

NEVADA

~~210150~~
GLOI 9575

> 50°C/100m

well	d	°F	PLOT
2	3796	164	GRADIENT AGAINST DEPTH
15	2750	130	
18	2010	107	
	<u>8556</u>		

av depth 2852' = 869m

> 45°C/100m and < 50°C/100m

well	d	°F
5	4853	169
14	6598	214
17	5190	181
	<u>16641</u>	av d = 5547

16641 - 3
32240 - 5
31141 - 6
571585

> 40°C/100m + less than < 45°C/100m

well	d	°F	
3	6424	195	
12	7172	209	
13	7412	220	
14	6282	190	also listed above
16	<u>4950</u>	156	
	32240	av d = 6448	

1742 m
1742 m

> 35°C/100m and < 40°C/100m

well	d	°F	
1	4045	130	
5	7030	184	← listed above
6	6720	174	
7	4914	152	
17	4388	140	←
17	4044	170	

311-11

NEVADA

TOTAL 18

>50°C/km No WELLS

3



>45°C/km

6

>40°C/km

10

>35°C/km

12

of those less than about
8-9-10-11 lie in an area



9 N 56 E

#1 mi	8	Sec 26	C SE SW ✓
	9	" 27	NE SE SE ✓
	10	" 27	C SE SW
	11	" 34	C NW NE

over an area ~~approximately~~
1 mile in diameter

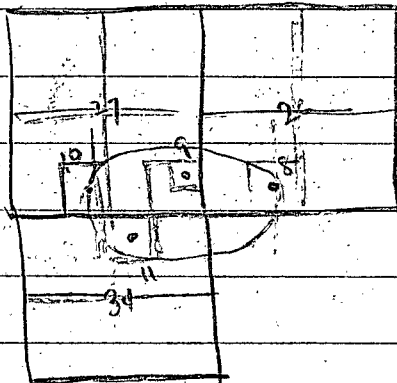
Two others < 35°C/km
4 + 6

are in White River Valley, Nye Co

#6 = grad. of • 34.998°C/km

$$\begin{array}{r} 27 \\ 18 \overline{) 50} \\ \underline{36} \\ 140 \\ \underline{126} \\ 14 \end{array}$$

$$\begin{array}{r} 100 \\ 28 \overline{) 28} \\ \underline{28} \\ 0 \end{array}$$



NEVADA

	API No.	COORD	DEPTH		OF	FORMATION	OVERLAPS	.OC /m GRAD
			RANGE					
A 1	05084		3920-4170	<u>4045</u>	130	VLCC	21.01	38.29
✓ A 2	05197		3720-3872	<u>3796</u>	164	SMNS	31.35 SEVY	(57.14)
A 3	05195		6352-6497	<u>6424</u>	195	JOAN	23.34	X 42.54
4	05206		3690-3804	3747	104	PSLV	16.3	
A 5	05202		4776-4930	<u>4853</u>	169	VLCC	25.2555	(46.87)
			6940-7120	7030	184	VLCC	19.77	36.04
(A*) 6	05207		6633-6808	6720	174	ELY	19.196 .02 low	(34.998)
A 7	05235		4885-4944	<u>4914</u>	152	VLCC	21.77	39.69
8	05240		4950-5062	5006	115	VLCC	13.98	(25.49)
			5063-5163	5113	115	VLCC	13.89	
			5163-5311	5237	118	VLCC	13.85	
			5778-5837	5807	120	VLCC	12.92	
			6264-6398	6331	123	VLCC	12.32	
9	05220		4374-4444	4409	87	VLCC	9.52	
			4630-4827	4728	91	TRTR	9.73	
10	05223		3430-3619	3524	102	VLCC	16.17	
11	05225		3659-3744	3702	104	VLCC	15.93	
			4027-4112	4070	106	VLCC	14.99	
			4130-4270	4200	106	VLCC	14.52	
A 12	05083		7163-7180	<u>7172</u>	209	VLCC	22.87	X 41.68
A 13	05205		7395-7428	7412	220	TRTR	23.61	X 43.03
A 14	05017		6147-6416	6282	190	TRTR	23.08	X 42.07
			6531-6664	6598	214	TRTR	25.21	(46.69)
✓ A 15	06000		2632-2867	<u>2750</u>	130	SMNS	30.90	(56.34)

NEVADA - CONT.

	API No	DEPTH		° F	FM		
A 16	06002	4900-5001	<u>4950</u>	156	UNKN	22.42	X 49.87
A 17	06004	4283-4494	4388	140	UNKN	21.65	39.46
		5115-5264	<u>5190</u>	181	UNKN	26.20	(47.76)
		5989-6100	6044	170	UNKN	28.68	37.70
✓ 18	06005	1951-2068	2010	107	UNKN	30.85	(56.22)

12 out of 18 anomalous

- VLCC - volcanics
- SMNS - simonson
- SEVY - sevy dolomite
- JOAN - joana
- PSLV - pennsylvanian
- ELY - ely
- TRTR - tertiary

BATTLE MTN. HIGH

K <u>meat</u> <u>cm sec °C</u>	Γ <u>°C/km</u>	HFU <u>Mcal</u> <u>cm² sec</u>
7.5	47	3.4
7.6	61	3.8
9.5	35	3.2
8.8	31	2.7
11.2	31	3.5
11.1	30	3.0
11.7	30	3.5
9.2	27	2.5
76.6	29.2	25.6
9.58	36.5	3.2 with average

EUREKA LOW

K	Γ	HFU
8.3	11	.88
3.74	41	1.4
3.0	39	1.2
2.34	49	1.2
4.25	35	1.5
8.32	15	1.2
4.25	35	1.28
4.10	35	1.3
8.02	13	1.1
3.29	48	1.5
3.95	27	1.0
1.85	41	0.7
4.62	32.4	1.2 average

NEVADA

The Petroleum Information file lists eighteen wells in Nevada, all in Nye and White Pine Counties. Most lie in Railroad Valley, Nye County

As might be expected in the Basin and Range Province, a large percentage (72 %) of the wells have anomalous geothermal gradients ($> 35^{\circ}\text{C}/\text{km}$). Of the five low temperature wells, four are grouped within a radius of one-half mile. These are in T 9 N-R 56 E, Nye County. A possible explanation for the low gradients here, in proximity to relatively high gradients, is cooling due to circulating ground water. The remaining low gradient well lies in White River Valley near Adams-McGill Reservoir. Ground water may be the cause of cooling in this well also.

The anomalous gradients in Nevada fall into the following ranges:

<u>Gradient</u>	<u>Number of Wells</u>
$> 50^{\circ}\text{C}/\text{km}$	3
$> 45^{\circ}\text{C}/\text{km}$	6
$> 40^{\circ}\text{C}/\text{km}$	10
$> 35^{\circ}\text{C}/\text{km}$	13

The average depth of temperature measurement for the three wells with gradients greater than $50^{\circ}\text{C}/\text{km}$ is 869 meters, while all other anomalous gradients were calculated from an

average depth of 1,742 meters. Higher temperatures than indicated by the gradients may exist at shallow depths in these wells.

One of the three highest gradient wells has a location which might be favorable for low temperature energy utilization. This well lies about three miles southeast of East Ely. A temperature of 54.4°C at a depth of 838 meters was recorded here. Other high gradient wells appear to be too far from settled areas to be considered for any sort of energy usage.

NEV - CONT.

WELL No	d Ft.	$\frac{d}{F}$	d m.	GRAD $^{\circ} F/1000$	GRAD $^{\circ} C/1000$	
17 ○	4388	140	1.337	21.65	39.46	✓
17 ●	5190	181	1.582	26.20	47.76	✓
○	6044	170	1.842	20.68	37.70	✓
18 ▲	2010	167	0.613	30.85	56.22	✓

PET. INFO. - NEVADA

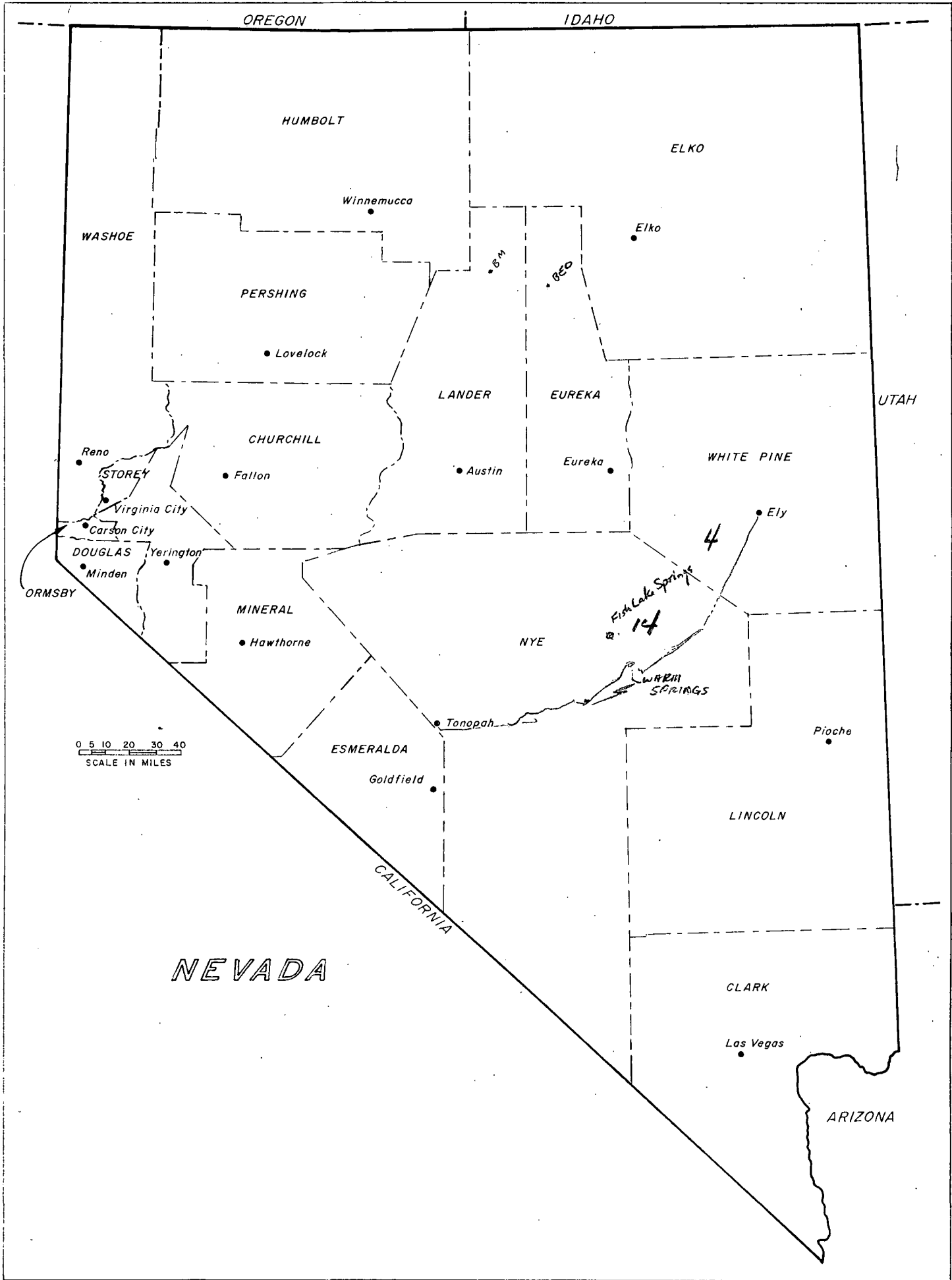
WELLS WITH RECORDED TEMP.

COUNTY	No. OF WELLS
NYE	14
WHITE PINE	4

003

MICROFICHE PAGE	NYE	WHITE PINE
422	III	
423	IIII	
424	III	
425	III	
426	I	III
427		I

Fish Lake Springs Inquiry
6/10/93



0 5 10 20 30 40
SCALE IN MILES

NEVADA

CALIFORNIA

OREGON

IDAHO

HUMBOLT

ELKO

WASHOE

PERSHING

LANDER

EUREKA

UTAH

CHURCHILL

WHITE PINE

Reno

STOREY

Fallon

Austin

Eureka

Virginia City

Carson City

DOUGLAS

Yerington

Minden

ORMSBY

MINERAL

Hawthorne

NYE

Fish Lake Springs
14

4

WARREN SPRINGS

Tonopah

Pioche

ESMERALDA

Goldfield

LINCOLN

CLARK

Las Vegas

ARIZONA

NEVADA

SUR FILE GEOTHERMAL LISTING

25 S 9 W 9 9 40401 DST 04 2670- 2750 351LDGP HISRUN 005
 40402 OVERLAPS 306TRFK
 40431
 40501 DST 05 2675- 2750 351LDGP HISRUN 006
 40502 OVERLAPS 306TRFK
 40531
 40601 DST 06 2675- 2750 351LDGP HISRUN007
 40602 OVERLAPS 306TRFK
 40631 FINAL OP OH10M BHT 77F
 50102 351LDGP PERF W/ 4/FT 2060- 2730 GROSS 009

27 N 5 E 55 29 10002 0382612011580842 0382604311580800
 10010 023 05084132 3170550 900651PLCN 7780370
 10021 TWP N 5 RGE E 55 SEC 29 31MT DIABLO
 101 NEV NTE A 1971 FSL 1980 FEL NH SE WF WF
 102 GULF OIL 1 NYALA UNIT
 103 4820 KB 4809 GR WILDCAT
 104 4919 DF 4909 GR P API 27-023- 05084 00 05084 ① ✓
 105 SPUD 05/01/1967 COMP 06/14/1967 ROTARY D&A
 107 DTD 7780 FM/TO 651PLCN
 40101 DST 01 3920- 4170 000VLCX 002 ✓
 40131 FINAL OP 1H IFF 726 FFP 1473 BHT 130F
 40201 DST 02 7664- 7716 2595LRN HISRUN 003
 40202 OVERLAPS 202EURK
 40231 FINAL OP 1H10M

27 N 6 E 55 1 10002 0384043811574251 0384044411574258
 10010 023 05197132 3170550 900301SEVY 4130370
 10021 TWP N 6 RGE E 55 SEC 1 31MT DIABLO
 101 NEV NTE A 660 FSL 660 FWL SE SW WF WF
 102 GULF OIL 2 DUCK UNIT
 103 4737 KB 4729 GR WILDCAT
 104 4746 DF 4736 GR P API 27-023- 05197 00 05197 ② ✓
 105 SPUD 07/28/1967 COMP 08/15/1967 ROTARY D&A
 107 DTD 4130 PB 3872 FM/TO 301SEVY
 40101 DST 01 3720- 3872 3025MNS 002 ✓
 40102 OVERLAPS 301SEVY
 40131 FINAL OP 3H10M IFF 1580 FFP 1621 BHT 164F

27 N 6 E 56 5 10002 0384040911569968 0384038611569915
 10010 023 05195132 3170550 900359JOAN 6553370
 10021 TWP N 6 RGE E 56 SEC 5 31MT DIABLO
 101 NEV NTE A 664 FSL 1990 FWL SE SW WF WF
 102 GULF OIL 1 DUCK UNIT
 103 4728 KB 4716 GR WILDCAT
 104 4731 DF 4721 GR P API 27-023- 05195 00
 105 SPUD 06/21/1967 COMP 07/24/1967 ROTARY D&A
 107 DTD 6553 FM/TO 359JOAN
 40101 DST 01 6352- 6497 359JOAN 004 ✓
 40131 FINAL OP 1H IFF 10 FFP 21 BHT 195F

SUB FILE GEOTHERMAL LISTING

27 N 6 E 62 7

10002 023 05206132 0381913111505275 0383910211505313
 10010 3170550 900409PSLV 3980370
 10021 TWP N 6 RGE E 62 SEC 7 31MT DIABLO
 101 NEV NYE A 1131 FSL 1726 FWL NH SE SH WF HF 05206 (4) ✓
 102 GULF OIL 1 GOSE /D/ FEDERAL
 103 5283 GR WILDCAT
 104 5280 DF 5270 GR P API 27-023- 05206 00
 105 SPUD 06/10/1968 COMP 06/22/1968 ROTARY D&A
 107 DTD 3980 FM/TO 409PSLV
 40101 DST 01 2690-3804 409PSLV 003
 40131 FINAL OP 1H IFP 539 FFP 1536 BHT 104F ✓

27 N 7 E 56 10

10002 023 05202132 0384806511566716 0384807411566728
 10010 3170550 900651PLCN 7120370
 10021 TWP N 7 RGE E 56 SEC 10 31MT DIABLO
 101 NEV NYE A 1980 FSL 660 FWL NH SH S S 05202 (5) ✓
 102 GULF OIL 1 ANDERSON -D- FED
 103 4719 KB 4708 GR WILDCAT
 104 4719 DF 4709 GR P API 27-023- 05202 00
 105 SPUD 11/24/1967 COMP 12/28/1967 ROTARY D&A
 107 DTD 7120 FM/TO 651PLCN
 40101 DST 01 4776- 4930 000VLCC 002 ✓
 40131 FINAL OP 1H IFP 197 FFP 1510 BHT 169F ✓
 40201 DST 02 6940- 7120 000VLCC 003 ✓
 40231 FINAL OP 0H45M IFP 2309 FFP 3091 BHT 184F ✓

27 N 8 E 62 17

10002 023 05207132 0385522111503283 0385519911503292
 10010 3170550 900409ELY 7067370
 10021 TWP N 8 RGE E 62 SEC 17 31MT DIABLO
 101 NEV NYE A 83 FSL 2580 FWL NH SH WF HF 05207 (6) ✓
 102 GULF OIL 1 GOSE /D/ FEDERAL
 103 5437 GR WILDCAT
 104 5431 OF 5421 GR P API 27-023- 05207 00
 105 SPUD 06/30/1968 COMP 07/22/1968 ROTARY D&A
 107 DTD 7067 FM/TO 409ELY
 40101 DST 01 6633- 6808 409ELY 6720 003 ✓
 40131 FINAL OP 1H IFP 107 FFP 134 BHT 174F ✓

27 N 9 E 56 24

10002 023 05235132 0386254811563191 0386254811563191
 10010 110000VLCC 000VLCC 4944977
 10021 TWP N 9 RGE E 56 SEC 24 31MT DIABLO
 101 NEV NYE A 1980 FSL 660 FWL NH SH WF HF 05235 (7) ✓
 102 CHADCO 24-1 ZUSPANN
 103 4773 KB 4764 GR UNNAMED
 104 API 27 023 05235 00
 105 SPUD 06/23/1977 COMP 08/31/1977 ROTARY OIL
 107 DTD 4944 FM/TO 000VLCC
 20102 000VLCC OPENHOLE UGrd 4885- 4944 004
 40101 DST 01 4885- 4944 000VLCC 5062
 40131 FINAL OP 1H IFP 72 FFP 690 BHT 152F ✓

SUB FILE GEOTHERMAL LISTING

M 1

27 N 9 E 56 26

10002 0386042411564844 0386042411564844
 10010 023 05240132 9999910418160 91000VLCC 7956177
 10021 TWP N 9 RGE E 56 SEC 26 31MT DIABLO
 101 NEV NYE A 660 FSL 1980 FAL C SE SLD D
 102 NORTHWEST EXPL 13 TRAP SPRING
 103 4753 KB 4742 GR UNNAMED
 104 API 27 023 05240 00
 105 SPUD 04/17/1977 COMP 10/05/1977 ROTARY D&A-0
 107 DTD 7956 FM/TO 000VLCC
 40101 DST 01 4950- 5032 000VLCC S002 ✓
 40131 FINAL OP 1H IFF 87 FFP 144 BHT 115F ✓
 40201 DST 02 5063- 5163 000VLCC S003 ✓
 40231 FINAL OP 0H30M IFF 102 FFP 170 BHT 115F ✓
 40301 DST 03 5163- 5313 000VLCC 004 ✓
 40331 FINAL OP 1H IFF 514 FFP 1299 BHT 118F ✓
 40401 DST 04 5278- 5837 000VLCC 005 ✓
 40431 FINAL OP 1H IFF 357 FFP 935 BHT 120F ✓
 40501 DST 05 6264- 6398 000VLCC 006 ✓
 40531 FINAL OP 1H IFF 137 FFP 256 BHT 123F ✓

05240 (8) ✓

27 N 9 E 56 27

10002 0386071111565571 0386071111565571
 10010 023 05220132 9999910418151 110659TRTR 659TRTR 6137K77
 10021 TWP N 9 RGE E 56 SEC 27 31MT DIABLO
 101 NEV NYE A 800 FSL 400 FEL C SE SLD WFD
 102 NORTHWEST EXPL 1 TRAP SPRING
 104 GR LSE NO API 27-023- 05220-00
 105 SPUD 09/25/1976 COMP 11/27/1976 ROTARY OIL
 107 DTD 6137 LTD PB 4853 FM/TO 659TRTR
 20102 000VLCC OPENHOLE 4220- 4853 011
 40101 DST 01 4220- 4374 000VLCC S004 ✓
 40201 DST 02 4374- 4444 000VLCC S005 ✓
 40231 FINAL OP 4H20M IFF 59 FFP 1603 BHT 87F ✓
 40301 DST 03 4630- 4827 659TRTR S006 ✓
 40331 FINAL OP 3H 3H IFF 322 FFP 1888 BHT 91F ✓
 50102 000VLCC OPENHOLE 4220- 4853 008
 50202 000VLCC OPENHOLE 4220- 4853 009
 50302 000VLCC OPENHOLE 4220- 4853 010

05220 (9) ✓

27 N 9 E 56 27

10002 0386033411566517 0386033411566517
 10010 023 05223132 750001041815 110000VLCC 000VLCC 3999178
 10021 TWP N 9 RGE E 56 SEC 27 31MT DIABLO
 101 NEV NYE A 660 FSL 1980 FAL C SE SLD WOE
 102 NORTHWEST EXPL 2 TRAP SPRING
 103 4749 KB 4745 GR TRAP SPRING
 104 API 27 023 05223 00
 105 SPUD 12/22/1976 COMP 01/27/1977 ROTARY OIL
 107 DTD 3995 LTD 3999 FM/TO 000VLCC
 20102 000VLCC PERF W/ 4/FT 3330- 3395 GROSS 009
 40101 DST 01 3256- 3370 000VLCC MISRUN 003
 40201 DST 02 3256- 3370 000VLCC MISRUN 004
 40301 DST 03 3430- 3619- 000VLCC 005

05223 (10) ✓

SUB FILE GEOTHERMAL LISTING

27 N 9 E 56 27 40131 FINAL OP 1H16M IFF 745 FFP 1517 BHT 102F ✓
 50102 OOOVLCC PERF 3330-3380 007
 50202 OOOVLCC PERF 3330-3380 008

27 N 9 E 56 34 10002 0386004111565842 0386004111565842
 10010 023 05225132 7500010418131 110659TRTR OOOVLCC 636R178
 10021 TWP N 9 RGE E 56 SEC 34 31MT DIABLO
 101 NEV NYE A 660 FNL 1980 FEL SE SW NE D DO
 102 NORTHWEST EXPL 3 TRAP SPRING
 103 4751 KB 4740 GR TRAP SPRING
 104 APT 27 023 05225 00
 105 SPUD 01/24/1977 COMP 05/08/1977 ROTARY OIL
 107 OTD 6368 PB 4085 FM/TO 659TRTR
 20102 OOOVLCC PERF SLOT 3268-4085 011 ✓
 40101 DST 01 3659-3744 OOOVLCC SC05
 40131 FINAL OP 1H16M IFF 212 FFP 335 BHT 104F ✓
 40201 DST 02 4027-4112 OOOVLCC 5006 ✓
 40231 FINAL OP 1H IFF 193 FFP 297 BHT 106F ✓
 40301 DST 03 4130-4270 OOOVLCC 5007 ✓
 40331 FINAL OP 1H IFF 98 FFP 107 BHT 106F
 50102 OOOVLCC PERF SLOT 3268-4065 010

05225 (11) ✓

27 N 9 E 57 34 10002 0385960811554213 0385962611554213
 10010 023 05083132 19300 8939361 110000KNK OOOVLCC 8694J67
 10021 TWP N 9 RGE E 57 SEC 34 31MT DIABLO
 101 NEV NYE A 2020 FNL 330 FEL SE SE NE D DO
 102 TEXOMA OIL 1-34 EAGLE SPRINGS UNIT
 103 4758 KB 4747 GR EAGLE SPRINGS
 104 4758 ES 4750 GR P APT 27-023-05083 00
 105 SPUD 06/15/1967 COMP 10/11/1967 ROTARY OIL
 107 OTD 8694 FM/TO 000UNKN
 20102 OOOVLCC PERF JET 7172 7148-7256 008 ✓
 40101 DST 01 7163-7180 OOOVLCC S002 ✓
 40110 GAS TS IN OH14M NO GAUGE
 40111 OIL TS IN OH22M AT 15 80FH
 40131 FINAL OP OH50M IFF 2149 FFP 2653 BHT 209F
 40201 DST 02 7609-7781 000UNKN 003
 40231 FINAL OP 1H IFF 118 FFP 124
 40301 DST 03 8177-8207 000UNKN MISRUN 004
 40401 DST 04 8179-8202 000UNKN MISRUN 005
 40501 DST 05 8299-8321 000UNKN MISRUN 006

05083 (12) ✓

27 N 9 E 57 34 10002 0385970611554766 0385970611554766
 10010 023 05205132 19300 8939360 910659TRTR 8044J68
 10021 TWP N 9 RGE E 57 SEC 34 31MT DIABLO
 101 NEV NYE A 2370 FNL 1655 FEL SE SW NE D D
 102 TEXOMA OIL 2-34 EAGLE SPRINGS UNIT
 103 4755 KB 4745 GR EAGLE SPRINGS
 104 4756 DF 4748 GR P APT 27-023-05205 00
 105 SPUD 03/18/1968 COMP 05/07/1968 ROTARY OIL
 107 OTD 8031 LTD 8044 FM/TO 659TRTR

05205 (13) ✓

06/08/78

PETROLEUM INFORMATION, CORP

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SUB FILE GEOTHERMAL LISTING

27 N 9 E 57 34 40101 DST 01 7395- 7428 659TRR 7412 S002 ✓
 40131 FINAL OP 2H IFF 84 FFP 336 BMT 220F

27 N 9 E 57 36 10002
 10010 023005017132 19300 0385983711551647 0385983711551647
 10021 TWP N 9 RGE E 57 SEC 36 31MT DIABLO
 101 NEV NYE SE NW D DO 05017 (14) ✓
 102 TEXOTA OIL 43-36 UNIT
 103 4803 KB 4791 GR EAGLE SPRINGS
 104 4804 ES 4795 GR P USE NO 1 API 27-023- 05017 00
 105 SPUD 07/04/1965 COMP 08/20/1965 ROTARY OIL
 107 DTD 6752 PB 6700 FM/TO 659TRR
 20102 659TRR PERF W 4/FT 6280- 6365
 20103 659TRR PERF W 4/FT 6540- 6650 GROSS 007
 40101 DST 01 6147- 6416 659TRR 6282 S002 ✓
 40131 FINAL OP 2H IFF 337 FFP 769 BMT 190F ✓
 40201 DST 02 6531- 6664 659TRR 6598 S003 ✓
 40231 FINAL OP 2H IFF 300 FFP 1032 BMT 214F ✓
 50102 659TRR PERF W 4/FT 6280- 6365
 50103 659TRR PERF W 4/FT 6540- 6650 GROSS 005
 50202 659TRR PERF 6280- 6650 GROSS 006

27 N 16 E 64 30 10002 0392268011492288 0392268011482288
 10010 033 06000132 3170550 900000UNKN 3253967
 10021 TWP N 16 RGE E 64 SEC 30 31MT DIABLO
 101 NEV WHITE PN A 990 FNL 330 FNL NH NW WF 06000 (15) ✓
 102 GULF OIL 2 NEVADA FEDERAL-0
 103 6417 OF 6409 GR HILDCAT
 104 6418 OF 6409 GR P API 27-033- 06000 00
 105 SPUD 11/13/1965 COMP 12/02/1965 ROTARY D&A
 107 DTD 3253 FM/TO 000UNKN
 40101 DST 01 2632- 2867 302SMNS 002
 40131 FINAL OP 1H IFF 819 FFP 1082 BMT 130F

27 N 19 E 55 11 10002 0395323011575277 0395323011575277
 10010 033 06002132 3170550 900000UNKN 5047967
 10021 TWP N 19 RGE E 55 SEC 11 31MT DIABLO
 101 NEV WHITE PN A 1980 FNL 660 FNL SH NW WF 06002 (16) ✓
 102 GULF OIL 1 NEVADA VALLEY UNIT
 103 5888 KB 5877 GR NEVADA VALLEY
 104 5890 OF 5881 GR P API 27-033- 06002 00
 105 SPUD 03/19/1966 COMP 04/17/1966 COMB-TL D&A
 107 DTD 5001 LTD 5047 FM/TO 000UNKN
 40101 DST 01 4900- 5001 000UNKN 002
 40131 FINAL OP 1H IFF 1871 FFP 2150 BMT 156F

27 N 19 E 64 17 10002 0395088911478949 0395088911478949
 10010 033 06004132 3170550 900000UNKN 6100967
 10021 TWP N 19 RGE E 64 SEC 17 31MT DIABLO
 101 NEV WHITE PN A 4593 FNL 673 FE SE WF 06004 (17) ✓
 102 GULF OIL 1 NEVADA VALLEY UNIT



SUB FILE GEOTHERMAL LISTING

27 N 19 E 64 17
 10201 GULF OIL NEV-FED-A
 103 6186 GR WILDCAT
 104 6192 E5 6183 GR P API 27-033- 06004 00
 105 SPUD 09/21/1965 COMP 11/07/1965 ROTARY D&A
 107 DTD 6100 FM/TO 000UNKN
 40101 DST 01 4283- 4494 000UNKN 4386 002 ✓
 40131 FINAL OP 1H 1FP 19 FFP 19 BHT 140F
 40201 DST 02 5115- 5264 000UNKN 5196 003 ✓
 40231 FINAL OP 1H 1FP 103 FFP 392 BHT 181F ✓
 40301 DST 03 5994- 6100 000UNKN 6042 004 ✓
 40310 MJD 75 IN 15A
 40331 FINAL OP 0420M 1FP 1675 FFP 2640 BHT 170F

27 N 20 E 61 14
 10002 0395986611506815 0395978111506822
 10010 033 06005132 3170550 90000UNKN 2978967
 10021 TWP N 20 RGE E 61 SEC 14 31MT DIABLO
 101 NEV WHITE PN A 877 FSL 559 FEL SE SE WF WF
 102 GULF OIL 1-BS NEVADA-FEDERAL
 103 6280 DF 6266 GR WILDCAT
 104 6271 GR P API 27-033- 06005 00
 105 SPUD 12/27/1965 COMP 01/18/1966 ROTARY D&A
 107 DTD 2928 FM/TO 000UNKN
 40101 DST 01 1961- 2068 000UNKN 003 ✓
 40131 FINAL OP 1H 1FP 115 FFP 305 BHT 107F

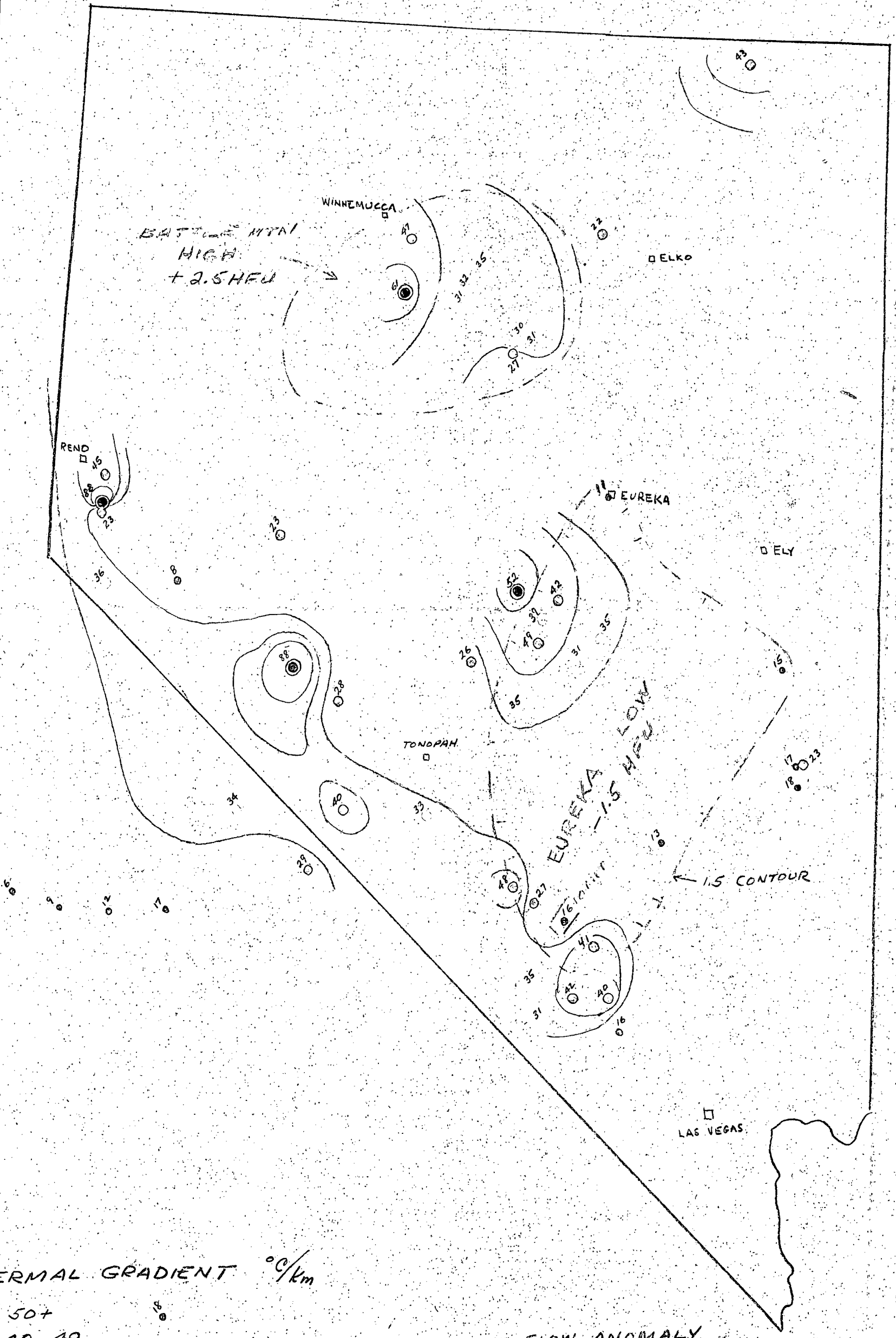
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30 N 9 W 1 8
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 101 NMEX BERNALIL A 2090 FAL 1780 FAL SH SE NW WF WF
 102 SHELL OIL 1 LAGUNA-WILSON TRUST
 103 5394 GR WILDCAT
 104 API 30 001 20001 00
 105 SPUD 09/21/1972 COMP 12/25/1972 ROTARY D&A
 107 DTD 11115 FM/TO 109GRNT
 40101 DST 01 3600- 3651 603MNC5 012
 40131 FINAL OP 1H30M 1FP 734 FFP 1580 BHT 136F

NEW MEXICO

30 N 12 E 30 18
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 101 NMEX SAN MIGL A 958 FSL 117 FAL NW SH SW WF WF
 102 NATIONAL PETROLEUM 1 REEVE CHAPPELL
 103 4067 KB WILDCAT
 104 API 30 047 20007 00
 105 SPUD 05/03/1973 COMP 05/22/1973 ROTARY D&A
 107 DTD 5016 FM/TO 409GRWS
 40101 DST 01 3496- 3630 451AB0 002
 40131 20M 1FP 42 FFP 42 BHT 98F
 40201 DST 02 4548- 4570 409GRWS 003
 40231 FINAL-OP 1H 1FP 87 FFP 156

	K mcal cm sec $^{\circ}C$	Γ $^{\circ}C$ / km	HFU mcal cm ² sec
BM HIGH	9.58	36.5	3.2
EUREKA LOW	4.62	32.4	1.2



THERMAL GRADIENT $^{\circ}C/km$

- 50+
- 40-49
- 30-39
- 20-29
- < 20

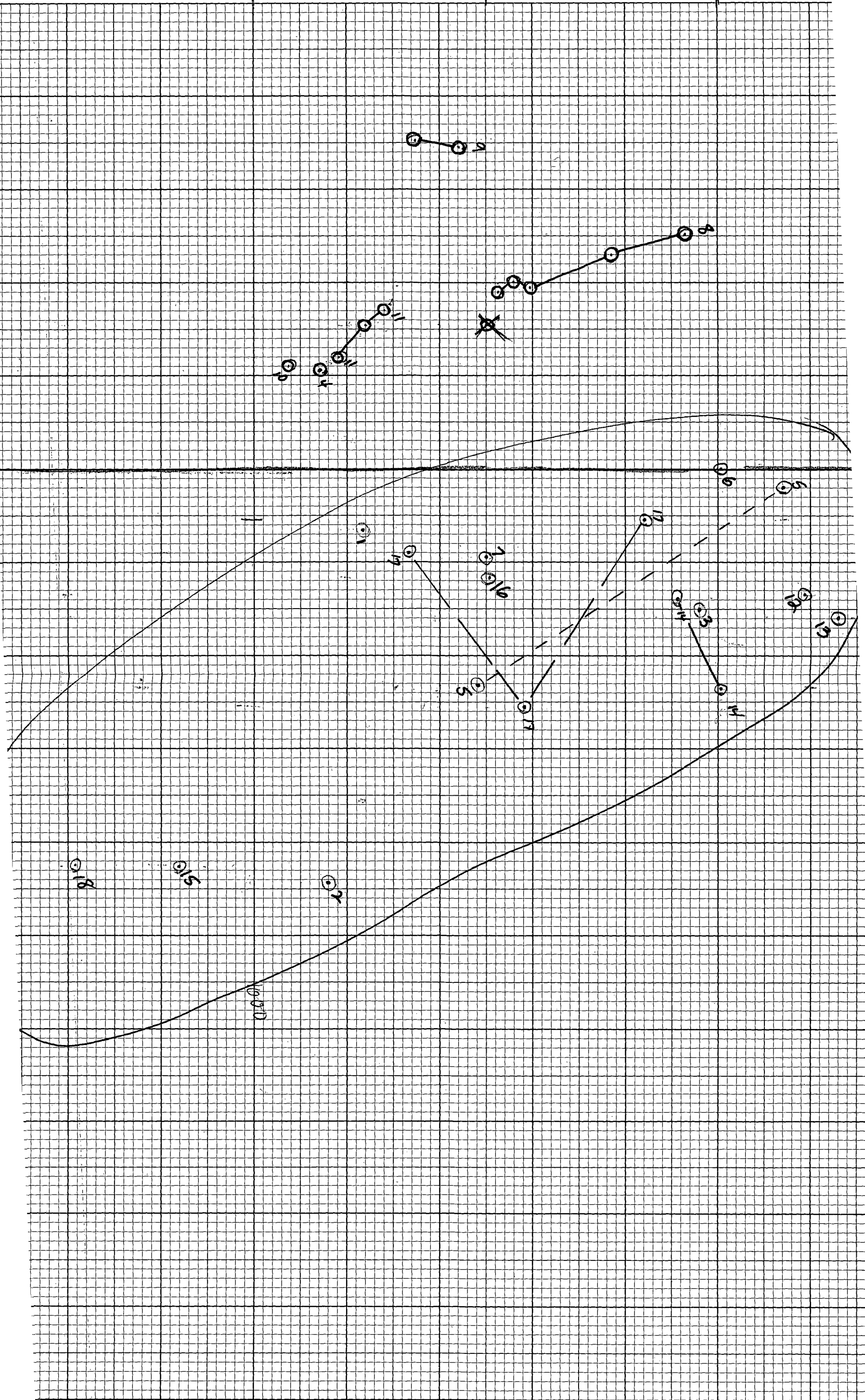
HEAT FLOW ANOMALY

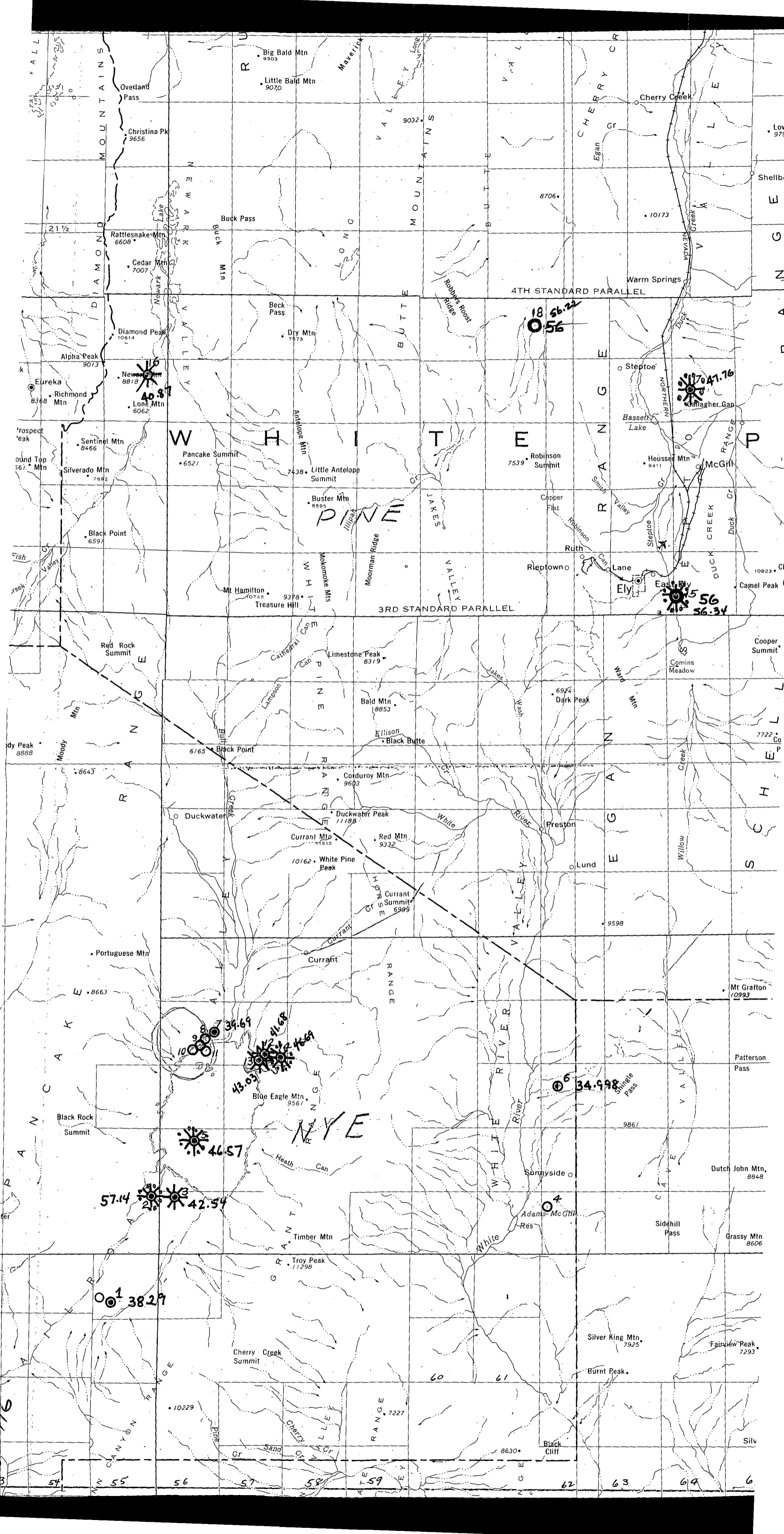
0000

Depth - m.

1500

2000





100 120 140 160 180 200 220 240 260

NEVADA - ALL WELLS

