

BENNETT - CATHEY
 Artesia, New Mexico 88210
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY SANDERS PETROLEUM CORPORATION WELL NAME ISLER FEDERAL WELL NO. 1
 DATE OF TEST 9-25-81 TO 9-26-81 FORMATION ABO PAGE 1 OF 1

CHART READINGS AND CALCULATIONS FOR BUILDUP OR DRAWDOWN TEST

ELEMENT NUMBER RPG3 #18323 RANGE 0 - 8,600 LBS.
 CLOCK NUMBER 11520 RANGE 48 HOURS
 TIME WELL SHUT IN 1840
 TIME CLOCK STARTED 1159
 DEAD WEIGHT ELEMENT ON SURFACE 1079 LBS.
 TIME ELEMENT REACHED BOTTOM 1245
 DEAD WEIGHT ELEMENT ON BOTTOM 1079 LBS.
 ELEMENT SET AT 4827 FEET.
 TEMPERATURE 4827 FT. 101 °F.
 1073 PSIA 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
9-25-81							
		SHUT IN		1235	13.2		1248
		START TEST		1235	13.2		1248
	0	1400		1217	13.2		1230
	1/4	1415		1209	13.2		1222
	1/2	1430		1209	13.2		1222
	3/4	1445		1204	13.2		1217
END RATE 1	1	1500		1200	13.2		1213
	1-1/4	1515		1200	13.2		1213
	1-1/2	1530		1183	13.2		1196
	1-3/4	1545		1161	13.2		1174
END RATE 2	2	1600		1148	13.2		1161
	2-1/4	1615		1130	13.2		1143
	2-1/2	1630		1117	13.2		1130
	2-3/4	1645		1108	13.2		1121
END RATE 3	3	1700		1100	13.2		1113
	3-1/4	1715		1078	13.2		1091
	3-1/2	1730		1057	13.2		1070
	3-3/4	1745		1039	13.2		1052
END RATE 4	4	1800		1013	13.2		1026
SHUT IN	0	1840		1117	13.2		1130
	1/4	1855		1130	13.2		1143
	1/2	1910		1145	13.2		1158
	3/4	1925		1157	13.2		1170
	1	1940		1161	13.2		1174
	1-1/4	1955		1163	13.2		1176
	1-1/2	2010		1165	13.2		1178
	1-3/4	2025		1170	13.2		1183
	2	2040		1174	13.2		1187
	2-1/2	2110		1179	13.2		1192
	3	2140		1183	13.2		1196
	3-1/2	2210		1187	13.2		1200
	4	2240		1190	13.2		1203
	4-1/2	2310		1193	13.2		1206
	5	2340		1202	13.2		1215
	6	2440		1206	13.2		1219
9-26-81	8	0240		1213	13.2		1226
	10	0440		1222	13.2		1235
	15	0940		1222	13.2		1235
	24	1840					