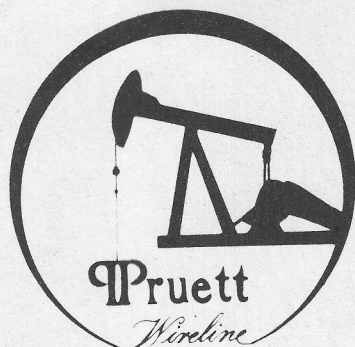


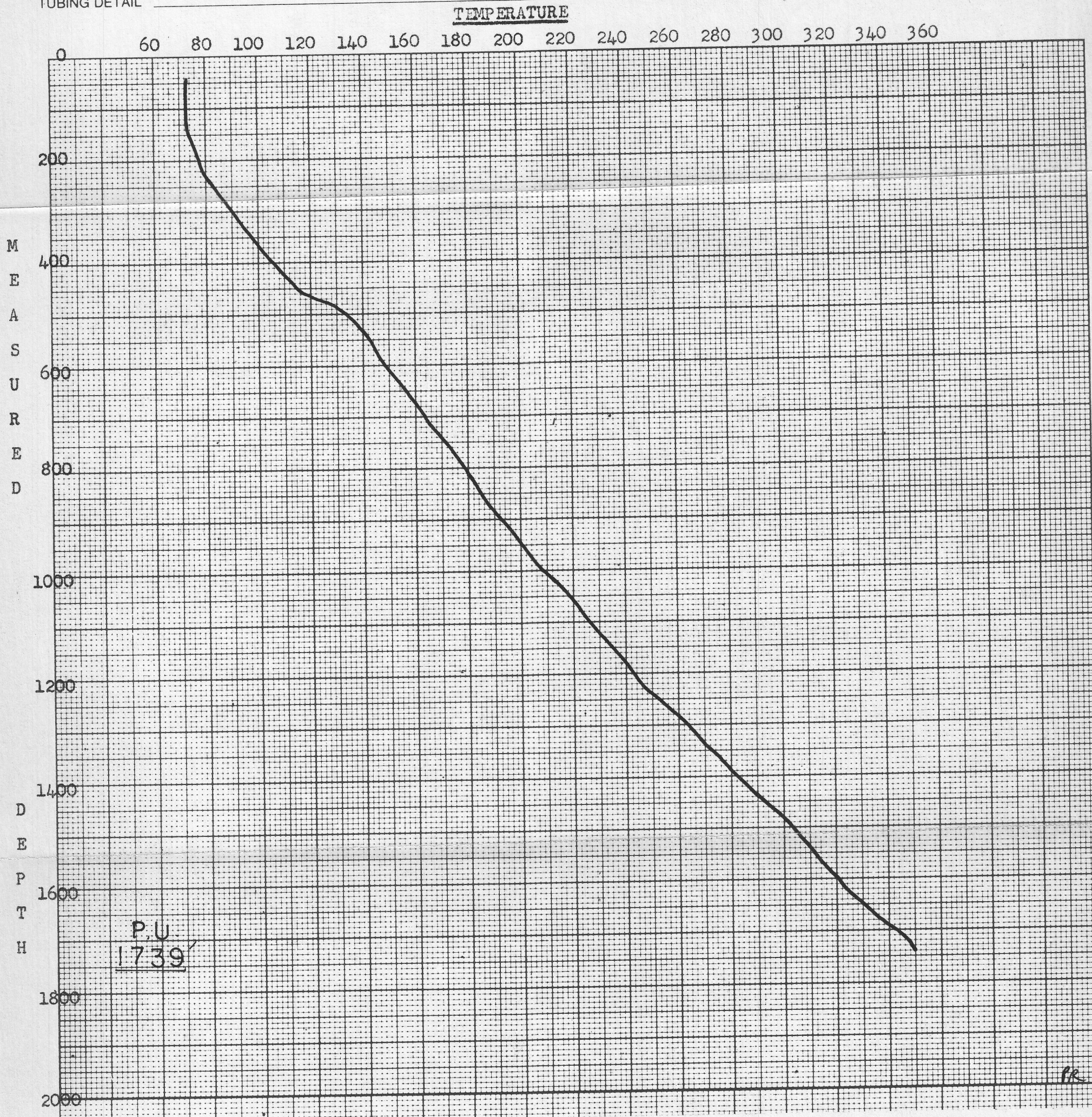
PRUETT WIRELINE SERVICE

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



SUB-SURFACE TEMPERATURE SURVEY

COMPANY Phillips Pet FIELD Steamboat Springs WELL NAME Strat Test 13
 TOTAL DEPTH 1739' WELL STATUS Static BOMB HUNG @ none DATE Nov 5, 1981
 CASING --- CASING PRESSURE -0- TIME ON BOTTOM 12:02 ELEMENT RANGE 52-458°
 LINER --- TUBING PRESSURE -0- TIME OFF BOTTOM 12:33 ZERO POINT 5'
 PERFORATIONS --- ZONE --- SHUT IN --- ELEVATION ---
 MPP --- MAX. °F. 354.90 ON PRODUCTION --- PICKUP 1739'
 TUBING DETAIL --- PURPOSE Traverse Temperature @ 20' per minute



SURVEY DATA

DEPTH	TEMPERATURE	DEPTH	TEMPERATURE	DEPTH	TEMPERATURE	DEPTH	TEMPERATURE
40	72.72	480	128.89	920	196.52	1340	270.26
60	72.31	500	134.42	940	199.17	1360	275.57
80	72.31	520	137.50	960	201.83	1380	278.64
100	72.31	540	140.37	980	204.69	1400	282.52
120	72.31	560	141.19	1000	207.75	1420	286.40
140	73.33	580	146.11	1020	213.06	1440	290.28
160	74.77	600	149.18	1040	217.56	1460	295.59
180	76.20	620	151.84	1060	221.03	1480	300.09
200	77.64	640	154.92	1080	223.69	1500	303.56
220	79.28	660	158.20	1100	225.93	1520	307.03
240	81.53	680	161.28	1120	230.02	1540	310.51
260	84.40	700	163.94	1140	233.70	1560	313.37
280	87.48	720	166.61	1160	236.76	1580	316.64
300	90.55	740	170.30	1180	240.03	1600	320.72
320	93.83	760	173.58	1200	243.09	1620	323.58
340	96.70	780	176.86	1220	246.16	1640	328.69
360	99.57	800	179.32	1240	250.24	1660	333.18
380	102.24	820	181.37	1260	254.94	1680	338.18
400	105.72	840	183.62	1280	259.64	1700	343.02
420	109.41	860	186.08	1300	264.13	1720	347.86
440	113.31	880	189.57	1320	267.40	1739	354.90
460	116.79	900	193.25				

G Doolan