

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

PRESSURE TRANSIENT TEST DATA

COMPANY: SUN EXPLORATION COMPANY
 LEASE: MADURO
 FIELD:
 COUNTY: LEA
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: DANNY ROSSEN
 WELL: #1
 ZONE: MORROW
 STATE: NEW MEXICO
 OPERATOR: RICKY HATCHETT

PERFORATIONS FROM: 13,128.0'
 DEPTH: 13,000.0'

TO: 13,320.0'
 TEMPERATURE: 240.0°F

ELEMENT: RFG3#9526
 CLOCK: 21664
 ELEMENT: RFG3#21034
 CLOCK: 21663

RANGE: 8100 psig
 RANGE: 12 hrs
 RANGE: 8000 psig
 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	04/04/86	07:47:00	4,392.0 psig
SET ELEMENT	04/04/86	09:37:00	4,392.0 psig
WELL SHUT IN	04/03/86	15:00:00	2,300.0 psig
TEST ENDED	04/04/86	13:45:00	3,302.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
04/04/86	09:45:00	0.000	5,956.8	5,970.0	5,999.0
04/04/86	10:00:00	.250	5,716.9	5,730.1	5,759.1
04/04/86	10:15:00	.500	5,601.0	5,614.2	5,643.2
04/04/86	10:30:00	.750	5,536.6	5,549.8	5,578.8
04/04/86	10:45:00	1.000	5,487.6	5,500.8	5,529.8
04/04/86	11:00:01	1.250	5,395.8	5,409.0	5,438.0
04/04/86	11:15:00	1.500	5,293.8	5,307.0	5,336.0
04/04/86	11:30:00	1.750	5,206.1	5,219.3	5,248.3
04/04/86	11:45:00	2.000	5,144.9	5,158.1	5,187.1
04/04/86	12:00:00	2.250	4,991.5	5,004.7	5,033.7
04/04/86	12:15:00	2.500	4,927.4	4,940.6	4,969.6
04/04/86	12:30:00	2.750	4,893.6	4,906.8	4,935.8
04/04/86	12:45:00	3.000	4,872.7	4,885.9	4,914.9
04/04/86	13:00:00	3.250	4,785.4	4,798.6	4,827.6
04/04/86	13:15:00	3.500	4,741.0	4,754.2	4,783.2
04/04/86	13:30:00	3.750	4,717.3	4,730.5	4,759.5
04/04/86	13:45:00	4.000	4,696.5	4,709.7	4,738.7

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