

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

PRESSURE TRANSIENT TEST DATA

COMPANY: READ & STEVENS, INC.

CONTACT: DAN LOUGH

LEASE: NORTH LEA FEDERAL

WELL: #2

FIELD: NORTH LEA PENN

ZONE: MORROW

COUNTY: LEA

STATE: NEW MEXICO

STATUS: FOUR POINT BACK PRESSURE TEST

OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 13,177.0'

TO: 13,216.0'

DEPTH: 13,100.0'

TEMPERATURE: 258.0°F

ELEMENT: RP63#9526

RANGE: 8100 psig

CLOCK: 31768

RANGE: 48 hrs

ELEMENT: RP63#18325

RANGE: 8575 psig

CLOCK: 30996

RANGE: 48 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	09/19/87	09:50:00	4,917.0 psig
SET ELEMENT	09/19/87	12:56:00	4,917.0 psig
WELL SHUT IN	09/07/87	17:30:00	0.0 psig
TEST ENDED	09/21/87	10:30:00	4,920.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
09/19/87	13:21:07	-.648	6,915.1	6,928.3	6,945.3
09/19/87	14:00:00	0.000	6,915.1	6,928.3	6,945.3
09/19/87	14:15:02	.251	6,912.5	6,925.7	6,942.7
09/19/87	14:30:01	.500	6,908.1	6,921.3	6,938.3
09/19/87	14:44:59	.750	6,909.0	6,922.2	6,939.2
09/19/87	15:00:01	1.000	6,904.2	6,917.4	6,934.4
09/19/87	15:15:00	1.250	6,896.3	6,909.5	6,926.5
09/19/87	15:30:02	1.500	6,895.4	6,908.6	6,925.6
09/19/87	15:45:04	1.751	6,898.1	6,911.3	6,928.3
09/19/87	15:59:59	2.000	6,894.1	6,907.3	6,924.3
09/19/87	16:15:01	2.250	6,879.3	6,892.5	6,909.5
09/19/87	16:29:59	2.500	6,879.3	6,892.5	6,909.5
09/19/87	16:45:01	2.750	6,879.3	6,892.5	6,909.5
09/19/87	17:00:00	3.000	6,876.6	6,889.8	6,906.8
09/19/87	17:14:59	3.250	6,847.9	6,863.1	6,881.1
09/19/87	17:30:01	3.500	6,839.0	6,852.2	6,869.2
09/19/87	17:44:59	3.750	6,842.1	6,855.3	6,872.3
09/19/87	18:00:01	4.000	6,840.8	6,854.0	6,871.0
09/19/87	18:15:00	4.250	6,832.4	6,845.6	6,862.6
09/19/87	18:30:02	4.500	6,829.4	6,842.6	6,859.6
09/19/87	18:45:00	4.750	6,826.8	6,840.0	6,857.0
09/19/87	18:59:59	5.000	6,825.0	6,838.2	6,855.2