

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

PRESSURE TRANSIENT TEST DATA

COMPANY: ROBERT N. ENFIELD
 LEASE: CARSON FEDERAL
 FIELD:
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: JIM OBRIANT
 WELL: #1
 ZONE: ATOKA
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 9,403.0'
 DEPTH: 9,335.0'

TO: 9,426.0'
 TEMPERATURE: 188.0°F

ELEMENT: RFG3#23972
 CLOCK: 28657
 ELEMENT: RFG3#27626
 CLOCK: 28658

RANGE: 6950 psig
 RANGE: 60 hrs
 RANGE: 6175 psig
 RANGE: 60 hrs

SURFACE PRESSURE MEASUREMENTS

DEAD WEIGHT
 PRESSURE

EVENT	DATE	TIME	PRESSURE
START CLOCK	11/07/85	09:52:00	1,512.0 psig
SET ELEMENT	11/07/85	10:20:00	1,512.0 psig
WELL SHUT IN	11/06/85	00:00:00	0.0 psig
TEST ENDED	11/07/85	19:50:00	1,214.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/07/85	13:57:11	-1.880	2,783.7	2,796.9	2,816.9
11/07/85	15:50:00	0.000	2,783.7	2,796.9	2,816.9
11/07/85	16:04:59	.250	2,565.5	2,578.7	2,598.7
11/07/85	16:20:01	.500	2,497.6	2,510.8	2,530.8
11/07/85	16:35:00	.750	2,450.6	2,463.8	2,483.8
11/07/85	16:49:59	1.000	2,413.4	2,426.6	2,446.6
11/07/85	17:05:01	1.250	2,337.9	2,351.1	2,371.1
11/07/85	17:20:00	1.500	2,289.1	2,302.3	2,322.3
11/07/85	17:34:59	1.750	2,252.3	2,265.5	2,285.5
11/07/85	17:50:01	2.000	2,228.2	2,241.4	2,261.4
11/07/85	18:05:00	2.250	2,167.0	2,180.2	2,200.2
11/07/85	18:19:59	2.500	2,114.1	2,127.3	2,147.3
11/07/85	18:35:01	2.750	2,076.2	2,089.4	2,109.4
11/07/85	18:50:00	3.000	2,045.9	2,059.1	2,079.1
11/07/85	19:04:59	3.250	1,970.7	1,983.9	2,003.9
11/07/85	19:20:01	3.500	1,909.5	1,922.7	1,942.7
11/07/85	19:35:00	3.750	1,869.1	1,882.3	1,902.3
11/07/85	19:49:59	4.000	1,835.0	1,848.2	1,868.2