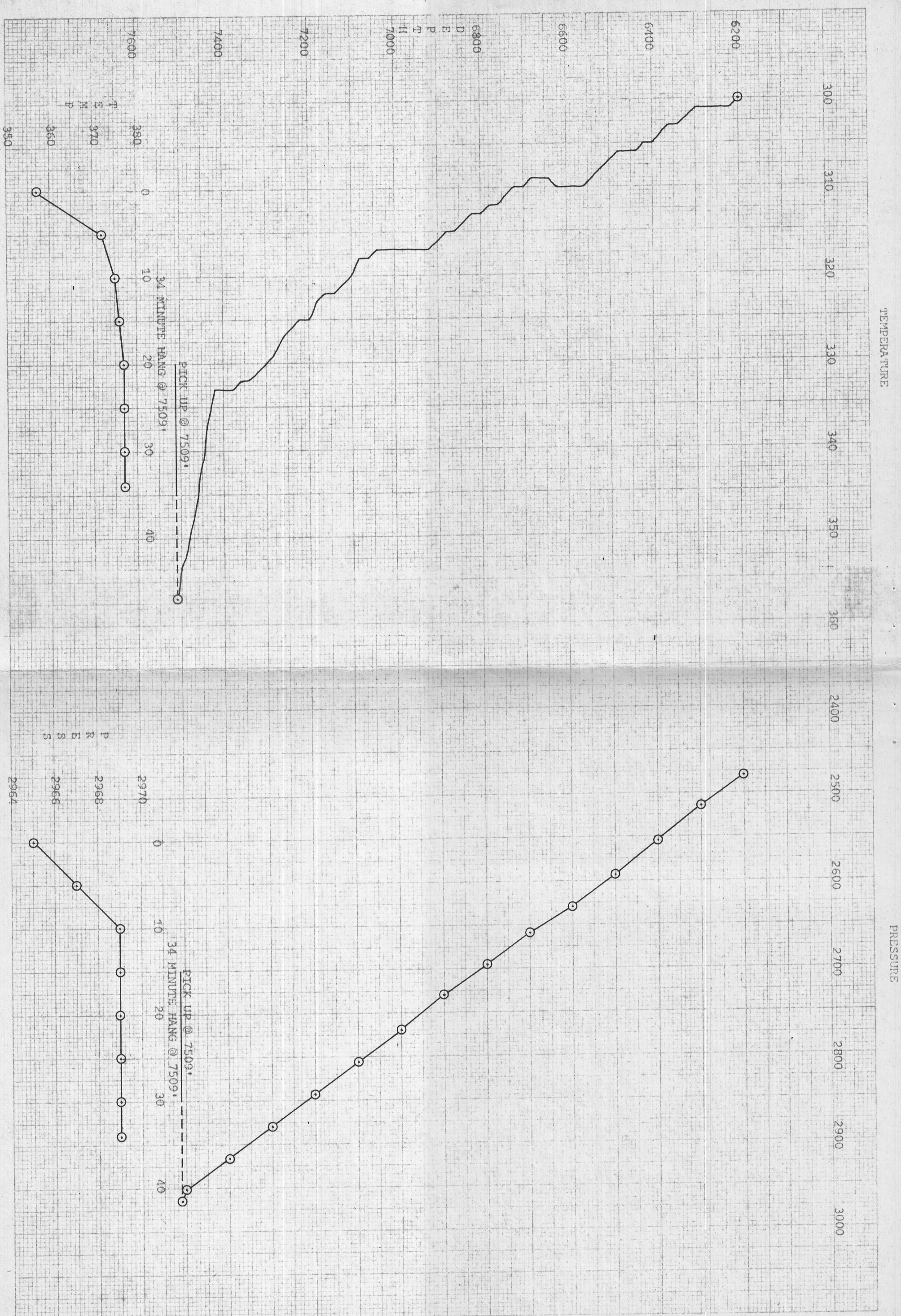


AGNEW and SWEET
 24 HOUR PHONE 805-327-2267
 3914 GILMORE AVENUE
 BAKERSFIELD, CALIFORNIA
 93308

GL04220-10

SUBSURFACE SURVEY

OWNER: GETTY OIL COMPANY
 FIELD: ROOSEVELT
 WELL NAME: KGRA 2 - 21
 CASING: 13-3/8" 9-5/8" @ 2041'
 ELEV: May 1, 1978
 DATE: May 1, 1978
 ZERO POINT: D.P.
 PERMITS: MPP
 TUBING DETAILS: MPP DEPTH: 7500' ZONE:
 PUMP SHOE:
 WELL STATUS: Static (open hole)
 SHUT IN: ENGAGE STYLUS 9:01 PM
 DISENGAGE STYLUS 12:02 AM
 SURVEYED: TUB 7509' ANN 7509' TIME ON BOTTOM 10:56 PM
 TIME OFF BOTTOM 11:30 PM
 PICK UP @ 7509' SERIAL NO 10025, 3923N
 ELEMENT RANGE: 76-640, 3600#
 SPATIC TEMPERATURE & PRESSURE TRAVERSE SURVEY
 MAX OF 377.7 @ 7509'
 STABILIZATION PERIOD: 34 MINUTE HANG @ 7509'
 PRESSURES: START FINISH
 DATE: CASING PSI OBS: CASING PSI COR: TUBING PSI OBS: TUBING PSI COR: PRESS. STATUS: INSTRUMENT HUNG @



DEPTH	TEMP.	PRESS.	DEPTH	TEMP.	PRESS.	DEPTH	TEMP.	PRESS.
6200	300.4	2480	6720	310.7		7240	326.4	
6220	301.0		6740	311.5		7260	327.3	
6240	301.0		6760	312.7		7280	329.6	
6260	301.3		6780	312.7		7300	330.4	2880
6280	301.3		6900	313.0	2696	7320	331.3	
6300	301.9	2515	6820	313.9		7340	332.2	
6320	302.8		6840	314.5		7360	332.9	
6340	303.3		6860	315.0		7380	333.0	
6360	303.9		6880	315.9		7400	333.3	2917
6380	304.8		6900	316.8	2730	7420	333.9	
6400	305.1	2554	6920	317.1		7440	337.9	
6420	305.7		6940	317.4		7460	345.7	
6440	306.0		6960	317.4		7480	350.0	
6460	306.3		6980	317.4		7500	353.8	2952
6480	306.9		7000	317.7	2769	7509	357.2	2965
6500	307.7	2593	7020	317.4				
6520	308.6		7040	317.7				
6540	309.5		7060	318.3				
6560	310.7		7080	318.8				
6580	310.9		7100	320.0	2806			
6600	310.7	2630	7120	321.5		15	376.2	2969
6620	310.1		7140	322.4		20	377.1	2969
6640	309.8		7160	322.4		25	377.7	2969
6660	309.2		7180	323.8		30	377.7	2969
6680	309.8		7200	325.0	2843	34	377.7	2969
6700	310.4	2659	7220	325.6				