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GL047805-13

AGNEW AND SWEET

WIRELINE SERVICE

PHONE (805) 327-2267
3914 GILMORE AVENUE
BAKERSFIELD, CALIFORNIA 93308

SUBSURFACE TEMPERATURE SURVEY

OWNER CHEVRON OIL COMPANY FIELD HEBER WELL NAME GTW # 3

WELL DATA

ZERO POINT 10' DEPTH
ELEVATION ZONE
CASING

LINER DESCRIPTION

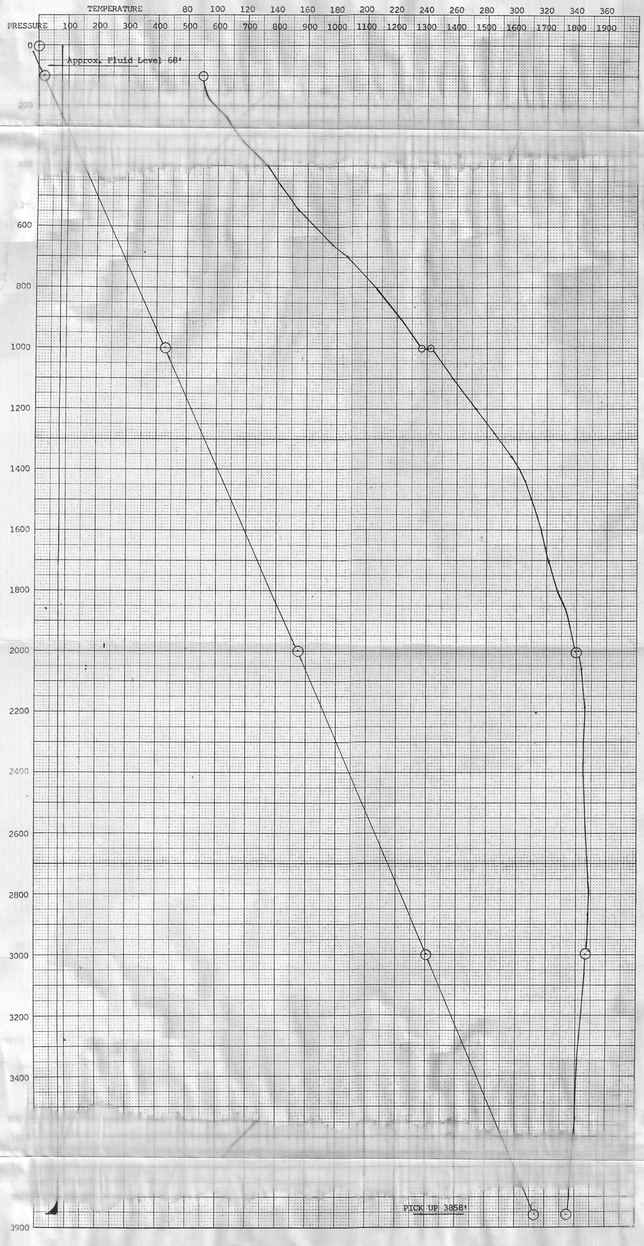
TUBING DETAIL 2-7/8" 3897'

SURVEY CONDITIONS

DATE May 14, 1977
PURPOSE STATIC TEMPERATURE & PRESSURE GRADIENT SURVEY
REMARKS STOPS EVERY 1000 FEET
TRAVERSE 20'/MINUTE
12 HOUR 7½ TURN ☒ TUBING ☐ ANNULUS
INSTRUMENT 78 - 648 °F. SERIAL NUMBER 10025
MAX. TEMPERATURE 348.4 °F. AT 2800'
SHUT IN STABILIZATION PERIOD
PICK UP 3858'
STATUS static
TIME ON BOTTOM 10:08 am
TIME OFF BOTTOM 10:19 am

PRESSURE, P.SIG	START	FINISH
CASING	-	-
TUBING	-	1

INSTRUMENT HUNG AT BY NEVE & HONEYCUTT



SUB-SURFACE TEMPERATURE DATA

DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F	DEPTH	TEMP. °F
100	89.8	780	202.3	1440	305.3	2100	344.8	2780	348.1	3440	341.0
120	90.2	800	207.0	1460	306.6	2120	344.8	2800	348.4	3460	341.0
140	90.5	820	210.7	1480	308.1	2140	345.1	2820	348.4	3480	340.7
160	91.8	840	213.5	1500	309.7	2160	345.4	2840	348.4	3500	340.7
180	94.1	860	216.6	1520	310.9	2180	345.4	2860	348.1	3520	340.4
200	98.0	880	219.7	1540	312.4	2200	345.4	2880	348.1	3540	340.1
220	101.5	900	222.5	1560	314.0	2220	345.4	2900	347.8	3560	339.5
240	105.4	920	225.0	1580	315.5	2240	345.4	2920	347.5	3580	339.5
260	107.9	940	227.8	1600	316.8	2260	345.4	2940	347.5	3600	339.2
280	110.2	960	230.9	1620	317.7	2280	345.1	2960	347.2	3620	338.9
300	113.4	980	234.1	1640	318.9	2300	345.1	2980	347.2	3640	338.6
320	118.6	1000	236.9	1660	319.5	2320	344.8	3000	346.9	3660	338.3
340	122.8		242.5	1680	320.8	2340	344.8		346.6	3680	338.0
360	126.9	1020	246.2	1700	321.7	2360	344.5	3020	346.3	3700	337.7
380	130.2	1040	249.6	1720	322.9	2380	344.5	3040	346.3	3720	337.1
400	133.1	1060	252.7	1740	323.8	2400	344.5	3060	346.0	3740	336.8
420	136.3	1080	254.9	1760	325.1	2420	344.5	3080	345.7	3760	336.5
440	138.9	1100	257.7	1780	326.3	2440	344.8	3100	345.4	3780	336.5
460	141.4	1120	261.8	1800	327.5	2460	345.1	3120	345.1	3800	335.6
480	144.3	1140	264.9	1820	329.1	2480	345.4	3140	344.5	3820	335.6
500	147.8	1160	267.7	1840	330.6	2500	345.4	3160	344.3	3840	335.3
520	150.9	1180	269.9	1860	332.4	2520	345.4	3180	344.0	3858	335.0
540	153.7	1200	272.6	1880	334.2	2540	345.4	3200	343.4		334.4
560	156.6	1220	275.1	1900	335.6	2560	345.7	3220	343.4		
580	160.0	1240	277.6	1920	336.5	2580	346.0	3240	343.1		
600	164.8	1260	281.0	1940	337.1	2600	346.3	3260	342.8	PRESS. GRAD. SURVEY	
620	168.5	1280	285.0	1960	338.0	2620	346.3	3280	342.8	6000 psi #37476	
640	172.6	1300	288.4	1980	338.9	2640	346.6	3300	342.5	DEPTH PRESS. GRAD.	
660	176.7	1320	291.5	2000	339.8	2660	346.6	3320	342.2	0 0	
680	181.8	1340	294.2		341.6	2680	346.9	3340	342.2	100 19	
700	186.2	1360	297.0	2020	342.2	2700	347.2	3360	341.9	1000 429	.410
720	190.0	1380	299.2	2040	342.8	2720	347.5	3380	341.9	2000 876	.447
740	194.4	1400	301.6	2060	343.7	2740	347.8	3400	341.9	3000 1302	.426
760	199.1	1420	303.5	2080	344.3	2760	348.1	3420	341.3	3858 1668	.427