
* INSTRUMENT SERVICE INC. *

SUB-SURFACE DATA

REPORT PREPARED FOR

COMPANY.....: CALIF. ENERGY

FIELD I.D. ..: COSO 2

WELL I.D.....: TCH 48-11

DATE.....: 01/07/94

 * INSTRUMENT SERVICE INC. *

 SUB-SURFACE DATA

COMPANY: CALIF. ENERGY

DATE: 01/07/94

```
=====
COMPANY name .....: CALIF. ENERGY
FIELD I.D. ....: COSO 2
DATE(xx/xx/xx) .....: 01/07/94
WELL I.D. ....: TCH 48-11
TUBING psi .....: 0
CASING psi .....: 0
PURPOSE .....: BHP,BHT,GRADIENT SURVEY
STATUS .....: STATIC
DEPTH of instrument .....:
ZERO .....: GROUND LEV
PICKUP .....: 3040
TEMPERATURE .....:
CASING SIZE .....:
LINER SIZE .....:
TOP .....:
BOTTOM .....:
PERFORATIONS .....:
TUBING .....: 1.5 HUNG TO 3040"
DATE#1(xx/xx/xx arr/lev):
DATE#2(xx/xx/xx arr/lev):
INST#1 .....: 26789/64-51B
INST#2 .....: 19252/2125#
CLOCK#1 .....: 6
CLOCK#2 .....: 6
STYLUS MARKED(am/pm) ...: 11:31
PRESSURE ON(am/pm) .....: 11:39
AT DEPTH(date/time) .....: 13:55
OFF DEPTH(date/time) ...:
SHUTIN(date/time) .....:
START PRESS(Tbg/Csg) ...:
PRODUCTION TIME .....: 0.0
REPORT I.D.(file) .....: COSO TCH 48-11(DATA15)
=====
```

REMARKS/SPECIAL INSTRUCTIONS:

RAN TWO TEMP INSTRUMENTS AND ONE PRESSURE.
 TUBING HAS 5' OF PERFORATIONS ON BOTTOM.
 SECOND TEMPERATURE INSTRUMENT READ 189.6 F. AT 3040"

```
=====
          MAX          MIN          DELTA
Depth.....: 3040.00      0.00      3040.00
Pressure.....: 1155.90      0.00      1155.90
Temperature...: 192.56      64.00      128.56
=====
```

Data status...: SORTED

 * INSTRUMENT SERVICE INC. *

 SUB-SURFACE DATA

Company...: CALIF. ENERGY
 Well I.D.: TCH 48-11
 Purpose...: BHP,BHT,GRADIENT SURVEY

Date.....: 01/07/94
 Field I.D.: COSO 2
 Prod. time: 0.00

Page: 2

DATA #	DEPTH	PSI	GRAD(psi)	TEMP(deg-F)	.GRAD(T)
1	0.0	0.0	-----	64.0	-----
2	100.0	0.0	+0.00	66.1	+.02
3	200.0	0.0	+0.00	81.0	+.15
4	300.0	0.0	+0.00	101.1	+.20
5	400.0	0.0	+0.00	120.3	+.19
6	500.0	0.0	+0.00	135.8	+.15
7	600.0	28.2	+.28	145.0	+.09
8	700.0	70.9	+.43	149.0	+.04
9	800.0	109.7	+.39	150.6	+.02
10	900.0	154.8	+.45	150.7	+.00
11	1000.0	202.0	+.47	150.4	-.00
12	1100.0	243.1	+.41	150.1	-.00
13	1200.0	288.9	+.46	150.0	-.00
14	1300.0	335.5	+.47	150.0	+0.00
15	1400.0	380.4	+.45	150.9	+.01
16	1500.0	424.4	+.44	151.6	+.01
17	1600.0	470.9	+.47	152.8	+.01
18	1700.0	513.2	+.42	154.1	+.01
19	1800.0	556.2	+.43	156.8	+.03
20	1900.0	600.2	+.44	159.5	+.03
21	2000.0	645.8	+.46	162.4	+.03
22	2100.0	686.9	+.41	165.3	+.03
23	2200.0	733.6	+.47	167.7	+.02
24	2300.0	776.1	+.43	170.3	+.03
25	2400.0	819.7	+.44	173.0	+.03
26	2500.0	866.1	+.46	175.7	+.03
27	2600.0	913.3	+.47	179.4	+.04
28	2700.0	970.4	+.57	182.7	+.03
29	2800.0	1026.2	+.56	186.4	+.04
30	2900.0	1081.1	+.55	188.4	+.02
31	3000.0	1133.9	+.53	190.1	+.02
32	3040.0	1155.9	+.55	192.6	+.06

***** END OF DATA *****

sea level depth: 3840'
 projection 800' @ ~ 3°F/100' → 24°F + 193°F = 217°F

1990年12月

