

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

PRESSURE TRANSIENT TEST DATA

COMPANY: CITIES SERVICES	CONTACT: JOE GIBSON
LEASE: FEDERAL "AC"	WELL: #1
FIELD: WILDCAT	ZONE: MORROW
COUNTY: EDDY	STATE: NEW MEXICO
STATUS: FOUR POINT BACK PRESSURE TEST	OPERATOR: MATT LEE

PERFORATIONS FROM: 10,202.0'	TO: 10,234.0'
DEPTH: 10,216.0'	TEMPERATURE: 240.0°F

ELEMENT: RFG3#23972	RANGE: 6950 psig
CLOCK: 28657	RANGE: 120 hrs
ELEMENT: RFG3#18753	RANGE: 7600 psig
CLOCK: 21850	RANGE: 120 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	08/15/85	15:33:00	2,850.0 psig
SET ELEMENT	08/15/85	17:10:00	2,820.0 psig
WELL SHUT IN	08/15/85	18:10:00	2,757.0 psig
TEST ENDED	08/19/85	12:05:00	2,318.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/19/85	07:50:00	0.000	3,928.4	3,941.6	3,941.6
08/19/85	08:05:02	.251	3,882.6	3,895.8	3,895.8
08/19/85	08:20:01	.500	3,878.7	3,891.9	3,891.9
08/19/85	08:35:01	.750	3,861.2	3,874.4	3,874.4
08/19/85	08:49:59	1.000	3,831.5	3,844.7	3,844.7
08/19/85	09:05:00	1.250	3,912.3	3,925.5	3,925.5
08/19/85	09:20:00	1.500	3,761.1	3,774.3	3,774.3
08/19/85	09:35:00	1.750	3,679.2	3,692.4	3,692.4
08/19/85	09:50:01	2.000	3,591.4	3,604.6	3,604.6
08/19/85	10:05:01	2.250	3,548.3	3,561.5	3,561.5
08/19/85	10:20:01	2.500	3,321.9	3,335.1	3,335.1
08/19/85	10:35:00	2.750	3,289.3	3,302.5	3,302.5
08/19/85	10:50:00	3.000	3,281.3	3,294.5	3,294.5
08/19/85	11:05:00	3.250	3,275.0	3,288.2	3,288.2
08/19/85	11:20:01	3.500	3,097.5	3,110.7	3,110.7
08/19/85	11:35:03	3.751	3,071.6	3,084.8	3,084.8
08/19/85	11:49:59	4.000	3,058.3	3,071.5	3,071.5
08/19/85	12:05:00	4.250	3,045.7	3,058.9	3,058.9
08/19/85	12:20:00	4.500	3,036.3	3,049.5	3,049.5