

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

PRESSURE TRANSIENT TEST DATA

COMPANY: SANTA FE ENERGY	CONTACT: TOMMY FOLSOM
LEASE: FERGUSON	WELL: #1
FIELD: SOUTH CARLSBAD	ZONE: STRAWN
COUNTY: EDDY	STATE: NEW MEXICO
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST	OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 10,481.0'	TO: 10,595.0'
DEPTH: 10,249.0'	TEMPERATURE: 185.0°F

ELEMENT: RPG3#9526	RANGE: 8100 psig
CLOCK: 27193	RANGE: 72 hrs
ELEMENT: RPG3#18753	RANGE: 7600 psig
CLOCK: 27192	RANGE: 72 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	08/23/85	13:06:00	2,244.0 psig
SET ELEMENT	08/23/85	14:38:00	2,265.0 psig
WELL SHUT IN	08/23/85	15:30:00	2,244.0 psig
TEST ENDED	08/26/85	19:50:00	4,040.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/23/85	14:30:54	-.985	3,864.1	3,877.3	3,929.3
08/23/85	14:45:00	-.750	3,870.9	3,884.1	3,936.1
08/23/85	15:00:00	-.500	3,878.2	3,891.4	3,943.4
08/23/85	15:15:00	-.250	3,885.4	3,898.6	3,950.6
08/23/85	15:30:00	0.000	3,892.7	3,905.9	3,957.9
08/23/85	15:35:00	.083	4,294.9	4,308.1	4,360.1
08/23/85	15:40:00	.167	4,425.9	4,439.1	4,491.1
08/23/85	15:45:00	.250	4,512.6	4,525.8	4,577.8
08/23/85	15:50:00	.333	4,599.3	4,612.5	4,664.5
08/23/85	15:55:00	.417	4,686.0	4,699.2	4,751.2
08/23/85	16:00:00	.500	4,752.0	4,765.2	4,817.2
08/23/85	16:05:00	.583	4,787.0	4,800.2	4,852.2
08/23/85	16:10:00	.667	4,822.0	4,835.2	4,887.2
08/23/85	16:15:00	.750	4,857.1	4,870.3	4,922.3
08/23/85	16:20:00	.833	4,894.1	4,907.3	4,959.3
08/23/85	16:25:00	.917	4,931.7	4,944.9	4,996.9
08/23/85	16:30:00	1.000	4,958.3	4,971.5	5,023.5
08/23/85	16:35:00	1.083	4,983.7	4,996.9	5,048.9
08/23/85	16:40:00	1.167	5,008.9	5,022.1	5,074.1
08/23/85	16:45:00	1.250	5,028.4	5,041.6	5,093.6
08/23/85	16:50:00	1.333	5,047.9	5,061.1	5,113.1
08/23/85	16:55:00	1.417	5,064.2	5,077.4	5,129.4