

BENNETT - CATHEY
 Artesia, New Mexico 88210
SUBSURFACE PRESSURE MEASUREMENTS

AUG 9 1982

O. C. D.

COMPANY MC KAY OIL COMPANY WELL NAME APRIL WELL NO. 2 ARTESIA, OFFICE
 DATE OF TEST 2-9-82 TO 2-12-82 FORMATION ABO PAGE 1 OF 1

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #16150N RANGE 2,000 LBS.
 CLOCK NUMBER 21850 RANGE 60 HOURS
 TIME WELL SHUT IN 1855 HOURS 2-9-82
 TIME CLOCK STARTED 1833 HOURS 2-9-82
 DEAD WEIGHT ELEMENT ON SURFACE 488 PSIA FLOWING LBS.
 TIME ELEMENT REACHED BOTTOM 1850 HOURS 2-9-82
 DEAD WEIGHT ELEMENT ON BOTTOM 438 HOURS 2-9-82 LBS.
 ELEMENT SET AT 2396 FEET.
 TEMPERATURE 2396 FT. 86 °F.
 1016 PSIA DEAD WEIGHT AT THE END OF 63 HOURS 44 MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
2-9-82	0	1855		503	13.2		516
	1/4	1910		688	13.2		701
	1/2	1925		826	13.2		839
	3/4	1940		910	13.2		923
	1	1955		970	13.2		983
	1-1/4	2010		1014	13.2		1027
	1-1/2	2025		1038	13.2		1051
	1-3/4	2040		1050	13.2		1063
	2	2055		1058	13.2		1071
	2-1/4	2110		1061	13.2		1074
	2-1/2	2125		1064	13.2		1077
	2-3/4	2140		1066	13.2		1079
	3	2155		1068	13.2		1081
	4	2255		1073	13.2		1086
	5	2355		1078	13.2		1091
	6	2455		1079	13.2		1092
2-10-82	7	0155		1082	13.2		1095
	8	0255		1083	13.2		1096
	9	0355		1085	13.2		1098
	10	0455		1086	13.2		1099
	15	0955		1090	13.2		1103
	20	1455		1093	13.2		1106
	25	1955		1095	13.2		1108
	30	2455		1097	13.2		1110
2-11-82	35	0555		1099	13.2		1112
	40	1055		1100	13.2		1113
	45	1555		1102	13.2		1115
	50	2055		1103	13.2		1116
2-12-82	55	0155		1104	13.2		1117
	57 1/2	0355		1104	13.2		1117
*** PRESSURE ELEMENT STOPPED AT 2,396 FEET. WOULD NOT GO DEEPER. NO GO USED ON ELEMENT.							