

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-3854
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: MOROILCO
 LEASE: STIVASON FEDERAL
 FIELD:
 COUNTY: LEA
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: FRANK MORGAN
 WELL: #1
 ZONE: SAN MIGUEL
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNELY

PERFORATIONS FROM: 3,909.0'
 ELEMENT DEPTH: 3,835.0'

TO: 3,914.0'
 TEMPERATURE: 114.0°F

ELEMENT: RPC3#18753
 CLOCK: 32463
 ELEMENT: RPC3#21034
 CLOCK: 3443

RANGE: 7600 psia
 RANGE: 12 hrs
 RANGE: 8000 psia
 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	04/25/85	07:59:00	1,332.0 psia
SET ELEMENT	04/25/85	09:25:00	1,330.0 psia
WELL SHUT IN	01/01/84	00:00:00	0.0 psia
END OF TEST	04/25/85	14:00:00	1,065.0 psia

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psia +6	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
04/25/85	09:32:25	- .460	1,493.7	1,506.9	1,512.9
04/25/85	10:00:00	0.000	1,493.7	1,506.9	1,512.9
04/25/85	10:15:00	.250	1,459.2	1,472.4	1,478.4
04/25/85	10:30:00	.500	1,465.3	1,478.5	1,484.5
04/25/85	10:45:00	.750	1,454.7	1,467.9	1,473.9
04/25/85	11:00:00	1.000	1,453.9	1,467.1	1,473.1
04/25/85	11:15:00	1.250	1,409.6	1,422.8	1,428.8
04/25/85	11:30:00	1.500	1,402.7	1,415.9	1,421.9
04/25/85	11:45:00	1.750	1,401.1	1,414.3	1,420.3
04/25/85	12:00:00	2.000	1,404.4	1,417.6	1,423.6
04/25/85	12:15:00	2.250	1,355.2	1,368.4	1,374.4
04/25/85	12:30:00	2.500	1,342.6	1,355.8	1,361.8
04/25/85	12:45:00	2.750	1,335.3	1,348.5	1,354.5
04/25/85	13:00:00	3.000	1,332.5	1,345.7	1,351.7
04/25/85	13:15:00	3.250	1,255.8	1,269.0	1,275.0
04/25/85	13:30:00	3.500	1,250.9	1,264.1	1,270.1
04/25/85	14:00:00	4.000	1,254.1	1,267.3	1,273.3