BENNETT CATHEY
(505) 746-3354 / Artesia, New Mexico 8 0

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY ROBERT ENFIELD WELL NAME WALTER #1
DATE OF TEST 7-25-83 FORMATION PAGE 1 OF 1
COMPANY MAN JIM O'BRIANT

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3#9521 RANGE 8100 LBS.
CLOCK NUMBER B3443 RANGE 12 HOUR
ELEMENT NUMBER RPG3#18323 RANGE 8600 LBS.
CLOCK NUMBER RANGE
TIME WELL SHUT IN 1000 HOUR 7-21-83
TIME CLOCK STARTED 0644 HOUR 7-25-83
DEAD WEIGHT ELEMENT ON SURFACE 2943.2 PSIA SHUT IN LBS.
TIME ELEMENT REACHED BOTTOM 0809 HOUR 7-25-83
DEAD WEIGHT ELEMENT ON BOTTOM 2943.2 PSIA SHUT IN LBS.
ELEMENT SET AT 9470 FEET
TEMPERATURE 9470 FT. 196 °F.
2173.2 PSIA DEAD WEIGHT AT THE END OF 4 HOURS Ø MINUTES

4-POINT BACK PRESSURE TEST

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
7-25-83	SIP	0825		3671		3684	3733
START TEST	0	0835		3659	13.2	3672.2	3721.2
	1/4	0850		3574	13.2	3587.2	3636.2
	1/2	0905		3488	13.2	3501.2	3550.2
	3/4	0920		3447	13.2	3460.2	3509.2
END RATE 1	1	0935		3419	13.2	3422.2	3471.2
	1 1/4	0950		3341	13.2	3354.2	3403.2
	1 1/2	1005		3300	13.2	3313.2	3362.2
	1 3/4	1020		3270	13.2	3283.2	3332.2
END RATE 2	2	1035		3247	13.2	3260.2	3309.2
	2 1/4	1050		3170	13.2	3183.2	3232.2
	2 1/2	1105		3109	13.2	3122.2	3171.2
	2 3/4	1120		3072	13.2	3085.2	3134.2
END RATE 3	3	1135		3043	13.2	3056.2	3105.2
	3 1/4	1150		2945	13.2	2958.2	3007.2
	3 1/2	1205		2854	13.2	2867.2	2916.2
	3 3/4	1220		2787	13.2	2800.2	2849.2
END RATE 4	4	1235		2745	13.2	2758.2	2807.2