

READ & SWEENEY WELL SITE SERVICE
 PHONE (505) 734-3454
 ARTESIA, NEW MEXICO 80210

PRESSURE TRANSIENT TEST DATA

COMPANY: READ & SWEENEY	CONTACT: DANIEL LOUDER
LEASE: NORTH LEA FEDERAL	WELL: #1Y
FIELD: NORTH LEA PENN	ZONE: HORROW
COUNTY: LEA	STATE: NEW MEXICO
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST	OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 12,993.0'
 DEPTH: 12,800.0' TO: 13,136.0'
 TEMPERATURE: 248.0°F

ELEMENT: RP63#21034	RANGE: 8000 psig
CLOCK: 31383	RANGE: 72 hrs
ELEMENT: RP63#7526	RANGE: 8100 psig
CLOCK: 27193	RANGE: 72 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	05/14/86	10:57:00	4,010.0 psig
SET ELEMENT	05/14/86	11:45:00	4,010.0 psig
WELL SHUT IN	05/14/86	16:00:00	2,147.0 psig
TEST ENDED	05/16/86	15:55:00	4,007.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
05/14/86	13:56:42	-2.055	6,095.2	6,108.4	6,141.4
05/14/86	14:00:00	-2.000	5,931.0	5,944.2	5,977.2
05/14/86	14:15:00	-1.750	5,318.0	5,331.2	5,364.2
05/14/86	14:30:00	-1.500	5,100.3	5,113.5	5,146.5
05/14/86	14:45:00	-1.250	4,958.1	4,971.3	5,004.3
05/14/86	15:00:00	-1.000	4,818.1	4,831.3	4,864.3
05/14/86	15:15:00	-.750	4,668.2	4,681.4	4,714.4
05/14/86	15:30:00	-.500	4,479.0	4,492.2	4,525.2
05/14/86	15:45:00	-.250	4,289.8	4,303.0	4,336.0
05/14/86	16:00:00	0.000	4,100.7	4,113.9	4,146.9
05/14/86	16:05:00	.083	4,481.0	4,494.2	4,527.2
05/14/86	16:10:00	.167	4,861.4	4,874.6	4,907.6
05/14/86	16:15:00	.250	5,241.7	5,254.9	5,287.9
05/14/86	16:20:00	.333	5,495.1	5,508.3	5,541.3
05/14/86	16:25:00	.417	5,679.5	5,692.7	5,725.7
05/14/86	16:30:00	.500	5,863.9	5,877.1	5,910.1
05/14/86	16:35:00	.583	5,925.6	5,938.8	5,971.8
05/14/86	16:40:00	.667	5,972.9	5,986.1	6,019.1
05/14/86	16:45:00	.750	6,001.0	6,014.2	6,047.2
05/14/86	16:50:00	.833	6,016.2	6,029.4	6,062.4
05/14/86	16:55:00	.917	6,029.0	6,042.2	6,075.2
05/14/86	17:00:00	1.000	6,041.3	6,054.5	6,087.5