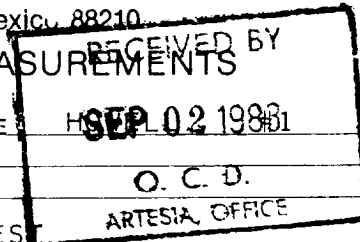


BENNET - CATHEY

(505) 748-3354 / Artesia, New Mexico, 88210

SUBSURFACE PRESSURE MEASUREMENTS



COMPANY WALLIS EXPLORATION WELL NAME H SEP 02 1983
 DATE OF TEST 6-21-83 TO 6-22-83 FORMATION PAGE 1 OF 1
 COMPANY MAN HERMAN WALLIS

24 HOUR BUILD UP TEST

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3#37882 RANGE 3500 LBS.
 CLOCK NUMBER 27744 RANGE 48 HOUR
 TIME WELL SHUT IN 1145 HOUR 6-21-83
 TIME CLOCK STARTED 0650 HOUR 6-21-83
 DEAD WEIGHT ELEMENT ON SURFACE 550.2 PSIA SHUT IN LBS.
 TIME ELEMENT REACHED BOTTOM 0710 HOUR 6-21-83
 DEAD WEIGHT ELEMENT ON BOTTOM 550.2 PSIA SHUT IN LBS.
 ELEMENT SET AT 1683 FEET.
 646.2 TEMPERATURE 1683 FT. 99 °F.
 PSIA DEAD WEIGHT AT THE END OF 24 HOURS 50 MINUTES.

DATE	HOUR	TIME	DEFLECTION inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
6-21-83	0	1145		563	13.2	576.2	
	1/4	1200		568	13.2	581.2	
	1/2	1215		570	13.2	583.2	
	3/4	1230		572	13.2	585.2	
	1	1245		573	13.2	586.2	
	1 1/4	1300		576	13.2	589.2	
	1 1/2	1315		578	13.2	591.2	
	1 3/4	1330		580	13.2	593.2	
	2	1345		581	13.2	594.2	
	2 1/2	1415		584	13.2	597.2	
	3	1445		587	13.2	600.2	
	3 1/2	1515		590	13.2	603.2	
	4	1545		593	13.2	606.2	
	4 1/2	1615		595	13.2	608.2	
	5	1645		597	13.2	610.2	
	6	1745		603	13.2	616.2	
	7	1845		608	13.2	621.2	
	8	1945		613	13.2	626.2	
	9	2045		616	13.2	629.2	
6-22-83	10	2145		619	13.2	632.2	
	12	2345		628	13.2	641.2	
	14	0145		634	13.2	647.2	
	16	0345		640	13.2	653.2	
	18	0545		647	13.2	660.2	
	20	0745		654	13.2	667.2	
	22	0945		660	13.2	673.2	
	24	1145		665	13.2	678.2	