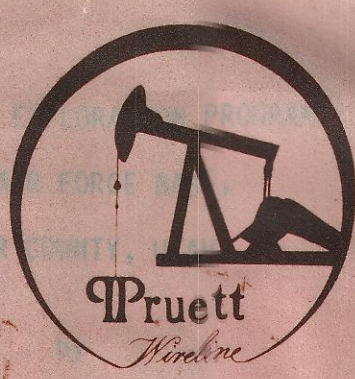


PRUETT WIRELINE SERVICE

8915 ROSEDALE HWY., BAKERSFIELD, CA 93308
(805) 589-2768

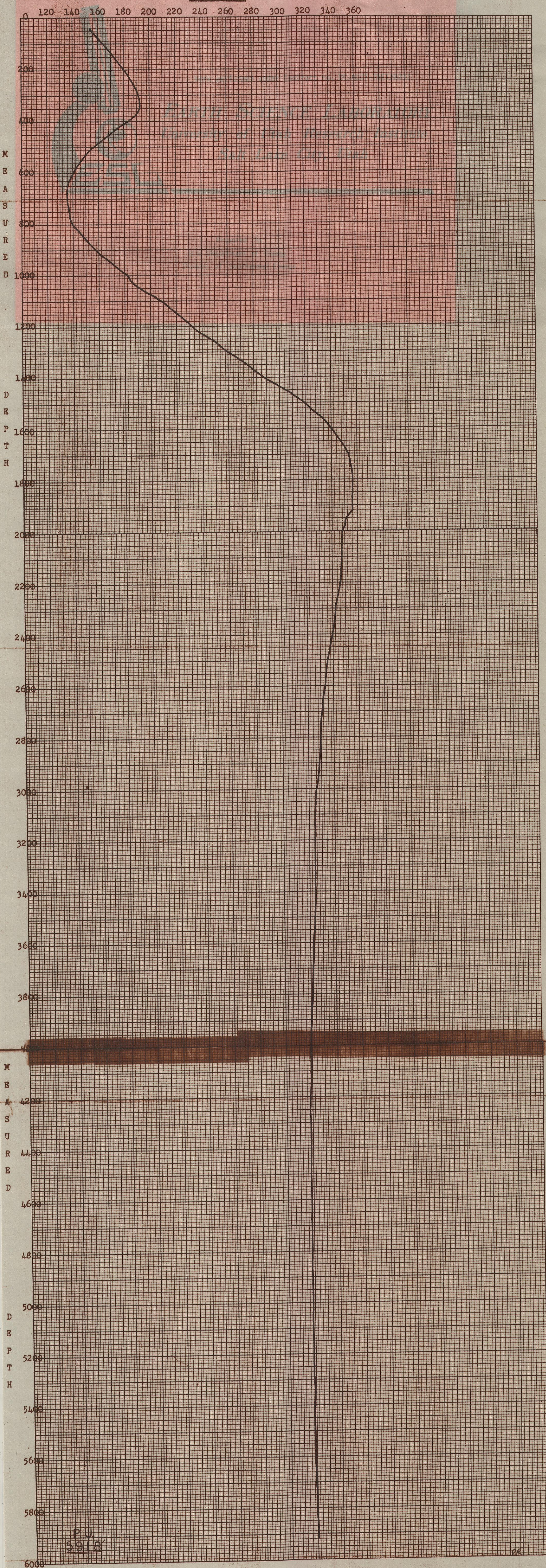


GL04388_13

SUB-SURFACE TEMPERATURE SURVEY

COMPANY Chevron Resources FIELD Beowawe WELL NAME 85-18
 TOTAL DEPTH 6520' WELL STATUS Static BOMB HUNG @ none DATE November 11, 1980
 CASING 9 5/8" @ 2937' CASING PRESSURE --- TIME ON BOTTOM 4:31 ELEMENT RANGE 102-580°
 LINER --- TUBING PRESSURE --- TIME OFF BOTTOM 4:41 ZERO POINT 13'
 PERFORATIONS --- ZONE --- SHUT IN --- ELEVATION ---
 MPP --- MAX. °F. 356.84° ON PRODUCTION --- PICKUP 5918'
 TUBING DETAIL 2 3/8" @ 5922' PURPOSE Traverse Temperature Survey

TEMPERATURE



SURVEY DATA

| DEPTH | TEMP | DEPTH | TEMP | DEPTH | TEMP | DEPTH | TEMP | DEPTH | TEMP | DEPTH | TEMP |
|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 40 | 153.47 | 1020 | 184.63 | 2000 | 347.79 | 2980 | 327.37 | 3960 | 320.00 | 4940 | 318.32 |
| 60 | 157.05 | 1040 | 189.05 | 2020 | 347.79 | 3000 | 325.89 | 3980 | 319.79 | 4960 | 318.32 |
| 80 | 160.42 | 1060 | 194.95 | 2040 | 347.79 | 3020 | 325.89 | 4000 | 319.37 | 4980 | 318.32 |
| 100 | 163.79 | 1080 | 202.95 | 2060 | 347.79 | 3040 | 325.89 | 4020 | 319.37 | 5000 | 318.32 |
| 120 | 167.79 | 1100 | 208.84 | 2080 | 347.79 | 3060 | 325.68 | 4040 | 319.16 | 5020 | 318.32 |
| 140 | 171.16 | 1120 | 214.32 | 2100 | 347.79 | 3080 | 325.47 | 4060 | 318.95 | 5040 | 318.32 |
| 160 | 174.53 | 1140 | 218.32 | 2120 | 347.79 | 3100 | 325.26 | 4080 | 318.95 | 5060 | 318.32 |
| 180 | 177.47 | 1160 | 223.79 | 2140 | 347.58 | 3120 | 325.05 | 4100 | 318.74 | 5080 | 318.32 |
| 200 | 180.63 | 1180 | 228.63 | 2160 | 347.58 | 3140 | 325.05 | 4120 | 318.74 | 5100 | 318.32 |
| 220 | 183.16 | 1200 | 232.63 | 2180 | 346.95 | 3160 | 325.05 | 4140 | 318.74 | 5120 | 318.32 |
| 240 | 185.68 | 1220 | 238.11 | 2200 | 346.95 | 3180 | 325.05 | 4160 | 318.74 | 5140 | 318.74 |
| 260 | 188.00 | 1240 | 243.79 | 2220 | 345.47 | 3200 | 325.05 | 4180 | 318.74 | 5160 | 318.95 |
| 280 | 190.32 | 1260 | 249.89 | 2240 | 344.84 | 3220 | 324.84 | 4200 | 318.53 | 5180 | 318.95 |
| 300 | 191.58 | 1280 | 254.32 | 2260 | 344.21 | 3240 | 324.84 | 4220 | 318.53 | 5200 | 318.95 |
| 320 | 192.84 | 1300 | 259.58 | 2280 | 342.53 | 3260 | 324.63 | 4240 | 318.53 | 5220 | 318.95 |
| 340 | 193.26 | 1320 | 265.89 | 2300 | 342.53 | 3280 | 324.63 | 4260 | 318.53 | 5240 | 318.95 |
| 360 | 192.00 | 1340 | 272.63 | 2320 | 342.53 | 3300 | 324.63 | 4280 | 318.53 | 5260 | 318.95 |
| 380 | 188.84 | 1360 | 277.26 | 2340 | 341.68 | 3320 | 324.63 | 4300 | 318.32 | 5280 | 318.95 |
| 400 | 183.37 | 1380 | 282.11 | 2360 | 341.05 | 3340 | 324.63 | 4320 | 318.32 | 5300 | 318.95 |
| 420 | 176.84 | 1400 | 288.21 | 2380 | 340.42 | 3360 | 324.63 | 4340 | 318.32 | 5320 | 318.95 |
| 440 | 171.79 | 1420 | 295.37 | 2400 | 339.58 | 3380 | 324.63 | 4360 | 318.32 | 5340 | 318.95 |
| 460 | 166.32 | 1440 | 301.89 | 2420 | 338.74 | 3400 | 324.63 | 4380 | 318.32 | 5360 | 318.95 |
| 480 | 160.42 | 1460 | 308.42 | 2440 | 338.11 | 3420 | 324.63 | 4400 | 318.32 | 5380 | 318.95 |
| 500 | 156.00 | 1480 | 313.68 | 2460 | 337.47 | 3440 | 324.63 | 4420 | 318.32 | 5400 | 318.95 |
| 520 | 151.58 | 1500 | 320.00 | 2480 | 336.84 | 3460 | 324.42 | 4440 | 318.32 | 5420 | 318.95 |
| 540 | 148.42 | 1520 | 323.79 | 2500 | 336.21 | 3480 | 324.21 | 4460 | 318.32 | 5440 | 318.95 |
| 560 | 145.68 | 1540 | 328.42 | 2520 | 335.58 | 3500 | 324.00 | 4480 | 318.32 | 5460 | 318.95 |
| 580 | 142.95 | 1560 | 333.05 | 2540 | 335.16 | 3520 | 323.79 | 4500 | 318.32 | 5480 | 318.95 |
| 600 | 140.84 | 1580 | 336.84 | 2560 | 335.16 | 3540 | 323.58 | 4520 | 318.32 | 5500 | 318.95 |
| 620 | 138.32 | 1600 | 340.00 | 2580 | 334.11 | 3560 | 323.37 | 4540 | 318.32 | 5520 | 318.95 |
| 640 | 136.42 | 1620 | 343.58 | 2600 | 333.47 | 3580 | 323.16 | 4560 | 318.32 | 5540 | 318.95 |
| 660 | 135.79 | 1640 | 345.89 | 2620 | 332.63 | 3600 | 322.95 | 4580 | 318.32 | 5560 | 318.95 |
| 680 | 135.37 | 1660 | 348.63 | 2640 | 331.79 | 3620 | 322.74 | 4600 | 318.32 | 5580 | 319.16 |
| 700 | 135.79 | 1680 | 351.58 | 2660 | 331.79 | 3640 | 322.53 | 4620 | 318.32 | 5600 | 319.37 |
| 720 | 136.21 | 1700 | 353.68 | 2680 | 331.37 | 3660 | 322.32 | 4640 | 318.32 | 5620 | 319.58 |
| 740 | 136.63 | 1720 | 355.58 | 2700 | 331.16 | 3680 | 322.11 | 4660 | 318.32 | 5640 | 319.58 |
| 760 | 137.26 | 1740 | 355.58 | 2720 | 330.95 | 3700 | 321.89 | 4680 | 318.32 | 5660 | 319.58 |
| 780 | 138.11 | 1760 | 356.21 | 2740 | 330.95 | 3720 | 321.89 | 4700 | 318.32 | 5680 | 319.58 |
| 800 | 140.21 | 1780 | 356.63 | 2760 | 330.11 | 3740 | 321.68 | 4720 | 318.32 | 5700 | 319.58 |
| 820 | 142.21 | 1800 | 356.63 | 2780 | 329.89 | 3760 | 321.68 | 4740 | 318.32 | 5720 | 320.00 |
| 840 | 147.37 | 1820 | 356.63 | 2800 | 329.47 | 3780 | 321.47 | 4760 | 318.32 | 5740 | 320.00 |
| 860 | 150.53 | 1840 | 356.21 | 2820 | 329.26 | 3800 | 321.47 | 4780 | 318.32 | 5760 | 320.00 |
| 880 | 154.32 | 1860 | 356.21 | 2840 | 329.05 | 3820 | 321.26 | 4800 | 318.32 | 5780 | 320.00 |
| 900 | 158.32 | 1880 | 356.21 | 2860 | 328.84 | 3840 | 321.05 | 4820 | 318.32 | 5800 | 320.21 |
| 920 | 162.32 | 1900 | 356.42 | 2880 | 328.42 | 3860 | 321.05 | 4840 | 318.32 | 5820 | 320.21 |
| 940 | 167.16 | 1920 | 356.42 | 2900 | 328.21 | 3880 | 321.05 | 4860 | 318.32 | 5840 | 320.42 |
| 960 | 172.42 | 1940 | 352.42 | 2920 | 328.00 | 3900 | 320.84 | 4880 | 318.32 | 5860 | 320.63 |
| 980 | 177.26 | 1960 | 350.32 | 2940 | 327.79 | 3920 | 320.63 | 4900 | 318.32 | 5880 | 320.84 |
| 1000 | 182.95 | 1980 | 350.32 | 2960 | 327.58 | 3940 | 320.21 | 4920 | 318.32 | 5900 | 320.84 |
| | | | | | | | | | | 5918 | 321.05 |

Survey traversed 20' per minute.

G Doolan