

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

PRESSURE TRANSIENT TEST DATA

COMPANY: POGO
 LEASE: LIGHTFOOT COM
 FIELD:
 COUNTY: EDDY
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: BILL GILL
 WELL: #2
 ZONE: MORROW
 STATE: NEW MEXICO
 OPERATOR: B.J. CATHEY

PERFORATIONS FROM: 12,709.0'
 ELEMENT DEPTH: 12,620.0'

TO: 12,766.0'
 TEMPERATURE: 190.0°F

ELEMENT: RPG3#18753
 CLOCK: 27193
 ELEMENT: RPG3#18323
 CLOCK: 32463

RANGE: 7600 psig
 RANGE: 36 hrs
 RANGE: 8600 psig
 RANGE: 24 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	04/11/85	18:20:00	4,080.0 psig
SET ELEMENT	04/11/85	20:45:00	4,144.0 psig
WELL SHUT IN	04/11/85	12:00:00	0.0 psig
END OF TEST	04/12/85	15:15:00	1,580.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
04/12/85	09:41:24	-1.560	5,470.9	5,484.1	5,541.1
04/12/85	11:15:00	0.000	5,470.9	5,484.1	5,541.1
04/12/85	11:30:00	.250	5,015.2	5,028.4	5,085.4
04/12/85	11:45:01	.500	4,855.5	4,868.7	4,925.7
04/12/85	12:00:01	.750	4,801.6	4,814.8	4,871.8
04/12/85	12:14:59	1.000	4,768.5	4,781.7	4,838.7
04/12/85	12:30:00	1.250	4,598.3	4,611.5	4,668.5
04/12/85	12:45:00	1.500	4,501.3	4,514.5	4,571.5
04/12/85	13:00:02	1.751	4,443.4	4,456.6	4,513.6
04/12/85	13:15:01	2.000	4,420.3	4,433.5	4,490.5
04/12/85	13:30:01	2.250	4,005.1	4,018.3	4,075.3
04/12/85	13:44:59	2.500	3,717.9	3,731.1	3,788.1
04/12/85	14:00:00	2.750	3,573.4	3,586.6	3,643.6
04/12/85	14:15:00	3.000	3,460.7	3,473.9	3,530.9
04/12/85	14:30:00	3.250	3,002.9	3,016.1	3,073.1
04/12/85	14:45:01	3.500	2,728.7	2,741.9	2,798.9
04/12/85	15:00:01	3.750	2,569.9	2,583.1	2,640.1
04/12/85	15:14:59	4.000	2,465.8	2,479.0	2,536.0