

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: BOTTOM HOLE PRESSURE BUILD UP TEST

OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 10,202.0'
 DEPTH: 10,216.0'

TO: 10,234.0'
 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	07:30:00	3,146.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/15/85	17:09:40	-1.006	3,562.7	3,575.9	3,575.9
08/15/85	17:10:00	-1.000	3,560.7	3,573.9	3,573.9
08/15/85	17:25:00	-.750	3,500.7	3,513.9	3,513.9
08/15/85	17:40:00	-.500	3,489.0	3,502.2	3,502.2
08/15/85	17:55:00	-.250	3,486.0	3,499.2	3,499.2
08/15/85	18:10:00	0.000	3,484.3	3,497.5	3,497.5
08/15/85	18:15:00	.083	3,639.4	3,652.6	3,652.6
08/15/85	18:20:00	.167	3,810.5	3,823.7	3,823.7
08/15/85	18:25:00	.250	3,835.1	3,848.3	3,848.3
08/15/85	18:30:00	.333	3,842.6	3,855.8	3,855.8
08/15/85	18:35:00	.417	3,844.7	3,857.9	3,857.9
08/15/85	18:40:00	.500	3,845.7	3,858.9	3,858.9
08/15/85	18:45:00	.583	3,846.2	3,859.4	3,859.4
08/15/85	18:50:00	.667	3,846.7	3,859.9	3,859.9
08/15/85	18:55:00	.750	3,847.1	3,860.3	3,860.3
08/15/85	19:00:00	.833	3,847.6	3,860.8	3,860.8
08/15/85	19:05:00	.917	3,848.1	3,861.3	3,861.3
08/15/85	19:10:00	1.000	3,848.5	3,861.7	3,861.7
08/15/85	19:25:00	1.250	3,849.9	3,863.1	3,863.1
08/15/85	19:40:00	1.500	3,851.3	3,864.5	3,864.5
08/15/85	19:55:00	1.750	3,852.7	3,865.9	3,865.9
08/15/85	20:10:00	2.000	3,854.1	3,867.3	3,867.3