

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

PRESSURE TRANSIENT TEST DATA

COMPANY: BETTIS, BOYLE, & STOVALL
 LEASE: LOTOS FEDERAL
 FIELD: UNDESIGNATED
 COUNTY: Eddy
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: BILL BAKER
 WELL: #1
 ZONE: MORROW
 STATE: New Mexico
 OPERATOR: STAGGS

PERFORATIONS FROM: 14,994.0' TO: 15,004.0'
 DEPTH: 14,950.0' TEMPERATURE: 235.0°F

ELEMENT: RPG3#46519 RANGE: 10150 psig
 CLOCK: 32160 RANGE: 24 hrs
 ELEMENT: RPG3#24374 RANGE: 12275 psig
 CLOCK: 21664 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	12/19/88	08:40:00	6,465.0 psig
SET ELEMENT	12/19/88	09:30:00	6,465.0 psig
WELL SHUT IN	11/11/11	00:00:00	0.0 psig
TEST ENDED	12/19/88	15:15:00	6,100.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
12/19/88	10:18:24	-.943	8,141.9	8,155.1	8,161.1
12/19/88	11:15:00	0.000	8,140.7	8,153.9	8,159.9
12/19/88	11:30:00	.250	8,092.0	8,105.2	8,111.2
12/19/88	11:45:01	.500	8,090.7	8,103.9	8,109.9
12/19/88	12:00:00	.750	8,093.2	8,106.4	8,112.4
12/19/88	12:15:00	1.000	8,091.3	8,104.5	8,110.5
12/19/88	12:30:00	1.250	8,044.4	8,057.6	8,063.6
12/19/88	12:45:00	1.500	8,051.9	8,065.1	8,071.1
12/19/88	13:00:00	1.750	8,030.3	8,043.5	8,049.5
12/19/88	13:15:00	2.000	8,034.0	8,047.2	8,053.2
12/19/88	13:30:01	2.250	7,996.9	8,010.1	8,016.1
12/19/88	13:45:00	2.500	7,979.0	7,992.2	7,998.2
12/19/88	14:00:00	2.750	7,952.5	7,965.7	7,971.7
12/19/88	14:15:00	3.000	7,986.4	7,999.6	8,005.6
12/19/88	14:30:00	3.250	7,841.5	7,854.7	7,860.7
12/19/88	14:45:00	3.500	7,843.9	7,857.1	7,863.1
12/19/88	15:00:00	3.750	7,858.7	7,871.9	7,877.9
12/19/88	15:15:01	4.000	7,860.0	7,873.2	7,879.2