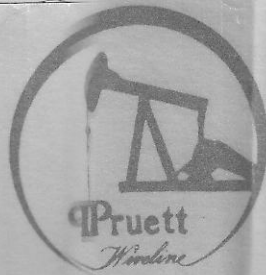


PRUETT WIRELINE SERVICE

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SUB-SURFACE TEMPERATURE SURVEY

GL 04393-8

COMPANY Sunedco FIELD Grass Valley WELL NAME USA 17-36
 TOTAL DEPTH 2700' WELL STATUS Static BOMB HUNG @ --- DATE 6-28-80
 CASING --- CASING PRESSURE --- TIME ON BOTTOM 3:29pm ELEMENT RANGE 100-580°
 LINER --- TUBING PRESSURE --- TIME OFF BOTTOM 3:49pm ZERO POINT Rig Floor
 PERFORATIONS --- ZONE --- SHUT IN --- ELEVATION ---
 MPP --- MAX °F 216.42° ON PRODUCTION --- PICKUP 8575'
 TUBING DETAIL --- PURPOSE Temperature Survey *



DEPTH	TEMPERATURE
0	121.05
5000	186.11
5500	189.68
5750	191.16
6000	192.63
6250	193.05
6500	197.26

SURVEY DATA
 *With 10 minute stops
 and 20 minute stop at
 Pickup.

DEPTH	TEMPERATURE
7000	199.79
7500	198.95
8000	200.84
8300	203.37
8500	205.47
8575	216.42

(TEMPERATURE TRAVERSE ON June 28, 1980 was unreadable. G Doolan
 Instrument stuck on ledge at approx. 6000'. When fishing
 for lost tools, instrument dropped to bottom of well. Max. Temp. 235.58°.)