

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 743-3354
 ARTESIA, NEW MEXICO 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: J. C. WILLIAMSON
 LEASE: CANTER FEDERAL
 FIELD:
 COUNTY: EDDY
 STATUS: FOUR POINT BOTTOM HOLE PRESSURE TEST

CONTACT: GEORGE KINGREA
 WELL: #1
 ZONE: MORROW
 STATE: NEW MEXICO
 OPERATOR: RICK HATCHETT

PERFORATIONS FROM: 11,510.0'
 ELEMENT DEPTH: 11,510.0'

TO: 11,500.0'
 TEMPERATURE: 232.0°F

ELEMENT: RPOB#45632
 CLOCK: 82436
 ELEMENT: RPOB#21034
 CLOCK: 8443

RANGE: 7100 psig
 RANGE: 12 hrs
 RANGE: 3000 psig
 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	07/11/85	08:20:00	3,457.0 psig
SET ELEMENT	07/11/85	09:54:00	3,457.0 psig
WELL SHUT IN	07/08/85	03:00:00	0.0 psig
END OF TEST	07/11/85	14:15:00	2,760.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
07/11/85	10:09:35	-0.090	4,508.3	4,521.4	4,529.4
07/11/85	10:15:00	0.000	4,508.2	4,521.4	4,529.4
07/11/85	10:30:00	.250	4,456.3	4,469.5	4,477.5
07/11/85	10:45:01	.500	4,425.4	4,438.6	4,446.6
07/11/85	11:00:00	.750	4,397.4	4,410.6	4,418.6
07/11/85	11:15:00	1.000	4,370.6	4,383.8	4,391.8
07/11/85	11:30:00	1.250	4,325.1	4,338.3	4,346.3
07/11/85	11:45:00	1.500	4,288.2	4,301.4	4,309.4
07/11/85	12:00:00	1.750	4,247.2	4,260.4	4,268.4
07/11/85	12:15:00	2.000	4,208.6	4,221.8	4,229.8
07/11/85	12:30:00	2.250	4,142.8	4,155.0	4,164.0
07/11/85	12:45:00	2.500	4,081.5	4,094.7	4,102.7
07/11/85	13:00:00	2.750	4,027.9	4,041.1	4,049.1
07/11/85	13:15:00	3.000	3,974.7	3,987.9	3,995.9
07/11/85	13:30:00	3.250	3,894.8	3,908.0	3,916.0
07/11/85	13:45:00	3.500	3,820.1	3,833.3	3,841.3
07/11/85	14:00:00	3.750	3,750.2	3,769.4	3,771.4
07/11/85	14:15:00	4.000	3,683.2	3,696.4	3,704.4