

PRUETT INDUSTRIES, INC.
 8915 ROSEDALE HWY BAKERSFIELD, CA 93312
 (805) 589-2768 FAX (805) 589-3268

SUB-SURFACE TEMPERATURE SURVEY

CO. ANADARKO		RUN 1A FIELD PUEBLO VALLEY	WELL 52-22A
EFF DEPTH 2520'		WELL STAT	STATIC
CASING 4 1/2"Ø	-1322'	CASING PRESS	30 PSIG
LINER	-	TUBING PRESS	
DATE 120593		ELEMENT RANGE	35 - 518
ELEVATION		ZONE	
MAX TEMP		PICK-UP	2296'
PERF OPEN	-HOLE	CAL SER NO.	3550
TUBING	-		
UNITS ENGLISH		PURPOSE	STATIC TEMPERATURE TRAVERSE

SURVEY DATA

CO. ANADARKO		RUN 1A FIELD PUEBLO VALLEY		WELL 52-22A			
TIME	DEPTH	P-T	GRAD	TIME	DEPTH	P-T	GRAD
1:00	100	57.6	.000	1:00	700	119.8	.000
1:00	120	59.0	.000	1:00	720	122.3	.000
1:00	140	61.5	.000	1:00	740	124.2	.000
1:00	160	63.4	.000	1:00	760	125.8	.000
1:00	180	65.0	.000	1:00	780	127.4	.000
1:00	200	67.5	.000	1:00	800	129.6	.000
1:00	220	69.4	.000	1:00	820	131.5	.000
1:00	240	71.7	.000	1:00	840	133.6	.000
1:00	260	73.9	.000	1:00	860	136.1	.000
1:00	280	75.5	.000	1:00	880	138.2	.000
1:00	300	77.4	.000	1:00	900	140.1	.000
1:00	320	79.1	.000	1:00	920	141.2	.000
1:00	340	81.3	.000	1:00	940	142.0	.000
1:00	360	83.5	.000	1:00	960	142.5	.000
1:00	380	85.7	.000	1:00	980	142.9	.000
1:00	400	87.9	.000	1:00	1000	150.8	.000
1:00	420	89.3	.000	1:00	1020	153.5	.000
1:00	440	91.5	.000	1:00	1040	155.6	.000
1:00	460	93.5	.000	1:00	1060	157.2	.000
1:00	480	95.4	.000	1:00	1080	158.8	.000
1:00	500	98.2	.000	1:00	1100	160.9	.000
1:00	520	100.3	.000	1:00	1120	163.8	.000
1:00	540	102.0	.000	1:00	1140	166.4	.000
1:00	560	103.9	.000	1:00	1160	168.5	.000
1:00	580	106.4	.000	1:00	1180	170.6	.000
1:00	600	108.9	.000	1:00	1200	172.4	.000
1:00	620	110.2	.000	1:00	1220	175.2	.000
1:00	640	112.7	.000	1:00	1240	177.3	.000
1:00	660	114.9	.000	1:00	1260	179.6	.000
1:00	680	117.6	.000	1:00	1280	181.7	.000

ANADARKO
 PETROLEUM CORPORATION
PROPRIETARY DATA

SURVEY DATA

CD	ANADARKO				RUN 1A FIELD PUEBLO VALLEY				WELL 52-22A			
	TIME	DEPTH	P-T	GRAD	TIME	DEPTH	P-T	GRAD	TIME	DEPTH	P-T	GRAD
	1:00	1300	184.0	.000	1:00	1820	227.1	.000				
	1:00	1320	186.1	.000	1:00	1840	228.5	.000				
	1:00	1340	188.1	.000	1:00	1860	229.8	.000				
	1:00	1360	190.4	.000	1:00	1880	230.7	.000				
	1:00	1380	193.0	.000	1:00	1900	232.4	.000				
	1:00	1400	196.3	.000	1:00	1920	233.6	.000				
	1:00	1420	200.3	.000	1:00	1940	234.4	.000				
	1:00	1440	214.0	.000	1:00	1960	235.1	.000				
	1:00	1460	223.6	.000	1:00	1980	236.5	.000				
	1:00	1480	226.1	.000	1:00	2000	238.5	.000				
	1:00	1500	224.4	.000	1:00	2020	240.6	.000				
	1:00	1520	221.9	.000	1:00	2040	242.6	.000				
	1:00	1540	219.7	.000	1:00	2060	243.3	.000				
	1:00	1560	217.3	.000	1:00	2080	244.2	.000				
	1:00	1580	216.8	.000	1:00	2100	244.7	.000				
	1:00	1600	217.0	.000	1:00	2120	245.4	.000				
	1:00	1620	217.3	.000	1:00	2140	245.9	.000				
	1:00	1640	218.0	.000	1:00	2160	246.9	.000				
	1:00	1660	219.5	.000	1:00	2180	247.3	.000				
	1:00	1680	220.5	.000	1:00	2195	278.5	.000				
	1:00	1700	221.2	.000	1:00	2200	288.7	.000				
	1:00	1720	222.2	.000	1:00	2220	294.2	.000				
	1:00	1740	222.7	.000	1:00	2240	297.2	.000				
	1:00	1760	223.2	.000	1:00	2260	300.1	.000				
	1:00	1780	224.6	.000	1:00	2280	301.7	.000				
	1:00	1800	225.6	.000	1:00	2296	304.7	.000				

BY STEVE WILSON JIM HANEY

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PRUETT INDUSTRIES, INC.
 8915 ROSEDALE HWY BAKERSFIELD, CA 93312
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SUB-SURFACE PRESSURE SURVEY

CO. ANADARKO		RUN 01 FIELD PUEBLO VALLEY	WELL 52-22A
EFF DEPTH 2520'		WELL STAT	STATIC
CASING 4 1/2"0'	-1322'	CASING PRESS	30 PSIG
LINER	-	TUBING PRESS	
DATE 120593		ELEMENT RANGE	0 - 2615
ELEVATION		ZONE	
MAX TEMP		PICK-UP	2296'
PERF OPEN -HOLE		CAL SER NO.	7688
TUBING	-		
UNITS ENGLISH		PURPOSE	STATIC PRESSURE GRADIENT

SURVEY DATA

CO. ANADARKO				RUN 01 FIELD PUEBLO VALLEY				WELL 52-22A			
TIME	DEPTH	P-T	GRAD	TIME	DEPTH	P-T	GRAD	TIME	DEPTH	P-T	GRAD
1:00	100	56.7	.000	1:00	1300	573.5	.417				
1:00	200	102.2	.455	1:00	1400	615.3	.418				
1:00	300	146.5	.443	1:00	1500	657.2	.419				
1:00	400	190.9	.444	1:00	1600	699.2	.420				
1:00	500	235.5	.446	1:00	1700	739.8	.407				
1:00	600	280.2	.447	1:00	1800	780.6	.408				
1:00	700	323.8	.436	1:00	1900	821.4	.408				
1:00	800	366.2	.424	1:00	2000	862.3	.409				
1:00	900	407.4	.412	1:00	2100	903.2	.409				
1:00	1000	448.8	.414	1:00	2200	944.1	.409				
1:00	1100	490.3	.415	1:00	2296	983.7	.412				
1:00	1200	531.9	.416	0:00	0	.0	.000				

BY STEVE WILSON / JIM HANEY

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