

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: MOROILCO
 LEASE: 1 O'BRIAN
 FIELD:
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: FRANK MORGAN
 WELL: #1
 ZONE: ABO
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 6,488.0'
 DEPTH: 6,384.0' TO: 6,512.0'
 TEMPERATURE: 135.0°F

ELEMENT: RFG3#22749 RANGE: 5150 psig
 CLOCK: 21663 RANGE: 12 hrs
 ELEMENT: RFG3#27629 RANGE: 6175 psig
 CLOCK: 21664 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	11/23/86	09:50:00	1,637.0 psig
SET ELEMENT	11/23/86	10:30:00	1,637.0 psig
WELL SHUT IN	11/11/11	00:00:00	0.0 psig
TEST ENDED	11/23/86	17:15:00	1,432.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/23/86	11:32:24	-.210	2,007.1	2,020.3	2,020.3
11/23/86	11:45:00	0.000	2,007.1	2,020.3	2,020.3
11/23/86	12:00:00	.250	1,988.5	2,001.7	2,001.7
11/23/86	12:15:00	.500	1,982.2	1,995.4	1,995.4
11/23/86	12:30:00	.750	1,979.5	1,992.7	1,992.7
11/23/86	12:45:00	1.000	1,977.9	1,991.1	1,991.1
11/23/86	13:00:00	1.250	1,963.6	1,976.8	1,976.8
11/23/86	13:15:00	1.500	1,957.7	1,970.9	1,970.9
11/23/86	13:30:00	1.750	1,955.5	1,968.7	1,968.7
11/23/86	13:45:00	2.000	1,952.1	1,965.3	1,965.3
11/23/86	14:00:00	2.250	1,929.4	1,942.6	1,942.6
11/23/86	14:15:00	2.500	1,918.3	1,931.5	1,931.5
11/23/86	14:30:00	2.750	1,910.5	1,923.7	1,923.7
11/23/86	14:45:00	3.000	1,905.5	1,918.7	1,918.7
11/23/86	15:00:00	3.250	1,879.1	1,892.3	1,892.3
11/23/86	15:15:00	3.500	1,867.3	1,880.5	1,880.5
11/23/86	15:30:00	3.750	1,857.4	1,870.6	1,870.6
11/23/86	15:45:00	4.000	1,848.4	1,861.6	1,861.6
11/23/86	16:00:00	4.250	1,809.2	1,822.4	1,822.4
11/23/86	16:15:00	4.500	1,791.2	1,804.4	1,804.4
11/23/86	16:30:00	4.750	1,776.3	1,789.5	1,789.5
11/23/86	16:45:00	5.000	1,765.8	1,779.0	1,779.0