 10010 075 00678273 47700 7281011 110351MOSN 352BL' L 5544977
 10021 TWP N 159 RGE W 85 SEC 31 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 ENL 1980 FEL NE NE NW DO 390
 102 KOCH EXPLORATION 3-31 HARD
 103 1839 KB 1826 GR LAKE DARLING
 104 1837 DF 1829 P API 33 075 00678 00
 105 SPUD 08/03/1976 COMP 09/29/1976 ROTARY OIL
 107 DTD 5544 PB 5536 FM/TO 351MOSN
 20102 352BL' PERF W/ 2/FT 5528- 5533 006
 40101 DST 01 5369- 5398 353CRLS S 384 002
 40131 FINAL OP 1H30M IFF 50 FFP 67 BHT 155F
 40201 DST 02 5529- 5539 351STTA S003
 40202 OVERLAPS 352SHRD
 40231 FINAL OP 2H IFF 79 FFP 111
 40301 DST 03 5537- 5544 351STTA S004
 40302 OVERLAPS 352SHRD
 40331 FINAL OP 4H

37.2°C/hm

33 N 159 W 85 36 10002 0485488510159983 0485484110159901
 10010 075 00646273 4770010123261 110351MHL 352SHRD 5405077
 10021 TWP N 159 RGE W 85 SEC 36 055TH PRINCIPAL
 101 NDAK RENVILLE A 690 FSL 680 FEL NE SW DO 391
 102 SUNBEAM GAS 3 FEDERAL DARLING
 103 1720 KB 1708 GR LAKE DARLING
 104 1720 DF 1712 P API 33 075 00646 00
 105 SPUD 02/15/1976 COMP 03/31/1976 ROTARY OIL
 107 DTD 5405 PB 5320 FM/TO 353MHL
 20102 352SHRD PERF W/ 4/FT 5266- 5275 007
 40101 DST 01 5251- 5298 S004
 40102 OVERLAPS 353MHL
 40131 FINAL OP 1H IFF 348 FFP 675 BHT 145F
 40201 DST 02 5300- 5358 S329 S005
 40231 FINAL OP 1H IFF 150 FFP 263 BHT 150F

35.9°C/hm

33 N 159 W 91 24 10002 0485810510236650 0485827710236582
 10010 013 00698273 8325050 900351MOSN 7440768
 10021 TWP N 159 RGE W 91 SEC 24 055TH PRINCIPAL
 101 NDAK BURKE A 1980 FSL 558 FEL NE SE NW WF 392
 102 UNION OIL OF CALIFORNIA 1 DAVE LITNBURG
 103 2385 KB 2369 GR WILDCAT
 104 2377 DF 2369 GR P API 33-013- 00698 00
 105 SPUD 06/16/1968 COMP 07/01/1968 ROTARY D&A
 107 DTD 7440 FM/TO 351MOSN
 40101 DST 01 7361- 7415 353CRLS 004

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP

PAGE 780

SUB FILE GEOTHERMAL LISTING

33 N 159 W 91 24 40102 OVERLAPS 353MHL 353NSSN
 40131 FINAL OP 1H IFF 24 FFP 198 BHT 160F

33 N 159 W 93 10 10002 0486171810267728 0486168610267633
 10010 013 00681273 8325050 900352MSNC 7394667
 10021 TWP N 159 RGE W 93 SEC 10 055TH PRINCIPAL
 101 NDAK BURKE A 660 FSL 1980 FEL NW NE WF
 102 WILHITE I J ETAL 1 CARL HONPUD
 103 2290 KB 2281 GR WILDCAT
 104 2294 ES 2284 GR P API 33-013- 00681 00
 105 SPUD 10/15/1967 COMP 11/13/1967 ROTARY D&A
 107 DTD 7994 FM/TO 352MSNC
 40101 DST 01 7855- 7876 352MSNC 002
 40131 FINAL OP 1H15M IFF 133 FFP 264 BHT 180F

SUB FILE GEOTHERMAL LISTING

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33 N 159 W 91 24 40102 OVERLAPS 383MIDL 383NSSN
40131 FINAL OP 1M IFF 24 FFP 198 BHT 160F

33 N 159 W 93 10 10002 0486171810297728 048618610267633
10010 013 00681273 8326050 900354RCLF 7994K67
10021 TWP N 159 RGE W 93 SEC 10 065TH PRINCIPAL
101 NDAK BURKE A 660 FNL 1980 FEL C NW NE WF 393
102 WILHITE J ETAL 1 CARL MONROD
103 2290 KB 2281 GR WILDCAT
104 2294 ES 2284 GR P
105 SPUD 10/15/1967 COMP 11/13/1967 ROTARY API 33-013-00681 00 D&A
107 DTD 7994 FM/TO 352MSNC
40101 DST 01 7855-7876 352MSNC 002
40131 FINAL OP 1M15H IFF 133 FFP 264 BHT 180F

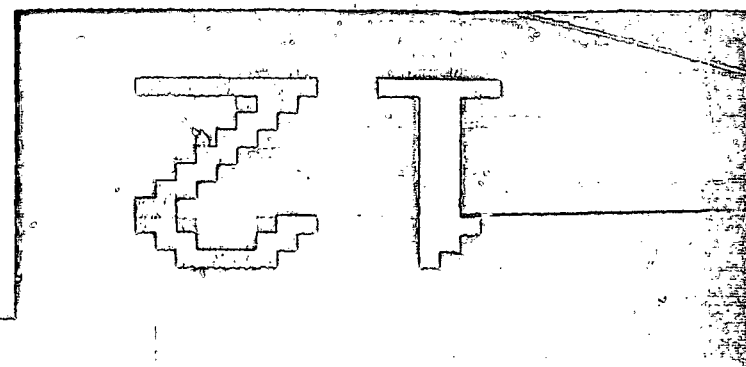
33 N 159 W 101 2 10002 0486115410369782 0486315710369584
10010 105 00720273 9026050 900354RCLF 8048475
10021 TWP N 159 RGE W 101 SEC 2 065TH PRINCIPAL
101 NDAK WILLIAMS A 660 FNL 1980 FEL C NW NE WF 394
102 TRUE GIL 31-2 OLSON
103 2155 KB 2145 GR WILDCAT
104 2178 OF 2168 GR P LSE NO API 33-105-00720-00
105 SPUD 01/31/1975 COMP 02/20/1975 ROTARY D&A
107 DTD 8048 LTD 8033 FM/TO 354RCLF
40101 DST 01 7922-7952 354RCLF 002
40131 FINAL OP 3H IFF 393 FFP 469 BHT 190F

33 N 159 W 102 6 10002 0486118210390976 0486320410390856
10010 105 00693273 8900550 911354RCLF 7862370
10021 TWP N 159 RGE W 102 SEC 6 065TH PRINCIPAL 395
101 NDAK WILLIAMS A 660 FNL 660 FEL C NE NE WF
102 TEXACO INC 1 H B HERBACK /NCT-1/
103 2117 KB 2105 GR WILDCAT
104 2113 OF 2105 GR P LSE NO API 33-105-00693-00
105 SPUD 08/05/1970 COMP 08/28/1970 ROTARY D&A-06
107 DTD 7861 LTD 7862 FM/TO 354RCLF
40101 DST 01 4340-4410 602HDDY MISRUN 002
40201 DST 02 4340-4410 602HDDY 4375 S003
40231 FINAL OP 2H IFF 673 FFP 1718-BHT 141F
40301 DST 03 7680-7760 354RCLF S005
40331 FINAL OP 2H IFF 63 FFP 536

40.0 °C/10m

33 N 159 W 102 15 10002 0485943710384957 0485943410384926
10010 105 00760273 99999 272305 110353MIDL 354RCLF 8471077
10021 TWP N 159 RGE W 102 SEC 15 065TH PRINCIPAL
101 NDAK WILLIAMS A 1820 FSL 1980 FEL C2 NW SE WF WFD 396
102 FARMERS UNION CENT EXCH 10-15 LARSON
103 2294 KB 2282 GR UNNAMED
104 2292 OF 2282 GR P LSE NO API 33-105-00760-00
105 SPUD 06/23/1977 COMP 09/27/1977 ROTARY OIL
107 DTD 8471 PB 8150 FM/TO 353MIDL

RH	INDEX
A	33 N 158 W 85 2
B	33 N 158 W 85 8
C	33 N 158 W 85 14
D	33 N 158 W 85 17
E	33 N 158 W 86 15
F	33 N 158 W 95 6
G	33 N 158 W 95 24
H	33 N 158 W 95 26
J	33 N 158 W 103 6
K	33 N 159 W 82 35
L	33 N 159 W 85 22
M	33 N 159 W 85 31
	33 N 159 W 91 24



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06/08/78

PETROLEUM INFORMATION CORP

PAGE 781

SUB FILE GEOTHERMAL LISTING

33 N 159 W 102 15 20102 354RCLF PERF W: 4/FT 8040- 8050 004
 40101 DST 01 8005- 8060 354RCLF S002
 40102 OVERLAPS 353CRLS
 40131 FINAL OP 3H IFF 142 FFP 316 BHT 195F

33 N 159 W 102 22 10002 0485868110384996 0485870910384927
 10010 105 00767273 4900 2723010 911351MDSN 8238378
 10021 TWP N 159 RGE W 102 SEC 22 055TH PRINCIPAL
 101 NDOK WILLIAMS A 820 FNL 1980 FEL 052 NN NE NO 40
 102 FARMERS UNION CENT. EXCH. 2-22 LARSON
 103 2299 KB 2284 GR BHR BUTTE
 104 API 33 105 00767 00
 105 SPUD 02/21/1978 COMP 03/08/1978 ROTARY D&A-OG
 107 DTD 8238 LTD 8230 FM/TO 351MDSN
 40101 DST 01 8048- 8089 353CRLS S002
 40102 OVERLAPS 354RCLF 8068
 40131 FINAL OP 3H IFF 124 FFP 246 BHT 250F

33 N 159 W 103 29 10002 048580910401785 0485808110401655
 10010 105 00741273 31000 7990561 110351MDSN 351MDSN 7850776
 10021 TWP N 159 RGE W 103 SEC 29 055TH PRINCIPAL
 101 NDOK WILLIAMS A 1980 FSL 660 FEL C NE SPD DO
 102 SKELLY OIL 18 GRENORA MADISON
 103 2071 KB 2055 GR GRENORA
 104 2063 DF 2055 GR P LSE NO API 33-105- 00741-00
 105 SPUD 03/25/1976 COMP 06/29/1976 ROTARY OIL
 107 DTD 7850 PB 7771 FM/TO 351MDSN
 20102 351MDSN PERF 7230- 7740 004
 20141 7850FT BHT 172F
 20150 HTW
 50102 353CRLS PERF 7164- 7165 003

33 N 160 W 75 9 10002 0486922210036012 0486938510036048
 10010 009 01005273 5992950 900351LDGP 3132970
 10021 TWP N 160 RGE W 75 SEC 9 055TH PRINCIPAL
 101 NDOK BITTNEAD A 660 FSL - 660 FNL C SH SW WF
 102 WILHELM J ETAL 1 JOHN FRASER
 103 1509 KB 1500 GR WILDCAT
 104 1507 DF 1499 GR P API 33-009- 0.005 00
 105 SPUD 03/03/1969 COMP 03/12/1969 ROTARY D&A
 107 DTD 3132 FM/TO 351LDGP
 40101 DST 01 2941- 2960 352MSNC 002
 40131 FINAL OP 0445M IFF 196 FFP 866 BHT 92F

33 N 160 W 78 5 10002 0487182810076872 0487179810076766
 10010 009 01167273 80598 616506 911353MIDL 3350075
 10021 TWP N 160 RGE W 78 SEC 5 055TH PRINCIPAL
 101 NDOK BITTNEAD A 612 FNL 1980 FNL 02 NE NW DG
 102 ODESSA NATURAL CORP 1 FEL-958078
 103 1466 KB 1455 GR STARBUCK SOUTH
 104 API 33 009 01167 00

397

46.3°C/ft

398

399

400

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06/08/78

PETROLEUM INFORMATION CORP

PAGE 782

SUB FILE GEOTHERMAL LISTING

33 N 160 W 78 5 105 SPUD 07/30/1975 COMP 08/10/1975 ROTARY D&A-OG
 107 DTD 3350 FM/TO 353MIDL
 40101 DST 01 3278- 3290 501SPRF S002
 40102 OVERLAPS 353MIDL
 40131 FINAL OP 1430M IFF 42 FFP 64 BHT 110F
 40201 DST 02 3410- 3434 353BRNSU S003
 40231 30M IFF 51 FFP 83

33 N 160 W 78 9 10002 0487033510074663 0487035610074545
 10010 009 00982273 20598 9999911 110353MIDL 501SPRF 330468
 10021 TWP N 160 RGE W 78 SEC 9 055TH PRINCIPAL
 101 NDOK BITTNEAD A 660 FNL 1980 FNL NE NW NO WOE
 102 FUNDAMENTAL OIL 2-9 EVENSON
 103 1470 RB 1461 GP STARBUCK SOUTH
 104 1466 DF 1459 GR P API 33-009- 00982 00

06/08/78

PETROLEUM INFORMATION CORP

PAGE 782

SUB FILE GEOTHERMAL LISTING

33 N 160 W 78 5 105 SPUD 07/30/1975 COMP 08/10/1975 ROTARY D&A-06
 107 OTO 3350 FM/TO 353MIDL
 40101 DST 01 3278- 3290 501SPRF 3284 S002
 40102 OVERLAPS 353MIDL
 40131 FINAL OP 1430M IFF 42 FFP 64 BHT 110F
 40201 DST 02 3410- 3434 353BRNSU S003
 40231 30M IFF 51 FFP 83

36.1°C/hm

33 N 160 W 78 9 10002 0487033510074663 0487035610074545
 10010 009 00982273 80598 8999911 110353MIDL 501SPRF 3304K68
 10021 TWP N 160 RGE W 78 SEC 9 055TH PRINCIPAL
 101 NDAK BITTNEAU A 660 FNL 1980 FNL NE NW 1/4 WOE 401
 102 FUNDAMENTAL OIL 2-9 EVENING
 103 1470 RB 1461 GR STARBUCK SOUTH
 104 1466 DF 1459 GR P API 33-009- 00982 00
 105 SPUD 12/31/1967 COMP 11/27/1968 ROTARY OIL
 107 OTO 3300 LTD 3304 FM/TO 353MIDL
 20102 501SPRF PERF JET W/ 4/FT 3246- 3250 008
 40101 DST 01 STRD 3230- 3257 501SPRF 3244 S003
 40131 FINAL OP 1430M IFF 92 FFP 123 BHT 110F
 40201 DST 02 3264- 3304 353MIDL 3284 004
 40231 FINAL OP 2H IFF 41 FFP 122 BHT 190F
 50102 501SPRF PERF JET W/ 4/FT 3246- 3250 006
 50202 501SPRF PERF JET W/ 4/FT 3246- 3250 007

36.5°C/hm
80.47°C/hm

33 N 160 W 79 2 10002 0487064710083434 0487072210083395
 10010 009 00945273 80600 8325010 911353BRNSU 3395J66
 10021 TWP N 160 RGE W 79 SEC 2 055TH PRINCIPAL
 101 NDAK BITTNEAU A 660 FSL 1980 FNL SE SW 1/4 WOE 402
 102 WILHITE I J 2 E F TSENENDORF
 103 1455 KB 1447 GR STARBUCK SW
 104 1455 ES 1448 GR P API 33-009- 00945 00
 105 SPUD 10/04/1966 COMP 10/12/1966 ROTARY D&A-06
 107 OTO 3395 FM/TO 353BRNSU
 40101 DST 01 3378- 3395 353BRNSU 3386 S003
 40131 FINAL OP 2H IFF 100 FFP 137 BHT 110F

33 N 160 W 79 9 10002 0486960810086888 0486962810086907
 10010 009 00988273 75500 8325010 911000UCFM 3402569
 10021 TWP N 160 RGE W 79 SEC 9 055TH PRINCIPAL
 101 NDAK BITTNEAU A 1980 FSL 1320 FEL C/N 2 SE WOE 403
 102 WILHITE I J ETAL 1 LOKKEN
 103 1459 KB 1451 GR P'SSELL
 104 1461 ES 1453 GR P API 3-009- 00988 00
 105 SPUD 04/20/1968 COMP 04/25/1968 ROTARY D&A-06
 107 OTO 3402 FM/TO 000UCFM
 40101 DST 01 3378- 3400 501SPRF 3389 S002
 40131 FINAL OP 02400M IFF 88 FFP 290 BHT 130F
 40201 DST 02 3395- 3402 501SPRF 3398 S003
 40231 FINAL OP 02400M IFF 38 FFP 227 BHT 130F

45.7°C/hm
45.6

06/08/78

PETROLEUM INFORMATION CORP

PAGE 783

SUB FILE GEOTHERMAL LISTING

33 N 160 W 79 10 10002 0486922510085564 0486924310085631
 10010 009 00938273 75500 8325050 911351MOSH 3406066
 10021 TWP N 160 RGE W 79 SEC 10 055TH PRINCIPAL
 101 NDAK BITTNEAU A 660 FSL 1980 FNL SE SW 1/4 WF
 102 WILHITE I J ETAL 1 E F TSENENDORF
 103 1463 KB 1455 GR RUSSELL AREA
 104 1462 DF 1456 GR P API 33-009- 00938 00
 105 SPUD 07/07/1966 COMP 07/12/1966 ROTARY D&A-06
 107 OTO 3406 FM/TO 351MOSH
 40101 DST 01 3394- 3406 353CRLS S003
 40131 FINAL OP 2H IFF 32 FFP 76 BHT 112F

SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 783

SUB FILE GEOTHERMAL LISTING

33 N 160 W 79 10 10002 0486922510C85564 0486924310086631
10010 009 00938273 75500 8325050 911351MDSN 3406066
10021 TWP N 160 RGE W 79 SEC 10 055TH PRINCIPAL
101 NDAK BTNEAU A 660 FSL 1980 FNL SE SW 1/4 WF 404
102 WILHITE ETAL 1 E F TSEENDORF
103 1463 KB 1465 GR RUSSELL ABER
104 1462 DF 1464 GR P API 33-009- 00978 00
105 SPUD 07/07/1966 COMP 07/12/1966 ROTARY O&A-OG
107 DTD 3406 FM/TO 351MDSN
40101 DST 01 3394- 3406 353CRLS 3400 5003
40131 FINAL OP 2H 1FP 32 FFP 76 BHT 112F
40201 DST 02 3396- 3406 353CRLS 5004
40231 FINAL OP 2H 1FP 70 FFP 95

35.9°C/ftm

33 N 160 W 81 5 10002 0487097010116022 0487101610116041
10010 009 00961273 1670550 900259SLRN 6675167
10021 TWP N 160 RGE W 81 SEC 5 055TH PRINCIPAL
101 NDAK BTNEAU A 1980 FSL 1980 FNL NE SW 1/4 WF 405
102 CONTINENTAL OIL 1 THOMPSON
103 1516 RB 1504 GR WILDCAT
104 1512 ES 1504 GR P API 33-009- 00961 00
105 SPUD 11/27/1966 COMP 12/22/1966 ROTARY O&A
107 DTD 6675 FM/TO 259SLRN
40101 DST 01 5183- 5203 306NSKU 002
40131 FINAL OP 2H 1FP 249 FFP 2108 BHT 138F

33 N 160 W 81 34 10002 0486380710112277 0486380110112256
10010 009 01070273 3432050 900203RDRV 7400174
10021 TWP N 160 RGE W 81 SEC 34 055TH PRINCIPAL
101 NDAK BTNEAU A 1980 FSL 630 FNL W2 NW 1/4 WF 406
102 HELIS W- ESTATE 1 E VAN HORN ETAL
103 1503 KB 1490 GR WILDCAT
104 API 33 009 01070 00
105 SPUD 07/03/1971 COMP 08/16/1971 ROTARY O&A
107 DTD 7400 LTD 7396 FM/TO 203RDRV
40101 DST 01 3971- 4001 353CRLS 3986 002
40131 FINAL OP 1H30M 1FP 88 FFP 426 BHT 126F
40201 DST 02 6267- 6291 302WPGS 003
40231 FINAL OP 1H 1FP 102 FFP 1729 BHT 156F
40301 DST 03 7083- 7176 203RDRV 004
40331 FINAL OP 1H 1FP 89 FFP 508

37.0°C/ftm

33 N 160 W 83 17 10002 0486780710142679 0486795810142692
10010 009 01050273 48200 6045060 911359MSSP 4695370
10021 TWP N 160 RGE W 83 SEC 17 055TH PRINCIPAL
101 NDAK BTNEAU A 660 FSL 660 FNL C SW 1/4 D 407
102 NORTHERN PUMP 1 CHRISTINE BLOWERS
103 1621 KB 1611 GR LANSFORD
104 1620 DF 1612 GR P LSE NO API 33-009- 01050-00
105 SPUD 03/02/1970 COMP 03/11/1970 ROTARY O&A-OG
107 DTD 4690 LTD 4695 FM/TO 359MSSP

SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 784

SUB FILE GEOTHERMAL LISTING

33 N 160 W 83 17 40101 DST 01 4606- 4624 352SHRD 5002
40131 FINAL OP 2H 1FP 57 FFP 169 BHT 136F

33 N 160 W 83 20 10002 0486744410142123 0486759810142123
10010 009 01029273 48200 6045061 113351MDSN 351MDSN 4675069
10021 TWP N 160 RGE W 83 SEC 20 055TH PRINCIPAL
101 NDAK BTNEAU A 660 FNL 1980 FNL C NE NW 1/4 D
102 NORTHERN PUMP CO 1 GEORGE BLOWERS
103 1609 KB 1599 GR LANSFORD
104 API 33-009- 01029 00
105 SPUD 08/12/1969 COMP 09/18/1969 ROTARY OIL
107 DTD 4675 FM/TO 351MDSN
20102 351MDSN PERF JET W/ 2/FT 4592- 4598 005
40101 DST 01 4580- 4608 351MDSN 5002
40131 FINAL OP 2H 1FP 112-1 FT 1100F

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133
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06/08/78

PAGE 784

SUB FILE GEOTHERMAL LISTING

33 N 160 W 83 17 40101 DST 01 4606- 4624 3525HRD 5002
40131 FINAL OP 2H IFF 57 FFP 169 BHT 136F

33 N 160 W 83 20 10002 0486744410142123 0486759810142123
10010 009 01029273 48200 6045061 110351MDSN 351MDSN 4675069
10021 TWP N 160 RGE W 83 SEC 20 055TH PRINCIPAL
101 NDAK BTYNEAU A 660 FNL 1980 FNL NE NE 1/4 DO 408
102 NORTHERN PUMP CO 1 GEORGE BLOWERS
103 1609 KB 1599 GR LANSFORD
104 API 33-009- 01029-00
105 SPUD 08/12/1969 COMP 09/18/1969 ROTARY OIL
107 DTD 4675 FM/TO 351MDSN
20102 351MDSN PERF JET W/ 2/FT 4592- 4598 005
40101 DST 01 4580- 4608 351MDSN 4594 5002
40110 GAS TS IN 25M BURN W/2-3 FT FLARE
40131 FINAL OP 2H IFF 150 FFP 404 BHT 134F
50102 351MDSN PERF JET W/ 2/FT 4592- 4598 004

33 N 160 W 83 20 10002 0486742610141935 0486745510141599
10010 009 01091273 48200 3411061 110353MMLL 353MMLL 4650K72
10021 TWP N 160 RGE W 83 SEC 20 055TH PRINCIPAL
101 NDAK BTYNEAU A 660 FNL 1980 FNL NE NE 1/4 DO 409
102 JOHN B HANNEY TRUST 2 BLOWERS
103 1590 KB LANSFORD
104 API 33 009 01091 00
105 SPUD 10/17/1972 COMP 11/11/1972 ROTARY OIL
107 DTD 4650 FM/TO 353MMLL
20102 353MMLL PERF JET W/ 2/FT 4566- 4570 005
40101 DST 01 4560- 4580 353MMLL 5002
40131 FINAL OP 2H IFF 194 FFP 288 BHT 130F
50102 353MMLL PERF JET W/ 2/FT 4566- 4570 004

33 N 160 W 83 26 10002 0486598910135599 0486608210135698
10010 009 01033273 8060 7281061 110353MMLL 353MMLL 4575J69
10021 TWP N 160 RGE W 83 SEC 26 055TH PRINCIPAL
101 NDAK BTYNEAU A 660 FNL 1880 FNL NE NW 1/4 WF 410
102 CHAMPAIN-PETROLEUM 1 ADAMS
103 1588 KB 1580 GR WILDCAT
104 1589 DF 1582 GR P API 33-009- 01033 00
105 SPUD 10/06/1969 COMP 10/16/1969 ROTARY D&A-0G
107 DTD 4575 FM/TO 353MMLL
40101 DST 01 4460- 4516 353MMLL 5002
40131 FINAL OP 1H IFF 76 FFP 218 BHT 128F

33 N 160 W 83 27 10002 0486555510136827 0486528410136831
10010 009 01130273 8060 7281061 110351MDSN 352MSNC 4563375
10021 TWP N 160 RGE W 83 SEC 27 055TH PRINCIPAL
101 NDAK BTYNEAU A 2086 FNL 716 FNL SW SE NE 1/4 DO 411
102 KOCH EXPL 1-A VEDOBAN
103 1602 KB 1594 GR BLAINE
104 1599 DF 1594 GR P LSE NO API 33-009- 01130-00

35.9°C/hm

35.3°C/hm

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302
305
306
307
133
177
4F
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06/08/78

PAGE 785

SUB FILE GEOTHERMAL LISTING

33 N 160 W 83 27 105 SPUD 06/11/1974 COMP 07/29/1974 ROTARY OIL
107 DTD 4517 FM/TO 351MDSN
20102 352MSNC PERF 4505- 4512 GROSS 004
40101 DST 01 4488- 4517 353MMLL 5002
40131 FINAL OP 2H IFF 148 FFP 505 BHT 126F

33 N 160 W 84 18 10002 0486782510157298 0486787910157294
10010 075 00386273 9999350 910351MDSN 4963167
10021 TWP N 160 RGE W 84 SEC 18 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FSL 1980 FNL SE SW 1/4 WF
102 GOODSTEIN FRED 1 WALTER SELK
103 1691 KB 1686 GR NORTH GRANO AREA
104 1700 ES 1689 GR P API 33-075- 00386 00
105 SPUD 12/04/1966 COMP 12/18/1966 ROTARY D&A-0

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP

PAGE 785

SUB FILE GEOTHERMAL LISTING

33 N 160 W 83 27 105 SPUD 06/11/1974 COMP 07/29/1974 ROTARY OIL
 107 DTD 4517 FM/TO 351MDSN
 20102 352MSN PERF 4505- 4512 GROSS 004
 40101 DST 01 4488- 4517 351MHL S002
 40131 FINAL OP 2H IFF 148 FFP 505 BHT 126F

33 N 160 W 84 18 10002 0486782510157298 0486787910157294
 10010 075 00386273 9999350 910351MDSN 4963167
 10021 TWP N 160 RGE W 84 SEC 18 055TH PRINCIPAL
 101 NDAR RENVILLE A 660 FSL 1980 FHL SE SW 1/4 WF 412
 102 GOODSTEIN FRED 1 WALTER SEEL
 103 1691 KB 1686 GR NORTH GRANO AREA
 104 1700 ES 1689 GR P API 33-075- 00386 00
 105 SPUD 12/04/1966 COMP 12/18/1966 ROTARY D&A-0
 107 DTD 4960 LTD 4963 FM/TO 351MDSN
 40101 DST 01 3396- 3406 351MDSN 3401 S002
 40131 FINAL OP 2H IFF 104 FFP 331 BHT 138F

33 N 160 W 84 19 10002 0486671010156804 0486679410156703
 10010 075 00455273 63000 1310061 110351MDSN 351MDSN 4973669
 10021 TWP N 160 RGE W 84 SEC 19 055TH PRINCIPAL
 101 NDAR RENVILLE A 1980 FSL 1980 FHL C NW SE 1/4 DO 413
 102 CARDINAL PETROLEUM ETAL. 10-19 DAUTSON
 103 1704 KB 1692 GR NORTH GRANO
 104 1701 ES 1693 GR P API 33-075- 00455 00
 105 SPUD 12/08/1968 COMP 04/04/1969 ROTARY OIL
 107 DTD 4970 LTD 4973 PB 4921 FM/TO 351MDSN
 20102 351MDSN PERF JET W/ 2'FT 4898- 4902 004
 40101 DST 01 4870- 4908 351MDSN 4889 S002
 40131 FINAL OP 2H IFF 103 FFP 300 BHT 140F

33 N 160 W 84 21 10002 0486706210153107 0486704610152867
 10010 075 00689273 87000 9657010 911351MDSN 4862277
 10021 TWP N 160 RGE W 84 SEC 21 055TH PRINCIPAL
 101 NDAR RENVILLE A 1980 FSL 1980 FHL C SE NW 1/4 D 414
 102 WISER OIL 2-21 OBERHOLTZER-FLB
 103 1686 KB 1677 GR TRURO
 104 API 33 075 00689 00
 105 SPUD 11/04/1976 COMP 11/17/1976 ROTARY D&A-0G
 107 DTD 4862 FM/TO 351MDSN
 40101 DST 01 4780- 4812 351STTA MISRUN 002
 40201 DST 02 4778- 4806 351STTA 4792 S003
 40231 FINAL OP 1H30M IFF 55 FFP 271 BHT 140F

33 N 160 W 84 21 10002 0486674710152434 0486673910152247
 10010 075 00693273 87000 9657011 60103525HRD 4852577
 10021 TWP N 160 RGE W 84 SEC 21 055TH PRINCIPAL
 101 NDAR RENVILLE A 1980 FSL 1980 FHL C NW SE 1/4 SUS 415
 102 WISER OIL 1 OBERHOLTZER ETAL
 103 1680 KB 1670 GR TRURO
 104 1680 DF 1672 GR P LSE NO API 33-075- 00693-00

49.8 °C/ftm

35.4 °C/ftm

36.1 °C/ftm

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP

PAGE 786

SUB FILE GEOTHERMAL LISTING

33 N 160 W 84 21 105 SPUD 12/10/1976 COMP 05/17/1977 ROTARY SUS-0
 107 DTD 4840 LTD 4852 FM/TO 352SHRD
 40101 DST 01 4765- 4785 351STTA MISRUN 002
 40201 DST 02 STRD 4764- 4785 351STTA S003
 40231 FINAL OP 1H30M IFF 76 FFP 171 BHT 120F

33 N 160 W 84 22 10002 0486669910151514 0486668910151228
 10010 075 00694273 87000 9657061 110353MHL 352ELL 4820477
 10021 TWP N 160 RGE W 84 SEC 22 055TH PRINCIPAL
 101 NDAR RENVILLE A 1980 FSL 660 FHL C NW SW 1/4 DO
 102 WISER OIL 1 MARIE SOLAR
 103 1657 KB 1647 GR TRURO
 104 API 33 075 00694 00
 105 SPUD 11/20/1976 COMP 03/18/1977 ROTARY OIL
 107 DTD 4820 FM/TO 352MHL

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JSN
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14 00
SA-0G
JSN
500

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19 00
SA-0G
JSN
5002

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33 N 160 W 84 21 105 SPUD 12/10/1976 COMP 05/17/1977 ROTARY SUS-0
107 DTD 4840 LTD 4852 FM/TO 352SHRD
40101 DST 01 4765- 4785 351STTA MISRUN 002
40201 DST 02 STRD 4764- 4785 351STTA 5003
40231 FINAL OP 1H30M IFF 76 FFP 171 BHT 120F

33 N 160 W 84 22 10002 0486669910151514 0486668910151228
10010 075 00694273 87000 9657061 110353MHLL 352BLLL 4820477
10021 TWP N 160 RGE W 84 SEC 22 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FSL 660 FHL C NH SW DO 416
102 WISER OIL 1 HARTE-SOLAR
103 1657 KB 1647 GR TRURO
104 API 33 075 00694 00
105 SPUD 11/20/1976 COMP 03/18/1977 ROTARY OIL
107 DTD 4820 FM/TO 353MHLL
20102 352BLLL PERF W/ 4/FT 4716- 4732 007
40101 DST 01 4698- 4746 352BLLL 5004
40102 OVERLAPS 351STTA 352SHRD
40131 FINAL OP 1H IFF 197 FFP 273 BHT 114F
40201 DST 02 4698- 4748 352BLLL 5005
40202 OVERLAPS 351STTA 352SHRD
40231 FINAL OP 1H IFF 197 FFP 213 BHT 114F

33 N 160 W 84 30 10002 0486492410156237 0486498110156156
10010 075 00456273 60000 1310060 911351MDSN 5013469
10021 TWP N 160 RGE W 84 SEC 30 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FSL 660 FEL C SE SW D 417
102 CAROLINA PETROLEUM ETAL 16-30 DARTSON
103 1712 KB 1700 GR NORTH GRANO
104 1708 ES 1700 GR P API 33-075- 00456 00
105 SPUD 12/19/1968 COMP 12/28/1968 ROTARY D&A-0G
107 DTD 5004 LTD 5013 FM/TO 351MDSN
40101 DST 01 4902- 4944 351MDSN 4923 5002
40131 FINAL OP 2H45M IFF 56 FFP 271 BHT 142F

35.9°C / hrm

33 N 160 W 84 35 10002 0486385910148615 0486360610148642
10010 075 00620273 99999 5265651 110351MDSN 352SHRD 4854377
10021 TWP N 160 RGE W 84 SEC 35 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FSL 1980 FHL C NE SW WFD 418
102 MAC PET ETAL 23-35 CARLSON
103 1654 KB 1644 GR UNNAMED
104 1655 DF 1647 GR P LSE NO API 33-075- 00620-00
105 SPUD 11/12/1975 COMP 03/26/1976 ROTARY OIL
107 DTD 4850 LTD 4854 PB 4797 FM/TO 351MDSN
20102 352SHRD PERF W/ 2/FT 4748- 4754 004
40101 DST 01 4738- 4756 352SHRD 5002
40102 OVERLAPS 351STTA
40131 FINAL OP 2H IFF 106 FFP 223 BHT 133F

33 N 160 W 85 15 10002 0486891410163378 0486898710163264
10010 075 00472273 9999950 911352SHRD 5153969

33 N 160 W 85 15 10021 TWP N 160 RGE W 85 SEC 15 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FHL 1950 FEL C NH NE WF WF
102 CHANDLER & ASSOCIATES 1 UNION CENTRAL LIFE
103 1760 KB 1750 GR WILDCAT
104 1756 DF 1748 GR B API 33-075- 00472 00
105 SPUD 07/21/1969 COM 08/02/1969 ROTARY D&A-0G
107 DTD 5150 LTD 5155 FM/TO 352SHRD
40101 DST 01 5038- 5029 351STTA 5002
40131 FINAL OP 1H IFF 401 FFP 1550 BHT 158F
40201 DST 02 5012- 5032 351STTA 5003
40231 FINAL OP 1H IFF 217 FFP 1231

33 N 160 W 85 26 10002 0486564310162206 0486564410162108
10010 075 00472273 9999950 911352SHRD 5153969

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33 N 160 W 85 15 10021 TWP N 160 RGE W 85 SEC 15 055TH PRINCIPAL
101 NDAK RENVILLE A 660 FNL 1920 FEL C NE NE WF 419
102 CHANDLER ASSOCIATES 1 UNION CENTRAL LIFE
103 1760 KB 1750 GR WILDCAT
104 1756 DF 1748 GR P API 33-075- 00472 00
105 SPUD 07/21/1969 COMP 08/02/1969 ROTARY D&A-OG
107 DTD 5150 LTD 5150 FM/TO 352SHRD
40101 DST 01 5008- 5039 351STTA 5024 S002
40131 FINAL OP 1H IFF 401 FFP 1550 BHT 158F
40201 DST 02 5012- 5032 351STTA S003
40231 FINAL OP 1H IFF 217 FFP 1231

33 N 160 W 85 26 10002 0486564310162206 0486564410162108
10010 075 00546273 9277050 911353MHL 5150475
10021 TWP N 160 RGE W 85 SEC 26 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FNL 660 FNL C SW NW WF 420
102 WAINCO INC 11-26 CLIFFORD BURBIDGE
103 1743 GR WILDCAT
104 GR LSE NO API 33-075- 00546-00
105 SPUD 09/25/1974 COMP 10/05/1974 ROTARY D&A-OG
107 DTD 5150 LTD FM/TO 353MHL
40101 DST 01 MISRUN 002
40201 DST 02 5018- 5044 352BLLL 5031 S003
40231 FINAL OP 1H IFF 80 FFP 108 BHT 142F

33 N 160 W 85 27 10002 0486591110164C04 0486590910163895
10010 075 00655273 440050 900353MHL 5243376
10021 TWP N 160 RGE W 85 SEC 27 055TH PRINCIPAL
101 NDAK RENVILLE A 686 FNL 1820 FEL C SE NE WF 421
102 AZTEC OIL 1 DAYTON LEAVITT
103 1739 KB 1728 GR WILDCAT
104 1736 DF 1728 GR P LSE NO API 33-075- 00655-00
105 SPUD 02/27/1976 COMP 03/11/1976 ROTARY D&A
107 DTD 5243 FM/TO 353MHL
40101 DST 01 STRD 5095- 5120 351MDSN 5108 002
40131 FINAL OP 2H IFF 695 FFP 1935 BHT 158F

33 N 160 W 85 27 10002 0486522510162858 0486526610162760
10010 075 00696273 30900 3779051 110351MDSN 352BLLL 5170377
10021 TWP N 160 RGE W 85 SEC 27 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FNL 660 FEL C SE NE WF 422
102 HUNT CAROLINE TRUST 1 CLIFFORD BURBIDGE
103 1744 KB 1735 GR GREENE
104 API 33 075 00696 00
105 SPUD 12/10/1976 COMP 01/14/1977 ROTARY OIL
107 DTD 5170 PB 5120 FM/TO 351MDSN
20102 352BLLL PERF W/ 2/FT 5045- 5061 004
40101 DST 01 5028- 5056 352BLLL 5042 S002
40110 GAS TS IN OH25M /NO GAUGE/
40111 OIL TS IN OH30M /NO GAUGE/ FINAL FLW
40131 FINAL OP OH35M IFF 906 FFP 1471 BHT 182F

41.0 °C/ft
35.1 °C/ft
40.3 °C/ft
49.5 °C/ft

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33 N 160 W 85 27 10002 0486560210162790 0486563810162703
10010 075 00708273 30900 3779011 110359MSSP 352BLLL 5165977
10021 TWP N 160 RGE W 85 SEC 27 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FNL 660 FEL C SE NE WO DO
102 HUNT CAROLINE TRUST 2 HAROLD LEAVITT
103 1739 GR GREENE
104 1749 DF 1741 P API 33 075 00708 00
105 SPUD 04/11/1977 COMP 06/12/1977 ROTARY OIL
107 DTD 5165 FM/TO 359MSSP
20102 352BLLL PERF W/ 2/FT 5044- 5048 007
40101 DST 01 5032- 5070 352BLLL S002
40131 45M IFF 64 FFP 106 BHT 142F
50102 352BLLL PERF W/ 2/FT 5044- 5048 004
50202 352BLLL PERF W/ 2/FT 5044- 5048 005

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06/08/78

PAGE 788

SUB FILE GEOTHERMAL LISTING

33 N 160 W 85 27 10002 0486660210162790 0486563810162703
10010 075 00708273 30900 3779011 110359MSSP 3528LLL 5165977
10021 TWP N 160 RGE W 85 SEC 27 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FNL 660 FEL C SE NE W DO 423
102 HUNT CAROLINE TRUST 2 HAROLD LEAVITT
103 1739 GR GREENE
104 1749 DF 1741 P API 33 075 00708 00
105 SPUD 04/11/1977 COMP 06/12/1977 ROTARY OIL
107 DTD 5165 FM/TO 359MSSP
20102 3528LLL PERF W/ 2/FT 5044- 5048 007
40101 DST 01 5032- 5070 3528LLL 5051 S002
40131 45M IFF 64 FFP 106 BHT 142F
50102 3528LLL PERF W/ 2/FT 5044- 5048 004
50202 3528LLL PERF W/ 2/FT 5044- 5048 005
50302 3528LLL PERF W/ 2/FT 5044- 5048 006

35.0 °C/ft

33 N 160 W 87 15 10002 0486852910189372 0486848610189378
10010 101 00193273 157350 901352GLBR 5830577
10021 TWP N 160 RGE W 87 SEC 15 055TH PRINCIPAL
101 NDAK HARD A 1980 FNL 1980 FEL C SW NE WF WF 424
102 APEX LTD INC 1 OCLATA
103 1870 KB 1859 GR WILDCAT
104 1867 DF 1859 GR P LSE NO API 33-101- 00193-00
105 SPUD 10/10/1976 COMP 10/24/1976 ROTARY D&A-G
107 DTD 5830 LTD 5822 FM/TO 352GLBR
40101 DST 01 5770- 5790 353MHL 5780 S002
40131 FINAL OP 1H IFF 396 FFP 500 BHT 158F

35.6 °C/ft

33 N 160 W 87 16 10002 0486821310191562 0486823710191606
10010 101 00118273 3411050 911352SHRD 5900970
10021 TWP N 160 RGE W 87 SEC 16 055TH PRINCIPAL
101 NDAK HARD A 1980 FSL 1980 FEL C NW SE WF WF 425
102 HAWLEY JOHN B TRUST 1 CARSTENS
103 1902 KB 1893 GR WILDCAT
104 1901 DF 1892 GR P LSE NO API 33-101- 00118-00
105 SPUD 07/28/1970 COMP 08/10/1970 ROTARY D&A-OG
107 DTD 5900 LTD 5895 FM/TO 352SHRD
40101 DST 01 5848- 5860 352MSNC 5854 S003
40131 FINAL OP 2H IFF 100 FFP 151 BHT 158F
40201 DST 02 5345- 5367 352MSNC 5356 S004
40231 FINAL OP 2H IFF 63 FFP 101 BHT 160F

35.2 °C/ft

39.1

33 N 160 W 90 30 10002 0486496310234541 0486462110234543
10010 013 00765273 15735 911351MDSN 7250477
10021 TWP N 160 RGE W 90 SEC 30 055TH PRINCIPAL
101 NDAK BURKE A 560 FSL 660 FEL S2 SE SW WF WF 426
102 APACHE CORP 1-30 MASTERS
103 2324 GR WILDCAT
104 API 33 013 00765 00
105 SPUD 11/01/1976 COMP 11/24/1976 ROTARY D&A-OG
107 DTD 7250 FM/TO 351MDSN

06/08/78

PAGE 789

SUB FILE GEOTHERMAL LISTING

33 N 160 W 90 30 40101 DST 01 7080- 7145 351MDSN S002
40131 FINAL OP 1H IFF 799 FFP 1757 BHT 164F
33 N 160 W 91 5 10002 0487112110245502 0487077310245485
10010 013 00735273 5640050 910352SHRD 7500075
10021 TWP N 160 RGE W 91 SEC 5 055TH PRINCIPAL
101 NDAK BURKE A 1980 FSL 760 FEL W2 NE SE WF WF
102 MONKRIEF W A 5-1 LOEPP
103 2414 KB 2399 GR WILDCAT
104 API 33 013 00735 00
105 SPUD 09/08/1975 COMP 09/23/1975 ROTARY D&A-OG
107 DTD 7500 FM/TO 352SHRD
40101 DST 01 7063- 7217 353MIDL S002
40102 OVERLAPS 353CRLS 352RIVL 351STTA 3528LLL 352SHRD
40131 FINAL OP 2H IFF 278 FFP 735 BHT 172F

33 N 160 W 92 7 10002 0487004010262097 0486995410261932

06/08/78

PETROLEUM INFORMATION CORP

PAGE 789

SUB FILE GEOTHERMAL LISTING

33 N 160 W 90 30 40101 DST 01 7080- 7145 351MDSN S002
40131 FINAL OP 1M IFP 799 FFP 1757 BHT 164F

33 N 160 W 91 5 15002 0487117110245502 0487077310245485
10010 013 00735273 5640050 9103525HRD 7500075
10021 TWP N 160 RGE W 91 SEC 5 055TH PRINCIPAL
101 NDA BURKE A 1980 FSL 760 FEL W2 NE SE WF 427
102 MONCATEL W A 5-1 LORRAINE
103 2414 KB 2399 GR WILDCAT
104 API 33-013-00735 00
105 SPUD 09/08/1975 COMP 09/23/1975 ROTARY D&A-0
107 DTD 7500 FM/TO 352SHRD
40101 DST 01 7063- 7217 353MIDL S002
40102 OVERLAPS 353CLS 352RIVL 351STTA 3528LLL 352SHRD
40131 FINAL OP 2M IFP 278 FFP 735 BHT 172F

33 N 160 W 92 7 10002 0487004010262097 0486995410261932
10010 013 00737273 5640050 9113525HRD 7670075
10021 TWP N 160 RGE W 92 SEC 7 055TH PRINCIPAL
101 NDA BURKE A 1980 FSL 810 FEL E2 SW NE WF 428
102 MONCATEL W A 7-1 HEINMANN
103 2396 KB 2381 GR WILDCAT
104 API 33-013-00737 00
105 SPUD 09/29/1975 COMP 10/19/1975 ROTARY D&A-06
107 DTD 7670 FM/TO 352SHRD
40101 DST 01 7427- 7477 3528LLL S002
40102 OVERLAPS 353MIDL 352RIVL 7452
40131 FINAL OP 1M30M IFP 358 FFP 867 BHT 200F

33 N 160 W 92 21 10002 0486678910256327 0486676610256234
10010 013 00641273 1299050 911351MDSN 7545965
10021 TWP N 160 RGE W 92 SEC 21 055TH PRINCIPAL
101 NDA BURKE A 1980 FSL 810 FEL NE SE WF 429
102 CALVERT DRILG & PROD 1 EDWARDS
103 2355 KB 2344 GR WILDCAT
104 2364 ES 2355 GR P API 33-013-00641 00
105 SPUD 08/21/1965 COMP 09/13/1965 ROTARY D&A-06
107 DTD 7545 LTD 7545 FM/TO 351MDSN
40101 DST 01 7411- 7445 353MIDL S002
40131 FINAL OP 3H IFP 114 FFP 389 BHT 145F
40201 DST 02 7449- 7484 353N5SN S004
40231 FINAL OP 3H IFP 137 FFP 229

33 N 160 W 92 26 10002 0486505210251983 0486502610251871
10010 013 00661273 9999950 900359MSSP 7579K66
10021 TWP N 160 RGE W 92 SEC 26 055TH PRINCIPAL
101 NDA BURKE A 801 FSL 801 FEL SE SE WF 430
102 PEL-TEX & CONTINENTAL 1 EDWARDS
103 2380 KB 2369 GR WILDCAT
104 2376 ES 2369 GR P API 33-013-00661 00
105 SPUD 10/23/1966 COMP 11/09/1966 ROTARY D&A

37.9°c / ft

06/08/78

PETROLEUM INFORMATION CORP

PAGE 790

SUB FILE GEOTHERMAL LISTING

33 N 160 W 92 26 107 DTD 7575 LTD 7579 FM/TO 359MSSP
40101 DST 01 7388- 7412 353CLSLC 003
40131 FINAL OP 1M30M IFP 30 FFP 130 BHT 192F

33 N 160 W 92 29 10002 0486497910258512 0486492710258383
10010 013 00652273 1299050 911351MDSN 7630266
10021 TWP N 160 RGE W 92 SEC 29 055TH PRINCIPAL
101 NDA BURKE A 660 FSL 730 FEL SE SE WF
102 CALVERT DRILG & PROD 1 SUMMERS
103 2324 KB 2373 GR WILDCAT
104 2380 DF 2371 GR P API 33-013-00652 00
105 SPUD 12/31/1965 COMP 01/19/1966 ROTARY D&A-06
107 DTD 7630 FM/TO 351MDSN
40101 DST 01 7541- 7570 352MIDL 002
40131 FINAL OP 2M IFP 95.2 FFP 214.3 BHT 190F

SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

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PETROLEUM INFORMATION CORP

PAGE 790

33 N 160 W 92 26 107 DTD 7575 LTD 7579 7400 FM/TO 359MSSP
40101 DST 01 7388-7412 353CRLSC 003
40131 FINAL OP 1H30M IFF 30 FFP 130 BHT 192F

33 N 160 W 92 29 10002 0486497910258512 0486492710258383
10010 013 00652273 1299050 911351MDSN 7630266
10021 TWP N 160 RGE W 92 SEC 29 056TH PRINCIPAL
101 NDA (BURKE) A 660 FSL 730 FEL (SE SE) WF 431
102 CALVERT DRLO & PROD 1 SUMMERS
103 2384 KB 2373 GR WILDCAT
104 2380 DF 2371 GR P API 33-013- 00652 00
105 SPUD 12/31/1966 COMP 01/19/1966 ROTARY D&A-OG
107 DTD 7630 FM/TO 351MDSN
40101 DST 01 7641-7670 353MIDL 7556 002
40131 FINAL OP 2H IFF 95.2 FFP 214.3 BHT 190F
40201 DST 02 7575-7615 351MDSN 7595 S004
40231 FINAL OP 4H IFF 94.6 FFP 212.8 BHT 190F

36.2°C/hm

35.0°C/hm

33 N 160 W 94 5 10002 0487069810285269 0487077710285102
10010 013 00657273 88000 9999960 911353NSSN 7752866
10021 TWP N 160 RGE W 94 SEC 5 055TH PRINCIPAL
101 NDA (BURKE) A 660 FSL 1882 FEL (SW SE) D 432
102 GEOCHEMICAL SURVEYS I H E & R E SAITH
103 2379 KB 2369 GR VIKING
104 2375 DF 2367 GR P API 33-013- 00657 00
105 SPUD 06/26/1966 COMP 07/25/1966 ROTARY D&A-OG
107 LTD 7752 FM/TO 353NSSN
40101 DST 01 7674-7696 353MIDL 7685 S002
40131 FINAL OP 2H IFF 70 FFP 309 BHT 205F
40201 DST 02 7714-7728 353NSSN 7721 S003
40231 FINAL OP 1H IFF 107 FFP 510 BHT 218F

37.9°C/hm

40.8

33 N 160 W 95 1 10002 0487179110290486 0487181610290421
10010 023 00147273 80660 9486160 911351MDSN 7800377
10021 TWP N 160 RGE W 95 SEC 1 052TH PRINCIPAL
101 NDA (DIVIDE) A 760 FNL 660 FNL (S2 NW) D 433
102 HENNER PET I VER & SABELLE
103 2379 KB 2369 GR STONEVIEW
104 2373 DF 2363 GR P LSE NC API 33-023- 00147-00
105 SPUD 02/06/1977 COMP 03/02/1977 ROTARY D&A-OG
107 DTD 7800 FM/TO 351MDSN
40101 DST 01 7660-7660 353MIDL 7670 S002
40131 FINAL OP 2H IFF 92 FFP 138 BHT 205F

38.0°C/hm

33 N 160 W 95 3 10002 0487172110293362 0487168910293390
10010 023 60001273 80660 3782014 120203RDRV 302WPGS 12400273
10021 TWP N 160 RGE W 95 SEC 2 052TH PRINCIPAL
101 NDA (DIVIDE) A 1000 FNL 1025 FEL (SW NE) DO 434
102 HUNTER ETAL 1-A B-E-ERLSSON
103 2373 KB 2361 GR STONEVIEW
104 API 33 023 60001 00

06/08/78

PETROLEUM INFORMATION CORP

PAGE 791

33 N 160 W 95 3 105 SPUD 07/12/1972 COMP 01/16/1973 ROTARY 2 OIL
107 DTD 12400 FM/TO 203RDRV
20102 302WPGS PERF JET W/ 2/FT 10670-10682 013
20150 WTR
20202 203RDRV PERF JET W/ 2/FT 12072-12113 014
20250 WTR
40101 DST 01 8836- 8880 3518KKN S002
40110 GAS TS IN 50M 6-8 FT FLARE-15 FT
40131 FINAL OP 1H IFF 97 FFP 145 BHT 218F
40201 DST 02 8884- 8950 3518KKN 003
40231 FINAL OP 2H
40301 DST 03 9414- 9466 308DPRW S004
40331 FINAL OP 1H30M IFF 193 FFP 661
40401 DST 04 10680-10720 302WPGS CUSH 1902 S005
40410 GAS TS IN 1H17M BURNED 8-10 FT FLARE

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33 N 160 W 95 3 105 SPUD 07/12/1972 COMP 01/16/1973 ROTARY 2 OIL
107 OTO 12400 FM/TO 203RDRV
20102 302HPGS PERF JET W/ 2/FT 10670-10682 013
20150 WTR
20202 203RDRV PERF JET W/ 2/FT 12072-12113 014
20250 WTR
40101 DST 01 8836- 8880 351BKKN 8858 5002
40110 GAS TS IN 50M 6-8 FT FLARE-15 FT
40131 FINAL OP 1H IFF 97 FFP 145 BHT 218F
40201 DST 02 8884- 8950 351BKKN 003
40231 FINAL OP 2H
40301 DST 03 9414- 9466 306DPRW 5004
40331 FINAL OP 1H30M IFF 193 FFP 661
40401 DST 04 10680-10720 302HPGS CUSH 1902 5005
40410 GAS TS IN 1H17M BURNED 8-10 FT FLARE
40431 FINAL OP 2H IFF 924 FFP 1105 BHT 218F
40501 DST 05 10824-10880 259SLAN CUSH 2000 5006
40531 FINAL OP 2H IFF 870 FFP 918 BHT 230F
40601 DST 06 12096-12130 203RDRV CUSH 3324 5007
40631 FINAL OP 1H IFF 1768 FFP 1792 BHT 242F
40701 DST 07 12090-12205 203RDRV CUSH 3323 5008
40710 GAS TS IN 3H W/4-6 FT FLARE
40731 FINAL OP 2H IFF 5568 FFP 5521 BHT 244F
50102 203RDRV PERF 12064-12113 GROSS 010
50202 351BKKN PERF JET W/ 2/FT 8834- 8875 GROSS 011
50250 WTR
50302 302HPGS PERF JET W/ 2/FT 10670-10682 012
50350 BSHW

35.6 °C/hm

33 N 160 W 96 14 10002 0486828310304602 0486803310304453
10010 023 00136273 33640 9999960 911353NSSN 7900075
10021 THP N 160 RGE W 96 SEC 14 055TH PRINCIPAL
101 NDAK DIVIDE A 1980 FSL 1981 FNL N2 NW SE D 435
102 FILON
103 2328 KB 2314 GR HAWLEY NORTH
104 2320 DF 2314 GR P LSE NO API 33-023- 00136-00
105 SPUD 08/11/1975 COMP 09/01/1975 ROTARY D&A-OG
107 OTO 7900 LTD 7890 FM/TO 353NSSN
40101 DST 01 7816- 7842 353NSSN 5002
40131 FINAL OP 1H IFF 98 FFP 150 BHT 180F FAIR BLOW

33 N 160 W 97 19 10002 0486704310326902 0486680010326859
10010 023 00131273 92600 138001 911351STTA 8200376
10021 THP N 160 RGE W 97 SEC 19 055TH PRINCIPAL
101 NDAK DIVIDE A 2088 FNL 1777 FNL SW SE NW 40 436
102 CHAPMAN HILL
103 2308 KB 2295 GR WILD ROSE
104 API 33 023 00131 00
105 SPUD 12/28/1974 COMP 01/30/1975 ROTARY D&A-OG
107 OTO 8200 LTD 8200 FM/TO 351STTA
40101 DST 01 7980- 8000 353CRLS 003

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33 N 160 W 97 19 40131 FINAL OP 1H IFF 39 FFP 39 BHT 198F 5004
40201 DST 02 8088- 8140 353NSSN
40202 OVERLAPS 352RIVL
40231 FINAL OP 2H IFF 254 FFP 1056 BHT 202F

33 N 160 W 98 24 10002 0486639610327878 0486613410327757
10010 023 00141273 92600 8174010 900351MDSN 8254677
10021 THP N 160 RGE W 98 SEC 24 055TH PRINCIPAL
101 NDAK DIVIDE A 660 FSL 660 FEL C SE SE NW D
102 SOUTHERN UNION PROD 1 THVEDT
103 2330 GR WILD ROSE
104 API 33 023 00141 00
105 SPUD 03/27/1976 COMP 04/22/1976 ROTARY D&A
107 OTO 8254 FM/TO 351MDSN

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50272

33 N 160 W 97 19 40131 FINAL OP 1H IFF 39 FFP 39 BHT 198F 7990
40201 DST 02 8088- 8140 353N55N 5004
40202 OVERLAPS 352R1VL 8114
40231 FINAL OP 2H IFF 254 FFP 1056 BHT 202F

33 N 160 W 98 24 10002 0486639610327878 0486613410327757
10010 023 00141273 92600 8174010 900351MDSN 8254677
10021 TWP N 160 RGE W 98 SEC 24 055TH PRINCIPAL
101 NOK DIVIDE A 660 FSL 660 FEL C SE SE NO D 437
102 SOUTHERN UNION PROD 1 TWEED
103 2330 GR
104 WILD ROSE
105 SPUD 03/27/1976 COMP 04/22/1976 ROTARY API 33 023 00141 00
107 DTD 8254 FM/TO 351MDSN D&A
40101 DST 01 7996- 8036 353CRLS 8016 S002
40110 GAS TS IN OHISM NO GAUGE
40131 FINAL OP 3H IFF 108 FFP 151 BHT 194F

33 N 160 W 102 26 10002 0486869910382755 0486575710382658
10010 023 00118273 8900550 911354RCLF 7930271
10021 TWP N 160 RGE W 102 SEC 26 055TH PRINCIPAL
101 NOK DIVIDE A 1980 FNL 1980 FEL C SW NE WF 438
102 TEXACO INC 1 O M JOHNSON
103 2263 KB 2251 GR WILDCAT
104 2259 DF 2251 GR P LSE NO API 33-023- 00118-00
105 SPUD 08/29/1970 COMP 09/25/1970 ROTARY D&A-06
107 DTD 7930 FM/TO 354RCLF
40101 DST 01 4517- 4567 602MDDY MISRUN 002
40201 DST 02 4517- 4567 602MDDY 4542 S003
40231 FINAL OP 2H IFF 436 FFP 1030 BHT 142F
40301 DST 03 6680- 6705 402TYLR MISRUN 004
40401 DST 04 6680- 6705 402TYLR MISRIIN 005
40501 DST 05 7806- 7883 354RCLF 7844 S007
40531 FINAL OP 2H IFF 238 FFP 768 BHT 188F

33 N 161 W 76 1 10002 0487986410045988 0487978610045843
10010 009 01142273 6764350 900351LDGP 3250074
10021 TWP N 161 RGE W 76 SEC 1 055TH PRINCIPAL
101 NOK BITNEAU A 1980 FNL 1980 FNL C SE NW WF 439
102 PLACTO OH 1-6 STEWART
103 1570 GR WILDCAT
104 1578 DF 1570 GR P LSE NO API 33-009- 01142-00
105 SPUD 10/12/1974 COMP 10/18/1974 ROTARY D&A
107 DTD 3250 LTD 3248 FM/TO 351LDGP
40101 DST 01 3029- 3056 352MSNC 002
40102 OVERLAPS 351LDGP 3042
40131 FINAL OP 0435H IFF 195 FFP 472 BHT 108F

33 N 161 W 78 32 10002 0487319410079894 0487311110079784
10010 005 01257273 8060010852860 911351MDSN 3403J77
10021 TWP N 161 RGE W 78 SEC 32 055TH PRINCIPAL

33 N 161 W 78 32 101 NOK BITNEAU A 660 FNL 660 FEL C NE NE D D
102 LINDSAY ROBERT G 1 CHRISTIANSON
103 1460 KB 1450 GP STARBUCK SW
104 API 33 009 01257 00
105 SPUD 10/14/1977 COMP 10/21/1977 ROTARY C&A-06
107 DTD 3403 FM/TO 351MDSN
40101 DST 01 3322- 3348 359MSSP S002
40102 OVERLAPS 353MIDL
40131 FINAL OP 1H IFF 179 FFP 194 BHT 110F

33 N 161 W 78 35 10002 0487207510074925 0487214510074782
10010 009 00974273 80598 9999961 110359MSSP 353MIDL 3300670
10021 TWP N 161 RGE W 78 SEC 35 055TH PRINCIPAL
101 NOK BITNEAU A 660 FNL 660 FEL C SW SW D D

35.3°C/hm

38.9°C/hm

37.7°C/hm

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06/08/78

P E T R O L E U M I N F O R M A T I O N . C O R P

PAGE 793

SUB FILE GEOTHERMAL LISTING

33 N 161 W 78 32 101 NORA BTTNEAU A 660 FNL 660 FEL C NE ME D D 440
102 LINDSAY ROBERT G 1 CHRISTIANSON
103 1460 KB 1460 GR STARBUCK SW
104 API 33-009 01257 00
105 SPUD 10/14/1977 COMP 10/21/1977 ROTARY D&A-06
107 DTD 3403 FM/TO 351MDSN
40101 DST 01 3322- 3348 359MSSP 3335 S002
40102 OVERLAPS 353MIDL
40131 FINAL OP 1H IFF 179 FFP 194 BHT 110F

35.5° e/hm

33 N 161 W 78 35 10002 0487207510074925 0487214510074782
10010 009 00974273 80598 9999961 110359MSSP 353MIDL 3300670
10021 TWP N 161 RGE W 78 SEC 35 055TH PRINCIPAL
101 NORA BTTNEAU A 555 FSL 765 FNL C SW SW D 441
102 LUND VERN O ETAL 1 BRANGI
103 1473 KB STARBUCK S
104 API 33-009- 00974 00
105 SPUD 12/01/1969 COMP 05/18/1970 ROTARY OIL
107 DTD 3300 PB 3267 FM/TO 359MSSP
20102 353MIDL PERF JET W/ 3/FT 3241- 3260 GROSS 005
40101 DST 01 3237- 3262 353MIDL 3250 S002
40131 FINAL OP 2H IFF 113 FFP 299 BHT 106F
50102 353MIDL PERF JET W/ 3/FT 3241- 3260 GROSS 004

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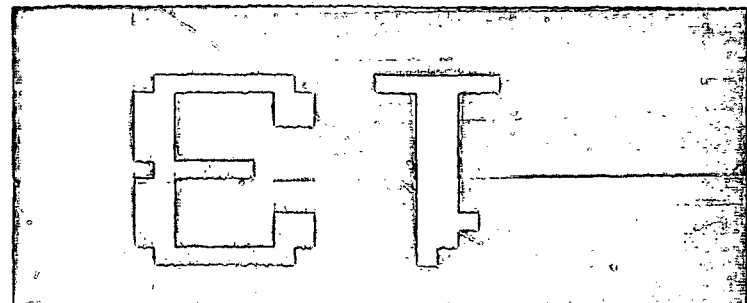
33 N 161 W 79 19 10002 0487573810095232 0487563910095233
10010 009 01256273 57300 9657010 900359MSSP 3510378
10021 TWP N 161 RGE W 79 SEC 19 055TH PRINCIPAL
101 NORA BTTNEAU A 1980 FNL 660 FEL C SE NE D 442
102 WISER OIL 1 ROMEO ANDERSON
103 1483 KB 1472 GR NEWBURG
104 API 33-009 01256 00
105 SPUD 01/07/1978 COMP 01/14/1978 ROTARY D&A
107 DTD 3510 FM/TO 359MSSP
40101 DST 01 3435- 3465 501SPRF 003
40131 FINAL OP 1H IFF 422 FFP 690 BHT 92F

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33 N 161 W 79 20 10002 0487503610094163 0487493810094221
10010 009 01084273 57300 110560 910351MDSN 3525972
10021 TWP N 161 RGE W 79 SEC 20 055TH PRINCIPAL
101 NORA BTTNEAU A 660 FSL 1880 FNL SE SW D 443
102 AMERADA WESS J-706 N SPEYER UNIT
103 1489 KB 1480 GR NEWBURG
104 1486 OF 1478 GR P LSE NO. API 33-009- 01084-00
105 SPUD 05/18/1972 COMP 07/02/1972 ROTARY D&A-0
107 DTD 3525 FM/TO 351MDSN
40101 DST 01 3420- 3456 501SPRF 3438 S002
40131 FINAL OP 1H IFF 149 FFP 297 BHT 112F
50102 501SPRF PERF JET W/ 2/FT 3424- 3442 004
50202 501SPRF PERF JET W/ 2/FT 3424- 3442 005
50302 501SPRF PERF JET W/ 2/FT 3424- 3442 006
50402 501SPRF PERF JET W/ 2/FT 3424- 3442 007

35.5° e/hm

RH	INDEX
A	33 N 159 W 102 15
B	33 N 160 W 78 5
C	33 N 160 W 79 10
D	33 N 160 W 83 17
E	33 N 160 W 83 27
F	33 N 160 W 84 21
G	33 N 160 W 85 15
H	33 N 160 W 85 27
I	33 N 160 W 90 30
J	33 N 160 W 92 26
K	33 N 160 W 95 3
L	33 N 160 W 97 19
M	33 N 161 W 78 32



06/08/78

PAGE 794

SUB FILE GEOTHERMAL LISTING

33 N 161 W 79 20 50502 501SPRF PERF NOTCH 3429- 3440 GROSS 008

33 N 161 W 79 26 10002 009 01086273 57300 048745510087518 0487458610087587
10010 TWP N 161 RGE W 79 SEC 26 055TH PRINCIPAL 3470972
10021 NDAR BTNEAU A 660 FNL 1980 FSL C NE NW DO 444
101 AMERADA PRESS X-705 NSP/CH UNIT
102 1473 KB 1464 GR NEWBURG
103 1473 DF 1468 GR P LSE NO API 33-009- 01086-00
104 SPUD 06/17/1972 COMP 07/25/1972 ROTARY OIL
105 DTD 3470 FM/TO 353MIDL
106 359MSSP PERF W/ 2/FT 3330- 3374 GROSS 011
40101 DST 01 3330- 3390 359MSSP 3260 S002
40110 GAS TS IN 20M NO GAUGE
40131 FINAL OP 1H IFP 334 FFP 628 BHT 112F
50102 359MSSP PERF JET W/ 2/FT 3330- 3374 GROSS 004
50202 359MSSP PERF NOTCH 3332- 3367 GROSS 005
50302 359MSSP PERF W/ 2/FT 3330- 3374 GROSS 006
50402 359MSSP PERF W/ 2/FT 3330- 3374 GROSS 007
50502 359MSSP PERF W/ 2/FT 3330- 3374 GROSS 008
50602 359MSSP PERF W/ 2/FT 3330- 3374 GROSS 009
50702 359MSSP PERF W/ 2/FT 3330- 3374 GROSS 010

36.3°C/hm

33 N 161 W 79 26 10002 009 01083273 57300 0487467210091314 0487468110091381

10010 TWP N 161 RGE W 79 SEC 28 055TH PRINCIPAL 3523972
10021 NDAR BTNEAU A 660 FNL 1880 FEL NH NE DO 445
101 AMERADA PRESS 0-705 NSP/CH UNIT
102 1474 KB 1465 GR NEWBURG
103 1473 DF 1465 GR P LSE NO API 33-009- 01083-00
104 SPUD 06/08/1972 COMP 07/25/1972 ROTARY OIL
105 DTD 3523 PB 3483 FM/TO 359MSSP
106 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 014
20102 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 014
40101 DST 01 3390- 3440 501SPRF 3415 S002
40131 FINAL OP 1H IFP 147 FFP 306 BHT 110F
50102 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 004
50202 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 005
50302 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 006
50402 501SPRF PERF JET W/ 2/FT 3394- 3414 GROSS 007
50502 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 008
50602 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 009
50702 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 010
50802 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 011
50902 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 012
51002 501SPRF PERF JET W/ 2/FT 3392- 3418 GROSS 013

33 N 161 W 80 1 10302 009 01014273 57300 0487974210097445 0487978210097457

10010 TWP N 161 RGE W 80 SEC 1 055TH PRINCIPAL 5914170
10021 NDAR BTNEAU A 1980 FSL 660 FEL C NE SE DO 446
101 GENERAL AMERICAN OIL 1-1 1-HENRY 761-80/
102

06/08/78

PAGE 795

SUB FILE GEOTHERMAL LISTING

33 N 161 W 80 1 103 1488 KB 1476 GR NEWBURG

104 1493 DF 1485 GR P LSE NO API 33-009- 01014-00
105 SPUD 07/13/1969 COMP 08/04/1969 ROTARY D&A-0
106 DTD 5908 LTD 5914 FM/TO 2511RLK
107 40101 DST 01 4638- 4664 306NSKU 002
40131 FINAL OP 2H IFP 217 FFP 1525 BHT 150F
40201 DST 02 4782- 4801 306DPRW S003
40231 FINAL OP 1H IFP 38 FFP 38 BHT 125F
40301 DST 03 4855- 4886 306DPRW S004
40331 FINAL OP 2H IFP 66 FFP 461 BHT 130F
40401 DST 04 5853- 5913 2511RLK S005
40431 FINAL OP 2H IFP 983 FFP 2830 BHT 146F

06/08/78

PETROLEUM INFORMATION CORP

PAGE 795

SUB FILE GEOTHERMAL LISTING

33 N 161 W 80 1 103 1488 KB 1476 GR NEUBURG
 104 1493 OF 1485 GR P LSE NO API 33-009- 01014-00
 105 SPUD 07/13/1969 COMP 08/04/1969 ROTARY D&A-0
 107 DTD 5908 LTD 5914 FM/TO 2511RLK
 40101 DST 01 4638-4664 306NSKU 4651 002
 40131 FINAL OP 2H IFP 217 FFP 1525 BHT 150F
 40201 DST 02 4782-4801 306DPRW 5003
 40231 FINAL OP 1H IFP 38 FFP 38 BHT 125F
 40301 DST 03 4855-4886 306DPRW 5004
 40331 FINAL OP 2H IFP 66 FFP 461 BHT 130F
 40401 DST 04 5853-5913 2511RLK 5005
 40431 FINAL OP 2H IFP 983 FFP 2830 BHT 146F

41.1°C/ft

33 N 161 W 81 2 10002 0488041710112713 0488041810112633
 10010 009 01055273 9120550 9002511RLK 6205870
 10021 TWP N 161 RGE W 81 SEC 2 055TH PRINCIPAL
 101 NOK BITTNEAU A 660 FNL 660 FEL NE NE 40' WF 447
 102 UNION OIL OF CALIFORNIA 1-A-2 HUBER
 103 1514 KB 1504 GR P LSE NO WILDCAT
 104 1512 OF 1504 GR P LSE NO API 33-009- 01055-00
 105 SPUD 06/26/1970 COMP 07/26/1970 ROTARY D&A
 107 DTD 6205 FM/TO 2511RLK
 40101 DST 01 5895-6019 302WPGS 002
 40131 FINAL OP 2H IFP 2760 FFP 2811 BHT 146F

33 N 161 W 81 15 10002 0487685710115962 0487687610115906
 10010 009 01044273 52575 2949830 9112511RLK 6336470
 10021 TWP N 161 RGE W 81 SEC 15 055TH PRINCIPAL
 101 NOK BITTNEAU A 2140 FSL 2140 FNL NE NE SW 40' WD 448
 102 GENERAL AMERICAN OIL 1-15 SPARKER
 103 1511 KB 1499 GR MAXBASS N
 104 1514 OF 1505 GR P LSE NO API 33-009- 01044-00
 105 SPUD 01/06/1970 COMP 02/04/1970 ROTARY D&A-06
 107 DTD 6336 FM/TO 2511RLK
 40101 DST 01 4009-4024 352MSNC 4016 5002
 40131 FINAL OP 2H30M IFP 59 FFP 159 BHT 155F
 40201 DST 02 5018-5040 306NSKU 004
 40231 FINAL OP 2H IFP 66 FFP 306 BHT 139F

49.9°C/ft

33 N 161 W 82 33 10002 0487321010130309 0487328910130338
 10010 009 00925273 93000 8880510 911352MSNC 4266366
 10021 TWP N 161 RGE W 82 SEC 33 055TH PRINCIPAL
 101 NOK BITTNEAU A 660 FNL 660 FEL NE NE 40' WD 449
 102 TENNECO OIL 1 SAVELKOL
 103 1544 KB 1534 GR WILEY
 104 1540 ES 1534 GR P LSE NO 866 API 33-009- 00925-00
 105 SPUD 02/22/1966 COMP 03/03/1966 ROTARY D&A-06
 107 DTD 4266 FM/TO 352MSNC
 40101 DST 01 4214-4226 352MSNC 4220 5002
 40131 FINAL OP 1H IFP 18 FFP 37 BHT 134F
 40201 DST 02 4236-4266 352MSNC 5003

38.1°C/ft

06/08/78

PETROLEUM INFORMATION CORP

PAGE 796

SUB FILE GEOTHERMAL LISTING

33 N 161 W 82 33 40231 FINAL OP 1H IFP 56 FFP 452
 33 N 161 W 83 6 10002 0487961510148764 0487989110148775
 10010 009 00947273 56500 6973761 110352MSNC 352MSNC 4525265
 10021 TWP N 161 RGE W 83 SEC 6 055TH PRINCIPAL
 101 NOK BITTNEAU A 1980 FSL 1980 FNL NE SW 40' DO
 102 QUINTANA PETROLEUM 1 GAIL HUTTON
 103 1620 KB 1610 GR MOHALL
 104 1617 ES 1629 GR P LSE NO 392 API 33-009- 00847-00
 105 SPUD 12/15/1964 COMP 01/10/1965 ROTARY OIL
 107 DTD 4525 LTD 4514 PB 4489 FM/TO 352MSNC
 20102 352MSNC PERF JET W/ 4/FT 4436-4442
 20103 352MSNC PERF AJET W/ 1/FT 4432-4442 GROSS 005
 40101 DST 01 4424-4447 351MSN 5003
 40110 GAS TS IN 15M 1-3 FT FLARE

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33 N 161 W 82 33 40231 FINAL OP 1H IFF 56 FFP 452
33 N 161 W 83 6 10002 0487961510148764 04879891101403775
10010 009 00847273 56500 6973761 110352MSNC 352MSNC 4525265
10021 TWP N 161 RGE W 83 SEC 6 055TH PRINCIPAL
101 NOAK BTTNERAU A 1980 FSL 1980 FNL NE SW D 00 450
102 QUINTANA-PETROLEUM 1 GAIL HUTTON
103 1620 NB 1610 GR MOHALL
104 1617 ES 1609 GR P LSE NO 992 API 33-009- 00847 00
105 SPUD 12/15/1964 COMP 01/10/1965 ROTARY OIL
107 DTD 4525 LTD 4514 PB 4489 FM/TO 352MSNC
20102 352MSNC PERF JET W/ 4/FT 4436- 4442
20103 352MSNC PERF AJET W/ 1/FT 4432- 4442 GROSS 005
40101 DST 01 4424- 4447 351MSDN 4436 S003
40110 GAS TS IN 15M 1-3 FT FLARE
40131 FINAL OP 4H IFF 162 FFP 1027 BHT 134F

36.6 °C/hr

33 N 161 W 83 6 10002 0488048610148804 0488047510148975
10010 009 00862273 56500 7990561 110351STTA 352MSNC 4500372
10021 TWP N 161 RGE W 83 SEC 6 055TH PRINCIPAL
101 NOAK BTTNERAU A 660 FNL 1980 FNL NE NW D 00 451
102 SKELLY OIL 1 GAIL HUTTON
103 1615 KB 1605 GR MOHALL
104 API 33-009- 00862 00
105 SPUD 01/03/1965 COMP 03/24/1965 ROTARY OIL
107 DTD 4500 PA 4476 FM/TO 351STTA
20102 352MSNC PERF W/ 2/FT 4412- 4431 011
40101 DST 01 STRD 4397- 4430 352MSNC MISRUNS003
40110 GAS TS IN 10M NO GAUGE
40131 FINAL OP 0M30M IFF 845 FFP 1173 BHT 110F
50102 352MSNC PERF W/ 2/FT 4413- 4431 005
50202 352MSNC PERF 4413- 4431 006
50302 352MSNC PERF 4413- 4431 007
50402 352MSNC PERF 4413- 4431 008
50502 352MSNC PERF 4413- 4431 009
50602 352MSNC PERF 4413- 4431 010

33 N 161 W 85 4 10002 0487977510170189 0487972610170121
10010 075 00610273 49900 7281061 110351MSDN 352SHRD 4972376
10021 TWP N 161 RGE W 85 SEC 9 055TH PRINCIPAL
101 NOAK PENVILLE A 1980 FSL 1980 FEL C NW SW D 00 452
102 KOCH EXPL 10-4 HAARSAGER
103 1750 GR LITTLE DEEP CREEK
104 API 33 075 00610 00
105 SPUD 10/15/1975 COMP 01/02/1976 ROTARY OIL
107 DTD 4972 FM/TO 351MSDN
20102 352SHRD PERF 4962- 4971 005
20150 WTR
40101 DST 01 4928- 4956 352SHRD 4942 S002
40131 FINAL OP 2H 0M IFF 75 FFP 103 BHT 144F
40201 DST 02 4958- 4971 352SHRD S003

36.5 °C/hr

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 797

SUB FILE GEOTHERMAL LISTING

D 14

4964

33 N 161 W 85 4 40231 FINAL OP 2H30M IFF 111 FFP 195 BHT 145F

33 N 161 W 85 9 10002 0487869710169548 0487867510169546
 10010 075 00573273 49900 7281061 110352SHRD 352SHRD 4965577
 10021 TWP N 161 RGE W 85 SEC 9 055TH PRINCIPAL
 101 NDAK RENVILLE A 1980 FNL 660 FFL C SF NEED DO 453
 102 KOCH EXPLORATION 8-9 ENGBRETTSON ETAL
 103 1760 KB 1749 GR LITTLE DEEP CREEK
 104 1754 DF 1748 P API 33 075 00573 00
 105 SPUD 03/02/1975 COMP 05/27/1975 ROTARY OIL
 107 DTD 4965 PB 4964 FM/TO 352SHRD
 20102 352SHRD PERF W/ 4/FT 4924- 4950 004
 40101 DST 01 4918- 4958 352SHRD 5002
 40131 FINAL OP 2H IFF 94 FFP 226 BHT 136F

33 N 161 W 85 10 10002 0487905010169076 0487904610169036
 10010 075 00558273 99999 4533751 110352SHRD 352SHRD 4960375
 10021 TWP N 161 RGE W 85 SEC 10 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 660 FFL C NW NW WF 454
 102 KISSINGER PETROLEUM 4-10 KOCH-HAARSAGER
 103 1748 GR UNNAMED
 104 1758 DF 1750 GR P LSE NO API 33-075- 00558-00
 105 SPUD 11/30/1974 COMP 02/06/1975 ROTARY OIL
 107 DTD 4960 PB 4932 FM/TO 352SHRD
 20102 352SHRD PERF JET W/ 4/FT 4881- 4904 006
 40101 DST 01 4880- 4947 352SHRD 4914 5002
 40131 FINAL OP 1H IFF 419 FFP 431 BHT 147F
 50102 352SHRD PERF JET W/ 4/FT 4881- 4904 005

33 N 161 W 85 14 10002 0487635810166210 0487644010166161
 10010 075 00712273 3779050 911359MSSP 4980077
 10021 TWP N 161 RGE W 85 SEC 14 055TH PRINCIPAL
 101 NDAK RENVILLE A 585 FSL 2055 FFL SE SE SW WF 455
 102 HUNT CAROLYN TRUST 1 SANDBERG-SELB
 103 1741 GR WILCOAT
 104 API 33 075 00712 00
 105 SPUD 06/02/1977 COMP 08/19/1977 ROTARY D&A-06
 107 DTD 4980 PB 4909 FM/TO 359MSSP
 40101 DST 01 4898- 4920 352SHRD 4909 5002
 40131 FINAL OP 1H IFF 85 FFP 141 BHT 148F
 50102 352SHRD PERF 4904- 4918 GROSS 004

33 N 161 W 86 16 10002 0487760910184271 0487758910184465
 10010 075 00296273 86000 1371360 910352SHRD 5412466
 10021 TWP N 161 RGE W 86 SEC 16 055TH PRINCIPAL
 101 NDAK RENVILLE A 660 FNL 660 FFL NW NW D D 456
 102 CHANDLER & ASSOCIATES 1 SWENSON
 103 1828 KB 1831 GR TOLLEY
 104 1836 DF 1831 GR P LSE NO 792 API 33-075- 00296-00
 105 SPUD 06/20/1965 COMP 03/29/1966 ROTARY REDRILL D&A-0
 107 LTD 5412 PB 5323 OTD 5311 FM/TO 352SHRD

36.7°C/km

37.8°C/km

38.2°C/km

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 798

SUB FILE GEOTHERMAL LISTING

E 14

33 N 161 W 86 16 40101 DST 01 5294- 5309 352SHRD MISRUN 001
 40201 DST 02 5294- 5309 352SHRD 5002
 40210 GAS TS IN 22M
 40231 FINAL OP 1H30M IFF 430 FFP 1514 BHT 155F
 50102 352SHRD PERF JET W/ 4/FT 5307- 5309 005
 50202 352SHRD PERF 5307- 5309 006
 50302 352SHRD PERF 5307- 5309 007
 50350 SWTP WS 254661PPM TOT PH 5.5

33 N 161 W 86 18 10002 0487723710188202 0487722610188139
 10010 075 00721273 4533750 911352SHRD 5440377
 10021 TWP N 161 RGE W 86 SEC 18 055TH PRINCIPAL
 101 NDAK RENVILLE A 1980 FNL 1950 FFL W2 SE NW WF
 102 KISSINGER PET 6-18 LAUMB

288
1672
WF
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06/08/78

PETROLEUM INFORMATION CORP

PAGE 798

SUB FILE GEOTHERMAL LISTING

33 N 161 W 86 16 40101 DST 01 5294- 5309 352SHRD MISRUN 001
40201 DST 02 5294- 5309 352SHRD 5002
40210 GAS TS IN 22M 5302
40231 FINAL OP 1H30M IFF 430 FFP 1514 BHT 155F
50102 352SHRD PERF JET W 4 FT 5307- 5309 005
50202 352SHRD PERF 5307- 5309 006
50302 352SHRD PERF 5307- 5309 007
50350 SHTR WS 254661PPM TOT PH 5.5

37.8 °C / km

33 N 161 W 86 18 10002 0487723710188202 0487722610188139
10010 075 00721273 4533750 911352SHRD 5440J77
10021 TWP N 161 RGE W 86 SEC 18 055TH PRINCIPAL
101 NOK RENVILLE A 1980 FNL 1950 FHL W2 SE NW WF 457
102 KISSINGER ETAL 6-18 LABMS
103 1851 KB 1840 GR WILDCAT
104 1848 DE 1840 GR P LSE NO API 33-075- 00721-00
105 SPUD 09/13/1977 COMP 09/25/1977 ROTARY D&A-06
107 DTD 5440 FM/TO 352SHRD
40101 DST 01 5354- 5372 352SHRD 5363 5003
40131 FINAL OP 1H IFF 386 FFP 1070 BHT 151F
40201 DST 02 STRD 5356- 5368 352SHRD 5362 5004
40231 FINAL OP 1H30M IFF 290 FFP 1145 BHT 150F

36.0 °C / km

35.7

33 N 161 W 87 4 10002 0487941010196831 0487939510196798
10010 075 00638273 3411450 911353MHLL 5631478
10021 TWP N 161 RGE W 87 SEC 4 055TH PRINCIPAL
101 NOK RENVILLE A 660 FSL 1980 FHL C SE SW WF 458
102 HAWK BROS ETAL 1 HUBER
103 1881 KB 1872 GR WILDCAT
104 1872 P API 33 075 00638 00
105 SPUD 02/18/1976 COMP 02/23/1976 ROTARY D&A-06
107 DTD 5631 FM/TO 353MHLL
40101 DST 01 5504- 5534 352SHRD 5002
40102 OVERLAPS 351STTR
40110 GAS TS IN 10M /NO GAUGE/
40131 FINAL OP 1H IFF 816 FFP 1732 BHT 144F

33 N 161 W 87 4 10002 0487978510196367 0487976010196355
10010 075 00658273 3411450 911359MSSP 5517977
10021 TWP N 161 RGE W 87 SEC 4 055TH PRINCIPAL
101 NOK RENVILLE A 1980 FSL 1980 FHL C NE SE WF 459
102 HAWK BROS ETAL 1 JACOBSON
103 1881 KB 1871 GR WILDCAT
104 1879 DE 1871 P API 33 075 00658 00
105 SPUD 03/19/1976 COMP 03/24/1976 ROTARY D&A-06
107 DTD 5517 FM/TO 359MSSP
40101 DST 01 5494- 5517 352SHRD 5002
40110 GAS TS IN 12M /NO GAUGE/
40111 OIL TS IN 25M /NO GAUGE/
40131 FINAL OP 1H IFF 1593 FFP 2235 BHT 142F

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06/08/78

PETROLEUM INFORMATION CORP

PAGE 799

SUB FILE GEOTHERMAL LISTING

33 N 161 W 87 13 10002 0487687110190324 0487683510190328
10010 075 00697273 641650 900351MDSH 5590377
10021 TWP N 161 RGE W 87 SEC 13 055TH PRINCIPAL
101 NOK RENVILLE A 1980 FSL 1980 FHL C NE SW WF
102 BILLS DON ETAL 1 EDITH BREKHUS
103 1845 GR WILDCAT
104 API 33 075 00697 00
105 SPUD 01/06/1977 COMP 01/20/1977 ROTARY D&A
107 DTD 5590 FM/TO 351MDSH
40101 DST 01 5424- 5448 352SHRD 002
40131 FINAL OP 1H IFF 1691 FFP 2405 BHT 164F

33 N 161 W 87 13 10002 0487722210189231 0487719010189194
10010 075 00710273 4533750 911351MDSH 5440J77

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33 N 161 W 87 13 10002 0487687110190324 0487683510190328
10010 075 00697273 641650 900351MDSN 5590377
10021 TWP N 161 RGE W 87 SEC 13 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FSL 1980 FEL C SW NE WF 460
102 BILLS DON ETAL 1 EDITH BREKROS
103 1845 GR WILDCAT
104 API 33 075 00697 00
105 SPUD 01/06/1977 COMP 01/20/1977 ROTARY D&A
107 DTD 5590 FM/TO 351MDSN
40101 DST 01 5424- 5448 352SHRD 5436 002
40131 FINAL OP 1H IFF 1651 FFP 2405 BHT 164F

39.9 °C / km

33 N 161 W 87 13 10002 0487722210189231 0487719010189194
10010 075 00710273 4533750 911351MDSN 5450K77
10021 TWP N 161 RGE W 87 SEC 13 055TH PRINCIPAL
101 NDAK RENVILLE A 1980 FNL 660 FEL C SE NE WF 461
102 KISSINGER ETAL 8-13 PETERSON
103 1845 KB 1834 GR WILDCAT
104 API 33 075 00710 00
105 SPUD 06/08/1977 COMP 06/20/1977 ROTARY D&A-OG
107 DTD 5450 LTD 5449 FM/TO 351MDSN
40101 DST 01 STRD 5368- 5386 352SHRD S003
40110 GAS TS IN 0440M /NO GAUGE/ O
40131 FINAL OP 1H30M IFF 170 FFP 755 BHT 144F
40201 DST 02 STRD 5358- 5373 351STTA S004
40202 OVERLAPS 352SHRD
40231 FINAL OP 1H30M IFF 24 FFP 53 BHT 144F O

33 N 161 W 90 6 10002 0487950710240083 0487955810240100
10010 013 00697273 27276 3411060 911351MDSN 6235668
10021 TWP N 161 RGE W 90 SEC 6 055TH PRINCIPAL
101 NDAK BURKE A 660 FSL 1980 FEL C SW SE D 462
102 MAHLEY J B TRUST 1 JENSEN
103 1979 KB 1967 GR Foothills NE
104 1977 DF 1967 GP API 33-013- 00697 00
105 SPUD 04/30/1968 COMP 05/09/1968 ROTARY D&A-OG
107 DTD 6235 LTD 6234 FM/TO 351MDSN
40101 DST 01 6168- 6196 353MIDL S002
40110 GAS TS IN 45M
40131 FINAL OP 1H IFF 51 FFP 90 BHT 156F O

33 N 161 W 90 6 10002 0488017310239543 0488026510240068
10010 013 00714273 27276 3411060 911352FIVL 6171J69
10021 TWP N 161 RGE W 90 SEC 6 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 1980 FEL C SW NE D 463
102 MAHLEY J B 2 GLADYS SCHWARTZ
103 1965 KB 1953 GR FOOT HILLS NE
104 API 33-013- 00714 00
105 SPUD 11/07/1969 COMP 11/18/1969 ROTARY D&A-OG
107 DTD 6166 LTD 6171 FM/TO 352FIVL
40101 DST 01 6123- 6143 353MIDL S002

33 N 161 W 90 6 40131 FINAL OP 2H IFF 67 FFP 89 BHT 155F
33 N 161 W 90 7 10002 0487878210240090 0487882910240077
10010 013 00699273 6045050 9113060PPW 7977J68
10021 TWP N 161 RGE W 90 SEC 7 055TH PRINCIPAL
101 NDAK BURKE A 1980 FNL 1980 FEL C SW NE WF
102 NORTHERN PUMP 1 LOUIS PETERSON
103 1975 R 9 1965 GR WILDCAT
104 1975 DF 1967 GR P LSE NO API 33-013- 00699-00
105 SPUD 09/30/1968 COMP 10/28/1968 ROTARY D&A-OG
107 DTD 7975 LTD 7977 FM/TO 3060PPW
40101 DST 01 6198- 6236 351MDSN S002
40131 FINAL OP 2H IFF 14 FFP 18 BHT 126F

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION, C O P P

PAGE 800

SUB FILE GEOTHERMAL LISTING

33 N 161 W 90 6 40131 FINAL OP 2H IFF 67 FFP 89 BHT 155F
 33 N 161 W 90 7 10002 0487878210240090 0487882910240077
 10010 013 00699273 27276 3411061 110351STTA 353MIDL 6320J68
 10021 TWP N 161 RGE W 90 SEC 7 055TH PRINCIPAL
 101 NDAK BURKE A 1980 FNL 1980 FEL C SW NE WF WF 464
 102 NORTHMAN PUMP 1 LOUIS PETERSON
 103 1975 KB 1965 GR HILOCAT
 104 1975 DF 1967 GR P LSE NO API 33-011- 00699-00
 105 SPUD 09/30/1968 COMP 10/28/1968 ROTARY OIL
 107 DTD 7975 LTD 7977 FM/TO 306DPRW
 40101 DST O1 6198- 6236 351MDSN S002
 40131 FINAL OP 2H IFF 14 FFP 18 BHT 126F
 40201 DST O2 7490- 7552 351BKKN 005
 40231 FINAL OP 1H IFF 85 FFP 85

33 N 161 W 91 1 10002 0488018910242264 048802710242246
 10010 013 00700273 27276 3411061 110351STTA 353MIDL 6320J68
 10021 TWP N 161 RGE W 91 SEC 1 055TH PRINCIPAL
 101 NDAK BURKE A 1980 FNL 1980 FEL C SW NE D DO 465
 102 HAWLEY JOHN B TRUST 2 RYKREN
 103 1968 KB 1968 GR Foothills NE
 104 1967 DF 1967 GR P API 33-013- 00700 00
 105 SPUD 09/04/1968 COMP 11/10/1968 ROTARY OIL
 107 DTD 6320 LTD 6308 PB 6308 FM/TO 351STTA
 20102 353MIDL PERF 6231- 6244 GROSS 005
 40101 DST O1 6236- 6264 353MIDL S002
 40131 FINAL OP 1H IFF 110 FFP 130 BHT 162F
 50102 353MIDL PERF W/ 4 FT 6231- 6244 004

33 N 161 W 91 2 10002 0487946910244490 0487949210244558
 10010 013 00689273 27276 3411061 110351MDSN 353MIDL 6395368
 10021 TWP N 161 RGE W 91 SEC 2 055TH PRINCIPAL
 101 NDAK BURKE A 500 FNL 1980 FEL C SW SE D DO 466
 102 HAWLEY JOHN B TRUST 1 FLORENCE INGERSON
 103 1977 KB 1965 GR Foothills NE
 104 1977 ES 1967 GR P API 33-013- 00689 00
 105 SPUD 01/19/1968 COMP 02/26/1968 ROTARY OIL
 107 DTD 6395 FM/TO 351MDSN
 20102 353MIDL PERF JET W/ 2/FT 6316- 6330 007
 40101 DST O1 6326- 6342 353MIDL S002
 40102 OVERLAPS 352RIVL
 40110 GAS TS IN 1H34M 4-6 FT FLARE
 40131 FINAL OP 0M55M IFF 139 FFP 165 BHT 164F
 50102 353MIDL PERF JET W/ 2/FT 6316- 6330 004
 50202 353MIDL PERF JET W/ 2/FT 6316- 6330 005
 50302 353MIDL PERF JET W/ 2/FT 6316- 6330 006

33 N 161 W 91 2 10002 0488019510244464 0488027410244458
 10010 013 00715273 27276 3411031 110306DPRW 353MIDL 7980070
 10021 TWP N 161 RGE W 91 SEC 2 055TH PRINCIPAL

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION, C O R P

PAGE 801

SUB FILE GEOTHERMAL LISTING

33 N 161 W 91 2 101 NDAK BURKE A 1980 FNL 1980 FEL C SW NE WD DO
 102 HAWLEY JOHN B TRUST 2 FLORENCE INGERSON
 103 1973 KB 1961 GR Foothills NE
 104 1971 DF 1963 GR P API 33-013- 00715 00
 105 SPUD 08/31/1970 COMP 10/05/1970 ROTARY OIL
 107 DTD 7980 PB 6500 FM/TO 306DPRW
 20102 353MIDL PERF JET W/ 2/FT 6292- 6308 GROSS 004
 40101 DST O1 6293- 6314 353MIDL S002
 40110 GAS TS IN 10M NOT GAUGED
 40131 FINAL OP 1H IFF 141 FFP 219 BHT 159F

33 N 161 W 91 2 10002 0488020210245554 0488027710245526
 10010 013 00717273 27276 3411061 110351STTA 353MIDL 7980070
 10021 TWP N 161 RGE W 91 SEC 2 055TH PRINCIPAL

SUB FILE GEOTHERMAL LISTING

00179-00
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S004

13810344224
11260K77
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D 306DPRH
S002
S003

146-300

28610353974
SN 960C476
INCIPAL
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ON NORTHERN
N RANCH
17 00177 00
OIL
D 353FRBG
17 007

HTR S002

HTR S003

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SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

33 N 140 W 96 15

10002 0469440510278404 0469440810278386
10010 089 00106273 16300 1310060 910402TYLR 7973871
10021 TWP N 140 RGE W 96 SEC 15 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 660 FWL C SH NW D
102 CARDINAL PETROLEUM 5-15 KAORHAS ETAL
103 2518 KB 2507 GR DICKINSON
104 2515 DF 2507 GR P LSE NO API 33-089- 00106-00
105 SPU0 07/18/1971 COMP 08/06/1971 ROTARY O&A-O
107 LTD 7973 FM/TO 402TYLR
40101 DST 01 7900- 7940 402TYLR S002
40131 FINAL OP 3H IFF 91 FFP 227 BHT 175F

146

33 N 140 W 96 15

10002 0469385710278189 0469387810278113
10010 089 00121273 16300 1310060 911402TYLR 8000071
10021 TWP N 140 RGE W 96 SEC 15 055TH PRINCIPAL
101 NDAK STARK A 1320 FSL 1320 FWL C SH D
102 CARDINAL PETROLEUM 15X KWALICEK-KAORHAS
103 2572 KB 2561 GR DICKINSON
104 2568 DF 2560 GR P API 33-089- 00121 00
105 SPU0 09/14/1971 COMP 09/29/1971 ROTARY O&A-OG
107 OTD 8000 LTD 7994 FM/TO 402TYLR
40101 DST 01 7934- 7974 402TYLR S002
40131 FINAL OP 3H IFF 73 FFP 136 BHT 184F

147

33 N 140 W 96 23

10002 0469227110275308 0469226410275203
10010 089 00059273 1670550 910354METH 7975067
10021 TWP N 140 RGE W 96 SEC 23 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 1980 FWL C SH SE WF WF
102 CONTINENTAL OIL 1 JILEK-RTDL
103 2575 KB 2562 GR WILDCAT
104 2572 ES 2562 GR P API 33-089- 00059 00
105 SPU0 10/10/1967 COMP 10/23/1967 ROTARY O&A-O
107 OTD 7975 FM/TO 354METH
40101 DST 01 7865- 7922 354METH 7894 S003
40131 FINAL OP 1H IFF 34 FFP 2204 BHT 200F

148

35.8 °C/m

33 N 140 W 96 28

10002 0469079110280536 0469083010280412
10010 089 00019273 16300 1670561 1103540TTR 354METH 7960365
10021 TWP N 140 RGE W 96 SEC 28 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 660 FWL C SH SW DO
102 CONTINENTAL OIL 3 FRANK RODRIGUEZ-28
103 2493 KB 2482 GR DICKINSON
104 2492 ES 2481 GR P LSE NO 1118 API 33-089- 00019 00
105 SPU0 01/12/1965 COMP 03/07/1965 ROTARY OIL
107 OTD 7960 LTD 7960 PB 7923 FM/TO 3540TTR
20102 354METH PERF JET W/ 4/FT 7834- 7836 008
40101 DST 01 7870- 7960 354METH 7915 S003
40102 OVERLAPS 3540TTR
40131 FINAL OP 1H30M IFF 2510 FFP 3537 BHT 199F
40201 DST 02 STRD 7830- 7860 402TYLR MISRUN 004
40301 DST 03 STRD 7824- 7849 402TYLR S005

149

35.5 °C/m

SUB FILE GEOTHERMAL LISTING

33 N 140 W 96 28

40331 FINAL OP 1H30M IFF 35 FFP 159 BHT 188F
40401 DST 04 STRD 7804- 7816 402TYLR 006
40431 FINAL OP 1H30M IFF 14 FFP 25 BHT 170F

33 N 140 W 96 30

10002 0469153210284811 0469155910284756
10010 089 00035273 16300 8-60561 1103540TTR 402TYLR 8153567
10021 TWP N 140 RGE W 96 SEC 30 055TH PRINCIPAL
101 NDAK STARK A 1960 FNL 510 FWL C SH NW D DO
102 SUPERIOR OIL 1 ZHARADNIK
103 2569 KB 2561 GR DICKINSON
104 2581 DF 2573 GR P API 33-089- 00035 00
105 SPU0 03/17/1967 COMP 05/23/1967 ROTARY OIL
107 OTD 8150 LTD 8153 FM/TO 3540TTR
20102 402TYLR PERF W/ 4/FT 7972- 7975 006

SUB FILE GEOTHERMAL LISTING

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125- 00047-00
D&A
TD 3511DGP
002

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10345K77
RINCIPAL
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AT
107- 00216-00
D&A-0
TD 3511DGP
005

2149
5775
RIN
E SE W/ 00

IRN RANCH
107- 00167-00
OIL
TD 353ERRG
007
3 REVOUTS002

IF
S WTR S003
IF S004

IF
539 006
181 007
181 008

2436910352867
9602775
RINCIPAL
E SW W/ W/

IRN RANCH
107- 00170-00
R-06

SUB FILE GEOTHERMAL LISTING

33 N 140 W 96 28 40331 FINAL OP 1M30M IFF 35 FFP 159 BHT 188F
40401 DST 04 STRD 7804- 7816 402TYLR
40431 FINAL OP 1M30M IFF 14 FFP 25 BHT 170F

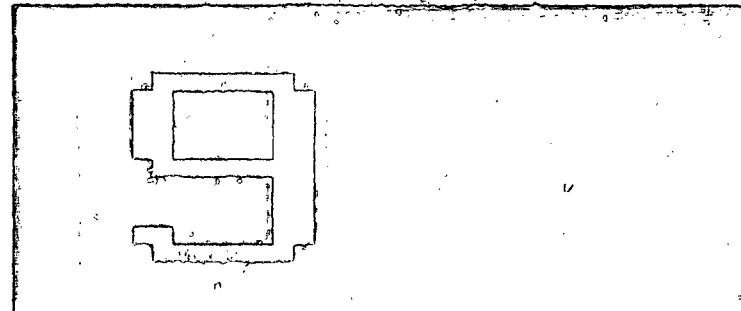
33 N 140 W 96 30 10002 0469183210284811 0469155910284756
10010 089 00035273 16300 8660561 1103540TTR 402TYLR 8153567
10021 TWP N 140 RGE W 96 SEC 30 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 510 FNL SW NE D DO 150
102 SUPERIOR OIL 1 ZAMPHANT
103 2569 KD 2561 GR DICKINSON
104 2581 DF 2573 GR P API 33-089- 00035 00
105 SPUD 03/17/1967 COMP 05/23/1967 ROTARY OIL
107 DTD 8150 LTD 8153 FM/TD 3540TTR
20102 402TYLR PERF W/ 4/FT 7972- 7975 005
40101 DST 01 7942- 7987 402TYLR REVOUTS003
40131 FINAL OP 1M IFF 206 FFP 1427 BHT 165F
40201 DST 02 7400- 7420 419MNL 004
40202 OVERLAPS 4520PCH
40231 FINAL OP 0M45M IFF 551 FFP 3301 BHT 160F
50102 402TYLR PERF W/ 4/FT 7972- 7975 006
50202 402TYLR PERF W/ 4/FT 7972- 7975 006

33 N 140 W 96 30 10002 0469151210283766 0469151710283637
10010 089 90003273 16300 1670561 110402TYLR 402TYLR 8018967
10021 TWP N 140 RGE W 96 SEC 30 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 1980 FEL C SW NE D DO 151
102 CONTINENTAL OIL 1X RIDE
103 2550 RB 2539 GR DICKINSON
104 APT 33-089- 90003 00
105 SPUD 07/25/1967 COMP 09/04/1967 ROTARY OIL
107 DTD 8015 LTD 8018 PB 7965 FM/TD 402TYLR
20102 402TYLR PERF JET W/ 4/FT 7891- 7915 GROSS 008
40101 DST 01 5640- 5750 602DKOT 5075 002
40131 FINAL OP 1M30M IFF 1934 FFP 2217 BHT 160F
50102 402TYLR PERF JET W/ 4/FT 7891- 7915 GROSS 006
50202 402TYLR PERF JET W/ 4/FT 7891- 7915 GROSS 007

33 N 140 W 96 32 10002 0468930610281695 0468929410281530
10010 089 00046273 16300 9120561 1103540TTR 419MNL 8009K67
10021 TWP N 140 RGE W 96 SEC 32 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 510 FNL SW NE D DO 152
102 UNION OIL OF CALIFORNIA 1 STATE
103 2493 DF 2482 GR DICKINSON
104 APT 33-089- 00046 00
105 SPUD 07/01/1967 COMP 10/03/1967 ROTARY OIL
107 DTD 8009 FM/TD 3540TTR
20102 419MNL PERF 7814- 7838 GROSS 010
40101 DST 01 7808- 7853 354METH S006
40110 GAS TS IN 0M41M
40131 FINAL OP 0M30M IFF 257 FFP 374 BHT 164F
50102 354METH PERF W/ 4/FT 7834- 7838 008

36.8°C/km

RH	INDEX
A	33 N 139 W 100 27
B	33 N 139 W 101 16
C	33 N 139 W 101 21
D	33 N 139 W 102 2
E	33 N 139 W 102 10
F	33 N 139 W 102 13
G	33 N 139 W 102 23
H	33 N 139 W 103 5
I	33 N 139 W 103 11
J	33 N 140 W 93 11
K	33 N 140 W 96 5
L	33 N 140 W 96 15
M	33 N 140 W 96 28



RBG
S002

S003

S004

51119
69K74
L HPD

58-04
LIL
IKK
OOL
003

004
005
006

156850
102K73
L
140

153 00
18A-06
RBG
S002

S003

156286
750868
L WF

130
D&A-U

RBG
JN 003
004

270718
700277
L
WF

062 00
OIL

33 N 140 W 96 32 60202 354METH PERF W/ 4/FT 7814- 7820 1107
33 N 140 W 96 33 10002 0469006010280667 0469007610280467
10010 089 00020273 16300 1670561 110354METH 354METH 8050067
10021 TWP N 140 RGE W 96 SEC 33 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 660 FNL SE SE D DO 153
102 CONTINENTAL OIL ETAL 1 HARRIS-KUSTELECKY
103 2547 KB 2475 GR DICKINSON
104 2546 ES 2475 GR P LSE NO 1120 API 33-089- 00020 00
105 SPUD 02/06/1965 COMP 03/17/1965 ROTARY OIL
107 DTD 8050 PB 7950 FM/TO 354METH
20102 402TYLR PERF JET W/ 4/FT 7816- 7818 012
40101 DST 01 7808- 7853 402TYLR 7830 S003
40131 FINAL OP 2M IFF 38 FFP 316 BHT 190F
50102 402TYLR PERF JET W/ 4/FT 7816- 7818 005
50202 402TYLR PERF JET W/ 4/FT 7816- 7818 005
50302 402TYLR PERF JET W/ 4/FT 7816- 7818 007
50402 402TYLR PERF JET W/ 4/FT 7816- 7818 008
50502 402TYLR PERF JET W/ 4/FT 7816- 7818 009
50602 402TYLR PERF JET W/ 4/FT 7816- 7818 011

35.6 °C/hm

33 N 140 W 97 23 10002 0469224510287393 0469224110287340
10010 089 00092273 16300 4874061 110402TYLR 402TYLR 8100470
10021 TWP N 140 RGE W 97 SEC 23 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 661 FEL SE SE D DO 154
102 LONG STAR PRODUCING 1 KAISERSHOT
103 2519 KB 2604 GR DICKINSON
104 2515 ES 2604 GR P API 33-089- 00092 00
105 SPUD 12/21/1969 COMP 03/09/1970 ROTARY OIL
107 DTD 8100 LTD 8099 PB 8058 FM/TO 402TYLR
20102 402TYLR PERF W/ 2/FT 8024- 8030 009
40101 DST 01 8012- 8043 402TYLR S003
40131 FINAL OP 3M IFF 559 FFP 710 BHT 190F
50102 402TYLR PERF W/ 2/FT 8024- 8030 005
50202 402TYLR PERF W/ 2/FT 8024- 8030 006
50302 402TYLR PERF W/ 2/FT 8024- 8030 007
50402 402TYLR PERF W/ 2/FT 8024- 8030 008

33 N 140 W 97 25 10002 0469152010280434 0469152910286176
10010 089 00047273 16500 1670561 110354METH 354METH 8136967
10021 TWP N 140 RGE W 97 SEC 25 055TH PRINCIPAL
101 NDAK STARK A 2030 FNL 1980 FNL SE NW D DO 155
102 CONTINENTAL OIL ETAL 1 ZAMRADYK-WIDL
103 2598 KB 2584 GR DICKINSON W
104 2594 ES 2584 GR P API 33-089- 00047 00
105 SPUD 07/10/1967 COMP 08/09/1967 ROTARY OIL
107 DTD 8136 FM/TO 354METH
40101 DST 01 7976- 8136 354METH S003
40131 FINAL OP 1M30M IFF 178 FFP 563 BHT 190F

33 N 140 W 97 26 10002 0469077310287416 0469078910287326
10010 089 00048273 16500 1670561 110354METH 354METH 8050067
10021 TWP N 140 RGE W 97 SEC 26 055TH PRINCIPAL
101 NDAK STARK A 554 FSL 554 FEL SE SE D DO
102 CONTINENTAL OIL ETAL 1 KARSKY-BURESH
103 2545 KB 2533 GR DICKINSON W
104 2543 ES 2533 GR P API 33-089- 00048 00
105 SPUD 08/11/1967 COMP 09/15/1967 ROTARY OIL
107 DTD 8050 PB 7946 FM/TO 354METH
20102 354METH PERF W/ 4/FT 7934- 7936 008
40101 DST 01 7928- 8050 354METH S003
40131 FINAL OP 0M26M IFF 1434 FFP 2698 BHT 238F
50102 354METH PERF W/ 4/FT 7952- 7954 005

RG
1 003
304
0718
0277
WFO
2 00
L
RV
008
5005
5006
9763
0J7
00
2-00
L
RV
011
008
009
010
9692
0077
WFO
9 00
L
RV
009
5004
005
007
008

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 704

33 N 140 W 97 26 10002 0469077310287416 0469078910287326
10010 089 00048273 16500 1670561 1107544METH 3544METH 8050067
10021 TWP N 140 RGE W 97 SEC 26 055TH PRINCIPAL
101 NDAK STARK A 554 FSL 554 FFL SE 30 D DO
102 CONTINENTAL OIL ETAL I KARSKY BURESH
103 2545 KB 2533 GR DICKINSON W
104 2543 ES 2533 GR P API 33-089- 00048 00
105 SPUD 08/11/1967 COMP 09/15/1967 ROTARY OIL
107 DTD 8050 PB 7946 FM/TD 3544METH
20102 3544METH PERF W/ 4/FT 7934- 7936 008
40101 DST 01 7928- 8050 3544METH 7989 5003
40131 FINAL OP 0426M IFF 1434 FFP 2698 BHT 238F
50102 3544METH PERF W/ 4/FT 7952- 7954 005
50202 3544METH PERF W/ 4/FT 7934- 7936 006
50302 3544METH PERF W/ 4/FT 7934- 7936 007

156

44.0 cc/min

33 N 140 W 97 26 10002 0469150810288469 0469152010288400
10010 089 00072273 16500 9999961 110402TYLR 3544METH 8050769
10021 TWP N 140 RGE W 97 SEC 26 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 1981 FNL SE NW D DO
102 CALVERT DRILLING & PROD I BURESH SAMRADNIK
103 2591 KB 2578 GR DICKINSON WEST
104 2586 ES 2578 GR P API 33-089- 00072 00
105 SPUD 03/31/1969 COMP 06/23/1969 ROTARY OIL
107 DTD 8050 FM/TD 402TYLR
20102 3544METH PERF JET W/ 2/FT 7980- 7982 006
40101 DST 01 7965- 8004 402TYLR CUSH 1015 WTR 5003
40110 GAS TS IN 1H15M AFTER SHUT IN
40131 FINAL OP 2H IFF 546 FFP 823 BHT 194F
50102 3544METH PERF JET W/ 2/FT 7980- 7982 005

157

33 N 140 W 97 27 10002 0469149710290606 0469152410290489
10010 089 00096273 16500 4527760 911402TYLRA 8050470
10021 TWP N 140 RGE W 97 SEC 27 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 1974 FNL SE NW D
102 KING RESOURCES ETAL 22-27 BURESH BARCH
103 2601 KB 2589 GR DICKINSON W
104 2599 OF 2588 GR P LSE NO API 33-089- 00096-00
105 SPUD 01/25/1970 COMP 02/10/1970 ROTARY D&A-OG
107 DTD 8050 FM/TD 402TYLRA
40101 DST 01 7977- 8001 402TYLR 7989 5003
40131 FINAL OP 1H30M IFF 158 FFP 49 BHT 210F

158

37.6 cc/min

33 N 140 W 97 30 10002 0469174910297473 0469168110297310
10010 089 00179273 35000 2723060 911402TYLR 8122375
10021 TWP N 140 RGE W 97 SEC 30 055TH PRINCIPAL
101 NDAK STARK A 310 FNL 660 FFL S2 NW NW D
102 FARMERS UNION ETAL 4-30 PAWLETA
103 2612 KB 2600 GR HEART SOUTH
104 2605 OF 2597 GR P LSE NO API 33-089- 00179-00
105 SPUD 02/07/1975 COMP 02/25/1975 ROTARY D&A-OG

159

3500
3377
WFO
4-00
S
FH
006
002
5003
5004

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 705

33 N 140 W 97 30 107 DTD 8122 LTD 8102 FM/TD 402TYLR
40101 DST 01 8068- 8049 402TYLR 5002
40131 FINAL OP 1H IFF 305 FFP 545 BHT 214F
33 N 140 W 98 19 10002 0469213810308466 0469220510308421
10010 089 00169273 30800 2723060 9013540TTR 8320074
10021 TWP N 140 RGE W 98 SEC 19 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 660 FFL C SE SE D D
102 FARMERS UNION EXCHANGE 16-19 OBACH
103 2544 KB 2532 GR GREEN RIVER
104 2541 OF 2531 GR P LSE NO API 33-089- 00169-00
105 SPUD 09/09/1974 COMP 09/27/1974 ROTARY D&A-G
107 DTD 8320 LTD 8319 FM/TD 3540TTR
40101 DST 01 8109- 8134 402TYLR 5002
40131 FINAL OP 0430M IFF 1411 FFP 2550 BHT 206F

33 N 140 W 98 19 10002

0469278710310144 0469278710310144

3500
3377
WFD
006
002
3003
3004
3414
3774
WF
2-00
002
3956
3378
HPD
00
005
3032
3003
1657

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 705

SUB FILE GEOTHERMAL LISTING

33 N 140 W 97 30 107 DTD 8122 LTD 8102
40101 DST O1 8008- 8049 402TYLR 8025 FM/TO 402TYLR 5002
40131 FINAL OP 1H IFF 305 FFP 545 BHT 214F

33 N 140 W 98 19 10002 0469213810308466 0469220510308421
10010 089 00169273 30800 2723060 9013540TTR 8320074
10021 TWP N 140 RGE W 98 SEC 19 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 660 FEL C SE SE D 160
102 FARMERS UNION EXCHANGE 16-19 OBACH
103 2544 KB 2512 GR GREEN RIVER
104 2541 DF 2531 GR P LSE NO API 33-089- 00169-00
105 SPUD 09/09/1974 COMP 09/27/1974 ROTARY D&A-G
107 DTD 8320 LTD 8319 FM/TO 3540TTR
40101 DST O1 8109- 8134 402TYLR 8122 5002
40131 FINAL OP 0H30M IFF 1411 FFP 2550 BHT 206F

33 N 140 W 98 19 10002 0469325810310164 0469306410309999
10010 089 00189273 30800 2723040 9003540TTR 8375975
10021 TWP N 140 RGE W 98 SEC 19 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 660 FSL C NW NW 1/4 HP 161
102 FARMERS UNION EXCHANGE 4-19 TORCHAD
103 2572 KB 2560 GR GREEN RIVER
104 2541 DF 2531 GR P LSE NO API 33-089- 00189-00
105 SPUD 09/08/1975 COMP 09/29/1975 D&A
107 DTD 8375 LTD 8372 FM/TO 3540TTR
40101 DST O1 8135- 8178 402TYLR 002
40131 FINAL OP 1H IFF 1306 FFP 2260 BHT 170F

33 N 140 W 98 24 10002 0469219510298098 0469214410297960
10010 089 00184273 30800 2723061 1103540TTR 402TYLR 8222875
10021 TWP N 140 RGE W 98 SEC 24 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 1000 FEL C SE SE D 00 162
102 FARMERS UNION EXCHANGE 16-24 PAULTSH
103 2616 KB 2604 GR GREEN RIVER
104 2606 DF 2598 GR P LSE NO API 33-089- 00184-00
105 SPUD 06/06/1975 COMP 08/11/1975 ROTARY OIL
107 DTD 8222 LTD 8217 FM/TO 3540TTR
20102 402TYLR PERF W/ 4/FT 8025- 8029 005
20150 WTR
40101 DST O1 7988- 8028 419MNL 8008 5002
40110 GAS TS IN 0H15M 4 FT FLARE
40131 FINAL OP 1H IFF 930 FFP 2001 BHT 222F
50102 402TYLR PERF W/ 4/FT 8025- 8029 004

33 N 140 W 98 25 10002 0469108110297886 0469105910297767
10010 089 00125273 30800 1670550 900402TYLR 8280174
10021 TWP N 140 RGE W 98 SEC 25 055TH PRINCIPAL
101 NDAK STARK A 1980 FSL 660 FEL C NE SE 1/4 WF WF 163
102 CONTINENTAL OIL 1 JERAMCHUK BRD
103 2623 KB WILDCAT
104 2525 DF 2510 GR P LSE NO API 33-089- 00125-00

38.4°C/hm

36.1°C/hm

162

40.3°C/hm

163

677
0
00
002
005
077
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00

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 706

SUB FILE GEOTHERMAL LISTING

33 N 140 W 98 25 105 SPUD 11/27/1971 COMP 12/18/1971 ROTARY D&A
107 DTD 8280 FM/TO 402TYLR
40101 DST O1 8018- 8047 402TYLR 003
40131 30M IFF 372 FFP 527 BHT 197F

33 N 140 W 98 25 10002 0469188610297914 0469187210297842
10010 089 00148273 30800 2723011 1103540TTR 402TYLR 8266774
10021 TWP N 140 RGE W 98 SEC 25 055TH PRINCIPAL
101 NDAK STARK A 660 FSL 660 FEL C NE NE 1/4 HPD
102 FARMERS UNION EXCHANGE 1-25 JERAMCHUK
103 2647 KB GREEN RIVER
104 2641 DF 2631 GR P LSE NO API 33-089- 00148-00
105 SPUD 05/13/1974 COMP 07/03/1974 ROTARY OIL
107 DTD 8266 LTD 8261 FM/TO 3540TTR
20102 402TYLR PERF W/ 2/FT 8048- 8056 005
40101 DST O1 8029- 8078 402TYLR 5002
40102 OVERLAPS 419MNL
40110 GAS TS IN 12H AT 44 MCFD

06/08/78

PETROLEUM INFORMATION, CORP.

PAGE 706

33 N 140 W 98 25 105 SPUD 11/27/1971 COMP 12/18/1971 ROTARY O&A
107 DTD 8280 FM/TO 402TYLR
40101 DST 01 8018- 8047 402TYLR 003
40131 30M IFF 372 FFP 527 BHT 197F

33 N 140 W 98 25 10002 0469188610297914 0469187210297842
10010 089 00148273 30800 2723011 1103540TTR 402TYLR 8266774
10021 TWP N 140 RGE W 96 SEC 25 055TH PRINCIPAL
101 NDAK STARK A 660 FNL 660 FEL NE NE 1/4 WFD 164
102 FARMERS UNION EXCHANGE 1-25 JEAN CHUK
103 2647 KB GREEN RIVER
104 2641 DF 2631 GR P LSE NO API 33-089- 00148-00
105 SPUD 05/13/1974 COMP 07/03/1974 ROTARY OIL
107 DTD 8266 LTD 8261 FM/TO 3540TTR
20102 402TYLR PERF W/ 2/FT 8048- 8056 005
40101 DST 01 8029- 8078 402TYLR S002
40102 OVERLAPS 419MMLS
40110 GAS TS IN 12M AT 44 MCFD
40131 FINAL OP 1H IFF 1427 FFP 2616 BHT 180F
50102 402TYLR PERF W/ 2/FT 8048- 8056 004

33 N 140 W 98 30 10002 0469140910309663 0469148810309625
10010 089 00144273 30800 2723051 1103540TTR 402TYLR 8325474
10021 TWP N 140 RGE W 98 SEC 30 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 1920 FNL NE SE NW 1/4 WFD 165
102 FARMER UNION EXCHANGE 6-30 WILLIAM TORCHUK
103 2560 KB 2548 GR GREEN RIVER
104 2558 DF 2547 GR P LSE NO API 33-089- 00144-00
105 SPUD 02/08/1974 COMP 04/25/1974 ROTARY OIL
107 DTD 8325 FM/TO 3540TTR
20102 402TYLR PERF JET W/ 2/FT 8114- 8126 007
40101 DST 01 8070- 8118 354HETH S002
40110 GAS TS IN AT 32 MCFD
40111 GAS TS IN 30M AT 20 MCFD 16/64 CK-5 FT FLARE
40131 FINAL OP 1H IFF 539 FFP 1192 BHT 196F
50102 402TYLR PERF JET W/ 2/FT 8114- 8126 004
50202 402TYLR PERF JET W/ 2/FT 8114- 8126 005
50302 402TYLR PERF W/ 2/FT 8114- 8126 006

33 N 140 W 98 30 10002 0469140710308466 0469149010308432
10010 089 00154273 30800 2723051 110402TYLR 402TYLR 8231874
10021 TWP N 140 RGE W 98 SEC 30 055TH PRINCIPAL
101 NDAK STARK A 1980 FNL 660 FEL NE SE NE 1/4 WFD 166
102 FARMERS UNION EXCHANGE 8-30 OBACH
103 2549 KB GREEN RIVER
104 API 33 089 00154 00
105 SPUD 06/08/1974 COMP 07/26/1974 ROTARY OIL
107 DTD 8231 LTD 8224 FM/TO 402TYLR
20102 402TYLR PERF W/ 1/FT 8111- 8114 009
40101 DST 01 8063- 8114 419MMLS 002
40102 OVERLAPS 402TYLR

06/08/78

PETROLEUM INFORMATION, CORP.

PAGE 707

33 N 140 W 98 30 40131 FINAL OP 1H IFF 90 FFP 208 BHT 186F
40201 DST 02 STPD 8106- 8124 402TYLR MISRUN 004
40301 DST 03 STPD 8109- 8128 402TYLR S005
40310 GAS TS IN 20M 3 FT FLAIR
40331 FINAL OP 1H IFF 993 FFP 2738 BHT 190F
50102 402TYLR PERF W/ 1/FT 8111- 8114 007
50202 402TYLR PERF W/ 1/FT 8111- 8114 008

33 N 140 W 99 13 10002 0469469410311177 0469472510311040
10010 089 00105273 2723050 901351MOSM 9550770
10021 TWP N 140 RGE W 99 SEC 13 055TH PRINCIPAL
101 NDAK STARK A 690 FNL 1980 FEL NW NE 1/4 WFD
102 FARMERS UNION EXCHANGE 2-13 RYKOWSKI
103 2627 KB WILDCAT
104 2624 DF 2616 GR P LSE NO API 33-089- 00105-00
105 SPUD 05/26/1974 COMP 07/19/1974 ROTARY O&A

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP.

PAGE 707

SUB FILE GEOTHERMAL LISTING

33 N 140 W 98 30 40131 FINAL OP 1H IFF 90 FFP 208 BHT 186F MISRUN 004
 40201 DST 02 STRD 8106- 8124 402TYLR 5005
 40301 DST 03 STRD 8109- 8128 402TYLR
 40310 GAS TS IN 20M 3 FT FLAIR
 40331 FINAL OP 1H IFF 993 FFP 2338 BHT 190F
 50102 402TYLR PERF W/ 1/FT 8111- 8114 007
 50202 402TYLR PERF W/ 1/FT 8111- 8114 008

33 N 140 W 99 13 10002 0469469410311177 0469472510311040
 10010 089 00105273 2723050 901351MDSN 9550770
 10021 TWP N 140 RGE W 99 SEC 13 055TH PRINCIPAL
 101 NDAK STARK A 690 FNL 1980 FEL NH NE WF WF 167
 102 FARMERS UNION EXCHANGE 2-13 RYKOWSKI
 103 2627 KB WILDCAT
 104 2624 DF 2616 GR P LSE NO API 33-089- 00105-00
 105 SPUD 06/24/1970 COMP 07/19/1970 ROTARY D&A-G
 107 DTD 9550 LTD 9542 FM/TO 351MDSN
 40101 DST 01 8215- 8300 402TYLR 8258 002
 40131 FINAL OP 1H30M IFF 268 FFP 1428 BHT 215F
 40201 DST 02 9470- 9520 353FRBG 9496 5003
 40231 FINAL OP 1H30M IFF 46 FFP 205 BHT 226F

33 N 140 W 99 25 10002 0469070210310643 0469073810310589
 10010 089 00146273 99999 2723010 9113540TTR 8302574
 10021 TWP N 140 RGE W 99 SEC 25 055TH PRINCIPAL
 101 NDAK STARK A 660 FSL 660 FSL C SE SE WO WO 168
 102 FARMERS UNION EXCHANGE 16-25 REPETONSKI
 103 80 KB UNNAMED
 104 2576 DF 2566 GR P LSE NO API 33-089- 00146-00
 105 SPUD 04/10/1974 COMP 05/09/1974 ROTARY D&A-06
 107 DTD 8302 FM/TO 3540TTR
 40101 DST 01 8090- 8151 402TYLR 8120 5002
 40131 FINAL OP 1H IFF 462 FFP 929 BHT 208F
 50102 402TYLR PERF JET W/ 4/FT 8150- 8154 004
 50150 WTR
 50202 402TYLR PERF JET W/ 4/FT 8150- 8154 005
 50250 WTR

33 N 140 W 99 31 10002 0468920110322296 0468926810322266
 10010 089 00075273 7450 9999910 900353FRBG 8411769
 10021 TWP N 140 RGE W 99 SEC 31 055TH PRINCIPAL
 101 NDAK STARK A 510 FSL 1851 FNL SW SE SW WO WO 169
 102 CHANDLER & ASSOCIATES 1 NEARON STATE
 103 2666 GR BELFIELD
 104 2677 DF 2668 GR P LSE NO API 33-089- 00075-00
 105 SPUD 06/11/1969 COMP 07/08/1969 ROTARY D&A
 107 DTD 8410 LTD 8411 FM/TO 353FRBG
 40101 DST 01 8243- 8252 353FRBG 8248 002
 40131 FINAL OP 1H15M IFF 487 FFP 487 BHT 214F
 40201 DST 02 MISRUN 003
 40231 10M

37.5 °C/ft

36.6 °C/ft

37.3 °C/ft

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP.

PAGE 708

SUB FILE GEOTHERMAL LISTING

33 N 140 W 99 34 10002 0468923010314877 0468904110314785
 10010 089 00153273 95000 2723061 1103540TTR 402TYLR 8310K74
 10021 TWP N 140 RGE W 99 SEC 34 055TH PRINCIPAL
 101 NDAK STARK A 660 FSL 660 FEL C SE SE D DO
 102 FARMERS UNION EXCHANGE 16-34 KRUSHENSKY
 103 2578 KB 2566 GR ZENITH
 104 GR LSE NO API 33-089- 00153-00
 105 SPUD 07/02/1974 COMP 10/18/1974 ROTARY OIL
 107 DTD 8310 LTD 8411 FM/TO 3540TTR
 20102 402TYLR PERF JET W/ 4/FT 8131- 8135 009
 20150 WTR
 40101 DST 01 8127- 8153 402TYLR 5003
 40110 GAS TS IN OSM AT 27 MCFD
 40131 FINAL OP 1H IFF 158 FFP 385 BHT 220F
 50102 402TYLR PERF W/ 4/FT 8131- 8135 005
 50202 402TYLR PERF JET W/ 4/FT 8131- 8135 006

06/08/78

PETROLEUM INFORMATION CORP

SUB FILE GEOTHERMAL LISTING

33 N 140 H 99 34 10002 0468923010314877 0468904110314785
 10010 089 00153273 95000 2723061 1103540TTR 402TYLR 8310K74
 10021 TWP N 140 RGE W 99 SEC 34 055TH PRINCIPAL
 101 NDAK STARK A 660 FSL 660 FEL SE SE D 00 170
 102 FARMERS UNION EXCHANGE 16-34 KRUSIENSKY
 103 2578 KB 2566 GR ZENITH
 104 GR LSE NO API 33-089- 00153-00
 105 SPUD 07/02/1974 COMP 10/18/1974 ROTARY OIL
 107 DTD 8310 LTD FM/TO 3540TTR
 20102 402TYLR PERF JET W/ 4/FT 8131- 8135 009
 20150 WTR
 40101 DST 01 8127- 8153 402TYLR 8140 5003
 40110 3AS TS IN OSM AT 27 MCFD
 40131 FINAL OP 1H IFF 158 FFP 385 DHP 220F
 50102 402TYLR PERF W/ 4/FT 8131- 8135 005
 50202 402TYLR PERF JET W/ 4/FT 8131- 8135 006
 50302 402TYLR PERF JET W/ 4/FT 8131- 8135 007
 50402 402TYLR PERF JET W/ 4/FT 8131- 8135 008

39.2 °C/hr

33 N 140 W 99 34 10002 0468992910315938 0468974110315885
 10010 089 00168273 95000 2723060 9003540TTR 8305074
 10021 TWP N 140 RGE W 99 SEC 34 055TH PRINCIPAL
 101 NDAK STARK A 1980 FNL 1980 FNL SE NW 0 171
 102 FARMERS UNION EXCHANGE 6-34 KRUSIENSKY
 103 2580 KB 2568 GR ZENITH
 104 2568 DF 2559 GR P LSE NO API 33-089- 00168-00
 105 SPUD 09/30/1974 COMP 10/19/1974 ROTARY D&R
 107 DTD 8305 LTD 8304 FM/TO 3540TTR
 40101 DST 01 8060- 8132 402TYLR 8096 002
 40131 FINAL OP 1H BHT 210F

37.1 °C/hr

33 N 140 W 100 22 10002 0469250910329091 0469253010329063
 10010 007 00133273 6937050 911353FRBG 9653J68
 10021 TWP N 140 RGE W 100 SEC 22 055TH PRINCIPAL
 101 NDAK BILLINGS A 1980 FSL 660 FNL NW SW NE WF 172
 102 PUBCO PETROLEUM 22-12 EMPRE-FEDERAL
 103 2765 KB 2754 GR WILDCAT
 104 2762 DF 2752 GR P API 33-007- 00133 00
 105 SPUD 10/01/1968 COMP 10/31/1968 ROTARY D&R-0G
 107 DTD 9653 FM/TO 353FRBG
 40101 DST 01 8303- 8319 402TYLR 8311 5003
 40131 FINAL OP 1H40M IFF 912 FFP 2658 BHT 239F
 40201 DST 02 8342- 8442 402TYLR MISRUN 004
 40202 OVERLAPS 3540TTR
 40301 DST 03 8356- 8442 402TYLR MISRUN 005
 40302 OVERLAPS 3540TTR
 40401 DST 04 9348- 9386 354RCLF 006
 40402 OVERLAPS 353MIDL
 40431 FINAL OP 2H IFF 660 FFP 741 WEAK BLOW
 40501 DST 05 9556- 9594 353MIDL 5007
 40502 OVERLAPS 353FRBG

42.5 °C/hr

06/08/78

PETROLEUM INFORMATION CORP

SUB FILE GEOTHERMAL LISTING

33 N 140 W 100 22 40531 FINAL OP 2H IFF 604 FFP 703 WEAK BLOW
 33 N 140 W 102 30 10002 0469135610360725 0469144710360531
 10010 007 00134273 110550 911353FRBG 9433469
 10021 TWP N 140 RGE W 102 SEC 130 055TH PRINCIPAL
 101 NDAK BILLINGS A 1930 FNL 566 FNL NW SW NE WF
 102 AMERADA PETROLEUM 1 USA-MELVIN T-1
 103 2583 KB 2571 GR WILDCAT
 104 2579 ES 2571 GR P API 33-007- 00134 00
 105 SPUD 02/19/1969 COMP 03/19/1969 ROTARY D&R-0G
 107 DTD 9433 FM/TO 353FRBG
 40101 DST 01 7410- 7445 419MMLS 002
 40131 FINAL OP 1H45M IFF 3316 FFP 3373 BHT 198F
 40201 DST 02 8172- 8220 353KBBY 003

G 7

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP

PAGE 709

SUB FILE GEOTHERMAL LISTING

33 N 140 W 100 22 40531 FINAL OP 2H IFF 604 FFP 703 WEAK BLOW

33 N 140 W 102 30 10002 0469135610360725 0469144710360531
 10010 007 00134273 110550 911353FRBG 9433469
 10021 TWP N 140 RGE W 102 SEC 30 055TH PRINCIPAL
 101 NDAR BILLINGS A 1930 FNL 566 FHL NH SW NW WF WF 173
 102 AMERADA-PETROLEUM 1 USA-HELOTN T-1
 103 2583 KB 2571 GR WILDCAT
 104 2579 ES 2571 GR P API 33-007- 00134 00
 105 SPUD 02/19/1969 COMP 03/19/1969 ROTARY D&A-OG
 107 DTD 9433 FM/TO 353FRBG
 40101 DST 01 7410- 7445 419MNL 7428 002
 40131 FINAL OP 1H45M IFF 3316 FFP 3373 BHT 198F
 40201 DST 02 8172- 8220 353KBBY 003
 40210 WTR TS IN 27M 1ST OPENING
 40211 MUD TS IN 27M 1ST OPENING
 40212 WTR TS IN 05M 2ND OPENING
 40213 MUD TS IN 05M 2ND OPENING
 40231 15M IFF 3750 FFP 3738
 40301 DST 03 8917- 8969 351MDSN CUSH 956 WTR 005
 40331 FINAL OP 0M25M IFF 557 FFP 622
 40401 DST 04 9129- 9164 351MDSN CUSH 1169 WTR S006
 40431 FINAL OP 1H10M IFF 635 FFP 745 BHT 224F
 40501 DST 05 9256- 9425 353FRBG CUSH 1641 WTR 007
 40531 FINAL OP 1H45M IFF 2626 FFP 4065

375°/hr

357

33 N 140 W 103 16 10002 0469371110367646 0469375310367565
 10010 033 00028273 5784050 911353FRBG 9285069
 10021 TWP N 140 RGE W 103 SEC 16 055TH PRINCIPAL
 101 NDAR GLDN VAL A 1320 FSL 1000 FEL E 1/2 SE WF WF 174
 102 MULE CREEK OIL 1 SHELL-STATE
 103 2618 KB 2606 GR WILDCAT
 104 AP 33-033- 00028 00
 105 SPUD 07/30/1969 COMP 08/20/1969 ROTARY D&A-OG
 107 DTD 9276 LTO 9285 FM/TO 353FRBG
 40101 DST 01 9134- 9183 351MDSN S004
 40131 FINAL OP 2H IFF 342 FFP 821 BHT 215F

33 N 140 W 103 20 10002 0469215010371188 0469221010371082
 10010 033 00010273 9999950 910353FRBG 9290J67
 10021 TWP N 140 RGE W 103 SEC 20 055TH PRINCIPAL
 101 NDAR GLDN VAL A 820 FSL 660 FHL SH SW WF WF 175
 102 SHELLETT 14X-20 GOVT
 103 2652 KB 2638 GR WILDCAT
 104 2648 ES 2638 GR P API 33-033- 00010 00
 105 SPUD 09/22/1967 COMP 10/25/1967 ROTARY D&A-OG
 107 DTD 9290 FM/TO 353FRBG
 40101 DST 01 8890- 8979 354RCLF 003
 40131 FINAL OP 0M53M IFF 140 FFP 357 BHT 199F
 40201 DST 02 9150- 9220 353FRBG 005
 40231 FINAL OP 0M50M IFF 279 FFP 836 BHT 218F

SUB FILE GEOTHERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP

PAGE 710

SUB FILE GEOTHERMAL LISTING

33 N 140 W 103 24 10002 0469242710362728 0469251310362620
 10010 033 00035273 71500 3780051 110353FRBG 353MSSN 9125172
 10021 TWP N 140 RGE W 103 SEC 24 055TH PRINCIPAL
 101 NDAR GLDN VAL A 1980 FSL 661 FHL NH SW NW WF WF
 102 HUNT LAMP 1 OSTERHOOT
 103 2452 KB 2439 GR PIDEP
 104 2458 OF 2448 GR P API 33-033- 00035 00
 105 SPUD 09/16/1971 COMP 12/14/1971 ROTARY OIL
 107 DTD 9125 PB 9040 FM/TO 353FRBG
 20102 353MSSN PERF 9025- 9028 005
 40101 DST 01 7766- 7820 354METH 002
 40131 FINAL OP 2H IFF 1715 FFP 2944 BHT 216F
 40201 DST 02 9026- 9070 353FRBG S003
 40231 FINAL OP 2H IFF 353 FFP 1708 BHT 192F

06/08/78

PETROLEUM INFORMATION, CORP

33 N 140 W 103 24 10002 0469242710362728 0469251310362620
 10010 033 00035273 71500 3780051 110353FRBG 353NSSN 9125172
 10021 TWP N 140 RGE W 103 SEC 24 055TH PRINCIPAL
 101 NDAK GLEN VAL A 1980 FSL 661 FNL NW SW WF WFD 176
 102 HUNT LAMAR 1 OSTERRODT
 103 2452 KB 2439 GR RIDER
 104 2458 DF 2448 GR P API 33-033- 00035 00
 105 SPUD 09/16/1971 COMP 12/14/1971 ROTARY OIL
 107 DTD 9125 PB 9040 FM/TO 353FRBG
 20102 353NSSN PERF 9025- 9028 005
 40101 DST 01 7766-7820 354METH 7793 002
 40131 FINAL OP 2H IFF 1715 FFP 2944 BHT 218F
 40201 DST 02 9026- 9070 353FRBG 9048 S003
 40231 FINAL OP 2H IFF 353 FFP 1708 BHT 192F

40.0°C/hm

33 N 140 W 103 26 10002 0469170410363773 0469173810363723
 10010 033 00036273 71500 3780010 900353FRBG 9100872
 10021 TWP N 140 RGE W 103 SEC 26 055TH PRINCIPAL
 101 NDAK GLEN VAL A 660 FNL 1990 FEL W2 NW NE W0 177
 102 HUNT LAMAR 1-A USA
 103 2443 KB RIDER
 104 2437 DF 2427 GR P LSE NO API 33-033- 00036-00
 105 SPUD 05/07/1972 COMP 06/01/1972 ROTARY D&A
 107 DTD 9100 LTD 9090 FM/TO 353FRBG
 40101 DST 01 7833- 7868 402TYLR 9850 002
 40131 FINAL OP 2H IFF 103 FFP 128 BHT 204F
 40201 DST 02 8392- 9018 353NSSN 9005 003
 40231 FINAL OP 2H IFF 263 FFP 1254 BHT 234F
 40301 DST 03 9028- 9040 353FRBG 004
 40331 FINAL OP 1H IFF 65 FFP 78

40.4°C/hm

33 N 140 W 103 33 10002 0468939310367812 0468946410367665
 10010 033 00029273 80400 5784010 910353FRBG 9216069
 10021 TWP N 140 RGE W 103 SEC 33 055TH PRINCIPAL
 101 NDAK GLEN VAL A 1520 FSL 1320 FEL N 1/2 SE W0 W0 178
 102 MULE CREEK OIL 1-3-33 GOLF-COCC
 103 2610 KB 2598 GR SQUARE BUTTE
 104 2608 DF 2598 GR P API 33-033- 00029 00
 105 SPUD 02/24/1969 COMP 09/15/1969 ROTARY D&A-0
 107 DTD 9210 LTD 9216 FM/TO 353FRBG
 40101 DST 01 9075- 9114 353NSSN HISRUN 004
 40201 DST 02 9073- 9126 353NSSN S005
 40202 OVERLAPS 353FRBG
 40231 FINAL OP 2H IFF 789 FFP 2000 BHT 218F

33 N 140 W 105 21 10002 0469283610394250 0469286410394107
 10010 033 00014273 3780050 901352HNSC 9425968
 10021 TWP N 140 RGE W 105 SEC 21 055TH PRINCIPAL
 101 NDAK GLEN VAL A 1980 FNL 660 FNL C SW NW WF WF 179
 102 HUNT LAMAR 1 KNOTE FARSTULET
 103 2765 KB 2752 GR WILDCAT

06/08/78

PETROLEUM INFORMATION, CORP

33 N 140 W 105 21 104 2760 DF 2750 GR P API 33-033- 00014 00
 105 SPUD 07/28/1968 COMP 08/25/1968 ROTARY D&A-G
 107 DTD 9425 FM/TO 352HNSC
 40101 DST 01 8946- 8986 351MDSN CUSH 1512 WTR S002
 40102 OVERLAPS 354RCLF
 40131 FINAL OP 2H IFF 760 FFP 899 BHT 202F
 40201 DST 02 9044- 9110 353NSSN CUSH 1550 WTR S003
 40231 FINAL OP 2H IFF 691 FFP 780
 40301 DST 03 9130- 9174 351MDSN CUSH 1550 WTR S004
 40331 FINAL OP 2H IFF 818 FFP 1071

33 N 141 W 93 30 10002 0470053310251771 0470039910251556
 10010 089 00138273 3780050 900353FRBG 8635274
 10021 TWP N 141 RGE W 93 SEC 30 055TH PRINCIPAL
 101 NDAK STARK A 1980 FNL 1974 FNL W2 SE NW WF WF

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 711

SUB FILE GEOTHERMAL LISTING

33 N 140 W 105 21 104 2760 DF 2750 GR P API 33-033- 00014 00
 105 SPUD 07/28/1968 COMP 08/25/1968 ROTARY D&A-G
 107 DTD 9425
 40101 DST 01 8946- 8986 351MDSN CUSH 1512 WTR S002
 40102 OVERLAPS 354RCLF
 40131 FINAL OP 2H IFF 760 FFP 899 BHT 202F
 40201 DST 02 9044- 9110 353NSSN CUSH 1550 WTR S003
 40231 FINAL OP 2H IFF 691 FFP 780
 40301 DST 03 9130- 9174 351MDSN CUSH 1550 WTR S004
 40331 FINAL OP 3H IFF 818 FFP 1071

33 N 141 W 93 30 10002 0470053310251771 0470039910251556
 10010 089 00138273 3780050 900353FRBG 8635274
 10021 TWP N 141 RGE W 93 SEC 30 055TH PRINCIPAL
 101 NDAC STARK A 1980 FNL 1936 FNL W2 SE NW 1/4 WF 180
 102 HUNT CHAIR 1 RICHARDSON FARM
 103 2143 KB 2132 GR WILDCAT
 104 GR LSE NO API 33-089- 00138-00
 105 SPUD 10/26/1973 COMP 11/19/1973 ROTARY D&A
 107 DTD 8635 FM/TO 353FRBG
 40101 DST 01 7251- 7340 402TYLR 7296 002
 40131 FINAL OP 0445M IFF 1624 FFP 2923 BHT 275F

33 N 141 W 100 26 10002 0470041610332525 0470022010332530
 10010 007 00184273 27350 8174010 9103540TTR 8255477
 10021 TWP N 141 RGE W 100 SEC 26 055TH PRINCIPAL
 101 NDAC BILLINGS A 1980 FNL 660 FNL SW NW 1/4 W 181
 102 SOUTHERN UNION 1 F-26-14T-100
 103 2556 KB 2544 GR FRANKS CREEK
 104 API 33 007 00184 00
 105 SPUD 03/13/1975 COMP 04/03/1976 ROTARY D&A-0
 107 DTD 8255 LTD 8248 FM/TO 3540TTR
 40101 DST 01 8116- 8179 402TYLR 8148 003
 40131 FINAL OP 1H IFF 115 FFP 140 BHT 210F
 40201 DST 02 STRD 8080- 8180 402TYLR MISRUNS004
 40231 FINAL OP 1H IFF 130 FFP 155

33 N 141 W 100 27 10002 0469934910333374 0469934910333374
 10010 007 00178273 27350 817405 110309DVNN 402TYLR 11100977
 10021 TWP N 141 RGE W 100 SEC 27 055TH PRINCIPAL
 101 NDAC BILLINGS A 660 FSL 1820 FSL E2 SW 1/4 WF 182
 102 SOUTHERN UNION PROD 1-27 BURETNGTON NORTHERN
 103 2641 KB 2628 GR FRANKS CREEK
 104 API 33 007 00178 00
 105 SPUD 11/01/1975 COMP 02/19/1976 ROTARY OIL
 107 DTD 11100 PB 8142 FM/TO 309DVNN
 20102 402TYLR PERF W/ 1/FT 8092- 8108 008
 20141 211100FT BHT 230F
 40101 DST 01 9440- 9478 353NSSN S002
 40102 OVERLAPS 352MSNC
 40131 FINAL OP 1H30M IFF 52 FFP 72

57.4°C/hr

36.9°C/hr

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 712

SUB FILE GEOTHERMAL LISTING

33 N 141 W 100 27 40201 DST 02 10735-10787 306NSKU CUSH 1661 WTR S003
 40202 OVERLAPS 306TRFY
 40231 FINAL OP 2H IFF 1289 FFP 2389
 40301 DST 03 10900-10966 306OPRW 004
 40331 FINAL OP 2H IFF 831 FFP 1088
 40401 DST 04 8057- 8108 419MNS S005
 40402 OVERLAPS 402TYLR
 40431 FINAL OP 2H IFF 226 FFP 352
 50102 402TYLR PERF W/ 1/FT 8092- 8108 007

33 N 141 W 100 34 10002 0469934910334126 0469930210334167
 10010 007 00138273 5475650 911203PRV 12623270
 10021 TWP N 141 RGE W 100 SEC 34 055TH PRINCIPAL
 101 NDAC BILLINGS A 750 FNL 1970 FNL SW NE NW 1/4 WF
 102 MESA PETROLEUM 1-34 FEDERAL
 103 2692 KB 2687 GR WILDCAT

06/08/78

PETROLEUM INFORMATION CORP

PAGE 712

SUB FILE GEOTHERMAL LISTING

33 N 141 W 100 27 40201 DST 02 10735-10787 306NSKU CUSH 1661 WTR S003
 40202 OVERLAPS 306TRFK
 40231 FINAL OP 2H IFF 1289 FFP 2389
 40301 DST 03 10900-10966 306DPRW 004
 40331 FINAL OP 2H IFF 831 FFP 1088
 40401 DST 04 8057- 8108 419MNL S005
 40402 OVERLAPS 402TYLR
 40431 FINAL OP 2H IFF 226 FFP 352
 50102 402TYLR PERF W/ 1/FT 8092- 8108 007

33 N 141 W 100 34 10002 0469934410334126 0469930210334167
 10010 007 00138273 5475650 911203RORV 12623270
 10021 TWP N 141 RGE W 100 SEC 34 055TH PRINCIPAL
 101 NDAK BILLINGS A 750 FNL 1970 FNL SW NE NW WF 183
 102 MESA PETROLEUM 1-34 FEDERAL
 103 2592 KB 2583 GR WILDCAT
 104 2590 DF 2580 GR P API 33-007- 00138 00
 105 SPUD 12/03/1969 COMP 02/08/1970 ROTARY D&A-OG
 107 DTD 12623 FM/TO 203RORV
 40101 DST 01 8003- 8060 402TYLR 8032 002
 40131 FINAL OP 0445M IFF 50 FFP 63 BHT 208F
 40201 DST 02 9336- 9426 3521SNC CUSH 1065 WTR S003
 40202 OVERLAPS 353FRBG 9381
 40231 FINAL OP 2H IFF 183 FFP 727 BHT 243F
 40301 DST 03 10676-10720 306TRFK CUSH 2650 WTR S004
 40302 OVERLAPS 306NSKU 10698
 40331 FINAL OP 1H10M IFF 1242 FFP 2021 BHT 278F
 40401 DST 04 12255-12285 203SNMN CUSH 4289 WTR S005
 40431 FINAL OP 3H IFF 1895 FFP 2754 BHT 208F 12.270
 40501 DST 05 12524-12623 203RORV 12598 S006
 40531 FINAL OP 1H IFF 2384 FFP 3290 BHT 308F

37.0 °C/km
38.5
39.7
37.1
38.0

33 N 142 W 102 7 10002 0471345810365270 0471342510365109
 10010 007 00183273 8174050 900351MDSN 9601477
 10021 TWP N 142 RGE W 102 SEC 7 055TH PRINCIPAL
 101 NDAK BILLINGS A 1833 FNL 1831 FEL SW NE NW WF 184
 102 SOUTHERN UNION PROD 1-7 SHARPS
 103 2414 KB 2402 GR WILDCAT
 104 API 33 007 00183 00
 105 SPUD 03/04/1976 COMP 03/29/1976 ROTARY D&A
 107 DTD 9600 LTD 9601 FM/TO 351MDSN
 40101 DST 01 9233- 9274 353FRBG 002
 40131 FINAL OP 0430M IFF 680 FFP 731 BHT 218F

33 N 142 W 104 22 10002 0470976510383894 0470979410383770
 10010 033 00013273 3780650 901351MDSN 9615868
 10021 TWP N 142 RGE W 104 SEC 22 055TH PRINCIPAL
 101 NDAK BILLINGS A 713 FSL 710 FEL SW SE WF 185
 102 LAMAR PROD 1 EMMET DAILY
 103 2595 KB 2582 GR WILDCAT
 104 2609 DF 2599 GR P API 33-033- 00013 00

06/08/78

PETROLEUM INFORMATION CORP

PAGE 713

SUB FILE GEOTHERMAL LISTING

33 N 142 W 104 22 105 SPUD 07/15/1968 COMP 08/06/1968 ROTARY D&A-G
 107 DTD 9610 LTD 9615 FM/TO 351MDSN
 40101 DST 01 9090- 9150 353CRLS CUSH 1000 WTR 002
 40102 OVERLAPS 354RCLF
 40131 FINAL OP 2H IFF 629 FFP 979 BHT 200F
 40201 DST 02 9246- 9312 351MDSN CUSH 1000 WTR 003
 40231 FINAL OP 2H IFF 573 FFP 683 BHT 210F
 40301 DST 03 9324- 9360 351MDSN CUSH 1000 WTR S004
 40331 FINAL OP 2H IFF 554 FFP 624

33 N 143 W 101 5 10002 0472346710350636 0472354410350622
 10010 007 00189273 19850 2723031 110306TRFK 353N5SN 10635377
 10021 TWP N 143 RGE W 101 SEC 5 055TH PRINCIPAL
 101 NDAK BILLINGS A 2071 FNL 1894 FEL SE SW NE NW DO
 102 FARMERS UNION EXCHANGE 7-5 FEDERAL
 103 2453 KB 2439 GR ELKHORN RANCH
 104 API 33 007 00189 00

06/08/78

PETROLEUM INFORMATION, CORP

33 N 142 W 104 22 105 SPUD 07/15/1968 COMP 08/06/1968 ROTARY DBA-G
 107 DTD 9610 LTD 9615 FM/TO 351MDSN
 40101 DST 01 9090- 9150 353CRLS CUSH 1000 WTR 002
 40102 OVERLAPS 354RCLF
 40131 FINAL OP 2H IFF 629 FFP 979 BHT 200F
 40201 DST 02 9246- 9312 351MDSN CUSH 1000 WTR 003
 40231 FINAL OP 2H IFF 573 FFP 683 BHT 210F
 40301 DST 03 9324- 9360 351MDSN CUSH 1000 WTR 5004
 40331 FINAL OP 2H IFF 554 FFP 624

33 N 143 W 101 5 10002 0472346710350636 0472354410350622
 10010 007 00189273 19850 2723031 110306TRFK 353NSSN 10635377
 10021 TWP N 143 RGE W 101 SEC 5 055TH PRINCIPAL
 101 NDAK BILLINGS A 2071 FNL 1894 FEL SE SW NE 40 DO 186
 102 FARMERS UNION EXCHANGE 7-5 FEDERAL
 103 2453 KB 2439 GR ELKHORN RANCH
 104 API 33 007 00189 00
 105 SPUD 09/14/1976 COMP 02/12/1977 ROTARY OIL
 107 DTD 10630 LTD 10635 FM/TO 306TRFK
 20102 353NSSN PERF 9372- 9372 008
 40101 DST 01 9360- 9378 353NSSN 9369 5002
 40131 FINAL OP 1H IFF 195 FFP 383 BHT 228F
 40201 DST 02 9425- 9436 353FRBG 9430 5003
 40231 FINAL OP 1H IFF 345 FFP 570 BHT 233F
 50102 353NSSN PERF 9372- 9372 005
 50202 353NSSN PERF 9372- 9372 006
 50302 353NSSN PERF 9372- 9372 007

35.6 °C/hm
36.3

33 N 143 W 101 6 10002 0472364410352962 0472363110352708
 10010 007 00173273 19850 2723011 110306TRFK 353NSSN 10650175
 10021 TWP N 143 RGE W 101 SEC 6 055TH PRINCIPAL
 101 NDAK BILLINGS A 1350 FNL 2100 FEL NW SW NE 40 DO 187
 102 FARMERS UNION CENTRAL 7-6 FEDERAL
 103 2440 GR ELKHORN RANCH
 104 2445 DF 2435 GR P LSE NO API 33-007- 00173-00
 105 SPUD 07/21/1975 COMP 11/14/1975 ROTARY OIL
 107 DTD 10650 FM/TO 306TRFK
 20102 353NSSN PERF W/ 2/FT 9373- 9377 006
 20150 WTR
 40101 DST 01 9368- 9383 353NSSN 9376 5002
 40131 FINAL OP 1H IFF 699 FFP 874 BHT 234F
 40201 DST 02 9394- 9409 353NSSN 9402 003
 40231 FINAL OP 1H IFF 686 FFP 711 BHT 234F
 50102 353NSSN PERF W/ 2/FT 9373- 9377 005

36.7 °C/hm
36.6

33 N 143 W 101 6 10002 0472306210352354 0472308710352104
 10010 007 00179273 19850 2723061 110353FRBG 353NSSN 9650K76
 10021 TWP N 143 RGE W 101 SEC 6 055TH PRINCIPAL
 101 NDAK BILLINGS A 1642 FSL 682 FEL SW NE SE 40 DO 188
 102 FARMERS UNION EXCH 9-6 FEDERAL
 103 2311 KB 2297 GR ELKHORN RANCH

06/08/78

PETROLEUM INFORMATION, CORP

33 N 143 W 101 6 104 2307 DF 2297 GR P LSE NO API 33-007- 00179-00
 105 SPUD 08/07/1976 COMP 11/07/1976 ROTARY OIL
 107 DTD 9650 LTD 9645 FM/TO 353FRBG
 20102 353NSSN PERF W/ 4/FT 9216- 9221 006
 40101 DST 01 9217- 9233 353NSSN 5002
 40110 GAS TS IN 10M AT 55 MCFD
 40111 GAS TS IN 30M AT 120 MCFD
 40131 FINAL OP 1H IFF 130 FFP 280 BHT 230F
 40201 DST 02 9244- 9258 353NSSN 5003
 40231 FINAL OP 1H IFF 79 FFP 116 BHT 234F
 40301 DST 03 9221- 9297 353FRBG 5004
 40331 FINAL OP 1H IFF 401 FFP 922 BHT 248F

33 N 143 W 101 11 10002 0472131610344268 0472113810344224
 10010 007 00234273 2723050 911306OPPH 11260077
 10021 TWP N 143 RGE W 101 SEC 11 055TH PRINCIPAL
 101 NDAK BILLINGS A 222 FNL 1881 FNL SW NE SE 40 DO

06/08/78

PETROLEUM INFORMATION CORP

PAGE 714

SUB FILE GEOTHERMAL LISTING

33 N 143 W 101 6 104 2307 DF 2297 GR P LSE NO API 33-007- 00179-00
 105 SPUD 08/07/1976 COMP 11/07/1976 ROTARY OIL
 107 DTD 9650 LTD 9645 FM/TO 353FRBG
 20102 353NSSN PERF W/ 4/FT 9216- 9221 006
 40101 DST 01 9217- 9233 353NSSN S002
 40110 GAS TS IN 10M AT 55 MCFD
 40111 GAS TS IN 30M AT 120 MCFD 9225
 40131 FINAL OP 1H IFF 130 FFP 280 BHT 230F
 40201 DST 02 9244- 9258 353NSSN 9251 S003
 40231 FINAL OP 1H IFF 79 FFP 116 BHT 234F
 40301 DST 03 9281- 9297 353FRBG 9287 S004
 40331 FINAL OP 1H IFF 401 FFP 972 BHT 248F

36.6 °C / km
 37.2
 39.8

33 N 143 W 101 11 10002 0472131610344268 0472113810344224
 10010 007 00234273 2723050 9113060PRW 11260K77
 10021 TWP N 143 RGE W 101 SEC 11 055TH PRINCIPAL
 101 NDAK BILLINGS A 622 FSL 1981 FEL SILENE SE WF WF 189
 102 FARMERS UNION CENT EXCH 15-11 WHITE TAIL CREEK
 103 2517 KB 2505 GR WILDCAT
 104 API 33 007 00234 00
 105 SPUD 11/06/1977 COMP 12/23/1977 ROTARY D&A-06
 107 DTD 11260 LTD 11257 FM/TO 3060PRW
 40101 DST 01 9460- 9510 353NSSN S002
 40131 FINAL OP 1H30M IFF 301 FFP 288 BHT 208F
 40201 DST 02 9510- 9530 353FRBG S003
 40202 OVERLAPS 353NSSN
 40231 FINAL OP 1H30M IFF 534 FFP 1038 BHT 214F

33 N 143 W 102 1 10002 0472327710354172 0472328610353974
 10010 007 00177273 19850 2723061 110353FRBG 353NSSN 9606476
 10021 TWP N 143 RGE W 102 SEC 1 055TH PRINCIPAL
 101 NDAK BILLINGS A 3315 FSL 520 FEL SILENE SE DO 190
 102 FARMERS UNION EXCHANGE 9-1 BURLINGTON NORTHERN
 103 2285 KB 2272 GR ELKHORN RANCH
 104 API 33 007 00177 00
 105 SPUD 09/14/1975 COMP 03/20/1976 ROTARY OIL
 107 DTD 9600 LTD 9594 PB 9230 FM/TO 353FRBG
 20102 353NSSN PERF W/ 4/FT 9213- 9217 007
 20150 WTR 9218
 40101 DST 01 9211- 9225 353NSSN CUSH 1500 WTR S002
 40131 FINAL OP 1H IFF 663 FFP 751 BHT 230F
 40201 DST 02 9237- 9249 359MSSP CUSH 1500 WTR S003
 40231 FINAL OP 1H IFF 751 FFP 928 BHT 238F 9243
 50102 359MSSP PERF W/ 4/FT 9238- 9243 005
 50202 353NSSN PERF W/ 4/FT 9213- 9217 006

36.6 °C / km
 38.0

33 N 144 W 91 16 10002 0472900910221233 0472866210221008
 10010 025 00047273 3780050 900351LDGP 8720173
 10021 TWP N 144 RGE W 91 SEC 16 055TH PRINCIPAL
 101 NDAK DUNN A 1980 FSL 659 FEL F2 NE SE WF WF 191
 102 HUNT LAMAR 1 STATE

06/08/78

PETROLEUM INFORMATION CORP

PAGE 715

SUB FILE GEOTHERMAL LISTING

33 N 144 W 91 16 103 2121 KB 2119 GR WILDCAT
 104 2155 DF 2106 GR P LSE NO API 33-025- 00047-00
 105 SPUD 11/10/1972 COMP 12/04/1972 ROTARY D&A
 107 DTD 8720 FM/TO 351LDGP
 40101 DST 01 8320- 8392 352MSMC 002
 40131 FINAL OP 2H IFF 488 FFP 2065 BHT 182F

33 N 144 W 99 14 10002 0472866810318319 0472844710318173
 10010 007 00216273 6500550 910351LDGP 10345K77
 10021 TWP N 144 RGE W 99 SEC 14 055TH PRINCIPAL
 101 NDAK BILLINGS A 740 FSL 810 FEL HUN CC SE WF WF
 102 WILCO PROD 1 TACHEIKO
 103 2721 GR WILDCAT
 104 2749 DF 2730 GR P LSE NO API 33-007- 00216-00
 105 SPUD 07/15/1977 COMP 08/23/1977 ROTARY D&A-0
 107 DTD 10345 FM/TO 351LDGP
 40101 DST 01 9941-10044 352MSMC 005

1.00
L
RV
31
004

4958
OK77

WFD

2.00
L
NC
005
S002
S003

3167
0477

WFD

1-00
L
NC
005
S002
EN

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PAGE 716

SUB FILE GEOTHERMAL LISTING

33 N 144 W 101 31 107 DTD 9600 LTD 9602 FM/TD 353FRBG
40101 DST 01 9476- 9516 353NSSN 5002
40110 GAS TS 1H 30M TSTM 9496
40131 FINAL OP 1H IFF 761 FFP 811 BHT 246F 5003
40201 DST 02 9535- 9543 353FRBG 7539
40231 FINAL OP 1H IFF 811 FFP 1073 BHT 246F 5004
40301 DST 03 9500- 9519 353NSSN
40310 GAS
40331 FINAL OP 4H IFF 721 FFP 1143

0 38.6 °C/ft
0 38.4

33 N 144 W 101 32 10002 0472417510351119
10010 007 00158273 19850 2723011 110351BKKN 353NSSN 10669K74
10021 TWP N 144 RGE W 101 SEC 32 055TH PRINCIPAL
101 NDAK BILLINGS A 622 FSL 1949 FHL SH SE SW NO WFO 195
102 FARMERS UNION EXCHANGE 14-32 FEDERAL
103 2486 GR ELKHORN
104 2500 DF 2489 GR P LSE NO API 33-007- 00158-00
105 SPUD 08/11/1974 COMP 11/24/1974 ROTARY OIL
107 DTD 10669 PB 9450 FM/TD 351BKKN
20102 353NSSN 9410- 9414 006
20150 HTR
40101 DST 01 10450-10660 351LDGP CWSH 2006 HTR 003
40102 OVERLAPS 351BKKN
40131 FINAL OP 1H30M IFF 997 FFP 1016 BHT 239F
50102 353FRBG PERF JET W/ 4/FT 9471- 9475 004
50202 353NSSN PERF JET W/ 4/FT 9410- 9414 005
50302 353NSSN 9410- 9414 006
50350 HTR

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33 N 144 W 102 2 10002 0473255910356819 0473260210356850
10010 007 00153273 74000 9999910 911353FRBG 9402K73
10021 TWP N 144 RGE W 102 SEC 2 055TH PRINCIPAL
101 NDAK BILLINGS A 1147 FNL 1932 FEL 2-1 W NE NW WFO 196
102 BOMAC EXPL ETAL 2-1 W S SOUT
103 2254 GR ROUGH RIDER
104 API 33 007 00153 00
105 SPUD 07/31/1973 COMP 09/01/1973 ROTARY D&A-OG
107 DTD 9400 LTD 9402 FM/TD 353FRBG
40101 DST 01 9276- 9312 353NSSN 9294 5002
40131 FINAL OP 3H30M IFF 655 FFP 890 BHT 242F
40201 DST 02 9284- 9327 353NSSN 9306 5003
40231 FINAL OP 3H IFF 222 FFP 902 BHT 243F

0 38.6 °C/ft
0 38.8

33 N 144 W 102 14 10002 0472847610356374 0472867310356286
10010 007 00130273 7850550 910353FRBG 9950868
10021 TWP N 144 RGE W 102 SEC 14 055TH PRINCIPAL
101 NDAK BILLINGS A 660 FSL 670 FEL W2 SE SE WFO WFO 197
102 SHELL OIL ETAL 44-14 GOUT
103 2341 KB 2329 GR WILDCAT
104 2350 DF 2340 GR P API 33-007- 00130 00
105 SPUD 05/31/1968 COMP 07/01/1968 ROTARY D&A-0

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06/08/78

PAGE 717

SUB FILE GEOTHERMAL LISTING

33 N 144 W 102 14 107 DTD 9950 FM/TD 353FRBG
40101 DST 01 9315- 9360 353NSSN MISRUN 003
40201 DST 1A 9315- 9360 353NSSN 004
40231 FINAL OP 1H07M IFF 786 FFP 852 BHT 235F

33 N 145 W 94 6 10002 0474129910270735 0474129810270718
10010 025 00062273 45000 6500551 110203RDRV 203RDRV 13700277
10021 TWP N 145 RGE W 94 SEC 6 055TH PRINCIPAL
101 NDAK DUNN A 660 FNL 1980 FHL C NE NW WFO WFO
102 AMOCO PRODUCTION 1 GRANT CARLSON
103 2340 KB 2324 GR KILLDEER
104 API 33 025 00062 00
105 SPUD 10/11/1976 COMP 01/30/1977 ROTARY OIL
107 DTD 13700 PB 13632 FM/TD 203RDRV
20102 203RDRV PERF JET W/ 2/FT 13550-13578 GROSS 008
40101 DST 01 10687-10800 351MDSN 5005
40131 FINAL OP 2H IFF 1419 FFP 1419 BHT 215F

SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 717

SUB FILE GEOTHERMAL LISTING

33 N 144 W 102 14 107 DTD 9950 FM/TO 353PPAG
40101 DST 01 9315- 9360 353NSSH MISRUN 003
40201 DST 1A 9315- 9360 353NSSH 9338 GUN
40231 FINAL OP 1H07M IFP 786 FFP 852 BHT 235F

33 N 145 W 94 6 10002 0474129910270735 0474129810270718
10010 025 00062273 45000 6500561 110203RDRV 203RDRV 13700277
10021 TWP N 145 RGE W 94 SEC 6 055TH PRINCIPAL
101 NDAK DUNN A 660 FNL 1980 FEL C NE NW WFO 198
102 AMOCO PRODUCTION 1 GRANT CARLSON
103 2340 KB 2324 GR KILLDEER
104 API 33 025 00062 00
105 SPUD 10/11/1976 COMP 01/30/1977 ROTARY OIL
107 DTD 13700 PB 13622 FM/TO 203RDRV
20102 203RDRV PERF JET W/ 2/FT 13550-13578 GROSS 008
40101 DST 01 10687-10800 351MDSN 5005
40131 FINAL OP 2H IFP 1419 FFP 1419 BHT 215F
40201 DST 02 1354-13657 203RDRV 5006
40231 FINAL OP 1H IFP 2234 FFP 3053 BHT 269F

33 N 145 W 94 6 10002 0474066410269846 0474087610269763
10010 025 00072273 45000 6500511 10203RDRV 203RDRV 13630377
10021 TWP N 145 RGE W 94 SEC 6 055TH PRINCIPAL
101 NDAK DUNN A 2140 FNL 820 FEL C SE NW WFO DO 199
102 AMOCO PROD B-1 GRANT CARLSON
103 2291 KB 2274 GR KILLDEER
104 2287 DF 2272 GR P LSE NO API 33-025- 00072-00
105 SPUD 04/26/1977 COMP 11/15/1977 ROTARY OIL
107 DTD 13630 PB 13587 FM/TO 203RDRV
20102 203RDRV PERF JET W/ 2/FT 13288-13528 GROSS 011
20141 213630FT BHT 220F
50102 203RDRV PERF JET W/ 2/FT 13504-13528 GROSS 008
50202 203RDRV PERF JET W/ 2/FT 13288-13488 GROSS 009
50302 203RDRV PERF JET W/ 2/FT 13510-13521 010

33 N 145 W 94 7 10002 0473989610269821 0473989810269692
10010 025 00069273 99999 650055 110203RDRV 203RDRV 14250077
10021 TWP N 145 RGE W 94 SEC 7 055TH PRINCIPAL
101 NDAK DUNN A 660 FNL 660 FEL C NE NW WFO 200
102 AMOCO PROD 1 BERENT-SELLE
103 2327 KB 2310 GR UNNAMED
104 2322 DF 2312 P API 33 025 00069 00
105 SPUD 02/05/1977 COMP 08/08/1977 ROTARY OIL
107 DTD 14250 PB 13940 FM/TO 203RDRV
20102 203RDRV PERF JET W/ 2/FT 13322-13598 GROSS 009
40101 DST 01 9185- 9287 353K8BY CUSH 1500 WTR 5004
40131 FINAL OP 1H IFP 727 FFP 822 BHT 204F
40201 DST 02 12903-12938 251TRLK MISRUN 005
50102 203RDRV PERF JET W/ 2/FT 14060-14070 007
50202 203RDRV PERF JET W/ 2/FT 12912-12964 GROSS 008

37.1 °C/m

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SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 718

SUB FILE GEOTHERMAL LISTING

33 N 145 W 97 18 10002 0473738810308668 0473709910308500
10010 025 00064273 51000 3170552 101306DPRV 352MSNC 11840377
10021 TWP N 145 RGE W 97 SEC 18 055TH PRINCIPAL
101 NDAK DUNN A 660 FNL 1980 FEL C SW SE NW WFO
102 GULF OIL 1 STATE
103 2614 KB 2587 GR LITTLE KNIFE
104 2610 DF 2601 GR P LSE NO API 33-025- 00064-00
105 COMP 02/08/1977 ROTARY GAS
107 DTD 11840 PB 11287 FM/TO 306DPRV
20102 352MSNC PERF 9822- 9830 006
40101 DST 01 9785- 9820 352MSNC MISRUN 002
40201 DST 02 9785- 9820 352MSNC REVOUTS003
40210 GAS TS IN 0H12M /NO GAUGE/
40211 GAS TS IN 0H 6M /12/64 CK/
40231 FINAL OP 1H20M IFP 27 FFP 832 BHT 236F
40301 DST 03 9820- 9932 352MSNC 5004
40310 GAS TS IN 0H05H /NO GAUGE/

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06/08/78

PAGE 718

SUB FILE GEOTHERMAL LISTING

33 N 145 W 97 18 10002 0473738810308668 0473709910308500
10010 025 00064273 51000 3170552 1013060PRM 352MSNC 11840377
10021 TWP N 145 RGE W 97 SEC 18 055TH PRINCIPAL
101 NOAK MCKENZIE A 660 FSL 1980 FEL SH SE NE D WFD 201
102 GULF OIL 1 STATE
103 2614 KB 2587 GR LITTLE KNIFE
104 2610 DF 2601 GR P LSE NO API 33-025- 00064-00
105 COMP 02/08/1977 ROTARY GAS
107 DTD 11840 PB 11287 FM/TO 3060PRM
20102 352MSNC PERF 9822- 9830 006
40101 DST 01 9785- 9820 352MSNC M15RUM 002
40201 DST 02 9785- 9820 352MSNC REVOUTS003
40210 GAS TS IN OH12M /NO GAUGE/
40211 GAS TS IN OH 6M /12/64 CK/ 9802
40231 FINAL OP 1M30M IFF 27 FFP 832 BHT 236F
40301 DST 03 9820- 9932 352MSNC SQQ4
40310 GAS TS IN OH05M /NO GAUGE/
40311 OIL TS IN OH16M /NO GAUGE/
40331 FINAL OP OH10M IFF 2180 FFP 2767

35.5°C/ftm

33 N 145 W 99 11 10002 0473957310325472 0473552410325414
10010 053 00632273 8971050 900352MSNC 10320274
10021 TWP N 145 RGE W 99 SEC 11 055TH PRINCIPAL
101 NOAK MCKENZIE A 2080 FNL 1983 FEL SH SW NE D WFD 202
102 TIGER OIL 1-11 HAINSONSRY ETAL
103 2680 KB 2668 GR WILDCAT
104 2677 DF 2667 GR P LSE NO API 33-053- 00632-00
105 SPUD 06/14/1974 COMP 07/11/1974 ROTARY D&A
107 DTD 10320 LTD FM/TO 352MSNC
40101 DST 01 9964-10022 352MSNC 9493 002
40131 FINAL OP 1M30M IFF 498 FFP 952 BHP 240F

35.6°C/ftm

33 N 145 W 101 13 10002 0473857010348925 0473830110348956
10010 053 00737273 74000 69836 110352MSNC 352MSNC 9612378
10021 TWP N 145 RGE W 101 SEC 13 055TH PRINCIPAL
101 NOAK MCKENZIE A 360 FNL 2100 FEL SW NW NE D WFD 203
102 BELCO PET 2-13 EDGAR-BR
103 2387 KB 2370 GR ROUGH RIDER
104 API 33 053 00737 00
105 SPUD 12/22/1977 COMP 03/05/1978 ROTARY OIL
107 DTD 9612 FM/TO 352MSNC
20102 352MSNC PERF 9498- 9500 005
40101 DST 01 9471- 9485 352MSNC 9478 S002
40110 GAS TS IN 1M15M AT 58 MCFD
40131 FINAL OP 1M IFF 112 FFP 188 BHT 243F
40201 DST 02 9495- 9511 352MSNC S003
40210 GAS TS IN 55M AT 36 MCFD
40211 GAS TS IN AT 26 MCFD 9503
40231 FINAL OP 1M30M IFF 253 FFP 597 BHT 244F

38.1°C/ftm

38.2

33 N 145 W 101 16 10002 0473753210354803 0473750710354657

06/08/78

PAGE 719

SUB FILE GEOTHERMAL LISTING

33 N 145 W 101 16 10010 053 00693273 74000 698360 901351MDSN 9622677
10021 TWP N 145 RGE W 101 SEC 16 055TH PRINCIPAL
101 NOAK MCKENZIE A 990 FSL 860 FEL NW SE SE D D
102 BELCO PET 9-16 STATE
103 2385 GR ROUGH RIDER
104 API 33 053 00693 00
105 SPUD 04/24/1977 COMP 05/17/1977 ROTARY D&A-G
107 DTD 9622 FM/TO 351MDSN
40101 DST 01 9493- 9524 S002
40131 FINAL OP 1M30M IFF 818 FFP 1836 BHT 265F

33 N 145 W 101 21 10002 0473675910354893 0473676810354745
10010 053 00666273 74000 698361 110351MDSN 352MSNC 9719077
10021 TWP N 145 RGE W 101 SEC 21 055TH PRINCIPAL
101 NOAK MCKENZIE A 1776 FNL 685 FEL NW SE NE D DO
102 BELCO PET

06/08/78

PETROLEUM INFORMATION, CORP

SUB FILE GEOTHERMAL LISTING

33 N 145 W 101 16 10010 053 00693273 74000 698360 901351MDSN 9622677
10021 TWP N 145 RGE W 101 SEC 16 055TH PRINCIPAL
101 NDAK MCKENZIE A 990 FSL 860 FEL NW SE S10 D 204
102 BELCO PET 9-16 STATE
103 2385 GR ROUGH RIDER
104 API 33 053 00693 00
105 SPUD 04/24/1977 COMP 05/17/1977 ROTARY OIL
107 DTD 9622 PB 9622 FM/TO 351MDSN D&A-G
40101 DST 01 9493- 9524 9508 FM/TO 351MDSN
40131 FINAL OP 1H30M IFF 818 FFP 1836 BHT 265F S002

42.2°C/ft

33 N 145 W 101 21 10002 0473675910354893 0473676810354745
10010 053 00666273 74000 698361 110351MDSN 352MSNC 9719077
10021 TWP N 145 RGE W 101 SEC 21 055TH PRINCIPAL
101 NDAK MCKENZIE A 1776 FNL 685 FEL NW SE N10 D0 205
102 BELCO PET 7-21 ROUGH RIDER-FED
103 2559 KB 2547 GR ROUGH RIDER
104 API 33 053 00666 00
105 SPUD 04/10/1976 COMP 08/21/1976 ROTARY OIL
107 DTD 9719 PB 9675 FM/TO 351MDSN
20102 352MSNC PERF W/ 2/FT 9638- 9640 005
40101 DST 01 9625- 9653 352MSNC 9639 S002
40110 GAS TS IN 1H19M /NO GAUGE/
40131 FINAL OP 2H IFF 1013 FFP 1799 BHT 246F
40201 DST 02 9666- 9680 352MSNC S003
40231 FINAL OP 2H IFF 750 FFP 937

38.0°C/ft

33 N 145 W 101 22 10002 0473666710353915 0473666710353821
10010 053 00645273 74000 698361 110353FRBG 352MSNC 9602477
10021 TWP N 145 RGE W 101 SEC 22 055TH PRINCIPAL
101 NDAK MCKENZIE A 1980 FNL 1320 FNL S2 NW 1/4 HPD 206
102 BELCO PETROLEUM 6-22 ROUGH RIDER-FED
103 2400 KB 2387 GR ROUGH RIDER
104 2382 DF 2370 GR P LSE NO API 33-053- 00645-00
105 SPUD 08/06/1975 COMP 11/03/1975 ROTARY OIL
107 DTD 9602 PB 9574 FM/TO 353FRBG
20102 352MSNC PERF W/ 2/FT 9489- 9536 GROSS 004
20141 @ 9602FT BHT 220F
40101 DST 01 9475- 9487 352MSNC S002
40110 GAS TS IN 1H30M AT 37 MCFD /36.5/
40111 GAS TS IN 1H30M AT 29 MCFD /28.4/
40112 GAS TS IN 1H50M AT 30 MCFD /30.2/
40113 GAS TS IN 1H55M AT 36 MCFD /36.5/
40131 FINAL OP 2H IFF 787 FFP 1317 BHT 240F 5498 S003
40201 DST 02 9470- 9526 352MSNC
40231 FINAL OP 1H IFF 857 FFP 1458 BHT 246F

38.6°C/ft

33 N 145 W 101 28 10002 0473467410355229 0473473310355250
10010 053 00605273 74000 698361 110353FRBG 353MSSN 9400574
10021 TWP N 145 RGE W 101 SEC 28 055TH PRINCIPAL
101 NDAK MCKENZIE A 1143 FSL 2308 FEL NW SW SE 10 D0 207

06/08/78

PETROLEUM INFORMATION, CORP

SUB FILE GEOTHERMAL LISTING

33 N 145 W 101 28 102 BELCO PET 4-28 ROUGH RIDER-FEDERAL
103 2179 KB ROUGH RIDER
104 API 33 053 00605 00
105 SPUD 02/04/1973 COMP 05/17/1973 ROTARY OIL
107 DTD 9400 PB 9330 FM/TO 353FRBG
20102 353MSSN PERF W/ 4/FT 9236- 9246 004
40101 DST 01 9190- 9246 353MSSN S002
40110 GAS TS IN 25M W/2-5 FT FLARE
40131 FINAL OP 4H IFF 522 FFP 1810 BHT 190F

33 N 145 W 101 29 10002 0473447110357465 0473449310357451
10010 053 00606273 74000 8971061 110351MDSN 351MDSN 9299173
10021 TWP N 145 RGE W 101 SEC 29 055TH PRINCIPAL
101 NDAK MCKENZIE A 565 FSL 2277 FEL SW SW SE 10 D0
102 TIGER OIL 1-29 ROUGH RIDER-FEDERAL
103 2118 KB 2109 GR ROUGH RIDER
104 2106 DF 2096 GR P LSE NO API 33-053- 00606-00

SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 720

SUB FILE GEOTHERMAL LISTING

33 N 145 W 101 28 102 BELCO PET 4-28 ROUGHRIDER-FEDERAL
 103 2179 KB ROUGH RIDER
 104 API 33 053 00605 00
 105 SPUD 02/04/1973 COMP 05/17/1973 ROTARY OIL
 107 DTG 9400 PB 9330 FM/TO 353FRBG
 20102 353NSSN PERF W/ 4/FT 9236- 9246 004
 40101 DST 01 9190- 9246 353NSSN S002
 40110 GAS TS IN 25M W/2-5 FT FLARE
 40131 FINAL OP 4M IFF 522 FFP 1810 BHT 190F

33 N 145 W 101 29 10002 0473447110357465 0473449310357451
 10010 053 00606273 74000 8971061 110351MDSN 351MDSN 9299J73
 10021 TWP N 145 RGE W 101 SEC 29 055TH PRINCIPAL
 101 NDAK (KENNEDY) A 565 FSL 2277 FEL (SW SH SE) DO 208
 102 TIGER OIL 1-29 ROUGHRIDER-FEDERAL
 103 2118 KB 2109 GR ROUGH RIDER
 104 2106 DF 2096 GR P LSE NO API 33-053- 00606-00
 105 SPUD 04/08/1973 COMP 05/13/1973 ROTARY OIL
 107 DTG 9299 FM/TO 351MDSN
 20102 351MDSN PERF 9194- 9202 006
 20150 WTR
 40101 DST 01 9176- 9192 351MDSN S002
 40131 FINAL OP 3M IFF 318 FFP 1423 BHT 210F
 40201 DST 02 9176- 9192 351MDSN S003
 40231 FINAL OP 3M IFF 231 FFP 831 BHT 218F
 40301 DST 03 9192- 9200 351MDSN S004
 40310 GAS TS IN 25M 2 FT FLARE
 40331 FINAL OP 1M45M IFF 249 FFP 590

33 N 145 W 101 33 10002 0473336310356102 0473311810356161
 10010 053 00601273 99999 698350 900353FRBG 9310174
 10021 TWP N 145 RGE W 101 SEC 33 055TH PRINCIPAL
 101 NDAK (KENNEDY) Q 1550 FNL 2580 FEL (SW SH SE) DO 209
 102 BELCO PETROLEUM 2-33 ROUGHRIDER-FED-BA
 103 2162 KB 2151 GR UNNAMED
 104 GR LSE NO API 33-053- 00601-00
 105 SPUD 12/14/1972 COMP 01/23/1973 ROTARY OIL
 107 DTG 9310 LTD FM/TO 353FRBG
 40101 DST 01 9185- 9231 352MSNC 9208 S002
 40131 FINAL OP 5M IFF 59 FFP 286 BHP 221F
 40201 DST 02 9210- 9231 352MSNC S003
 40231 FINAL OP 45M IFF 526 FFP 678
 40301 DST 03 STRD 8246- 8290 MISRUN 004
 40401 DST 04 STRD 8246- 8290 353K88Y 8268 005
 40431 FINAL OP 15M IFF 2058 FFP 3876 BHP 208F

33 N 145 W 103 18 10002 0473756810385297 0473760210385206
 10010 053 00671273 760010177051 110203RDRV 203RDRV 13065J76
 10021 TWP N 145 RGE W 103 SEC 18 066TH PRINCIPAL
 101 NDAK (KENNEDY) A 1300 FSL 2500 FNL (NE SE SW) WF 210
 102 FARMLAND INTL ENERGY 1-18 FEDERAL

SUB FILE GEOTHERMAL LISTING

F 8

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 721

SUB FILE GEOTHERMAL LISTING

33 N 145 W 103 18 103 2677 KB 2657 GR BICENTENNIAL
 104 2652 DF 2640 GR P LSE NO API 33-053- 00671-00
 105 SPUD 06/18/1976 COMP 10/02/1976 ROTARY OIL
 107 DTG 13065 PB 13009 FM/TO 203RDRV
 111 CSG 5 1/2 IN 3010 W/ 2220 12
 20102 203RDRV PERF W/ 2/FT 12898-13003 GROSS 013
 40101 DST 01 9450- 9520 351MDSN S002
 40110 GAS TS IN 1M40M 2 FT FLARE
 40131 FINAL OP 1M40M IFF 352 FFP 593 BHT 208F
 40201 DST 02 9526- 9560 351MDSN 003
 40231 FINAL OP 0M45M IFF 298 FFP 298 BHT 200F
 40301 DST 03 10846-10892 351MDSN S004
 40331 FINAL OP 1M IFF 299 FFP 399 BHT 210F
 40401 DST 04 11014-11069 306NSKU S005
 40431 FINAL OP 2H IFF 2240 FFP 2197 BHT 228F
 40501 DST 05 11250-11321 306OPRH CUSH 2154 S006

06/08/78

PAGE 721

SUB FILE GEOTHERMAL LISTING

33 N 145 W 103 18 103 2677 KB 2657 GR BICENTENNIAL
104 2652 DF 2640 GR P LSE NO API 33-053-00671-00
105 SPUD 06/18/1976 COMP 10/02/1976 ROTARY OIL
107 DTD 13065 PB 13009 FM/TO 203RDRV
111 CSG 5 1/2 @ 3010 W/ 2220 12
20102 203RDRV PERF W/ 2/FT 12898-13003 GROSS 013
40101 DST 01 9450- 9520 351MDSN S002
40110 GAS TS IN 1M40M 2 FT FLARE
40131 FINAL OP 1M40M IFP 352 FFP 593 BHT 208F
40201 DST 02 9526- 9560 351MDSN 003
40231 FINAL OP 0M45M IFP 298 FFP 298 BHT 200F
40301 DST 03 10846-10892 351MDSN S004
40331 FINAL OP 1H IFP 299 FFP 399 BHT 210F
40401 DST 04 11014-11069 306NSKU S005
40431 FINAL OP 2H IFP 2240 FFP 2197 BHT 228F
40501 DST 05 11250-11321 306OPRW CUSH 2154 S006
40531 FINAL OP 2H IFP 1806 FFP 2701 BHT 230F
40601 DST 06 11908-11960 251TRLK MISRUN 007
40631 FINAL OP 1H IFP 298 FFP 1583 BHT 225F
40701 DST 07 11908-11960 251TRLK CUSH 3000 S008
40731 FINAL OP 1H IFP 298 FFP 1583 BHT 225F
40801 DST 08 12430-12480 251TRLK S009
40831 FINAL OP 2H IFP 1984 FFP 2410 BHT 240F
40901 DST 09 12834-12947 203RDRV S010
40931 FINAL OP 2H IFP 2906 FFP 4384 BHT 240F

33 N 146 W 91 25 10002 0474313810221292 0474307810221374
10010 025 00026273 8510550 910602MDDY 5320K68
10021 TWP N 146 RGE W 91 SEC 25 055TH PRINCIPAL
101 NDAK OIL A 660 FSL 1980 FEL C SW SW WF WF 211
102 SUN OIL 1 R FRANK
103 2180 KB 2172 GR WILDCAT
104 2182 ES 2172 GR P API 33-025-00026 00
105 SPUD 07/25/1968 COMP 08/05/1968 ROTARY D&A-0
107 DTD 5320 FM/TO 602MDDY
40101 DST 01 4711- 4727 602MDDY S002
40131 FINAL OP 2H IFP 211 FFP 402 BHT 126F 0

33 N 146 W 96 11 10002 0474818910288286 0474818310288388
10010 025 00073273 99999 650055 110203RDRV 306OPRW 14350178
10021 TWP N 146 RGE W 96 SEC 11 055TH PRINCIPAL
101 NDAK OIL A 2010 FNL 660 FSL C SW NW WF WFC 212
102 AMOCO PROD 1 WILLYAM C LUBKE
103 2673 KB 2656 GR UNNAMED
104 2663 DF 2651 P API 33 025 00073 00
105 SPUD 03/31/1977 COMP 10/27/1977 ROTARY OIL
107 DTD 14350 PB 11970 FM/TO 203RDRV
20102 306OPRW PERF JET W/ 2/FT 11854-11865 016
40101 DST 01 9877-10012 352MSNC CUSH 2050 WTR S008
40131 FINAL OP 1H IFP 1088 FFP 1160 BHT 240F 9944
40201 DST 02 10237-10286 352MSNC CUSH 2140 WTR S009

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06/08/78

PAGE 722

SUB FILE GEOTHERMAL LISTING

33 N 146 W 96 11 40231 FINAL OP 1H IFP 1177 FFP 1355 BHT 249F
40301 DST 03 11165-11377 306TRFK CUSH 3000 WTR S010
40331 FINAL OP 1H IFP 1336 FFP 1336 BHT 246F
40401 DST 04 11640-11805 306OPRW CUSH 3490 WTR S011
40431 FINAL OP 1H IFP 1866 FFP 2251
40501 DST 05 14045-14090 203RDRV CUSH 6100 WTR S012
40510 GAS TS IN 1M50M
40531 FINAL OP 2H IFP 2722 FFP 2767
50102 203RDRV PERF JET W/ 2/FT 14052-14144 GROSS 014
50202 203RDRV PERF W/ 30/IT 14072-14178 GROSS 015

33 N 146 W 96 36 10002 0474177110286194 0474177110286239
10010 025 00031273 3466050 900203RDRV 14080469
10021 TWP N 146 RGE W 96 SEC 36 055TH PRINCIPAL
101 NDAK OIL A 660 FSL 660 FSL C SW SW WF WF
102 HELMERICH & PAYNE INC 1 STATE OF ND DAKOTA

SUB FILE GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 146 W 96 11 40231 FINAL OP 1H IFF 1177 FFP 1355 BHT 249F
 40301 DST 03 11165-11377 306TRFK CUSH 3000 WTR 5010
 40331 FINAL OP 1H IFF 1336 FFP 1336 BHT 246F
 40401 DST 04 11640-11805 306OPRH CUSH 3490 WTR 5011
 40431 FINAL OP 1H IFF 1866 FFP 2251
 40501 DST 05 14045-14090 203RDRV CUSH 6100 WTR 5012
 40510 GAS TS IN 1H50H
 40531 FINAL OP 2H IFF 2722 FFP 2767
 50102 203RDRV PERF JET W/ 2/FT 14052-14144 GROSS 014
 50202 203RDRV PERF W/ 30/IT 14072-14178 GROSS 015

10262

36.2 °C/ft

33 N 146 W 96 36 10002 0474177110286194 0474177310286239
 10010 025 00031273 3466050 900203RDRV 14080469
 10021 TWP N 146 RGE W 96 SEC 36 055TH PRINCIPAL
 101 MORRIS A 660 FSL 660 FHL C SW SW NE WF 213
 102 HELMERTCH & PAYNE INC 1 STATE OF ND DAKOTA
 103 2435 KB 2420 GR WILDCAT
 104 2429 DF 2419 GR P API 33-025- 00031 00
 105 SPUD 12/31/1968 COMP 03/28/1969 COMB-TL D&A
 107 DTD 14080 LTD 14075 FM/TO 203RDRV
 40101 DST 01 STRD 7738- 7840 419MFLS 003
 40131 FINAL OP 1H IFF 3399 FFP 3560 BHT 190F

33 N 146 W 098 36 10002 0474169610310214 0474145510310182
 10010 053 00725273 51000 9026010 900351MDSN 9700J77
 10021 TWP N 146 RGE W 098 SEC 36 055TH PRINCIPAL
 101 MORRIS A 670 FSL 670 FEL NW SE SE NW WO 214
 102 TRUE OIL 44-36 STATE
 103 2246 GR LITTLE KNIFE
 104 API 33 053 00725 00
 105 SPUD 10/16/1977 COMP 11/18/1977 ROTARY D&A
 107 DTD 9700 FM/TO 351MDSN
 40101 DST 01 9305- 9390 353GRPN 002
 40102 OVERLAPS 351MIDL 9348
 40131 FINAL OP 3H IFF 160 FFP 269 BHT 226F
 40201 DST 02 9545- 9580 352HSHC 003
 40202 OVERLAPS 351MDSN 9562
 40231 FINAL OP 3H IFF 135 FFP 152 BHT 230F

35.3 °C/ft

35.3 °C/ft

33 N 146 W 104 33 10002 0474287710394144 0474303810393937
 10010 053 00499273 34660501911203RDRV 12870067
 10021 TWP N 146 RGE W 104 SEC 33 055TH PRINCIPAL
 101 MORRIS A 660 FSL 1930 FHL NW NE NW WF 215
 102 HELMERTCH & PAYNE INC 1 FEDERAL-MCKENZIE
 10210 SINCLAIR OIL & GAS 1 7009 FEDERAL-MCKENZIE
 103 2515 KB 2501 GR WILDCAT
 104 2510 DF 2498 GR P API 33-053- 00499-00
 105 SPUD 08/07/1967 COMP 09/24/1967 ROTARY REDRILL D&AWOG
 107 DTD 12870 LTD 12860 DTD 9937 FM/TO 203RDRV
 40101 DST 01 11046-11163 306OPRH CUSH 3000 WTR 001
 40131 FINAL OP 2H IFF 2866 FFP 4949 BHT 210F

SUB FILE GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 146 W 104 33 40201 DST 02 11204-11281 306OPRH CUSH 3000 WTR 002
 40202 OVERLAPS 306SRV
 40231 FINAL OP 2H IFF 1495 FFP 1627
 40301 DST 03 11570-11624 302WPGS 003
 40331 FINAL OP 1H IFF 1602 FFP 1602 BHT 216F
 40401 DST 04 11624-11674 302WPGS 004
 40431 FINAL OP 2H IFF 1646 FFP 1799 BHT 220F
 40501 DST 05 12600-12659 203RDRV 005
 40531 FINAL OP 1H
 40601 DST 06 12690-12772 203RDRV CUSH 4500 WTR 5006
 40631 FINAL OP 2H IFF 1982 FFP 2192
 40701 DST 07 12766-12826 203RDRV CUSH 4584 WTR 5007
 40731 FINAL OP 2H IFF 1905 FFP 2170

33 N 147 W 80 11 10002 0475676610083130 0475682810083131
 10010 055 00018273 9999950 900359MSSP 4596375
 10021 TWP N 147 RGE W 80 SEC 11 055TH PRINCIPAL
 101 MORRIS A 2130 FSL 2130 FEL SW SW NE WF
 102 PANCANADIAN PETROLEUM 1 FUELLER
 103 1897 KB 1890 GR WILDCAT

SUB FILE GEOTHERMAL LISTING

06/08/78

M 8
PETROLEUM INFORMATION, CORP

PAGE 723

SUB FILE GEOTHERMAL LISTING

33 N 146 W 104 33 40201 DST 02 11204-11281 306DPRM CUSH 3000 WTR 002
 40202 OVERLAPS 306SRRV
 40231 FINAL OP 2H IFF 1495 FFP 1627
 40301 DST 03 11570-11624 302MPGS
 40331 FINAL OP 1H IFF 1602 FFP 1602 BHT 216P 003
 40401 DST 04 11624-11674 302MPGS 004
 40431 FINAL OP 2H IFF 1646 FFP 1799 BHT 220F
 40501 DST 05 12600-12659 203RDRV 005
 40531 FINAL OP 1H
 40601 DST 06 12640-12772 203RDRV CUSH 4500 WTR 5006
 40631 FINAL OP 2H IFF 1982 FFP 2192
 40701 DST 07 12766-12826 203RDRV CUSH 4584 WTR 5007
 40731 FINAL OP 2H IFF 1905 FFP 2170

33 N 147 W 80 11 10002 0475676610083130 0475682810083131
 10010 055 00018273 9992950 900352MSSP 4596375
 10021 TWP N 147 RGE W 80 SEC 11 055TH PRINCIPAL
 101 NOK (MCLERN) A 2130 FNL 2130 FEL (SH SH NE) WF WF 216
 102 PANORAMIAN PETROLEUM 1 FUETTER
 103 1892 KB 1880 GR WILDCAT
 104 API 33 055 00018 00
 105 SPUD 01/18/1973 COMP 01/27/1973 ROTARY D&A
 107 DTD 4596 FM/TO 359MSSP
 40101 DST 01 4490- 4596 353KBBY 003
 40110 WTR TS IN AT 180 BHP
 40131 FINAL OP 1H30M IFF 2012 FFP 2207 BHT 129F 0

33 N 147 W 96 22 10002 0475329110289053 0475326310288949
 10010 025 00059273 63000 948625 110203RDRV 351MDSN 11930977
 10021 TWP N 147 RGE W 96 SEC 22 055TH PRINCIPAL
 101 NOK (DUDN) A 660 FSL 660 FEL (SE SE) WF WFD 217
 102 HAMILTON BROS 1-22 BANK OF N DAKOTA
 103 2563 KB 2548 GR ORKDALE
 104 API 33 025 00059 00
 105 SPUD 11/11/1975 COMP 06/10/1976 ROTARY OIL
 107 DTD 11930 FM/TO 203RDRV
 20102 351MDSN PERF W/ 2/FT 9816- 9844 GROSS 022
 40101 DST 01 9625- 9682 002
 40131 FINAL OP 1H IFF 805 FFP 830 BHT 210F
 40201 DST 02 9700- 9769 003
 40231 FINAL OP 1H IFF 780 FFP 830
 40301 DST 03 9700- 9769 004
 40331 IFF 780 FFP 830
 40401 DST 04 9778- 9900 5005
 40431 FINAL OP 1H IFF 937 FFP 1078
 40501 DST 05 9988-10017 CUSH 2005 WTR 5006
 40531 FINAL OP 1H IFF 921 FFP 952
 40601 DST 06 11120-11252 351BKKK CUSH 3090 WTR 5007
 40610 GAS TS IN 15A
 40631 FINAL OP 2H IFF 1550 FFP 1572
 40701 DST 07 11382-11515 351BKKK CUSH 1581 WTR 5008

SUB FILE GEOTHERMAL LISTING

06/08/78

M 8
PETROLEUM INFORMATION, CORP

PAGE 724

SUB FILE GEOTHERMAL LISTING

33 N 147 W 96 22 40702 OVERLAPS 306NSKU 306DPRM
 40731 FINAL OP 1H IFF 1344 FFP 2069 BHT 214F
 40801 DST 08 11382-11520 351BKKK MISRUN 009
 40802 OVERLAPS 306NSKU 306DPRM
 40901 DST 09 11604-11705 306DPRM MISRUN 010
 41001 DST 10 11594-11705 306DPRM MISRUN 011
 41101 DST 11 11594-11705 306DPRM MISRUN 012
 50102 306DPRM PERF W/ 19/FT 11832-11853 GROSS 015
 50202 306DPRM PERF W/ 1/FT 11620-11674 GROSS 016
 50302 306NSKU PERF W/ 1/FT 11466-11474 017
 50402 351BKKK PERF 11235-11291 GROSS 018
 50502 351BKKK PERF 11142-11291 GROSS 019
 50602 351MDSN PERF JET W/ 2/FT 9866- 9885 GROSS 020
 50702 351MDSN PERF W/ 2/FT 9816- 9844 GROSS 021

33 N 147 W 96 27 10002 047525810288876 0475252610288898
 10010 025 00078273 63000 332001-110351MDSN 351MDSN 10132977
 10021 TWP N 147 RGE W 96 SEC 27 055TH PRINCIPAL

06/08/78

PETROLEUM INFORMATION CORP

PAGE 721

SUB FILE GEOTHERMAL LISTING

33 N 147 W 96 22 40702 OVERLAPS 306NSKU 306DPRW
40731 FINAL OP 1H IFF 1344 FFP 2069 BHT 214F
40801 DST 08 11382-11520 351BKKN MISRUN 009
40802 OVERLAPS 306NSKU 306DPRW
40901 DST 09 MISRUN 010
41001 DST 10 11604-11705 306DPRW MISRUN 011
41101 DST 11 11594-11705 306DPRW MISRUN 012
50102 306DPRW PERF W/ 19/1T 11832-11853 GROSS 015
50202 306DPRW PERF W/ 1/FT 11620-11674 GROSS 016
50302 306NSKU PERF W/ 1/FT 11466-11474 017
50402 351BKKN PERF 11235-11291 GROSS 018
50502 351BKKN PERF 11142-11291 GROSS 019
50602 351MDSN PERF JET W/ 2/FT 9866- 9885 GROSS 020
50702 351MDSN PERF W/ 2/FT 9816- 9844 GROSS 021

33 N 147 W 96 27 10002 0475258410288876 0475252610288898
10010 025 00078273 63000 332001 110351MDSN 351MDSN 10000075
10021 TWP N 147 RGE W 96 SEC 27 055TH ABINCLIPAL
101 NDAK (DUNN) A 1980 FNL 660 FNL (C SE NE) HF WF
102 HAMILTON BROTHERS OIL 1-27 ANOCO-HAMKINSON
103 2616 KB 2601 GR OAKDALE
104 2615 OF 2603 GR P LSE NO API 33-025- 00078-00
105 SPUD 06/03/1977 COMP 08/09/1977 ROTARY OIL
107 DTD 10132 PB 10050 FM/TO 351MDSN
20102 351MDSN PERF W/ 4/FT 9860- 9902 005
40101 DST 01 9842- 9902 351MDSN S002
40110 GAS TS IN OH25M AT 100 MCFD 9872
40131 FINAL OP 1H IFF 285 FFP 677 BHT 230F
40201 DST 02 9910- 9945 351MDSN S003
40210 GAS TS IN OH45M TSTM
40231 FINAL OP 1H IFF 151 FFP 175 BHT 224F

33 N 147 W 101 5 10002 0475800410358781 0475802810358525
10010 053 00641273 3170550 900351LOGP 10000075
10021 TWP N 147 RGE W 101 SEC 5 055TH ABINCLIPAL
101 NDAK (CKENZIE) A 2040 FSL 550 FNL (NW NW SW) HF WF
102 GULF OIL 1 BURLEIGHTON NORTHERN
103 2173 GR WILDCAT
104 API 33 053 00641 00
105 SPUD 04/02/1975 COMP 05/07/1975 ROTARY OIL
107 DTD 10050 FM/TO 351LOGP
40101 DST 01 9690- 9728 501SPRF 7709 002
40131 FINAL OP 1H IFF 1198 FFP 1564 BHT 230F

33 N 147 W 103 2 10002 0475762010377267 0475768510377291
10010 053 00612273 2723050 901351LOGP 9943274
10021 TWP N 147 RGE W 103 SEC 2 055TH ABINCLIPAL
101 NDAK (CKENZIE) A 503 FSL 1882 FNL (SW SE SW) HF WF
102 FARMERS UNION EXCHANGE 14-2 FEDERAL
103 2263 KB 2252 GR WILDCAT
104 GR LSE NO API 33-053- 00612-00

06/08/78

PETROLEUM INFORMATION CORP

PAGE 725

SUB FILE GEOTHERMAL LISTING

33 N 147 W 103 2 105 SPUD 07/21/1973 COMP 08/21/1973 O&A-G
107 DTD 9940 LTD 9943 FM/TO 351LOGP
40101 DST 01 9416- 9490 353MSSN MISRUN 002
40201 DST 02 9416- 9490 353MSSN S003
40231 FINAL OP 1H30M IFF 45 FFP 45 BHT 216F
40301 DST 03 9500- 9590 353FRBG MISRUN 004
40331 FINAL OP OH26M IFF 63 FFP 81 BHT 216F
40401 DST 04 9593- 9690 353FRBG 005
40431 FINAL OP 1H IFF 45 FFP 45
40501 DST 05 9737- 9797 353FRBG 006
40531 FINAL OP 1H IFF 52 FFP 94 BHT 228F

33 N 147 W 103 24 10002 0475445510375344 0475444510375497
10010 053 00677273 2723050 911202DRH 13272476

06/08/78

PETROLEUM INFORMATION CORP

SUB FILE GEOTHERMAL LISTING

33 N 147 W 103 2
 105 SPUD 07/21/1973 COMP 08/21/1973 D&A-G
 107 DTD 9940 LTD 9943 FM/TO 351LDGP
 40101 DST 01 9416- 9490 353NSSN MISRUN 002
 40201 DST 02 9416- 9490 353NSSN S003
 40231 FINAL OP 1H30M IFF 45 FFP 45 BHT 216F
 40301 DST 03 9500- 9590 353FR8G MISRUN 004
 40331 FINAL OP 0H26M IFF 63 FFP 81 BHT 216F
 40401 DST 04 9593- 9690 353FR8G 005
 40431 FINAL OP 1H IFF 45 FFP 45
 40501 DST 05 9737- 9797 353FR8G 006
 40531 FINAL OP 1H IFF 52 FFP 94 BHT 228F

33 N 147 W 103 24
 10002 0476445510376344 0476444510376497
 10010 053 00677273 2723080 911203RDRV 13222K76
 10021 TWP N 148 RGE W 103 SEC 24 055TH PRINCIPAL
 101 NDRX DICKENZIE A 800 FSL 660 FHL 62 NH NW 221
 102 FARMERS-ANTON CENTRAL 4-24 ENSTOLER
 103 2262 KB 2242 GR WILDCAT
 104 API 33 053 00677 00
 105 SPUD 10/13/1976 COMP 12/09/1976 ROTARY D&A-OG
 107 DTD 13220 LTD 13222 FM/TO 203RDRV
 40101 DST 01 9248- 9340 354KCLF 002
 40131 FINAL OP 1H IFF 92 FFP 155 BHT 212F
 40201 DST 02 10895-10985 306NSKU 10940 003
 40231 FINAL OP 1H IFF 1362 FFP 3889 BHT 262F
 40301 DST 03 12980-13063 203RDRV S004
 40331 FINAL OP 2H IFF 1811 FFP 2134
 40401 DST 04 13086-13162 203RDRV S005
 40431 FINAL OP 2H IFF 1760 FFP 2066 BHT 280F

36.2°C/min

33 N 148 W 96 3
 10002 0476634810289385 0476624310289421
 10010 025 00058273 51300 3541 110351MDSN 351MDSN 9531977
 10021 TWP N 148 RGE W 96 SEC 3 055TH PRINCIPAL
 101 NDRX DURN A 1980 FSL 1980 FHL 1 SH SE NW HOE 222
 102 ADOBE INVESTMENT CORP 1 SIGNALNESS-A
 103 2147 KB 2144 GR LOST BRIDGE
 104 API 33 025 00058 00
 105 SPUD 08/07/1975 COMP 10/25/1975 ROTARY OIL
 107 DTD 9531 PB 9456 FM/TO 351MDSN
 20102 351MDSN PERF W/ 1/FT 9395- 9402 013
 20111 8 9531FT BHT 194F
 40101 DST 01 9305- 9365 353NSSN S006
 40131 FINAL OP 2H IFF 671 FFP 671 BHT 221F
 40201 DST 02 9390- 9450 353NSSN 9420 S007
 40210 GAS TS IN 10 FT FLARE
 40231 FINAL OP 1H21M IFF 1103 FFP 2028 BHT 225F
 40301 DST 03 9448- 9531 353NSSN S008
 40331 FINAL OP 1H IFF 779 FFP 842
 50102 351MDSN PERF 9395- 9402 010
 50202 351MDSN PERF 9395- 9402 011
 50302 351MDSN PERF 9395- 9402 012

06/08/78

PETROLEUM INFORMATION CORP

SUB FILE GEOTHERMAL LISTING

33 N 148 W 96 11
 10002 0476525110288190 0476515610288232
 10010 025 00060273 51300 35460 711351MDSN 9569476
 10021 TWP N 148 RGE W 96 SEC 11 055TH PRINCIPAL
 101 NDRX DURN A 1980 FSL 1100 FHL E2 NW SW D D
 102 ADOBE INVESTMENT 1 SIGNALNESS-B
 103 2174 GR LOST BRIDGE
 104 API 33 025 00060 00
 105 SPUD 12/07/1975 COMP 04/12/1976 ROTARY TA-OG
 107 DTD 9569 PB 9408 FM/TO 351MDSN
 40101 DST 01 9238- 9286 002
 40131 FINAL OP 1H IFF 491 FFP 545 BHT 234F
 40201 DST 02 9374- 9423 003
 40231 FINAL OP 0H30M IFF 27 FFP 39 BHT 234F
 40301 DST 03 9431- 9485 S004
 40310 GAS TS IN 25M
 40311 GAS TS IN 1H40M AT 23 MCFD /22 9/
 40331 FINAL OP 2H IFF 159 FFP 254 BHT 228F

06/08/78

PETROLEUM INFORMATION CORP

PAGE 726

SUB FILE GEOTHERMAL LISTING

33 N 148 W 96 11 10002 0476525110288190 0476515610288212
 10010 025 00060273 51300 35460 711351MDSN 9569476
 10021 TWP N 148 RGE W 96 SEC 11 055TH PRINCIPAL
 101 NDAC DUNN A 1980 FSL 1100 FWL 02 NW SW D 223
 102 ADOBE INVESTMENT SIGNALNESS-B
 103 2174 GR LOST BRIDGE
 104 API 33 025 00060 00
 105 SPUD 12/07/1975 COMP 04/12/1976 ROTARY TA-OG
 107 DTD 9569 PB 9408 FM/TD 351MDSN
 40101 DST 01 9238- 9286 9232 002
 40131 FINAL OP 1H IFF 491 FFP 545 BHT 234F 37.2°C/m
 40201 DST 02 9374- 9423 7398 003
 40231 FINAL OP 0H30M IFF 27 FFP 39 BHT 234F 36.6
 40301 DST 03 9431- 9485 S004
 40310 GAS TS IN 25M 9458
 40311 GAS TS IN 1H30M AT 23 MCFD 222.9/ 35.3
 40331 FINAL OP 2H IFF 189 FFP 254 BHT 228F
 40401 DST 04 9487- 9569 S005
 40431 FINAL OP 1H IFF 113 FFP 113 BHT 222F
 50102 PERF W/ 1/FT 9432- 9442 007
 50202 PERF W/ 1/FT 9446- 9475 GROSS 008
 50302 PERF 9359- 9368 GROSS 009
 50350 SWTR
 50402 PERF 9359- 9368 GROSS 010
 50450 SWTR

33 N 148 W 97 24 10002 0476214110298019 0476215210297944
 10010 025 00035273 9999950 900203RDRV 14530
 10021 TWP N 148 RGE W 97 SEC 24 055TH PRINCIPAL
 101 NDAC DUNN A 1185 FSL 2105 FEL 01 NW SW WF WF 224
 102 KATHOL PETROLEUM ETAL 1-24 LITTLE RD
 103 2373 KB 2357 GR WILDCAT
 104 API 33-025- 00035 00
 105 SPUD 07/29/1969 COMP 10/19/1969 ROTARY D&A
 107 DTD 14530 FM/TD 203RDRV
 40101 DST 01 9985-10051 351MDSN 002
 40131 FINAL OP 1H30M BHT 236F
 40201 DST 02 14252-14530 203RDRV 003
 40231 FINAL OP 1H30M DEAD BLOW

33 N 148 W 101 15 10002 0476367810354344 0476378610354113
 10010 053 00565273 7850550 911351MDSN 10272468
 10021 TWP N 148 RGE W 101 SEC 15 055TH PRINCIPAL
 101 NDAC MCKENZIE A 1820 FSL 800 FWL 01 SE NW SW WF WF 225
 102 SHELL 04 13X-15 D 0 TURNOUTST
 103 2246 KB 2233 GR WILDCAT
 104 2243 ES 2233 GR P API 33-053- 00565 00
 105 SPUD 02/12/1968 COMP 03/23/1968 ROTARY D&A-OG
 107 DTD 10272 FM/TD 351MDSN
 40101 DST 01 8570- 8674 354METH 8622 REVOUTS002
 40131 FINAL OP 1H30M IFF 47 FFP 71 BHT 210F

06/08/78

PETROLEUM INFORMATION CORP

PAGE 727

SUB FILE GEOTHERMAL LISTING

33 N 148 W 101 22 10002 0476225310353251 0476232210353076
 10010 053 00611273 70800 9026060 901351MDSN 10362474
 10021 TWP N 148 RGE W 101 SEC 22 055TH PRINCIPAL
 101 NDAC MCKENZIE A 1980 FSL 1980 FEL C NW SE D D
 102 TRUE OIL 33-22 WRIGHT
 103 2187 KB 2175 GR RED WING CREEK
 104 API 33 053 00611 00
 105 SPUD 05/17/1973 COMP 07/05/1973 ROTARY D&A-G
 107 DTD 10360 LTD 10362 FM/TD 351MDSN
 40101 DST 01 STRD 9812- 9968 352MDSN S002
 40131 FINAL OP 4H IFF 1187 FFP 1219 BHT 210F
 40201 DST 02 STRD 8440- 8541 353KBBY 003

SUB FILE GEOTHERMAL LISTING

11647
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04577
L
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64 00
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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 727

L 8

SUB FILE GEOTHERMAL LISTING

33 N 148 W 101 22 10002 0476225310353251 0476232210353076
10010 053 00611273 70800 9026060 901351MDSN 10362474
10021 TWP N 148 RGE W 101 SEC 22 055TH PRINCIPAL
101 NDAK MCKENZIE A 1980 FSL 1980 FEL NH SE D DO 226
102 TRUE OIL 33-22 BRIGHT
103 2187 KB 2175 GR RED WING CREEK
104 API 33 053 00611 00
105 SPUD 05/17/1973 COMP 07/05/1973 ROTARY OIL
107 DTD 10360 LTD 10362 FM/TO 351MDSN
40101 DST 01 STRD 9812- 8968 352MSK S002
40131 FINAL OP 4H IFF 1187 FFP 1219 BHT 210F
40201 DST 02 STRD 8440- 8541 353KBBY 003
40231 FINAL OP 4H IFF 673 FFP 737 BHT 196F

33 N 148 W 101 27 10002 0476073110354445 0476080110354148
10010 053 00608273 70800 9026061 110351MDSN 352MSK 9767J77
10021 TWP N 148 RGE W 101 SEC 27 055TH PRINCIPAL
101 NDAK MCKENZIE A 1980 FSL 660 FWL NH SW D DO 227
102 TRUE OIL 13-27 BURLINGTON NORTHERN
103 2175 KB 2163 GR RED WING CREEK
104 2173 OF 2163 P API 33 053 00608 00
105 SPUD 04/02/1973 COMP 02/20/1974 ROTARY OIL
107 DTD 9769 LTD 9766 FM/TO 351MDSN
20102 352MSK PERF W/135/1T 8955- 9754 GROSS 012
40101 DST 01 7180- 7280 353CRLS REVOUTS003
40110 GAS TS IN 0410M AT 278 MCFD
40111 GAS TS IN 27M AT 170 MCFD
40112 GAS TS IN 48M AT 158 MCFD 7230
40113 GAS TS IN 1418M AT 124 MCFD
40131 FINAL OP 2H IFF 271 FFP 570 BHT 226F
50102 352MSK PERF W/ 1/FT 8955- 8970 005
50202 352MSK PERF W/ 1/FT 9400- 9485 GROSS 006
50302 352MSK PERF W/ 14/1T 9507- 9546 007
50402 352MSK PERF W/ 1/FT 9568- 9600 008
50502 352MSK PERF W/ 1/FT 9637- 9667 009
50602 352MSK PERF W/ 1/FT 9688- 9704 010
50702 352MSK PERF W/ 1/FT 9740- 9754 011

45.6 °C/m

33 N 148 W 101 28 10002 0476115010354906 0476122310354658
10010 053 00613273 70800 9026061 110352MSK 353KBBY 10050577
10021 TWP N 148 RGE W 101 SEC 28 055TH PRINCIPAL
101 NDAK MCKENZIE A 1980 FNL 659 FEL E2 SE NE D DO 228
102 TRUE OIL 42-28 BREDWICK
103 2169 KB 2157 GR RED WING CREEK
104 API 33 053 00613 00
105 SPUD 07/08/1973 COMP 12/22/1973 ROTARY OIL
107 DTD 10050 LTD 10031 PB 8106 FM/TO 352MSK
20102 353KBBY PERF W/ 2/FT 8004- 8016 006
40101 DST 01 9220-10050 352MSK 4635 S002
40131 FINAL OP 3H IFF 284 FFP 989 BHT 238F
40201 DST 02 STRD 7912- 8066 353KBBY 003

36.5 °C/m

SUB FILE GEOTHERMAL LISTING

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 728

M 8

SUB FILE GEOTHERMAL LISTING

33 N 148 W 101 28 50102 353KBBY PERF W/ 2/FT 8004- 8016 005
33 N 148 W 101 28 10002 0476048010354896 0476053310354668
10010 053 00622273 70800 9026061 110352MSK 353CRLS 1013-774
10021 TWP N 148 RGE W 101 SEC 28 055TH PRINCIPAL
101 NDAK MCKENZIE A 760 FSL 658 FEL NE SE SE D DO
102 TRUE OIL 44-28 BREDWICK
103 2170 KB 2156 GR RED WING CREEK
104 API 33 053 00622 00
105 SPUD 10/18/1973 COMP 03/12/1974 ROTARY OIL
107 DTD 10135 PE 9736 FM/TO 352MSK
20102 353CRLS PERF W/ 2/FT 9300- 9654 GROSS 004
40101 DST 01 8465- 8562 353KBBY 002
40131 FINAL OP 3H IFF 122 FFP 337 BHT 224F
33 N 148 W 101 29 10002 0476116610356999 0476122910356761
10010 053 00633273 70800 8971040 900351LCP 10500477

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ION CORP PAGE 741

SUB FILE GEOTHERMAL LISTING

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620 00
OIL
SRRV
SS 008

007
SS 005

SS 006

40131 FINAL OP 3H IFF 254 FFP 989 BHT 2387
40201 DST 02 STRD 7912- 8066 353KBBY

M 8

06/08/78 PETROLEUM INFORMATION CORP PAGE 728

SUB FILE GEOTHERMAL LISTING

33 N 148 W 101 28 50102 353KBBY PERF W/ 2/FT 8004- 8016 005

33 N 148 W 101 28 10002 0476048010354896 0476053310354668
10010 053 00622273 70800 9026061 110352MSNC 353CRLS 1013:774
10021 TWP N 148 RGE W 101 SEC 28 055TH PRINCIPAL
101 NDAX HCKENZIE A 760 FSL 658 FEL NE SE SE D 229
102 TRUE OIL 44-28 BREDATCH
103 2170 KB 2156 GR RED HING CREEK
104 API 33 053 00622 00
105 SPUD 10/18/1973 COMP 03/12/1974 ROTARY OIL
107 DTD 10135 PE 9736 FH/TO 352MSNC
20102 353CRLS PERF W/ 2/FT 9300- 9654 GROSS 004
40101 DST 01 8465- 8562 353KBBY 2514 002
40131 FINAL OP 3H IFF 122 FFP 337 BHT 224F

33 N 148 W 101 29 10002 0476116610356999 0476122210356761
10010 053 00633273 70800 8971040 900351LOGP 10500477
10021 TWP N 148 RGE W 101 SEC 29 055TH PRINCIPAL
101 NDAX HCKENZIE A 1900 FNL 500 FEL NE SE NE WP 230
102 TIGER OIL 1-29 BN
103 2245 KB 2233 GR RED HING CREEK
104 2254 OF 2244 P API 33 053 00633 00
105 SPUD 02/04/1974 COMP 06/27/1974 ROTARY OIL
107 DTD 10500 LTD 10494 FM/TO 351LDGP
40101 DST 01 STRD 9856- 9920 353NSSN 003
40131 FINAL OP 0430H IFF 96 FFP 144 BHT 190F

33 N 148 W 102 8 10002 0476570210370177 0476572410369281
10010 053 00692273 9550 4450560 901203DRV 13775578
10021 TWP N 148 RGE W 102 SEC 8 055TH PRINCIPAL
101 NDAX HCKENZIE A 1660 FNL 1500 FEL NE SW NE D 231
102 KEAR HEGEE CORP 1 HOUGEN-STATE
103 2532 KB 2521 GR BOXCAR BUTTE
104 API 33 053 00692 00
105 SPUD 04/29/1977 COMP 06/27/1977 ROTARY OIL
107 DTD 13775 LTD 13772 FM/TO 203DRV
40101 DST 01 9595- 9700 352MSNC 9648 5002
40131 FINAL OP 1430H IFF 816 FFP 1111 BHT 230F
40201 DST 02 13507-13530 203DRV 003
40231 FINAL OP 1430H IFF 1878 FFP 1855 BHT 265F
40301 DST 03 13610-13640 203DRV 004
40331 FINAL OP 2430H IFF 1375 FFP 1398 BHT 265F
40401 DST 04 13635-13745 203DRV 005
40431 FINAL OP 2H IFF 1352 FFP 1374

33 N 148 W 102 16 10002 0476433810369014 0476436410368875
10010 053 00661273 9550 4450561 110203DRV 203DRV 13700077
10021 TWP N 148 RGE W 102 SEC 16 055TH PRINCIPAL
101 NDAX HCKENZIE A 1320 FNL 1320 FNL C NED DO 232
102 KEAR HEGEE CORP 2 STATE
103 2419 KB BOXCAR BUTTE

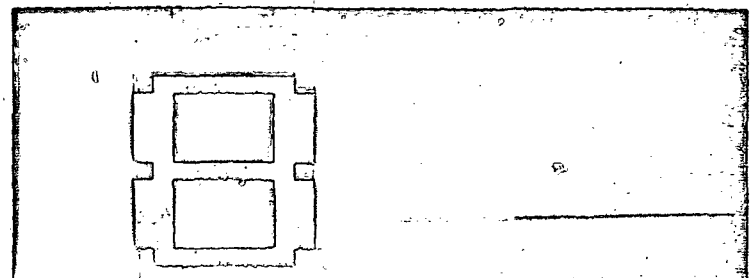
38.3°C/hm

230

231

232

RM	INDEX
A	33 N 148 W 101 31
B	33 N 148 W 102 14
C	33 N 145 W 97 18
D	33 N 145 W 101 16
E	33 N 145 W 101 28
F	33 N 145 W 103 18
G	33 N 146 W 96 11
H	33 N 146 W 104 33
I	33 N 147 W 96 22
J	33 N 147 W 103 2
K	33 N 148 W 96 11
L	33 N 148 W 101 22
M	33 N 148 W 101 28



SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

5063
3K77
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2 00
A-G
NH
S002
S003
004

SUB FILE GEOTHERMAL LISTING

33 N 148 W 102 16 104 2413 DF 2401 P API 33 053 00661 00
105 SPUD 09/09/1976 COMP 11/22/1976 ROTARY OIL
107 DTD 13700 LTD 13687 PB 13632 FM/TD 203RDRV
111 CSG 5 1/2 213700 W 2925 03
20102 203RDRV PERF W/ 1/FT 13500-13575 004
20141 213700FT BHT 260F
33 N 148 W 104 20 10002 0476308810395112 0476305810394958
10010 053 00712273 99999 112455 110352MSNC 352MSNC 9590K77
10021 TWP N 148 RGE W 104 SEC 20 055TH PRINCIPAL
101 NOAK MCKENZIE A 665 FNL 2134 FNL (SH NW NE) WFD 233
102 BRANL WELC ARMSTRG&BNDR 20-31 FEDERAL
103 2235 KB 2225 GR UNNAMED
104 API 33 053 00712 00
105 SPUD 07/24/1977 COMP 09/04/1977 ROTARY OIL
107 DTD 9590 PB 9523 FM/TD 352MSNC
20102 352MSNC PERF W/ 1/FT 9377- 9505 005
20141 9590FT BHT 199F
40101 DST 01 9143- 9220 354RCLF S002
40131 FINAL OP BH IFF 1124 FFP 1344 BHT 199F
40201 DST 02 9282- 9460 353NSSN S003
40202 OVERLAPS 352R1VL
40231 FINAL OP 4H IFF 114 FFP 1449
33 N 148 W 105 14 10002 0476465110403262 0476465610403167
10010 053 00681273 99999 112455 110352MSNC 354RCLF 9180477
10021 TWP N 148 RGE W 105 SEC 14 055TH PRINCIPAL
101 NOAK MCKENZIE A 660 FNL 310 FNL (SH NW NE) WFD 234
102 BRANL WELC ARMSTRG&BNDR 14-11 FEDERAL
103 1977 KB 1964 GR UNNAMED
104 1977 DF 1967 GR P LSE NO API 33-053- 00681-00
105 SPUD 02/19/1977 COMP 04/05/1977 ROTARY OIL
107 DTD 9180 FM/TD 352MSNC
20102 354RCLF PERF W/ 1/FT 8763- 8822 005
20141 9180FT BHT 180F
40101 DST 01 8750- 8837 354RCLF S002
40110 GAS TS IN 2440M MCFD /NO GAUGE/ 2ND OPEN
40111 GAS TS IN 2450M AT 20 MCFD /19.5/ 2ND OPEN
40112 GAS TS IN 3410M AT 22 MCFD /21.8/ 2ND OPEN
40131 FINAL OP BH IFF 363 FFP 781 BHT 240F
50102 352MSNC PERF W/ 23/11 8990- 9112 004
33 N 149 W 96 25 10002 0477005310291177 0476997010291278
10010 053 00637273 5850 35261 110351MDSN 351MDSN 9651377
10021 TWP N 149 RGE W 96 SEC 25 055TH PRINCIPAL
101 NOAK MCKENZIE A 975 FNL 1912 FNL (SH NE NW) DO 235
102 ADOBE INVESTMENT CORP 1 FEDERAL-25
103 2324 GR BEAR DEN
104 2322 DF 2323 P API 33 053 00637 00
105 SPUD 02/26/1975 COMP 09/12/1975 ROTARY OIL
107 DTD 9651 FM/TD 351MDSN

40.4 °C/hr

SUB FILE GEOTHERMAL LISTING

33 N 149 W 96 25 20102 351MDSN PERF W/ 1/FT 9237- 9278 GROSS 009
40101 DST 01 9360- 9385 351MDSN S002
40131 FINAL OP 2H IFF 659 FFP 874 BHT 220F
40201 DST 02 9458- 9500 351MDSN S003
40210 GAS TS IN 0430M TSTH
40231 FINAL OP 2H IFF 672 FFP 672 BHT 224F
50102 351MDSN PERF W/ 2/FT 9570- 9580 005
50202 351MDSN PERF W/ 1/FT 9475- 9499 GROSS 006
50302 351MDSN PERF W/ 1/FT 9237- 9278 GROSS 007
50402 351MDSN PERF W/ 1/FT 9237- 9278 GROSS 008
33 N 149 W 97 2 10002 0477504110305125 0477501110304965
10010 053 00548273 60750 110511 110259SLRM 306OPRM 12793066

06/08/78

PETROLEUM INFORMATION CORP

PAGE 730

SUB FILE GEOTHERMAL LISTING

33 N 149 W 96 25
 20102 351MDSN PERF W/ 1/FT 9237- 9278 GROSS 009
 40101 DST 01 9360- 9385 351MDSN S002
 40131 FINAL OP 2H IFF 659 FFP 874 BHT 220F
 40201 DST 02 9458- 9500 351MDSN S003
 40210 GAS TS IN 0430H 18TH
 40231 FINAL OP 2H IFF 672 FFP 672 BHT 224F
 50102 351MDSN PERF W/ 2/FT 9570- 9580 005
 50202 351MDSN PERF W/ 1/FT 9475- 9499 GROSS 006
 50302 351MDSN PERF W/ 1/FT 9237- 9278 GROSS 007
 50402 351MDSN PERF W/ 1/FT 9237- 9278 GROSS 008

33 N 149 W 97 2
 10002 0477504110305125 0477501110304965
 10010 053 00548273 60750 110511 110259SLRN 3060PRH 12793066
 10021 TWP N 149 RGE W 97 SEC 2 055TH PRINCIPAL
 101 MARK MCKENZIE A 1206 FSL 706 FEL SE SE 40 WOE 236
 102 AMERADA PETROLEUM 1 USA-PORTS UNIT
 103 2212 KB 2197 GR NORTH FORK
 104 2209 DF 2197 GR P LSE NO 1679 API 33-053- 00548 00
 105 SPUD 06/04/1966 COMP 09/20/1966 OIL
 107 OTD 12793 PB 11568 FM/TO 259SLRN
 20102 3060PRH PERF JET W/ 4/FT 11506-11514 019
 20141 BHP 1000

20150 SWTR 9524
 40101 DST 01 9546- 9582 351MDSN CUSH 2000 WTR S002 35.2°C/hm
 40131 FINAL OP 2H IFF 919 FFP 1084 BHT 230F
 40201 DST 02 9700- 9746 351MDSN CUSH 2000 WTR S003
 40231 FINAL OP 3H IFF 980 FFP 3218 11413
 40301 DST 03 11400-11426 3060PRH CUSH 3000 WTR 005 45.5°C/hm
 40331 FINAL OP 2H IFF 1415 FFP 1702 BHT 330F
 40401 DST 04 11427-11445 3060PRH CUSH 3000 WTR S006
 40431 FINAL OP 3H IFF 1404 FFP 3334 BHT 302F 1143c
 40501 DST 05 11446-11485 3060PRH CUSH 3000 WTR S007 41.0
 40531 FINAL OP 1H IFF 1461 FFP 1510
 40601 DST 06 11491-11515 3060PRH CUSH 1773 WTR 008
 40610 GAS TS IN 1H25H AT 400 MCFD
 40611 CUSH TS IN 2H CUSH & OIL
 40612 OIL TS IN 1H AT 25.4 BOPM GTY 38.4 11503
 40631 FINAL OP 3H IFF 1396 FFP 1665 BHT 317F 43.1
 40701 DST 07 12460-12535 259SLRN CUSH 4530 WTR S009
 40731 FINAL OP 2H IFF 2222 FFP 2251
 40801 DST 08 12536-12580 259SLRN MISRUN 010
 40901 DST 8A 12536-12580 259SLRN MISRUN 011
 41001 DST 8B 12458-12580 259SLRN CUSH 4530 WTR S012
 41031 FINAL OP 2H IFF 2155 FFP 2253
 41101 DST 09 12456-12630 259SLRN CUSH 4530 WTR 013
 41131 FINAL OP 3H IFF 2087 FFP 2606
 50102 3060PRH PERF JET W/ 4/FT 11506-11514 015
 50150 WS 33000OPPH
 50202 3060PRH PERF JET W/ 4/FT 11506-11514 016
 50302 3060PRH PERF JET W/ 4/FT 11506-11514 017
 50402 3060PRH PERF JET W/ 4/FT 11506-11514 018

06/08/78

PETROLEUM INFORMATION CORP

PAGE 731

SUB FILE GEOTHERMAL LISTING

33 N 150 W 93 4
 10002 0478432010259189 0478430210259197
 10010 061 00179273 8900550 9112511RLK 12612066
 10021 TWP N 150 RGE W 93 SEC 4 055TH PRINCIPAL
 101 MARK MONTREAL A 1972 FNL 1980 FNL SE NW WF
 102 TEXACO INC-SRELLY OIL 1 FT BERTHOLD-A
 103 2198 KB 2183 GR WILDCAT
 104 2195 DF 2183 GR P API 33-061- 00179 00
 105 SPUD 08/29/1966 COMP 10/01/1966 ROTARY O&A-06
 107 OTD 12600 LTD 12612 FM/TO 2511RLK
 40101 DST 01 11005-11040 3090VARN CUSH 3060 WTR S004
 40131 FINAL OP 2H IFF 1385 FFP 1560 BHT 225F
 40201 DST 02 11335-11390 3060PRH CUSH 3391 WTR S005
 40231 FINAL OP 2H IFF 1626 FFP 2217 BHT 250F
 40301 DST 03 11443-11543 2511RLK CUSH 4560 WTR 006

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06/08/78

PAGE 731

SUB FILE GEOTHERMAL LISTING

33 N 150 W 93 4 10002 0478432010259189 0478430210259197
10010 061 00179273 8900550 9112511RLK 12612066
10021 TWP N 150 RGE W 93 SEC 4 055TH PRINCIPAL
101 NDAK MONTREAL A 1977 FNL 1980 FNL SE NW WF WF 237
102 TEXACO INC-SKELLY OIL 1 FT BERTRAND-A
103 2198 KB 2183 GR WILDCAT
104 2195 OF 2183 GR P API 33-061- 00179 00
105 SPUD 08/29/1966 COMP 10/01/1966 ROTARY D&A-OG
107 DTD 12600 LTD 12612 FM/TO 2511RLK
40101 DST 01 11005-11040 3090VNN CUSH 3060 WTR S004
40131 FINAL OP 2H IFF 1385 FFP 1560 BHT 225F
40201 DST 02 11335-11390 3060PRW CUSH 3391 WTR S005
40231 FINAL OP 2H IFF 1626 FFP 2217 BHT 250F
40301 DST 03 11443-11543 2511RLK CUSH 4560 WTR 006
40331 FINAL OP 2H IFF 1993 FFP 1993 BHT 250F

33 N 150 W 95 7 10002 0478271510288991 0478273910289105
10010 053 00529273 8250 1299061 110351MDSN 351MDSN 9440365
10021 TWP N 150 RGE W 95 SEC 7 055TH PRINCIPAL
101 NDAK ACKENZIE A 1980 FNL 1980 FNL SE NW DO 238
102 CALVERT-BRAYS & PROD 1 GEORGE-BROWN
103 2315 KB 2324 GR BLUE BUTTES
104 2312 OF 2302 GR P LSE NO 1113 API 33-053- 00529 00
105 SPUD 12/15/1964 COMP 02/22/1965 ROTARY OIL
107 DTD 9440 LTD 9400 PB 9371 FM/TO 351MDSN
20102 351MDSN PERF W/ 2/FT 9269- 9291 007
40101 DST 01 9260- 9300 351MDSN CUSH 1231 WTR S002
40110 GAS TS IN 2H35M 9280
40131 FINAL OP 4H IFF 587 FFP 704 BHT 222F
40201 DST 02 9350- 9400 351MDSN 9375 WTR S003
40210 GAS TS IN 1H35M
40231 FINAL OP 4H IFF 610 FFP 680 BHT 236F
50102 351MDSN PERF W/ 2/FT 9269- 5307 GROSS 005
50202 351MDSN PERF W/ 2/FT 9269- 9291 006

37.1 °C/km

33 N 150 W 95 19 10002 0478018010288894 0478020010289007
10010 053 00603273 8250 9999950 900352MSNC 9420573
10021 TWP N 150 RGE W 95 SEC 19 055TH PRINCIPAL
101 NDAK ACKENZIE A 660 FNL 1980 FNL SE NW WF WF 239
102 UNIVERSAL RESOURCES 1-19 VEEDER
103 2300 OF 2288 GR BLUE BUTTES
104 2300 OF 2288 GR P LSE NO API 33-053- 00603-00
105 SPUD 01/28/1973 COMP 02/18/1973 ROTARY D&A
107 DTD 9420 FM/TO 352MSNC
40101 DST 01 9335- 9404 352MSNC
40131 FINAL OP 3H IFF 121 FFP 581 BHT 218F

33 N 150 W 95 23 10002 0477946610280139 0477946510280293
10010 053 00672273 8250 6188610 900352BLLL 9550377
10021 TWP N 150 RGE W 95 SEC 23 055TH PRINCIPAL
101 NDAK ACKENZIE A 2005 FSL 2130 FNL NE NE SW WO 240

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06/08/78

PAGE 732

SUB FILE GEOTHERMAL LISTING

33 N 150 W 95 23 102 OIL DEVELOPMENT CO ETAL 1 VANG ETAL
103 2247 KB 2232 GR BLUE BUTTES
104 API 33 053 00672 00
105 SPUD 07/19/1976 COMP 08/26/1976 ROTARY D&A
107 DTD 9550 FM/TO 352BLLL
40101 DST 01 9387- 9415 352BLLL 002
40131 IFF 997 FFP 1989 BHT 228F
40201 DST 02 9445- 9553 351MDSN 003
40231 FINAL OP 04221 IFF 575 FFP 575 BHT 230F

33 N 150 W 96 2 10002 0478346310293725 0478345210293814
10010 053 00668273 9800 8174060 911351MDSN 9700J77
10021 TWP N 150 RGE W 96 SEC 2 055TH PRINCIPAL

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06/08/78 PETROLEUM INFORMATION, CORP PAGE 732
SUB FILE GEOTHERMAL LISTING

33 N 150 W 95 23	102 OIL DEVELOPMENT CO ETAL	1 VANG ETAL	
	103 2247 KB 2232 GR	BLUE BUTTES	
	104	API 33 053	00672 00
	105 SPUD 07/19/1976 COMP 08/26/1976 ROTARY		D&A
	107 DTD 9550	FM/TO 352BLLL	
	40101 DST 01	9387- 9415 352BLLL	002 0
	40131	IFP 997 FFP 1989 BHT 228F	35.5°C/Ann
	40201 DST 02	9445- 9553 351MDSN	003 0
	40231 FINAL OP	0422M IFP 575 FFP 575 BHT 230F	35.5
33 N 150 W 96 2	10002	0478346310293725	0478345210293814
	10010	053 00668273 9800 8174060 911351MDSN	9700J77
	10021 TWP N 150 RGE W 96 SEC 2	055TH PRINCIPAL	
	101 NORA MCKENZIE A	660 FSL 660 FSL	SH SW/D D 241
	102 SOUTHERN DUNTON PROD	1 SIGNALNESS	
	103 2397 KB 2384 GR	CAMEL BUTTE	
	104	API 33 053	00668 00
	105 SPUD 04/01/1976 COMP 04/25/1976 ROTARY		D&A-OG
	107 DTD 9700	FM/TO 351MDSN	
	40101 DST 01	9400- 9476 353FRBG CUSH	1479 WTR S004
	40102 OVERLAPS 353CRLS		9438 0
	40131 FINAL OP 2H	IFP 700 FFP 750 BHT 194F	
	40201 DST 02	9476- 9532 353FRBG CUSH	1571 WTR S005
	40231 FINAL OP 5H	IFP 793 FFP 952 BHT 227F	9504 0
33 N 150 W 96 5	10002	0478382110300202	0478370210300079
	10010	053 00653273 24050 1379740 901309DVNN	11621276
	10021 TWP N 150 RGE W 96 SEC 5	055TH PRINCIPAL	
	101 NORA MCKENZIE A	1980 FSL 810 FSL	E2 NW SW/4P WF 242
	102 CAMPBELL A	1 KERR	
	103 2403 KB 2391 GR	FANCY BUTTES	
	104 2405 OF 2393 GR P LSE NO	API 33-053-	00653-00
	105 SPUD 11/14/1975 COMP 01/10/1976 ROTARY		D&A-G
	107 DTD 11620 LTD 11621	FM/TO 309DVNN	
	40101 DST 01	9434- 9460 351MDSN	MISRUNS002
	40110 GAS TS IN 1M55M	/NO GAUGE/	
	40201 DST 02	9434- 9460 351MDSN CUSH	1989 WTR S003
	40231 FINAL OP 3H	IFP 996 FFP 1363 BHT 234F	9447 0
	40301 DST 03	9600- 9640 351MDSN CUSH	1972 WTR 004
	40331 FINAL OP 2H	IFP 959 FFP 959	
	40401 DST 04	10745-10850 3518KKN CUSH	2689 WTR 005
	40402 OVERLAPS 306TRFK		
	40431 FINAL OP 1H	IFP 1106 FFP 1106 BHT 232F	0
	40501 DST 05	11424-11466 306OPRW CUSH	3449 WTR S006
	40531 FINAL OP 1H	IFP 1550 FFP 1550 BHT 246F	0
33 N 150 W 96 7	10002	0478308210300828	0478318110300826
	10010	053 00621273 24050 9999910 900351MDSN	9626K73
	10021 TWP N 150 RGE W 96 SEC 7	055TH PRINCIPAL	
	101 NORA MCKENZIE A	724 FSL 897 FEL	SH NE NE/40 WO 243
	102 RAINBOW RESOURCES	1-7 DUNDAS	

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06/08/78 PETROLEUM INFORMATION, CORP PAGE 733
SUB FILE GEOTHERMAL LISTING

33 N 150 W 96 7	104		API 33 053	00621 00
	105 SPUD 10/20/1973 COMP 11/17/1973 ROTARY			D&A
	107 DTD 9626		FM/TO 351MDSN	
	40101 DST 01	9400- 9469 351MDSN		002
	40131 FINAL OP 1M30M	IFP 137 FFP 274 BHT 236F		
	40201 DST 02	9554- 9626 351MDSN		003
	40231 FINAL OP 1H	IFP 115 FFP 133		
33 N 150 W 96 8	10002	0478311210300008	0478314010299744	
	10010	053 60002273 24050 7081410 911353CPLS	9651373	
	10021 TWP N 150 RGE W 96 SEC 8	055TH PRINCIPAL		
	101 NORA MCKENZIE A	510 FSL 1830 FSL	NW NE NW/40 WO	
	102 RAINBOW RESOURCES	1A KERR		
	103 2380 KB 2371 GR	FANCY BUTTES		
	104 2382 OF 2374 GR P LSE NO	API 33-053-	60002-00	
	105 SPUD 01/11/1973 COMP 02/25/1973 ROTARY		D&A-OG	
	107 DTD 9650 LTD 9651	FM/TO 353CPLS		
	40101 DST 01	9250- 9301 351MDSN		002

SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

33 N 150 W 96 7 104
105 SPUD 10/20/1973 COMP 11/17/1973 ROTARY API 33 053 00621 00
107 DTD 9626 D&A
40101 DST 01 9400-9469 351MDSM 9430 FM/TO 351MDSM
40131 FINAL OP 1H30M IFF 137 FFP 274 BHT 236F 002 36.9°C/hr
40201 DST 02 9554-9626 351MDSM
40231 FINAL OP 1H IFF 115 FFP 133 003

33 N 150 W 96 8 10002 0478311210300008 0478314010299744
10010 053 60002273 24050 7081410 911353CRLS 9651373
10021 TWP N 150 RGE W 96 SEC 8 055TH PRINCIPAL
101 NDAX MCKENZIE A 510 FNL 1830 FNL NH NE NW 244
102 RAINBOW RESOURCES 1A KERR
103 2380 KB 2371 GR FANCY BUTTES
104 2382 OF 2374 GR P LSE NO API 33-053- 60002-00
105 SPUD 01/11/1973 COMP 02/25/1973 ROTARY D&A-0G
107 DTD 9650 LTD 9651 FM/TO 353CRLS
40101 DST 01 9250-9301 351MDSM 9276 002 35.8°C/hr
40131 FINAL OP 3H IFF 115 FFP 263 BHT 227F
40201 DST 02 9370-9456 353CRLS 5003
40231 FINAL OP 30M IFF 164 FFP 313
40301 DST 03 STRD 9396-9475 353CRLS MISRUNS004
40331 FINAL OP 30M IFF 953 FFP 1553
40401 DST 04 STRD 9386-9484 353CRLS 9435 MISRUNS005 35.7
40431 FINAL OP 13M IFF 1082 FFP 1194 BHT 230F
40501 DST 05 9392-9554 353CPLS 9473 MISRUN 006 44.2
40531 FINAL OP 2H IFF FFP 2837 BHT 275F
40601 DST 06 9396-9554 353CRLS 9475 5007
40631 FINAL OP 1H IFF 859 FFP 896 BHT 230F 35.6

33 N 150 W 100 29 10002 0477800810350302 0477803510350373
10010 053 00652273 9026050 911203RDRV 14125376
10021 TWP N 150 RGE W 100 SEC 29 055TH PRINCIPAL
101 NDAX MCKENZIE A 1910 FSL 1910 FEL SE NW SE WF WF 245
102 TRUE OIL 33-29 HEDDEN
103 2335 KB 2319 GR WILDCAT
104 2331 OF 2319 GR P LSE NO API 33-053- 00652-00
105 SPUD 10/27/1975 COMP 01/19/1976 ROTARY D&A-0G
107 DTD 14125 FM/TO 203RDRV
40101 DST 01 9951-10016 352MSK CUSH 2000 WTR 002
40131 FINAL OP 2H IFF 1125 FFP 1235 BHT 236F
40201 DST 02 11023-11089 3518KKN MISRUN 003
40301 DST 03 11018-11110 3518KKN CUSH 3014 WTR 5004
40331 FINAL OP 1H30M IFF 1527 FFP 1527 BHT 248F 11064
40401 DST 04 11315-11360 306NSKU CUSH 3089 WTR 5005
40431 FINAL OP 2H IFF 2090 FFP 2740 BHT 268F 11338
40501 DST 05 12400-12500 302LPG5 CUSH 4426 WTR 5006
40531 FINAL OP 2H IFF 1950 FFP 1950 BHT 258F 12450
40601 DST 06 12765-12803 251TRLK CUSH 4772 WTR 007
40631 FINAL OP 2H IFF 2603 FFP 3320
40701 DST 07 13830-13905 203RDRV CUSH 4385 WTR 5008

SUB FILE GEOTHERMAL LISTING

33 N 150 W 100 29 40731 FINAL OP 2H IFF 2127 FFP 2163 BHT 284F
33 N 150 W 103 27 10002 0477893210384420 0477890310384376
10010 053 00618273 1371350 901302ASRM 12320376
10021 TWP N 150 RGE W 103 SEC 27 055TH PRINCIPAL
101 NDAX MCKENZIE A 400 FNL 660 FEL W2 NE NE WF WF
102 CHANDLER & ASSOCIATES 1-27 GOVT
103 2236 GR WILDCAT
104 API 33 053 00618 00
105 SPUD 09/18/1973 COMP 11/09/1973 POTARY D&A-G
107 DTD 12320 LTD 12318 FM/TO 302ASRM
40101 DST 01 11015-11050 306NSKU CUSH 1700 WTR 5002

SUB FILE GEOTHERMAL LISTING

008
009

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1377

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5911
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1-00
1-00
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SUB FILE GEOTHERMAL LISTING

1-G
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1-00

1964
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1-00

004

SUB FILE GEOTHERMAL LISTING

33 N 150 W 100 29 40731 FINAL OP 2H IFP 2127 FFP 2163 BHT 284F
 33 N 150 W 103 27 10002 0477893210384420 0477890310384376
 10010 053 00618273 1371350 901302ASRN 12120376
 10021 TWP N 150 RGE W 103 SEC 27 055TH PRINCIPAL
 101 NOK MCKENZIE A 400 FNL 660 FEL (N2 NE NE) WF WF 246
 102 CHANDLER ASSOCIATES 1-27 GOVT
 103 2236 GR WILDCAT
 104 API 33 053 00618 00
 105 SPLD 09/18/1973 COMP 11/09/1973 ROTARY D&A-G
 107 DTD 12320 LTD 12318 11032 FM/TO 302ASRN
 40101 DST 01 11015-11050 306NSKU CUSA 1700 WTR 5002
 40131 FINAL OP 1H IFP 1951 FFP 3691 BHT 256F

33 N 151 W 81 19 10002 0478785010108664 0478757010108530
 10010 101 00167273 9999950 900352MSNC 5920275
 10021 TWP N 151 RGE W 81 SEC 19 055TH PRINCIPAL
 101 NOK WARD A 660 FSL 1980 FEL (C SW SE) WF WF 247
 102 STOCK TON 1 MARU
 103 2141 KB 2135 GR WILDCAT
 104 API 33 101 00167 00
 105 SPLD 02/23/1974 COMP 03/11/1974 ROTARY D&A
 107 DTD 5920 FM/TO 352MSNC
 40101 DST 01 5718- 5740 352MSNC 002
 40131 FINAL OP 1H30M IFP 497 FFP 1755 BHT 120F

33 N 151 W 88 8 10002 0479110710195930 0479095910195996
 10010 061 00193273 130550 900352SHRD 7859977
 10021 TWP N 151 RGE W 88 SEC 8 055TH PRINCIPAL
 101 NOK MONTAILED A 1980 FSL 660 FEL (C NE SE) WF WF 248
 102 ANADARKO PRODUCTION 1-A HELLS
 103 2138 KB 2127 GR WILDCAT
 104 2136 DF 2127 P API 33 061 00193 00
 105 SPLD 09/19/1974 COMP 10/15/1974 ROTARY D&A
 107 DTD 7859 FM/TO 352SHRD
 40101 DST 01 7472- 7499 351MDSN 003
 40131 FINAL OP 3H IFP 339 FFP 479 BHT 156F
 40201 DST 02 7552- 7576 353MIDL 004
 40202 OVERLAPS 351MDSN
 40231 FINAL OP 2H IFP 58 FFP 84
 40301 DST 03 7806- 7857 352SHRD 005
 40331 FINAL OP 2H30M IFP 64 FFP 346 BHT 162F
 40401 DST 04 STRD 7656- 7738 352SHRD 006
 40402 OVERLAPS 351STTA
 40431 FINAL OP 2H IFP 308 FFP 2375 BHT 164F

33 N 151 W 88 18 10002 0479005010199112 0478995810199146
 10010 061 00192273 1500550 911352GLBR 7940174
 10021 TWP N 151 RGE W 88 SEC 18 055TH PRINCIPAL
 101 NOK MONTAILED A 1980 FNL 1690 FNL (N2 SE NW) WF WF 249
 102 CITIES SERVICE OIL 1-A CHINBERG

SUB FILE GEOTHERMAL LISTING

33 N 151 W 88 18 103 2126 KB WILDCAT
 104 2123 DF 2113 GR P LSE NO API 33-061- 00192-00
 105 SPLD 11/21/1973 COMP 12/26/1973 ROTARY D&A-OG
 107 DTD 7940 FM/TO 352GLBR
 40101 DST 01 7750- 7825 351STTA 003
 40102 OVERLAPS 352SHRD
 40131 FINAL OP 0H IFP 516 FFP 1389 BHT 166F

33 N 151 W 90 34 10002 0478532110218849 0478525010218981
 10010 061 00188273 5371850 900259SLRM 11530174
 10021 TWP N 151 RGE W 90 SEC 34 055TH PRINCIPAL
 101 NOK MONTAILED A 1980 FSL 660 FNL (C NW SW) WF WF
 102 MCCULLOCH OIL 1-34 WARDER
 103 2223 KB WILDCAT
 104 2217 DF 2209 GR P LSE NO API 33-061- 00188-00
 105 SPLD 02/02/1977 COMP 02/02/1977 ROTARY D&A

SUB FILE GEOTHERMAL LISTING

A-G
SN
5003

4964
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A-OG
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SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

33 N 151 W 88 18 103 2126 KB WILDCAT
104 2123 OF 2113 GR P LSE NO API 33-061- 00192-00
105 SPUD 11/21/1973 COMP 12/26/1973 ROTARY D&A-OG
107 DTD 7940 FM/TO 352GLBR
40101 DST 01 7750- 7825 351STYA 003
40102 OVERLAPS 352SHRD
40131 FINAL OP OH IFF 516 FFP 1389 BHT 166F

33 N 151 W 90 34 10002 0478532110218849 0478525010218981
10010 061 00188273 5371850 900259SLRN 11530174
10021 TWP N 151 RGE W 90 SEC 34 055TH PRINCIPAL
101 NDAR (MUNTRAIL) A 1980 FSL 660 FWL C NW SW WF 250
102 MCCULLOCH OIL 1-34 WAHNER
103 2223 KB WILDCAT
104 2217 OF 2209 GR P LSE NO API 33-061- 00188-00
105 SPUD 02/05/1973 COMP 03/19/1973 ROTARY D&A
107 DTD 11530 FM/TO 255SLRN
40101 DST 01 9683- 9793 3518KKN 002
40131 FINAL OP 1H30M IFF 97 FFP 146 BHT 168F

33 N 151 W 94 10 10002 0479187610270359 0479193010270376
10010 053 00562273 9992950 901259SLRN 12209
10021 TWP N 151 RGE W 94 SEC 10 055TH PRINCIPAL
101 NDAR (MCKENZIE) A 500 FNL 661 FWL NE NW SW WF 251
102 PETREL OIL CORP 1 DRAGSROLL
103 1956 KB WILDCAT
104 1949 OF 1941 GR P API 33-053- 00569 00
105 SPUD 12/06/1968 COMP 02/01/1969 ROTARY D&A-G
107 DTD 12209 FM/TO 255SLRN
40101 DST 01 10335-10395 3518KKN S002
40131 FINAL OP 1H IFF 1080 FFP 1080 BHT 230F
40201 DST 02 10394-10465 3035NSH S003
40231 FINAL OP 1H IFF 1190 FFP 1190
40301 DST 03 12069-12209 259SLRN 004

33 N 151 W 94 29 10002 0478633610274667 0478638910274647
10010 053 00532273 8880550 901351MDSN 9629665
10021 TWP N 151 RGE W 94 SEC 29 055TH PRINCIPAL
101 NDAR (MCKENZIE) A 660 FSL 560 FWL SW SW WF 252
102 TENNICO OIL 1 BUTTES SITE
103 2301 KB 2287 GR WILDCAT
104 2299 OF 2289 GR P API 33-053- 00532 00
105 SPUD 04/02/1965 COMP 05/07/1965 ROTARY D&A-G
107 DTD 9627 LTD 9629 FM/TO 351MDSN
40101 DST 01 9436- 9485 352MSNC 9462 WTR S002
40131 FINAL OP 2H IFF 864 FFP 1325 BHT 235F

36.6 °C/ft

33 N 151 W 95 16 10002 0479036310284161 0479040910284161
10010 053 00539273 8250 110561 110351MDSN 351MDSN 9345166
10021 TWP N 151 RGE W 95 SEC 16 055TH PRINCIPAL
101 NDAR (MCKENZIE) A 660 FNL 2005 FEL NW NW DO 253

SUB FILE GEOTHERMAL LISTING

33 N 151 W 95 16 102 AMERADA PETROLEUM 6 ND-1
103 2317 KB 2308 GR BLUE BUTTES
104 2317 OF 2309 GR P LSE NO 112 API 33-053- 00539 00
105 SPUD 10/07/1965 COMP 12/07/1965 ROTARY OIL
107 DTD 9345 LTD 9343 FM/TO 351MDSN
20102 351MDSN PERF JET 9252- 9312 GROSS 005
40101 DST 01 9238- 9293 351MDSN CUSH 1000 WTR S002
40131 FINAL OP 1H45M IFF 509 FFP 508 BHT 220F
50102 351MDSN PERF JET 9252- 9312 GROSS 004

33 N 151 W 96 9 10002 0479183710298013 0479177710298053
10010 053 00675273 35250 911351MDSN 9325976
10021 TWP N 151 RGE W 96 SEC 9 055TH PRINCIPAL

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33 N 151 W 95 16 102 AMERADA PETROLEUM 6 NO-1
103 2317 FB 2308 GR BLUE BUTTES
104 2317 LF 2309 GR P LSE NO 112 API 33-053- 00539 00
105 SPUD 10/07/1965 COMP 12/07/1965 ROTARY OIL
107 DTD 9345 LTD 9343 FM/TO 351MDSN
20102 351MDSN PERF JET 9252- 9312 GROSS 005
40101 DST 01 9238- 9293 351MDSN CUSH 1000 WTR S002
40131 FINAL OP 1M35M IFF 509 FFP 508 BHT 220F
50102 351MDSN PERF JET 9252- 9312 GROSS 004

33 N 151 W 96 9 10002 0479183710298013 0479177710298053
10010 053 00675273 35250 911351MDSN 9325976
10021 TWP N 151 RGE W 96 SEC 9 055TH PRINCIPAL
101 MCKENZIE A 548 FNL 838 FNL CNE NW NW WF WF 254
102 ADDBE INVESTMENT CORP 1 KOSHARAN
103 2279 KB 2267 GR HILDCAT
104 2281 DF 2266 GR P LSE NO API 33-053- 00675-00
105 SPUD 08/18/1976 COMP 09/15/1976 ROTARY DBA-06
107 DTD 9325 FM/TO 351MDSN
40101 DST 01 9178- 9220 351MDSN 9199 S003
40131 FINAL OP 1M IFF 206 FFP 299 BHT 230F

33 N 151 W 96 11 10002 0479068910293850 0479064710293751
10010 053 00631273 9999960 911351MDSN 9505176
10021 TWP N 151 RGE W 96 SEC 11 055TH PRINCIPAL
101 MCKENZIE A 660 FSL 660 FNL C SH SW WF WF 255
102 RAINBOW RESOURCES 1 TANK-UPDEGRAFF
103 2350 KB 2338 GR HILDCAT
104 API 33 053 00631 00
105 SPUD 05/07/1974 COMP 06/02/1974 ROTARY DBA-06
107 DTD 9504 LTD 9505 FM/TO 351MDSN
40101 DST 01 9115- 9145 351MDSN 9130 S002
40131 FINAL OP 1M35M IFF 702 FFP 1295 BHT 228F
40201 DST 02 9358- 9380 351MDSN S003
40231 FINAL OP 1M35M IFF 133 FFP 295

33 N 151 W 96 26 10002 0478633510293793 0478636010293811
10010 053 00636273 9800 9999960 911351MDSN 9689675
10021 TWP N 151 RGE W 96 SEC 26 055TH PRINCIPAL
101 MCKENZIE A 660 FSL 660 FNL C SH SW D D 256
102 RAINBOW RESOURCES 1-26 ALFRED BROWN
103 2438 KB 2424 GR CAMEL BUTTE
104 2442 DF 2431 GR P LSE NO API 33-053- 00636-00
105 SPUD 11/08/1974 COMP 12/11/1974 ROTARY DBA-06
107 DTD 9689 LTD 9689 FM/TO 351MDSN
40101 DST 01 9420- 9472 351MDSN 9416 S003
40131 FINAL OP 2M IFF 102 FFP 146 BHT 234F

33 N 151 W 96 27 10002 0478738810294447 0478747810294510
10010 053 00535273 9800 1299060 9113060PRM 11442665
10021 TWP N 151 RGE W 96 SEC 27 055TH PRINCIPAL

36.6 °C/hr
36.5 °C/hr
36.5 °C/hr

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33 N 151 W 96 27 101 MCKENZIE A 500 FNL 860 FEL ME ME D D
102 CALVERT DRIG B PROD 1 MUIRHEAD-MELSETH
103 2385 KB 2372 GR CAMEL BUTTE
104 2380 DF 2370 GR P LSE NO 1580 API 33-053- 00535 00
105 SPUD 09/13/1965 COMP 06/02/1965 ROTARY DBA-06
107 DTD 11442 FM/TO 306OPRM
40101 DST 01 9338- 9380 351MDSN CUSH 900 WTR S002
40110 GAS TS IN 40M BURNED W/5 FT FLARE
40131 FINAL OP 2M IFF 455 FFP 647 BHT 232F
40201 DST 02 11188-11240 306OPRM CUSH 2600 WTR S003
40231 FINAL OP 2M IFF 1205 FFP 1430 BHT 250F
40301 DST 03 11318-11355 306OPRM CUSH 2740 WTR 004
40331 FINAL OP 2M35M IFF 1375 FFP 1253 BHT 250F

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06/08/78

PETROLEUM INFORMATION, CORP

PAGE 737

33 N 151 W 96 27 101 NOAK MCKENZIE A 500 FNL 860 FEL NE NE D D 257
102 CALVERT DREG & PROD 1 MUIRHEAD-HELSETH
103 2385 KB 2372 GR CAMEL BUTTE
104 2380 DF 2370 GR P LSE NO 1580 API 33-053-00535 00
105 SPLD 04/13/1965 COMP 06/02/1965 ROTARY DBA-OG
107 DTD 11442 FM/TD 3060PRW
40101 DST 01 9338- 9380 351MDSN CUSH 900 WTR S002
40110 GAS TS IN 40M BURNED W/5 FT FLARE
40131 FINAL OP 3H IFP 455 FFP 647 BHT 232F 9359
40201 DST 02 11188-11240 3060PRW CUSH 2600 WTR S003
40231 FINAL OP 3H IFP 1205 FFP 1430 BHT 250F
40301 DST 03 11318-11355 3060PRW CUSH 2740 WTR 004
40331 FINAL OP 3H30M IFP 1375 FFP 1353 BHT 250F

36.4 °C/ft

33 N 151 W 101 23 10002 0478858810356450 0478874710356400
10010 053 00572273 1652051 110203RDRV 203RDRV 13815K69
10021 TWP N 151 RGE W 101 SEC 23 055TH PRINCIPAL
101 NOAK MCKENZIE A 1980 FNL 700 FEL SE NE WF WFD 258
102 CONSOLIDATED OIL & GAS 23-1 FLB ETAL
103 2048 KB 2033 GR ALEXANDER AREA
104 2044 DF 2034 GR P LSE NO API 33-053-00572-00
105 SPLD 07/19/1969 COMP 10/07/1969 ROTARY OIL
107 DTD 13809 LTD 13815 PB 13740 FM/TD 203RDRV
20102 203RDRV PERF JET W/ 2/FT 13543-13635 GROSS 011
40101 DST 01 8375- 8451 353KBBY 8413 S002
40131 FINAL OP 3H IFP 88 FFP 110 BHT 208F
40201 DST 02 8880- 8930 353CRLS 8905 S003
40231 FINAL OP 3H IFP 111 FFP 244 BHT 215F HEAK BLOW
40301 DST 03 9649- 9814 352MSNC 9732 S004
40331 FINAL OP 3H IFP 247 FFP 630 BHT 230F NO BLOW
40401 DST 04 10609-10746 351LDGP S005
40431 FINAL OP 2H30M IFP 793 FFP 816
40501 DST 05 10665-10831 351LDGP S006
40531 FINAL OP 3H IFP 337 FFP 427 BHT 235F NO BLOW
40601 DST 06 11244-11349 3060PRW 007
40631 FINAL OP 3H IFP 1375 FFP 2331 BHT 248F
40701 DST 07 13538-13705 203RDRV REVOUTS008
40710 GAS TS IN 1H10M NO GAUGE /RE-OPEN/
40731 FINAL OP 2H05M IFP 2554 FFP 4293 BHT 320F 13622
50102 203RDRV PERF JET W/ 2/FT 13543-13635 GROSS 010

35.3 °C/ft

36.8 °C/ft

33 N 151 W 101 24 10002 0478868110355441 0478891410355388
10010 053 00577273 99999 1652010 911203RDRV 13875671
10021 TWP N 151 RGE W 101 SEC 24 055TH PRINCIPAL
101 NOAK MCKENZIE A 1500 FNL 1750 FNL NW SE NW 259
102 MIAMI OIL PRODUCERS 24-1 FLB
10210 CONSOLIDATED OIL & GAS 24-1 FLB
103 2130 KB 2117 GR UNNAMED
104 2125 DF 2115 GR P LSE NO API 33-053-00577-00
105 SPLD 10/27/1969 COMP 10/06/1970 ROTARY DBA-OG
107 DTD 13875 FM/TD 203RDRV

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 738

33 N 151 W 101 24 40101 DST 01 9340- 9453 353CRLSC S002
40131 FINAL OP 1H30M IFP 143 FFP 213 BHT 224F
40201 DST 02 13670-13755 203RDRV CUSH 5009 WTR S003
40231 FINAL OP 2H30M IFP 2421 FFP 2427 BHT 275F
50102 203RDRV PERF W/ 4/FT 13674-13725 GROSS 005

33 N 151 W 103 18 10002 0478976210390822 0478986510390891
10010 053 00566273 9999950 901203RDRV 13382170
10021 TWP N 151 RGE W 103 SEC 1E 055TH PRINCIPAL
101 NOAK MCKENZIE A 2140 FNL 82C FEL NW NE SE WF WF
102 MOORE J H ETAL 1 OLSON
103 2200 KB WILDCAT
104 2207 DF 2197 GR P API 33-053-00566 00
105 SPLD 07/01/1968 COMP 09/18/1968 ROTARY DBA-G
107 DTD 13382 FM/TD 203RDRV

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103
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171
IF
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103
81
77
IF
00
102
63
78
IFD
00
117

33 N 151 W 101 24 40101 DST 01 9340- 9453 353CRLSC 9396 S002
40131 FINAL OP 1H30M IFF 143 FFP 213 BHT 224F
40201 DST 02 13670-13755 203RDRV CUSH 5009 WTR S003
40231 FINAL OP 2H30M IFF 2421 FFP 2427 BHT 275F
50102 203RDRV PERF W/ 4 FT 13674-13725 GROSS 005

33 N 151 W 103 18 10002 0478976210390822 0478986510390891
10010 053 00566273 9999950 901203RDRV 13382170
10021 TWP N 151 RGE W 103 SEC 18 055TH PRINCIPAL
101 NOK MCKENZIE A 2140 FSL 820 FEL SA NE SW WF 260
102 MOORE J A ETAL I OLSON
103 2200 KB WILDCAT
104 2207 DF 2197 GR P API 33-053- 00566 00
105 SPUD 07/01/1968 COMP 09/18/1968 ROTARY DBA-G
107 DTD 13382 FM/TO 203RDRV
40101 DST 01 9624- 9666 352MSNC 002
40131 FINAL OP 1H IFF 61 FFP 64 BHT 214F
40201 DST 02 11869-11965 302MPSG CUSH 3830 WTR 003
40231 FINAL OP 1H IFF 1759 FFP 1796 BHT 248F
40301 DST 03 13260-13300 203RDRV CUSH 5264 MISRUN 004
40401 DST 04 13240-13300 203RDRV CUSH 5236 WTR S005
40431 FINAL OP 2H 0M IFF 3630 FFP 3884 BHT 274F

33 N 152 W 90 30 10002 0479615110225385 0479613310225517
10010 061 00185273 5480050 900351MDSN 8345969
10021 TWP N 152 RGE W 90 SEC 30 055TH PRINCIPAL
101 NOK MONTREAT A 810 FNL 580 FEL SA NW NW WF 261
102 MICHIGAN OIL PRODUCERS I AGNES STOLTIAN
103 1883 KB 1869 GR WILDCAT
104 1882 DF 1874 GR P API 33-061- 00185 00
105 SPUD 08/27/1969 COMP 09/15/1969 ROTARY DBA
107 DTD 8333 LTD 8345 FM/TO 351MDSN
40101 DST 01 7964- 7987 353M10L 7976 002
40131 FINAL OP 2H IFF 399 FFP 845 BHT 200F

35.4 °C/hr

33 N 152 W 94 7 10002 0480008710275904 0480011810275941
10010 053 00561273 300 110599 511306SRRV 10975368
10021 TWP N 152 RGE W 94 SEC 7 055TH PRINCIPAL
101 NOK MCKENZIE A 2040 FNL 2330 FEL SA SW NW W 262
102 AMERADA PETROLEUM 7 ADI
103 2152 DF 2141 GR ANTELOPE
104 API 33-053- 00561 00
105 SPUD 05/05/1967 COMP 01/24/1968 ROTARY W1-0G
107 DTD 10975 PB 10884 FM/TO 306SRRV
40101 DST 01 8802- 8896 351MDSN CUSH 1000 WTR S002
40110 GAS TS IN 15M 8849
40131 FINAL OP 2H IFF 722 FFP 1766 BHT 221F
40201 DST 02 8902- 8952 351MDSN CUSH 1011 WTR S003
40231 FINAL OP 2H IFF 514 FFP 597 BHT 219F 8927
50102 306PRM PERF JET W/ 1/FT 10680-10871 GROSS 005

36.2 °C/hr
35.5

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33 N 152 W 94 27 10002 0479538710270436 0479545610270389
10010 053 00555273 300 9999961 110306TRFK 351MDSN 10750267
10021 TWP N 152 RGE W 94 SEC 27 055TH PRINCIPAL
101 NOK MCKENZIE A 1640 FSL 500 FNL NW SW D 00
102 PEL-TEX & CONTINENTAL I DRAGS WOLF
103 2200 KB 2188 GR ANTELOPE
104 2196 ES 2188 GR P LSE NO 1705 API 33-053- 00555 00
105 SPUD 10/09/1966 COMP 12/22/1966 ROTARY OIL
107 DTD 10750 LTD 10750 FM/TO 306TRFK
20102 351MDSN PERF 10570-10576
20103 305DUNA PERF 10576-10714 GROSS-009
40101 DST 01 10550-10631 303SNH CUSH 3500 WTR S004
40131 FINAL OP 1H IFF 1609 FFP 1609 BHT 235F
40201 DST 02 10612-10727 306TRFK CUSH 3500 WTR S006
40231 FINAL OP 3H IFF 1588 FFP 1588

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 739

SUB FILE GEOTHERMAL LISTING

33 N 152 W 94 27

10002 0479538710270436 0479545610270388
 10010 053 00555273 300 9999961 110306TRFK 351MDSN 10750267
 10021 TWP N 152 RGE W 94 SEC 27 055TH PRINCIPAL
 101 MARK MCKENZIE A 660 FSL 500 FWL NH SW D DO 263
 102 PEL-TEAR & CONTINENTAL 1 BRASS HOLE
 103 2200 KB 2188 GR ANTELOPE
 104 2196 ES 2188 GR P LSE NO 1705 API 33-053- 00555 00
 105 SPUD 10/09/1966 COMP 12/22/1966 ROTARY OIL
 107 DTD 10750 LTD 10750 FM/TD 306TRFK
 20102 351MDSN PERF 10570-10576
 20103 3090VNN PERF 10576-10714 GROSS 009
 40101 DST 01 10550-10631 303SNSH CUSH 3500 WTR 5004
 40131 FINAL OP 1H IFF 1609 FFP 1609 BHT 235F
 40201 DST 02 10612-10727 306TRFK CUSH 3500 WTR 5006
 40231 FINAL OP 3H IFF 1588 FFP 1588
 50102 351MDSN PERF 10570-10576
 50103 3090VNN PERF 10576-10714 GROSS 008

33 N 152 W 96 3

10002 0480203410294427 0480208810294370
 10010 053 00550273 43050 8900561 110351MDSN 351MDSN 9065066
 10021 TWP N 152 RGE W 96 SEC 3 055TH PRINCIPAL
 101 MARK MCKENZIE A 502 FNL 660 FEL LOT D DO 264
 102 TEXACO INC 1 C O FELLAND
 103 2316 KB 2302 GR KEENE
 104 2314 DF 2302 GR P LSE NO 1680 API 33-053- 00550 00
 105 SPUD 05/29/1966 COMP 09/21/1966 ROTARY OIL
 107 DTD 9060 LTD 9065 FM/TD 351MDSN
 20102 351MDSN PERF JET W/ 2/FT 8762- 8925 GROSS 008
 40101 DST 01 8906- 8972 351MSSN NO GAUGE 8739 5004
 40110 GAS TS IN 1H45M
 40131 FINAL OP 2H IFF 189 FFP 340 BHT 228F
 50102 351MDSN PERF JET W/ 2/FT 8954- 8960 006
 50202 351MDSN PERF JET W/ 2/FT 8762- 8925 GROSS 007

37.3°C/hm

33 N 152 W 96 13

10002 0479800310290800 0479802810290648
 10010 053 00553273 12800 7990560 911359MSSP 9361866
 10021 TWP N 152 RGE W 96 SEC 13 055TH PRINCIPAL
 101 MARK MCKENZIE A 660 FSL 1980 FEL SW SW D D 265
 102 SKELLY OIL 1 S T SWERSON
 103 2431 KB 2419 GR CLEAR CREEK
 104 2430 DF 2419 GR P API 33-053- 00553 00
 105 SPUD 07/08/1966 COMP 08/05/1966 ROTARY OIL
 107 DTD 9361 FM/TD 359MSSP
 40101 DST 01 7250- 7298 419MNL 002
 40131 FINAL OP 0M30M IFF 46 FFP 68 BHT 178F
 40201 DST 02 7305- 7349 419MNL 5003
 40210 GAS TS IN 12H YSTM NITROGEN GAS
 40231 FINAL OP 0M30M IFF 1074 FFP 2233 BHT 290F
 40301 DST 03 9273- 9303 359MSSP 004
 40331 FINAL OP 0M30M IFF 106 FFP 142

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 740

SUB FILE GEOTHERMAL LISTING

33 N 152 W 96 13

10002 0479792910291665 0479783510291647
 10010 053 00639273 12800 240560 911351MDSN 9381575
 10021 TWP N 152 RGE W 96 SEC 13 055TH PRINCIPAL
 101 MARK MCKENZIE A 660 FSL 660 FWL C SW SW D D
 102 ASHLAND OIL & REFINING 1-13 BRENNA
 103 2456 KB 2444 GR CLEAR CREEK
 104 2454 DF 2444 GR P LSE NO API 33-053- 00619-00
 105 SPUD 01/06/1975 COMP 03/28/1975 ROTARY OIL
 107 DTD 9380 LTD 9381 FM/TD 351MDSN
 40101 DST 01 9228- 9291 351MDSN 5003
 40131 FINAL OP 1M30M IFF 80 FFP 150 BHT 230F
 40201 DST 02 9328- 9381 351MDSN 004
 40231 FINAL OP 1H IFF 83 FFP 104
 50102 351MDSN PERF W/ 1/FT 9280- 9306 006
 50202 351MDSN PERF W/ 1/FT 9250- 9262 GROSS 007

06/08/78

PETROLEUM INFORMATION CORP

PAGE 740

SUB FILE GEOTHERMAL LISTING

33 N 152 W 96 13 10002 0479792910291665 0479783510291647
 10010 053 00639273 12800 240560 911351MDSN 9381575
 10021 TWP N 152 RGE W 96 SEC 13 055TH PRINCIPAL
 101 NOAK MCKENZIE A 660 FSL 660 FWL (C SW SH) D 266
 102 ASHLAND OIL & REFINING 1-13 BRENNA
 103 2456 KB 2444 GR CLEAR CREEK
 104 2454 DF 2446 GR P LSE NO API 33-053-00639-00
 105 SPUD 01/06/1975 COMP 03/28/1975 ROTARY D&A-G
 107 DTD 9380 LTD 9381 FM/TO 351MDSN
 40101 DST 01 9228- 9291 351MDSN 9260 5003
 40131 FINAL OP 1H30M IFF 80 FFP 180 BHT 230F
 40201 DST 02 9328- 9381 351MDSN 004
 40231 FINAL OP 1H IFF 83 FFP 104
 50102 351MDSN PERF W/ 1/FT 9280- 9306 006
 50202 351MDSN PERF W/ 1/FT 9250- 9262 GROSS 007

36.4° C/ft

33 N 152 W 96 13 10002 0479833910291699 0479821610291667
 10010 053 00704273 12800 2590261 110351MDSN 351MDSN 9335478
 10021 TWP N 152 RGE W 96 SEC 13 055TH PRINCIPAL
 101 NOAK MCKENZIE A 1980 FSL 660 FWL (C NW SH) D 267
 102 ENERGETICS INC 13-13 ELDRED BRENNA
 103 2479 KB 2461 GR CLEAR CREEK
 104 2473 DF 2461 P API 33 053 00704 00
 105 SPUD 07/03/1977 COMP 08/13/1977 ROTARY OIL
 107 DTD 9335 PB 9276 FM/TO 351MDSN
 20102 351MDSN PERF JET W/ 2/FT 9250- 9260 004
 40101 DST 01 9200- 9335 351MDSN 5002
 40110 GAS TS IN OH15M AT 12 MCFD
 40131 FINAL OP 1H IFF 457 FFP 819 BHT 211F

33 N 153 W 83 34 10002 0480287610132942 0480265710133025
 10010 101 00204273 10288150 901352GLBR 6200977
 10021 TWP N 153 RGE W 83 SEC 34 055TH PRINCIPAL
 101 NOAK WARD A 1980 FSL 2080 FWL (E 2 NE SH) WF 268
 102 CARDINAL OIL & ETAL I OLSEN
 103 2160 GR WILDCAT
 104 API 33 101 00204 00
 105 SPUD 06/01/1977 COMP 06/15/1977 ROTARY D&A-G
 107 DTD 6200 FM/TO 352GLBR
 40101 DST 01 6106- 6122 352GLBR 5002
 40131 FINAL OP 1H IFF 138 FFP 394 BHT 130F

33 N 153 W 84 5 10002 0480969010150323 0480968610150346
 10010 101 00164273 7281050 900352GLBR 6504577
 10021 TWP N 153 RGE W 84 SEC 5 055TH PRINCIPAL
 101 NOAK WARD A 560 FSL 1980 FWL (S 2 SE SH) WF 269
 102 KOCH EXPLORATION I OLSEN
 103 2099 KB 2089 GR WILDCAT
 104 2098 DF 2090 P API 33 101 00164 00
 105 SPUD 10/10/1973 COMP 10/27/1973 ROTARY D&A
 107 DTD 6500 LTD 6504 FM/TO 352GLBR

06/08/78

PETROLEUM INFORMATION CORP

PAGE 741

SUB FILE GEOTHERMAL LISTING

33 N 153 W 84 5 40101 DST 01 STRD 6282- 6328 353HLL 003
 40131 FINAL OP 1H IFF 761 FFP 1975 BHT 144F

33 N 153 W 94 29 10002 0480461810280376 0480466310280343
 10010 053 00542273 300 9999961 110303NSH 303NSH 10500366
 10021 TWP N 153 RGE W 94 SEC 29 055TH PRINCIPAL
 101 NOAK MCKENZIE A 2120 FWL 510 FWL SW NW D DO
 102 SMITH LLOYD I D GILBERTSON
 103 2234 KB 2220 GR ANTELOPE
 104 2229 DF 2219 GR P LSE NO 1682 API 33-053-00542-00
 105 SPUD 12/20/1965 COMP 02/05/1966 ROTARY OIL
 107 DTD 10500 FM/TO 303NSH
 20102 303NSH PERF W/ 4/FT 10410-10461 005
 40101 DST 01 9030- 9058 352NSH CUSH 709 WTP5002
 40110 GAS TS IN 1MDSN
 40131 FINAL OP 24 IFF 770 FFP 470 BHT 211F

SUB FILE GEOTHERMAL LISTING

3043
5571
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2454
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5 00
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4-03
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LL
5002

7142
5174

WF

11 00
R-G
IRV
002

003

SUB FILE GEOTHERMAL LISTING

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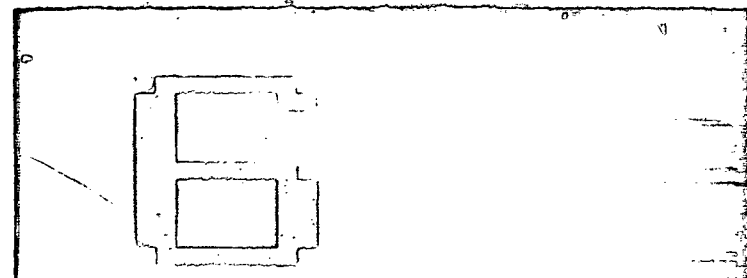
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10021 TWP N 153 AGE W 94 SEC 29 055TH PRINCIPAL
101 NORA MCKENZIE A 2130 FNL 510 FHL SH NE D DO 270
102 SMITH LLOYD 1 D GILBERTSON
103 2234 KB 2220 GR ANTELOPE
104 2272 DF 2219 GR P LSE NO 1642 API 33-053- 00542 00
105 SPLD 12/20/1965 COMP 02/05/1966 ROTARY OIL
107 DTD 10500 FM/TO 303SNH
20102 303SNH PERF W/ 4/FT 10410-10461 005
40101 DST 01 9030- 9058 352MSNC CUSH 709 WTR5002
40110 GAS TS IN 1MOSM
40131 FINAL OP 2H IFF 378 FFP 439 BHT 216F
40201 DST 02 9092- 9119 352MSNC CUSH 709 WTR5003
40231 FINAL OP 2H IFF 425 FFP 874

33 N 153 W 94 33 10002 0480251210278110 0480253110278127
10010 053 00560273 300 110599 501306SRRV 11054368
10021 TWP N 153 AGE W 94 SEC 33 055TH PRINCIPAL
101 NORA MCKENZIE A 820 FSL 820 FHL NE SW SH 1W 1W 271
102 AMERAD PETROLEUM 6 ADD
103 2236 DF 2225 GR ANTELOPE
104 API 33-053- 00560 00
105 SPLD 04/20/1967 COMP 11/02/1967 ROTARY WI-G
107 DTD 11053 LTD 11054 PB 10980 FM/TO 306SRRV
40101 DST 01 10790-10816 306OPRW CUSH 2059 WTR 5002
40131 FINAL OP 3H IFF 952 FFP 1326 BHT 256F 10803
50102 306OPRW PERF JET W/ 2/FT 10793-10831 GROSS
50103 306OPRW PERF JET W/ 1/FT 10899-10949 004

33 N 153 W 95 4 10002 0481037410289991 0481057610289979
10010 053 00620273 12000 8900561 110306SRRV 306OPRW 10890975
10021 TWP N 153 AGE W 95 SEC 4 055TH PRINCIPAL
101 NORA MCKENZIE A 2000 FNL 1800 FHL SE SW NE D DO 272
102 TEXACO INC 6 CHARLSON DEVONIAN
103 2277 KB 2265 GR CHARLSON
104 API 33 053 00620 00
105 SPLD 10/15/1973 COMP 01/16/1974 ROTARY OIL
107 DTD 10890 LTD 10887 FM/TO 306SRRV
20102 306OPRW PERF 10573-10773 GROSS 008
20150 WTR
40101 DST 01 10355-10440 303BR08 002
40131 FINAL OP 1H30M IFF 1120 FFP 1152 BHT 226F
50102 303BR08 PERF 10338-10394 004
50202 306OPRW PERF 10573-10773 GROSS 005
50250 SMTR
50302 306OPRW PERF 10573-10773 GROSS 006
50350 SMTR

35.6 °C / ft

RM	INDEX
A	33 N 148 W 102 16
B	33 N 149 W 98 25
C	33 N 150 W 93 4
D	33 N 150 W 93 23
E	33 N 150 W 98 7
F	33 N 150 W 98 29
G	33 N 151 W 88 18
H	33 N 151 W 98 16
I	33 N 151 W 98 27
J	33 N 151 W 101 24
K	33 N 152 W 94 27
L	33 N 152 W 98 13
M	33 N 153 W 98 5



304
305
388
370
WF
-00
-06
V
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003
007
008
009
514
569
WF
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1-06
18
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003
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012

013
5014
015
016
017
018
019
020
6451
7176
WF

33 N 153 W 95 4 50402 3060PRW PERF 10573-10773 GROSS 007
50450 SHTR

33 N 153 W 95 4 10002 053 00650273 12800 8900561 110306SRRV 3060PRW 10843J77
10021 TWP N 153 RGE W 95 SEC 4 055TH PRINCIPAL
101 NDAR MCKENZIE A 1065 FSL 578 FWL NH SH SW DO 273
102 TEXACO INC 1-X DEVONTAN UNIT 2
103 2229 KB 2215 GR CHARLSON
104 2224 OF 2214 P API 33 053 00650 00
105 SPUD 10/30/1975 COMP 02/16/1976 ROTARY OIL
107 DTD 10843 FM/TO 306SRRV
20102 3060PRW PERF W/ 2/FT 10533-10733 GROSS 007
20141 310843FT BHT 226F

33 N 153 W 95 23 10002 053 00531273 12000 901351MDSN 9067465
10021 TWP N 153 RGE W 95 SEC 23 055TH PRINCIPAL
101 NDAR MCKENZIE A 1980 FSL 660 FWL NH SW DO 274
102 CALVERT OREG & PROD 1 RALPH SLANTEN
103 2345 KB 2334 GR CHARLSON
104 2343 OF 2334 GR P USE NO 224 API 33-053-00531 00
105 SPUD 02/08/1965 COMP 03/26/1965 ROTARY D&A-B
107 DTD 9050 LTD 9057 FM/TO 351MDSN
40101 DST 01 8957- 8995 351MDSN 8976 WTR S002
40131 FINAL OP 3H IFP 467 FFP 484 BHT 227F

33 N 153 W 95 30 10002 053 00580273 43050 9999961 110352MSNC 352MSNC 9000K70
10021 TWP N 153 RGE W 95 SEC 30 055TH PRINCIPAL
101 NDAR MCKENZIE A 660 FSL 809 FWL SE SE DO 275
102 UNIVERSAL RESOURCES 1 FILLARD
103 2280 KB 2266 GR KEENE
104 API 33-053-00580 00
105 SPUD 10/22/1970 COMP 11/29/1970 ROTARY OIL
107 DTD 8999 LTD 9000 FM/TO 352MSNC
20102 352MSNC PERF W/ 1/FT 8848- 8878 GROSS 012
40171 DST 01 8675- 8723 352MSNC MISRUN 003
40201 DST 1A 8675- 8723 352MSNC S004
40210 GAS TS IN 1H45M 3 FT FLARE
40231 FINAL OP 3H IFP 182 FFP 227 BHT 185F
40301 DST 02 8735- 8801 352MSNC S005
40310 GAS TS IN 1H30M
40331 FINAL OP 3H IFP 91 FFP 136 BHT 190F
40401 DST 03 8845- 8875 352MSNC 8860 S006
40410 GAS TS IN 0H10M 8 FT FLARE
40431 FINAL OP 3H IFP 227 FFP 409 BHT 220F
50102 352MSNC PERF W/ 1/FT 8848- 8878 GROSS 008
50202 352MSNC PERF W/ 1/FT 8848- 8878 GROSS 009
50302 352MSNC PERF W/ 1/FT 8848- 8878 GROSS 010
50402 352MSNC PERF W/ 1/FT 8848- 8878 GROSS 011

37.0 °C/hr
36.0 °C/hr

33 N 153 W 95 30 10002 053 00682273 43050 0480466810295124 0480477010295063
10010 157360 911309OVNN 10983K77
10021 TWP N 153 RGE W 95 SEC 30 055TH PRINCIPAL
101 NDAR MCKENZIE A 1980 FSL 1973 FWL W2 SE NW D D
102 APACHE CORP 1-30 KNIGHT
103 2256 GR KEENE
104 2263 OF 2251 P API 33 053 00682 00
105 SPUD 08/31/1977 COMP 10/25/1977 ROTARY D&A-05
107 DTD 10983 FM/TO 309OVNN
40101 DST 01 8661- 8697 351MDSN S002
40131 FINAL OP 1H30M IFP 438 FFP 538 BHT 230F
40201 DST 02 8826- 8864 352MSNC S003
40231 FINAL OP 1H30M IFP 328 FFP 365
40301 DST 03 10438-10460 3060PRW CUSH 1542 WTR 004
40331 FINAL OP 2H IFP 1131 FFP 1506

UN 013
S014
015
UN 016
UN 017
UN 018
UN 019
020

1396451
897176
PAL
WF

1739
D&A
MPGS
S002
003

1079992
1085272
PAL
WF

1098 00
D&A-0
2MSNC
S004

0081654
4100K71
PAL
WF

0099 00
D&A-0
2MSNC
D&A

0115443
4824477
PAL
WF

0198 00
D&A-0G
1MDSN
S002

0119622
2421176

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 743

33 N 153 W 95 30

10002 053 00682273 43050 0480466810295124 0480477010295063
10010 TWP N 153 RGE W 95 SEC 30 055TH PRINCIPAL 10983K77
10021 ND&A MCKENZIE A 1980 FNL 1973 FHL 42 SE NW 40 D 276
101 APACHE CORP 1-30 KNIGHT
102 2256 GR KEENE
103 2263 DF 2251 P API 33 053 00682 00
104 SPUD 08/31/1977 COMP 10/25/1977 ROTARY D&A-0G
105 DTD 1098J FM/TO 309DVNN
107 DST 01 8661-8697 351MDSN 8677 S002
40131 FINAL OP 1H30M IFP 438 FFP 538 BHT 230F
40201 DST 02 8826-8864 352MSNC S003
40231 FINAL OP 1H30M IFP 328 FFP 365
40301 DST 03 10438-10460 306DPRW CUSH 1542 WTR 004
40331 FINAL OP 2H IFP 1131 FFP 1506

38.8 °C / 100m

33 N 153 W 95 32

10002 053 00579273 43050 0480358010293335 0480363810293344
10010 TWP N 153 RGE W 95 SEC 32 055TH PRINCIPAL 10995J70
10021 ND&A MCKENZIE A 660 FNL 660 FHL 42 NW NW 40 WOE 277
101 UNIVERSAL RESOURCES I THOMPSON
102 2273 KB 2254 GR KEENE
103 2267 DF 2254 GR P LSE NO API 33-053-00579-00
104 SPUD 08/07/1970 COMP 10/17/1970 ROTARY OIL
105 DTD 10995 PB 9419 FM/TO 306DPRW
107 CSG 5 1/2 @ 9226 W/ 750 09
20102 351MDSN PERF W/ 2/FT 8870-8886 014
40101 DST 01 7047-7124 402AMS0 7086 003
40131 FINAL OP 1H IFP 92 FFP 229 BHT 195F
40201 DST 02 8677-8740 353CRLS 8708 S004
40210 GAS TS IN 1H 3 FT FLARE
40231 FINAL OP 3H IFP 92 FFP 230 BHT 223F
40301 DST 03 8762-8808 353CRLS 8785 S005
40331 FINAL OP 3H IFP 46 FFP 91 BHT 220F
40401 DST 04 8864-8888 353CRLS 8876 S006
40410 GAS TS IN OH10M AT 135 MCFD
40431 FINAL OP 3H IFP 159 FFP 591 BHT 238F
40501 DST 05 8886-8917 353CRLS 8902 S007
40531 FINAL OP 3H IFP 91 FFP 228 BHT 225F
40601 DST 06 9123-9160 353CRLS 9142 S008
40631 FINAL OP 3H IFP 68 FFP 114 BHT 224F
40701 DST 07 10434-10480 306NSKU
40731 FINAL OP 3H IFP 573 FFP 810
40801 DST 08 10770-10820 306DPRW
40810 GAS TS IN 1H48M RE-OPEN
40831 FINAL OP 3H IFP 545 FFP 1056 BHT 265F
40901 DST 09 10820-10866 306DPRW
40931 FINAL OP 3H IFP 911 FFP 4382 BHT 268F
50102 351MDSN PERF W/ 2/FT 8870-8886 013

38.6 °C / 100m

37.2

36.3

39.6

36.8

35.7

33 N 153 W 96 10

0480822210300468 0480832210300360

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 744

33 N 153 W 96 10

10010 053 00567273 76500 9999910 911306DPRW 10905170
10021 TWP N 153 RGE W 96 SEC 10 055TH PRINCIPAL
101 ND&A MCKENZIE A 510 FSL 810 FEL SW SE SE 40 40
102 PETREL OIL CORP 1 MOGEN
103 2097 KB 2083 GR SAND CREEK
104 2094 DF 2086 GR P API 33-053-00567 00
105 SPUD 08/14/1968 COMP 10/31/1968 ROTARY D&A-0G
107 DTD 10905 FM/TO 306DPRW
40101 DST 01 10719-10372 306NSKU 002
40131 FINAL OP 2H IFP 1199 FFP 1844 BHT 289F
40201 DST 02 10540-10574 306DPRW S003
40231 FINAL OP 1H IFP 1277 FFP 1277
40301 DST 03 10704-10765 306DPRW S004

C 10

SUB FILE GEOTHERMAL LISTING

15443
14477
WF
98 00
1A-0G
DSN
S002
19622
51J75
WF
72 0L
1A
RLK
003
25710
40477
L
WF
94 00
1A-0
S002
27457
36
L
WF
NGER
57-00
1A
ILBR
002
12523
134475

IL
WF
77-00
1A
ILBR
002
13300
129475

06/08/78

PAGE 744

SUB FILE GEOTHERMAL LISTING

33 N 153 W 96 10 10010 053 00567273 76500 9999910 911306DPRW 10905170
10021 TWP N 153 RGE W 96 SEC 10 055TH PRINCIPAL
101 NOAK KENZIE A 510 FSL 810 FEL SH SE SE MO 278
102 PETREL OIL CORP
103 2097 KB 2083 GR SAND CREEK
104 2094 DF 2086 GR P API 33-053- 00567 00
105 SPUD 08/14/1968 COMP 10/31/1968 ROTARY DAA-OG
107 DTD 10905 FM/TD 106DPRW
40101 DST 01 10319-10372 306NSKU 10346 002
40131 FINAL OP 2H IFP 1199 FFP 1844 BHT 289F
40201 DST 02 10540-10574 306DPRW S003
40231 FINAL OP 1H IFP 1277 FFP 1277
40301 DST 03 10704-10765 306DPRW S004
40310 GAS TS IN 3M18M
40331 FINAL OP 5H IFP 1274 FFP 1360

43.0 °C / km

33 N 154 W 82 31 10002 048112810126008 0481123410126009
10010 101 00115273 9999950 901352MSNC 5631370
10021 TWP N 154 RGE W 82 SEC 31 055TH PRINCIPAL
101 NOAK HARD A 660 FSL 1980 FEL C SH SW WF 279
102 KOCH INDUSTRIES INC 1 FERN HERTIGSTAD
103 1796 KB 1787 GR WILDCAT
104 1788 DF 1789 GR P LSE NO API 33-101- 00115-00
105 SPUD 01/25/1970 COMP 02/12/1970 ROTARY DAA-G
107 DTD 5631 FM/TD 352MSNC
40101 DST 01 5563- 6581 352MSNC S002
40131 FINAL OP 1H IFP 113 FFP 503 BHT 132F

33 N 154 W 84 29 10002 0481365010149319 0481383710149310
10010 101 00073273 1371350 900352MSNC 6350066
10021 TWP N 154 RGE W 84 SEC 29 055TH PRINCIPAL
101 NOAK HARD A 660 FNL 660 FEL NE NE WF WF 280
102 CHANDLER & ASSOCIATES 1 WICKMAN
103 2115 KB 2105 GR WILDCAT
104 2115 DF 2105 GR P API 33-101- 00073 00
105 SPUD 09/23/1966 COMP 10/08/1966 ROTARY DAA
107 DTD 6350 LTV 6340 FM/TD 352MSNC
40101 DST 01 5950- 5990 354RCLF 002
40131 FINAL OP 1H30M IFP 60 FFP 65 BHT 125F

33 N 154 W 95 2 10002 0481917210286891 0481920210286781
10010 105 00664273 99999 6500551 110306TRFK 3518KKN 10104170
10021 TWP N 154 RGE W 95 SEC 2 055TH PRINCIPAL
101 NOAK WILLIAMS A 1988 FNL 660 FNL SH NW WF WF 281
102 PAN AMERICAN PETROLEUM 1 B E ROWE
103 1969 KB 1955 GR UNNAMED
104 API 33-105- 00664 00
105 SPUD 07/18/1967 COMP 09/28/1967 ROTARY OIL
107 DTD 10104 PB 9990 FM/TD 306TRFK
111 CSG 5 010101 W/ 50 06
20102 3518KKN PERF 9900- 9961 GROSS 013

06/08/78

PAGE 745

SUB FILE GEOTHERMAL LISTING

33 N 154 W 95 2 40101 DST 01 7490- 7570 353K8BY 002
40131 FINAL OP 1H IFP 96 FFP 96 BHT 186F
40201 DST 02 9833- 9925 3518KKN S005
40231 FINAL OP 2H IFP 1616 FFP 2014 BHT 310F
50102 303NSH PERF JET W/ 2/FT 10008-10070 GROSS 007
50202 3518KKN PERF W/ 4/FT 9900- 9904 008
50302 3518KKN PERF W/ 2/FT 9904- 9914 009
50402 3518KKN PERF W/ 2/FT 9932- 9940 010
50502 3518KKN PERF W/ 2/FT 9952- 9961 011
50602 3518KKN PERF 9900- 9961 GROSS 012

77 N 154 W 95 2 10002 0481917210286891 0481920210286781

SUB FILE GEOTHERMAL LISTING

WF
 7-00
 3R
 002
 3900
 3478
 WF
 5 00
 A-06
 NC
 5005
 5006
 0730
 9469
 WF
 11 00
 A-0
 TA
 5002
 33184
 12476
 WOF

06/08/78

PETROLEUM INFORMATION CORP

SUB FILE GEOTHERMAL LISTING

33 N 154 W 95 2
 40101 DST 01 7490- 7570 351K8BY 002
 40131 FINAL OP 1H IFF 96 FFP 96 BHT 186F
 40201 DST 02 9833- 9925 351BKKN 9879 5005
 40231 FINAL OP 2H IFF 1616 FFP 2014 BHT 310F
 50102 303JNSH PERF JET W/ 2/FT 10008-10070 GROSS 007
 50202 351BKKN PERF W/ 4/FT 9900- 9904 008
 50302 351BKKN PERF W/ 2/FT 9904- 9914 009
 50402 351BKKN PERF W/ 2/FT 9932- 9940 010
 50502 351BKKN PERF W/ 2/FT 9952- 9961 011
 50602 351BKKN PERF 9900- 9961 GROSS 012

33 N 154 W 95 2
 10002 0481836710206886 0481840810286799
 10010 105 00667273 6500530 910203RDRV 13600269
 10021 TWP N 154 RGE W 95 SEC 2 055TH PRINCIPAL
 101 NDAK WILLIAMS A 360 FSL 660 FWL SH SW RD WD 282
 102 PAN AMERICAN PETROLEUM 1 CLIFFORD HARMON
 103 1972 KB 1957 GR UNNAMED
 104 API 33-105- 00667 00
 105 SPUD 10/23/1967 COMP 06/07/1968 ROTARY D&A-0
 107 DTD 13600 LTD 13577 FM/TO 203RDRV
 111 CSG 9 5/8 @ 9800 W/ 1560 03
 40101 DST 01 9800-10062 353CRLS 008
 40102 OVERLAPS 351BKKN 306TRFK
 40131 FINAL OP 1H IFF 1051 FFP 1254 BHT 215F
 50102 351BKKN PERF JET W/ 1/FT 9892-10020 GROSS 012

33 N 154 W 95 32
 10002 0481130510293091 0481136210293062
 10010 051 00510273 12000 1299060 900306SRRV 10510365
 10021 TWP N 154 RGE W 95 SEC 32 055TH PRINCIPAL
 101 NDAK MCKENZIE A 1140 FSL 1320 FWL SW D 283
 102 CALVERT DRILLING 1-X USA-PETERSON
 103 1865 KB 1853 GR CHARLSON
 104 1861 DF 1852 GR P LSE NO 224 API 33-053- 00530 00
 105 SPUD 12/31/1964 COMP 02/17/1965 ROTARY D&A
 107 DTD 10510 LTD 10510 FM/TO 306SRRV
 40101 DST 01 10204-10250 306DPRW 10227 WTR 002
 40131 FINAL OP 3H IFF 1093 FFP 1102 BHT 245F

33 N 154 W 103 7
 10002 0481785510397931 0481786910398030
 10010 105 00676273 3780054 120203RDRV 302WPGS 13150K68
 10021 TWP N 154 RGE W 103 SEC 7 055TH PRINCIPAL
 101 NDAK WILLIAMS A 1880 FSL 1980 FEL SW NE WF WFD 284
 102 HUNT LAMAR 1 BANK OF NDAK OYLOE
 103 2268 KB ROUND PRAIRIE
 104 2272 DF 2260 GR P API 33-105- 00676 00
 105 SPUD 08/26/1968 COMP 12/09/1968 ROTARY 2 011
 107 DTD 13350 PB 13338 FM/TO 203RDRV
 20102 302WPGS PERF JET W/ 1/FT 11790-11836 GROSS 021
 20202 203RDRV PERF JET W/ 1/FT 13090-13110 022
 40101 DST 01 9104- 9150 351MDSM S002
 40131 FINAL OP 4H IFF 286 FFP 859 BHT 218F

48.9°C/hm

35.6°C/hm

SUB FILE GEOTHERMAL LISTING

WEST
 39 00
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06/08/78

PETROLEUM INFORMATION CORP

SUB FILE GEOTHERMAL LISTING

33 N 154 W 103 7
 40201 DST 02 10694-10752 306NSKU CUSH 2115 WTR 5003
 40231 FINAL OP 3H IFF 1187 FFP 1730 BHT 226F
 40301 DST 03 10906-10945 306DPRW CUSH 2450 WTR 5004
 40331 FINAL OP 3H IFF 1339 FFP 1817 STRNG BLOW
 40401 DST 04 11788-11815 302WPGS CUSH 3680 WTR 5006
 40410 GAS TS IN 2H35M
 40431 FINAL OP 3H IFF 2100 FFP 3750
 40501 DST 05 11817-11871 302WPGS CUSH 3794 REVOUTS008
 40510 CUSH TS IN 0M30M
 40511 OIL TS IN 49M
 40531 FINAL OP 1H IFF 2129-FFP 4739 BHT 262F
 40601 DST 06 12004-12030 251RLK CUSH 4000 WTR 5009
 40631 FINAL OP 3H IFF 1846 FFP 1986 BHT 260F
 40701 DST 07 13040-13086 203RDRV CUSH 5060 WTR 5010
 40710 GAS TS IN 2H20M NO GAUGE
 40771 FINAL OP 7H IFF 2487 FFP 7274

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9-00 L RV 014

33 N 154 W 103 7
40201 DST 02 10694-10752 306NSKU CUSH 2115 WTR 5003
40231 FINAL OP 3H IFP 1187 FFP 1730 BHT 226F
40301 DST 03 10906-10945 306DPRW CUSH 2450 WTR 5004
40331 FINAL OP 3H IFP 1339 FFP 1817 STRNG BLOW
40401 DST 04 11788-11815 302WPGS CUSH 3680 WTR 5006
40410 GAS TS IN 2H35M
40431 FINAL OP 3H IFP 2100 FFP 3750
40501 DST 05 11817-11871 302WPGS CUSH 3794 REVOUTS008
40510 CUSH TS IN 0H30M
40511 OIL TS IN 49M
40531 FINAL OP 1H IFP 2129 FFP 4739 BHT 262F
40601 DST 06 12004-12030 2511RLK CUSH 4000 WTR 5009
40631 FINAL OP 3H IFP 1846 FFP 1986 BHT 260F
40701 DST 07 13040-13086 203RDRV CUSH 5060 WTR 5010
40710 GAS TS IN 2H20M NO GAUGE
40731 FINAL OP 3H IFP 2483 FFP 3279
40801 DST 08 13086-13140 203RDRV CUSH 5125 WTR 5011
40810 GAS TS IN 2H 10 PSI
40831 FINAL OP 3H IFP 2417 FFP 2815 BHT 279F
50102 203RDRV PERF JET W/ 1/FT 13070-13100 013
50202 203RDRV PERF JET W/ 4/FT 13118-13118 014
50302 203RDRV PERF JET W/ 4/FT 13120-13140 015
50402 203RDRV PERF JET W/ 1/FT 13090-13110 016
50502 203RDRV PERF JET W/ 1/FT 13090-13110 017
50550 SHTR
50602 203RDRV PERF JET W/ 1/FT 13090-13110 018
50702 302WPGS PERF JET W/ 1/FT 11790-11836 GROSS 019
50802 203RDRV PERF JET W/ 1/FT 13090-13110 020
50850 SHTR

33 N 154 W 103 7
10002 0481744410397803 0481732610397916
10010 105 00716273 75275 4200061 110302WPGS 302WPGS 13200074
10021 TWP N 154 RGE W 103 SEC 7 055TH PRINCIPAL
101 NDAR WARD A 1980 FSL 1650 FWL 62 SH WF DO 285
102 TREND EXP-ETAL 1 O HODGEN
103 2258 GR ROUND PRAIRIE
104 2270 DF 2258 GR P LSE NO API 33-105- 00716-00
105 SPUD 05/06/1974 COMP 10/06/1974 ROTARY OIL
107 DTD 13200 PB 12900 FM/TD 302WPGS
20102 302WPGS PERF W/ 2/FT 11806-11811 010
20150 WTR
40101 DST 01 11788-11822 302WPGS 5003
40131 FINAL OP 2H IFP 1945 FFP 2635 BHT 261F
40201 DST 02 11823-11840 302WPGS 004
40231 FINAL OP 2H IFP 2235 FFP 4124 BHT 264F
40301 DST 03 12784-12851 203GNTN 005
40331 FINAL OP 1H IFP 2195 FFP 2217 BHT 244F
40401 DST 04 12960-13075 203RDRV 006
40431 FINAL OP 0H30M IFP 2272 FFP 2617 BHT 248F
40501 DST 05 13076-13092 203RDRV 007
40531 FINAL OP 0H15M IFP 2308 FFP 2308 BHT 254F

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33 N 154 W 103 7
40601 DST 06 13074-13092 203RDRV 008
40631 IFP 1872 FFP 1872 BHT 253F
40701 DST 07 13102-13144 203RDRV 009
40731 FINAL OP 1H IFP 2126 FFP 2272 BHT 264F

33 N 155 W 82 25
10002 0482128510116338 0482103110116222
10010 101 00203273 130550 900352MSNC 5300377
10021 TWP N 155 RGE W 82 SEC 25 055TH PRINCIPAL
101 NDAR WARD A 660 FSL 660 FWL C SH SH WF WF
102 ANADARKO PROD 1 MARTIN
103 1659 KB 1647 GP WILDCAT
104 1657 DF 1647 GR P LSE NO API 33-101- 00203-00
105 SPUD 03/03/1977 COMP 03/15/1977 ROTARY D&R
107 DTD 5300 LTD 5298 FM/TO 352MSNC
40101 DST 01 5098- 5120 352GLBR 002
40131 FINAL OP 1H30M IFP 123 FFP 404 BHT 125F

SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

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SUB FILE GEOTHERMAL LISTING

33 N 154 W 103 7 40601 DST 06 13074-13092 203RDRV 008
 40631 IFF 1872 FFP 1872 BHT 253F
 40701 DST 07 13102-13144 203RDRV 009
 40731 FINAL OP 1M IFF 2126 FFP 2222 BHT 264F

33 N 155 W 82 25 10002 0482128910116338 0482103110116222
 10010 101 00203273 130550 900352MSNC 5300377
 10021 TWP N 155 RGE W 82 SEC 25 055TH PRINCIPAL
 101 NDAX WARD A 660 FSL 660 FNL C SW SW WF 286
 102 ANADARKO PROD 1 MARTIN
 103 1659 KB 1647 GR WILLOCAT
 104 1657 DF 1647 GR P LSE NO API 33-101- 00203-00
 105 SPUD 03/03/1977 COMP 03/15/1977 ROTARY D&A
 107 DTD 5300 LTD 5298 FM/TD 352MSNC
 40101 DST 01 5098- 5120 352GLBR 002
 40131 FINAL OP 1M IFF 123 FFP 404 BHT 125F

33 N 155 W 85 6 10002 0482818310165921 0482826610165911
 10010 101 00059273 2223050 901351MDSN 6356565
 10021 TWP N 155 RGE W 85 SEC 6 055TH PRINCIPAL
 101 NDAX WARD A 660 FNL 555 FNL NW NW WF 287
 102 DEKALB AGRICULTURAL 1 DEKALB SANDSTROM
 103 2030 KB 2028 GR LONE TREE AREA
 104 2038 DF 2028 GR P API 33-101- 00059 00
 105 SPUD 03/05/1965 COMP 03/22/1965 ROTARY D&A-G
 107 DTD 6355 LTD 6356 FM/TD 351MDSN
 40101 DST 01 6070- 6112 353MIDL S002
 40131 FINAL OP 1M IFF 128 FFP 467 BHT 150F
 40201 DST 02 6148- 6230 351MDSN 003
 40231 FINAL OP 1M IFF 36 FFP 50 BHT 148F

33 N 155 W 85 19 10002 0482313810165881 0482318510165837
 10010 101 00127273 51285 9999961 110352SHRD 352SHRD 6585371
 10021 TWP N 155 RGE W 85 SEC 19 055TH PRINCIPAL
 101 NDAX WARD A 1930 FSL 830 FNL SE NW SW D 288
 102 DEPCO TNC ETAL 1 PEARSON
 103 2188 KB 2176 GR LONE TREE S
 104 2185 DF 2176 GR P API 33-101- 00127 00
 105 SPUD 12/30/1970 COMP 02/10/1971 ROTARY OIL
 107 DTD 6585 LTD 6585 FM/TD 352SHRD
 20102 352SHRD PERF W/ 4/FT 6496- 6507 005
 40101 DST 01 6486- 6530 352SHRD S003
 40131 30M IFF 331 FFP 434 BHT 151F

33 N 155 W 85 19 10002 0482368410165919 0482364610165826
 10010 101 00170273 51285 2342960 901351MDSN 6540675
 10021 TWP N 155 RGE W 85 SEC 19 055TH PRINCIPAL
 101 NDAX WARD A 1320 FNL 660 FNL W2 NW D 289
 102 DEPCO TNC 2 PEARSON
 103 2151 KB LONE TREE SOUTH
 104 2149 DF 2141 GR P LSE NO API 33-101- 00170-00

SUB FILE GEOTHERMAL LISTING

33 N 155 W 85 19 105 SPUD 08/12/1974 COMP 08/29/1974 ROTARY D&A-G
 107 DTD 6540 LTD FM/TD 351MDSN
 40101 DST 01 6455- 6493 351STTA S003
 40131 FINAL OP 0M30M IFF 181 FFP 210 BHT 148F

33 N 155 W 85 19 10002 0482277510164996 0482271810164964
 10010 101 00195273 57280 4533760 911351MDSN 6525K77
 10021 TWP N 155 RGE W 85 SEC 19 055TH PRINCIPAL
 101 NDAX WARD A 660 FSL 1980 FEL C SW SE D D
 102 ANADARKO PROD 15-19 NESHAM
 103 2169 KB 2158 GR LONETREE SO
 104 API 33 101 00195 00
 105 SPUD 12/07/1976 COMP 08/29/1977 ROTARY D&A-OG
 107 DTD 6525 FM/TD 351MDSN
 40101 DST 01 STRD 6449- 6471 352SHRD S002
 40131 FINAL OP 2H IFF 73 FFP 91 BHT 150F

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DRY
S002
S003
S004
BL0W
S005
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IFG
W 002

33 N 155 W 85 19 105 SPUD 08/12/1974 COMP 08/29/1974 ROTARY D&A-G
107 OTD 6540 LTD FM/TO 351MDSN
40101 DST 01 6455- 6493 351STTA S003
40131 FINAL OP OH30M IFF 181 FFP 210 BHT 148F
33 N 155 W 85 19 10002 0482277510164996 0482271810164964
10010 101 00195273 57280 4533760 911351MDSN 6525K77
10021 TWP N 155 RGE W 85 SEC 19 055TH PRINCIPAL
101 NDOK WARD A 660 FSL 1980 FEL C SW SE D 290
102 ANADARKO PROD 15-19 NESHAN
103 2169 KB 2158 GR LONETREE SO
104 API 33 101 00195 00
105 SPUD 12/07/1976 COMP 08/29/1977 ROTARY D&A-OG
107 OTD 6525 FM/TO 351MDSN S002
40101 DST 01 STRO 6448- 6471 352SHRD
40131 FINAL OP 2H IFF 73 FFP 91 BHT 150F
50102 352SHRD PERF W/ 4/FT 6448- 6457 004
33 N 155 W 86 1 10002 0482715010168126 0482709210168026
10010 101 00187273 51280 4533760 911351MDSN 6400076
10021 TWP N 155 RGE W 86 SEC 1 055TH PRINCIPAL
101 NDOK WARD A 660 FSL 660 FHL C SW SW D 291
102 KISSINGER PET ETAL 13-1 HENNESSY
103 2074 KB 2067 GR LONE TREE
104 API 33 101 00187 00
105 SPUD 06/02/1976 COMP 06/16/1976 ROTARY D&A-OG
107 OTD 6400 FM/TO 351MDSN
40101 DST 01 6327- 6379 352SHRD S003
40131 FINAL OP 1H IFF 53 FFP 53 BHT 152F
33 N 155 W 86 3 10002 0482788110170885 0482791010170770
10010 101 00083273 9999951 110351STTA 351STTA 6485168
10021 TWP N 155 RGE W 86 SEC 3 055TH PRINCIPAL
101 NDOK WARD A 1971 FNL 600 FEL NE SE NE WF WFD 292
102 VESSELS TOM 1 DOULTITLE
103 2009 KB 1999 GR BERTHOLD AREA
104 2107 DF 2097 GR P API 33-101- 00083 00
105 SPUD 07/22/1967 COMP 08/24/1967 ROTARY OIL
107 OTD 6485 PB 6449 FM/TO 351STTA
20102 351STTA PERF W/ 4/FT 6429- 6433 007
40101 DST 01 6393- 6440 351STTA HISRUN 003
40201 DST 02 6393- 6440 351STTA S004
40210 GAS TS IN 2M AT 27 MCFD
40131 FINAL OP 1H IFF 600 FFP 2116 BHT 163F
50102 351STTA PERF W/ 4/FT 6429- 6433 006
33 N 155 W 86 11 10002 0482602410169224 0482599010169185
10010 101 00152273 51280 3411061 110353MMLL 352SHRD 6550072
10021 TWP N 155 RGE W 86 SEC 11 055TH PRINCIPAL
101 NDOK WARD A 1980 FSL 1980 FEL C NW SE D DO 293
102 HALEY JOHN B TRUST 1 KILENE

33 N 155 W 86 11 103 2144 KB 2135 GR LONE TREE
104 API 33 101 00152 00
105 SPUD 08/03/1972 COMP 09/25/1972 ROTARY OIL
107 OTD 6550 PB 6482 FM/TO 353MMLL
20102 352SHRD PERF JET W/ 2/FT 6455- 6460 007
40101 DST 01 6435- 6466 352SHRD S004
40110 GAS TS IN 13M 4 FT FLARE
40131 FINAL OP OH30M IFF 299 FFP 381 BHT 157F
50102 352SHRD PERF JET W/ 2/FT 6455- 6460 006
33 N 155 W 86 11 10002 0482602710169769 0482599410169696
10010 101 00156273 51280 3411060 911352SHRD 6501K72
10021 TWP N 155 RGE W 86 SEC 11 055TH PRINCIPAL
101 NDOK WARD A 1980 FSL 1980 FHL C NE SW D D

06/08/78

PETROLEUM INFORMATION CORP

PAGE 749

SUB FILE GEOTHERMAL LISTING

33 N 155 W 86 11 103 2144 KB 2135 GR LONE TREE
 104 API 33 101 00152 00
 105 SPUD 08/03/1972 COMP 09/25/1972 ROTARY OIL
 107 DTD 6550 PB 6482 FM/TO 353MHL
 20102 352SHRD PERF JET W/ 2/FT 6455- 6460 007
 40101 DST 01 6435- 6466 352SHRD S004
 40110 GAS TS IN 13M 4 FT FLARE
 40131 FINAL OP OH30M IFF 299 FFP 381 BHT 157F
 50102 352SHRD PERF JET W/ 2/FT 6455- 6460 006

33 N 155 W 86 11 10002 0482602710169769 0482599410169696
 10010 101 00156273 51280 3411060 911352SHRD 6501K72
 10021 TWP N 155 RGE W 86 SEC 11 055TH PRINCIPAL
 101 NDAK WARD A 1980 FSL 1980 FWL C NE SW D 294
 102 HAWLEY JOHN B TRUST 2 KILLER
 103 2160 KB LONE TREE
 104 API 33 101 00156 00
 105 SPUD 10/07/1972 COMP 10/22/1972 ROTARY O&A-OG
 107 DTD 6501 FM/TO 352SHRD
 40101 DST 01 6468- 6476 352SHRD S003
 40131 FINAL OP OH30M IFF 232 FFP 298 BHT 154F

33 N 155 W 86 12 10002 0482607910168125 0482603510168097
 10010 101 00168273 51280 3410060 911353MHL 6435874
 10021 TWP N 155 RGE W 86 SEC 12 055TH PRINCIPAL
 101 NDAK WARD A 1980 FSL 660 FWL C NW SW D 295
 102 HAWLEY JOHN B TRUST 1 LEWIS MANN
 103 2114 KB 2102 GR LONE TREE
 104 API 33 101 00168 00
 105 SPUD 06/18/1974 COMP 07/02/1974 ROTARY O&A-OG
 107 DTD 6435 FM/TO 353MHL
 40101 DST 01 6380- 6394 352SHRD S003
 40131 FINAL OP OH45M IFF 55 FFP 83 BHT 148F

33 N 155 W 86 13 10002 0482423710167041 0482428110167008
 10010 101 00128273 51285 9999961 110353MHL 352SHRD 6560371
 10021 TWP N 155 RGE W 86 SEC 13 055TH PRINCIPAL
 101 NDAK WARD A 660 FSL 1980 FEL C SW SE D DO 296
 102 DEPCO INC ETAL 1 WICKHAM
 103 2159 KB 2147 GR LONE TREE S
 104 2158 DF 2149 GR P API 33-101- 00128 00
 105 SPUD 01/16/1971 COMP 03/11/1971 ROTARY OIL
 107 LTD 6560 FM/TO 353MHL
 20102 352SHRD PERF W/ 4/FT 6491- 6494 007
 40101 DST 01 6483- 6493 352SHRD S003
 40131 FINAL OP OH30M IFF 482 FFP 767 BHT 150F
 50102 352SHRD PERF W/ 4/FT 6491- 6494 005
 50202 352SHRD PERF W/ 4/FT 6491- 6494 006

33 N 155 W 86 13 10002 0482490810167622 0482493310167569
 10010 101 00131273 51285 3411011 110352SHRD 352SHRD 6560871

06/08/78

PETROLEUM INFORMATION CORP

PAGE 750

SUB FILE GEOTHERMAL LISTING

33 N 155 W 86 13 10021 TWP N 155 RGE W 86 SEC 13 055TH PRINCIPAL
 101 NDAK WARD A 2080 FNL 1950 FWL S2 SE NW W0 DO
 102 HAWLEY JOHN B TRUST 1 MANN
 103 2137 KB LONE TREE S
 104 2137 DF 2129 GR P API 33-101- 00131 00
 105 SPUD 06/12/1971 COMP 02/05/1971 ROTARY OIL
 107 DTD 6560 FM/TO 352SHRD
 20102 352SHRD PERF W/ 4/FT 6467- 6472 006
 40101 DST 01 STPD 6464- 6474 352SHRD S003
 40110 GAS TS IN 1H 5M
 40131 FINAL OP OH30M IFF 539 FFP 821 BHT 164F
 50102 352SHRD PERF W/ 4/FT 6467- 6472 005

33 N 155 W 86 13 10002 0482460710167605 0482465410167559

06/08/78

PAGE 750

SUB FILE GEOTHERMAL LISTING

33 N 155 W 86 13 10021 TWP N 155 RGE W 86 SEC 13 055TH PRINCIPAL
 101 NDAR WARD A 2080 FNL 1950 FNL 52 SE NW DO 297
 102 HAWLEY JOHN B TRUST 1 MANA
 103 2137 KB LONETREE S
 104 2137 DF 2129 GR P API 33-101-00131 00
 105 SPUD 06/12/1971 COMP 08/05/1971 ROTARY OIL
 107 DTD 6560 FM/TO 352SHRD
 20102 352SHRD PERF W/ 4/FT 6467- 6472 006
 40101 DST 01 STRD 6464- 6474 352SHRD 5003
 40110 GAS TS IN 1M 5M
 40131 FINAL OP OH30M IFF 539 FFP 821 BHT 164F
 50102 352SHRD PERF W/ 4/FT 6467- 6472 005

33 N 155 W 86 13 10002 0482460710167605 0482465410167559
 10010 101 00134273 51285 3411061 110353MMLL 352SHRD 6575J71
 10021 TWP N 155 RGE W 86 SEC 13 055TH PRINCIPAL
 101 NDAR WARD A 1980 FNL 1980 FNL C NE SW DO 298
 102 HAWLEY JOHN B TRUST 2 MANA
 103 2155 KB LONETREE SOUTH
 104 2155 DF 2146 GR P API 33-101-00134 00
 105 SPUD 07/13/1971 COMP 09/02/1971 ROTARY OIL
 107 DTD 6575 LTD 6575 PB 6505 FM/TO 353MMLL
 20102 352SHRD PERF JET W/ 2/FT 6487- 6494 006
 40101 DST 01 MISRUN 003
 40201 DST 02 STRD 6482- 6494 352SHRD 5004
 40210 GAS TS IN 10M
 40231 FINAL OP OH25M IFF 165 FFP 407 BHT 161F

33 N 155 W 86 13 10002 0482494910167008 0482497710166997
 10010 101 00135273 51285 3411061 110353MMLL 352SHRD 6525071
 10021 TWP N 155 RGE W 86 SEC 13 055TH PRINCIPAL
 101 NDAR WARD A 1980 FNL 1980 FNL SW NE DO 299
 102 HAWLEY JOHN B TRUST 1 REISBOS
 103 2121 KB LONETREE SOUTH
 104 2123 DF 2113 GR P API 33-101-00135 00
 105 SPUD 08/03/1971 COMP 09/15/1971 ROTARY OIL
 107 DTD 6525 FM/TO 353MMLL
 20102 352SHRD PERF JET W/ 4/FT 6437- 6445 005
 40101 DST 01 STRD 6436- 6445 352SHRD 5003
 40131 FINAL OP 1M IFF 123 FFP 236 BHT 151F

33 N 155 W 86 22 10002 0482353810171455 0482347410171313
 10010 101 00183273 9999950 911351MDSN 6713176
 10021 TWP N 155 RGE W 86 SEC 22 055TH PRINCIPAL
 101 NDAR WARD A 1980 FNL 1980 FNL SW NE WF 300
 102 BRALORNE INTERNATIONAL 7-22 MANA ETAL
 103 2222 KB 2258 GR WILDCAT
 104 2266 DF 2258 GR P LSE NO API 33-101-00183-00
 105 SPUD 11/24/1975 COMP 12/08/1975 ROTARY OIL
 107 DTD 6712 LTD 6713 FM/TO 351MDSN
 40101 DST 01 STRD 6663- 6686 352BLLL 5003

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06/08/78

PAGE 751

SUB FILE GEOTHERMAL LISTING

33 N 155 W 86 22 40131 FINAL OP OH30M IFF 67 FFP 96 BHT 152F
 33 N 155 W 86 25 10002 0482242410166465 0482244310166479
 10010 101 00140273 51285 9999961 110353MMLL 352SHRD 6655J71
 10021 TWP N 155 RGE W 86 SEC 25 055TH PRINCIPAL
 101 NDAR WARD A 660 FNL 660 FEL C NE NE D DO
 102 HAWLEY JOHN B TRUST 2 FJEDRAL
 103 2219 KB LONETREE SOUTH
 104 2218 DF 2209 GR P API 33-101-00140 00
 105 SPUD 08/18/1971 COMP 10/07/1971 ROTARY OIL
 107 DTD 6655 PB 6583 FM/TO 353MMLL
 20102 352SHRD PERF JET W/ 2/FT 6559- 6562 005
 40101 DST 01 6558- 6571 352SHRD 5003
 40110 GAS TS IN 1M BURNED 4 FT FLARE
 40131 FINAL OP 1M IFF 203 FFP 699 BHT 158F

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30 S 26 E 18 18 10002 0320406110310644 0320413010310622
 10010 DSE 25583650 53075 9745061 1104530UEN 4530UEN 3750J77
 10021 TWP S 26 RGE E 38 SEC 18 21 NEW MEXICO
 101 NREX LEA 1650 FS 330 FW D DO
 10201 YATES PET 1 POWELL ED FED /16/
 103 1002 GR 01 LEONARD S
 104 GR LSE NO API 30-025-25583-00
 105 SPUD 05/28/1977 COMP 11/04/1977 ROTARY 3 OIL
 107 DTD 3750 LTD PB 3733 FM/TD 4530UEN
 20102 4530UEN PERF W/ 24/1T 3596- 3637 GROSS
 20141 3750FT BHT 106F

33 N 129 W 101 6 10002 0460259610336608 0460238110336338
 10010 011 00197273 99999 5025051 110203RDRV 203RDRV 9600875
 10021 TWP N 129 RGE W 101 SEC 6 055TH PRINCIPAL
 101 NORA BOWMAN A 2100 FNL 787 FNL SE SW NW NE WFD
 102 LUFF KENNETH 1-6 HANSEN
 103 2925 KB 2912 GR UNGRADED
 104 2920 DF 2910 GR P LSE NO API 33-011-00197-00
 105 SPUD 05/16/1975 COMP 08/05/1975 ROTARY OIL
 107 DTD 9600 FM/TD 203RDRV
 20102 203RDRV PERF W/ 2/FT 9353- 9432 GROSS 006
 20150 MTR
 40101 DST 01 9308- 9385 203RDRV S002
 40110 GAS TS IA 0420M AT 39 MCFD
 40131 FINAL OP 1410M IFP 286 FFP 762 BHT 217F
 40201 DST 02 9396- 9450 203RDRV S003
 40231 FINAL OP 2H IFP 48 FFP 95 BHT 219F
 40301 DST 03 9468- 9541 203RDRV 004
 40331 FINAL OP 1430M IFP 47 FFP 47 BHT 220F

33 N 129 W 101 28 10002 0459729210332081 0459704310332081
 10010 011 00182273 99999 5025051 110203RDRV 203RDRV 9432974
 10021 TWP N 129 RGE W 101 SEC 28 055TH PRINCIPAL
 101 NORA BOWMAN A 560 FNL 1975 FNL SW NE NW NE WFD
 102 LUFF KENNETH ETAL 1-28 JETT
 103 2889 KB 2875 GR UNGRADED
 104 2882 DF 2872 GR P LSE NO API 33-011-00182-00
 105 SPUD 02/24/1974 COMP 05/29/1974 ROTARY OIL
 107 DTD 9432 LTD 9400 PB 9358 FM/TD 203RDRV
 20102 203RDRV PERF W/ 1/FT 9162- 9364 GROSS 008
 40101 DST 01 7394- 7460 353KBBY S002
 40131 FINAL OP 1430M IFP 928 FFP 3187 BHT 150F
 40201 DST 02 STRD 9168- 9310 203RDRV S003
 40231 FINAL OP 2H IFP 420 FFP 649 BHT 210F
 40301 DST 03 9320- 9432 203RDRV S004
 40331 FINAL OP 2H IFP 178 FFP 407 BHT 210F
 50102 203RDRV PERF W/ 1/FT 9162- 9364 GROSS 007

33 N 129 W 102 11 10002 0460067410340279 0460043210340221
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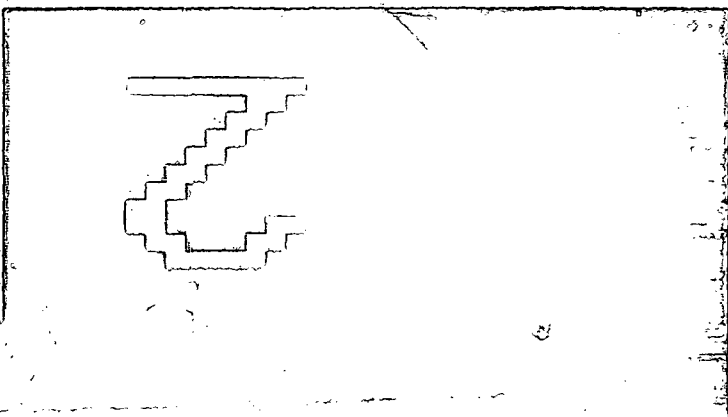
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30 S 24 E 28 1

1-145

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RU	INDEX
A	30 S 24 E 28 11
B	30 S 24 E 28 12
C	30 S 24 E 28 13
D	30 S 24 E 28 14
E	30 S 24 E 28 15
F	30 S 24 E 28 16
G	30 S 24 E 28 17
H	30 S 24 E 28 18
I	30 S 24 E 28 19
J	30 S 24 E 28 20
K	30 S 24 E 28 21
L	30 S 24 E 28 22
M	30 S 24 E 28 23



RV	INDEX
A	30 S 24 E 28 27
B	30 S 24 E 28 28
C	30 S 24 E 28 29
D	30 S 24 E 28 30
E	30 S 24 E 28 31
F	30 S 24 E 28 32
G	30 S 24 E 28 33
H	30 S 24 E 28 34
I	30 S 24 E 28 35
J	30 S 24 E 28 36
K	30 S 24 E 28 37
L	30 S 24 E 28 38
M	30 S 24 E 28 39

① N. DAKOTA
 650-700

GEOHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 102 11 10021 TWP N 129 RGE W 102 SEC 11 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 1320 FSL 2280 FAL (E2 SW) W0 W0 3
 102 PENN201-EG 1 BAGLEY
 103 2821 GR GRAND RIVER
 104 2830 DF 2820 P API 33 011 00202 00
 105 SPUD 09/24/1975 COMP 11/02/1975 ROTARY DBA-OG
 107 OTD 9500 FM/TO 203RDRV
 40101 DST 01 9195- 9252 203RDRV MISRUN 002
 40201 DST 02 STRD 9195- 9262 203RDRV S003
 40231 FINAL OP 1H IFF 326 FFP 363 BHT 218F 0
 40301 DST 03 9302- 9350 203RDRV S004
 40331 FINAL OP 1H IFF 212 FFP 337 BHT 218F 0
 40401 DST 04 9354- 9440 203RDRV 005
 40431 FINAL OP 0430H IFF 112 FFP 137

33 N 129 W 102 21 100 2 0459769010343773 0459741610343685
 10010 011 00205273 6188650 911203RDRV 9275K75
 10021 TWP N 129 RGE W 102 SEC 21 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 820 FSL 1820 FEL (NE SW SE) WF WF 4
 102 OIL DEV OF TEXAS 1 FANDRICK
 103 2859 KB 2849 GR WILDCAT
 104 2857 DF 2847 GR P LSE NO API 33-011- 00205-00
 105 SPUD 10/20/1975 COMP 11/27/1975 ROTARY DBA-OG
 107 OTD 9275 FM/TO 203RDRV
 40101 DST 01 9000- 9045 203RDRV S002
 40131 FINAL OP 1H IFF 125 FFP 167 BHT 214F 0
 40201 DST 02 9090- 9125 203RDRV 003
 40231 FINAL OP 1H IFF 209 FFP 438
 40301 DST 03 9165- 9209 203RDRV S004
 40331 FINAL OP 1H IFF 188 FFP 334

33 N 129 W 102 33 10002 0459479610343269 0459450510343055
 10010 011 00233273 80651 502501 911203RDRV 9150677
 10021 TWP N 129 RGE W 102 SEC 33 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 700 FSL 200 FEL (NE SE SW) W0 W0 5
 102 LUFF KENNETH 1-33 FANDRICK
 103 2903 KB 2891 GR STATE LINE EAST
 104 API 33 011 00233 00
 105 SPUD 02/24/1977 COMP 03/27/1977 ROTARY DBA-OG
 107 OTD 9150 FM/TO 203RDRV
 40101 DST 01 8894- 8957 203RDRV 8926 S002
 40131 IFF 190 FFP 286 BHT 222F 0
 40201 DST 02 9044- 9087 203RDRV 9066 S003
 40231 FINAL OP 2H IFF 143 FFP 317 BHT 224OF 0
 40301 DST 03 STRD 9050- 9154 203RDRV 9102 S004
 40331 FINAL OP 2H IFF 683 FFP 1956 BHT 220F 0
 surface temp 45°F
 36.1 °C/10m
 35.0 °C/10m
 35.2 °C/10m

33 N 129 W 102 34 10002 0459542710342042 0459520410342011
 10010 011 00229273 800 502501 110203RDRV 9228377
 10021 TWP N 129 RGE W 102 SEC 34 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 1750 FAL 2500 FAL (NE SE NW) WF WFD 6

GEOHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 102 34 102 LUFF KENNETH D 1-34 BOCK-WHITE
 103 2870 KB 2859 GP ASH
 104 API 33 011 00229 00
 105 SPUD 11/24/1976 COMP 01/08/1977 ROTARY OIL
 107 OTD 9222 LTD 9221 PB 9065 FM/TO 203RDRV
 20102 203RDRV PERF W/ 2'FT 8998- 9006 005
 40101 DST 01 8958- 9022 203RDRV S002
 40131 FINAL OP 2H IFF 308 FFP 882 BHT 226F
 40201 DST 02 9120- 9208 203RDRV S003
 40231 FINAL OP 2H IFF 1606 FFP 3528 BHT 220F

33 N 129 W 102 35 10002 0459789910352921 0459789410352700
 10010 011 00209273 80650 5025060 911203RDRV 9310177
 10021 TWP N 129 RGE W 102 SEC 23 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 2540 FSL 1450 FAL (NW NE SW) O O
 102 LUFF KENNETH ETAL 1-23 G HUGHES
 103 2976 KB 2964 GP STATE LINE

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 102 34 102 LUFF KENNETH D 1-34 BOCK-WHITE
 103 2870 KB 2859 GP ASH
 104 API 33 011 00229 00
 105 SPUD 11/24/1976 COMP 01/08/1977 ROTARY OIL
 107 DTD 9228 LTD 9221 PB 9065 FM/TD 203RDRV
 20102 203RDRV PERF W/ 2/FT 8998- 9006 005
 40101 DST 01 8956- 9022 203RDRV 8989 S002
 40131 FINAL OP 2H IFF 308 FFP 882 BHT 226F 36.7°C/ft
 40201 DST 02 9120- 9208 203RDRV 9164 S003
 40231 FINAL OP 2H IFF 1606 FFP 3528 BHT 230F 36.8°C/ft

33 N 129 W 103 23 10002 0459799910352921 0459789410352700
 10010 011 00209273 80650 5025060 911203RDRV 9310J77
 10021 TWP N 129 RGE W 103 SEC 23 055TH PRINCIPAL
 101 NDAK BOWMAN A 2540 FSL 1450 FWL NW NE SW D 7
 102 LUFF KENNETH ETAL 1-23 G HUGHES
 103 2976 KB 2964 GR STATE LINE
 104 2973 DF 2963 P API 33 011 00209 00
 105 SPUD 02/21/1976 COMP 03/17/1976 ROTARY D&A-OG
 107 DTD 9310 FM/TD 203RDRV
 40101 DST 01 9044- 9112 203RDRV REVOUTS002
 40102 OVERLAPS 203GNTN 9078
 40110 GAS TS IN 04M /NO GAUGE/
 40131 FINAL OP 2H IFF 226 FFP 573 BHT 230F
 40201 DST 02 9128- 9180 203RDRV 9154 REVOUT 003 37.1°C/ft
 40231 FINAL OP 1H30M IFF 275 FFP 350 BHT 232F 37.2°C/ft
 40301 DST 03 9193- 9288 203RDRV 9240 REVOUTS004
 40331 FINAL OP 2H IFF 412 FFP 1144 BHT 236F 37.7°C/ft
 40401 DST 04 STRD 9202- 9237 203RDRV REVOUTS005
 40431 FINAL OP 2H IFF 115 FFP 229 BHT 205F

33 N 129 W 103 25 10002 0459656110351122 0459643710351025
 10010 011 00214273 80650 5025061 110203RDRV 203RDRV 9260776
 10021 TWP N 129 RGE W 103 SEC 25 055TH PRINCIPAL
 101 NDAK BOWMAN A 2125 FSL 660 FWL N2 NW SW DO 8
 102 LUFF KENNETH ETAL 1-25 GRENT
 103 2925 GR STATE LINE
 104 2936 DF 2926 GR P LSE NO API 33-011- 00214-00
 105 SPUD 03/19/1976 COMP 05/20/1976 ROTARY OIL
 107 DTD 9260 PB 9219 FM/TD 203RDRV
 20102 203RDRV PERF W/ 2/FT 9036- 9042 006
 40101 DST 01 8996- 9070 203RDRV S002
 40110 GAS TS IN 1H55M 9033
 40131 FINAL OP 2H IFF 273 FFP 498 BHP 226F 36.5°C/ft
 40201 DST 02 9056- 9150 203RDRV 9118 S003 36.2
 40231 FINAL OP 2H IFF 223 FFP 323 BHP 226F
 40301 DST 03 9149- 9188 203RDRV 9168 004 36.0
 40331 FINAL OP 2H IFF 198 FFP 223 BHP 226F

33 N 129 W 103 27 10002 0459639910355097 0459635810355007
 10010 011 00176273 80650 2342910 911203RDRV 9260473

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 103 27 10021 TWP N 129 RGE W 103 SEC 27 055TH PRINCIPAL
 101 NDAK BOWMAN A 1770 FSL 1250 FWL SE NW SW W0 W0
 102 DEPCO INC ETAL 13-27 HUGHES
 103 2992 KB STATE LINE
 104 API 33 011 00176 00
 105 SPUD 03/11/1973 COMP 04/08/1973 ROTARY D&A-OG
 107 DTD 9260 FM/TD 203RDRV
 40101 DST 01 8988- 9140 203RDRV S003
 40131 FINAL OP 0H55M IFF 249 FFP 598 BHT 223F
 40201 DST 02 9139- 9210 203RDRV 9168 004
 40231 55M IFF 1929 FFP 3834

33 N 129 W 103 27 10002 0459674410354958 0459675510354940
 10010 011 00183273 80650 5025061 110203RDRV 203RDRV 9215974
 10021 TWP N 129 RGE W 103 SEC 27 055TH PRINCIPAL
 101 NDAK BOWMAN A 2400 FSL 1750 FWL SW SE NW W0 W0E
 102 LUFF KENNETH ETAL 1-27 HUGHES
 103 2967 KB 2953 GR STATE LINE

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 103 27 10021 TWP N 129 RGE W 103 SEC 27 055TH-PRINCIPAL
 101 NDAK (BOLMAN) A 1770 FSL 1250 FML SE NW SW WO
 102 DEPCO INC ETAL 13-27 HUGHES
 103 2992 KB STATE LINE
 104 API 33 011 00176 00
 105 SPUD 03/11/1973 COMP 04/08/1973 ROTARY OIL
 107 DTD 9260 FM/TO 203RDRV
 40101 DST 01 8988- 9140 203RDRV 9064 S003
 40131 FINAL OP 0455M IFF 249 FFP 598 BHT 223F
 40201 DST 02 9139- 9230 203RDRV 004
 40231 5EM IFF 1929 FFP 3834

9
 35.8 °C/hm

30 S 24 E
 30 S 24 E

33 N 129 W 103 27 10002 0459674410354958 0459675510354940
 10010 011 00183273 80650 5025011 110203RDRV 203RDRV 9215974
 10021 TWP N 129 RGE W 103 SEC 27 055TH-PRINCIPAL
 101 NDAK (BOLMAN) A 2400 FML 1750 FML SW SE NW WO
 102 LUFF KENNETH ETAL 1-27 HUGHES
 103 2967 KB 2953 GR STATE LINE
 104 2982 DF 2972 GR P LSE NO API 33-011- 00183-00
 105 SPUD 04/05/1974 COMP 07/16/1974 ROTARY OIL
 107 DTD 9215 PB 9164 FM/TO 203RDRV
 20102 203RDRV PERF JET W/ 1/FT 8958- 9132 GROSS 010
 40101 DST 01 6220- 6240 419MMLS 6230 002
 40131 30M IFF 2556 FFP 2632 BHT 182F
 40201 DST 02 8920- 8976 203RDRV MISRUM 003
 40301 DST 2A 8920- 8976 203RDRV 8948 S004
 40331 FINAL OP 1445M IFF 166 FFP 216 BHT 220F
 40401 DST 03 9072- 9124 203RDRV 9098 S005
 40410 GAS TS IN 5M NOT GAUGED
 40431 FINAL OP 1430M IFF 115 FFP 242 BHT 222F
 40501 DST 04 9126- 9150 203RDRV 9138 S006
 40510 GAS TS IN 20M NOT GAUGED
 40531 FINAL OP 1430M IFF 115 FFP 178 BHT 222F
 40601 DST 05 STRD 8438- 8500 259SLRN MISRUM 007
 50102 203RDRV PERF JET W/ 1/FT 8958- 9132 GROSS 009

10
 40.1 °C/hm
 35.6
 35.5
 35.3

30 S 24 E
 30 S 24 E
 30 S 24 E

33 N 129 W 104 8 10002 0460052510370591 0460055910370459
 10010 011 00147273 37500 8560511 110203RDRV 203RDRV 9529569
 10021 TWP N 129 RGE W 104 SEC 8 055TH-PRINCIPAL
 101 NDAK (BOLMAN) A 950 FSL 1100 FEL NW SE SW WO
 102 SUPERIOR OIL 1 HORECEK
 103 3252 KB 3240 GR HOUSE CREEK
 104 3254 DF 3244 GR P API 33-011- 00147 00
 105 SPUD 04/04/1969 COMP 05/24/1969 ROTARY OIL
 107 DTD 9522 LTD 9529 FM/TO 203RDRV
 20102 203RDRV PERF W/ 2/FT 9360- 9390 GROSS 004
 40101 DST 01 9215- 9251 203RDRV S002
 40131 FINAL OP 1430M IFF 63 FFP 268 BHT 208F
 40201 DST 02 9311- 9448 203RDRV 9380 S003
 40231 FINAL OP 1430M IFF 284 FFP 1938 BHT 224F

11
 0
 0

30 S 24 E

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GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 104 33 10002 0459489410368681 0459468710368429
 10010 011 00226273 37500 666561 110203RDRV 203RDRV 9200J76
 10021 TWP N 129 RGE W 104 SEC 33 055TH-PRINCIPAL
 101 NDAK (BOLMAN) A 1320 FSL 1470 FEL W2 SE D DO
 102 PETROLEUM INC 1 ARITHSON C
 103 3053 KB 3039 GR HORSE CREEK
 104 3049 DF 3039 GR P LSE NO API 33-011- 00226-00
 105 SPUD 08/06/1976 COMP 10/21/1976 ROTARY OIL
 107 DTD 9200 LTD 9195 FM/TO 203RDRV
 20102 203RDRV PERF W/ 9072- 9092 GROSS 009
 20141 9200FT BHT 199F
 40101 DST 01 8902- 8964 203RDRV S002
 40110 GAS TS IN 1423M 3 FT FLARE
 40131 FINAL OP 24M IFF 133 FFP 632 BHT 228F
 40201 DST 02 8955- 9042 203RDRV 003
 40231 FINAL OP 1430M IFF 134 BHT 218F
 40301 DST 03 9060- 9118 203RDRV REVOUTS004
 40310 GAS TS IN 0427M 6 FT FLARE
 40331 FINAL OP 24M IFF 707 FFP 2697 BHT 234F
 40401 DST 04 STRD 8955- 8980 203RDRV 005

30 S 24 E
 30 S 24 E
 30 S 24 E

33 N 129 W 104 33 10032 0459489410368681 0459468710368429
 10010 011 00226273 37500 666561 110203RDRV 203RDRV 9200J76
 10C21 TWP N 129 RGE W 104 SEC 33 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 1320 FSL 1470 FEL W2 SE D DO 12
 102 PETROLEUM INC 1 ARITHSON C
 103 3053 KB 3039 GR HORSE CREEK
 104 3049 OF 3039 GR P LSE NO API 33-011- 00226-00
 105 SPUD 08/06/1976 COMP 10/21/1976 ROTARY OIL
 107 DTD 9200 LTD 9195 FM/TO 203RDRV
 20102 203RDRV PERF 9072- 9092 GROSS 009
 20141 9200FT BHT 199F
 40101 DST 01 8902- 8964 203RDRV 8933 S002
 40110 GAS TS IN 1H23M 3 FT FLARE
 40131 FINAL OP 2H IFF 133 FFP 632 BHT 228F 37.3°C/hm
 40201 DST 02 8985- 9042 203RDRV 9013 002
 40231 FINAL OP 1H IFF 59 FFP 134 BHT 218F 35.0
 40301 DST 03 9060- 9118 203RDRV 9089 REVOUTS004
 40310 GAS TS IN 0H27M 6 FT FLARE
 40331 FINAL OP 2H IFF 707 FFP 2697 BHT 234F 37.9
 40401 DST 04 STRD 8955- 8980 203RDRV 005
 40431 FINAL OP 2H IFF 184 FFP 804 BHT 190F
 40501 DST 05 9135- 9195 203RDRV 006
 40531 FINAL OP 2H IFF 1057 FFP 3611 BHT 215F
 50102 203RDRV PERF 9072- 9092 GROSS 008

30 S 24 E 2

30 S 24 E 3

30 S 24 E 3

33 N 129 W 104 34 10002 0459479710367360 0459463010367255
 10010 011 00199273 99999 6665051 110203RDRV 203RDRV 9200377
 10021 TWP N 129 RGE W 104 SEC 34 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 900 FSL 1740 FSL NW SE SW WE WFD 13
 102 PETROLEUM INC ETAL 1 ARITHSON
 103 3052 KB 3041 GR UNNAMED
 104 3060 OF 3050 P API 33 011 00199 00
 105 SPUD 08/21/1975 COMP 10/05/1975 ROTARY OIL
 107 DTD 9200 PB 9158 FM/TO 203RDRV
 20102 203RDRV PERF W/ 2/FT 9092- 9106 009
 40101 DST 01 7354- 7382 352MSNC 002
 40102 OVERLAPS 354RCLF
 40131 FINAL OP 2H IFF 293 FFP 970 BHT 170F
 40201 DST 02 8946- 8976 203RDRV 8961 S003
 40231 FINAL OP 2H50M IFF 421 FFP 661 BHT 228F 37.2°C/hm
 40301 DST 03 8990- 9056 203RDRV 9023 S004
 40331 FINAL OP 3H IFF 326 FFP 565 BHT 220F 35.4
 40401 DST 04 9076- 9120 203RDRV 9098 S005
 40410 GAS TS IN 1H18M 38.7
 40431 FINAL OP 2H IFF 528 FFP 2119 BHT 238F
 50102 203RDRV PERF W/ 2/FT 9092- 9106 007
 50202 203RDRV PERF W/ 2/FT 9092- 9106 008

30 S 24 E 3

33 N 129 W 104 34 10002 0459562010367412 0459545310367244
 10010 011 00228273 39000 6665060 911203RDRV 9205177
 10021 TWP N 129 RGE W 104 SEC 34 055TH PRINCIPAL

30 S 25 E 24

33 N 129 W 104 34 101 NDAK BOWMAN A 900 FSL 1670 FSL SW NE NW D D
 102 PETROLEUM INC 1 ARITHSON-D
 103 3039 KB 3025 GR HORSE CREEK
 104 3035 OF 3025 GR P LSE NO API 33-011- 00228-00
 105 SPUD 09/06/1976 COMP 10/04/1976 ROTARY O&A-06
 107 DTD 9205 LTD 9203 FM/TO 203RDRV
 40101 DST 01 8940- 8996 203RDRV S002
 40110 GAS 1H
 40131 FINAL OP 2H IFF 108 FFP 283 BHT 225F
 40201 DST 02 9090- 9120 203RDRV 003
 40231 FINAL OP 2H IFF 46 FFP 83 BHT 224F
 40301 DST 03 STRD 9100- 9145 203RDRV S004
 40331 FINAL OP 2H IFF 233 FFP 682 BHT 230F

30 S 25 E 24

33 N 129 W 105 13 10002 0459916210375791 0459900510375799
 10010 011 00237273 39000 2342961 110203RDRV 203RDRV 9272877
 10021 TWP N 129 RGE W 105 SEC 17 055TH PRINCIPAL

30 S 25 E 24

E GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 104 34 101 NDAK (BOWMAN) A 900 FNL 1670 FWL (SH NE NW D) D 14
 102 PETROLEUM INC 1 ARITHSON DE
 103 3039 KB 3025 GR HORSE CREEK
 104 3035 DF 3025 GR P LSE NO API 33-011- 00228-00
 105 SPUD 09/08/1976 COMP 10/04/1976 ROTARY D&A-06
 107 DTD 9205 LTD 9203 FM/TD 203RDRV
 40101 DST 01 8940- 8996 203RDRV S002
 40110 GAS 1H 8968
 40131 FINAL OP 2H IFF 108 FFP 283 BHT 225F 36.6 °C/1m
 40201 DST 02 9090- 9120 203RDRV 9105 003
 40231 FINAL OP 2H IFF 46 FFP 83 BHT 224F
 40301 DST C3 STRO 9100- 9145 203RDRV 9122 S004 35.8
 40331 FINAL OP 2H IFF 233 FFP 682 BHT 230F 37.0

33 N 129 W 105 13 10002 0459916210375791 0459900810375799
 10010 011 00232273 39000 2342961 110203RDRV 203RDRV 9272K77
 10021 TWP N 129 RGE W 105 SEC 13 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 1090 FSL 1150 FWL (NE SW S30) D0 15
 102 DEPCO INC 14-13 CONTRUST
 103 3149 KB 3135 GR HORSE CREEK
 104 API 33 011 00237 00
 105 SPUD 07/08/1977 COMP 10/13/1977 ROTARY OIL
 107 DTD 9272 FM/TD 203RDRV
 20102 203RDRV PERF JET W/ 4/FT 9104- 9142 GROSS 010
 20141 9272FT BHT 183F 0
 40101 DST 01 8922- 9015 203RDRV MISRUN 002
 40201 DST 02 8922- 9015 203RDRV S003
 40231 FINAL OP 0430M IFF 328 FFP 366
 40301 DST 03 9015- 9095 203RDRV S004
 40331 FINAL OP 0430M IFF 341 FFP 415
 40401 DST 04 9095- 9170 203RDRV MISRUNS005
 40431 FINAL OP 0430M
 40501 DST 05 9097- 9170 203RDRV S006
 40510 GAS TS IN 46M /NO GAUGE/
 40531 FINAL OP 0430M IFF 428 FFP 601
 50102 203RDRV PERF JET W/ 4/FT 9104- 9142 GROSS 008
 50202 203RDRV PERF JET W/ 4/FT 9104- 9142 GROSS 009

33 N 129 W 106 9 10002 0460160710394712 0460157810394745
 10010 011 00236273 51250 3711061 110203RDRV 203RDRV 8255077
 10021 TWP N 129 RGE W 106 SEC 9 055TH PRINCIPAL
 101 NDAK (BOWMAN) A 660 FNL 660 FWL (NW NW) D0 16
 102 HOUSTON OIL & MINERALS 11-9 JOHNSON
 103 2872 KB 2863 GR LITTLE MISSOURI
 104 2873 DF 2863 GR P LSE NO API 33-011- 00276-00
 105 SPUD 05/28/1977 COMP 08/31/1977 ROTARY OIL
 107 DTD 8255 PB 8200 FM/TD 203RDRV
 20102 203RDRV PERF JET W/ 4/FT 8137- 8148 008
 40101 DST 01 6750- 6773 S003 0
 40131 IFF 387 FFP 1344 BHT 172F
 40201 DST 02 8110- 8155 203RDRV S004

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 129 W 106 9 40231 IFF 102 FFP 291 BHT 186F
 40301 DST 03 8155- 8218 203RDRV S005
 40331 IFF 61 FFP 200 BHT 187F
 50102 203RDRV PERF W/ 4/FT 8137- 8148 007

33 N 130 W 91 7 10002 0460959910211600 0460932810211372
 10010 011 00006273 2590250 911109PCMB 9554178
 10021 TWP N 130 RGE W 91 SEC 7 055TH PRINCIPAL
 101 NDAK ADAMS A 2450 FNL 2150 FWL NE NE SW WF
 102 ENERGETICS INC 23-7 SOLBERG
 103 2452 KB 2440 GP WILDCAT
 104 2452 DF 2440 GR P LSE NO API 33-001- 00006-00
 105 SPUD 11/20/1977 COMP 01/09/1978 ROTARY D&A-06
 107 DTD 9584 FM/TD 109PCMB
 40101 DST 01 6220- 6310 353BBY 002
 40131 FINAL OP 1H IFF 286 FFP 255 BHT 150F
 40201 DST 02 8301- 8324 203RDRV 003
 40231 FINAL OP 1H IFF 541 FFP 1471 BHT 188F

GEOHERMAL LISTING

SUB FILE GEOHERMAL LISTING

33 N 129 W 106 9 40231 IFP 102 FFP 291 BHT 186F
 40301 DST 03 8155- 8218 203RDRV 5005
 40331 IFP 61 FFP 200 BHT 187F
 50102 203RDRV PERF W/ 4/FT 8137- 8148 007

0
0

30 S 25 E 2
30 S 25 E 2

33 N 130 W 91 7 10002 0460959510211600 0460932810211372
 10010 001 00006273 2590250 911109PCMB 9584178
 10021 TWP N 130 RGE W 91 SEC 7 055TH PRINCIPAL
 101 NDAK ~~(ADAMS)~~ A 2450 FSL 2150 FWL ~~(NE NE SW) WF~~
 102 EMERGETTS INC 23-7 SOLBERG
 103 2452 KB 2440 GR WILDCAT
 104 2452 DF 2440 GR P LSE NO API 33-001- 00006-00
 105 SPUD 11/20/1977 COMP 01/09/1978 ROTARY D&A-06
 107 DTD 9584 FM/TD 109PCMB
 40101 DST 01 6220- 6310 353K8BY 002
 40131 FINAL OP 1H IFP 286 FFP 255 BHT 150F
 40201 DST 02 8301- 8324 203RDRV 003
 40231 FINAL OP 1H IFP 541 FFP 1431 BHT 185F
 40301 DST 03 8379- 8416 203RDRV 5004
 40331 FINAL OP 1H IFP 846 FFP 808 BHT 170F

17
0
0
0

33 N 130 W 100 5 10002 0461060610321603 0461059510321593
 10010 011 00156273 9999950 911203RDRV 10075870
 10021 TWP N 130 RGE W 100 SEC 5 055TH PRINCIPAL
 101 NDAK ~~(BOWMAN)~~ A 660 FSL 1979 FWL ~~(SE SW) WF~~
 102 PEL-TEX INC 1 LANDA
 103 2944 KB 2932 GR WILDCAT
 104 2947 DF 2936 GR P LSE NO API 33-011- 00156-00
 105 SPUD 06/22/1970 COMP 07/27/1970 ROTARY D&A-06
 107 DTD 10068 LTD 10075 FM/TD 203RDRV
 40101 DST 01 7635- 7670 353CRLS 7652 002
 40131 FINAL OP 1H30M IFP 187 FFP 466 BHT 202F
 40201 DST 02 9800- 9900 203RDRV CUSH 1770 HTR 5003
 40231 FINAL OP 1H30M IFP 862 FFP 979 BHT 218F
 40301 DST 03 9950-10068 203RDRV CUSH 1938 HTR 004
 40331 FINAL OP 1H10M IFP 890 FFP 890

18
37.4 cc/Ann
0

30 S 25 E 3

33 N 130 W 102 15 10002 0460777410342797 0460760310342575
 10010 011 00221273 1290010439860 91203RDRV 9730077
 10021 TWP N 130 RGE W 102 SEC 15 055TH PRINCIPAL
 101 NDAK ~~(BOWMAN)~~ A 810 FSL 810 FWL ~~(NE SW) D D~~
 102 HUNT ENERGY 1 MANK-FLB
 103 2915 KB 2902 GR COLD TURKEY CREEK
 104 API 33 011 00231 00
 105 SPUD 03/05/1977 COMP 04/10/1977 ROTARY D&A-06
 107 DTD 9730 FM/TD 203RDRV
 40101 DST 01 9294- 9343 259SLRN 002
 40102 OVERLAPS 203SHMN
 40131 FINAL OP 1H30M IFP 215 FFP 516 BHT 210F
 40201 DST 02 9430- 9489 203RDRV 5003
 40231 FINAL OP 1H30M IFP 344 FFP 688 BHT 220F

19
0
0

GEOHERMAL LISTING

SUB FILE GEOHERMAL LISTING

33 N 130 W 102 15 40301 DST 03 9527- 9596 203RDRV 004
 40331 FINAL OP 1H IFP 172 FFP 344 BHT 225F

30 S 25 E 3

33 N 130 W 102 16 10002 0460873110344260 0460855710344066
 10010 011 00220273 12900 5025014 110203RDRV 203RDRV 9828377
 10021 TWP N 130 RGE W 102 SEC 16 055TH PRINCIPAL
 101 NDAK BOWMAN A 800 FSL 2580 FWL SE NE NW HQ 00
 102 LUFF KENNETH D 1-16 RAINBOW-STATE
 103 2919 KB 2907 GR COLD TURKEY CRK
 104 API 33 011 00220 00
 105 SPUD 05/15/1976 COMP 07/13/1976 ROTARY OIL
 107 DTD 9828 PB 9795 FM/TD 203RDRV
 20102 203RDRV PERF W/ 1/17 9488- 9690 GROSS 006
 20150 HTR
 40101 DST 01 9446- 9518 203RDRV REVCUTS002
 40110 GAS TS IN 07M AT /NO GAUGE/
 40111 GAS TS IN 10M AT 23 MCFD /22.9/
 40112 GAS TS IN 50M AT 27 MCFD
 40113 GAS TS IN 1H AT 23 MCFD /22.9/
 40114 GAS TS IN 1H AT 23 MCFD /20.8/

33 N 130 W 102 15 40301 DST 03 9527- 9596 203RDRV 004
 40331 FINAL OP 1H 1FP 172 FFP 344 BHT 225F 0

33 N 130 W 102 16 10002 0460873110344260 0460855710344066
 10010 011 00220273 12900 5025011 110203RDRV 203RDRV 9828377
 10021 TWP N 130 RGE W 102 SEC 16 055TH-PRINCIPAL
 101 NDAK BOWMAN A 800 FNL 2580 FNL SE NE NW NO DO 20
 102 LUFF KENNETH D 1-16 RAINBOW STATE
 103 2919 KB 2907 GR COLD TURKEY CRK
 104 API 33 011 00220 00

105 SPUD 05/15/1976 COMP 07/13/1976 ROTARY OIL
 107 DTD 9828 PB 9795 FM/TO 203RDRV
 20102 203RDRV PERF W/ 1/FT 9488- 9690 GROSS 006
 20150 WTR

40101 DST 01 9446- 9518 203RDRV REVOUITS002
 40110 GAS TS IN 07M /NO GAUGE/
 40111 GAS TS IN 10M AT 23 MCFD /22.9/
 40112 GAS TS IN 50M AT 27 MCFD
 40113 GAS TS IN 1H AT 23 MCFD /22.9/
 40114 GAS TS IN 1H10M AT 31 MCFD /30.8/
 40115 GAS TS IN 1H40M AT 29 MCFD 9482
 40116 GAS TS IN 1H50M AT 27 MCFD
 40117 GAS TS IN 2H AT 23 MCFD /22.9/
 40131 FINAL OP 1H30M 1FP 889 FFP 2069 BHT 234F
 40201 DST 02 9524- 9606 203RDRV 9565 REVOUITS003
 40231 FINAL OP 1H30M 1FP 318 FFP 352 BHT 235F
 40301 DST 03 9606- 9724 203RDRV REVOUITS004
 40310 GAS TS IN 15M AT 2 MCFD /2.17/
 40311 GAS TS IN 30M AT 9 MCFD /8.95/
 40312 GAS TS IN 1H AT 21 MCFD /20.70/
 40313 GAS TS IN 1H30M AT 42 MCFD /42.40/9665
 40314 GAS TS IN 2H AT 47 MCFD /47.10/
 40331 FINAL OP 1H30M 1FP 2020 FFP 2903 BHT 236F 36.0

36.3 °C/hr

36.2

36.0

30 S 25 E 36

30 S 25 E 37

30 S 25 E 37

33 N 130 W 102 22 10002 0460615010342249 0460598710342081
 10010 011 00195 12900 5025051 110203RDRV 203RDRV 9900775
 10021 TWP N 130 RGE W 102 SEC 22 055TH-PRINCIPAL
 101 NDAK BOWMAN A 500 FSL 1990 FNL SE SE SW NW WFD 21
 102 LUFF KENNETH ETAL 1-22 FARIS
 103 2888 KB COLD TURKEY CREEK
 104 2884 DF 2874 GR P LSE NO API 33-011- 00195-00
 105 SPUD 02/27/1975 COMP 05/13/1975 ROTARY OIL
 107 DTD 9800 LTD 9790 PB 9630 FM/TO 203RDRV
 20102 203RDRV PERF JET W/ 2/FT 9333- 9523 GROSS 006
 20150 WTR

40101 DST 01 9296- 9366 203RDRV S002
 40110 GAS TS IN 0H10M AT 31 MCFD /30.8 MCF/
 40131 FINAL OP 1H30M 1FP 181 FFP 329 BHT 210F
 40201 DST 02 9390- 9450 203RDRV S003
 40210 GAS TS IN 22M AT 31 MCFD /30.8 MCFD/
 40211 GAS TS IN 30M AT 16 MCFD /15.7 MCFD/ 16/64 CK

33 N 130 W 102 22 40212 GAS TS IN 45M AT 19 MCFD /18.5 MCFD/ 16/64 CK
 40213 GAS TS IN 1H AT 23 MCFD 16/64 CK
 40214 GAS TS IN 1H15M AT 27 MCFD 16/64 CK
 40215 GAS TS IN 1H45M AT 30 MCFD 16/64 CK
 40216 GAS TS IN 2H AT 31 MCFD 16/64 CK
 40231 FINAL OP 2H 1FP 163 FFP 326 BHT 218F
 40301 DST 03 9466- 9540 203RDRV S004
 40310 GAS TS IN 12M
 40311 GAS TS IN 30M AT 23 MCFD
 40312 GAS TS IN 45M AT 27 MCFD
 40313 GAS TS IN 1H 0M AT 29 MCFD
 40314 GAS TS IN 1H15M AT 31 MCFD
 40315 GAS TS IN 1H30M AT 42 MCFD
 40316 GAS TS IN 1H45M AT 52 MCFD
 40317 GAS TS IN 2H 0M AT 53 MCFD
 40331 FINAL OP 2H 1FP 163 FFP 424 BHT 219F

30 S 25 E 37

30 S 25 E 37

33 N 130 W 102 24 10002 046071010338755 0460695810338573
 10010 011 00223273 12900 5025051 110203RDRV 203RDRV 9715377
 10021 TWP N 130 RGE W 102 SEC 24 066TH PRINCIPAL
 101 NDAK BOWMAN A 1300 FNL 700 FNL SE NE NW DE WFD

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 102 22 40212 GAS TS IN 45M AT 19 MCFD /18.5 MCFD/ 16/64 CK
 40213 GAS TS IN 1H AT 23 MCFD 16/64 CK
 40214 GAS TS IN 1H15M AT 27 MCFD 16/64 CK
 40215 GAS TS IN 1H45M AT 30 MCFD 16/64 CK
 40216 GAS TS IN 2H AT 31 MCFD 16/64 CK
 40231 FINAL OP 2H IFP 163 FFP 326 BHT 218F
 40301 DST O3 9466- 9540 203RDRV S004
 40310 GAS TS IN 12M
 40311 GAS TS IN 30M AT 23 MCFD
 40312 GAS TS IN 45M AT 27 MCFD
 40313 GAS TS IN 1H 0M AT 29 MCFD
 40314 GAS TS IN 1H15M AT 31 MCFD
 40315 GAS TS IN 1H30M AT 42 MCFD
 40316 GAS TS IN 1H45M AT 52 MCFD
 40317 GAS TS IN 2H 0M AT 53 MCFD
 40331 FINAL OP 2H IFP 163 FFP 424 BHT 219F

33 N 130 W 102 24 10002 0460714010338755 0460695810338573
 10010 011 00223273 12900 5025051 110203RDRV 203RDRV 9715377
 10021 TWP N 130 RGE W 102 SEC 24 066TH PRINCIPAL
 101 NDAC BOWMAN A 1300 FNL 700 FWL SE NW NE WF WFD 22
 102 LUFF KENNETH D 1-24 F PHILSON
 103 2921 KB 2909 GR COLD TURKEY CREEK
 104 API 33 011 00223 00
 105 SPUD 06/18/1976 COMP 08/05/1976 ROTARY OIL
 107 DTD 9715 PB 9658 FM/TO 203RDRV
 20102 203RDRV PERF 9481- 9488 006
 20150 HTR
 40101 DST O1 9435- 9503 203RDRV REVOUTS002
 40110 GAS TS IN 18M MCFD /NO GAUGE/
 40111 GAS TS IN 05M AT 9 MCFD /8.95/
 40112 GAS TS IN 20M AT 25 MCFD
 40113 GAS TS IN 1H AT 29 MCFD
 40114 GAS TS IN 1H20M AT 22 MCFD /21.8/
 40115 GAS TS IN 1H40M AT 16 MCFD /15.7/
 40116 GAS TS IN 2H AT 9 MCFD /8.95/ 9469
 40131 FINAL OP 1H30M IFP 286 FFP 524 BHT 225F
 40201 DST O2 9527- 9597 203RDRV REVOUTS003
 40231 FINAL OP 1H30M IFP 328 FFP 397 BHT 225F
 40301 DST O3 9606- 9697 203RDRV REVOUTS004
 40331 FINAL OP 1H30M IFP 127 FFP 159 BHT 220F

33 N 130 W 102 29 10002 0460494110347163 0460492610347039
 10010 011 00189273 2342950 900203RDRV 9795074
 10021 TWP N 130 RGE W 102 SEC 29 055TH PRINCIPAL
 101 NDAC BOWMAN A 820 FSL 500 FWL NW SW NE WF WF 23
 102 DEPCO INC 14-29 PETERS
 103 2904 GR WILDCAT
 104 2911 OF 2901 GR P LSE NO API 33-011- 00189-00
 105 SPUD 07/19/1974 COMP 08/25/1974 D&A
 107 DTD 9795 FM/TO 203RDRV

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 102 29 40101 DST O1 7905- 7935 002
 40131 FINAL OP 1H IFP 191 FFP 383 BHT 190F
 40201 DST O2 8050- 8103 352MSNC 003
 40231 FINAL OP 1H IFP 1872 FFP 3272

33 N 130 W 102 3 10002 0461131010354270 0461133510354059
 10010 011 00227273 12900 5025051 110203RDRV 203RDRV 9935377
 10021 TWP N 130 RGE W 102 SEC 3 055TH PRINCIPAL
 101 NDAC BOWMAN A 1500 FNL 1900 FWL NE SW NE WF WOE
 102 LUFF KENNETH D 1-3 WESLEY ANDERSON
 103 3030 KB 3017 GR COLD TURKEY CREEK
 104 API 33 011 00227 00
 105 SPUD 08/26/1976 COMP 10/19/1976 ROTARY OIL
 107 DTD 9935 PB 9892 FM/TO 203RDRV
 20102 203RDRV PERF W 2/FT 9648- 9837 GROSS 008
 40101 DST O1 9607- 9675 203RDRV REVOUTS002
 40110 GAS TS IN 116M /NO GAUGE/
 40131 FINAL OP 2H IFP 233 FFP 707 BHT 238F

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 102 29 40101 DST 01 7905- 7935 002
 40131 FINAL OP 1H IFF 191 FFP 383 BHT 190F
 40201 DST 02 8050- 8103 352MSNC 003
 40231 FINAL OP 1H IFF 1872 FFP 3272

33 N 130 W 103 3 10002 0461131010354270 0461133510354059
 10010 011 00227273 12900 5025051 110203RDRV 203RDRV 9935377
 10021 TWP N 130 RGE W 103 SEC 3 055TH PRINCIPAL
 101 NDAK BOWMAN A 1900 FNL 1900 FEL NE SW NE WF WOE
 102 LUFF KENNETH C 1-3 WESLEY ANDERSON
 103 3030 KB 3017 GR COLD TURKEY CREEK
 104 API 33 011 00227 00
 105 SPUD 08/26/1976 COMP 10/19/1976 ROTARY OIL
 107 DTD 9935 PB 9892 FH/TO 203RDRV
 20102 203RDRV PERF W/ 2/FT 9648- 9837 GROSS 008
 40101 DST 01 9607- 9675 203RDRV REVOUTS002
 40110 GAS TS IN 16M /NO GAUGE/ 9641
 40131 FINAL OP 2H IFF 233 FFP 707 BHT 238F
 40201 DST 02 9771- 9829 203RDRV 5003
 40210 GAS TS IN 18M /NO GAUGE/
 40231 FINAL OP 2H IFF 208 FFP 433 BHT 238F
 50102 05
 50202 006
 50302 007

24

36.5 °C / km

33 N 130 W 103 6 10002 0461056110360308 0461058910360048
 10010 011 00235273 56050 6589510 901203RDRV 9800977
 10021 TWP N 130 RGE W 103 SEC 6 055TH PRINCIPAL
 101 NDAK BOWMAN A 660 FSL 1320 FEL S2 SE NW NO
 102 PENN26 LLC 1 MILTON ANDERSON
 103 3109 KB 3095 GR MEDICINE POLE HLS
 104 3105 DF 3095 P API 33 011 00235 00
 105 SPUD 04/30/1977 COMP 05/28/1977 ROTARY O&A-G
 107 DTD 9800 FH/TO 203RDRV
 40101 DST 01 9544- 9600 203RDRV 002
 40102 OVERLAPS 203RDRV 9572
 40131 FINAL OP 1H IFF 681 FFP 804 BHT 231F
 40201 DST 02 9635- 9800 203RDRV 9718 5003
 40231 FINAL OP 1H IFF 1295 FFP 1774 BHT 238F

25

35.4 °C / km

36.2

33 N 130 W 103 24 10002 0460644110349662 0460627010349512
 10010 011 00224273 99999 2342951 11C203RDRV 203RDRV 9760076
 10021 TWP N 130 RGE W 103 SEC 24 066TH PRINCIPAL
 101 NDAK BOWMAN A 1350 FSL 750 FEL SW NE SE WF WFD
 102 DEPCO INC 43-24 PLADSEN COB
 103 2960 KB 2948 GR UNNAMED
 104 API 33 011 00224 00
 105 SPUD 06/26/1976 COMP 09/16/1976 ROTARY OIL
 107 DTD 9760 PB 9704 FH/TO 203RDRV
 20102 203RDRV PERF JET W/ 4/FT 9482- 9488 006
 20141 2 9760FT BHT 204F

26

0

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 103 24 40101 DST 01 9440- 9500 203RDRV MISRUNS002
 40131 FINAL OP 4H FFP 1234
 40201 DST 02 9500- 9600 203RDRV 003
 40231 FINAL OP 0H30M IFF 276 FFP 350
 40301 DST 03 9600- 9700 203RDRV REVOUTS004
 40310 GAS TS IN 40M
 40331 FINAL OP 0H30M IFF 1848 FFP 2708

33 N 130 W 104 2 10002 0461057710365733 0461063510365506
 10010 011 00177273 56050 9999910 91135401TR 9845773
 10021 TWP N 130 RGE W 104 SEC 2 055TH PRINCIPAL
 101 NDAK BOWMAN A 660 FSL 660 FNL C SW SW NW NO
 102 RAINBOW RESOURCES 1-2 OAKLAND-BND
 103 3255 GR MEDICINE POLE HLS
 104 3298 DF 3288 GR P LSE NO API 33-011- 00177-00
 105 SPUD 04/04/1973 COMP 05/08/1973 ROTARY O&A-OG
 107 DTD 9845 FH/TO 35401TR
 40101 DST 01 7898- 7995 35401TR 002
 40131 45M IFF 474 FFP 1617 BHT 102E

GEO THERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 103 24 40101 DST 01 9440- 9500 203RDRV MISRUNS002
 40131 FINAL OP 4H FFP 1234
 40201 DST 02 9500- 9600 203RDRV 003
 40231 FINAL OP OH30M IFF 276 FFP 350
 40301 DST 03 9600- 9700 203RDRV REVOUTS004
 40310 GAS TS IN 40M
 40331 FINAL OP OH30M IFF 1848 FFP 2708

33 N 130 W 104 2 10002 0461057710365733 0461063510365506
 10010 011 00177273 56050 9999910 9113540TTR 9845773
 10021 TWP N 130 RGE W 104 SEC 2 055TH PRINCIPAL
 101 NDAK BOWMAN A 660 FSL 660 FNL SE SW D 10
 102 RAINBOW RESOURCES 1-2 OAKLAND BRD
 103 3255 GR MEDICINE POLE HLS
 104 3298 DF 3288 GR P LSE NO API 33-011- 00177-00
 105 SPUD 04/04/1973 COMP 05/08/1973 ROTARY D&A-0G
 107 DTD 9845 FM/TO 3540TTR
 40101 DST 01 7898- 7998 3540TTR 002
 40131 45M IFF 434 FFP 1013 BHT 192F
 40201 DST 02 8637- 8795 3540TTR 8716 S003
 40231 FINAL OP 2H IFF 98 FFP 195 BHT 217F
 40301 DST 03 8834- 8893 3540TTR 8864 S004
 40331 FINAL OP 1H30M IFF 408 FFP 1142 BHT 218F
 40401 CST 04 9482- 9568 3540TTR S005
 40431 FINAL OP 2H IFF 84 FFP 336 BHT 221F S006
 40501 DST 05 9604- 9650 3540TTR
 40510 GAS TS IN 10M AT 150 MCFD 9627
 40511 GAS TS IN AT 180 MCFD THROUGHOUT TEST
 40531 FINAL OP 1H30M IFF 336 FFP 638 BHT 225F
 40601 DST 06 9706- 9750 3540TTR 007
 40631 FINAL OP OH10M IFF 109 FFP 117
 40701 DST 07 9763- 9790 3540TTR S008
 40731 FINAL OP 1H IFF 230 FFP 493

27
 36.0 °C / km
 35.6

33 N 130 W 104 14 10002 0460859510364416 0460864110364196
 10010 011 00162273 56050 9999951 110203RDRV 203RDRV 9757971
 10021 TWP N 130 RGE W 104 SEC 14 055TH PRINCIPAL
 101 NDAK BOWMAN A 1320 FNL 1320 FEL C NE D0
 102 AMARILLO OIL 1-14 NELSON
 103 3242 KB 3229 GR MEDICINE PLE HILL
 104 3240 DF 3230 GR P API 33-011- 00162 00
 105 SPUD 05/06/1971 COMP 07/14/1971 ROTARY OIL
 107 DTD 9757 FM/TO 203RDRV
 20102 203RDRV PERF W/ 2/FT 9491- 9676 GROSS 005
 40101 DST 01 9482- 9525 203RDRV S002
 40131 FINAL OP 2H IFF 164 FFP 335 BHT 202F
 50102 203RDRV PERF W/ 2/FT 9654- 9676 003
 50202 203RDRV PERF W/ 2/FT 9491- 9620 GROSS 004

28

33 N 130 W 104 14 10002 0460766410365181 0460773210365009
 10010 011 00174273 56030 9999960 911203RDRV 9780773

GEO THERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 104 14 10021 TWP N 130 RGE W 104 SEC 14 055TH PRINCIPAL
 101 NDAK BOWMAN A 660 FSL 1982 FNL SE SW D D
 102 RAINBOW RESOURCES 2-14 FOSSUM
 103 3207 KB 3192 GR MEDICINE POLE HLS
 104 3209 DF 3199 GR P LSE NO API 33-011- 00174-00
 105 SPUD 03/02/1973 COMP 03/31/1973 ROTARY D&A-0G
 107 DTD 9780 FM/TO 203RDRV
 40101 DST 01 9517- 9564 203RDRV S002
 40131 FINAL OP 1H30M IFF 235 FFP 586 BHT 195F
 40201 DST 02 9582- 9645 203RDRV S003
 40231 FINAL OP 2H BHT 198F

33 N 130 W 104 15 10002 0460875610366244 0460883510366007
 10010 011 00069273 56030 9999951 110203RDRV 203RDRV 9735767
 10021 TWP N 130 RGE W 104 SEC 15 055TH PRINCIPAL
 101 NDAK BOWMAN A 660 FNL 661 FEL NE NE W/ WFO
 102 HODGES A J INDUSTRIES 1 HESTEKIN
 103 3130 DF WILDCAT
 104 3181 DF 3172 GR P API 33-011- 00069 00

FILE GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 104 14 10021 TWP N 130 RGE W 104 SEC 14 055TH PRINCIPAL
 101 NDAK BOWMAN A 360 FSL 1982 FNL SE SW D
 102 RAINBOW RESOURCES 2-14 FOSSUM
 103 3207 KB 3197 GR MEDICINE POLE HLS
 104 3209 OF 3199 GR P LSE NO API 33-011- 00174-00
 105 SPUD 03/02/1973 COMP 03/31/1973 ROTARY D&A-OG
 107 DTD 9780 FM/TO 203RDRV
 40101 DST 01 9517- 9564 203RDRV S002
 40131 FINAL OP 1H30M IFF 235 FFP 586 BMT 195F
 40201 DST 02 9582- 9645 203RDRV S003
 40231 FINAL OP 2H BMT 198F

29

0

0

33 N 130 W 104 15 10002 0460875610366244 0460883510366007
 10010 011 00669273 9999951 110203RDRV 203RDRV 9735767
 10021 TWP N 130 RGE W 104 SEC 15 055TH PRINCIPAL
 101 NDAK BOWMAN A 660 FNL 661 FEL NE NE 1/4 W/4
 102 HODGES A J INDUSTRIES 1 HESTEKIN
 103 3130 OF WILDCAT
 104 3181 OF 3172 GR P API 33-011- 00069 00
 105 SPUD 09/03/1966 COMP 07/17/1967 ROTARY OIL
 107 DTD 9735 LTD 9725 PB 9664 FM/TO 203RDRV
 20102 203RDRV PERF JET W/ 4/FT 9503- 9505 017
 40101 DST 01 6818- 6865 419MNS 6542 002
 40131 40M IFF 55 FFP 94 BMT 196F
 40201 DST 02 7385- 7442 351MDSN 003
 40231 FINAL OP 1H30M IFF 78 FFP 90
 40301 DST 03 9490- 9510 203RDRV CUSH 1822 WTR S005
 40310 GAS TS IN 1H45M
 40331 FINAL OP 3H15M IFF 854 FFP 966
 40401 DST 04 9639- 9659 203RDRV CUSH 1500 WTR S006
 40431 FINAL OP 3H54M IFF 874 FFP 891 BMT 224F
 50102 203RDRV PERF JET W/ 4/FT 9503- 9505 009
 50202 203RDRV PERF JET W/ 4/FT 9503- 9505 010
 50302 203RDRV PERF JET W/ 4/FT 9503- 9505 011
 50402 203RDRV PERF JET W/ 4/FT 9503- 9505 012
 50502 203RDRV PERF JET W/ 4/FT 9503- 9505 013
 50602 203RDRV PERF JET W/ 4/FT 9503- 9505 014
 50702 203RDRV PERF JET W/ 4/FT 9503- 9505 015
 50802 203RDRV PERF JET W/ 4/FT 9503- 9505 016

30

42.1 °C/hm

33 N 130 W 104 15 10002 0460804810367499 0460809410367330
 10010 011 00138273 3593011 110203RDRV 203RDRV 9674469
 10021 TWP N 130 RGE W 104 SEC 15 055TH PRINCIPAL
 101 NDAK BOWMAN A 1980 FSL 1380 FNL NE SW 1/4 W/4
 102 HODGES A J INDUSTRIES 1-X SUSAG-HYCKURT
 103 3142 KB 3133 GR MEDICINE POLE
 104 3142 ES 3133 GR P API 33-011- 00138 00
 105 SPUD 11/28/1968 COMP 03/21/1969 ROTARY OIL
 107 DTD 9674 FM/TO 203RDRV
 20102 203RDRV PERF W/ 4/FT 9381- 9481 GROSS 007
 40101 DST 01 9420- 9618 203RDRV REVOUTS002

31

FILE GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 104 15 40110 GAS TS IN 35M
 40131 FINAL OP 12H IFF 306 FFP 2168 BMT 180F
 50102 203RDRV PERF W/ 4/FT 9454- 9481 GROSS 004
 50202 203RDRV PERF W/ 4/FT 9381- 9392 005
 50302 203RDRV PERF W/ 4/FT 9381- 9481 GROSS 006

33 N 130 W 104 15 10002 0460832110366719 0460835410366537
 10010 011 00125273 56050 9999960 900203RDRV 9646J74
 10021 TWP N 130 RGE W 104 SEC 15 055TH PRINCIPAL
 101 NDAK BOWMAN A 2020 FNL 1960 FEL S2 SW NE D D
 102 RAINBOW RESOURCES 2-A HESTEKIN
 103 3145 KB 3129 GR MEDICINE POLE HLS
 104 3145 ES 3129 GR P API 33-011- 00185 00
 105 SPUD 04/12/1974 COMP 08/21/1974 ROTARY D&A
 107 DTD 9646 FM/TO 203RDRV
 40101 DST 01 9393- 9463 203RDRV S002
 40131 IFF 252 FFP 302 BMT 208F
 40201 DST 02 9496- 9535 203RDRV S003

06/08/78

30 S 26 E

30 S 26 E

30 S 26 E

30 S 26 E

06/08/78

30 S 26 E

30 S 26 E

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 104 15 40110 GAS TS IN 35M
 40131 FINAL OP 12H IFF 306 FFP 2168 BHT 180F
 50102 203RDRV PERF W/ 4/FT 9454- 9481 GROSS 004
 50202 203RDRV PERF W/ 4/FT 9381- 9392 005
 50302 203RDRV PERF W/ 4/FT 9381- 9481 GROSS 006

33 N 130 W 104 1E 10002 0460832110366719 0460835410366537
 10010 011 00185273 56050 9999960 900203RDRV 9646J74
 10021 TWP N 130 RGE W 104 SEC 15 055TH PRINCIPAL
 101 NDARX BOWMAN A 2020 FNL 1980 FEL 52 SW NE D
 102 RAINBOW RESOURCES 2-A HESTERTIN
 103 3145 KB 3129 GR MEDICINE POLE HLS
 104 API 33 011 00185 00
 105 SPUD 04/12/1974 COMP 05/21/1974 ROTARY DBA
 107 DTD 9646 FM/TO 203RDRV
 40101 DST 01 9393- 9463 203RDRV S002
 40131 IFF 252 FFP 302 BHT 208F
 40201 DST 02 9496- 9535 203RDRV S003
 40231 FINAL OP 1H30M IFF 179 FFP 188

33 N 130 W 104 24 10002 0460686010363345 0460692710363171
 10010 011 00154273 56050 106011 110203RDRV 203RDRV 9735470
 10021 TWP N 130 RGE W 104 SEC 24 055TH PRINCIPAL
 101 NDARX BOWMAN A 2310 FNL 1320 FNL 52 NW NW
 102 AMARILLO OIL ETAL 1-24 ALBERT FOSSUM
 103 3137 KB 3124 GR MEDICINE POLE
 104 3142 DF 3132 GR P LSE NO API 33-011- 00154-00
 105 SPUD 01/09/1970 COMP 03/21/1970 ROTARY OIL
 107 DTD 9735 FM/TO 203RDRV
 20102 203RDRV PERF 7464- 7515 351MGN 9387- 9591 GROSS 012
 40101 DST 01 7490 S002
 40131 FINAL OP 1H IFF 75 FFP 478 BHT 197F
 40201 DST 02 9335- 9421 203RDRV REVOUTS003
 40210 GAS TS IN OH 8M PREFLOW-NO GAUGE
 40211 GAS TS IN REOPEN-NO GAUGE
 40231 FINAL OP 1H30M IFF 748 FFP 1333
 40301 DST 03 9470- 9512 203RDRV 9491 S004
 40310 GAS TS IN OH15M PREOPEN-NO GAUGE
 40331 FINAL OP 1H30M IFF 658 FFP 913 BHT 232F
 40401 DST 04 9524- 9602 203RDRV MISRUN 005
 40501 DST 05 9520- 9612 203RDRV 9566 S006
 40510 GAS TS IN OH38M
 40531 FINAL OP 1H30M IFF 197 FFP 232 BHT 234F
 50102 203RDRV PERF 9387- 9427 GROSS 007
 50202 203RDRV PERF 9465- 9512 GROSS 008
 50302 203RDRV PERF 9552- 9591 GROSS 009
 50402 203RDRV PERF 9552- 9591 GROSS 010
 50502 203RDRV PERF 9552- 9591 GROSS 011

33 N 130 W 104 24 10002 0460712610362381 0460720110362219
 10010 011 00157273 56050 106061 110203RDRV 203RDRV 9750K70

0

32

0

33

37.0 °C/hr

35.9

36.0

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

33 N 130 W 104 24 10021 TWP N 130 RGE W 104 SEC 24 055TH PRINCIPAL
 101 NDARX BOWMAN A 1300 FNL 1480 FEL SE NW NE D DO
 102 AMARILLO OIL 1-24 FOSSUM
 103 3142 KB 3132 GR MEDICINE POLE
 104 3172 DF 3162 GR P LSE NO API 33-011- 00157-00
 105 SPUD 07/22/1970 COMP 09/11/1970 POTARY OIL
 107 DTU 9750 FM/TO 203RDRV
 20102 203RDRV PERF W/ 2/FT 9430- 9620 GROSS C17
 40101 DST 01 9426- 9475 203RDRV S002
 40110 GAS TS IN OH55M
 40131 FINAL OP 1H IFF 761 FFP 925 BHT 232F
 40201 DST 02 9504- 9602 203RDRV S009
 40210 GAS TS IN OH 9M
 40231 FINAL OP 1H30M BHT 234F
 40301 DST 03 9584- 9657 203RDRV S012
 40310 GAS TS IN OH46M
 40331 FINAL OP 1H30M IFF 419 FFP 688
 50102 203RDRV PERF W/ 2/FT 9591- 9620 GROSS 014
 50202 203RDRV PERF W/ 2/FT 9430- 9458 GROSS 015
 50302 203RDRV PERF W/ 2/FT 9506- 9558 GROSS 016

M 3

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 130 W 104 24 10021 TWP N 130 RGE W 104 SEC 24 055TH-PRINCIPAL
 101 NDAR-BOWMAN A 1300 FNL 1480 FEL (SE NW NE) D DO 34
 102 AMARILLO OIL 1-24 FOSSUM
 103 3142 KB 3132 GR MEDICINE POLE
 104 3172 DF 3162 GR P LSE NO API 33-011- 00157-00
 105 SPUD 07/22/1970 COMP 09/11/1970 POTARY OIL
 107 DTG 9750 FM/TO 203RDRV
 20102 203RDRV PERF W/ 2/FT 9430- 9620 GROSS C17
 40101 DST 01 9426- 9475 203RDRV SOU2
 40110 GAS TS IN 0455M 9480
 40131 FINAL OP 1H IFF 761 FFP 925 BHT 232F
 40201 DST 02 9504- 9562 203RDRV 5009 36.1 °C / km
 40210 GAS TS IN 04 9M 9534
 40231 FINAL OP 1H30M IFF 761 FFP 925 BHT 232F
 40301 DST 03 9584- 9657 203RDRV 5012 36.1
 40310 GAS TS IN 0446M
 40331 FINAL OP 1H30M IFF 419 FFP 688
 50102 203RDRV PERF W/ 2/FT 9591- 9620 GROSS 014
 50202 203RDRV PERF W/ 2/FT 9430- 9458 GROSS 015
 50302 203RDRV PERF W/ 2/FT 9506- 9558 GROSS 016

30 S 26 E 38

33 N 129 W 101

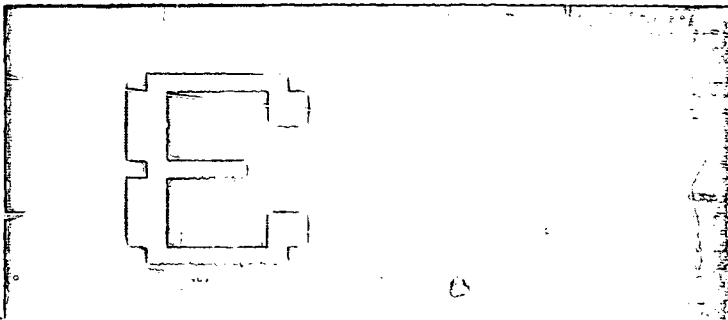
33 N 130 W 104 30 10002 0460545110372976 0460550510372805
 10010 011 00166273 6588050 911203RDRV 9428172
 10021 TWP N 130 RGE W 104 SEC 30 055TH-PRINCIPAL
 101 NDAR-BOWMAN A 2093 FNL 1867 FEL (SE SW NE) HF HF 35
 102 PEL-TEX INC 1 STRIEHERZ
 103 3089 KB 3075 GR WILDCAT
 104 API 33-011- 00166 00
 105 SPUD 11/01/1971 COMP 12/05/1971 ROTARY DBA-06
 107 DTG 9420 LTD 9428 FM/TO 203RDRV
 40101 DST 01 7270- 7325 353CRLS 002
 40131 FINAL OP 1H IFF 886 FFP 1630 BHT 180F
 40201 DST 02 9135- 9190 203RDRV 5003
 40231 FINAL OP 1H30M IFF 318 FFP 455 BHT 180F
 40301 DST 03 9220- 9267 203RDRV 5004
 40331 FINAL OP 1H30M IFF 227 FFP 341 BHT 170F
 40401 DST 04 9280- 9305 203RDRV 5005
 40431 FINAL OP 1H30M IFF 114 FFP 273 BHT 190F
 40501 DST 05 9275- 9351 203RDRV 5006
 40531 FINAL OP 3H IFF 364 FFP 705 BHT 185F

33 N 129 W 101

33 N 130 W 106 17 10002 0460860610396500 0460861410396391
 10010 011 00068273 11300 7850599 511203RDRV 8510K66
 10021 TWP N 130 RGE W 106 SEC 17 055TH-PRINCIPAL
 101 NDAR-BOWMAN A 1320 FNL 1691 FNL (SE NW NE) 1H 36
 102 SHELL OIL 21X-17C-55 GOVT-UNIT
 103 2914 KB 2902 GR CEDAR CREEK
 104 2914 ES 2903 GR P LSE NO 974 API 33-011- 00068 00
 105 SPUD 10/17/1966 COMP 12/12/1966 ROTARY WI-0G
 107 DTG 8510 PB 8494 FM/TO 203RDRV
 40101 DST 01 STRD 8430- 8480 203RDRV 5002

33 N 129 W 102

RW	INDEX
B	33 N 129 W 102 11
B	33 N 129 W 102 34
C	33 N 129 W 103 27
D	33 N 129 W 104 33
E	33 N 129 W 104 34
F	33 N 129 W 106 9
G	33 N 130 W 102 15
H	33 N 130 W 102 22
I	33 N 130 W 102 29
J	33 N 130 W 104 14
K	33 N 130 W 104 14
L	33 N 130 W 104 15
M	33 N 130 W 104 24



RW	INDEX
A	30 S 26 E 38
B	30 S 26 E 38
C	30 S 26 E 38
D	30 S 26 E 38
E	30 S 26 E 38
F	30 S 26 E 38
G	30 S 26 E 38
H	30 S 26 E 38
I	30 S 26 E 38
J	30 S 26 E 38
K	30 S 26 E 38
L	30 S 26 E 38
M	30 S 26 E 38

06/08/78

PETROLEUM INFORMATION CORP

PAGE 664

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 130 W 106 17 40131 FINAL OP 2H IFF 62 FFP 684 BMT 186F
 50102 203RDRV PERF JET W/ 1/FT 8435- 8469 GROSS 004

33 N 130 W 106 18 10002 0460811710398184 0460812110398104
 10010 011 00066273 11300 7850599 510203RDRV 8E-20566
 10021 TWP N 130 RGE W 106 SEC 18 055TH PRINCIPAL
 101 NDAK BOWMAN A 3150 FNL 2635 FEL (NW SE) 1/4 1/4
 102 SHELLE OIL 33X-18C-53 GOUT UNIT
 103 2957 KB 2945 GR CEDAR CREEK
 104 2957 ES 2945 GR P LSE NO 974 API 33-011- 00066 00
 105 SPUD 03/27/1966 COMP 05/06/1966 ROTARY W-0
 107 DTD 8520 PB 8474 FM/TO 203RDRV
 40101 DST 01 7805- 7860 353RLSA 004
 40131 FINAL OP 1H30M IFF 71 FFP 236 BMT 176F

37

0

33 N 131 W 103 34 10002 0461313410354260 0461312310354037
 10010 011 00222273 6665050 900203RDRV 8553377
 10021 TWP N 131 RGE W 103 SEC 34 066TH PRINCIPAL
 101 NDAK BOWMAN A 660 FNL 1980 FEL (NW NE) 1/4 1/4
 102 PETROBRUM-TX 1 HILTON
 103 3029 GR WILDCAT
 104 3039 DF 3029 P API 33 011 00222 00
 105 SPUD 06/17/1975 COMP 07/17/1976 ROTARY D&A
 107 DTD 9953 FM/TO 203RDRV
 40101 DST 01 9705- 9754 203RDRV MISRUNS002
 40131 BMT 200F
 40201 DST 02 9705- 9754 203RDRV S003
 40231 BMT 200F
 40301 DST 03 9780- 9840 203RDRV 004
 40331 BMT 220F
 40401 DST 04 9850- 9920 203RDRV 9885 S005
 40431 BMT 244F

38

0000

36.7 °C/ft

33 N 131 W 104 16 10002 0461639910369141 0461646610368911
 10010 011 00168273 14100 2723011 110203RDRV 203RDRV 10006772
 10021 TWP N 131 RGE W 104 SEC 16 055TH PRINCIPAL
 101 NDAK BOWMAN A 760 FSL 2640 FEL (S2 S2) 1/4 DO
 102 FARMERS UNION EXCHANGE 15X-16 STATE
 103 3240 KB COYOTE CREEK
 104 3239 DF 3229 GR P LSE NO API 33-011- 00168-00
 105 SPUD 04/07/1972 COMP 07/13/1972 ROTARY OIL
 107 DTD 10006 PB 9957 FM/TO 203RDRV
 20102 203RDRV PERF 9738- 9894 GROSS 015
 40101 DST 01 9700- 9759 203RDRV CUSH 2740 S002
 40110 GAS TS IN 1H30M NOT GAUGED 9730
 40131 FINAL OP 2H IFF 1244 FFP 1692 BMT 234F
 40201 DST 02 9803- 9846 203RDRV CUSH 2273 WTR S003
 40231 FINAL OP 3H IFF 1033 FFP 1169 9882
 40301 DST 03 9863- 9901 203RDRV CUSH 25 REVOUTS004
 40331 FINAL OP 2H IFF 1344 FFP 2040 BMT 240F
 50102 203RDRV PERF W/ 2/FT 9880- 9894 006

39

35.4 °C/ft

36.0

06/08/78

PETROLEUM INFORMATION CORP

PAGE 665

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 131 W 104 16 50202 203RDRV PERF W/ 2/FT 9880- 9894 007
 50302 203RDRV PERF W/ 4/FT 9738- 9747 008
 50402 203RDRV PERF W/ 4/FT 9738- 9747 009
 50502 203RDRV PERF W/ 4/FT 9738- 9747 010
 50602 203RDRV PERF W/ 4/FT 9738- 9747 011
 50702 203RDRV PERF 9738- 9894 GROSS 012
 50802 203RDRV PERF 9738- 9894 GROSS 013
 50902 203RDRV PERF 9738- 9894 GROSS 014

33 N 131 W 104 23 10002 0461575610365135 0461574510364843
 10010 011 00203273 14100 2723011 110203RDRV 203RDRV 10080276
 10021 TWP N 131 RGE W 104 SEC 23 055TH PRINCIPAL
 101 NDAK BOWMAN A 1400 FNL 2400 FNL NE SE NW 1/4 WOE
 102 FARMERS UNION EXCHANGE 6-23 MILLER
 103 3244 KB 3232 GR COYOTE CREEK
 104 API 33 011 00203 00
 105 SPUD 10/11/1975 COMP 01/30/1976 ROTARY OIL
 107 DTD 10080 FM/TO 203RDRV
 20102 203RDRV PERF W/ 4/FT 9738- 9894 GROSS 012

33 N 129 W 102

33 N 129 W 102

SUB FILE GEOTHERMAL LISTING

33 N 131 W 104 16 50202 203RDRV PERF W/ 2/FT 9880- 9894 007
 50302 203RDRV PERF W/ 4/FT 9738- 9747 008
 50402 203RDRV PERF W/ 4/FT 9738- 9747 009
 50502 203RDRV PERF W/ 4/FT 9738- 9747 010
 50602 203RDRV PERF W/ 4/FT 9738- 9747 011
 50702 203RDRV PERF 9738- 9894 GROSS 012
 50802 203RDRV PERF 9738- 9894 GROSS 013
 50902 203RDRV PERF 9738- 9894 GROSS 014

33 N 131 W 104 23 10002 0461575610365135 0461574510364843
 10010 011 00203273 14100 2723011 110203RDRV 203RDRV 10080276
 10021 TWP N 131 RGE W 104 SEC 23 055TH PRINCIPAL
 101 NDAK BOWMAN A 1400 FNL 2400 FWL (NE SE NW) 40
 102 FARMERS UNION EXCHANGE 6-23 MILLER
 103 3244 KB 3232 GR COYOTE CREEK
 104 API 33 011 00203 00
 105 SPUD 10/11/1975 COMP 01/30/1976 ROTARY OIL
 107 DTD 10080 FM/TO 203RDRV
 20102 203RDRV PERF W/ 4/FT 9797-10009 GROSS 012
 20150 WTR
 40101 DST 01 9789- 9841 203RDRV S002
 40131 FINAL OP 1H IFF 188 FFP 375 BHT 226F
 40201 DST 02 9890- 9938 203RDRV S003
 40231 FINAL OP 1H30M IFF 188 FFP 377
 40301 DST 03 9958- 9987 203RDRV REVOUTS004
 40331 FINAL OP 1H IFF 451 FFP 1090
 50102 203RDRV PERF W/ 4/FT 10000-10009 006
 50202 203RDRV PERF W/ 4/FT 9963- 9968 007
 50302 203RDRV PERF W/ 4/FT 9917- 9924 008
 50350 WTR
 50402 203RDRV PERF W/ 4/FT 9917- 9924 009
 50502 203RDRV PERF W/ 4/FT 9829- 9838 010
 50602 203RDRV PERF W/ 4/FT 9797- 9804 011

33 N 131 W 104 23 10002 0461512610365314 0461514510365085
 10010 011 00212273 14100 2723061 110203RDRV 203RDRV 10160876
 10021 TWP N 131 RGE W 104 SEC 23 055TH PRINCIPAL
 101 NDAK BOWMAN A 1330 FSL 1650 FWL (SW NE SW) 41
 102 FARMERS UNION EXCHANGE 11-23 MILLER
 103 3264 KB 3252 GR COYOTE CREEK
 104 3217 DF 3205 GR P LSE NO API 33-011- 00212-00
 105 SPUD 04/22/1976 COMP C7/22/1976 ROTARY OIL
 107 DTD 10160 PB 10020 FM/TO 203RDRV
 20102 203RDRV PERF W/ 4/FT 9863- 9863 007
 20150 WTR
 40101 DST 01 8040- 8068 353FRBG 8054 S002
 40131 FINAL OP 1H IFF 582 FFP 1289 BHT 210F 37.3 °C/hour
 40201 DST 02 9822- 9835 203RDRV S003
 40231 FINAL OP 1H IFF 125 FFP 208
 40301 DST 03 9855- 9890 203RDRV S004
 40331 FINAL OP 1H IFF 252 FFP 525 BHT 225F

SUB FILE GEOTHERMAL LISTING

33 N 131 W 104 23 40401 DST 04 9925- 9982 203RDRV S005
 40421 FINAL OP 1H IFF 270 FFP 478 BHT 220F
 40501 DST 05 9989-10022 203RDRV S006
 40531 FINAL OP 1H IFF 416 FFP 750 BHT 225F

33 N 131 W 104 27 10002 0461429610367043 0461436110366837
 10010 011 00175273 14100 2723011 110203RDRV 203RDRV 9924873
 10021 TWP N 131 RGE W 104 SEC 27 055TH PRINCIPAL
 101 NDAK BOWMAN A 1600 FNL 2640 FWL CN2 NW 40E
 102 FARMERS UNION EXCHANGE 7X-27 ROSE M MILLER
 103 3185 KB 3173 GR COYOTE CREEK
 104 3168 DF 3158 GP P LSE NO API 33-011- 00175-00
 105 SPUD 05/10/1973 COMP 07/05/1973 ROTARY OIL
 107 DTD 9924 FM/TO 203RDRV
 20102 203RDRV PERF 9658- 9814 GROSS 019
 20150 WTR
 40101 DST 01 9615- 9662 203RDRV S002
 40110 GAS TS 1H 20M AT 2RT MCFD

33 N 129 W 102

33 N 129 W 103

33 N 129 W 103

33 N 129 W 103

33 N 129 W 103

33 N 129 W 103

06/08/78

PETROLEUM INFORMATION CORP

PAGE 666

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 131 W 104 23 40401 DST 04 9925- 9982 203RDRV S005
 40431 FINAL OP 1H IFF 270 FFP 478 BHT 220F
 40501 DST 05 9989-10022 203RDRV S006
 40531 FINAL OP 1H IFF 416 FFP 750 BHT 225F

33 N 131 W 104 27 10002 0461429610367043 0461436110366837
 10010 O11 00175273 14100 2723011 110203RDRV 203RDRV 9924873
 10021 TWP N 131 RGE W 104 SEC 27 055TH PRINCIPAL
 101 NOAK BOWMAN A 1600 FNL 2640 FNL CNZ NO WOE
 102 FARMERS UNION EXCHANGE 7X-27 ROSE H MILLER
 103 3185 KB 3173 GR COYOTE CREEK
 104 3168 DF 3158 GR P LSE NO API 33-011- 00175-00
 105 SPUD 05/10/1973 COMP 07/05/1973 ROTARY OIL
 107 DTD 9924 FM/TD 203RDRV
 20102 203RDRV PERF 9658- 9814 GROSS 019
 20150 WTR

40101 DST 01 9615- 9662 203RDRV S002
 40110 GAS TS IN 20M AT 283 MCFD
 40111 GAS TS IN AT 385 MCFD
 40112 OIL TS IN 26M
 40113 OIL 1H AT 40 BO 40.5 GTY
 40114 OIL 8.0 8.5 GT AT 78 BO 78.5 GTY

40131 FINAL OP 2H30M IFF 1460 FFP 1646 BHT 222F
 40201 DST 02 9706- 9765 203RDRV CUSH 1203 WTR S003
 40231 FINAL OP 2H IFF 586 FFP 628 BHT 224F
 40301 DST 03 9776- 9808 203RDRV CUSH 1263 WTR S004
 40310 GAS TS IN AT 40 MCFD 40.9
 40311 GAS TS IN 1H30M AT 32 MCFD 32.4

40331 FINAL OP 2H IFF 774 FFP 1315 BHT 225F
 40401 DST 04 9810- 9850 203RDRV CUSH 1294 WTR S005
 40410 GAS TS IN AT 19 MCFD 19.5
 40411 GAS TS IN 1H55M AT 11 MCFD 11.2
 40412 GAS TS IN 2H AT 41 MCFD 41.2
 40431 FINAL OP 2H IFF 711 FFP 1294 BHT 226F

50102 203RDRV PERF 9788- 9814 GROSS 007
 50150 WTR
 50202 203RDRV PERF 9788- 9814 GROSS 008
 50250 WTR
 50302 203RDRV PERF 9788- 9814 GROSS 009
 50350 WTR
 50402 203RDRV PERF 9788- 9814 GROSS 010
 50450 WTR
 50502 203RDRV PERF 9658- 9814 GROSS 011
 50550 WTR
 50602 203RDRV PERF 9658- 9814 GROSS 012
 50650 WTR
 50702 203RDRV PERF 9658- 9814 GROSS 013
 50750 WTR
 50802 203RDRV PERF 9658- 9814 GROSS 014
 50902 203RDRV PERF 9658- 9814 GROSS 015
 50950 WTR

06/08/78

PETROLEUM INFORMATION CORP

PAGE 667

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 131 W 104 27 51002 203RDRV PERF 9658- 9814 GROSS 016
 51050 WTR
 51102 203RDRV PERF 9658- 9814 GROSS 017
 51150 WTR
 51202 203RDRV PERF 9658- 9814 GROSS 018

33 N 131 W 105 15 10002 0461749510380234 0461762410380076
 10010 O11 00164273 6589550 911203RDRV 9490071
 10021 TWP N 131 RGE W 105 SEC 15 055TH PRINCIPAL
 101 NOAK BOWMAN A 510 FNL 2915 FNL NE NW NW WF WF
 102 PENN OIL UNITED I SWANKE
 103 2960 KB 2946 GP WILDCAT
 104 2966 DF 2955 GR P API 33-011- 00164 00
 105 SPUD 07/10/1971 COMP 08/13/1971 POTARY D&A-06
 107 DTD 9490 FM/TD 203RDRV

SUB FILE GEOTHERMAL LISTING

33 N 131 W 104 27 51002 203RDRV PERF 9658- 9814 GROSS 016
 51050 WTR
 51102 203RDRV PERF 9658- 9814 GROSS 017
 51150 WTR
 51202 203RDRV PERF 9658- 9814 GROSS 018

33 N 131 W 105 15 10002 0461749510380234 0461762410380076
 10010 011 00164273 6589550 911203RDRV 9490071
 10021 TWP N 131 RGE W 105 SEC 15 055TH PRINCIPAL
 101 NDAK BOHMAN A 510 FNL 715 FHL (NE NW NW) WF WF 43
 102 PENNZOIL UNITED I SWANKE
 103 2960 KB 2946 GR WILDCAT
 104 2966 DF 2955 GR P API 33-011- 00164 00
 105 SPUD 07/10/1971 COMP 08/13/1971 ROTARY D&A-06
 107 DTD 9490 FM/TO 203RDRV
 40101 DST 01 9218- 9290 203SNMN 9254 S002
 40131 FINAL OP 1H IFF 488 FFP 529 BHT 220F
 40201 DST 02 9330- 9378 203RDRV S003
 40231 FINAL OP 1H IFF 362 FFP 438 BHT 220F
 40301 DST 03 9383- 9456 203RDRV 9420 005
 40331 FINAL OP 0430M IFF 1435 FFP 1910 BHT 230F 35.8°C/lm

33 N 131 W 105 28 10002 0461343610382403 0461355710382240
 10010 011 00161273 6588050 911203RDRV 9218371
 10021 TWP N 131 RGE W 105 SEC 28 055TH PRINCIPAL
 101 NDAK BOHMAN A 560 FSL 500 FHL (SW SW SW) WF WF 44
 102 PEL TEX INC I COATES
 103 2977 KB 2966 GR WILDCAT
 104 2986 DF 2976 GR P API 33-011- 00161 00
 105 SPUD 12/02/1970 COMP 01/10/1971 ROTARY D&A-06
 107 DTD 9204 LTD 9218 FM/TO 203RDRV
 40101 DST 01 8960- 9030 203RDRV S002
 40131 FINAL OP 1H30M IFF 216 FFP 297 BHT 200F
 40201 DST 02 9061- 9116 203RDRV S003
 40231 FINAL OP 1H30M IFF 116 FFP 162 BHT 204F
 40301 DST 03 9130- 9204 203RDRV 005
 40331 FINAL OP 1H IFF 1182 FFP 2290 BHT 201F

33 N 131 W 106 32 10002 0461245110396738 0461244710396672
 10010 011 00060273 7850550 910203RDRV 8883265
 10021 TWP N 131 RGE W 106 SEC 32 055TH PRINCIPAL
 101 NDAK BOHMAN A 1980 FSL 960 FHL (NW SW) WF WF 45
 102 SHELCO 13-32 GOVT
 103 3037 KB 3024 GR CEDAR CRK E AREA
 104 3035 DF 3024 GR P API 33-011- 00060 00
 105 SPUD 01/02/1965 COMP 01/24/1965 ROTARY D&A-0
 107 DTD 8883 FM/TO 203RDRV
 40101 DST 01 STRD 8646- 8688 203RDRV S002
 40131 FINAL OP 2H IFF 27 FFP 128 BHT 192F
 40201 DST 02 STRD 8041- 8102 3090VNN 003
 40231 FINAL OP 2H IFF 51 FFP 986 BHT 198F

SUB FILE GEOTHERMAL LISTING

33 N 132 W 75 12 10002 0462688410001711 0462707110001299
 10010 029 00010273 2780050 900602DKOT 2447769
 10021 TWP N 132 RGE W 75 SEC 12 055TH PRINCIPAL
 101 NDAK EMMONS A 2080 FNL 1980 FHL SE NW WF WF
 102 FOREST OIL I BERNARD HULM
 103 1990 DF 1985 GR WILDCAT
 104 1966 ES 1958 GR R API 33-029- 00010 00
 105 SPUD 06/11/1969 COMP 06/19/1969 ROTARY D&A
 107 DTD 2445 LTD 2447 FM/TO 602DKOT
 40101 DST 01 2150- 2230 602MOOY 002
 40102 OVERLAP 602SKK
 40131 FINAL OP 1H IFF 244 FFP 263 BHT 76F

33 N 132 W 75 15 10002 0462458710006050 0462486710005601
 10010 029 60005273 3959970 901602DKOT 2397175
 10021 TWP N 132 RGE W 75 SEC 15 055TH PRINCIPAL
 101 NDAK EMMONS A 155 FSL 1372 FHL SW SE SW S S
 102 WEST COAST O&G ETAL I FISHER

SUB FILE GEOTHERMAL LISTING

33 N 132 W 75 12 10002 0462688410001711 0462707110001299
 10010 029 00010273 2780050 900602DKOT 2447769
 10021 TWP N 132 RGE W 75 SEC 12 055TH PRINCIPAL
 101 NDAK EMMONS A 2080 FNL 1980 FNL SE NW WF WF 46
 102 FOREST OIL 1 BERNARD-HULM
 103 1990 DF 1985 GR WILDCAT
 104 1966 ES 1958 GR P API 33-029- 00010 00
 105 SPUD 06/11/1969 COMP 06/19/1969 ROTARY D&A
 107 DTD 2445 LTD 2447 FM/TD 602DKOT
 40101 DST 01 2150- 2230 602MDDY 002
 40102 OVERLAPS 602SKCK
 40131 FINAL OP 1M IFF 244 FFP 263 BHT 76F \triangle

33 N 129 W 1

33 N 132 W 75 15 10002 0462458710006050 0462486710005601
 10010 029 60005273 9999970 901602DKOT 2397175
 10021 TWP N 132 RGE W 75 SEC 15 055TH PRINCIPAL
 101 NDAK EMMONS A 155 FSL 1372 FNL SW SE SW S 47
 102 WEST COAST O&G ETAL 1 FISHER
 103 1925 KB 1921 GR WILDCAT
 104 API 33 029 60005 00
 105 SPUD 11/05/1973 COMP 11/14/1973 ROTARY D&A-G
 107 DTD 2397 LTD 2395 FM/TD 602DKOT
 40101 DST 01 2176- 2191 602MDDY S006
 40131 FINAL OP 0H30M IFF 808 FFP 911 BHT 82F- \triangle

33 N 129 W 1

33 N 133 W 75 29 10002 0463045210012906 0463064110012401
 10010 029 60006273 9999970 901602DKOT 2522175
 10021 TWP N 133 RGE W 75 SEC 29 055TH PRINCIPAL
 101 NDAK EMMONS A 2280 FNL 106 FEL SE SE NE S 48
 102 WEST COAST O&G ETAL 1 HANSON
 103 1992 KB 1988 GR WILDCAT
 104 API 33 029 60006 00
 105 SPUD 10/26/1973 COMP 11/04/1973 ROTARY D&A-G
 107 DTD 2522 LTD 2520 FM/TD 602DKOT
 40101 DST 01 2243- 2278 602MDDY S004
 40131 FINAL OP 0H30M IFF 615 FFP 856 BHT 80F \triangle

33 N 133 W 76 35 10002 0462954210019191 0462977710018630
 10010 029 60001273 9999970 901602DKOT 2555175
 10021 TWP N 133 RGE W 76 SEC 35 055TH PRINCIPAL
 101 NDAK EMMONS A 219 FNL 364 FEL NE NE NE S 49
 102 WEST COAST O&G ETAL 1 WEBER
 103 2002 KB 1996 GR WILDCAT
 104 API 33 029 60001 00
 105 SPUD 05/25/1973 COMP 06/01/1973 ROTARY D&A-G
 107 DTD 2555 LTD 2555 FM/TD 602DKOT
 40101 DST 01 2285- 2331 602MDDY 2-306 S005
 40131 FINAL OP 0H20M IFF 997 FFP 1088 BHT 94F \triangle 38.7°C / km \triangle

33 N 129 W 1

33 N 133 W 76 36 10002 0462845110017098 0462903610016532
 10010 029 60004273 9999970 901602DKOT 2450175

SUB FILE GEOTHERMAL LISTING

33 N 133 W 76 36 10021 TWP N 133 RGE W 76 SEC 36 055TH PRINCIPAL
 101 NDAK EMMONS A 676 FSL 454 FEL NE SE SE S S
 102 WEST COAST O&G ETAL 1 WEST COAST-STATE
 103 1896 KB 1892 GR WILDCAT
 104 API 33 029 60004 00
 105 SPUD 11/26/1973 COMP 11/30/1973 ROTARY D&A-G
 107 DTD 2450 LTD 2450 FM/TD 602DKOT
 40101 DST 01 2180- 2215 602MDDY S003
 40131 FINAL OP 0H15M IFF 937 FFP 940 BHT 87F

33 N 129 W 10

33 N 129 W 5

33 N 133 W 92 21 10002 0463130910224014 0463125110223723
 10010 041 00012273 2590250 911203RDVV 9500378
 10021 TWP N 133 RGE W 92 SEC 21 055TH PRINCIPAL
 101 NDAK HETTINGR A 800 FSL 020 FEL NW SE SE WF WF
 102 ENERGETICS INC 44-21 HARSCH-MEHRER
 103 2508 KB 2495 GR WILDCAT
 104 2505 DF 2495 GR P LSE NO API 33-041- 00012-00
 105 SPUD 01/12/1978 COMP 02/15/1978 ROTARY D&A-G

SUB FILE GEOTHERMAL LISTING

33 N 133 W 76 36 10021 TWP N 133 RGE W 76 SEC 36 055TH PRINCIPAL
 101 NDAK ~~EMMONS~~ A 676 FSL 454 FEL (NE SE SW) S
 102 WEST COAST O&G ETAL 1 WEST COAST STATE
 103 1896 KB 1892 GR WILDCAT
 104 API 33-029 60004 00
 105 SPUD 11/26/1973 COMP 11/30/1973 ROTARY D&A-G
 107 DTD 2450 LTD 2450 FM/TD 602DKOT
 40101 DST 01 2180- 2215 602MDDY 2198 S003
 40131 FINAL OP 0415M IFF 937 FFP 940 BHT 87F

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A

33 N 133 W 92 21 10002 0463130910224014 0463125110223773
 10010 041 00012273 2590250 911203RDRV 9500378
 10021 TWP N 133 RGE W 92 SEC 21 055TH PRINCIPAL
 101 NDAK ~~SETTLING~~ A 800 FSL 820 FEL (NW SE SW) WF WF
 102 ENERGETTES INC 44-21 HARSCH-BARRER
 103 2508 KB 2495 GR WILDCAT
 104 2505 DF 2495 GR P LSE NO API 33-041- 00012-00
 105 SPUD 01/12/1978 COMP 02/15/1978 ROTARY D&A-OG
 107 DTD 9500 FM/TD 203RDRV
 40101 DST 01 6968- 7058 352MSNC S002
 40131 FINAL OP 1H IFF 366 FFP 748 BHT 145F

51

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33 N 133 W 98 5 10002 0463655110302207 0463642410301917
 10010 087 00073273 6552050 911203RDRV 10768676
 10021 TWP N 133 RGE W 98 SEC 5 055TH PRINCIPAL
 101 NDAK ~~SLOPE~~ A 660 FSL 1980 FSL (NE NW) WF WF
 102 PATRIEK-PEP 1 ARNESON
 103 2776 KB 2769 GR WILDCAT
 104 API 33-087 00073 00
 105 SPUD 03/20/1976 COMP 05/02/1976 ROTARY D&A-OG
 107 DTD 10768 LTD 10758 FM/TD 203RDRV
 40101 DST 01 7986- 8117 359MSSP 002
 40131 FINAL OP 3H IFF 155 FFP 514 BHT 210F
 40201 DST 02 10469-10519 203RDRV S003
 40210 GAS TS IN 1H20M 10494
 40231 FINAL OP 2H30M IFF 1030 FFP 1786 BHT 256F
 40301 DST 03 10552-10602 203RDRV CUSH 1946 S004
 40331 FINAL OP 2H30M IFF 958 FFP 1230 BHT 264F
 40401 DST 04 10640-10768 203RDRV 10704 S005
 40431 FINAL OP 3H IFF 1534 FFP 3803 BHT 268F

52

0 36.6 °C/km 0
 0 37.7 0
 0 38.0 0

33 N 133 W 98 6 10002 0463583410304342 0463581310304097
 10010 087 00052273 9999950 901553MRSN 5365569
 10021 TWP N 133 RGE W 98 SEC 6 055TH PRINCIPAL
 101 NDAK ~~SLOPE~~ A 1946 FSL 1850 FSL (SW NE SW) WF WF
 102 INTERNATIONAL NUCLEAR 2-1-58 ARNESON
 103 2771 KB 2761 GR WILDCAT
 104 2777 ES 2769 GR P API 33-087- 00052 00
 105 SPUD 11/01/1968 COMP 11/08/1968 D&A-G
 107 DTD 5365 LTD 5365 FM/TD 553MRSN
 40101 DST 01 4790- 4825 603GRNR S002

53

SUB FILE GEOTHERMAL LISTING

33 N 133 W 98 6 40102 OVERLAPS 602MDDY 602SKCK
 40131 FINAL OP 00H30M IFF 829 FFP 1015 BHT 153F

33 N 133 W 102 9 10002 0463385210349939 0463388510350021
 10010 087 00077273 126585 911203RDRV 10651277
 10021 TWP N 133 RGE W 102 SEC 9 066TH PRINCIPAL
 101 NDAK SLOPE A 500 FSL 1820 FSL SW SE SW WF WF
 102 CHAMBERS JERRY 1 BURKE
 103 2885 GR WILDCAT
 104 API 33-087 00077 00
 105 SPUD 07/16/1976 COMP 09/01/1976 ROTARY D&A-OG
 107 DTD 10650 LTD 10651 FM/TD 203RDRV
 40101 DST 01 8020- 8125 353CRLS S002
 40102 OVERLAPS 353MIDL
 40131 FINAL OP 1H15M IFF 230 FFP 494 BHT 196F
 40201 DST 02 2254- 8305 352MSNC 003
 40202 OVERLAPS 353FRAG
 40231 FINAL OP 1H01M IFF 409 FFP 1112

33 N 133 W 10

33 N 100 W 10

SUB FILE GEOTHERMAL LISTING

33 N 133 W 98 6 46102 OVERLAPS 602HDDY 602SKCK 4808
 40131 FINAL OP 00H30M IFF 829 FFP 1015 BHT 153F

33 N 133 W 102 9 10002 0463385210349939 0463388510350021
 10010 087 00077273 126585 911203RDRV 10651277
 10021 TWP N 133 RGE W 102 SEC 9 066TH PRINCIPAL
 101 NDAK SLOPE A 500 FSL 1820 FWL SH SE SW HF WF
 102 CHAMBERS FERRY 1 BORKE
 103 2885 GR WILDCAT
 104 API 33 087 00077 00
 105 SPUD 07/16/1976 COMP 09/01/1976 ROTARY D&A-OG
 107 DTD 10650 LTD 10651 FM/TD 203RDRV
 40101 DST 01 8020- 8125 353CRLS S002
 40102 OVERLAPS 353MIDL
 40131 FINAL OP 1H15M IFF 230 FFP 494 BHT 198F
 40201 DST 02 8254- 8305 352MSNC 003
 40202 OVERLAPS 353FRBG
 40231 FINAL OP 1H01M IFF 409 FFP 1112
 40301 DST 03 10350-10405 203RDRV S004
 40331 FINAL OP 1H IFF 988 FFP 1332
 40401 DST 04 10435-10480 203RDRV S005
 40431 FINAL OP 1H15M IFF 807 FFP 861 BHT 230F
 40501 DST 05 10505-10570 203RDRV CUSH 1513 WTR S006
 40531 FINAL OP 1H15M IFF 734 FFP 789 BHT 234F

40.9 °C/ft

54

33 N 134 W 90 5 10002 0464515410202146 0464510210201762
 10010 037 00019273 9277050 900203RDRV 9325275
 10021 TWP N 134 RGE W 90 SEC 5 055TH PRINCIPAL
 101 NDAK GRANT A 1944 FNL 1980 FWL N2 SE NW HF HF
 102 WAINWRIGHT 22-5 KRAUSE
 103 2408 GR WILDCAT
 104 2418 DF 2408 GR P LSE NO API 33-037- 00019-00
 105 SPUD 10/04/1974 COMP 11/05/1974 ROTARY D&A
 107 DTD 9325 FM/TD 203RDRV
 40101 DST 01 8490- 8525 259SLRN 002
 40131 FINAL OP 1H IFF 77 FFP 368 BHT 185F
 40201 DST 02 9108- 9125 203RDRV 003
 40231 FINAL OP 1H30M IFF 45 FFP 270 BHT 162F

55

33 N 134 W 95 30 10002 0463920410267274 0463929910266947
 10010 041 00010273 5939350 900203RDRV 8200J75
 10021 TWP N 134 RGE W 95 SEC 30 055TH PRINCIPAL
 101 NDAK HETTINGR A 1980 FNL 660 FWL C SW NW HF HF
 102 NATIONAL OIL REFINERY 1 STANG
 103 2602 KB 2590 GR WILDCAT
 104 2598 DF 2590 GR P LSE NO API 33-041- 00010-00
 105 SPUD 09/17/1975 COMP 10/11/1975 ROTARY D&A
 107 DTD 8200 LTD 8200 FM/TD 203RDRV
 40101 DST 01 7972- 8200 352MSNC 002
 40131 FINAL OP 0H30M IFF 2883 FFP 3489 BHT 184F

56

SUB FILE GEOTHERMAL LISTING

33 N 135 W 92 12 10002 0465274110218411 0465292710218073
 10010 041 00006273 6937050 911203RDRV 10090171
 10021 TWP N 135 RGE W 92 SEC 12 055TH PRINCIPAL
 101 NDAK HETTINGR A 660 FNL 1980 FEL C NW NE HF HF
 102 PUBCO PETROLEUM 12-2 J HABERSTROH
 103 2524 KB 2508 GR WILDCAT
 104 2523 DF 2513 GR P API 33-041- 00006 00
 105 SPUD 10/20/1970 COMP 12/24/1970 ROTARY D&A-OG
 107 DTD 10090 LTD 10084 FM/TD 203RDRV
 40101 DST 01 6487- 6590 402TYLR 002
 40102 OVERLAPS 419MNL
 40131 FINAL OP 0H35M IFF 103 FFP 141 BHT 146F
 40201 DST 02 7354- 7403 353MIDL S003
 40202 OVERLAPS 352MSNC
 40231 FINAL OP 1H20M IFF 180 FFP 593 BHT 162F
 40301 DST 03 8567- 8567 306NSKU 004
 40331 FINAL OP 1H IFF 51 FFP 51 BHT 172F
 40401 DST 04 8785- 8845 306OPRH S005
 40402 OVERLAPS 306SRPV
 40431 FINAL OP 2H IFF 77 FFP 193
 40501 DST 05 9174- 9279 26491DN 006

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 671

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 135 W 92 12 10002 0465274110218411 0465292710218073
 10010 041 00006273 6937050 911203RDRV 10090171
 10021 TWP N 135 RGE W 92 SEC 12 055TH PRINCIPAL
 101 NDAK (HETTINGER) A 660 FNL 1980 FEL C SW NE WF 57
 102 PUBCO PETROLEUM 12-2 J HANBERSTROM
 103 2524 KB 2508 GR WILDCAT
 104 2523 DF 2513 GR P API 33-041- 00006 00
 105 SPUD 10/20/1970 COMP 12/24/1970 ROTARY D&A-06
 107 DTD 10090 LTD 10084 FM/TO 203RDRV
 40101 DST 01 6487- 6590 402TYLR 002
 40102 OVERLAPS 419MALS
 40131 FINAL OP 0435M IFF 103 FFP 141 BHT 146F 0
 40201 DST 02 7354- 7403 353MIDL S003
 40202 OVERLAPS 352MSNC
 40231 FINAL OP 1M20M IFF 180 FFP 593 BHT 162F 0
 40301 DST 03 8524- 8567 306NSKU 004
 40331 FINAL OP 1H IFF 51 FFP 51 BHT 172F 0
 40401 DST 04 8776- 8845 306DPRW S005
 40402 OVERLAPS 306SRRV
 40431 FINAL OP 2H IFF 77 FFP 193
 40501 DST 05 9174- 9279 259SLRN 006
 40531 FINAL OP 0445M IFF 1515 FFP 2192 BHT 194F 0
 40601 DST 06 8688- 9820 203SNMN S007
 40631 FINAL OP 1H15M IFF 411 FFP 1013 BHT 204F 0
 40701 DST 07 9849- 9911 203RDRV 008
 40731 FINAL OP 2H30M IFF 637 FFP 2417
 40801 DST 08 9954-10025 203RDRV 009
 40831 FINAL OP 1H15M IFF 210 FFP 562

33 N 135 W 98 4 10002 0465290110300704 0465282210300602
 10010 087 00062273 7940050 911353FRBG 8665070
 10021 TWP N 135 RGE W 98 SEC 4 055TH PRINCIPAL
 101 NDAK (SLOPE) A 660 FSL 660 FNL C SW NE WF 58
 102 SIGNAL DAUG ETAL 1 ANTHON BURSICH
 103 2714 KB 2700 GR WILDCAT
 104 2714 DF 2700 GR P LSE NO API 33-087- 00062-00
 105 SPUD 09/20/1970 COMP 10/21/1970 ROTARY D&A-06
 107 DTD 8665 LTD 8665 FM/TO 353FRBG
 40101 DST 01 4886- 4986 602MDDY 4936 002
 40131 FINAL OP 0410M IFF 1823 FFP 1823 BHT 160F
 40201 DST 02 8373- 8415 353MSSN 8390 S003
 40231 FINAL OP 1H IFF 273 FFP 409 BHT 240F
 40301 DST 03 8515- 8605 353FRBG S004
 40331 FINAL OP 0430M
 40401 DST 04 8496- 8543 353FRBG 8520 S005
 40431 FINAL OP 1H IFF 205 FFP 409 BHT 215F 0 36.4 0
 40501 DST 05 8578- 8592 353FRBG 8585 006
 40531 FINAL OP 1H30M IFF 376 FFP 1129 BHT 215F 0 36.0 0
 40601 DST 06 8520- 8554 353FRBG MISRUN 007

33 N 135 W 101 10 10002 0465131910335913 0465105110335772

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 672

06/08/78

SUB FILE GEOTHERMAL LISTING

33 N 135 W 101 10 10010 087 00076273 225 1265810 911203RDRV 11280K76
 10021 TWP N 135 RGE W 101 SEC 10 055TH PRINCIPAL
 101 NDAK SLOPE A 660 FSL 1000 FNL E2 SW SW W0 W0
 102 CHAMBERS JERRY 1 WILLIAM O RABE
 103 2777 GR AMIDON
 104 API 33 087 00076 00
 105 SPUD 09/05/1976 COMP 10/19/1976 ROTARY D&A-06
 107 DTD 11280 FM/TO 203RDRV
 40101 DST 01 9792- 9845 306NSKU S002
 40131 FINAL OP 1H30M IFF 549 FFP 567 BHT 272F

33 N 135 W 101 12 10002 0465206310330768 0465205110330560
 10010 087 00069273 3780050 900353FRBG 8850K73
 10021 TWP N 135 RGE W 101 SEC 12 055TH PRINCIPAL
 101 NDAK SLOPE A 1980 FNL 1830 FEL E2 SW NE WF WF
 102 HUNT H L ETAL T HOUGEN
 103 2793 KB 2780 GR WILDCAT
 104 2782 DF 2781 GR P LSE NO API 33-037- 00069-00
 105 SPUD 09/01/1973 COMP 09/23/1973 ROTARY D&A

SUB FILE GEOTHERMAL LISTING

33 N 135 W 101 10 10010 087 00076273 225 1265810 911203RDRV 11280K76
 10021 TWP N 135 RGE W 101 SEC 10 055TH-PRINCIPAL
 101 NDAK SLOPE A 660 FSL 1000 FWL E2 SW SW WFO 59
 102 CHAMBERS JERRY 1 WILLIAM O RABE
 103 2777 GR AMIDON
 104 API 33 087 00076 00
 105 SPUD 09/05/1976 COMP 10/19/1976 ROTARY D&A-06
 107 DTD 11280 FM/TO 203RDRV
 40101 DST 01 9792- 9845 306NSKU 9818 S002
 40131 FINAL OP 1H30M IFF 549 FFP 567 BHT 232F

33 N 135 W 101 12 10002 0465206310330768 0465205110330560
 10010 087 00069273 3780050 900353FRBG 8850K73
 10021 TWP N 135 RGE W 101 SEC 12 055TH-PRINCIPAL
 101 NDAK SLOPE A 1980 FNL 1830 FEL E2 SW NE WF WF 60
 102 HUNT H L ETAL 1 HAUGEN
 103 2795 KB 2780 GR WILDCAT
 104 2792 DF 2781 GR P LSE NO API 33-087- 00069-00
 105 SPUD 09/11/1973 COMP 09/23/1973 ROTARY D&A
 107 DTD 8850 FM/TO 353FRBG
 40101 DST 01 8564- 8616 353CRLS 8590 002
 40102 OVERLAPS 353MIDL
 40131 FINAL OP 1H30M IFF 289 FFP 859 BHT 238F
 40201 DST 02 8780- 8850 353NSSN 003
 40202 OVERLAPS 353FRBG
 40231 FINAL OP 2H IFF 325 FFP 1367 BHT 228F

41.0°C/hr
 37.8

33 N 135 W 101 21 10002 0464833010338106 0464815210337912
 10010 087 00071273 00225 1265851 110203RDRV 203RDRV 11370477
 10021 TWP N 135 RGE W 101 SEC 21 055TH-PRINCIPAL
 101 NDAK SLOPE A 660 FSL 660 FWL SW SW WF WFD 61
 102 CHAMBERS JERRY 1-21 HOLNEUTG
 103 2863 KB 2850 GR AMIDON
 104 2859 DF 2849 P API 33 087 00071 00
 105 SPUD 09/14/1974 COMP 08/12/1975 ROTARY OIL
 107 DTD 11370 LTD PB 11080 FM/TO 203RDRV
 20102 203RDRV PERF W/ 3/FT 11000-11010 014
 20150 WTR
 40101 DST 01 8408- 8520 353CRLS 8464 S002
 40131 FINAL OP 1H15M IFF 227 FFP 402 BHT 212F
 40201 DST 02 8650- 8712 353CRLS 8687 003
 40231 FINAL OP 1H IFF 707 FFP 1867 BHT 232F
 40301 DST 03 9784- 9846 306NSKU CUSH 1288 WTR S004
 40331 FINAL OP 2H IFF 147 FFP 1901 BHT 232F 9815
 40401 DST 04 10970-11050 203RDRV CUSH 2000 WTR S005
 40410 GAS TS IN 24M /NO GAUGE/ 11010
 40431 FINAL OP 2H IFF 1069 FFP 1726 BHT 260F
 40501 DST 05 11074-11114 203RDRV 11094 S006
 40531 FINAL OP 2H IFF 1033 FFP 1051 BHT 261F
 40601 DST 06 11130-11194 203RDRV CUSH 2125 WTR S007
 40610 GAS TS IN 45M /NO GAUGE/ 11162

36.0°C/hr
 39.3
 35.6
 35.5

SUB FILE GEOTHERMAL LISTING

33 N 135 W 101 21 40631 FINAL OP 3H IFF 1014 FFP 1106 BHT 262F
 50102 203RDRV PERF W/ 3/FT 11137-11180 GROSS 009
 50202 203RDRV PERF W/ 3/FT 11086-11108 GROSS 010
 50302 203RDRV PERF W/ 3/FT 11000-11010 011
 50402 203RDRV PERF W/ 3/FT 11000-11010 012
 50502 203RDRV PERF W/ 3/FT 11000-11010 013

33 N 135 W 103 18 10002 0465016210366896 0465019410366615
 10010 087 00012273 110550 900203RDRV 11080867
 10021 TWP N 135 RGE W 103 SEC 18 055TH-PRINCIPAL
 101 NDAK SLOPE A 1900 FSL 1843 FWL NE SW WF WF
 102 AMERADA PETROLEUM 1 MITCHELL
 103 2971 KB BIERMAN AREA
 104 2970 DF 2959 GR P API 33-087- 00018 00
 105 SPUD 06/19/1967 COMP 08/08/1967 ROTARY D&A
 107 DTD 11080 FM/TO 203RDRV
 40101 DST 01 7365- 7400 419ANLS CUSH 348 WTR 002
 40131 FINAL OP 2H IFF 1592 FFP 3111 BHT 199F
 40201 DST 02 8011- 8030 353KABY CUSH 1017 WTR 003

06/08/78

PETROLEUM INFORMATION CORP

PAGE 673

SUB FILE GEOTHERMAL LISTING

11162

33 N 135 W 101 21 40631 FINAL OP 3H IFP 1014 FFP 1106 BMT 262F
 50102 203RDRV PERF W/ 3/FT 11137-11180 GROSS 009
 50202 203RDRV PERF W/ 3/FT 11086-11108 GROSS 010
 50302 203RDRV PERF W/ 3/FT 11000-11010 011
 50402 203RDRV PERF W/ 3/FT 11000-11010 012
 50502 203RDRV PERF W/ 3/FT 11000-11010 013

33 N 135 W 103 18 10002 0465016210366896 0465019410366615
 10010 087 00012273 110550 900203RDRV 11080867
 10021 TWP N 135 RGE W 103 SEC 18 055TH PRINCIPAL
 101 NDAK SLOPE A 1980 FSL 1843 FWL NE SW NE WF
 102 AMERADA PETROLEUM 1 MITCHELL
 103 2971 KB BIEMAN AREA
 104 2970 DF 2959 GR P API 33-087- 00012 00
 105 SPUD 06/19/1967 COMP 08/08/1967 ROTARY D&A
 107 DTD 11080 FM/TO 203RDRV

40101 DST 01 7365- 7400 41990LS CUSH 348 WTR 002
 40131 FINAL OP 2H IFP 1592 FFP 3111 BMT 199F 7382
 40201 DST 02 8011- 8030 353KBBY CUSH 1017 WTR 003
 40231 FINAL OP 3H IFP 1338 FFP 3421 BMT 208F 8020
 40301 DST 03 8458- 8522 354RCLF CUSH 1017 WTR 004
 40331 FINAL OP 3H IFP 626 FFP 1509 BMT 208F 8490
 40401 DST 04 8686- 8734 353FRBG CUSH 1017 WTR 005
 40431 FINAL OP 3H IFP 784 FFP 3423 BMT 215F 8710
 40501 DST 05 9690- 9734 306NSKU CUSH 2050 WTR 006
 40531 FINAL OP 3H IFP 1632 FFP 4299
 40601 DST 06 10144-10174 259SLRN CUSH 2128 WTR 007
 40631 FINAL OP 1405M IFP 990 FFP 990 BMT 180F
 40701 DST 07 10816-10845 203RDRV CUSH 2892 WTR 008
 40731 FINAL OP 3H IFP 1980 FFP 4669 BMT 230F
 40801 DST 08 10884-10944 203RDRV CUSH 2723 WTR 009
 40831 FINAL OP 1415M IFP 1359 FFP 1381 BMT 228F
 40901 DST 09 10954-11030 203RDRV CUSH 303C WTR 010
 40931 FINAL OP 1405M IFP 1405 FFP 1473 BMT 228F

33 N 136 W 92 15 10002 0465888010223198 0465877910222875
 10010 041 00007273 3781450 900203RDRV 10180275
 10021 TWP N 136 RGE W 92 SEC 15 055TH PRINCIPAL
 101 NDAK SLOPE A 660 FSL 1980 FWL SE SW NE WF
 102 HUNT WILDCAT 1 VALENTINE-SENN
 103 2429 KB 2418 GR
 104 2431 DF 2422 GR P LSE NO API 33-041- 00007-00
 105 SPUD 02/01/1974 COMP 09/10/1974 ROTARY D&A
 107 DTD 10180 LTD 10178 FM/TO 203RDRV

40101 DST 01 7411- 7442 352MSNC 002
 40131 FINAL OP 1H IFP 141 FFP 346 BMT 160F
 40201 DST 02 8872- 8901 306DPRW 003
 40231 FINAL OP 1H IFP 69 FFP 113 BMT 140F

33 N 136 W 99 18 10002 0465964910316626 0465968910316756
 10010 087 00056273 7850550 9103540TTR 7966K69

035.4 °C/hr

62

0 38.0 °C/hr

0 37.0

0 35.6

63

0

0

06/08/78

33 N 130 W 103

33 N 130 W 104

33 N 130 W 104

33 N 130 W 104

PAGE 687

06/08/78

PETROLEUM INFORMATION CORP

PAGE 674

SUB FILE GEOTHERMAL LISTING

K 4

33 N 136 W 99 18 10021 TWP N 136 RGE W 99 SEC 18 055TH PRINCIPAL
 101 NDAK SLOPE * NE NW WF WF
 102 SHELL OIL 21-18 GOVT
 103 2710 KB 2700 GR WILDCAT
 104 2710 DF 2700 GR P API 33-087- 00056 00
 105 SPUD 11/16/1969 COMP 12/16/1969 ROTARY D&A-0
 107 DTD 7966 FM/TO 3540TTR

40101 DST 01 7804- 7825 402TYLR S003
 40131 FINAL OP 1H IFP 51 FFP 58 BMT 214F

33 N 136 W 100 2 10002 04662510321400 0466260010321178
 10010 087 00060273 73380 7850561 110340TTP 354METH 8130271
 10021 TWP N 136 RGE W 100 SEC 18 055TH PRINCIPAL
 101 NDAK SLOPE A 1500 FWL 660 FWL SW NW D DO
 102 SHELL OIL 11-2 HOWIE
 103 2812 KB 2800 GR ROCKY RIDGE
 104 2809 DF 2800 GR LSE NO API 33-087- 00060-00
 105 SPUD 10/25/1970 COMP 01/26/1971 ROTARY OIL
 107 DTD 8130 PB 7395 FM/TO 3540TTR
 20102 354METH PERF W/ 2/FT 7942- 7985 006

06/08/78

33 N 130 W 104

33 N 130 W 104

33 N 136 W 99 18 10021 TWP N 136 RGE W 99 SEC 18 055TH PRINCIPAL
 101 NDAK SLOPE * (SLOPE NH) WF WF 64
 102 SMELL OIL 21-18 GOVT
 103 2710 KB 2700 GR WILDGAT
 104 2710 DF 2700 GR P API 33-087- 00056 00
 105 SPUD 11/16/1969 COMP 12/16/1969 ROTARY OIL D&A-0
 107 DTD 7966 FM/TD 3540TTR
 40101 DST 01 7804- 7825 402TYLR 7814 S003
 40131 FINAL OP 1H 1FP 51 FFP 58 BHT 214F
 O 39.4 °C/hm O

33 N 136 W 100 2 10002 0466251510321400 0466260010321178
 10010 087 00060273 73380 7850561 1103540TTR 354METH 8130271
 10021 TWP N 136 RGE W 100 SEC 2 055TH PRINCIPAL
 101 NDAK SLOPE A 1500 FNL 660 FNL SW NE D DO 65
 102 SMELL OIL 11X-2 MOWIE
 103 2812 KB 2800 GR ROCKY RIDGE
 104 2809 DF 2800 GR P LSE NO API 33-087- 00060-00
 105 SPUD 10/25/1970 COMP 01/26/1971 ROTARY OIL
 107 DTD 8130 PB 7995 FM/TD 3540TTR
 20102 354METH PERF W/ 2/FT 7942- 7955 006
 40101 DST 01 7944- 7979 354METH REVOUTSO04
 40110 GAS TS IN 15M FINAL SI 7962
 40131 FINAL OP 1H 1FP 235 FFP 568 BHT 215F
 O 38.9 °C/hm O

33 N 136 W 100 2 10002 0466212510319823 0466201210319386
 10010 087 00075273 73380 6552061 1103540TTR 402TYLR 8050976
 10021 TWP N 136 RGE W 100 SEC 2 066TH PRINCIPAL
 101 NDAK SLOPE A 2406 FNL 1426 FEL SE SW NE D DO 66
 102 PATRIEK PET-WXC 1 MOWIE
 103 2768 KB 2757 GR ROCKY RIDGE
 104 API 33 087 00075 00
 105 SPUD 06/11/1976 COMP 09/01/1976 ROTARY OIL
 107 DTD 8050 PB 7924 FM/TD 3540TTR
 20102 402TYLR PERF W/ 2/FT 7888- 7892 006
 20150 WTR
 40101 DST C1 7874- 7926 402TYLR 7900 S004
 40110 GAS TS IN 23M
 40131 FINAL OP 1H 1FP 275 FFP 301 BHT 210F
 O 38.1 °C/hm O

33 N 136 W 100 12 10002 0466104910319280 0466112210319038
 10010 087 00064273 73380 6665011 1103540TTR 402TYLR 7975572
 10021 TWP N 136 RGE W 100 SEC 12 055TH PRINCIPAL
 101 NDAK SLOPE A 820 FNL 660 FNL S2 NW NW D MOE 67
 102 PETROLEUM TAC 1 SCHATZ
 103 2775 KB 2765 GR ROCKY RIDGE
 104 2775 DF 2765 GR P API 33-087- 00064 00
 105 SPUD 02/22/1972 COMP 05/11/1972 ROTARY OIL
 107 DTD 7975 LTD 7965 FM/TD 3540TTR
 20102 402TYLR PERF W/ 4/FT 7889- 7895 006
 40101 DST 01 7885- 7915 402TYLR S002
 40110 GAS TS IN 1H15M

33 N 136 W 100 12 40131 FINAL OP 2H 1FP 136 FFP 340 BHT 180F
 50102 402TYLR PERF W/ 4/FT 7889- 7895 004
 50202 402TYLR PERF W/ 4/FT 7889- 7895 005

33 N 136 W 101 8 10002 0466021510339796 0466042610339646
 10010 087 00008273 19830 3780011 110203RDRV 203RDRV 11506066
 10021 TWP N 136 RGE W 101 SEC 8 055TH PRINCIPAL
 101 NDAK SLOPE A 1850 FSL 1845 FNL NE SW WO MOE
 102 HUNT H L 1 USA-8
 103 2725 KB 2709 GR ELEVEN BAR
 104 2723 DF 2709 GR P LSE NO 1683 API 33-087- 00008 00
 105 SPUD 07/17/1966 COMP 10/07/1966 ROTARY OIL
 107 DTD 11506 PB 11300 FM/TD 203RDRV
 20102 203RDRV PERF JET W/ 2/FT 11246-11254 027
 20150 SWTR
 40101 DST 01 8774- 8860 351MOSN 002
 40131 FINAL OP 4H 1FP 308 FFP 2112 BHT 234F
 40201 DST 02 10072-10096 206DPRW CUSH 2040 WTR S003
 40231 FINAL OP 1H 1FP 970 FFP 1109 BHT 239F
 40301 DST 03 11210-11340 203RDRV CUSH 3327 S007
 40310 CUSH TS IN 1H

33 N 130 W 104 15

33 N 130 W 104 15

33 N 136 W 100 12 40131 FINAL OP 2H IFF 136 FFP 340 BHT 180F
 50102 402TYLR PERF W/ 4/FT 7889- 7895 004
 50202 402TYLR PERF W/ 4/FT 7889- 7895 005

33 N 136 W 101 8 10002 0466021510339796 0466042610339646
 10010 087 00008273 19830 3780011 110203RDRV 203RDRV 11506066
 10021 TWP N 136 RGE W 101 SEC 8 055TH PRINCIPAL
 101 NDAK (SLOPE) A 1850 FSL 1845 FHL (NE SW) 40 WOE
 102 HUNT H-L 1 USA-8
 103 2725 KB 2709 GR ELEVEN BAR
 104 2723 DF 2709 GR P LSE NO 1683 API 33-087- 00008 00
 105 SPLD 07/17/1966 COMP 10/07/1966 ROTARY OIL
 107 DTD 11506 PB 11300 FM/TD 203RDRV
 20102 203RDRV PERF JET W/ 2/FT 11246-11254 027
 20150 SMTR
 40101 DST 01 8774- 8860 351MDSM 8817 002
 40131 FINAL OP 4H IFF 308 FFP 2112 BHT 234F
 40201 DST 02 10072-10095 306DPRW CUSH 2040 WTR S003
 40231 FINAL OP 1H IFF 978 FFP 1109 BHT 239F 1008
 40301 DST 03 11210-11340 203RDRV CUSH 3327 S007
 40310 CUSH TS IN 4H
 40331 FINAL OP 6H36PI IFF 1513 FFP 2346
 50102 203RDRV PERF JET W/ 2/FT 11428-11438 010
 50202 203RDRV PERF JET W/ 2/FT 11428-11438 011
 50302 203RDRV PERF JET W/ 2/FT 11423-11438 012
 50350 SMTR
 50402 203RDRV PERF JET W/ 2/FT 11428-11438 013
 50502 203RDRV PERF JET W/ 2/FT 11395-11417 GROSS 014
 50550 SMTR
 50602 203RDRV PERF JET W/ 2/FT 11328-11357 GROSS 015
 50702 203RDRV PERF JET W/ 2/FT 11328-11357 GROSS 016
 50802 203RDRV PERF JET W/ 2/FT 11246-11254 017
 50902 203RDRV PERF JET W/ 2/FT 11246-11254 018
 51002 203RDRV PERF JET W/ 2/FT 11246-11254 019
 51102 203RDRV PERF JET W/ 2/FT 11246-11254 020
 51202 203RDRV PERF JET W/ 2/FT 11246-11254 021
 51302 203RDRV PERF JET W/ 2/FT 11246-11254 022
 51402 203RDRV PERF JET W/ 2/FT 11246-11254 023
 51502 203RDRV PERF JET W/ 2/FT 11246-11254 024
 51602 203RDRV PERF JET W/ 2/FT 11246-11254 025
 51702 203RDRV PERF JET W/ 2/FT 11246-11254 026

0
 68
 39.1°C/hr
 35.1

33 N 136 W 101 9 10002 0466029710337576 0466048110337451
 10010 087 00007273 3780051 110203RDRV 203RDRV 11566866
 10021 TWP N 136 RGE W 101 SEC 9 055TH PRINCIPAL
 101 NDAK (SLOPE) A 2130 FSL 1980 FHL (NE SW) WF WFD
 102 HUNT H-L 1 NPPR-A
 103 2777 KB 2761 GR WILDCAT
 104 2771 DF 2758 GR P LSE NO 1663 API 33-087- 00007 00
 105 SPLD 05/01/1966 COMP 07/26/1966 ROTARY OIL
 107 DTD 11566 PB 11510 FM/TD 203RDRV

69

33 N 136 W 101 9 20102 203RDRV PERF JET W/ 2/FT 11287-11446 GROSS 016
 40101 DST 01 8838- 8903 351MDSM 003
 40131 FINAL OP 1H40M IFF 114 FFP 671 BHT 235F
 40201 DST 02 10008-10050 309DVNN CUSH 2000 MISRUN 005
 40231 FINAL OP 2H30M IFF 903 FFP 955
 40301 DST 03 10116-10144 306DPRW CUSH 2100 WTR S006
 40310 GAS TS IN GTS DURING FINAL SI
 40331 FINAL OP 4H IFF 1134 FFP 1949 BHT 245F
 40401 DST 04 10270-10308 306DPRW CUSH 2300 WTR 007
 40431 FINAL OP 1H IFF 1090 FFP 1099
 40501 DST 05 11286-11326 203RDRV CUSH 3350 WTR 008
 40510 CUSH TS IN 50M
 40511 GAS TS IN 1H
 40512 OIL TS IN 1H LIGHT OIL-NO GAUGE
 40531 FINAL OP 1H08M IFF 2046 FFP 3056
 40601 DST 06 11336-11388 2090DVC CUSH 4000 WTR 009
 40631 FINAL OP 1H IFF 1761 FFP 1806 BHT 240F
 40701 DST 07 STRD 11260-11335 203RDRV WTR S010
 40710 CUSH TS IN 1H25M
 40711 OIL TS IN 1H

33 N 130 W 104 15

33 N 130 W 104 15

33 N 130 W 104 24

33 N 130 W 104 24

33 N 130 W 104 24

33 N 136 W 101 9 20102 203RDRV PERF JET W/ 2/FT 11287-11446 GROSS 016
 40101 DST 01 8838-8903 351MDSN 8870 003
 40131 FINAL OP 1440M IFF 114 FFP 671 BHT 235F
 40201 DST 02 10008-10050 3090VNN CUSH 2000 MISRUN 005
 40231 FINAL OP 2430M IFF 903 FFP 955
 40301 DST 03 10116-10144 3060PRW CUSH 2100 WTR 5006
 40310 GAS TS IN 10116-10144 3060PRW CUSH 2100 WTR 5006
 40331 FINAL OP 4H IFF 1134 FFP 1949 BHT 265F 10738
 40401 DST 04 10270-10308 3060PRW CUSH 2300 WTR 007
 40431 FINAL OP 1H IFF 1090 FFP 1099
 40501 DST 05 11286-11326 203RDRV CUSH 3350 WTR 008
 40510 CUSH TS IN 50M
 40511 GAS TS IN 1H
 40512 OIL TS IN 1H LIGHT OIL-NO GAUGE
 40531 FINAL OP 1408M IFF 2046 FFP 3056
 40601 DST 06 11336-11388 2090DVC CUSH 4000 WTR 009
 40631 FINAL OP 1H IFF 1761 FFP 1806 BHT 240F
 40701 DST 07 STRD 11260-11335 203RDRV WTR 5010
 40710 CUSH TS IN 1425M
 40711 OIL TS IN 3H
 40712 OIL TS IN 1H AT 713 80PO THRU SEPARATOR
 40731 IFF 1810 FFF 3206 BHT 240F
 50102 203RDRV PERF JET W/ 2/FT 11439-11446 012
 50202 203RDRV PERF JET W/ 2/FT 11439-11446 013
 50302 203RDRV PERF JET W/ 2/FT 11287-11297 014
 50402 203RDRV PERF JET W/ 2/FT 11287-11446 GROSS 015

39.0 °C/hr
 36.3 °C/hr

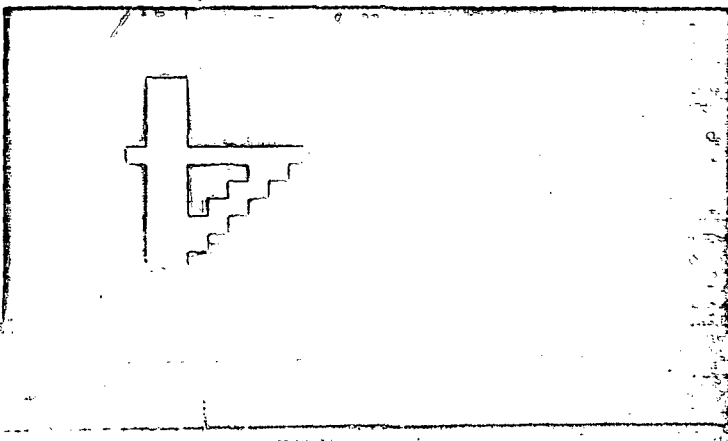
33 N 136 W 101 17 10002 046592910339039 0465950010338867
 10010 087 00010273 19830 3780060 901203RDRV 11530K66
 10021 THP N 136 RGE W 101 SEC 17 055TH PRINCIPAL
 101 NOK SLOPE A 1550 FNL 1630 FEL SH NE D
 102 MOUNT H L 2 MPRR-A
 103 2783 KB 2767 GR ELEVEN BAR
 104 2781 DF 2767 GR P API 33-087-00010 00
 105 SPUD 10/07/1966 COMP 11/28/1966 ROTARY D&A-G
 107 OTD 11530 FM/TO 203RDRV
 40101 DST 01 11294-11346 203RDRV CUSH 3341 WTR 002
 40131 FINAL OP 2415M IFF 1938 FFP 3667 BHT 252F
 40201 DST 02 11362-11430 203RDRV CUSH 3435 WTR 5003
 40231 FINAL OP 2H IFF 1614 FFP 1578 BHT 250F
 40301 DST 03 11444-11530 203RDRV CUSH 3540 WTR 004
 40331 FINAL OP 3430M IFF 2227 FFP 4523 BHT 256F

70

33 N 136 W 101 23 10002 0465807710333437 0465823210333317
 10010 087 00011273 3780050 911203RDRV 11590867
 10021 THP N 136 RGE W 101 SEC 23 055TH PRINCIPAL
 101 NOK SLOPE A 900 FNL 1800 FNL NE NW WF WF
 102 MOUNT H L 3 MPRR-A
 103 2368 KB 2855 GR WILDCAT
 104 2652 DF 2852 GR P API 33-087-00011 00
 105 SPUD 03/13/1967 COMP 05/04/1967 ROTARY D&A-06

71

ROW	INDEX
A	33 N 130 W 106 17
B	33 N 131 W 104 16
C	33 N 131 W 104 23
D	33 N 131 W 104 27
E	33 N 132 W 75 12
F	33 N 133 W 76 36
G	33 N 133 W 98 6
H	33 N 135 W 92 12
I	33 N 135 W 131 10
J	33 N 135 W 101 21
K	33 N 136 W 99 18
L	33 N 136 W 100 12
M	33 N 136 W 101 9



ROW	INDEX
A	33 N 129 W 102
B	33 N 129 W 102
C	33 N 129 W 103
D	33 N 129 W 104
E	33 N 129 W 104
F	33 N 129 W 106
G	33 N 130 W 102
H	33 N 130 W 102
I	33 N 130 W 102
J	33 N 130 W 103
K	33 N 130 W 104
L	33 N 130 W 104
M	33 N 130 W 104

33 N 136 W 101 23 107 DTD 11590 FM/TO 203RDRV
 40101 DST 01 10192-10245 3060PRW CUSH 2200 WTR S002
 40131 FINAL OP 4H IFF 1498 FFP 3989 BHT 270F 10218
 40201 DST 02 11368-11384 203RDRV CUSH 3000 WTR S004
 40231 FINAL OP 4H IFF 1736 FFP 4344 BHT 244F
 40301 DST 03 11426-11487 203RDRV CUSH 3000 WTR S006
 40331 FINAL OP 4H IFF 1394 FFP 1552
 40401 DST 04 11498-11567 203RDRV CUSH 3000 WTR S008
 40431 FINAL OP 4H IFF 1937 FFP 4858

33 N 136 W 101 23 10002 0465723710333796 0465703310333651
 10010 087 00081273 655205 110203RDRV 203RDRV 11510378
 10021 TWP N 136 RGE W 101 SEC 23 055TH PRINCIPAL
 101 NDAC STARK A 1320 FSL 1000 FWL @12 SW WFO 72
 102 PATRICK PET-WXC 1 GPE-BN
 103 2810 KB 2792 GR WILDCAT
 104 2808 DF 2800 P API 33 087 00081 00
 105 SPUD 12/02/1976 COMP 01/01/1978 ROTARY OIL
 107 DTD 11510 FM/TO 203RDRV
 20102 203RDRV PERF 11453-11456 008
 40101 DST 01 11249-11296 203RDRV 11272 002
 40131 FINAL OP 2H IFF 1676 FFP 1839 BHT 258F
 40201 DST 02 11359-11390 203RDRV S003
 40231 FINAL OP 2H IFF 1822 FFP 2013 BHT 258F
 40301 DST 03 11398-11441 203RDRV S004
 40331 FINAL OP 1H30M IFF 1666 FFP 1753 BHT 259F
 40401 DST 04 11430-11510 203RDRV S005
 40410 GAS TS IN 1H30M /10 FT FLARE/
 40431 FINAL OP 0H30M IFF 1683 FFP 1683 BHT 262F
 50102 203RDRV PERF 11453-11456 007

33 N 137 W 92 15 10002 0466792610227311 0466799110227097
 10010 089 00022273 8900551 110203RDRV 203RDRV 10426J66
 10021 TWP N 137 RGE W 92 SEC 15 055TH PRINCIPAL
 101 NDAC STARK A 1980 FSL 1980 FEL @14 SW WFO 73
 102 TEXACO INC 1 ADAM SCHANK NCT-1
 103 2324 KB 23 0 GR WILDCAT
 104 2321 ES 2310 GR P LSE NO 1687 API 33-089- 07022 00
 105 SPUD 08/12/1966 COMP 11/09/1966 ROTARY OIL
 107 DTD 10425 LTD 10426 FM/TO 203RDRV
 20102 203RDRV PERF JET W/ 2/FT 10216-10226 015
 40101 DST 01 7535- 7630 351MDSM 002
 40131 FINAL OP 3H IFF 363 FFP 1279 BHT 162F
 40201 DST 02 8875- 9035 3060PRW 003
 40231 FINAL OP 1H30M IFF 668 FFP 1279 BHT 176F
 40301 DST 03 9567- 9676 2511RLK 004
 40331 FINAL OP 1H IFF 2117 FFP 4230 BHT 186F
 40401 DST 04 10180-10230 203RDRV CUSH 2217 WTR S005
 40431 FINAL OP 2H30M IFF 1153 FFP 1540 BHT 200F
 40501 DST 05 10232-10292 203RDRV CUSH 2286 WTR 006
 40531 FINAL OP 2H45M IFF 1060 FFP 1135 BHT 195F

33 N 137 W 92 15 40601 DST 06 10296-10392 203RDRV CUSH 2292 WTR S007
 40631 FINAL OP 1H30M IFF 1091 FFP 1253 BHT 208F
 50102 203RDRV PERF JET W/ 2/FT 10216-10226 009
 50202 203RDRV PERF JET W/ 2/FT 10216-10226 010
 50302 203RDRV PERF JET W/ 2/FT 10216-10226 011
 50402 203RDRV PERF 10216-10226 012
 50502 203RDRV PERF 10216-10226 013
 50602 203RDRV PERF 10216-10226 014

33 N 137 W 92 23 10002 0466626010225934 0466637810225724
 10010 089 00025273 9700 8900510 910203RDRV 110429167
 10021 TWP N 137 RGE W 92 SEC 23 055TH PRINCIPAL
 101 NDAC STARK A 1320 FSL 1420 FWL C SW WFO
 102 TEXACO INC 2 ADAM SCHANK NCT-1
 103 2345 KB 2330 GR BUFFALO CREEK
 104 2328 ES 2330 GR P LSE NO 1687 API 33-089- 00025 00
 105 SPUD 11/17/1966 COMP 12/31/1966 ROTARY OIL
 107 DTD 10425 LTD 10426 FM/TO 203RDRV
 40101 DST 01 7470- 7567 352MSMC 002
 40131 FINAL OP 1H30M IFF 300 FFP 633 BHT 165F
 40201 DST 02 9465- 9552 2511RLK CUSH 961 WTR 003
 40231 FINAL OP 1H IFF 1279 FFP 1279 BHT 176F

33 N 137 W 92 15 40601 DST 06 10296-10392 203RDRV CUSH 2292 WTR S007
 40631 FINAL OP 1H30M IFF 1091 FFP 1253 BHT 208F
 50102 203RDRV PERF JET W/ 2/FT 10216-10226 009
 50202 203RDRV PERF JET W/ 2/FT 10216-10226 010
 50302 203RDRV PERF JET W/ 2/FT 10216-10226 011
 50402 203RDRV PERF 10216-10226 012
 50502 203RDRV PERF 10216-10226 013
 50602 203RDRV PERF 10216-10226 014

33 N 137 W 92 23 10002 0466626010225934 0466637810225724
 10010 089 00025273 9700 8900510 910203RDRV 10429167
 10021 TWP N 137 RGE W 92 SEC 23 055TH PRINCIPAL
 101 NDAK STARK A 1320 FSL 1420 FWL C SW NW WF
 102 TEXACO INC 2 ADAM STARK ACT-1
 103 2345 KB 2330 GR BUFFALO CREEK
 104 2338 ES 2330 CR P LSE NO 1687 API 33-089- 00025 00
 105 SPUD 11/17/1966 COMP 12/31/1966 ROTARY O&A-G
 107 DTD 10425 LTD 10429 FM/TO 203RDRV
 40101 DST 01 7470- 7567 352MSMC 002
 40131 FINAL OP 1H30M IFF 190 FFP 633 BHT 165F
 40201 DST 02 9460- 9530 2511RLK CUSH 961 WTR 003
 40231 FINAL OP 1H IFF 2472 FFP 4122 BHT 200F
 40301 DST 03 10198-10230 203RDRV CUSH 2000 WTR S007
 40331 FINAL OP 2H10M IFF 1116 FFP 2229
 40401 DST 04 STRD 10150-10192 203RDRV CUSH 2000 WTR 008
 40431 FINAL OP 1H15M IFF 78 FFP 153

33 N 137 W 92 26 10002 0466641310225615 04666524210225334
 10010 089 00208273 2590250 901203RDRV 10428077
 10021 TWP N 137 RGE W 92 SEC 26 055TH PRINCIPAL
 101 NDAK STARK A 1825 FSL 2125 FWL NE SE NW WF WF
 102 ENERGETICS INC 1 MARTIN EELZER
 103 2357 KB 2345 GR WILDCAT
 104 2357 DF 2345 GR P LSE NO API 33-089- 00208-00
 105 SPUD 08/21/1977 COMP 10/08/1977 ROTARY O&A-G
 107 DTD 10428 FM/TO 203RDRV
 40101 DST 01 5750- 5861 002
 40131 FINAL OP 1H IFF 160 FFP 290 BHT 114F
 40201 DST 02 7320- 7373 353CRLS3 003
 40231 FINAL OP 1H IFF 106 FFP 156 BHT 154F
 40301 DST 03 7710- 7752 353CRLS3 S004
 40331 FINAL OP 1H IFF 787 FFP 1709 BHT 160F
 40401 DST 04 10216-10243 203RDRV CUSH 2500 S005
 40402 OVERLAPS 203RDRV
 40431 FINAL OP 1H IFF 1869 FFP 2759 BHT 190F

33 N 137 W 95 22 10002 0466644210265580 0466641010265288
 10010 089 00133273 1670550 901203RDRV 11430273
 10021 TWP N 137 RGE W 95 SEC 22 055TH PRINCIPAL
 101 NDAK STARK A 1980 FSL 1980 FWL NE SW NW WF WF
 102 CONTINENTAL OIL 1 FEINER-ANGER

33 N 137 W 95 22 103 2717 KB 2704 GR WILDCAT
 104 2704 DF 2692 GP P LSE NO API 33-089- 00133-00
 105 SPUD 12/27/1972 COMP 02/16/1973 ROTARY O&A-G
 107 DTD 11430 LTD 11424 FM/TO 203RDRV
 40101 DST 01 8500- 8363 353CRLS 002
 40102 OVERLAPS 203RDRV
 40131 FINAL OP 1H30M IFF 125 FFP 542 BHT 160F WEAR BLOW
 40201 DST 02 11122-11171 203GNTN 003
 40231 FINAL OP 1H30M IFF 1223 FFP 1261 WEAR BLOW
 40301 DST 03 11280-11360 203RDRV S004
 40331 FINAL OP 2H IFF 1645 FFP 3823

33 N 137 W 95 29 10002 0466639110269821 0466639010269443
 10010 089 00027273 9999950 910353FRBG 8669267
 10021 TWP N 137 RGE W 95 SEC 29 055TH PRINCIPAL
 101 NDAK STARK A 1980 FSL 1980 FWL NE SW NW WF WF
 102 PEL TEX & CONTINENTAL 1 BTEL-DRETS
 103 2012 KB 2001 GR WILDCAT

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 679

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 137 W 95 22 103 2717 KB 2704 GR WILDCAT
 104 2704 DF 2692 GR P LSE NO API 33-089- 00133-00
 105 SPUD 12/27/1972 COMP 02/16/1973 ROTARY D&A-G
 107 DTD 11430 LTD 11424 FM/TO 203RDRV
 40101 DST 01 8300- 8363 353CRLS 002
 40102 OVERLAPS 354RCLF
 40131 FINAL OP 1H30M IFF 125 FFP 542 BHT 160F WEAK BLOW
 40201 DST 02 1122-11171 203GNTN 003
 40231 FINAL OP 1H30M IFF 1223 FFP 1261 WEAK BLOW
 40301 DST 03 11280-11360 203RDRV 5004
 40331 FINAL OP 2H IFF 1645 FFP 3823

33 N 137 W 95 29 10002 0466539110269821 0466539010269443
 10010 089 00027273 9999950 910353FRBG 8669267
 10021 TWP N 137 RGE W 95 SEC 29 055TH PRINCIPAL
 101 NDAK STARK A 1980 FNL 1980 FNL SE NW 1/4 WF
 102 PEL TEX & CONTINENTAL 1 BIEL-BREWS
 103 2813 KB 2801 GR WILDCAT
 104 2811 ES 2801 GR P API 33-089- 00027 00
 105 SPUD 11/22/1966 COMP 12/16/1966 ROTARY D&A-0
 107 DTD 8665 LTD 8669 FM/TO 353FRBG
 40101 DST 01 8418- 8450 354RCLF 002
 40131 FINAL OP 2H30M IFF 80 FFP 354 BHT 198F
 40201 DST 02 8463- 8510 353MIDL 5004
 40202 OVERLAPS 353MSSN
 40231 FINAL OP 2H30M IFF 67 FFP 354 BHT 199F

33 N 137 W 99 9 10002 0466893510317550 0466867310317396
 10010 089 01192273 9277050 900353FRBG 9070176
 10021 TWP N 137 RGE W 99 SEC 9 055TH PRINCIPAL
 101 NDAK STARK A 660 FSL 1980 FEL C SW SE WF WF
 102 WAINWATER 34-9 0E
 103 2702 KB 2691 GR WILDCAT
 104 2701 DF 2691 GR P LSE NO API 33-089- 01192-00
 105 SPUD 12/10/1975 COMP 01/11/1976 ROTARY D&A
 107 DTD 9070 FM/TO 353FRBG
 40101 DST 01 7940- 8081 402TYLR 8010 002
 40131 FINAL OP 2H IFF 241 FFP 266 BHT 210F
 40201 DST 02 9025- 9037 353FRBG 003
 40231 FINAL OP 2H IFF 1070 BHT 216F

33 N 137 W 100 2 10002 0467146010326504 0467155710326387
 10010 007 00145273 73380 4874051 110353FRBG 353FRBG 9255472
 10021 TWP N 137 RGE W 100 SEC 2 055TH PRINCIPAL
 101 NDAK BILLINGS A 593 FNL 1961 FNL NW NE NW WF WFD
 102 LONE STAR PRODUCING 1 SCHWARTZ
 103 2821 KB 2810 GR ROCKY RIDGE
 104 2820 DF 2810 GR P LSE NO API 33-007- 00145-00
 105 SPUD 12/19/1971 COMP 03/09/1972 ROTARY OIL
 107 DTD 9255 FM/TO 353FRBG
 20102 353FRBG PERF W/ 2/FT 9134- 9156 GROSS 005

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 680

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 137 W 100 2 40101 DST 01 9100- 9155 352MSNC 5003
 40102 OVERLAPS 353FRBG
 40131 FINAL OP 2H IFF 90 FFP 275 BHT 230F

33 N 137 W 100 2 10002 0467113810325480 0467113310325467
 10010 007 00149273 73380 4874030 911203RDRV 12000972
 10021 TWP N 137 RGE W 100 SEC 2 055TH PRINCIPAL
 101 NDAK BILLINGS A 1730 FNL 900 FEL NW SE NE WD WD
 102 LONE STAR PRODUCING 1-B ALFRED SCHWARTZ
 103 2800 KB 2786 GR ROCKY RIDGE
 104 2794 DF 2782 GR P LSE NO API 33-007- 00149-00
 105 SPUD 07/30/1972 COMP 09/20/1972 ROTARY D&A-OG
 107 DTD 12000 FM/TO 203RDRV
 40101 DST 01 9068- 9118 352MSNC MISRUN 004
 40102 OVERLAPS 353MIDL
 40201 DST 02 9068- 9118 352MSNC 5005
 40202 OVERLAPS 353MIDL
 40231 FINAL OP 1H IFF 459 FFP 483 BHT 218F
 40301 DST 03 11740-11751 203RDRV 5006

33 N 131 W 104

33 N 131 W 105

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 680

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 137 W 100 2 40101 DST 01 9100- 9155 352MSMC 9/28 S003
 40102 OVERLAPS 353FRBG
 40131 FINAL OP 2H IFF 90 FFP 275 BHT 230F

33 N 137 W 100 2 10002 0467113810325480 0467113310325467
 10010 007 00149273 73380 4874030 911203RDRV 12000972
 10021 TWP N 137 RGE W 100 SEC 2 055TH PRINCIPAL
 101 NDAK BILLINGS A 1730 FSL 900 FEL C SW SE W 0
 102 LONE STAR PRODUCING 1-B ALFRED SCHWARTZ
 103 2800 KB 2786 GR ROCKY RIDGE
 104 2794 DF 2782 GR P LSE NO API 33-007- 00149-00
 105 SPUD 07/30/1972 COMP 09/20/1972 ROTARY D&A-0G
 107 DTD 12000 FM/TD 203RDRV
 40101 DST 01 9068- 9118 352MSMC MISRUN 004
 40102 OVERLAPS 353MIDL
 40201 DST 02 9068- 9118 352MSMC S005
 40202 OVERLAPS 353MIDL
 40231 FINAL OP 1H IFF 459 FFP 483 BHT 218F
 40301 DST 03 11740-11751 203RDRV S006
 40310 GAS TS IN 24M AT 900 MCFD
 40331 FINAL OP 1H IFF 228 FFP 492 BHT 225F
 40401 DST 04 11888-11908 203RDRV 007
 40431 FINAL OP 1H IFF 1628 FFP 3966 BHT 258F

C 36.9°C/hr C

80

33 N 131 W 104

33 N 131 W 105

33 N 137 W 100 9 10002 0466891810330234 0466865610330076
 10010 007 00166273 73380 2723060 9113540TTR 8341275
 10021 TWP N 137 RGE W 100 SEC 9 055TH PRINCIPAL
 101 NDAK BILLINGS A 660 FSL 1980 FEL C SW SE W 0
 102 FARMERS UNION EXCHANGE 15-9 FEDERAL
 103 2932 KB 2920 GR ROCKY RIDGE
 104 2941 DF 2931 GR P LSE NO API 33-007- 00166-00
 105 SPUD 01/14/1975 COMP 02/03/1975 ROTARY D&A-0G
 107 DTD 8341 FM/TD 3540TTR
 40101 DST 01 8154- 8235 402TYLR 8194 S002
 40131 FINAL OP 1H IFF 364 FFP 590 BHT 222F

C 39.4°C/hr C

81

33 N 131 W 105

33 N 137 W 100 10 10002 0466889810329149 0466900610329000
 10010 007 00137273 73380 2723060 9113540TTR 8285K69
 10021 TWP N 137 RGE W 100 SEC 10 055TH PRINCIPAL
 101 NDAK BILLINGS A 660 FSL 660 FEL C SW SE W 0
 102 FARMERS UNION EXCHANGE 14-10 FEDERAL
 103 2913 KB ROCKY RIDGE
 104 2914 DF 2906 GR P API 33-007- 00137 00
 105 SPUD 11/04/1969 COMP 11/26/1969 ROTARY D&A-0G
 107 DTD 8285 FM/TD 3540TTR
 40101 DST 01 8151- 8185 402TYLR 8168 S002
 40131 FINAL OP 1H IFF 210 FFP 256 BHT 210F

C 36.8°C/hr C

82

33 N 131 W 106

33 N 137 W 100 13 10002 0466777110324775 0466748510324563
 10010 007 00196273 73380 4874010 9003540TTR 8190577
 10021 TWP N 137 RGE W 100 SEC 13 055TH PRINCIPAL

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 681

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 137 W 100 13 101 NDAK BILLINGS A 1720 FSL 1100 FSL SE NW SW W 0 W 0
 102 ENSERCH EXPL 1 WOG STATE
 103 2801 KB 2791 GR ROCKY RIDGE
 104 API 33 007 00196 00
 105 SPUD 01/13/1977 COMP 02/05/1977 ROTARY D&A
 107 DTD 8190 FM/TD 3540TTR
 40101 DST 01 STPD 7959- 8079 419MMLS 004
 40102 OVERLAPS 402TYLR
 40131 FINAL OP 0H30M IFF 74 FFP 74 BHT 190F

33 N 132 W 75

33 N 137 W 100 25 10002 0466456510323904 0466463810323750
 10010 007 00136273 73380 7850510 9103540TTR 8170J69
 10021 TWP N 137 RGE W 100 SEC 25 055TH PRINCIPAL
 101 NDAK BILLINGS A 660 FSL 1980 FEL C SW SE W 0 W 0
 102 SHELL OIL 34-25 GUST WOG
 103 2835 KB 2824 GR UNNAMED
 104 2834 DF 2824 GR API 33-007- 00136 00
 105 SPUD 10/25/1969 COMP 11/19/1969 ROTARY D&A-0

33 N 132 W 75

06/08/78

PETROLEUM INFORMATION CORP

F 5

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 137 W 100 13 101 NDAK BILLINGS A 1720 FSL 1100 FWL SE NW SW MO MO
 102 ENSENERO OIL 1 MOB SUMMIT
 103 2801 KB 2791 GR ROCKY RIDGE
 104 API 33-007-00196-00
 105 SPUD 01/13/1977 COMP 02/05/1977 ROTARY D&A
 107 DTD 8190 FM/TO 3540TTR
 40101 DST 01 STRD 7959- 8079 419MMLS
 40102 OVERLAPS 402TYLR
 40131 FINAL OP 0430M IFF 74 FFP 74 BHT 190F

83

33 N 132 W 75

33 N 137 W 100 25 10002 0466456510323904 0466463810323730
 10010 007 00136273 99999 7850510 9103540TTR 8170J69
 10021 TWP N 137 RGE W 100 SEC 25 055TH PRINCIPAL
 101 NDAK BILLINGS A 660 FSL 1980 FEL C SW SE MO MO
 102 SHELL OIL 34-25 GUST HOB
 103 2835 KB 2824 GR UNNAMED
 104 2834 DF 2824 GR P API 33-007-00136-00
 105 SPUD 10/25/1969 COMP 11/19/1969 ROTARY D&A-0
 107 DTD 8170 FM/TO 3540TTR
 40101 DST 01 7950- 8010 419MMLS 7980 S002
 40102 OVERLAPS 354METH
 40131 FINAL OP 1H IFF 117 FFF 210 BHT 217F

84

33 N 132 W 75

39.3 °C/hm

33 N 137 W 100 26 10002 0466559410327054 0466570910326911
 10010 007 G0132273 73380 7850510 9013540TTR 8313K68
 10021 TWP N 137 RGE W 100 SEC 26 055TH PRINCIPAL
 101 NDAK BILLINGS A 810 FNL 660 FWL NW NW MO MO
 102 SHELL OIL 11-26 AMERICAN LUTHERAN
 103 2887 KB 2875 GR ROCKY RIDGE
 104 2885 ES 2875 GR P API 33-007-00132-00
 105 SPUD 08/12/1968 COMP 09/07/1968 ROTARY D&A-G
 107 DTD 8313 FM/TO 3540TTR
 40101 DST 01 STRD 8084- 8224 354METH MISRUN 002
 40201 DST 1A STRD 8114- 8148 354METH 8131 S003
 40231 FINAL OP 1H06M IFF 242 FFP 1805 BHT 230F

85

33 N 133 W 75

41.4 °C/hm

33 N 137 W 100 26 10002 0466573610326533 0466550110326385
 10010 007 06159273 73380 2723040 9113540TTR 8260J74
 10021 TWP N 137 RGE W 100 SEC 26 055TH PRINCIPAL
 101 NDAK BILLINGS A 535 FNL 1980 FWL N2 NE NW HP HP
 102 FARMERS OIL EXCHANGE 3-26 AMERICAN LUTHERAN CH
 103 2872 KB 2861 GR ROCKY RIDGE
 104 2862 DF 2851 GR P LSE NO API 33-007-00159-00
 105 SPUD 10/23/1974 COMP 11/09/1974 ROTARY D&A-0G
 107 DTD 8260 LTD 8257 FM/TO 3540TTR
 40101 DST 01 8062- 8143 402TYLR 8102 S002
 40131 FINAL OP 1H IFF 448 FFP 960 BHT 232F

86

33 N 133 W 76

42.1 °C/hm

33 N 137 W 100 27 10002 0466562610328108 0466575510327943
 10010 007 00143273 73380 1310040 9103540TTR 8250571
 10021 TWP N 137 RGE W 100 SEC 27 055TH PRINCIPAL

33 N 133 W 75

06/02/78

PETROLEUM INFORMATION CORP

F 5

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 137 W 100 27 101 NDAK BILLINGS A 660 FNL 1980 FEL C NW NE HP HP
 102 CARDINAL PET&WISER OIL 2-27 AMERICAN LUTHERAN
 103 2901 KB 2897 GP ROCKY RIDGE
 104 2904 DF 2894 GR P API 33-007-00143-00
 105 SPUD 03/24/1971 COMP 04/07/1971 ROTARY D&A-0
 107 DTD 8250 LTD 8250 FM/TO 3540TTR
 40101 DST 01 8060- 8113 354METH S002
 40131 FINAL OP 2H IFF 47 FFP 94 BHT 195F

33 N 133 W 76

33 N 137 W 100 26 10002 0466413210323444 0466425310323266
 10010 007 00125273 73380 7850551 1103540TTR 354METH 8155M69
 10021 TWP N 137 RGE W 100 SEC 36 055TH PRINCIPAL
 101 NDAK BILLINGS A 820 FNL 820 FEL SW NE NE HP WOE
 102 SHELL OIL 41-36 STATE
 103 2828 GP ROCKY RIDGE
 104 2820 DF 2822 GP P API 33-007-00135-00
 105 SPUD 09/24/1969 COMP 12/08/1969 ROTARY OIL
 107 DTD 8155 FM/TO 3540TTR
 20102 354METH DEEP IFF 47 FFP 94 BHT 195F

33 N 133 W 76

33 N 137 W 100 27 101 NDAK BILLINGS A 660 FNL 1980 FEL C NW NE WP WP
 102 CARDINAL PETWISER OIL 2-27 AMERICAN LUTHERAN
 103 2901 KB 2897 GR ROCKY RIDGE
 104 2904 DF 2894 GR P API 33-007- 00143 GO
 105 SPUD 03/24/1971 COMP 04/07/1971 ROTARY O&A-0
 107 DTD 8250 LTD 8250 FM/TO 3540TTR
 40101 DST 01 8060- 8113 354METH S002
 40131 FINAL OP 2H IFF 47 FFP 94 BHT 195F

87

33 N 133 W 76

33 N 137 W 100 36 10002 0466413310323444 0466425310323266
 10010 007 00135273 73380 7850551 1103540TTR 354METH 8155K69
 10021 TWP N 137 RGE W 100 SEC 36 055TH PRINCIPAL
 101 NDAK BILLINGS A 820 FNL 820 FEL SW NE NE WF WOE
 102 SHELL OIL 41-36 STATE
 103 2822 GR ROCKY RIDGE
 104 2830 DF 2822 GR P API 33-007- 00135 00
 105 SPUD 09/24/1969 COMP 12/08/1969 ROTARY OIL
 107 DTD 8155 FM/TO 3540TTR
 20102 354METH PERF JET W/ 2/FT 8034- 8050 015
 40101 DST 01 7958- 8002 354METH MISRUN 003
 40201 DST 02 7955- 8022 354METH MISRUN 005
 40301 DST 03 8030- 8058 354METH S007
 40310 GAS TS IN 0427H TSTH 8044
 40331 FINAL OP 1H IFF 817 FFP 2235 BHT 218F
 50102 354METH PERF JET W/ 2/FT 8034- 8050 012
 50202 354METH PERF JET W/ 2/FT 8034- 8050 013
 50302 354METH PERF JET W/ 2/FT 8034- 8050 014

88

33 N 133 W 92

39.2 °C/lm

33 N 133 W 98

33 N 137 W 100 36 10002 0466420510324431 0466428810324268
 10010 007 00140273 73380 7850561 1103540TTR 354METH 8233670
 10021 TWP N 137 RGE W 100 SEC 36 055TH PRINCIPAL
 101 NDAK BILLINGS A 660 FNL 1980 FNL C NE NW D DO
 102 SHELL OIL 21-36 STATE
 103 2825 KB ROCKY RIDGE
 104 2824 DF 2814 GR P API 33-007- 00140 00
 105 SPUD 02/07/1970 COMP 06/16/1970 ROTARY OIL
 107 DTD 8233 PB 8148 FM/TO 3540TTR
 20102 354METH PERF W/ 2/FT 8019- 8048 014
 40101 DST 01 8016- 8059 354METH REVOUTS006
 40110 GAS TS IN 0445M PRE-OPEN 8038
 40131 FINAL OP 0415M IFF 958 FFP 1163 BHT 222F
 50102 354METH PERF W/ 2/FT 8019- 8048 009
 50202 354METH PERF W/ 2/FT 8019- 8048 010
 50302 354METH PERF W/ 2/FT 8019- 8048 011
 50402 354METH PERF W/ 2/FT 8019- 8048 012
 50502 354METH PERF W/ 2/FT 8019- 8048 013

89

40.1 °C/lm

33 N 133 W 98

33 N 137 W 104 9 10002 0466998310380104 0466992710379943
 10010 033 00048273 1124550 900353FRBG 9050178
 10021 TWP N 137 RGE W 104 SEC 9 055TH PRINCIPAL
 101 NDAK BLON VAL A 816 FNL 636 FEL SE NE NE WF WF

90

33 N 137 W 104 9 102 BRWIL WLLC ARMSTRG&BNDR 9-41 NIEMANN RANCH
 103 2696 KB 2683 GR WILDCAT
 104 2693 DF 2683 GR P LSE NO API 33-033- 00048-00
 105 SPUD 11/27/1977 COMP 01/11/1978 ROTARY O&A
 107 DTD 9050 FM/TO 353FRBG
 40101 DST 01 8480- 8618 002
 40131 FINAL OP 2H IFF 420 FFP 825 BHT 218F
 40201 DST 02 8720- 8788 353FRBG MISRUN 003
 40301 DST 03 8715- 8793 353FRBG 004
 40331 FINAL OP 3H IFF 526 FFP 1534

33 N 133 W 98

33 N 133 W 102

33 N 138 W 100 28 10002 0467437410331180 0467448610331132
 10010 007 00142273 5480050 911353FRBG 9300171
 10021 TWP N 138 RGE W 100 SEC 88 055TH PRINCIPAL
 101 NDAK BILLINGS A 570 FNL 780 FNL NE NW NW WF WF
 102 MIAMI OIL PRODUCERS 1 AMANDA BAASCH
 103 2739 KB 2724 GR FRYBURG
 104 2724 DF 2724 GR P API 33-007- 00142 00

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 137 W 104 9 102 BRWAL LLC ARMSTRONG ANDR 9-41 NIEMANN RANCH
 103 2696 KB 2683 GR WILDCAT
 104 2693 DF 2683 GR P LSE NO API 33-033- 00048-00
 105 SPUD 11/27/1977 COMP 01/11/1978 ROTARY D&A
 107 DTD 9050 FM/TO 353FRBG
 40101 DST 01 8480- 8618 8549 002
 40131 FINAL OP 3H IFF 420 FFP 825 BHT 218F
 40201 DST 02 8720- 8788 353FRBG HISRUN 003
 40301 DST 03 8715- 8793 353FRBG 004
 40331 FINAL OP 3H IFF 526 FFP 1534

036.9°C/hm

33 N 133 W 98
33 N 133 W 102

33 N 138 W 100 28 10002 0467437410331180 0467448610331132
 10010 007 00142273 5480050 911353FRBG 9300171
 10021 TWP N 138 RGE W 100 SEC 28 055TH PRINCIPAL
 101 NDAX BILLINGS A 570 FNL 780 FNL NE NW WF WF
 102 MIAMI OIL PRODUCERS 1 ARANDA BRASCH
 103 2739 KB 2724 GR FRYBURG
 104 2734 DF 2724 GR P API 33-007- 00142 00
 105 SPUD 12/22/1970 COMP 01/24/1971 ROTARY O&A-OG
 107 DTD 9300 LTD 9297 FM/TO 353FRBG
 40101 DST 01 9152- 9219 353FRBG 9186 S002
 40102 OVERLAPS 352MSNC
 40110 GAS TS IN 0425M NO GAUGE
 40131 FINAL OP 3H30M IFF 281 FFP 276 BHT 225F

035.7°C/hm

33 N 134 W 90

33 N 138 W 100 31 10002 0467217310333841 0467232910333781
 10010 007 00144273 3780050 910353FRBG 9302K71
 10021 TWP N 138 RGE W 100 SEC 31 055TH PRINCIPAL
 101 NDAX BILLINGS A 1980 FSL 666 FEL W2 NE SE WF WF
 102 HUNT LAMAR 1 OSA-BERRYCK
 103 2865 KB WILDCAT
 104 API 33-007- 00144 00
 105 SPUD 10/23/1971 COMP 11/20/1971 ROTARY D&A-0
 107 DTD 9302 FM/TO 353FRBG
 40101 DST 1A 9210- 9255 353FRBG 9235 HISRUN 002
 40201 DST 01 9215- 9255 353FRBG S003
 40231 FINAL OP 2H IFF 146 FFP 584 BHT 234F

037.3°C/hm

33 N 138 W 101 24 10002 0467545210336938 0467548710336991
 10010 007 07002273 9999950 911352MSNC 9260567
 10021 TWP N 138 RGE W 101 SEC 24 055TH PRINCIPAL
 101 NDAX BILLINGS A 1822 FNL 2135 FNL SE NW WF WF
 102 FLORENCE OIL 2 GOVT
 103 2732 KB 2720 GR WILDCAT
 104 2727 DF 2717 GR P API 33-007- 07002 00
 105 SPUD 10/27/1966 COMP 11/25/1966 ROTARY D&A-OG
 107 DTD 9260 FM/TO 352MSNC
 40101 DST 01 9179- 9190 353CRLS CUSH 1200 WTR S002
 40102 OVERLAPS 352MSNC
 40131 FINAL OP 1H IFF 554 FFP 640 BHT 232F

037.1°C/hm

33 N 134 W 95

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 138 W 102 1 10002 0467912110349099 0467883410349067
 10010 007 00152273 1310050 901354OTTR 8147475
 10021 TWP N 138 RGE W 102 SEC 1 055TH PRINCIPAL
 101 NDAX BILLINGS A 736 FSL 1984 FEL SW SE WF WF
 102 CARONAL PETROLEUM 15-1 BURLINGTON NORTHERN
 103 2641 KB 2630 GR WILDCAT
 104 API 33 007 00152 00
 105 SPUD 05/27/1973 COMP 06/07/1973 ROTARY D&A-G
 107 DTD 8136 LTD 8147 FM/TO 354OTTR
 40101 DST 01 7985- 8136 402TYLR S002
 40131 FINAL OP 1H45M IFF 459 FFP 1443 BHT 214F

33 N 135 W 92

33 N 138 W 104 16 10002 0467612910381194 0467618510380977
 10010 033 00017273 3780050 911351MSDN 9250J68
 10021 TWP N 138 RGE W 104 SEC 16 055TH PRINCIPAL
 101 NDAX GLOM VAL A 660 FSL 1980 FNL C SE SW WF WF
 102 HUNT LAMAR 1 KANNENBERG-STATE
 103 2828 KB 2816 GR WILDCAT
 104 2817 ES 2809 GR P API 33-033- 00017 00
 105 SPUD 09/03/1968 COMP 10/02/1968 ROTARY D&A-OG
 107 DTD 8250

33 N 138 W 102 1 10002 0467912110349099 0467883410349067
 10010 007 00152273 1310050 9013540TTR 8147475
 10021 TWP N 138 RGE W 102 SEC 1 055TH PRINCIPAL
 101 NDAK BILLING A 736 FSL 1984 FEL SW SE NW WF 94
 102 CARONAL PETROLEUM 15-1 BURLINGTON-NORTHERN
 103 2641 KB 2630 GR WILDCAT
 104 API 33 007 00152 00
 105 SPUD 05/23/1973 COMP 06/07/1973 ROTARY D&A-G
 107 DTD 8136 LTD 8147 FM/TO 3540TTR
 40101 DST 01 7985- 8136 402TYLR 8060 S002
 40131 FINAL OP 1445H IFF 459 FFP 1443 BHT 214F

38.2 °C/hm

33 N 138 W 104 16 10002 0467612910381194 0467618510380977
 10010 033 00017273 3780050 911351MDSN 9250J68
 10021 TWP N 138 RGE W 104 SEC 16 055TH PRINCIPAL
 101 NDAK GLOM VAL A 660 FSL 1980 FHL SE SW NE WF 95
 102 HUNT CARR 1 KANNEBERG-STATE
 103 2828 KB 2816 GR WILDCAT
 104 2817 ES 2809 GR P API 33-033-00017 00
 105 SPUD 09/03/1968 COMP 10/02/1968 ROTARY D&A-06
 107 DTD 9250 FM/TO 351MDSN
 40101 DST 01 8746- 8780 351MDSN CUSH 1000 WTR 002
 40131 FINAL OP 3H IFF 492 FFP 515 BHT 210F
 40201 DST 02 8892- 8920 351MDSN CUSH 1060 WTR S003
 40210 GAS TS IN 1MDSM 5 FT FLARE
 40231 FINAL OP 3H IFF 536 FFP 862
 40301 DST 03 8952- 8972 351MDSN CUSH 1000 WTR 004
 40331 FINAL OP 3H IFF 608 FFP 1237 BHT 218F STRNG BLOW
 40401 DST 04 9182- 9198 351MDSN CUSH 1000 WTR 005
 40431 FINAL OP 2H IFF 1543 FFP 3418

35.2 °C/hm

33 N 138 W 104 21 10002 0467545310381183 0467544610380976
 10010 033 00040273 9026050 911352MSNC 9219075
 10021 TWP N 138 RGE W 104 SEC 21 055TH PRINCIPAL
 101 NDAK GLOM VAL A 1980 FHL 1980 FHL SE NW WF WF 96
 102 TRUE OIL 22-21 TRESTER
 103 2778 KB 2768 GR WILDCAT
 104 2780 DF 2768 GR P LSE NO API 33-033- 00040-00
 105 SPUD 09/05/1975 COMP 10/06/1975 ROTARY D&A-06
 107 DTD 9218 LTD 9218 FM/TO 352MSNC
 40101 DST 01 7844- 7871 402TYLR 7858 002
 40131 FINAL OP 2H IFF 1893 FFP 3132 BHT 222F
 40201 DST 02 8842- 8872 353CRLS 8857 S003
 40231 FINAL OP 2H IFF 108 FFP 135 BHT 222F
 40301 DST 03 8894- 8927 353FRBG 8910 004
 40302 OVERLAPS 353CRLS
 40331 FINAL OP 2H IFF 1196 FFP 2413 BHT 232F
 40401 DST 04 9120- 9218 352MSNC 005
 40402 OVERLAPS 353FRBG
 40431 FINAL OP 1H IFF 1024 FFP 3975

41.0 °C/hm
 36.4
 38.2

33 N 138 W 104 23 10002 0467507710376941 0467507310376758
 10010 033 00039273 9026050 911352MSNC 9333975
 10021 TWP N 138 RGE W 104 SEC 23 055TH PRINCIPAL
 101 NDAK GLOM VAL A 1980 FSL 1980 FHL NE SW WF WF
 102 TRUE OIL 23-23 DEITY
 103 2809 KB 2796 GR WILDCAT
 104 2808 DF 2796 GR P LSE NO API 33-033- 00039-00
 105 SPUD 07/31/1975 COMP 09/02/1975 ROTARY D&A-06
 107 DTD 9333 LTD 9320 FM/TO 352MSNC
 40101 DST 01 8980- 9066 353FRBG S002
 40131 FINAL OP 1H IFF 1473 FFP 2248 BHT 230F
 40201 DST 02 8970- 8990 353FRBG MISPUN 003
 40301 DST 03 8970- 8990 353FRBG S004
 40331 FINAL OP 2H IFF 168 FFP 337

33 N 138 W 104 27 10002 0467362810378520 0467364010378375
 10010 033 00042273 9099950 911352MSNC 9170376
 10021 TWP N 138 RGE W 104 SEC 27 055TH PRINCIPAL
 101 NDAK GLOM VAL A 1980 FSL 1980 FEL NW SE WF WF
 102 SPOKEY OIL 27-27 DEITY

06/08/78

PETROLEUM INFORMATION CORP

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 138 W 104 23 10002 0467507710376941 0467507310376758
 10010 033 00039273 9026050 911352MSNC 9333975
 10021 TWP N 138 RGE W 104 SEC 23 055TH PRINCIPAL
 101 NDOK GLEN VAL A 1980 FSL 1980 FNL C NE SW NW WF
 102 TRUE OIL 23-23 DIETZ
 103 2808 KB 2796 GR WILDCAT
 104 2808 DF 2796 GR P LSE NO API 33-033- 00039-00
 105 SPUD 07/31/1975 COMP 09/02/1975 ROTARY D&A-0G
 107 DTD 9333 LTD 9320 FM/TO 352MSNC
 40101 DST 01 8980- 9066 353FRBG 9023 S002
 40131 FINAL OP 1H 1FP 1473 FFP 2248 BHT 230F MISRUN 003
 40201 DST 02 8970- 8990 353FRBG
 40301 DST 03 8970- 8990 353FRBG S004
 40331 FINAL OP 2H 4CM 1FP 168 FFP 337

97

37.4 °C/hr

33 N 135 W 101

33 N 135 W 101

33 N 138 W 104 27 10002 0467362810378520 0467364010378375
 10010 033 00042273 9999950 911352MSNC 9170376
 10021 TWP N 138 RGE W 104 SEC 27 055TH PRINCIPAL
 101 NDOK GLEN VAL A 1980 FSL 1980 FEL C NW SW NW WF
 102 SMOKE OIL 33-27 DIETZ
 103 2737 KB 2725 GR WILDCAT
 104 2735 DF 2725 GR P LSE NO API 33-033- 00042-00
 105 SPUD 01/26/1976 COMP 02/23/1976 ROTARY D&A-0G
 107 DTD 9170 FM/TO 352MSNC
 40101 DST 01 8946- 8873 353FRBG 8860 S002
 40102 OVERLAPS 352MSNC
 40131 FINAL OP 2H 1FP 555 FFP 1133 BHT 226F

98

37.2 °C/hr

33 N 135 W 101

33 N 139 W 94 3 10002 0468781810252913 0468770910252802
 10010 089 00196273 6764350 910351LDGP 8940K75
 10021 TWP N 139 RGE W 94 SEC 3 055TH PRINCIPAL
 101 NDOK STARK A 660 FSL 1980 FNL C SE SW NW WF
 102 PLACID OIL 1 MARTIN
 103 2450 KB 2439 GR WILDCAT
 104 2436 DF 2438 GR P LSE NO API 33-089- 00196-00
 105 SPUD 11/07/1975 COMP 12/06/1975 ROTARY D&A-0
 107 DTD 8940 FM/TO 351LDGP
 40101 DST 01 7447- 7586 402TYLR 002
 40102 OVERLAPS 3540TYLR
 40131 FINAL OP 1H 30M 1FP 502 FFP 956 BHT 178F
 40201 DST 02 8400- 8470 353CRLS S003
 40231 FINAL OP 1H 1FP 616 FFP 779 BHT 180F

99

33 N 139 W 96 29 10002 0468315410281058 0468311310281039
 10010 089 00160273 8900550 901359MSSP 8995977
 10021 TWP N 139 RGE W 96 SEC 29 055TH PRINCIPAL
 101 NDOK STARK A 660 FNL 660 FEL C NE NW NW WF
 102 TEXACO TAC 1 DONALD S BRAUN ETAL
 103 2530 KB 2517 GR WILDCAT
 104 API 33 089 00160 00
 105 SPUD 07/26/1974 COMP 09/27/1974 ROTARY D&A-G

100

06/08/78

PETROLEUM INFORMATION CORP

GEOTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 139 W 96 29 107 DTD 8995 LTD 8948 FM/TO 359MSSP
 40101 DST 01 7675- 7786 402TYLR S002
 40131 FINAL OP 1H 1FP 1342 FFP 2243 BHT 188F
 40201 DST 02 8582- 8615 353CRLS 003
 40231 FINAL OP 1H 1FP 22 FFP 22 BHT 170F

33 N 135 W 101

33 N 139 W 97 2 10002 0467760810288565 0468855210222004
 10010 089 00033273 16500 785244 110351MOSN 354METH 8890467
 10021 TWP N 139 RGE W 97 SEC 3 055TH PRINCIPAL
 101 NDOK STARK A 1994 FNL 1920 FNL SE NW NW WF
 102 SHELL OIL 22-2-2 C J STEFFAN
 103 2464 KB 2452 GP DICKINSON W
 104 2463 ES 2452 GR P API 33-089- 00033 00
 105 SPUD 01/28/1967 COMP 04/03/1967 ROTARY OIL
 107 DTD 8890 PB 7813 FM/TO 351MOSN
 20102 354METH PERF JET W/ 2/FT 7774- 7782 012
 40101 DST 01 7768- 7820 354METH MISRUN 002

33 N 135 W 101

33 N 139 W 96 29 107 DTD 8995 LTD 8948 FM/TO 359MSSP
 40101 DST 01 7675- 7786 402TYLR S002
 40131 FINAL OP 1H 1FP 1342 FFP 2243 BHT 188F
 40201 DST 02 8582- 8615 353CRLS 003
 40231 FINAL OP 1H 1FP 22 FFP 22 BHT 170F

33 N 139 W 97 2 10002 0468860810288565 0468859210299504
 10010 089 00033273 16500 7850511 110351MDSN 354HETH 8890467
 10021 TWP N 139 RGE W 97 SEC 2 055TH PRINCIPAL
 101 NOAK STARK A 1994 FNL 1920 FNL SE NW/40 WOE
 102 SHELL OIL 22-2-2 C J STEELE
 103 2464 KB 2452 GR DICKINSON W
 104 2463 ES 2452 GR P API 33-089- 00033 00
 105 SPUD 01/28/1967 COMP 04/03/1967 ROTARY OIL
 107 DTD 8890 PB 7813 FM/TO 351MDSN
 20102 354HETH PERF JET W 2/FT 7774- 7762 012
 40101 DST 01 7768- 7820 354HETH MISRUN 002
 40201 DST 02 8850- 8890 353FRBG S004
 40231 FINAL OP 1H35M 1FP 52 FFP 90 BHT 190F
 50102 354HETH PERF JET W 2/FT 7774- 7782 006
 50302 354HETH PERF JET W 2/FT 7774- 7762 007
 50402 354HETH PERF JET W 2/FT 7774- 7782 008
 50502 354HETH PERF JET W 2/FT 7774- 7782 009
 50602 354HETH PERF JET W 2/FT 7774- 7782 010
 50702 354HETH PERF JET W 2/FT 7774- 7782 011

33 N 139 W 97 3 10002 0468861110290631 0468862410290487
 10010 089 00036273 16500 7850560 900353FRBG 9070967
 10021 TWP N 139 RGE W 97 SEC 3 055TH PRINCIPAL
 101 NOAK STARK A 1980 FNL 1980 FNL SE NW/40 D
 102 SHELL OIL 22-3 PAZOUK
 103 2517 KB 2505 GR DICKINSON W
 104 2516 ES 2505 GR P API 33-089- 00036 00
 105 SPUD 03/28/1967 COMP 04/20/1967 ROTARY DBA
 107 DTD 9070 FM/TO 353FRBG
 40101 DST 01 9000- 9070 353FRBG 002
 40131 FINAL OP 1H07M 1FP 115 FFP 229 BHT 173F

33 N 139 W 97 7 10002 0468676210296935 0468671810296724
 10010 089 00185273 4450550 900351MDSN 9100977
 10021 TWP N 139 RGE W 97 SEC 7 055TH PRINCIPAL
 101 NOAK STARK A 1980 FSL 1880 FNL SE NW/40 W
 102 KERR-MCGEE CORP 1 JOHN J ADAMSKI ETUX
 103 2468 KB 2456 GR WILDCAT
 104 API 33 089 00185 00
 105 SPUD 06/28/1975 COMP 07/31/1975 ROTARY DBA
 107 DTD 9100 FM/TO 351MDSN
 40101 DST 01 7854- 7892 402TYLR 7873 002
 40131 FINAL OP 1H30M 1FP 1397 FFP 2673 BHT 219F

33 N 139 W 98 3 10002 0468855510303257 0468856210303096

0
0

0

0

103

40.3° C / km

33 N 139 W 98 3 10010 089 00116273 95000 7850560 9103540TTR 8249371
 10021 TWP N 139 RGE W 98 SEC 3 055TH PRINCIPAL
 101 NOAK STARK A 1980 FNL 1980 FNL C SE NW/40 D
 102 SHELL OIL 22-3 BURLINGTON NORTHERN
 103 2561 KB 2545 GR ZENITH
 104 2556 DF 2545 GR P API 33-089- 00116 00
 105 SPUD 02/06/1971 COMP 02/26/1971 ROTARY DBA-0
 107 DTD 8249 FM/TO 3540TTR
 40101 DST 01 8070- 8112 3540TTR S002
 40131 FINAL OP 1H30M 1FP 236 FFP 537 BHT 199F

33 N 139 W 98 4 10002 0468784110304306 0468761210304151
 10010 089 00111273 95000 9999961 110402TYLR 402TYLR 8149271
 10021 TWP N 139 RGE W 98 SEC 4 055TH PRINCIPAL
 101 NOAK STARK A 660 FSL 660 FEL C SE-SE D DO

06/08/78

PETROLEUM INFORMATION CORP

PAGE 687

SUB FILE GEOTHERMAL LISTING

33 N 139 W 98 3 10010 089 00116273 95000 7850560 9103540TTR 8249371
 10021 TWP N 139 RGE W 98 SEC 3 055TH PRINCIPAL
 101 NDAX STARK A 1980 FNL 1980 FNL SE NE NW D
 102 SHELL OIL 22-3 BURLINGTON-NORTHERN 104
 103 2561 KB 2545 GR ZENITH
 104 2555 DF 2545 GR P API 33-089- 00116 00
 105 SPUD 02/06/1971 COMP 02/26/1971 ROTARY O&A-0
 107 DTD 8249 FM/TO 3540TTR
 40101 DST 01 8070- 8112 3540TTR 8091 S002
 40131 FINAL OP 1H30M IFF 236 FFP 537 BHT 199F 0

33 N 139 W 98 4 10002 0468784110304306 0468781210304151
 10010 089 00111273 95000 9999961 110402TYLR 402TYLR 8149271
 10021 TWP N 139 RGE W 98 SEC 4 055TH PRINCIPAL
 101 NDAX STARK A 660 FSL 660 FEL SE SW D 00
 102 GOLDEN A G ETAL 1 JABLONSKY 105
 103 2523 KB 2507 GR ZENITH
 104 2524 DF 2510 GR P LSE NO API 33-089- 00111-00
 105 SPUD 11/10/1970 COMP 01/06/1971 ROTARY GIL
 107 DTD 8149 PB 8104 FM/TO 402TYLR
 20102 402TYLR PERF W/ 4/FT 8025- 8039 GROSS 005
 40101 DST 01 8040- 8148 402TYLR 002
 40131 FINAL OP 1H IFF 23 FFP 46 BHT 196F 0
 40201 DST 02 8000- 8148 402TYLR S003
 40210 GAS TS IN 1H15M 4 FT FLARE
 40231 FINAL OP 1H IFF 325 FFP 696 GOOD BLOW

33 N 139 W 98 5 10002 0468783510307625 0468764210307460
 10010 089 01191273 95000 6700560 900354HETH 8100377
 10021 TWP N 139 RGE W 98 SEC 5 055TH PRINCIPAL
 101 NDAX STARK A 990 FSL 1650 FNL NW SE SW D
 102 PHILLIPS PET 14-5 NORTHERN-PACIFIC D
 103 2511 KB 2500 GR ZENITH
 104 2509 DF 2501 P API 33-089- 01191 00
 105 SPUD 02/08/1976 COMP 02/28/1976 ROTARY O&A
 107 DTD 8100 LTD 8097 FM/TO 354HETH
 40101 DST 01 8016- 8064 402TYLR 002
 40131 FINAL OP 0H45M IFF 140 FFP 190 BHT 194F 0

33 N 139 W 98 8 10002 0468747410307384 0468748510307248
 10010 089 00088273 95000 9999961 110402TYLR 402TYLR 8090470
 10021 TWP N 139 RGE W 98 SEC 8 055TH PRINCIPAL
 101 NDAX STARK A 510 FNL 2130 FNL NE NE NW D 00
 102 PETROLEUM INC 1 ZARK
 103 2510 KB 2499 GR ZENITH
 104 API 33-089- 00088 00
 105 SPUD 02/24/1970 COMP 04/15/1970 ROTARY OIL
 107 DTD 8090 FM/TO 402TYLR
 20102 402TYLR PERF W/ 4/FT 8013- 8020 006
 40101 DST 01 8014- 8050 402TYLR S003
 40110 GAS TS IN 0H 5M /NO GAUGE/

06/08/78

PETROLEUM INFORMATION CORP

PAGE 688

SUB FILE GEOTHERMAL LISTING

33 N 139 W 98 8 40131 FINAL OP 1H IFF 1007 FFP 2084 BHT 210F
 50102 402TYLR PERF W/ 4/FT 8013- 8020 005

33 N 139 W 98 10 10002 0468641510302280 0468640910302193
 10010 089 00030273 7850550 901351MDSN 9200267
 10021 TWP N 139 RGE W 98 SEC 10 055TH PRINCIPAL
 101 NDAX STARK A 660 FSL 660 FEL SE SE NW WF
 102 SHELL OIL 44-X-10-1 L & M MEDUNA
 103 2514 KB 2502 GR WILDCAT
 104 2513 ES 2502 GR P API 33-089- 00030 00
 105 SPUD 01/14/1967 COMP 02/16/1967 ROTARY O&A-G
 107 DTD 9200 FM/TO 351MDSN
 40101 DST 01 7985- 8023 354HETH S003
 40131 FINAL OP 1H IFF 167 BHT 191F
 40201 DST 02 8045- 8065 354HETH MISRUN 005
 40301 DST 2P 8045- 8058 354HETH 006

06/08/78

33 N 136 W

33 N 136 W

33 N 136 W

33 N 136 W

06/08/78

33 N 136 W

33 N 136 W

L 5

33 N 139 W 98	8	40131 FINAL OP 1M IFF 1007 FFP 2084 BHT 210F 50102 402TYLR RF W 4/FT 8013- 8020	005	8032 37.4°C/bm
33 N 139 W 98	10	10002 089 00030273 0468641510302280 0468640910302193 10010 089 00030273 7850550 901351MDSN 9200267 10021 TWP N 139 RGE W 98 SEC 10 055TH PRINCIPAL 101 NDAK STARK A 660 FSL 660 FEL SE NE 1/4 102 SHELLE OIL 44-X-10-1 L & H MEDIAN 103 2514 KB 2502 GR WILDCAT 104 2513 ES 2502 GR P API 33-089- 00030 00 105 SPUD 01/14/1967 COMP 02/16/1967 ROTARY D&A-G 107 DTD 9200 FM/TO 351MDSN 40101 DST 01 7985- 8023 354METH S003 40131 FINAL OP 1M IFF 167 BHT 191F 40201 DST 02 8045- 8065 354METH MISRUN 005 40301 DST 2A 8045- 8058 354METH 8052 40331 FINAL OP 2H IFF 0 FFP 42 BHT 205F 40401 DST 03 8985- 9041 353MSSN 007 40431 FINAL OP 1H10M IFF 123 FFP 295 BHT 208F 40501 DST 04 9110- 9130 353FRBG 008 40531 FINAL OP 1H05M IFF 55 FFP 103 BHT 205F	006	107 36.2°C/bm
33 N 139 W 99	11	10002 0468675910313152 0468653910313059 10010 089 00198273 95000 9999960 911402TYLR 8214176 10021 TWP N 139 RGE W 99 SEC 11 055TH PRINCIPAL 101 NDAK STARK A 2540 FSL 1680 FEL NE NW 1/4 102 GOLDEN A G 1 KADRAS STATE 103 2590 KB 2580 GR ZENITH 104 2590 DF 2581 GR P LSE NO API 33-089- 00198-00 105 SPUD 12/06/1975 COMP 12/31/1975 ROTARY D&A-06 107 DTD 8214 FM/TO 402TYLR 40101 DST 01 8126- 8160 402TYLR 8143 S003 40131 FINAL OP 1H30M IFF 454 FFP 705 BHT 200F	003	108
33 N 139 W 99	12	10002 0468741210310760 0468743610310652 10010 089 00112273 95000 1310080 911402TYLR 8150171 10021 TWP N 139 RGE W 99 SEC 12 055TH PRINCIPAL 101 NDAK STARK A 660 FSL 860 FEL NE NW 1/4 102 CARDINAL PET ETAL 1-X FRASER 103 2545 KB 2535 GR ZENITH 104 2544 DF 2535 GR P API 33-089- 00112 00 105 SPUD 12/01/1970 COMP 12/23/1970 ROTARY D&A-06 107 DTD 8150 LTR 8150 FM/TO 402TYLR 40101 DST 01 8057- 8150 402TYLR MISRUN 003 40201 DST 1A 8048- 8150 402TYLR 8099 004 40231 FINAL OP 0445M IFF 562 FFP 1490 BHT 224F	004	109 40.3°C/bm
33 N 139 W 100	1	10002 0468888210323839 0468864410323791 10010 007 00165273 7450 8971010 900354METH 8340275 10021 TWP N 139 RGE W 100 SEC 1 055TH PRINCIPAL 101 NDAK BILLINGS A 660 FSL 1980 FEL NW NE 1/4	009	110

M 5

33 N 139 W 100	1	102 TIGER OIL 1-1 KESSEL 103 2641 KB 2629 GR BELFIELD 104 2641 DF 2633 GR P LSE NO API 33-007- 00165-00 105 SPUD 11/19/1974 COMP 12/18/1974 ROTARY D&A 107 DTD 8340 FM/TO 354METH 40101 DST 01 8306- 8312 354METH 002 40131 FINAL OP 2H30M IFF 332 FFP 871 BHT 210F	002
33 N 139 W 100	17	10002 0468527610331823 0468529510331779 10010 007 00099273 28800 110561 110351MDSN 353FRBG 9560466 10021 TWP N 139 RGE W 100 SEC 17 055TH PRINCIPAL 101 NDAK BILLINGS A 1980 FSL 760 FEL NE SE 1/4 102 AMEPADA PETROLEUM 2 M SORENSON 103 2803 KB 2792 GR FRYBURG 104 2801 DF 2792 GR P LSE NO 299 API 3-007- 00099 00 105 SPUD 01/15/1966 COMP 01/01/1966 ROTARY GIL 107 DTD 9560 FM/TO 351MDSN 20102 353FRBG PERF JET W 4/FT 8266- 8269 009	009

THERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 139 W 100 1 102 TIGER OIL 1-1 KESSEL
 103 2641 KB 2629 GR BELFIELD
 104 2641 DF 2633 GR P LSE NO API 33-007- 00165-00
 105 SPUD 11/19/1974 COMP 12/18/1974 ROTARY D&A
 107 DTD 8340 FM/TD 354METH
 40101 DST 01 8306- 8312 354METH 8309 002
 40131 FINAL OP. 2430M IFF 332 FFP 871 BHT 210F

36.2°C/ft

33 N 136 W 101

33 N 139 W 100 17 10002 0468527610331823 0468529510331779
 10010 007 00099273 28500 110561 110351MDSN 353FRBG 9560466
 10021 TWP N 139 AGE W 100 SEC 17 055TH PRINCIPAL
 101 NDAX BILLINGS A 1980 FSL 760 FEL (RE SD) DO 111
 102 AMERADA PETROLEUM 2 M SORENSON
 103 2803 KB 2792 GR FRYBURG
 104 2801 DF 2792 GR P LSE NO 299 API 3-007- 00099 00
 105 SPUD 01/15/1966 COMP 03/01/1966 ROTARY OIL
 107 DTD 9560 FM/TD 351MDSN
 20102 353FRBG PERF JET W 4/FT 8266- 8269 009
 40101 DST 01 8264- 8274 354METH S004
 40110 GAS TS IN 1H 4M 8269
 40131 FINAL OP. 2H IFF 239 FFP 698 BHT 247
 40201 DST 02 9460- 9474 351MDSN CUSH 1535 WTR 005
 40231 FINAL OP 1H10M IFF 724 FFP 785
 40301 DST 03 9458- 9485 351MDSN CUSH 1535 WTR 006
 40331 FINAL OP 1H10M IFF 804 FFP 910
 50102 353FRBG PERF JET W 4/FT 8266- 8269 008

44.5°C/ft

33 N 139 W 100 27 10002 0468200410329034 0468171510329048
 10010 007 00182273 61000 17005 110351MDSN 353FRBG 9375977
 10021 TWP N 139 AGE W 100 SEC 27 055TH PRINCIPAL
 101 NDAX BILLINGS A 660 FSL 660 FEL (C SH SW) WFD 112
 102 AL-ADITTANE ETAL 1 PATRIBS
 103 2715 KB 2701 GR NORWEGIAN CREEK
 104 API 33 007 00182 00
 105 SPUD 12/30/1975 COMP 05/14/1976 ROTARY OIL
 107 DTD 9375 FM/TD 351MDSN
 20102 353FRBG PERF W 4/FT 9269- 9284 GROSS
 20103 351MDSN PERF W 4/FT 9316- 9354 GROSS 003
 40101 DST 01 9245- 9295 353FRBG 9270 S002
 40102 OVERLAPS 353MIDL
 40131 FINAL OP 2H IFF 138 FFP 391 BHT 230F

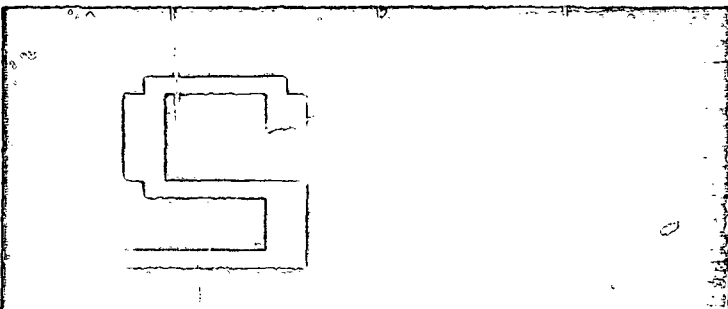
36.4°C/ft

33 N 136 W 101 1

33 N 139 W 100 27 10002 0468273510327981 0468242010327982
 10010 007 00229273 61000 82410 911353FRBG 9400077
 10021 TWP N 139 AGE W 100 SEC 27 055TH PRINCIPAL
 101 NDAX BILLINGS A 1980 FSL 1980 FEL (C SW NE) WO 113
 102 ALPAR RESOURCES 1-27 LOGAN
 103 2685 KB 2673 GR NORWEGIAN CREEK
 104 2685 DF 2675 GR P LSE NO API 33-007- 00229-00
 105 SPUD 08/30/1977 COMP 10/05/1977 ROTARY D&A-06
 107 DTD 9400 FM/TD 353FRBG

33 N 136 W 101

RH	INDEX
A	33 N 136 W 101 23
B	33 N 137 W 92 15
C	33 N 137 W 95 22
D	33 N 137 W 100 2
E	33 N 137 W 100 13
F	33 N 137 W 100 27
G	33 N 137 W 104 9
H	33 N 138 W 102 1
I	33 N 138 W 104 23
J	33 N 139 W 96 29
K	33 N 139 W 98 3
L	33 N 139 W 98 8
M	33 N 139 W 100 :



RH	INDEX
A	33 N 130 W 106
B	33 N 131 W 104
C	33 N 131 W 104
D	33 N 131 W 104
E	33 N 132 W 98
F	33 N 133 W 97
G	33 N 133 W 98
H	33 N 133 W 98
I	33 N 135 W 101
J	33 N 135 W 101
K	33 N 136 W 93
L	33 N 136 W 101
M	33 N 136 W 101

33 N 139 W 100 27 40101 DST 01 9235- 9275 353FRBG 9255 S002.
 40131 FINAL OP 1H30M IFF 114 FFP 229 BHT 220F 0

33 N 139 W 101 1 10002 046885110336606 0468847310336772
 10010 007 00093273 28500 110561 11035401TR 354HETH 8320K65
 10021 TWP N 139 RGE W 101 SEC 1 055TH PRINCIPAL
 101 NDAK BILLINGS A 1310 FSL 2250 FEL 11 1/2 NE 8 DO 114
 102 AMERADA PETROLEUM 11 SCOR TA UNIT
 103 2739 KB 2728 GR FRYBURG
 104 2737 DF 2728 GR P LSE NO 292 API 33-007- 00C93 00
 105 SPUD 11/01/1965 COMP 12/13/1965 ROTARY OIL
 107 DTD 8320 FM/TO 3540TR
 20102 354HETH PERF W/ 2/FT 8156- 8174 004
 40101 DST 01 8150- 8169 354HETH S160 S003
 40110 GAS TS IN 09M
 40131 FINAL OP 3H IFF 196 FFP 1410 BHT 225F

402°c/km

33 N 139 W 101 9 10002 0468639610342581 0468659210342407
 10010 007 00080273 28500 110564 120351MDSN 354HETH 9127J65
 10021 TWP N 139 RGE W 101 SEC 9 055TH PRINCIPAL
 101 NDAK BILLINGS A 1786 FSL 846 FEL NE SE D DO 115
 102 AMERADA PETROLEUM 10 SCOR TA UNIT
 103 2488 KB 2474 GR FRYBURG
 104 2486 DF 2474 GR P LSE NO 597 API 33-007- 00080 00
 105 SPUD 06/03/1965 COMP 09/17/1965 ROTARY DUOIL
 107 DTD 9127 PB 9120 FM/TO 351MDSN
 20102 354HETH PERF JET W/ 2/FT 7834- 7844 007
 20202 351MDSN PERF JET W/ 2/FT 9077- 9111 GROSS 008
 40101 DST 01 7836- 7844 354HETH S002
 40110 GAS TS IN 15M AT 58 MCFD 7840
 40111 OIL TS IN 45M AT 3 BOPD 3 BBLS OCM
 40112 OIL TS IN 50M BOPD GTY 36.1 GOR 60
 40113 OIL TS IN 30M AT 20 BOPD REVERSED 64.68 BO
 40131 FINAL OP 1H20M IFF 1198 FFP 2379 BHT 232F
 50102 351MDSN PERF JET W/ 2/FT 9077- 9111 GROSS 005
 50202 354HETH PERF JET W/ 2/FT 7834- 7844 006

43.5°c/km

33 N 139 W 101 16 10002 0468529510343308 0468533010343282
 10010 007 00107273 28500 110564 120353FRBG 354HETH 9130666
 10021 TWP N 139 RGE W 101 SEC 16 055TH PRINCIPAL
 101 NDAK BILLINGS A 1980 FSL 1928 FSL NE SE D DO 116
 102 AMERADA PETROLEUM 2 ND-0
 103 2503 KB 2489 GR FRYBURG
 104 2501 DF 2489 GR P LSE NO 1655 API 33-007- 00107 00
 105 SPUD 03/09/1966 COMP 04/14/1966 ROTARY DUOIL
 107 DTD 9130 PB 9125 FM/TO 353FRBG
 20102 354HETH PERF W/ 4/FT 7834- 7842 011
 20202 351MDSN PERF JET W/ 4/FT 9040- 9091 GROSS 011
 40101 DST 01 7826- 7842 402TYLR 7834 S0G3
 40110 GAS TS IN 1H04M FLAMMABLE
 40131 FINAL OP 1H30M IFF 177 FFP 580 BHT 200F

36.1°c/km

33 N 139 W 101 16 40201 DST 02 8856- 8874 354RCLF 004
 40231 FINAL OP 1H IFF 416 FFP 449 BHT 213F
 50102 351MDSN PERF JET W/ 4/FT 9040- 9091 GROSS 006
 50202 354HETH PERF W/ 4/FT 7834- 7842 007
 50302 351MDSN PERF 9040- 9091 GROSS 008
 50402 351MDSN PERF 9040- 9091 GROSS 009
 50502 354HETH PERF 7834- 7842 010

33 N 139 W 101 17 10002 0468522910344408 0468525410344412
 10010 007 00116273 28500 9999964 120351MDSN 354HETH 9115966
 10021 TWP N 139 RGE W 101 SEC 17 055TH PRINCIPAL
 101 NDAK BILLINGS A 1850 FSL 500 FEL NE SE D DO
 102 HUNT W H TRUST ESTATE 1 USA 17
 103 2508 KB 2496 GR FRYBURG
 104 2506 DF 2496 GR P LSE NO 1672 API 33-007- 00116 00
 105 SPUD 05/31/1966 COMP 08/16/1966 ROTARY DUOIL
 107 DTD 9115 PR 9113 FM/TO 351MDSN
 20102 354HETH PERF JET W/ 2/FT 7845- 7855 009

33 N 139 W 101 16 40201 DST 02 8856- 8874 354RCLF 004
 40231 FINAL OP 1H IFF 416 FFP 449 BHT 213F
 50102 351MDSN PERF JET W/ 4/FT 9040- 9091 GROSS 006
 50202 354HETH PERF W/ 4/FT 7834- 7842 007
 50302 351MDSN PERF 9040- 9091 GROSS 008
 50402 351MDSN PERF 9040- 9091 GROSS 009
 50502 354HETH PERF 7834- 7842 010

33 N 137 W 92

33 N 139 W 101 17 10002 0468522910344408 0468525410344412
 10010 007 00116273 28500 9999964 120351MDSN 354HETH 9115966
 10021 TWP N 139 RGE W 101 SEC 17 055TH PRINCIPAL
 101 NDAK BILLINGS 1850 FSL 500 FEL NE SE D DO
 102 HUNT AMERADA PETROLEUM ESTATE 1 USA
 103 2508 KB 2496 GR FRYBURG
 104 2506 OF 2496 GR P LSE NO 1672 API 33-007- 00116 00
 105 SPUD 05/31/1966 COMP 08/16/1966 ROTARY DUOIL
 107 DTD 9115 PB 9113 FM/TO 351MDSN
 20102 354HETH PERF JET W/ 2/FT 7845- 7855 009
 20103 351MDSN PERF JET W/ 4/FT 9074- 9092 GROSS
 40101 DST 01 7814- 7866 354HETH 7840 REVOUTS003
 40110 GAS TS IN 7M
 40111 OIL TS IN 3H30M
 40131 FINAL OP 2H IFF 300 FFP 2384 BHT 228F
 40201 DST 02 9047- 9115 351MDSN CUSH 1146 WTR S005
 40231 FINAL OP 2H IFF 627 FFP 1372 BHT- 232F 9081
 50102 354HETH PERF JET W/ 2/FT 7845- 7855 007
 50202 351MDSN PERF JET W/ 4/FT 9074- 9092 GROSS 008

117

42.5 °C / ft

37.5

33 N 137 W 92

33 N 139 W 101 20 10002 0468458110344313 0468462010344322
 10010 007 00096273 28500 110564 120354HETH 354HETH 9160566
 10021 TWP N 139 RGE W 101 SEC 20 055TH PRINCIPAL
 101 NDAK BILLINGS A 500 FNL 500 FEL NE SE D DO
 102 AMERADA PETROLEUM 1-A USA-LOOPTS
 103 2539 KB 2524 GR FRYBURG
 104 2536 OF 2524 GR P LSE NO 303 API 33-007- 00096 00
 105 SPUD 02/03/1966 COMP 03/13/1966 ROTARY DUCIL
 107 DTD 9160 LTO 9154 PB 9151 FM/TO 354HETH
 20102 354HETH PERF JET W/ 2/FT 7896- 7908 013
 20202 351MDSN PERF JET W/ 2/FT 9118- 9148 GROSS 014
 40101 DST 01 7884- 7900 353FRBG 7892 S003
 40131 FINAL OP 3H IFF 109 FFP 415 BHT 218F
 50102 351MDSN PERF JET W/ 2/FT 9143- 9148 006
 50202 351MDSN PERF JET W/ 4/FT 9118- 9136 GROSS 007
 50302 351MDSN PERF 9118- 9148 GROSS 008
 50402 354HETH PERF JET W/ 2/FT 7896- 7908 009
 50502 354HETH PERF JET W/ 2/FT 7896- 7908 010
 50602 351MDSN PERF 9118- 9148 GROSS 011
 50702 354HETH PERF 7896- 7908 012

118

40.0 °C / ft

33 N 137 W 92

33 N 139 W 101 21 10002 0468435610342923 0468426710343043
 10010 007 00085273 28500 110511 110203RDRV 351MDSN 12146K65

33 N 137 W 95

33 N 139 W 101 21 10021 TWP N 139 RGE W 101 SEC 21 055TH PRINCIPAL
 101 NDAK BILLINGS A 890 FNL 2000 FEL NW NE W0 W0E
 102 AMERADA PETROLEUM 1 USA-HODGE
 103 2548 KB 2533 GR FRYBURG
 104 2545 OF 2533 GR P LSE NO 1616 API 33-007- 00085 00
 105 SPUD 08/15/1965 COMP 12/06/1965 ROTARY OIL
 107 DTD 12146 PB 9250 FM/TO 203RDRV
 20102 351MDSN PERF JET W/ 2/FT 9130- 9147 022
 40101 DST 01 7882- 7925 354HETH MISRUN 002
 40201 DST 02 7875- 7942 354HETH 003
 40231 FINAL OP 1H25M IFF 259 FFP 602 BHT 200F
 40301 DST 03 8850- 8950 351MDSN CUSH 830 WTR 004
 40331 FINAL OP 1H07M IFF 589 FFP 997
 40401 DST 04 9105- 9178 351MDSN CUSH 1100 WTR S006
 40431 FINAL OP 2H IFF 678 FFP 1259 BHT 226F
 40501 DST 5A 10536-10601 306OPRW MICPUN 008
 40601 DST 05 10541-10601 306OPRW CUSH 1503 WTR S009
 40631 FINAL OP 1H05M IFF 933 FFP 1035 BHT 262F
 40701 DST 06 10631-10696 306OPRW CUSH 1242 WTR 010
 40731 FINAL OP 1H05M IFF 789 FFP 1098

33 N 137 W 95

33 N 137 W 95

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 692

OTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 139 W 101 21 10021 TWP N 139 RGE W 101 SEC 21 055TH PRINCIPAL
 101 NDAR BILLINGS A 890 FNL 2000 FEL (NW NE NO WOE
 102 AMERADA PETROLEUM 1 USA-HODGE
 103 2548 KB 2533 GR FRYBURG
 104 2545 DF 2533 GR P LSE NO 1616 API 33-007- 00085 00
 105 SPUD 08/15/1965 COMP 12/06/1965 ROTARY OIL
 107 OTD 12146 PB 9250 FM/TO 203RDRV
 20102 351MDSN PERF JET W/ 2/FT 9130- 9147 022
 40101 DST 01 7882- 7935 354METH MISRUN 002
 40201 DST 02 7875- 7942 354METH 7908 MISRUN 003
 40231 FINAL OP 1H25M IFF 259 FFP 602 BHT 200F 35.7°C/hm
 40301 DST 03 8850- 8950 351MDSN CUSH 830 WTR 004
 40331 FINAL OP 1H07M IFF 589 FFP 997
 40401 DST 04 9105- 9178 351MDSN CUSH 1100 WTR S006
 40431 FINAL OP 2H IFF 678 FFP 1259 BHT 226F 9102
 40501 DST 5A 10536-10601 306DPRN MISRUN 005
 40601 DST 05 10541-10601 306DPRN CUSH 1503 WTR S009
 40631 FINAL OP 1H05M IFF 933 FFP 1035 BHT 262F 10751
 40701 DST 06 10631-10686 306DPRN CUSH 1242 WTR 010
 40731 FINAL OP 1H05M IFF 789 FFP 1098
 40801 DST 07 11175-11219 259SLRN CUSH 222G WTR S011
 40831 FINAL OP 1H10M IFF 979 FFP 1012
 40901 DST 08 11230-11320 259SLRN WTR S012
 40931 FINAL OP 1H10M IFF 1091 FFP 2044
 41001 DST 09 11348-11400 259SLRN CUSH 2312 WTR S013
 41010 GAS TS IN 45M
 41031 FINAL OP 3H IFF 1118 FFP 4465
 41101 DST 10 11740-11800 259SLRN CUSH 2700 WTR 014
 41131 FINAL OP 1H05M IFF 1401 FFP 2942 BHT 276F 11770 35.8
 41201 DST 11 11872-11960 203RDRV CUSH 6000 WTR 015
 41231 FINAL OP 2H IFF 2611 FFP 2929 BHT 282F 11916
 41301 DST 12 12015-12041 203RDRV CUSH 4082 WTR S016 36.2
 41331 FINAL OP 1H15M IFF 1862 FFP 1881
 41401 DST 13 12041-12092 203RDRV CUSH 4082 WTR 017
 41431 FINAL OP 1H10M IFF 1960 FFP 2090
 50102 259SLRN PERF JET W/ 2/FT 11172-11208 019
 50202 259SLRN PERF JET W/ 2/FT 11172-11208 020
 50302 351MDSN PERF JET W/ 2/FT 9130- 9147 021
 50402 351MDSN PERF JET W/ 2/FT 9130- 9147 021

119

35.7°C/hm

36.1

36.8

35.8

36.2

33 N 139 W 102 2 10002 0468766110350690 J468779310350549
 10010 007 00073273 56150 110561 110351MDSN 351MDSN 8935265
 10021 TWP N 139 RGE W 102 SEC 2 055TH PRINCIPAL
 101 NDAR BILLINGS A 700 FSL 700 FEL (SE SE) DO
 102 AMERADA PETROLEUM 1 USA-HELLICKSON UNIT
 103 2359 KB 2345 GR MEDORA
 104 2357 DF 2345 GR P LSE NO 991 API 33-007- 00073 00
 105 SPUD 11/24/1964 COMP 01/18/1965 ROTARY OIL
 107 OTD 8935 FM/TO 351MDSN
 20102 351MDSN OPENHOLE 8929- 8935 006
 40101 DST 01 7668- 7710 354METH S002

120

33 N 137 W 95 2

33 N 137 W 95 2

33 N 137 W 99

33 N 137 W 100

06/08/78

PETROLEUM INFORMATION, CORP

PAGE 693

OTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 139 W 102 2 40131 FINAL OP 3H IFF 108 FFP 242 BHT 208F
 40201 DST 02 8919- 8935 351MDSN CUSH 960 WTR S003
 40210 GAS TS IN 25M
 40231 FINAL OP 3H IFF 471 FFP 1078 BHT 249F
 50102 354METH PERF JET W/ 4/FT 7686- 7696 005

33 N 139 W 102 2 10002 0468846910351707 0468849010351556
 10010 007 00077273 56150 110560 910351MDSN 8982365
 10021 TWP N 139 RGE W 102 SEC 2 055TH PRINCIPAL
 101 NDAR BILLINGS A 1922 FNL 1729 FNL (SE NW) D
 102 AMERADA PETROLEUM 1 LEON HELLICKSON
 103 2339 KB MEDORA
 104 2336 DF 2324 GR P LSE NO 991 API 33-007- 00077 00
 105 SPUD 02/13/1965 COMP 03/13/1965 ROTARY OIL
 107 OTD 8982 FM/TO 351MDSN
 40101 DST 01 7672- 7710 354METH S002
 40131 FINAL OP 1H27M IFF 48 FFP 65 BHT 190F

33 N 137 W 100

33 N 137 W 100

33 N 139 W 102	2	40131 FINAL OP 3H IFF 108 FFP 242 BHT 208F 40201 DST 02 8919- 8935 351MDSN CUSH 960 WTR S003 40210 GAS TS IN 25M 40231 FINAL OP 3H IFF 471 FFP 1078 BHT 249F 50102 354-METH PERF W/ 4/FT 7686- 7696 005	7689 38.6 °C/ft 41.6
33 N 139 W 102	2	10002 0468846910351707 0468849010351556 10010 007 00077273 56150 110560 910351MDSN 8982365 10021 TWP N 139 RGE W 102 SEC 2 055TH PRINCIPAL 101 NDAC BILLINGS A 1922 FNL 1729 FNL (SE NW) D 102 AMERADA PETROLEUM 1 LEON HELETCKSON 103 2339 KB MEDORA 104 2336 DF 2324 GR P LSE NO 991 API 33-007- 00077 00 105 SPUD 02/13/1965 COMP 03/13/1965 ROTARY D&A-0 107 DTD 8982 FM/TO 351MDSN 40101 DST 01 7672- 7710 353FRBG S002 40131 FINAL OP 1H27M IFF 48 FFP 65 BHT 190F 40201 DST 02 7908- 7954 353KBBY 7981 003 40231 FINAL OP 1H01M IFF 34 FFP 49 BHT 198F 40301 DST 03 8905- 8936 353FRBG CUSH 513 WTR 004 40331 FINAL OP 3H IFF 460 FFP 1040 BHT 238F 8020 40401 DST 04 8934- 8957 353FRBG CUSH 513 WTR 005 40431 FINAL OP 3H IFF 456 FFP 935	121 35.2 °C/ft 39.4
33 N 139 W 102	3	10002 0468846010353746 046884710353654 10010 007 00100273 56150 110560 910351MDSN 8960566 10021 TWP N 139 RGE W 102 SEC 3 055TH PRINCIPAL 101 NDAC BILLINGS A 1969 FNL 1879 FNL (SE NW) D 102 AMERADA PETROLEUM 2 HAROLD SCHAFFER 103 2304 KB 2293 GR MEDORA 104 2302 DF 2293 GR P LSE NO 1638 API 33-007- 00100 00 105 SPUD 03/29/1966 COMP 04/22/1966 ROTARY D&A-0 107 DTD 8960 FM/TO 351MDSN 40101 DST 01 8884- 8895 354METH CUSH 1028 WTR S003 40131 FINAL OP 3H IFF 549 FFP 990 BHT 224F 8890 40201 DST 02 8895- 8912 351MDSN CUSH 1028 WTR 004 40231 FINAL OP 1H30M IFF 540 FFP 593	122 36.7
33 N 139 W 102	10	10002 0468625010352669 0468634210352548 10010 007 00074273 56150 110561 110353FRBG 353FRBG 8910365 10021 TWP N 139 RGE W 102 SEC 10 055TH PRINCIPAL 101 NDAC BILLINGS A 660 FSL 660 FEL (SE SW) D 102 AMERADA PETROLEUM 1 FUCHS-LUCHSINGER 103 2319 KB 2306 GR MEDORA 104 2317 DF 2306 GR P LSE NO 1116 API 33-007- 00074 00 105 SPUD 12/30/1964 COMP 02/21/1965 ROTARY OIL 107 DTD 8908 LTD 8910 FM/TO 353FRBG 20102 353FRBG PERF JET W/ 2/FT 8865- 8868 011 40101 DST 01 7618- 7655 353FRBG 7636 S002 40131 FINAL OP 3H IFF 52 FFP 73 BHT 199F 40201 DST 02 7692- 7750 353FRBG 003	123 36.8

33 N 137 W 100

33 N 137 W 100

33 N 137 W 100

33 N 137 W 100

33 N 137 W 100

33 N 139 W 102	10	40202 OVERLAPS 3540TTR 40231 FINAL OP 3H IFF 212 FFP 1025 BHT 222F 50102 353FRBG OPENHOLE 8900- 8910 006 50202 353FRBG PERF JET W/ 4/FT 8866- 8870 007 50302 353FRBG PERF JET W/ 2/FT 8866- 8870 008 50402 353FRBG PERF JET W/ 2/FT 8866- 8870 009 50502 353FRBG PERF JET W/ 2/FT 8865- 8868 010	
33 N 139 W 102	12	10002 0468642510349257 0468639410349455 10010 007 00098273 56150 110564 120351MDSN 354METH 9058K65 10021 TWP N 139 RGE W 102 SEC 12 055TH PRINCIPAL 101 NDAC BILLINGS A 1642 FSL 2267 FEL NW SE D 00 102 AMERADA PETROLEUM 1 USA-RIELLY UNIT 103 2467 KB 2453 GR MEDORA 104 2465 DF 2453 GR P LSE NO 1614 API 33-007- 00088 00 105 SPUD 08/30/1965 COMP 10/11/1965 ROTARY DUOIL 107 DTD 9058 FM/TO 351MDSN 20102 354METH PERF JET W/ 4/FT 8868- 7808 009 20202 351MDSN PERF JET W/ 2/FT 8868- 9049 010 40101 DST 01 7784- 7846 354METH 5003 40131 FINAL OP 2H IFF 104 FFP 279 BHT 204F	

33 N 137 W 100

33 N 137 W 100

06/08/78

PETROLEUM INFORMATION CORP

OTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 139 W 102	10	4G202 OVERLAPS 3540TTR	7721		
		40231 FINAL OP 3H IFF 212 FFP 1025 BHT 222F			
		50102 353FRBG OPENHOLE			006
		50202 353FRBG PERF JET W/ 4/FT 8866- 8870			007
		50302 353FRBG PERF JET W/ 2/FT 8866- 8870			008
		50402 353FRBG PERF JET W/ 2/FT 8866- 8870			009
		50502 353FRBG PERF JET W/ 2/FT 8865- 8868			010
33 N 139 W 102	12	10002	0468642510349257	0468639410349455	
		10010 007 00088273 56150 110564 120351MDSN 354HETH 9058K65			
		10021 TWP N 139 RGE W 102 SEC 12 055TH PRINCIPAL			
		101 NDAC BILLINGS A 1642 FSL 2267 FEL (NW SE D) DO			
		102 AMERADA-PETROLEUM 1 USA-RTELEY UNIT			
		103 2467 KB 2453 GR MEDORA			
		104 2465 DF 2453 GR P LSE NO 1614 API 33-007- 00088 00			
		105 SPUD 08/30/1965 COMP 10/11/1965 ROTARY DUOIL			
		107 DTD 9058			
		20102 354HETH PERF JET W/ 4/FT 7808- 7808			009
		20202 351MDSN PERF W/ 2/FT 9041- 9049			010
		40101 DST 01 7784- 7846 354HETH 1915			S003
		40131 FINAL OP 2H IFF 104 FFP 279 BHT 205F			
		40201 DST 02 9040- 9058 351MDSN 9044 WTR S004			
		40231 FINAL OP 2H IFF 523 FFP 1244 BHT 250F			
		50102 354HETH PERF JET W/ 4/FT 7808- 7808			006
		50202 354HETH PERF JET W/ 4/FT 7803- 7808			007
		50302 351MDSN PERF W/ 2/FT 9041- 9049			008
33 N 139 W 102	12	10002	0468642010349332	0468633210349917	
		10010 007 00147273 56150 110569 500354HETH 7923173			
		10021 TWP N 139 RGE W 102 SEC 12 055TH PRINCIPAL			
		101 NDAC BILLINGS A 1253 FSL 1304 FSL (SE NW SW) 1H			
		102 AMERADA-HESS 24 MANU			
		103 2513 KB 2500 GR MEDORA			
		104 2500 DF 2490 GR P LSE NO API 33-007- 00147-00			
		105 SPUD 08/09/1972 COMP 09/30/1972 ROTARY W-INJ			
		107 DTD 7923			
		40101 DST 01 7810- 7848 354HETH CUSH 2000			002
		40131 FINAL OP 1H IFF 1272 FFP 1294 BHT 198F			
		50102 354HETH PERF JET W/ 4/FT 7828- 7836			004
33 N 139 W 102	13	10002	0468566410349670	0468579510349569	
		10010 007 00072273 56150 110564 120351MDSN 354HETH 9012565			
		10021 TWP N 139 RGE W 102 SEC 13 055TH PRINCIPAL			
		101 NDAC BILLINGS A 1475 FSL 1750 FSL (SE NW) DO			
		102 AMERADA-PETROLEUM 1 NP-M TRACT 2			
		103 2436 KB 2423 GR MEDORA			
		104 2433 DF 2423 GR P LSE NO 1403 API 33-007- 00072 00			
		105 SPUD 11/12/1964 COMP 01/14/1965 ROTARY DUOIL			
		107 DTD 9012			
		20102 354HETH PERF JET W/ 4/FT 7760- 7772			006
		20103 351MDSN PERF JET W/ 2/FT 8986- 9008			009

41.8 °C/ft

124

37.3

41.3

125

35.6

126

33 N 137 W 100 1

33 N 137 W 100 2

33 N 137 W 100 2

33 N 137 W 100 2

33 N 137 W 100 2

06/08/78

PETROLEUM INFORMATION CORP

OTHERMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 139 W 102	13	40101 DST 01 7745- 7772 354HETH			S002
		40110 GAS TS IN 55M AT TSTM MCFD			
		40131 FINAL OP 1H IFF 164 FFP 562 BHT 225F			
		40201 DST 02 8977- 8997 351MDSN			WTR S003
		40231 FINAL OP 3H IFF 465 FFP 639 BHT 214F			
		40301 DST 03 8936- 9000 351MDSN CUSH 984 WTR S004			
		40331 FINAL OP 1H20M IFF 471 FFP 483 BHT 208F			
		50102 351MDSN PERF JET W/ 2/FT 8986- 9008			006
		50202 354HETH PERF JET W/ 4/FT 7760- 7772			007
		50302 354HETH PERF JET W/ 4/FT 7760- 7772			
		50303 351MDSN PERF JET W/ 2/FT 8986- 9008			008
		50350 SWTP			
33 N 139 W 102	22	10002	0468371910352697	0468381110352641	
		10010 007 00024273 56150 8560564 120353FRBG 402TYLR 9030J65			
		10021 TWP N 139 RGE W 102 SEC 22 055TH PRINCIPAL			
		101 NDAC BILLINGS A 1980 FSL 660 FEL (NE SE D) DO			
		102 SUPERIOR OIL 1 STATE OF ND			

33 N 137 W 100 2

33 N 137 W 100 3

33 N 139 W 102 13 40101 DST C1 7745- 7772 354METH 5002
 40110 GAS TS IN 55M AT 15TH MCFD 7758
 40131 FINAL OP 1H IFF 164 FFP 562 BHT 225F
 40201 DST O2 8977- 8997 351MDSN WTR S003
 40231 FINAL OP 3H IFF 465 FFP 639 BHT 214F
 40301 DST O3 8996- 9000 351MDSN CUSH 984 WTR S004
 40331 FINAL OP 1H20M IFF 471 FFP 483 BHT 208F
 50102 351MDSN PERF JET W/ 2/FT 8986- 9008 006
 50202 354METH PERF JET W/ 4/FT 7760- 7772 007
 50302 354METH PERF JET W/ 4/FT 7760- 7772 007
 50303 351MDSN PERF JET W/ 2/FT 8986- 9008 008
 50350 SWTR

42.3°C/hm

33 N 137 W 100 2

33 N 139 W 102 22 10002 0468371910352697 0468381110352641
 10010 007 00084273 56150 8560564 120353FRBG 402TYLR 9030J65
 10021 TWP N 139 RGE W 102 SEC 22 055TH PRINCIPAL
 101 NDAC BILLINGS A 1980 FSL 660 FEL (NE 1/4) DO
 102 SUPERIOR OIL 1 STATE OF ND
 103 2395 KB 2334 GR MEDORA
 104 2394 DF 2383 GR P LSE NO 1609 API 33-007- 00084 00
 105 SPUD 08/24/1965 COMP 11/06/1965 ROTARY DUOIL
 107 DTD 9030 PB 9000 FM/TO 353FRBG
 20102 402TYLR PERF 7737- 7750 017
 20202 353FRBG PERF JET W/ 4/FT 8931- 8948 018
 20250 SWTR
 40101 DST O1 7691- 7766 402TYLR 7728 5004
 40110 GAS TS IN 21M NO GAUGE REPORTED 37.3
 40131 FINAL OP 1H IFF 445 FFP 2636 BHT 203F
 40201 DST O2 8118- 8154 353KBBY 006
 40231 FINAL OP 0H30M IFF 0 FFP 0
 40301 DST O3 8925- 8952 353FRBG 8938 5005
 40331 FINAL OP 1H IFF 29 FFP 71 BHT 220F 35.7
 50102 353FRBG PERF JET W/ 2/FT 8957- 8961 011
 50150 SWTR
 50202 353FRBG PERF JET W/ 2/FT 8957- 8961 012
 50302 353FRBG PERF JET W/ 2/FT 8957- 8961 013
 50402 353FRBG PERF JET W/ 4/FT 8931- 8948 014
 50502 353FRBG PERF JET W/ 4/FT 8931- 8948 015
 50602 402TYLR PERF JET W/ 4/FT 7737- 7750 016

127

33 N 137 W 100 3

33 N 137 W 100 36

33 N 139 W 102 23 10002 0468449210351686 0468456010351607
 10010 007 00078273 56150 110564 120351MDSN 351MDSN 9045765
 10021 TWP N 139 RGE W 102 SEC 23 055TH PRINCIPAL
 101 NDAC BILLINGS A 660 FNL 1980 FNL (NE 1/4) DO
 102 AMERADA-PETROLEUM 1 NP-M TRACT 3
 103 2461 KB MEDORA
 104 2459 DF 2447 GR P API 33-007- 00078 00
 105 SPUD 03/19/1965 COMP 05/10/1965 ROTARY DUOIL
 107 DTD 9043 LTD 9045 FM/TO 351MDSN
 20102 351MDSN PERF W/ 2/FT 9000- 9018 011
 20202 354METH PERF W/ 2/FT 7782- 7794 012

128

33 N 137 W 104 9

33 N 139 W 102 23 40101 DST O1 7756- 7795 353FRBG 5002
 40110 GAS TS IN 2H AT 1.4 MCFD
 40131 FINAL OP 3H IFF 73 FFP 340 BHT 217F
 50102 351MDSN PERF W/ 2/FT 9031- 9040 006
 50202 351MDSN PERF W/ 2/FT 9000- 9018 007
 50302 354METH PERF W/ 2/FT 7782- 7794 008
 50402 354METH PERF W/ 2/FT 7782- 7794 009
 50502 354METH PERF W/ 2/FT 7782- 7794

33 N 137 W 104 9

33 N 139 W 102 23 10002 0468359810351035 0468379710351035
 10010 007 00079273 56150 110564 120353FRBG 354METH 9026865
 10021 TWP N 139 RGE W 102 SEC 23 055TH PRINCIPAL
 101 NDAC BILLINGS A 1896 FSL 1980 FEL NW 1/4 DO
 102 AMERADA-PETROLEUM 2 NP-M TRACT 3
 103 2448 KB 2434 GR MEDORA
 104 2445 LS 2434 GR P LSE NO 1584 API 33-007- 00079 00
 105 SPUD 05/02/1965 COMP 07/24/1965 ROTARY DUOIL
 107 DTD 9026 FM/TO 353FRBG
 20102 354METH PERF W/ 2/FT 7766- 7780 010
 20202 354METH PERF

33 N 135 W 100 25

EOTHRMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP.

PAGE 696

SUB FILE GEOTHERMAL LISTING

33 N 139 W 102 23 40101 DST 01 7756- 7795 353FRBG 7776 S002
 40110 GAS TS IN 2H AT 1.4 MCFD
 40131 FINAL OP 3H IFF 73 FFP 340 BHT 217F
 50102 351MDSN PERF W/ 2/FT 9031- 9040 006
 50202 351MDSN PERF W/ 2/FT 9000- 9018 007
 50302 354HETH PERF W/ 2/FT 7782- 7794 008
 50402 354HETH PERF W/ 2/FT 7782- 7794 009
 50502 354HETH PERF W/ 2/FT 7782- 7794

40.3 °C/ft

33 N 139 W 102 23 10002 | 0468359810351035 0468379710351035
 10010 007 00079273 56150 110564 120353FRBG 354HETH 9026865
 10021 TWP N 139 RGE W 102 SEC 23 055TH PRINCIPAL
 101 NDAK BILLINGS A 1895 FSL 1980 FEL NW SE DO
 102 AMERADA PETROLEUM 2 NP-M TRACT 3
 103 2448 KB 2434 GR MEDORA
 104 2445 ES 2434 GR P LSE NO 1584 API 33-007- 00079 00
 105 SPUD 05/02/1965 COMP 07/24/1965 ROTARY BUOIL
 107 DTD 9026 FM/TO 353FRBG
 20102 354HETH PERF W/ 2/FT 7766- 7780 010
 20202 351MDSN PERF W/ 2/FT 8979- 8984 011
 40101 DST 01 7743- 7776 354HETH S002
 40110 GAS TS IN 15H

129

40111 OIL TS IN 32H
 40112 MUD TS IN AT 2 BBLS 7760
 40113 OIL TS IN AT 134.6 BOPD 43.0
 40131 FINAL OP 2H IFF 2200 FFP 3340 BHT 222F
 40201 DST 02 8445- 8550 353CRLS CUSH 513 WTR 003
 40231 FINAL OP 1H35M IFF 222 FFP 244
 40301 DST 03 8714- 8800 351MDSN CUSH 685 WTR 004
 40331 FINAL OP 1H35M IFF 330 FFP 571
 50102 351MDSN PERF W/ 2/FT 8979- 8996 007
 50202 351MDSN PERF JET W/ 2/FT 8979- 8984 008
 50302 354HETH PERF W/ 2/FT 7766- 7780 009

33 N 139 W 103 2 10002 0468768910363407 0468775310363226
 10010 033 00043273 80300 4533710 911359MSSP 9290077
 10021 TWP N 139 RGE W 103 SEC 2 055TH PRINCIPAL
 101 NDAK GLDN VAL A 660 FSL 750 FEL W2 SE SE NO
 102 KISSINGER PET ETAL 16-2 MESA FEDERAL
 103 2703 GR SQUARE BUTTE
 104 2714 DF 2704 P API 33 033 00043 00
 105 SPUD 01/31/1976 COMP 02/28/1976 ROTARY D&A-0G
 107 DTD 9290 FM/TO 359MSSP
 40101 DST 01 8966- 9008 353CRLS S002
 40102 OVERLAPS 353MIDL
 40131 FINAL OP 1H30M IFF 544 FFP 731 BHT 170F
 40201 DST 02 9184- 9195 353MIDL S003
 40202 OVERLAPS 353FRBG
 40231 FINAL OP 2H IFF 512 FFP 656 BHT 217F

130

33 N 139 W 103 5 10002 0468882510371196 0468884910371162

06/08/78

33 N 137 W 104

33 N 138 W 100

33 N 138 W 100

33 N 138 W 101 2

THERMAL LISTING

06/08/78

PETROLEUM INFORMATION CORP.

PAGE 697

SUB FILE GEOTHERMAL LISTING

33 N 139 W 103 5 10010 033 00012273 7850550 910353FRBG 9310368
 10021 TWP N 139 RGE W 103 SEC 5 055TH PRINCIPAL
 101 NDAK GLDN VAL A 739 FNL 660 FNL NW NW WF WF
 102 SHELL OIL 11-5 FEDERAL
 103 2822 KB 2808 GR WILDCAT
 104 API 33-033- 00012 00
 105 SPUD 12/04/1967 COMP 12/27/1967 ROTARY D&A-0
 107 DTD 9310 FM/TO 353FRBG
 40101 DST 01 9240- 9310 353FRBG 004
 40131 FINAL OP 2H IFF 1512 FFP 4231 BHT 220F

33 N 139 W 103 9 10002 0468620510367459 0468631710367284
 10010 033 00018273 99999 5784051 110353FRBG 351MDSN 9255569
 10021 TWP N 139 RGE W 103 SEC 9 055TH PRINCIPAL
 101 NDAK GLDN VAL A 580 FSL 580 FEL SE SE SE WF WFD
 102 MULE CREEK OIL 1-449 GOVT-TAYLOR
 103 2785 KB 2773 GR UNNAMED
 104 2783 ES 2775 GR P API 33-033- 00018 00

06/08/78

33 N 138 W 102 1

33 N 138 W 104 1

33 N 139 W 103 5 10010 033 00012273 7850550 910353FRBG 9310368
 10021 TWP N 139 RGE W 103 SEC 5 055TH PRINCIPAL
 101 NDAC GLDN VAL A 739 FNL 660 FWL NW NW WF WF
 102 SHELL OIL 11-5 FEDERAL
 103 2822 KB 2808 GR WILDCAT
 104 UNNAMED API 33-033- 00012 00
 105 SPUD 12/04/1967 COMP 12/27/1967 ROTARY D&A-0
 107 DTD 9310 FM/TO 353FRBG
 40101 DST 01 9240- 9310 353FRBG 9275 004
 40131 FINAL OP 2H IFF 1512 FFP 4231 BHT 220F

131

33 N 139 W 103 9 10002 0468620510367459 0468631710367284
 10010 033 00018273 99999 5784051 110353FRBG 351MDSN 9255569
 10021 TWP N 139 RGE W 103 SEC 9 055TH-PRINCIPAL
 101 NDAC GLDN VAL A 580 FSL 580 FE SE SE WF WFD
 102 MULE CREEK OIL 1-449 GOVT-TAYLOR
 103 2785 KB 2773 GR UNNAMED
 104 2783 ES 2775 GR P API 33-033- 00018 00
 105 SPUD 02/23/1969 COMP 05/11/1969 ROTARY OIL
 107 DTD 9255 PB 9232 FM/TO 353FRBG
 20102 351MDSN PERF JET 9185- 9166 010
 40101 DST 01 9146- 9194 351MDSN CUSH 1250 WTR S004
 40131 FINAL OP 2H IFF 685 FFP 1004 BHT 216F
 40201 DST 02 9172- 9205 351MDSN CUSH 1250 WTR S005
 40231 FINAL OP 2H IFF 685 FFP 1140
 50102 353FRBG PERF W/ 4/FT 9184- 9191 GROSS 007
 50202 353FRBG PERF W/ 4/FT 9184- 9186 008
 50302 351MDSN PERF JET 9185- 9186 009

132

33 N 139 W 103 10 10002 0468697910366473 0468707610366363
 10010 033 00022273 80400 5784011 110351MDSN 353FRBG 9103969
 10021 TWP N 139 RGE W 103 SEC 10 055TH-PRINCIPAL
 101 NDAC GLDN VAL A 1956 FNL 1823 FWL NW SE NW WO WOE
 102 MULE CREEK OIL 2-2210 GOVT-TAYLOR
 103 2681 KB 2667 GR SQUARE BUTTE
 104 UNNAMED API 33-033- 00022 00
 105 SPUD 06/03/1969 COMP 07/24/1969 ROTARY OIL
 107 DTD 9103 PB 9100 FM/TO 351MDSN
 20102 353FRBG PERF JET 9091- 9092 007
 40101 DST 01 8854- 8925 351MDSN 002
 40131 FINAL OP 1H30M IFF 66 FFP 460 BHT 210F
 40201 DST 02 9055- 9093 351MDSN 9074 S004
 40231 FINAL OP 2H IFF 46 FFP 733 BHT 220F
 50102 351MDSN PERF JET 9091- 9092 006

133

35.2°C/mw

33 N 139 W 103 11 10002 0468696310364375 0468709810364230
 10010 033 00034273 80400 2584310 911353FRBG 9161671
 10021 TWP N 139 RGE W 103 SEC 11 055TH-PRINCIPAL
 101 NDAC GLDN VAL A 1980 FNL 1880 FWL W2 SE NW WO
 102 EMPIRE STATE OIL 11-1 U S GOVT
 103 2706 KB 2692 GR SQUARE BUTTE

134

33 N 139 W 103 11 104 2706 OF 2696 GR P API 33-033- 00034 00
 105 SPUD 04/05/1971 COMP 05/30/1971 ROTARY D&A-0G
 107 DTD 9161 FM/TO 353FRBG
 40101 DST 01 9136- 9161 353FRBG S003
 40102 OVERLAPS 352MSNC
 40131 FINAL OP 2H IFF 154 FFP 391 BHT 190F

33 N 139 W 103 15 10002 0468548710364820 0468555410366230
 10010 033 00020273 80400 5784011 110353FRBG 351MDSN 9191769
 10021 TWP N 139 RGE W 103 SEC 15 055TH PRINCIPAL
 101 NDAC GLDN VAL A 2095 FNL 1867 FWL SW SE NW WO WOE
 102 MULE CREEK OIL 1-2215 GOVT-BROWN
 103 2762 KB 2749 GR SQUARE BUTTE
 104 2760 ES 2752 GR P API 33-033- 00020 00
 105 SPUD 05/10/1969 COMP 07/10/1969 ROTARY OIL
 107 DTD 9191 PB 9190 FM/TO 353FRBG
 20102 351MDSN PERF W/ 4/FT 9182- 9183 009
 40101 DST 01 9095- 9100 351MDSN CUSH 1250 WTR S004

06/08/78

PETROLEUM INFORMATION CORP

PAGE 698

SUB FILE GEOTHERMAL LISTING

33 N 139 W 103 11 104 2706 DF 2696 GR P API 33-033- 00034 00
 105 SPUD 04/05/1971 COMP 05/30/1971 ROTARY D&A-0G
 107 DTD 9161 FM/TO 353FRBG
 40101 DST 01 9136- 9161 353FRBG S003
 40102 OVERLAPS 352MSNC
 40131 FINAL OP 2H IFF 154 FFP 391 BHT 190F

33 N 139 W 103 15 10002 0468548710366520 0468555410366230
 10010 033 00020273 80400 5784011 110353FRBG 351MDSN 9191769
 10021 TWP N 139 RGE W 103 SEC 15 055TH PRINCIPAL
 101 NDAK GLEN VAL A 2093 FNL 1867 FNL SH SE NW WOE
 102 MULE CREEK OTE 1-2215 GOVT-BROWN
 103 2763 KB 2749 GR SQUARE BUTTE
 104 2760 ES 2752 GR P API 33-033- 00020 00
 105 SPUD 05/10/1969 COMP 07/10/1969 ROTARY OIL
 107 DTD 9191 PB 9190 FM/TO 353FRBG
 20102 351MDSN PERF W/ 4/FT 9182- 9183 009
 40101 DST 01 8945- 9010 354RCLF CUSH 9010 WTR S002
 40102 OVERLAPS 353LSSL
 40131 FINAL OP 2H IFF 44 FFP 867 BHT 212F
 40201 DST 02 9161- 9188 351MDSN MISRUN 004
 40301 DST 03 9143- 9188 353MSSN S005
 40302 OVERLAPS 353FRBG
 40331 FINAL OP 1H12H IFF 59 FFP 665 BHT 230F
 50102 351MDSN PERF W/ 4/FT 9182- 9183 007
 50202 351MDSN PERF W/ 4/FT 9182- 9183 008

135

0

33 N 140 W 80 15 10002 0469263210082845 0469275910082927
 10010 015 00027273 9999950 900202MNP 7730969
 10021 TWP N 140 RGE W 80 SEC 19 055TH PRINCIPAL
 101 NDAK BURLEIGH A 660 FSL 500 FNL SH SH WF WF
 102 JOHNSTON E C JR 1 L EDWARDS
 103 1865 KB 1852 GR WILDCAT
 104 1862 DF 1852 GR P API 33-015- 00027 00
 105 SPUD 07/04/1969 COMP 07/31/1969 ROTARY D&A
 107 DTD 7730 LTD 7728 FM/TO 202MNP
 40101 DST 01 6872- 6896 203RDRV 002
 40131 FINAL OP 2H30M IFF 68 FFP 412 BHT 136F
 40201 DST 02 7658- 7670 202MNP 003
 40231 FINAL OP 1H IFF 2906 FFP 3601 BHT 150F

136

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33 N 140 W 93 11 10002 0469625010238404 0469606810238466
 10010 089 00147273 3996350 901351MDSN 8780977
 10021 TWP N 140 RGE W 93 SEC 11 055TH PRINCIPAL
 101 NDAK STARK A 660 FNL 810 FNL E2 NW NW WF WF
 102 INEXCO OTE 1 ANNA-HOFF
 103 2278 GR WILDCAT
 104 2258 DF 2278 P API 33 089 00147 00
 105 SPUD 04/29/1974 COMP 05/15/1974 ROTARY D&A-G
 107 DTD 8780 FM/TO 351MDSN
 40101 DST 01 8500- 8630 352MSNC S002

137

06/08/78

PETROLEUM INFORMATION CORP

PAGE 699

SUB FILE GEOTHERMAL LISTING

33 N 140 W 93 11 40131 FINAL OP 1H30M IFF 1194 FFP 2556 BHT 184F
 33 N 140 W 95 12 10002 0469612510261582 0469603210261649
 10010 089 00135273 9999950 900354OTTR 7915573
 10021 TWP N 140 RGE W 95 SEC 12 055TH PRINCIPAL
 101 NDAK STARK A 660 FNL 660 FNL C NW NW WF WF
 102 RAINBOW RESOURCES 1-12 M A REBEL
 103 2502 KB 2488 GR WILDCAT
 104 2498 DF 2488 P LSE NO API 33-089 00135-00
 105 SPUD 04/06/1975 COMP 04/19/1973 ROTARY D&A
 107 DTD 7915 FM/TO 354OTTR
 40101 DST 01 7743- 7750 402TYLAB 004
 40131 FINAL OP 0H30M IFF 1416 FFP 3198 BHT 192F

33 N 140 W 95 17 10002 0469433310268527 0469422210268513
 10010 089 00134273 9999950 910354OTTR 7878473

06/08/78

33 N 138 W 104

33 N 138 W 104

33 N 139 W 94

33 N 139 W 96

06/08/78

33 N 139 W 96

33 N 139 W 97

33 N 140 W 93 11 40131 FINAL OP 1430M IFF 1194 FFP 2556 BHT 184F

33 N 140 W 95 12 10002 0469612510261582 0469603210261649
 10010 089 00135273 9999950 9003540TTR 7915573
 10021 TWP N 140 RGE W 95 SEC 12 055TH PRINCIPAL
 101 NOAK STARK A 660 FNL 660 FNL NW NE WF WF
 102 RAINBOW RESOURCES 1-12 M REBEL
 103 2502 KB 2488 GR WILDCAT
 104 2498 DF 2488 GR P LSE NO API 33-089- 00135-00
 105 SPUD 04/06/1973 COMP 04/19/1973 ROTARY D&A
 107 DTD 7915 FM/TO 3540TTR
 40101 DST 01 7743- 7750 402TYLRB 004
 40131 FINAL OP 0430M IFF 1416 FFP 3198 BHT 192F

138

33 N 139 W 96

33 N 139 W 97

33 N 140 W 95 17 10002 046943310268527 0469422210268513
 10010 089 00134273 9999950 9103540TTR 7878473
 10021 TWP N 140 RGE W 95 SEC 17 055TH PRINCIPAL
 101 NOAK STARK A 1980 FNL 659 FEL SE NE WF WF
 102 RAINBOW RESOURCES ETAL 1-17 PIRKL
 103 2420 KB 2406 GR WILDCAT
 104 2412 DF 2402 GR P LSE NO API 33-069- 00134-00
 105 SPUD 02/25/1973 COMP 03/13/1973 ROTARY D&A-0
 107 DTD 7878 FM/TO 3540TTR
 40101 DST 01 7675- 7692 402TYLRB 768V 003
 40131 FINAL OP 1H IFF 1278 FFP 2912 BHT 198F

139

363°C/hmv

33 N 139 W 97

33 N 140 W 95 23 10002 0469209510261979 0469199710262035
 10010 089 00164273 9999950 9103540TTR 7786974
 10021 TWP N 140 RGE W 95 SEC 23 055TH PRINCIPAL
 101 NOAK STARK A 530 FSL 530 FEL SE SE WF WF
 102 LARSEN TRANT 1 EUGENE PELTON
 103 2467 KB 2456 GR WILDCAT
 104 2466 DF 2457 GR P LSE NO API 33-089- 00164-00
 105 SPUD 08/11/1974 COMP 08/27/1974 ROTARY D&A-0
 107 DTD 7786 FM/TO 3540TTR
 40101 DST 01 7637- 7674 402TYLR 7656 003
 40131 FINAL OP 1H IFF 2670 FFP 3430 BHT 170F

140

33 N 139 W 97

33 N 140 W 95 31 10002 0469003110272237 0469004810272066
 10010 089 00069273 4200050 9113540TTR 7930269
 10021 TWP N 140 RGE W 95 SEC 31 055TH PRINCIPAL
 101 NOAK STARK A 1980 FNL 530 FNL SW NW WF WF
 102 JORDAN TOM 1 C D CREEK
 103 2494 KB 2484 GR WILDCAT
 104 2492 ES 2484 GR P API 33-089- 00069 00
 105 SPUD 12/08/1968 COMP 01/01/1969 ROTARY D&A-0G
 107 DTD 7930 LTD 7930 FM/TO 3540TTR
 40101 DST 01 7756- 7780 419MMLS 5004
 40102 OVERLAPS 402TYLRA
 40131 FINAL OP 2H IFF 94 FFP 165 BHT 190F

141

33 N 139 W 98

33 N 140 W 96 5 10002 0469736610282209 0469728110282163
 10010 089 00158273 9999950 9003540TTR 8142374
 10021 TWP N 140 RGE W 96 SEC 5 055TH PRINCIPAL
 101 NOAK STARK A 3450 FSL 1864 FNL NW SE NW WF WF
 102 BOMAC EXPL 1 ALBERT FICEK
 103 2445 GR WILDCAT
 104 2457 DF 2447 GR P LSE NO API 33-089- 00158-00
 105 SPUD 06/28/1974 COMP 07/20/1974 ROTARY D&A
 107 DTD 8142 LTD 8136 FM/TO 3540TTR
 40101 DST 01 7919- 7965 402TYLRB 7956 002
 40131 FINAL OP 1H IFF 1467 FFP 1846 BHT 194F

33 N 139 W 98

33 N 140 W 96 10 10002 0469509810276852 0469501910276758
 10010 089 00172273 16300 6552060 910402TYLR 795627E
 10021 TWP N 140 RGE W 96 SEC 10 055TH PRINCIPAL
 101 NOAK STARK A 660 FSL 660 FEL C SE SE C D
 102 PATRICK PET ETAL 1 DVORAK-FLB
 103 2481 KB 2470 GR DICKINSON
 104 2483 DF 2473 GR P LSE NO API 33-089- 00172-00
 105 SPUD 12/20/1974 COMP 01/18/1975 ROTARY D&A-0

33 N 139 W 98

06/08/78

PETROLEUM INFORMATION CORP

PAGE 700

FORMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 140 W 96 5 10002 0469736610282209 0469728110282163
 10010 089 00158273 9999950 9003540TTR 8142874
 10021 TWP N 140 RGE W 96 SEC 5 055TH PRINCIPAL
 101 NDAK STARK A 3450 FSL 1864 FHL C SH NH D WF 142
 102 BONAL EXPL I ALBERT PVECK
 103 2445 GR WILDCAT
 104 2457 DF 2447 GR P LSE NO API 33-089- 00158-00
 105 SPUD 06/28/1974 COMP 07/20/1974 ROTARY D&A
 107 DTD 8142 LTD 8136 FM/TO 3540TTR
 40101 DST 01 7919- 7965 402TYLR 002
 40131 FINAL OP 1H IFF 1467 FFP 1846 BHT 194F

33 N 139 W 98 3

33 N 140 W 96 10 10002 0469509810276852 0469501910276758
 10010 089 00172273 16300 6552060 910402TYLR 7956275
 10021 TWP N 140 RGE W 96 SEC 10 055TH PRINCIPAL
 101 NDAK STARK A 660 FSL 660 FHL C SE SH D 143
 102 PATRICK PET ETAL I DVORAK EUB
 103 2481 KB 2470 GR DICKINSON
 104 2483 DF 2473 GR P LSE NO API 33-089- 00172-00
 105 SPUD 12/20/1974 COMP 01/18/1975 ROTARY D&A-O
 107 DTD 7756 LTD 7950 FM/TO 402TYLR
 40101 DST 01 7858- 7900 402TYLR S002
 40131 FINAL OP 0445H IFF 77 FFP 77 BHT 176F

33 N 139 W 98 4

33 N 140 W 96 11 10002 0469583710276005 0469577110276000
 10010 089 00143273 16300 1310060 901402TYLR 7940074
 10021 TWP N 140 RGE W 96 SEC 11 055TH PRINCIPAL
 101 NDAK STARK A 1980 FHL 1320 FHL C 52 NH D 144
 102 CARDINAL PETROLEUM ETAL I KESTING STATE
 104 API 33 089 00143 00
 105 SPUD 02/23/1974 COMP 03/10/1974 ROTARY D&A-G
 107 DTD 7940 LTD 7925 FM/TO 402TYLR
 40101 DST 01 7830- 7880 402TYLR S002
 40131 FINAL OP 1H IFF 60 FFP 60 BHT 182F

33 N 139 W 98 5

33 N 140 W 96 15 10002 0469368010277410 0469369610277308
 10010 089 00100273 16300 1310061 110354METH 402TYLR 8000770
 10021 TWP N 140 RGE W 96 SEC 15 055TH PRINCIPAL
 101 NDAK STARK A 660 FSL 1980 FHL C SH SH D DO 145
 102 CARDINAL PETROLEUM 15-15 SCHAES
 103 2536 KB DICKINSON
 104 2535 DF 2525 GR P LSE NO API 33-089- 00100-00
 105 SPUD 05/18/1970 COMP 06/16/1970 ROTARY OIL
 107 DTD 8000 LTD 7945 FM/TO 354METH
 20102 402TYLR PERF JET W/ 4/FT 7886- 7896 GROSS 006
 40101 DST 01 7865- 7945 402TYLR S002
 40110 GAS TS IN 33H RE-OPEN
 40111 GAS TS IN BURNED 3 FT FLARE
 40131 FINAL OP 2H IFF 432 FFP 1408 BHT 196F
 50102 402TYLR PERF JET W/ 4/FT 7886- 7896 GROSS 004
 50202 402TYLR PERF JET W/ 4/FT 7886- 7896 GROSS 005

33 N 139 W 98 6

06/08/78

PETROLEUM INFORMATION CORP

PAGE 701

FORMAL LISTING

SUB FILE GEOTHERMAL LISTING

06/08/78

33 N 140 W 96 15 10002 0469440510278484 0469440810278386
 10010 089 00106273 16300 1310060 910402TYLR 7973871
 10021 TWP N 140 RGE W 96 SEC 15 055TH PRINCIPAL
 101 NDAK STARK A 1980 FHL 660 FHL C SH NH D
 102 CARDINAL PETROLEUM 5-15 KADRNAS ETAL
 103 2518 KB 2507 GR DICKINSON
 104 2515 DF 2507 GR P LSE NO API 33-089- 00106-00
 105 SPUD 07/18/1971 COMP 08/06/1971 ROTARY D&A-O
 107 LTO 7973 FM/TO 402TYLR
 40101 DST 01 7300- 7940 402TYLR S002
 40131 FINAL OP 3H IFF 91 FFP 227 BHT 178F

33 N 139 W 98 8

33 N 139 W 98 10

33 N 140 W 96 15 10002 0469385710278189 0469387810278113
 10010 089 00121273 16300 1310060 911402TYLR 8000071
 10021 TWP N 140 RGE W 96 SEC 15 055TH PRINCIPAL
 101 NDAK STARK A 1320 FSL 1320 FHL C SH C D
 102 CARDINAL PETROLEUM 15X KRALICEK-KADRNAS
 103 2572 KB 2561 GR DICKINSON

PI REF. #	WELL NAME	COMPANY/OPERATOR NAME	TYPES OF LOGS RUN	COUNTY	LOCATION		TOTAL DEPTH LOGGED (FT)
					T	R SEC	
K6775Z	#2	GLENDIVE QUAD			47.441°/104.044°	T146N R105W S27	1480
K6775X	Federal 5-9				47.229°/103.496°	T143N R101W S9	5000
K6776S	#1				47.644°/103.972°	T148N R104W S18	1496
K6775Y	#3				47.412°/103.379°	T145N R100W S2	1793

GRAND JUNCTION OFFICE, DOE, OPEN FILES - GEOPHYSICAL

WELL LOGS OF NURE NATIONAL LOGGING PROGRAM

The Grand Junction, Colorado, Office, U.S. Department of Energy (DOE), has placed on open file 118 well logs obtained from the National Logging Program, which is part of the National Uranium Resource Evaluation (NURE). They are available for perusal only at the Technical Library, Grand Junction Office, DOE.

The logs obtained between January 1 and March 31, 1980, include the following types: Electric - SP, single point resistance, resistivity; natural gross gamma ray; neutron/neutron; gamma/gamma density; temperature; caliper; and KUT (potassium, uranium, and thorium) [Mariposa well only]. Not all log types have been run in every well.

Logs will be placed on open file periodically as they are acquired.

Objective of the National Logging Program is to acquire subsurface data by conducting downhole geophysical logging of existing and future holes drilled for purposes other than uranium exploration. NURE is a program of DOE's Grand Junction Office to acquire and compile geological and other information with which to assess the magnitude and distribution of uranium resources and to determine areas favorable for the occurrence of uranium in the United States.

Logs from the current open filing (see attached lists) are from south Texas, Wyoming, Denver-Julesburg Basin, Williston Basin, eastern Nevada, and the San Joaquin Valley. The logs may be purchased from:

PETROLEUM INFORMATION
P. O. Box 2612
Denver, CO 80201
Tel: 303/825-2181

PETROLEUM INFORMATION
P. O. Box 3150
Midland, TX 79701
Tel: 915/682-0591

GULF COAST WELL LOG SERVICE
4150 Westheimer
Houston, TX 77027
Tel: 713/871-1974

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Resistance - R, Resistivity - R, Gamma Ray - GR, Neutron - N, Density - Den, Temperature - T, Caliper - Cal, Spectral/Gamma - KUT, Self Potential - SP