

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

PRESSURE TRANSIENT TEST DATA

COMPANY: PETRUS OIL CO.	CONTACT: MIKE ERWIN
LEASE: HENSHAW FEDERAL	WELL: #1
FIELD:	ZONE: ATOKA
COUNTY: EDDY	STATE: NEW MEXICO
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST	OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 10,374.0'	TO: 10,390.0'
DEPTH: 10,307.0'	TEMPERATURE: 179.0°F

ELEMENT: RP63#46632	RANGE: 7100 psig
CLOCK: 2522	RANGE: 72 hrs
ELEMENT: RP63#23972	RANGE: 6950 psig
CLOCK: 21850	RANGE: 120 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	08/15/87	08:25:00	2,050.0 psig
SET ELEMENT	08/15/87	09:20:00	2,050.0 psig
WELL SHUT IN	08/15/87	11:30:00	1,090.0 psig
TEST ENDED	08/18/87	14:10:00	2,295.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/15/87	10:16:08	-1.231	3,748.5	3,761.7	3,777.7
08/15/87	10:30:00	-1.000	3,363.4	3,376.6	3,392.6
08/15/87	10:45:00	-.750	2,947.0	2,960.2	2,976.2
08/15/87	11:00:00	-.500	2,631.3	2,644.5	2,660.5
08/15/87	11:15:00	-.250	2,385.0	2,398.2	2,414.2
08/15/87	11:30:00	0.000	2,186.8	2,200.0	2,216.0
08/15/87	11:35:00	.083	2,335.2	2,348.4	2,364.4
08/15/87	11:40:00	.167	2,469.4	2,482.6	2,498.6
08/15/87	11:45:00	.250	2,587.9	2,601.1	2,617.1
08/15/87	11:50:00	.333	2,706.4	2,719.6	2,735.6
08/15/87	11:55:00	.417	2,823.0	2,836.2	2,852.2
08/15/87	12:00:00	.500	2,939.1	2,952.3	2,968.3
08/15/87	12:05:00	.583	3,047.3	3,060.5	3,076.5
08/15/87	12:10:00	.667	3,140.8	3,154.0	3,170.0
08/15/87	12:15:00	.750	3,234.2	3,247.4	3,263.4
08/15/87	12:20:00	.833	3,327.7	3,340.9	3,356.9
08/15/87	12:25:00	.917	3,407.3	3,420.5	3,436.5
08/15/87	12:30:00	1.000	3,485.8	3,499.0	3,515.0
08/15/87	12:45:00	1.250	3,667.5	3,680.7	3,696.7
08/15/87	13:00:00	1.500	3,794.9	3,808.1	3,824.1
08/15/87	13:15:00	1.750	3,876.4	3,889.6	3,905.6
08/15/87	13:30:00	2.000	3,923.9	3,937.1	3,953.1