

SERIES C-100
 3) 748-3354 / Artesia, New Mexico 88
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY. ROBERT ENFIELD WELL NAME. DOUGLAS #1
 DATE OF TEST. 3-3-83 TO 3-6-83 INFORMATION EAST LAKE MORROW PAGE 1 OF 2
 COMPANY MAN. JIM O'BRYANT

62 1/2 HOUR BUILD UP TEST

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3# 23914 RANGE 5025 LBS.
 CLOCK NUMBER 9499 RANGE 90 HOUR
 TIME WELL SHUT IN 2015 HOUR 3-3-83
 TIME CLOCK STARTED 1452 HOUR 3-3-83
 DEAD WEIGHT ELEMENT ON SURFACE 1615 PSIA FLOWING LBS.
 TIME ELEMENT REACHED BOTTOM 1543 3-3-83
 DEAD WEIGHT ELEMENT ON BOTTOM 1615 PSIA SHUT IN LBS.
 ELEMENT SET AT 9500 EXTRAPOLATED TO 9698 FEET MIDPERF. FEET.
 TEMPERATURE 9500 FT. 172 °F.
 PSIA 2648 DEAD WEIGHT AT THE END OF 62 HOURS 30 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
3-3-83	0	2015		2157	13.2	2170.2	2190.2
	1/4	2030		2270	13.2	2293.2	2313.2
	1/2	2045		2351	13.2	2364.2	2384.2
	3/4	2100		2425	13.2	2438.2	2458.2
	1	2115		2483	13.2	2496.2	2516.2
	1 1/4	2130		2547	13.2	2560.2	2580.2
	1 1/2	2145		2595	13.2	2608.2	2628.2
	1 3/4	2200		2644	13.2	2657.2	2677.2
	2	2215		2682	13.2	2695.2	2715.2
	2 1/4	2230		2717	13.2	2730.2	2750.2
	2 1/2	2245		2752	13.2	2765.2	2785.2
	2 3/4	2300		2790	13.2	2813.2	2823.2
	3	2315		2818	13.2	2831.2	2851.2
	3 1/4	2330		2845	13.2	2858.2	2878.2
	3 1/2	2345		2871	13.2	2884.2	2904.2
	3 3/4	2400		2902	13.2	2915.2	2935.2
	4	2415		2925	13.2	2938.2	2958.2
	4 1/4	2430		2945	13.2	2958.2	2978.2
	4 1/2	2445		2965	13.2	2978.2	2998.2
3-4-83	4 3/4	0100		2985	13.2	2998.2	3018.2
	5	0115		3007	13.2	3020.2	3040.2
	5 1/4	0130		3025	13.2	3038.2	3058.2
	5 1/2	0145		3039	13.2	3052.2	3072.2
	5 3/4	0200		3054	13.2	3067.2	3087.2
	6	0215		3069	13.2	3082.2	3102.2
	6 1/4	0230		3082	13.2	3095.2	3115.2
	6 1/2	0245		3094	13.2	3107.2	3127.2
	6 3/4	0300		3107	13.2	3120.2	3140.2
	7	0315		3120	13.2	3133.2	3153.2
	7 1/4	0330		3132	13.2	3145.2	3165.2
	7 1/2	0345		3143	13.2	3156.2	3176.2
	7 3/4	0400		3155	13.2	3168.2	3188.2
	8	0415		3165	13.2	3178.2	3198.2
	8 1/4	0430		3176	13.2	3189.2	3209.2
	8 1/2	0445		3184	13.2	3197.2	3217.2
	8 3/4	0500		3192	13.2	3205.2	3225.2
	9	0515		3201	13.2	3214.2	3234.2
	9 1/4	0530		3209	13.2	3222.2	3242.2