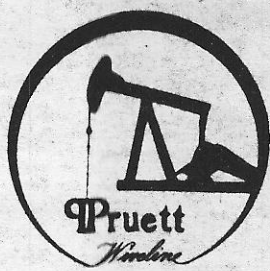


PRUETT WIRELINE SERVICE

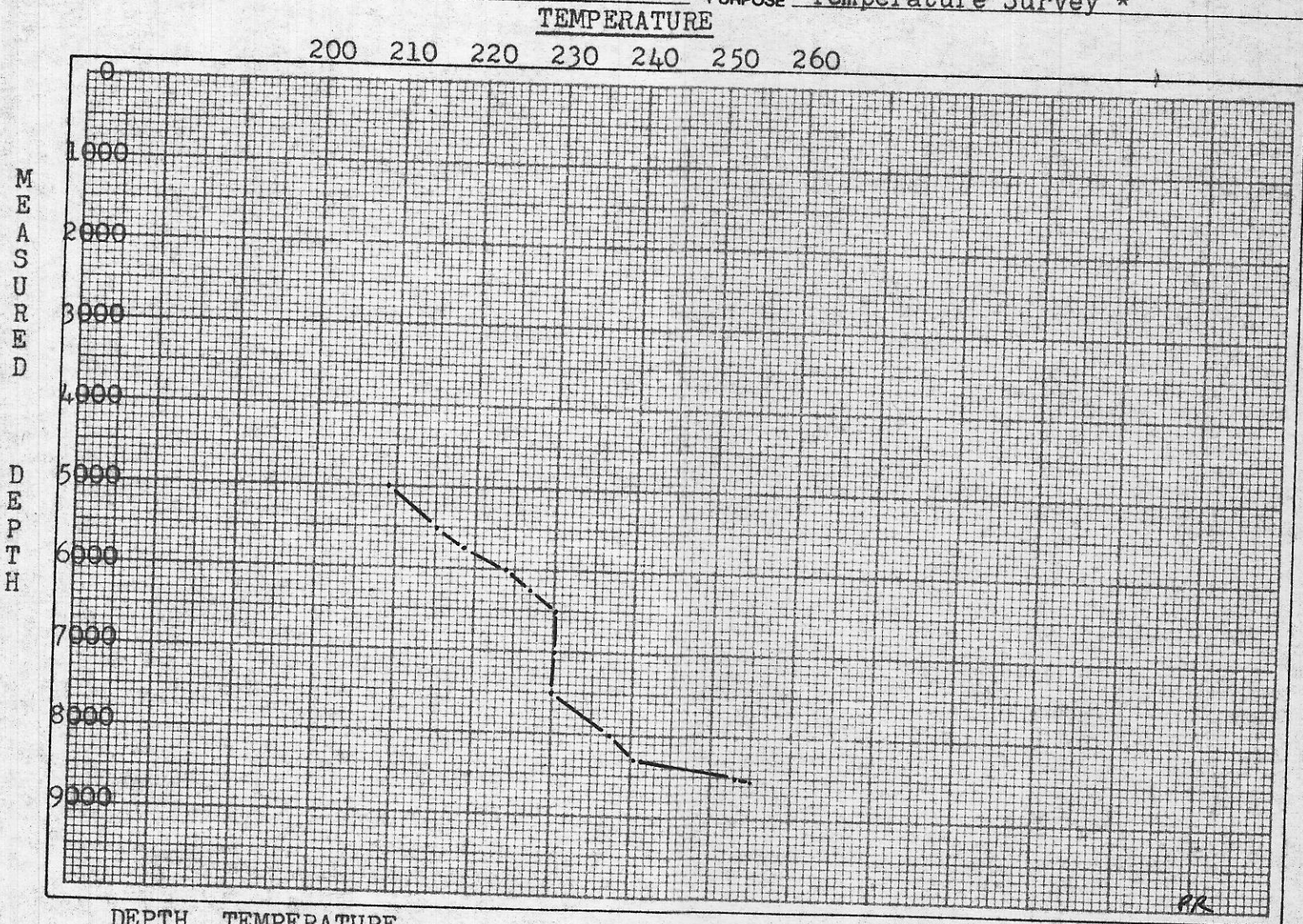
8915 Rosedale Hwy, Bakersfield, Ca. 93308
(805) 589-2768



SUB-SURFACE TEMPERATURE SURVEY

GL04394-2

COMPANY Sunedco FIELD Grass Valley WELL NAME USA 17-36 11-36
 TOTAL DEPTH WELL STATUS Static BOMB HUNG @ none DATE 6-30-80
 CASING CASING PRESSURE TIME ON BOTTOM 11:44 ELEMENT RANGE 100-580°
 LINER TUBING PRESSURE TIME OFF BOTTOM 12:14 ZERO POINT rig floor
 PERFORATIONS ZONE SHUT IN ELEVATION
 MPP MAX. °F 255.37° ON PRODUCTION PICKUP 8565'
 TUBING DETAIL PURPOSE Temperature Survey *

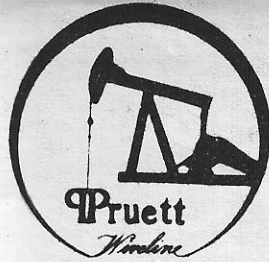


DEPTH	TEMPERATURE	SURVEY DATA		DEPTH	TEMPERATURE
5000	209.26	*with 10 minute stops and 30 minute stop at Pickup.		7000	230.32
5500	215.37			7500	230.11
5750	218.74			8000	237.47
6000	224.00			8300	240.42
6250	226.92			8500	253.26
6500	230.32			8565	255.37

G Doolan

PRUETT WIRELINE SERVICE

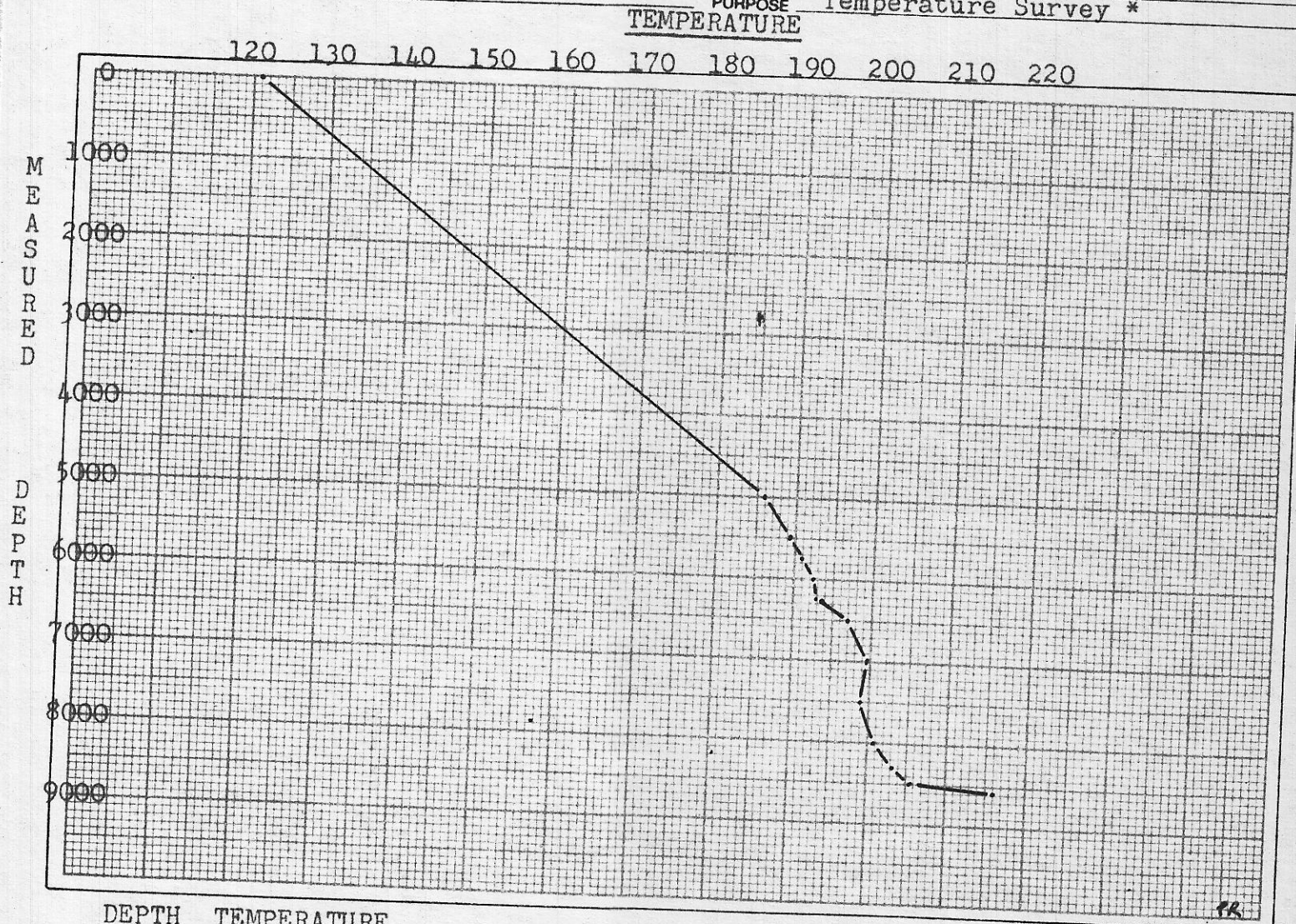
8915 Rosedale Hwy, Bakersfield, Ca. 93308
(805) 589-2768



SUB-SURFACE TEMPERATURE SURVEY

GL04394-3

COMPANY Sunedco FIELD Grass Valley WELL NAME USA 17-36
 TOTAL DEPTH WELL STATUS Static BOMB HUNG @ DATE 6-28-80
 CASING 2700' 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	SURVEY DATA		DEPTH	TEMPERATURE
0	121.05	*With 10 minute stops and 20 minute stop at Pickup.		7000	199.79
5000	186.11			7500	198.95
5500	189.68			8000	200.84
5750	191.16			8300	203.37
6000	192.63			8500	205.47
6250	193.05			8575	216.42
6500	197.26				

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

G Doolan