BENNETT - CATHEY
Artesia, New Mexico 88210

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY MC CLELLAN OIL COMPANY WELL NAME COYOTE DRAW FEDERAL WELL NO. 4
DATE OF TEST 12-14-81 FORMATION ABO PAGE 1 OF 1

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #21121N RANGE 0-5,000 LBS.
CLOCK NUMBER B3443 RANGE 12 HOURS
TIME WELL SHUT IN 1200 HOURS 12-3-81
TIME CLOCK STARTED 1747 HOURS
DEAD WEIGHT ELEMENT ON SURFACE 700 LBS. LBS.
TIME ELEMENT REACHED BOTTOM 1842 HOURS
DEAD WEIGHT ELEMENT ON BOTTOM 1842 HOURS LBS.
ELEMENT SET AT 3602 FEET.
TEMPERATURE 3602 FT. 100 °F.
900 PSIA DEAD WEIGHT AT THE END OF 270 HOURS 0 MINUTES.

DATE 12-14-81	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
ON BOTTOM		1842		989	13.2		1002
START TEST	0	1015		985	13.2		998
	1/4	1930		981	13.2		994
	1/2	1945		974	13.2		987
	3/4	2000		967	13.2		980
END RATE 1	1	2015		961	13.2		974
	1-1/4	2030		954	13.2		967
	1-1/2	2045		947	13.2		960
	1-3/4	2100		939	13.2		952
END RATE 2	2	2115		932	13.2		945
	2-1/4	2130		926	13.2		939
	2-1/2	2145		916	13.2		929
	2-3/4	2200		903	13.2		916
END RATE 3	3	2215		890	13.2		903
	3-1/4	2230		882	13.2		895
	3-1/2	2245		869	13.2		882
	3-3/4	2300		857	13.2		870
END RATE 4	4	2315		839	13.2		852

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