

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

PRESSURE TRANSIENT TEST DATA

COMPANY: SUN EXPLORATION & PRODUCTION
 LEASE: SHOEBAR STATE COM
 FIELD: SHOEBAR ATOKA GAS
 COUNTY: LEA
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: DANNY ROSSEN
 WELL: #1
 ZONE: ATOKA
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 12,035.0'
 DEPTH: 11,938.0'

TO: 12,070.0'
 TEMPERATURE: 202.0°F

ELEMENT: RFG3#46632
 CLOCK: 3443
 ELEMENT: RFG3#18753
 CLOCK: 21664

RANGE: 7100 psig
 RANGE: 12 hrs
 RANGE: 7600 psig
 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	12/06/87	12:26:00	
SET ELEMENT	12/06/87	12:50:00	2,097.0 psig
WELL SHUT IN	12/04/87	09:30:00	2,097.0 psig
TEST ENDED	12/06/87	18:30:00	1,732.0 psig
			1,625.0 psig

SURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
12/06/87	14:01:44	-0.471			
12/06/87	14:30:00	0.000	2,856.3	2,869.5	2,878.5
12/06/87	14:45:00	.250	2,856.3	2,869.5	2,878.5
12/06/87	15:00:00	.500	2,738.4	2,751.6	2,760.6
12/06/87	15:15:00	.750	2,728.4	2,741.6	2,750.6
12/06/87	15:30:00	1.000	2,737.2	2,750.4	2,759.4
12/06/87	15:45:00	1.250	2,750.2	2,763.4	2,772.4
12/06/87	16:00:00	1.500	2,672.7	2,685.9	2,694.9
12/06/87	16:15:00	1.750	2,678.1	2,691.3	2,700.3
12/06/87	16:30:00	2.000	2,692.6	2,705.8	2,714.8
12/06/87	16:45:00	2.250	2,688.8	2,702.0	2,711.0
12/06/87	17:00:00	2.500	2,560.9	2,574.1	2,583.1
12/06/87	17:15:00	2.750	2,561.3	2,574.5	2,583.5
12/06/87	17:30:00	3.000	2,560.2	2,573.4	2,582.4
12/06/87	17:45:00	3.250	2,568.5	2,581.7	2,590.7
12/06/87	18:00:00	3.500	2,397.1	2,370.3	2,379.3
12/06/87	18:15:00	3.750	2,337.7	2,350.9	2,359.9
12/06/87	18:30:00	4.000	2,331.2	2,344.4	2,353.4
			2,332.0	2,345.2	2,354.2