

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 742-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: SOUTHLAND ROYALTY
 LEASE: CITGO FED "5"
 FIELD: TURKEY TRACK
 COUNTY: ELDY
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: ED JACKSON
 WELL: #1
 ZONE:
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 9,044.0'
 ELEMENT DEPTH: 8,950.0'

TO: 9,058.0'
 TEMPERATURE: 180.0°F

ELEMENT: RPG3#45950
 CLOCK: 1935
 ELEMENT: RPG3#18753
 CLOCK: 1938

RANGE: 7250 psig
 RANGE: 12 hrs
 RANGE: 7600 psig
 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	01/22/85	08:10:00	2,180.0 psig
SET ELEMENT	01/22/85	09:37:00	2,180.0 psig
WELL SHUT IN	01/18/85	11:00:00	0.0 psig
END OF TEST	01/22/85	18:10:00	1,770.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
01/22/85	12:16:40	-1.056	3,267.8	3,281.0	3,310.0
01/22/85	13:20:00	0.000	3,267.8	3,281.0	3,310.0
01/22/85	13:35:00	.250	3,228.7	3,241.9	3,270.9
01/22/85	13:50:00	.500	3,228.7	3,241.9	3,270.9
01/22/85	14:05:00	.750	3,231.0	3,244.2	3,273.2
01/22/85	14:20:00	1.000	3,239.4	3,252.6	3,281.6
01/22/85	14:35:00	1.250	3,217.6	3,230.8	3,259.8
01/22/85	14:50:00	1.500	3,212.6	3,225.8	3,254.8
01/22/85	15:05:00	1.750	3,212.6	3,225.8	3,254.8
01/22/85	15:20:00	2.000	3,212.6	3,225.8	3,254.8
01/22/85	15:35:00	2.250	3,188.5	3,201.7	3,230.7
01/22/85	15:50:00	2.500	3,144.4	3,157.6	3,186.6
01/22/85	16:05:00	2.750	3,139.5	3,152.7	3,181.7
01/22/85	16:20:00	3.000	3,137.5	3,150.7	3,179.7
01/22/85	16:35:00	3.250	3,137.5	3,150.7	3,179.7
01/22/85	16:50:00	3.500	3,098.9	3,112.1	3,141.1
01/22/85	17:05:00	3.750	3,173.5	3,186.7	3,215.7
01/22/85	17:20:00	4.000	3,137.5	3,150.7	3,179.7
01/22/85	17:35:00	4.250	2,953.7	2,966.9	2,995.9
01/22/85	17:50:00	4.500	2,884.4	2,897.6	2,926.6
01/22/85	18:05:00	4.750	2,863.7	2,881.9	2,910.9
01/22/85	18:10:00	4.833	2,879.0	2,892.2	2,921.2