

BENNETT - CATHEY
 Artesia, New Mexico 88210
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY FRED POOL WELL NAME CAMEL WELL NO 1F
 DATE OF TEST 5-9-81 TO 5-10-81 FORMATION PENN PAGE 1 OF 2

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3#37178 RANGE 0-3,800
 CLOCK NUMBER 11520 RANGE 48 HOUR
 TIME WELL SHUT IN 1510 HR. 5-9-81 AFTER FOUR POINT TEST
 TIME CLOCK STARTED 0958
 DEAD WEIGHT ELEMENT ON SURFACE S.I. PRIOR TO TEST 2,010 LBS.
 TIME ELEMENT REACHED BOTTOM 1030
 DEAD WEIGHT ELEMENT ON BOTTOM FLOWING AFTER TEST 1259 LBS.
 ELEMENT SET AT 6,159 FEET.
 TEMPERATURE 6,159 FT. 124 °F.
 1,945 PSI DEAD WEIGHT AT THE END OF 24 HOURS MINUTES.

DATE	HOUR	TIME	DEFLECTION in/inches	CALCULATED PRESSURE psig	CORRECTION P ± PC psig	CORRECTED PRESSURE psia	PRESSURE AT MID-POINT OF PERFORATIONS psia
5-9-81		1030		2,365	13.2		2,378
START HEATER		1044		2,365	13.2		2,378
START TEST	0	1105		1,232	13.2		2,366
	1/4	1120		2,326	13.2		2,339
	1/2	1135		2,324	13.2		2,337
	3/4	1150		2,322	13.2		2,335
	1	1205		2,321	13.2		2,344
	1 1/4	1220		2,195	13.2		2,208
	1 1/2	1235		2,140	13.2		2,153
	1 3/4	1250		2,140	13.2		2,153
	2	1305		2,149	13.2		2,162
	2 1/4	1320		1,967	13.2		1,980
	2 1/2	1335		1,967	13.2		1,980
	2 3/4	1350		1,912	13.2		1,920
	3	1405		1,887	13.2		1,900
	3 1/4	1429		1,842	13.2		1,855
	3 1/2	1435		1,650	13.2		1,663
	3 3/4	1450		1,591	13.2		1,604
	4	1505		1,566	13.2		1,579
START B.U.	0	1510		1,570	13.2		1,583
	1/4	1525		2,103	13.2		2,116
	1/2	1540		2,124	13.2		2,137
	3/4	1555		2,141	13.2		2,154
	1	1610		2,152	13.2		2,165
	1 1/4	1625		2,160	13.2		2,173
	1 1/2	1640		2,168	13.2		2,181
	1 3/4	1655		2,174	13.2		2,187
	2	1710		2,180	13.2		2,193
	2 1/2	1740		2,191	13.2		2,204
	3	1810		2,197	13.2		2,210
	3 1/2	1840		2,202	13.2		2,215
	4	1910		2,207	13.2		2,220
	4 1/2	1940		2,212	13.2		2,225
	5	2010		2,217	13.2		2,230
	6	2110		2,223	13.2		2,236
	7	2210		2,231	13.2		2,244
	8	2310		2,235	13.2		2,248
5-10-81	9	2410		2,239	13.2		2,252