

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

PRESSURE TRANSIENT TEST DATA

COMPANY: SANTA FE ENERGY
 LEASE: STERLING SILVER 33
 FIELD:
 COUNTY: LEA
 STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST

CONTACT: TOMMY FOLSOM
 WELL: #2
 ZONE:
 STATE: NEW MEXICO
 OPERATOR: JOE HERNANDEZ

PERFORATIONS FROM: 14,808.0'
 DEPTH: 14,725.0' TO: 14,818.0'
 TEMPERATURE: 190.0°F

ELEMENT: RP63#24374 RANGE: 12275 psig
 CLOCK: 30315 RANGE: 120 hrs
 ELEMENT: RP63#25676 RANGE: 15125 psig
 CLOCK: 28656 RANGE: 120 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	04/16/87	09:12:00	
SET ELEMENT	04/16/87	13:39:00	1,713.0 psig
WELL SHUT IN	04/17/87	02:10:00	1,909.0 psig
TEST ENDED	04/20/87	07:15:00	1,868.0 psig 5,877.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
04/17/87	02:10:00	0.000	2,695.0	2,708.2	2,718.2
04/17/87	02:15:00	.083	2,959.4	2,972.6	2,982.6
04/17/87	02:20:00	.167	3,223.9	3,237.1	3,247.1
04/17/87	02:25:00	.250	3,488.5	3,501.7	3,511.7
04/17/87	02:30:00	.333	3,753.2	3,766.4	3,776.4
04/17/87	02:35:00	.417	4,017.9	4,031.1	4,041.1
04/17/87	02:40:00	.500	4,274.7	4,287.9	4,297.9
04/17/87	02:45:00	.583	4,525.9	4,539.1	4,549.1
04/17/87	02:50:00	.667	4,777.2	4,790.4	4,800.4
04/17/87	02:55:00	.750	5,027.8	5,041.0	5,051.0
04/17/87	03:00:00	.833	5,274.7	5,287.9	5,297.9
04/17/87	03:05:00	.917	5,521.7	5,534.9	5,544.9
04/17/87	03:10:00	1.000	5,768.7	5,781.9	5,791.9
04/17/87	03:25:00	1.250	6,460.0	6,473.2	6,483.2
04/17/87	03:40:00	1.500	6,927.9	6,941.1	6,951.1
04/17/87	03:55:00	1.750	7,232.2	7,245.4	7,255.4
04/17/87	04:10:00	2.000	7,362.8	7,376.0	7,386.0
04/17/87	04:25:00	2.250	7,401.7	7,414.9	7,424.9
04/17/87	04:40:00	2.500	7,407.5	7,420.7	7,430.7
04/17/87	04:55:00	2.750	7,413.3	7,426.5	7,436.5
04/17/87	05:10:00	3.000	7,415.8	7,429.0	7,439.0
04/17/87	05:25:00	3.250	7,417.3	7,430.5	7,440.5