

GL02863

NEVADA  
CHURCHILL  
ANADARKO PRODUCTION 14-36 Federal  
SE/c 2758n 4832w. API 27-001-90053 (PI)

36-17n-30e MD  
SALT WELLS BASIN  
KGRA AREA SUS

10,000. EI: 4020 GR.  
(Well # chgd fr 44-36; footage chgd fr NW/c 1950s 2400e).  
Contr: Peter Bawden #23. Spud 11-25-80, 13 3/8 @ 850, drld to  
1200, lost & regained circ, drld to 5171, ran logs, drld to 5450, 9 5/8 blank  
lnr 747-5448, drld to 6780, ran logs, drld to 7334, ran 9 5/8 tie back csg  
0-747, ran logs, stk DP (T/fish 5450), could not rec, MLD window in 9 5/8  
blank lnr (interval not reported), PB & ST @ 5389, drld to 7505, ran logs,  
drld to 7948, ran logs, ran DST of OH int 7760-7948, no details, 7 blank lnr  
2978-7948, drld to 8500, ran logs, lost fish, rec fish, ran 4-day flow test of  
OH int 7948-8500, no details, rr 5-19-81, ran 3-day flow test of OH int  
7948-8500 (used nitrogen), tstd non-commercial, TD 8500 (Tertiary).  
...Susp oper 8-15-81.

NV1-082881

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NEVADA  
CHURCHILL  
UNION OIL OF CALIF  
SW SW.

1 Richard Weishaupt  
API 27-001-90055

1-19n-30e MD  
STILLWATER-SODA  
LAKE KGRA SUS

10,000.

Contr: Brinkerhoff-Signal #2. Spud 5-14-81, 20 @ 299, drld to 1404, ran DILL, CNL-FDC, DIPM, 13 3/8 @ 1404, dir drld to 5095, ran DILL 1390-5090, 9 5/8 blank lnr 1182-5078, drld & dir drld to 10,014, max recorded temp: 318 deg F, no fluid encountered, attd to run DI, SONL-TMPL, had partial success, ran DIPM, CNL-FDC, 7 lnr 4972-9995 (all pre-perfd), not cmtd, rr 6-30-81, ran temp survey, temp @ 9950: 353 deg F, nitrogen stimulated, unlcaded to 2000, flow tstd, no entry, TD 10,014 (Felsic Volcanics).  
...Susp oper 7-20-81 (est).

NV1-073181

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NEVADA  
CHURCHILL  
AMAX EXPL  
NW/c 5227s 742e.

16-2211-408 MD  
EDWARDS CREEK  
28-18 McCoy Unit-Federal  
API 27-001-90059 (PI)  
VALLEY AREA SUS

2000. EI: 5719 GR.  
Contr: Anderson. 14 @ 21. Spud 5-27-81, drld to 403, 9 5/8 @ 403,  
rr 6-1-81, TD 403 (Triassic). ...Susp oper 6-1-81.

NV2-062681

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2000. EI: 5860 GR.

(Field name chgd fr Wildcat; footage chgd fr SW/c 1600n 900e).

Contr: Anderson. Spud 3-26-81, 14 @ 22, 7 @ 262, drld to 2000, 2 3/8  
tbg @ 2000, rr 4-26-81, TD 2000 (Permian-Pennsylvanian). ...Temperature  
observation well, comp 4-26-81.

NV1-062681



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NEVADA  
CHURCHILL  
AMAX EXPL  
NW/c 4700s 1900e.

38-9 McCoy Unit-Federal  
API 27-001-90057 (PI)

9-23n-40e MD  
EDWARDS CREEK  
VALLEY AREA TO

2000. EI: 5200 GR.  
(Field name chgd fr Wildcat; footage chgd fr SW/c 300n 1650e).  
Contr: Anderson. Spud 4-16-81, 14 @ 22, drld to 280, stk DP @ 240,  
freed DP, drld to 1330, encountered wtr, 7 @ 1300, drld to 2038, 2 3/8 tbg @  
2038, rr 5-22-81, TD 2038 (Permian-Pennsylvanian). ...Temp observation  
well, comp 5-22-81.

NV3-062681

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NEVADA  
CHURCHILL  
SUNOCO ENERGY DEV  
NE/c 660s 1980w.

52-18 Dixie-Federal

18-24n-37e MD  
DIXIE VALLEY GD

8500. El: 3460 GR.

Contr: Montgomery. Spud 2-9-80, 20 @ 323, 13 3/8 @ 2700, 9 5/8  
@ 6929, drld to 8931, tstd open hole int 6929-8931, no details,  
drld to 9860, ran DI, DENL-NEUT, GRL, flow tstd open hole int 6929-9860, 7  
blank lnr 6750-8545, tstd open hole int 8545-9860, no details, rr 5-8-80,  
TD 9860 (FM-NR). ...Potential geothermal producer, comp 5-8-80.

NV1-062780

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NEVADA  
CHURCHILL  
UNION OIL OF CALIF

2 De Braga

6-19n-31e MD  
STILLWATER AREA  
(Temp Observation)  
GW

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8500. Contr: Coastal. Spud 4-6-79, 20 @ 94, 13 3/8 @ 310, drld to 1205, ran DILL, CNL, DIPM, TMPL, 9 5/8 @ 1194, drld to 6946, ran DILL, CNL, DIPM, TMPL, 7 lnr 987-6940 w/pre-perfs 2724-6940 (OA), rr 5-8-79, on 24 hr test F/150,000# wet steam per hour, temp @ well head: 252 degrees F, 20 psi, max temp @ 6920: 336 degrees F, TD 6946 (Pre-Lake Lahontan Tertiary). ...Susp oper.

NV1-032880

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NEVADA  
CHURCHILL  
SUNOCO ENERGY DEV 3 S. W. Lamb  
NW/c 799s 2204w.

18-24n-37e MD  
DIXIE VALLEY AREA  
GW

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9000. El: 3470 Gr.  
Contr: Montgomery. Spud 8-31-79, 20 @ 330, drld to 9126, ran  
DI-SFL, FDC-CNL, TMPL, 9 5/8 @ 7420, rr 11-26-79, TD 9126.  
FM @ TD: NR. ...Potential geothermal producer, comp 12-24-79.

NV2-032880  
Reissued

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NEVADA  
CHURCHILL  
THERMAL POWER  
C 330s 330w.

45-14 Dixie Federal

14-23n-35e  
DIXIE VALLEY  
AREA GD

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(4-25-79 BK).

Contr: Peter Bawden. Spud 4-25-79, 20 @ 120, 13 3/8 @ 1330,  
drld to 4618, lost hole, PB & KO to 3804, drld to 8534, ran ES,  
TMPL, 9 5/8 @ 5400, tstd, drld to 9022, ran IES, CNL 8500-8900, TD 9022.  
...Susp oper.

NV1-110179

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NEVADA  
CHURCHILL  
THERMAL POWER  
C 990s 990e.

86-21 Dixie-Federal

24-24n-36e MD  
DIXIE VALLEY GW

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8500. (7-20-79 BK).  
Contr: Peter Bawden. Spud 7-11-79, 20 @ 124, 13 3/8 @ 2152,  
drld to 4789, ran ES, TMPL, 9 5/8 blank lnr 1948-4580, drld to  
9780, ran ES, TMPL, 7 lnr 4152-7195, tstd, no details, TD 9780. ... Susp oper.

NV2-110179

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NEVADA  
CHURCHILL  
SUNOCO ENERGY DEV  
NW/c 1170s 255e.

2 S. W. Lamb

18-24n-37e  
DIXIE VALLEY  
AREA GT

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8500. (5-16-79 BK).

Contr: Montgomery. Spud 5-5-79, 20 @ 329, 13 3/8 @ 2750, drld  
to approx 8500, ran csg @ unrptd depth, drld to 8901, ran TMPL,  
PB & KO @ 8300 (approx), redrld to 8580, TD 8901 (OH), TD 8580 (RD #1).  
...Susp oper 9-6-79.

NV3-110179

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NEVADA  
CHURCHILL  
SUNOCO ENERGY DEV  
NW/c 799s 2204w.

3 S. W. Lamb

18-24n-37e MD  
DIXIE VALLEY AREA  
GW

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9000. (9-28-79 BK).

Contr: Montgomery. Spud 8-31-79, 20 @ 330, drld to 9126, ran  
DI-SFL, FDC-CNL, TMPL, 9 5/8 @ 7420, rr 11-26-79, TD 9126.  
...Potential geothermal producer, comp 12-24-79.

NV1-012580

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NEVADA  
CHURCHILL  
THERMAL POWER  
C 990s 990e.

66-21 Dixie-Federal

21-24n-36e MD  
DIXIE VALLEY

GW

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8500. (7-20-79 BK).

Contr: Peter Bawden. Spud 7-11-79, 20 @ 124, 13 3/8 @ 2152, drld to 4789, ran ES, TMPL, 9 5/8 blank lnr 1948-4580, drld to 9780, ran ES, TMPL, 7 lnr 4152-7195, tstd, no details, TD 9780. ...Susp oper.

NV2-022980  
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NEVADA  
CHURCHILL  
PHILLIPS PET  
NE/4.

23-1 Desert Peak

23-22n-27e MD  
EAST BRADY  
AREA GT

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10,000. (3-22-79 BK).  
Contr: Peter Bawden. Spud 3-19-79, drld to 3129, 20 @ 444,  
13 3/8 @ 2980, drld to 9641, ran IES, TMPL, ran csg, no details,  
rr 5-31-79, TD 9641. ...Temp observation well, comp 5-30-79.

NV1-070279

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NEVADA  
CHURCHILL  
PHILLIPS PET  
NE/4.

23-1 Desert Peak

23-22n-27e MD  
EAST BRADY  
AREA GT

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10,000. (3-22-79 BK).  
Contr: Peter Bawden. Spud 3-19-79, drld to 3129, 20 @ 444,  
13 3/8 @ 2980, drld to 9641, ran IES, TMPL, ran csg, no details,  
rr 5-31-79, TD 9641. ...Temp observation well, comp 5-30-79.

NV1-081079



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PI'S NATIONAL GEOTHERMAL SERVICE - 1  
NEVADA

CHURCHILL COUNTY

Phillips Petroleum Company  
#B-23-1 Desert Peak Well  
Field: Desert Peak  
Sec: 23-22N-27E

K3855S	da-ie	444-9642
K3855W	da-c-den-c-neu	444-3071
K3855X	da-c-den	2980-9641
K3855Y	da-bhc-acs	444-9635
K3855Z	da-d-det-neu-life	440-3065
K3856S	da-frac	444-9637
K3856W	da-spectra	470-3070
K3856X	da-cal	444-3071
HC1360C	en-hc	50-9600
K3856Z	s-dir	150-2900
K3857S	da-temp	3000-8400
K3857W	p-ss-temp	0-8740
K3857X	p-ss-temp	0-9460
K3857Y	p-ss-temp	0-9460
K4683W	ru-temp	15-9465

Phillips Petroleum Company  
#7 Strat Test  
Field: Desert Peak  
Sec: 23-22N-27E  
K4683Z at-temp 325-1928

NEVADA

CHURCHILL COUNTY

Union Oil

#2 De Braga

Field: Stillwater

Sec: 6-19N-31E

K4681Z	s-di-sfl	320-6938
K4682S	s-neu-for-den	90-6944
K4682W	s-cont-dip	320-6944
K4682X	s-dip-cpd	1196-6944
K4682Y	s-temp	0-6945

Chevron Oil Company

#29-1 Soda Lake

Field: Soda Lake

Sec: 29-20N-28E

K2635S	s-ies	53-4309
K2635W	s-bhc-son	1013-4314
K2635X	s-c-neu-for-den	180-4305
K2635Y	s-con-dip	1013-4305
HC1349E	expl-hc	1025-4306

Chevron Resources, Inc.

#11-33 Soda Lake

Field: Soda Lake

Sec 33-20N-28E

K3853W	a&s-temp	0-1988
K3853X	a&s-temp	0-1988
K3853Y	a&s-temp	0-1820
K3853Z	geo-egr	500-2000

Chevron Resources Company

#63-33 Soda Lake

Field: Soda Lake

Sec: 33-20N-28E

K3854S	a&s-temp	0-1918
K3854W	a&s-temp	0-1998
K3854X	a&s-temp	0-1998
K3854Y	ms-egr	0-2000
K3854Z	ch-egr	354-1985

Phillips Petroleum Company

#1-B21

Field: Desert Peak

Sec: 21-22N-27E

K4683X	at-temp	100-4100
HC1371C	gv-hc	100-4240

Phillips Petroleum Company

#2 B21

Field: Desert Peak

Sec: 21-22N-27E

K4684W	at-temp	200-3120
HC1371D	gv-hc	100-3192

NEVADA

CHURCHILL COUNTY

Chevron Resources Company

#44-5 Soda Lake

Field: Fallon

Sec: 5-19N-28E

K2633Y	s-2-il-sfl	536-4974
K2633Z	s-bhc-son	485-4900
K2634S	s-bhc-son	443-4980
K2634W	s-c-neu-for-den	535-4980
K2634X	s-con-dip	489-4970
K2634Y	s-temp	0-4740
HC1349D	hc	0-4970

Petroleum Information's Well Log Service has available for purchase electrical well logs on more than 80 geothermal wells in nine states. Logs on wells in California may be purchased from West Coast Well Log Service, Box 9279, 4300 Easton Drive, Bakersfield, California 93389. Phone is (805) 327-5393. Logs for all other wells may be ordered from Rocky Mountain Well Log Service, 333 W. Colfax Avenue, Suite 10, Denver, Colorado 80202, phone (303) 893-2771; or from Electrical Log Services, 500 N. Baird Street, Midland, Texas 79701, phone (915) 682-0591. Reference numbers listed should be used when ordering all logs. The log list will be published periodically and expanded as new geothermal logs become available.

NEVADA  
CHURCHILL  
SUNOCO ENERGY DEV  
NW/c 1070s 250e.

2B S. W. Lamb

18-24n-37e MD  
DIXIE VALLEY GWX

E1: 3470 GR.

Contr: Montgomery.

Old Well Info: Drid & susp by Sunoco Energy Dev, TD 8588,  
9 5/8 @ 7303, 7 @ 7995.

New Info: Resumed operations 11-30-79 (est), CO to OTD 8588, ran DI,  
7995-8056, 7995-8458, FDC-CNL 7995-8056, tstd open hole int 7995-8588, 5 lnr  
7850-8360 (all pre-perf), tstd, no details, TD 8588 (FM-NR). ...Susp oper  
3-15-80 (est).

NV1-053080



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NEVADA  
CHURCHILL  
SUNOCO ENERGY DEV  
NE/c 660s 1980w.

52-18 Dixie-Federal

18-24n-37e MD  
DIXIE VALLEY GD

8500. El: 3460 GR.  
Contr: Montgomery. Spud 2-9-80, 20 @ 323, 13 3/8 @ 2700, 9 5/8  
@ 6929, drld to 8931, tstd open hole int 6929-8931, no details,  
drld to 9860, ran DI, DENL-NEUT, GRL, flow tstd open hole int 6929-9860, 7  
blank lnr 6750-8545, tstd open hole int 8545-9860, no details, rr 5-8-80,  
TD 9860 (FM-NR). ...Potential geothermal producer, comp 5-8-80.

NV1-072580

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NEVADA  
CHURCHILL  
REPUBLIC GEOTHERMAL 64-14 Strat Test-Federal  
SW/c 3395n 3393e.

14-24n-36e MD  
DIXIE VALLEY AREA  
U

3000. El: 3430 GR.

Contr: Dixie. Spud 7-12-80, 10 3/4 @ 120, 7 @ 480, drld to 3010,  
2 3/8 tbg @ 3010, rr 8-3-80 (est), TD 3010 (Quaternary Alluvium).

...Comp as stratigraphic test 8-3-80.

NV3-082980

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NEVADA

CHURCHILL

AMAX EXPL

sw nw 398 E of W line

(Kettleman system).

14-7 McCoy Unit

API 27-001-90031

7-23n-40e

WILDCAT GW

2000.

Contr: Anderson. Spud 3/21/80. 13 3/8 @ 40, 8 5/8 @ 505, 3 tbg @ 1960.

Ran logs. 2010 TD. Last 1000 feet-no returns. Lost circ. Probed (no details-tight). . .SI, (tight hole). (To be used as temp gradient observation well). Dropped from report until data available.

NV2-082980



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NEVADA  
CHURCHILL  
AMAX EXPL  
nw se.

66-8 McCoy Unit  
API 27-001-60006

8-22n-40e  
WILDCAT GW

2000 ft.

Contr: Anderson. Spud 2/11/79. 8 5/8 @ 500; 6 1/2 @ 700, 2 tbg @ 2500.  
Spl Tops: Tertiary volcanics surf, Mesozic limestone 980, Triassic  
conglomerate 1230. 2510 TD. Probed (no details-tight). . . SI, (tight hole) (To  
be used as temp observation well). Dropped from report until data available.

NV1-082980

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NEVADA  
CHURCHILL  
REPUBLIC GEOTHERMAL  
SE/c 3838n 2354w.

53-15 Strat Test-Federal

15-24n-36e MD  
DIXIE VALLEY AREA  
U

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3000. El: 3550 GR.

Contr: Dixie. Spud 8-6-80, 7 @ 480, drld to 3010, 2 3/8 tbg @  
2970, rr 9-2-80, TD 3010 (Mesozic intrusive). ...Comp as  
stratigraphic test 9-2-80.

NV1-092680



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NEVADA  
CHURCHILL  
SUNOCO ENERGY DEV  
NE/c 661s 1979w.

62-21 Federal

21-24n-37e MD  
DIXIE VALLEY AREA  
SUS

8500. EI: 3400 GR.

Contr: Montgomery #2. Spud 7-8-80, 20 @ 320, 13 3/8 @ 2700, drld to 10,041, ran DI, DENL-NEUT, AVL, SPCT, TMPL, drld to 10,783, 9 5/8 blank Inr @ 7418 (T/Inr NR), tstd open hole int 7418-10,783, no details, ran TMPL, drld to 12,500, tstd, no details, ran temp surveys, 7 blank Inr 7165-9730, tstd open hole int 9730-12,500, no details, rr 10-31-80, TD 12,500 (FM-NR). ...Susp oper 10-31-80.

NV1-122680

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