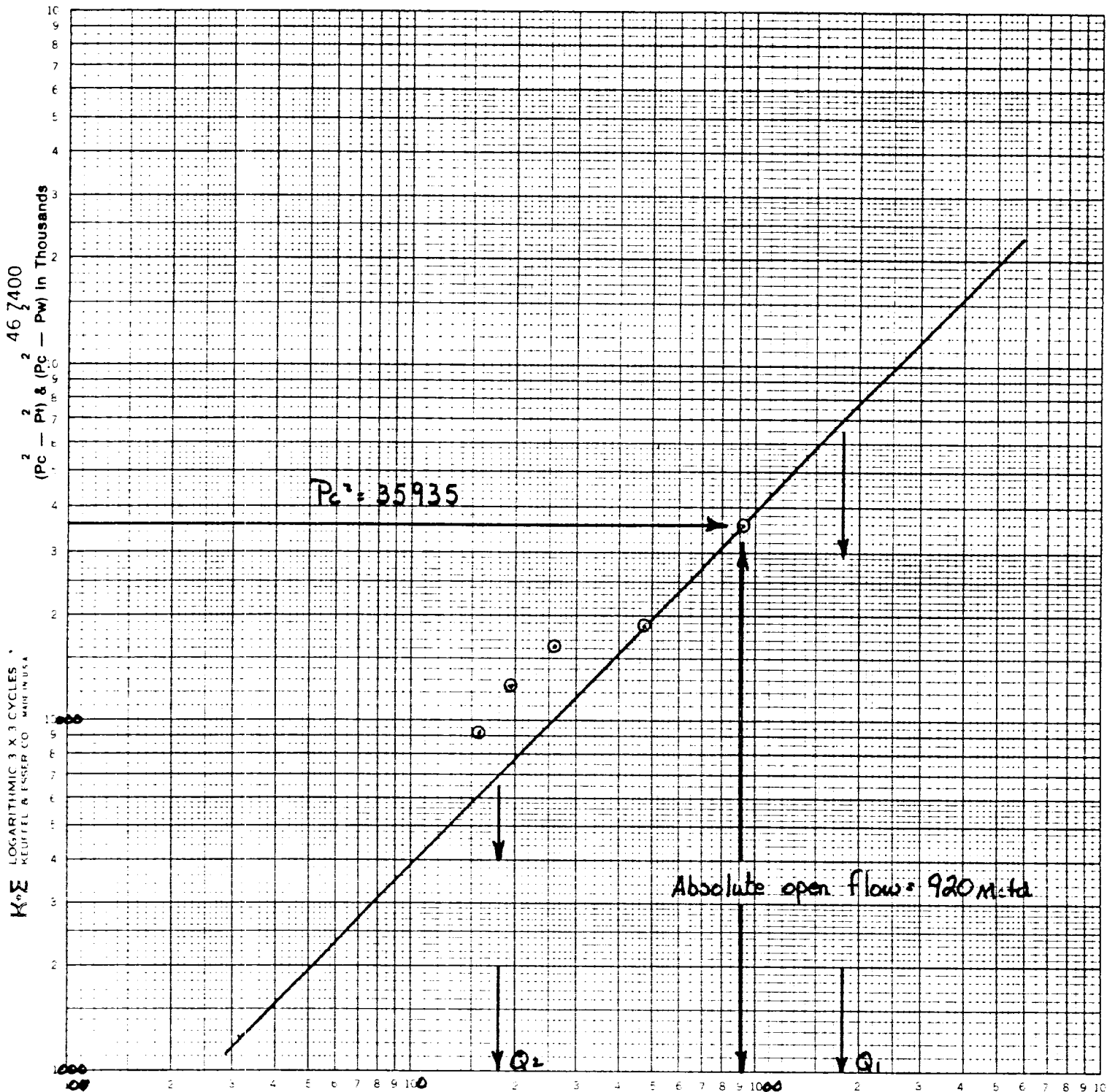


BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Pogo Lease State L. Cam. Well No. 2
 County Lea Field Gama Ridge Est. Location 25 215 34E
 Date of Test 6-15-85 Slope "n" 1.000 Angle of Slope 45°
 Calc. Abs. Potential 920 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = \underline{70000}$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = \underline{7000}$$

$$Q_1 = \underline{1800}$$

$$Q_2 = \underline{180}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{3.2553}$$

$$\text{LOG } Q_2 = \underline{2.2553}$$

$$n = \underline{1.000}$$

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-3254
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: POGO	CONTACT: BILL GILL
LEASE: STATE "L" COM	WELL: #2
FIELD: GAMMA RIDGE EAST	ZONE: MORROW
COUNTY: LEA	STATE: NEW MEXICO
STATUS: FOUR POINT BACK PRESSURE TEST	OPERATOR: RICK HATCHETT

PERFORATIONS FROM: 12,506.0'	TO: 12,514.0'
ELEMENT DEPTH: 12,440.0'	TEMPERATURE: 220.0°F

ELEMENT: RPG8#46519	RANGE: 10175 psig
CLOCK: 21768	RANGE: 72 hrs
ELEMENT: RPG8#24374	RANGE: 12300 psig
CLOCK: 22462	RANGE: 72 hrs

SURFACE PRESSURE MEASUREMENTS

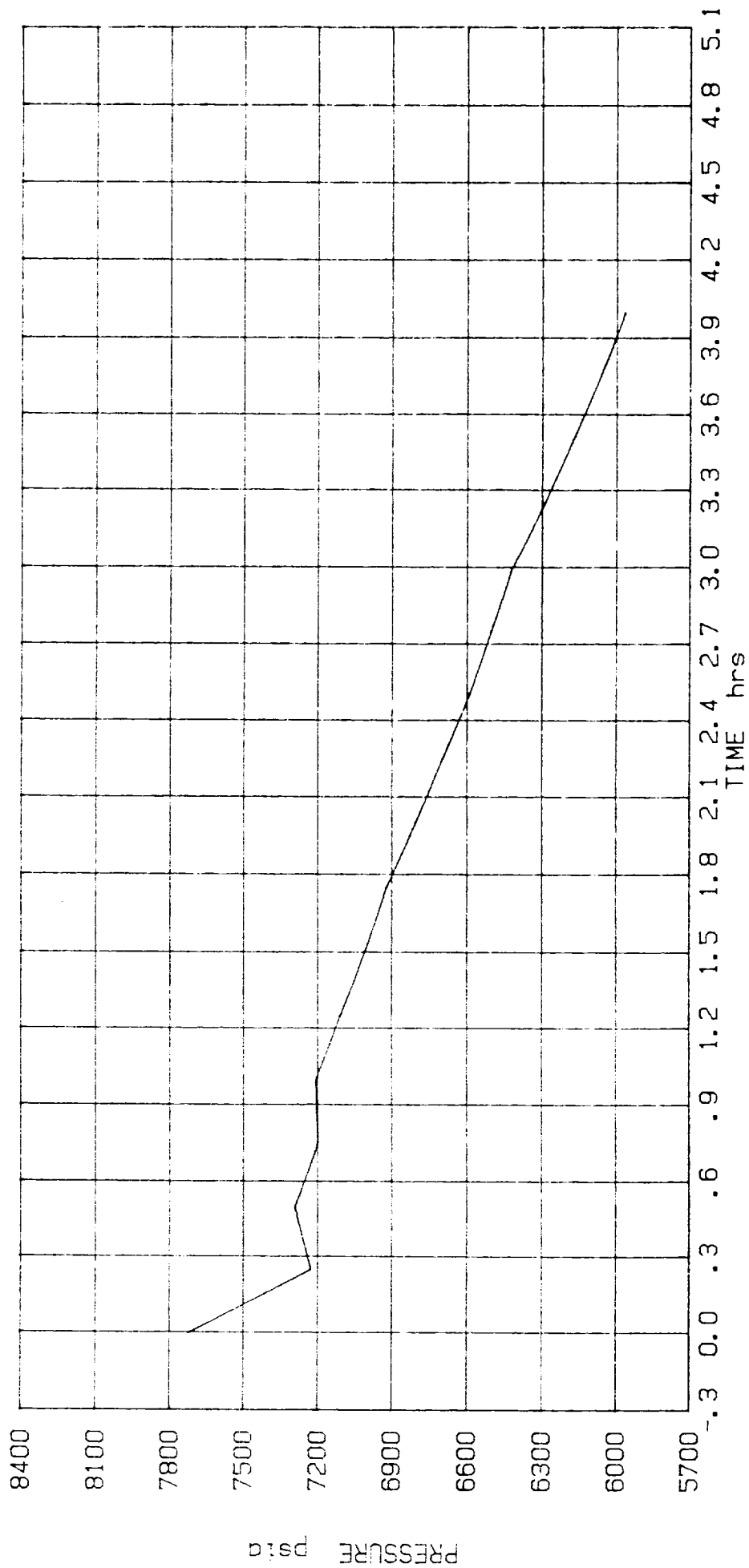
EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	06/12/85	16:46:00	900.0 psig
SET ELEMENT	06/12/85	17:25:00	200.0 psig
WELL SHUT IN	06/12/85	18:45:00	0.0 psig
END OF TEST	06/16/85	10:30:00	0.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
06/15/85	13:30:00	0.000	7.682.9	7.696.1	7.725.1
06/15/85	13:35:02	.251	7.106.8	7.200.0	7.229.0
06/15/85	13:49:59	.500	7.249.8	7.263.0	7.292.0
06/15/85	14:05:01	.750	7.157.2	7.170.4	7.199.4
06/15/85	14:19:59	.999	7.165.2	7.178.4	7.207.4
06/15/85	14:35:00	1.250	7.067.7	7.080.9	7.109.9
06/15/85	14:50:02	1.500	6.970.2	6.983.4	7.012.4
06/15/85	15:04:59	1.750	6.882.0	6.895.2	6.924.2
06/15/85	15:20:01	2.000	6.764.2	6.777.4	6.806.4
06/15/85	15:35:02	2.251	6.656.2	6.669.4	6.696.4
06/15/85	15:49:59	2.500	6.550.7	6.563.9	6.592.9
06/15/85	16:05:01	2.750	6.462.1	6.475.3	6.505.3
06/15/85	16:19:59	3.000	6.379.2	6.392.4	6.421.4
06/15/85	16:35:00	3.250	6.249.0	6.262.2	6.291.2
06/15/85	16:50:02	3.501	6.134.2	6.147.4	6.175.4
06/15/85	17:07:45	3.796	6.005.3	6.018.5	6.047.5
06/15/85	17:20:01	4.000	5.924.4	5.937.6	5.966.6
06/15/85	20:50:00	7.500			5,611.2

TEST DATE: 06/12/85 TO 06/16/85
TEST DEPTH: 12440 ft
ELEMENT NO: RPG3#24374
RANGE: 12300 psig
CLOCK: 22463
RANGE: 72 hrs
OPERATOR: RICK HATCHETT

BILL GILL
POGO
STATE "L" COM #2
BENNETT-CATHEY WIRE LINE SERVICE
Box 787 Artesia, N.M. 88210 (505) 748-3354



**NEW-TEX
LAB**

PHONE 505/393-3581

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: BENNETT & CATHEY INC
ADDRESS: BOX 787
CITY, STATE: ARTESIA NM 88210

ANALYSIS NUMBER: 7369
DATE OF RUN: 6/13/85
DATE SECURED: 6/12/85

SAMPLE IDENT: POGO PRODU - STATE "L" COM #2
SAMPLING PRESS: 420 PSIG
SAMPLING TEMP: 90 DEG F

REMARKS: FIELD: GAMMA RIDGE
REMARKS: SAMPLED IN LEA COUNTY NEW MEXICO

***** GAS ANALYSIS *****

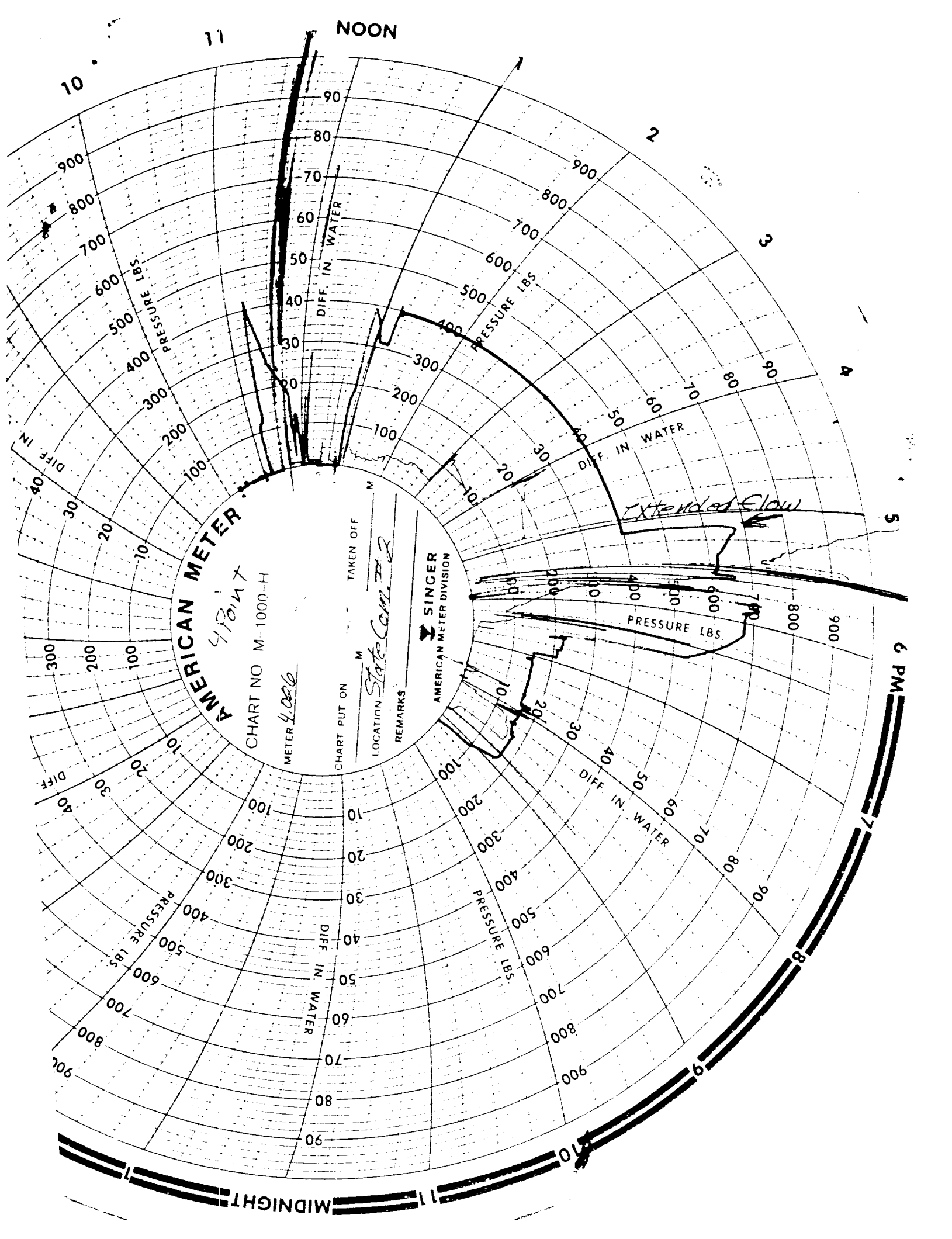
	MOLE PERCENT	GAL/ MCF
NITROGEN	0.291	
CARBON DIOXIDE	11.556	
METHANE	83.907	
ETHANE	3.040	0.811
PROPANE	0.848	0.233
ISO-BUTANE	0.123	0.040
NORMAL BUTANE	0.200	0.063
ISO-PENTANE	0.020	0.007
NORMAL PENTANE	0.015	0.005
TOTAL	100.000	1.159

PROPANE GPM:	0.23	BUTANES GPM:	0.10
ETHANE GPM:	0.81	PENTANES PLUS GPM:	0.01

SPECIFIC GRAV (CALC): 0.6951
MOLE WEIGHT: 20.13

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		916	935
14.650		915	932
14.730		920	937
14.735		921	937





COMPANY: POGO
LEASE: STATE "L" COM
FIELD: GAMMA RIDGE EAST
COUNTY: LEA
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST
PERFORATIONS FROM: 12506 ft
DEPTH: 12440 ft

CONTACT: BILL GILL
WELL: #2
ZONE: MORROW
STATE: NEW MEXICO
OPERATOR: B J CATHEY
TO: 12514 ft
TEMPERATURE: 220°F

ELEMENT# RPO3#46519
CLOCK# 21768
ELEMENT# RPO3#24874
CLOCK# 22462

ELEMENT RANGE: 10175 psig
CLOCK RANGE: 72 hrs
ELEMENT RANGE: 12300 psig
CLOCK RANGE: 72 hrs

START CLOCK 06/12/85
SET ELEMENT 06/12/85
WELL SHUT IN 06/12/85
TEST ENDED 06/15/85

16:46:00 800 psig
17:25:00 800 psig
18:45:00 0 psig
12:20:00 4985 psig

GAIN= 1
FILE: PO-3:D701

BIAS= 29 psi
BAROMETRIC PRESSURE= 13.2 psia

BENNETT CATHEY WIRE LINE SERVICE
 PHONE (505) 749-2354
 ARTESIA, NEW MEXICO. 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: POGO
 LEASE: STATE "L" COM
 FIELD: GAMMA RIDGE EAST
 COUNTY: LEA
 STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST

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

PERFORATIONS FROM: 12,506.0'
 ELEMENT DEPTH: 12,440.0'

TO: 12,514.0'
 TEMPERATURE: 220.0°F

ELEMENT: RPO3#46519
 CLOCK: 21766
 ELEMENT: RPO3#24374
 CLOCK: 32462

RANGE: 10175 psig
 RANGE: 72 hrs
 RANGE: 12300 psig
 RANGE: 72 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	06/12/85	16:45:00	800.0 psig
SET ELEMENT	06/12/85	17:25:00	800.0 psig
WELL SHUT IN	06/12/85	18:45:00	0.0 psig
END OF TEST	06/15/85	13:20:00	4,905.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	Gauge Pressure psig	Absolute Pressure psia	Reservoir Pressure psia
06/12/85	17:35:42	-1.155	4,203.0	4,215.2
06/12/85	17:45:00	-1.000	4,276.9	4,290.0
06/12/85	18:00:00	-0.750	4,383.2	4,396.4
06/12/85	18:15:00	-0.500	4,464.9	4,478.0
06/12/85	18:30:00	-0.250	4,553.7	4,566.9
06/12/85	18:45:00	0.000	4,657.5	4,670.7
06/12/85	18:50:00	.093	4,652.0	4,665.2
06/12/85	18:55:00	.167	4,611.7	4,624.9
06/12/85	19:00:00	.250	4,582.1	4,595.3
06/12/85	19:05:00	.333	4,551.7	4,564.9
06/12/85	19:10:00	.417	4,520.1	4,533.3
06/12/85	19:15:00	.500	4,488.5	4,501.7
06/12/85	19:20:00	.583	4,456.9	4,470.1
06/12/85	19:25:00	.667	4,525.9	4,539.0
06/12/85	19:30:00	.750	4,599.2	4,612.4
06/12/85	19:35:00	.833	4,672.5	4,685.7
06/12/85	19:40:00	.917	4,741.3	4,754.5
06/12/85	19:45:00	1.000	4,809.4	4,822.6
06/12/85	19:50:00	1.083	4,877.4	4,890.6
06/12/85	19:55:00	1.167	4,945.5	4,958.7
06/12/85	20:00:00	1.250	5,013.9	5,027.1
06/12/85	20:05:00	1.333	5,083.7	5,096.7

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

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psia	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
06/12/85	20:10:00	1.417	5.153.1	5.166.2	5.195.2
06/12/85	20:15:00	1.500	5.221.3	5.234.5	5.263.5
06/12/85	20:20:00	1.583	5.288.4	5.301.6	5.330.6
06/12/85	20:25:00	1.667	5.355.6	5.368.8	5.397.8
06/12/85	20:30:00	1.750	5.420.8	5.434.0	5.463.0
06/12/85	20:35:00	1.833	5.483.6	5.498.9	5.527.8
06/12/85	20:40:00	1.917	5.550.3	5.563.7	5.592.7
06/12/85	20:45:00	2.000	5.615.7	5.628.9	5.657.9
06/12/85	21:00:00	2.250	5.811.1	5.824.3	5.859.3
06/12/85	21:15:00	2.500	5.982.4	6.005.6	6.034.6
06/12/85	21:20:00	2.750	6.165.1	6.178.3	6.207.3
06/12/85	21:45:00	3.000	6.328.1	6.341.3	6.370.3
06/12/85	22:00:00	3.250	6.480.2	6.493.5	6.522.5
06/12/85	22:15:00	3.500	6.620.5	6.633.7	6.662.7
06/12/85	22:30:00	3.750	6.746.9	6.760.1	6.789.1
06/12/85	22:45:00	4.000	6.861.0	6.874.2	6.903.2
06/12/85	23:00:00	4.250	6.966.4	6.979.6	7.008.6
06/12/85	23:15:00	4.500	7.057.8	7.071.0	7.100.0
06/12/85	23:30:00	4.750	7.136.6	7.149.8	7.178.8
06/12/85	23:45:00	5.000	7.204.3	7.217.5	7.246.5
06/12/85	00:00:00	5.250	7.265.1	7.278.3	7.307.3
06/12/85	00:15:00	5.500	7.320.9	7.334.1	7.363.1
06/12/85	00:20:00	5.750	7.368.1	7.381.3	7.410.3
06/12/85	00:45:00	6.000	7.406.0	7.419.2	7.448.2
06/12/85	01:00:00	6.250	7.441.6	7.454.8	7.483.8
06/12/85	01:15:00	6.500	7.472.3	7.485.5	7.514.5
06/12/85	01:20:00	6.750	7.496.6	7.512.8	7.541.8
06/12/85	01:45:00	7.000	7.525.6	7.538.8	7.567.8
06/12/85	02:00:00	7.250	7.549.0	7.561.2	7.590.2
06/12/85	02:15:00	7.500	7.566.4	7.579.6	7.608.6
06/12/85	02:30:00	7.750	7.582.5	7.595.7	7.624.7
06/12/85	02:45:00	8.000	7.595.7	7.608.9	7.637.9
06/12/85	03:00:00	8.250	7.604.2	7.617.4	7.645.4
06/12/85	03:15:00	8.500	7.609.1	7.622.3	7.651.3
06/12/85	03:30:00	8.750	7.617.2	7.630.4	7.659.4
06/12/85	03:45:00	9.000	7.626.2	7.639.4	7.668.4
06/12/85	04:00:00	9.250	7.631.0	7.644.2	7.673.2
06/12/85	04:15:00	9.500	7.633.8	7.647.0	7.676.0
06/12/85	04:30:00	9.750	7.636.5	7.649.7	7.679.7
06/12/85	04:45:00	10.000	7.639.1	7.652.3	7.681.3
06/12/85	05:00:00	10.250	7.641.5	7.654.7	7.683.7
06/12/85	05:15:00	10.500	7.644.0	7.657.2	7.686.2
06/12/85	05:30:00	10.750	7.646.4	7.659.6	7.688.6
06/12/85	05:45:00	11.000	7.648.9	7.662.1	7.691.1
06/12/85	06:00:00	11.250	7.649.8	7.663.0	7.692.0
06/12/85	06:15:00	11.500	7.650.6	7.663.8	7.692.8

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 742-3354
 APRESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA
 SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	DEPTH ft	GAUGE PRESSURE psia	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
06/13/85	06:30:00	11.750	7.651.4	7.654.6	7.693.6
06/13/85	06:45:00	12.000	7.652.3	7.655.5	7.694.5
06/13/85	07:00:00	12.250	7.653.1	7.656.3	7.695.3
06/13/85	07:15:00	12.500	7.654.0	7.657.2	7.696.2
06/13/85	07:30:00	12.750	7.654.8	7.658.0	7.697.0
06/13/85	07:45:00	13.000	7.655.6	7.658.9	7.697.8
06/13/85	08:00:00	13.250	7.656.6	7.659.8	7.698.8
06/13/85	08:15:00	13.500	7.657.5	7.670.7	7.699.7
06/13/85	08:30:00	13.750	7.658.4	7.671.6	7.700.6
06/13/85	08:45:00	14.000	7.659.4	7.672.6	7.701.6
06/13/85	09:00:00	14.250	7.660.3	7.673.5	7.702.5
06/13/85	09:15:00	14.500	7.661.2	7.674.4	7.703.4
06/13/85	09:30:00	14.750	7.662.1	7.675.3	7.704.3
06/13/85	09:45:00	15.000	7.663.7	7.675.9	7.704.9
06/13/85	10:00:00	15.250	7.663.0	7.676.2	7.705.1
06/13/85	10:15:00	15.500	7.663.3	7.676.5	7.705.5
06/13/85	10:30:00	15.750	7.663.7	7.676.9	7.705.9
06/13/85	10:45:00	16.000	7.664.0	7.677.2	7.706.2
06/13/85	11:00:00	16.250	7.664.3	7.677.5	7.706.5
06/13/85	11:15:00	16.500	7.664.6	7.677.8	7.706.8
06/13/85	11:30:00	16.750	7.664.9	7.678.1	7.707.1
06/13/85	11:45:00	17.000	7.665.2	7.678.4	7.707.4
06/13/85	12:00:00	17.250	7.665.5	7.678.7	7.707.7
06/13/85	12:15:00	17.500	7.665.9	7.679.1	7.708.1
06/13/85	12:30:00	17.750	7.666.2	7.679.4	7.708.4
06/13/85	12:45:00	18.000	7.666.5	7.679.7	7.708.7
06/13/85	13:00:00	18.250	7.666.9	7.680.0	7.709.0
06/13/85	13:15:00	18.500	7.667.1	7.680.3	7.709.3
06/13/85	13:30:00	18.750	7.667.4	7.680.6	7.709.6
06/13/85	13:45:00	19.000	7.667.7	7.680.9	7.709.9
06/13/85	14:00:00	19.250	7.668.1	7.681.3	7.710.3
06/13/85	14:15:00	19.500	7.668.4	7.681.6	7.710.6
06/13/85	14:30:00	19.750	7.668.7	7.681.9	7.710.9
06/13/85	14:45:00	20.000	7.669.0	7.682.2	7.711.2
06/13/85	15:00:00	20.250	7.669.3	7.682.5	7.711.5
06/13/85	15:15:00	20.500	7.669.5	7.682.8	7.711.8
06/13/85	15:30:00	20.750	7.669.9	7.683.1	7.712.1
06/13/85	15:45:00	21.000	7.670.3	7.683.5	7.712.5
06/13/85	16:00:00	21.250	7.670.6	7.683.8	7.712.8
06/13/85	16:15:00	21.500	7.670.9	7.684.1	7.713.1
06/13/85	16:30:00	21.750	7.671.3	7.684.4	7.713.4
06/13/85	16:45:00	22.000	7.671.5	7.684.7	7.713.7
06/13/85	17:00:00	22.250	7.671.8	7.685.0	7.714.0
06/13/85	17:15:00	22.500	7.671.8	7.685.0	7.714.0
06/13/85	17:30:00	22.750	7.671.9	7.685.1	7.714.1
06/13/85	17:45:00	23.000	7.671.9	7.685.1	7.714.1

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 743-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	• hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
06/13/85	18:00:00	23.250	7.671.9	7.685.1	7.714.1
06/13/85	18:15:00	23.500	7.672.0	7.685.2	7.714.2
06/13/85	18:30:00	23.750	7.672.0	7.685.2	7.714.2
06/13/85	18:45:00	24.000	7.672.1	7.685.3	7.714.3
06/13/85	19:00:00	24.250	7.672.1	7.685.3	7.714.3
06/13/85	19:15:00	24.500	7.672.1	7.685.3	7.714.3
06/13/85	19:30:00	24.750	7.672.2	7.685.4	7.714.4
06/13/85	19:45:00	25.000	7.672.2	7.685.4	7.714.4
06/13/85	20:00:00	25.250	7.672.3	7.685.5	7.714.5
06/13/85	20:15:00	25.500	7.672.3	7.685.5	7.714.5
06/13/85	20:30:00	25.750	7.672.3	7.685.5	7.714.5
06/13/85	20:45:00	26.000	7.672.4	7.685.6	7.714.6
06/13/85	21:00:00	26.250	7.672.4	7.685.6	7.714.6
06/13/85	21:15:00	26.500	7.672.5	7.685.7	7.714.7
06/13/85	21:30:00	26.750	7.672.5	7.685.7	7.714.7
06/13/85	21:45:00	27.000	7.672.5	7.685.7	7.714.7
06/13/85	22:00:00	27.250	7.672.6	7.685.8	7.714.8
06/13/85	22:15:00	27.500	7.672.6	7.685.8	7.714.8
06/13/85	22:30:00	27.750	7.672.7	7.685.9	7.714.9
06/13/85	23:45:00	28.000	7.672.7	7.685.9	7.714.9
06/13/85	23:00:00	28.250	7.672.7	7.685.9	7.714.9
06/13/85	23:15:00	28.500	7.672.8	7.686.0	7.715.0
06/13/85	23:30:00	28.750	7.672.8	7.686.0	7.715.0
06/13/85	23:45:00	29.000	7.672.9	7.686.1	7.715.1
06/14/85	00:00:00	29.250	7.672.9	7.686.1	7.715.1
06/14/85	00:15:00	29.500	7.672.9	7.686.1	7.715.1
06/14/85	00:30:00	29.750	7.673.0	7.686.2	7.715.2
06/14/85	00:45:00	30.000	7.673.0	7.686.2	7.715.2
06/14/85	01:00:00	30.250	7.673.1	7.686.3	7.715.3
06/14/85	01:15:00	30.500	7.673.1	7.686.3	7.715.3
06/14/85	01:30:00	30.750	7.673.1	7.686.3	7.715.3
06/14/85	01:45:00	31.000	7.673.2	7.686.4	7.715.4
06/14/85	02:00:00	31.250	7.673.2	7.686.4	7.715.4
06/14/85	02:15:00	31.500	7.673.3	7.686.5	7.715.5
06/14/85	02:30:00	31.750	7.673.3	7.686.5	7.715.5
06/14/85	02:45:00	32.000	7.673.3	7.686.5	7.715.5
06/14/85	03:00:00	32.250	7.673.4	7.686.6	7.715.6
06/14/85	03:15:00	32.500	7.673.4	7.686.6	7.715.6
06/14/85	03:30:00	32.750	7.673.5	7.686.7	7.715.7
06/14/85	03:45:00	33.000	7.673.5	7.686.7	7.715.7
06/14/85	04:00:00	33.250	7.673.5	7.686.7	7.715.7
06/14/85	04:15:00	33.500	7.673.6	7.686.8	7.715.8
06/14/85	04:30:00	33.750	7.673.6	7.686.8	7.715.8
06/14/85	04:45:00	34.000	7.673.7	7.686.9	7.715.9
06/14/85	05:00:00	34.250	7.673.7	7.686.9	7.715.9
06/14/85	05:15:00	34.500	7.673.7	7.686.9	7.715.9

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

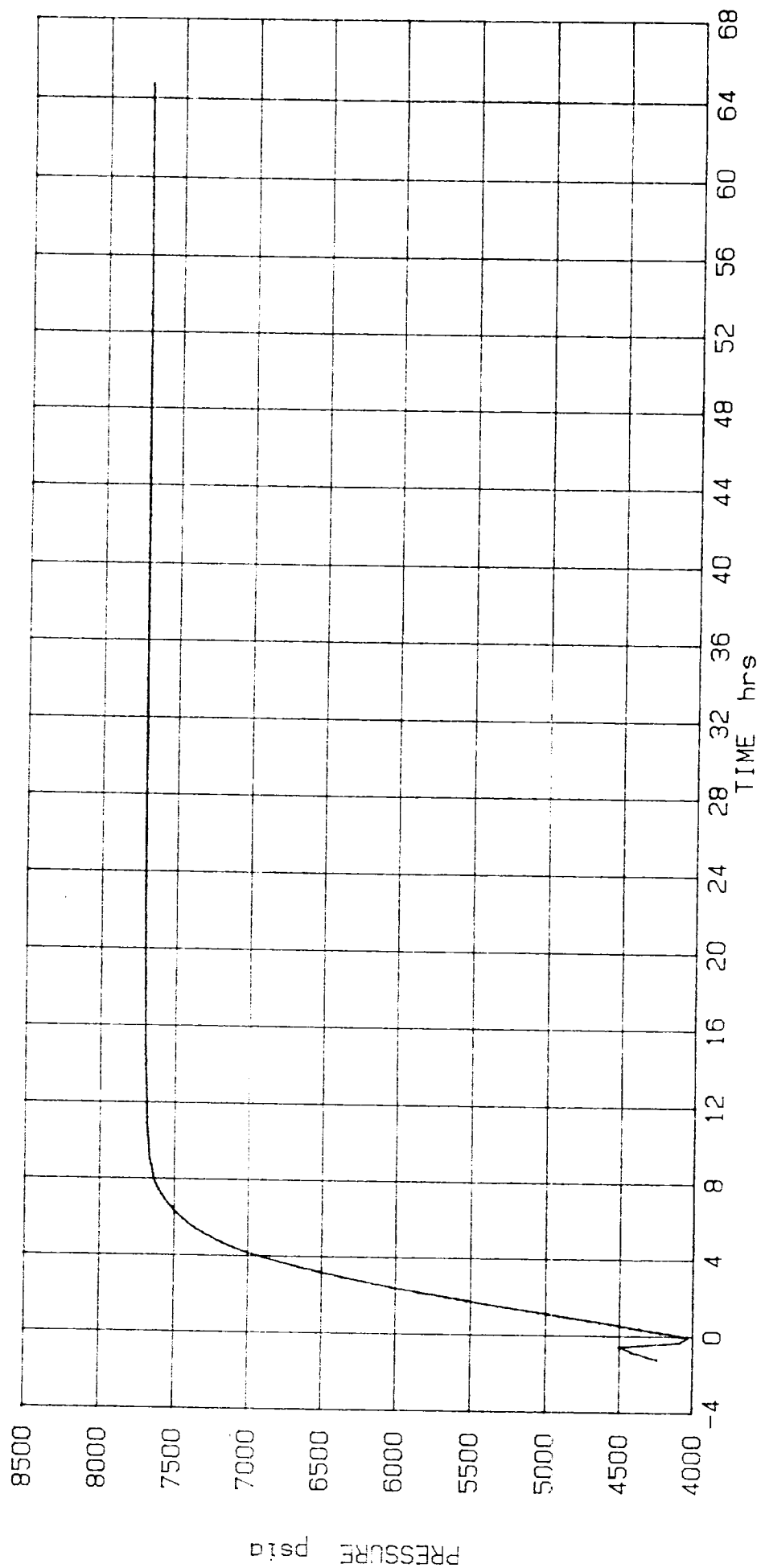
PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	Gauge Pressure psig	Absolute Pressure psia	Reservoir Pressure psia
06/14/85	05:30:00	34.750	7.673.8	7.687.0	7.716.0
06/14/85	05:45:00	35.000	7.673.8	7.687.0	7.716.0
06/14/85	06:00:00	35.250	7.673.9	7.687.1	7.716.1
06/14/85	06:15:00	35.500	7.673.9	7.687.1	7.716.1
06/14/85	06:30:00	35.750	7.673.9	7.687.1	7.716.1
06/14/85	06:45:00	36.000	7.674.0	7.687.2	7.716.2
06/14/85	07:00:00	36.250	7.674.0	7.687.2	7.716.2
06/14/85	07:15:00	36.500	7.674.1	7.687.3	7.716.3
06/14/85	07:30:00	36.750	7.674.1	7.687.3	7.716.3
06/14/85	07:45:00	37.000	7.674.1	7.687.3	7.716.3
06/14/85	08:00:00	37.250	7.674.2	7.687.4	7.716.4
06/14/85	08:15:00	37.500	7.674.2	7.687.4	7.716.4
06/14/85	08:30:00	37.750	7.674.2	7.687.4	7.716.4
06/14/85	08:45:00	38.000	7.674.3	7.687.5	7.716.5
06/14/85	09:00:00	38.250	7.674.3	7.687.5	7.716.5
06/14/85	09:15:00	38.500	7.674.4	7.687.6	7.716.6
06/14/85	09:30:00	38.750	7.674.4	7.687.6	7.716.6
06/14/85	09:45:00	39.000	7.674.4	7.687.6	7.716.6
06/14/85	10:00:00	39.250	7.674.5	7.687.7	7.716.7
06/14/85	10:15:00	39.500	7.674.5	7.687.7	7.716.7
06/14/85	10:30:00	39.750	7.674.6	7.687.8	7.716.8
06/14/85	10:45:00	40.000	7.674.6	7.687.8	7.716.8
06/14/85	11:00:00	40.250	7.674.6	7.687.8	7.716.8
06/14/85	11:15:00	40.500	7.674.7	7.687.9	7.716.9
06/14/85	11:30:00	40.750	7.674.7	7.687.9	7.716.9
06/14/85	11:45:00	41.000	7.674.8	7.688.0	7.717.0
06/14/85	12:00:00	41.250	7.674.8	7.688.0	7.717.0
06/14/85	12:15:00	41.500	7.674.8	7.688.0	7.717.0
06/14/85	12:30:00	41.750	7.674.8	7.688.1	7.717.1
06/14/85	12:45:00	42.000	7.674.8	7.688.1	7.717.1
06/14/85	13:00:00	42.250	7.675.0	7.688.2	7.717.2
06/14/85	13:15:00	42.500	7.675.0	7.688.2	7.717.2
06/14/85	13:30:00	42.750	7.675.0	7.688.2	7.717.2
06/14/85	13:45:00	43.000	7.675.1	7.688.3	7.717.3
06/14/85	14:00:00	43.250	7.675.1	7.688.3	7.717.3
06/14/85	14:15:00	43.500	7.675.2	7.688.4	7.717.4
06/14/85	14:30:00	43.750	7.675.2	7.688.4	7.717.4
06/14/85	14:45:00	44.000	7.675.2	7.688.4	7.717.4
06/14/85	15:00:00	44.250	7.675.3	7.688.5	7.717.5
06/14/85	15:15:00	44.500	7.675.3	7.688.5	7.717.5
06/14/85	15:30:00	44.750	7.675.4	7.688.6	7.717.6
06/14/85	15:45:00	45.000	7.675.4	7.688.6	7.717.6
06/14/85	16:00:00	45.250	7.675.4	7.688.6	7.717.6
06/14/85	16:15:00	45.500	7.675.5	7.688.7	7.717.7
06/14/85	16:30:00	45.750	7.675.5	7.688.7	7.717.7
06/14/85	16:45:00	46.000	7.675.6	7.688.8	7.717.8

TEST DATE: 06/12/85 TO 06/15/85
TEST DEPTH: 12440 ft
ELEMENT NO: RPC3#24374
RANGE: 12300 psig
CLOCK: 22463
RANGE: 72 hrs
OPERATOR: B J CATHEY

BILL GILL
POGO
STATE "L" COM #2
BENNETT-CATHEY WIRE LINE SERVICE Box 787 Artesia, N.M. 88210 (505) 748-3354



BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-8354
 ARTESIA, NEW MEXICO. 88210

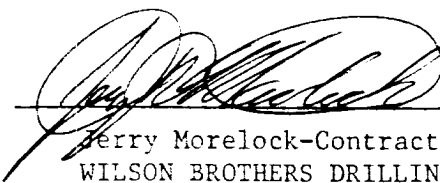
PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psia	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
06/14/85	17:00:00	46.250	7.675.6	7.688.8	7.717.8
06/14/85	17:15:00	46.500	7.675.6	7.688.8	7.717.8
06/14/85	17:30:00	46.750	7.675.7	7.688.9	7.717.9
06/14/85	17:45:00	47.000	7.675.7	7.688.9	7.717.9
06/14/85	18:00:00	47.250	7.675.8	7.689.0	7.718.0
06/14/85	18:15:00	47.500	7.675.8	7.689.0	7.718.0
06/14/85	18:30:00	47.750	7.675.8	7.689.0	7.718.0
06/14/85	18:45:00	48.000	7.675.9	7.689.1	7.718.1
06/14/85	19:00:00	48.250	7.675.9	7.689.1	7.718.1
06/14/85	19:15:00	48.500	7.676.0	7.689.2	7.718.2
06/14/85	19:30:00	48.750	7.676.0	7.689.2	7.718.2
06/14/85	19:45:00	49.000	7.676.0	7.689.2	7.718.2
06/14/85	20:00:00	49.250	7.676.1	7.689.2	7.718.3
06/14/85	20:15:00	49.500	7.676.1	7.689.3	7.718.3
06/14/85	20:30:00	49.750	7.676.2	7.689.4	7.718.4
06/14/85	20:45:00	50.000	7.676.2	7.689.4	7.718.4
06/14/85	21:45:00	51.000	7.676.4	7.689.6	7.718.6
06/14/85	22:45:00	52.000	7.676.5	7.689.7	7.719.7
06/14/85	23:45:00	53.000	7.676.7	7.689.9	7.719.9
06/15/85	00:45:00	54.000	7.676.8	7.690.0	7.719.0
06/15/85	01:45:00	55.000	7.677.0	7.690.2	7.719.2
06/15/85	02:45:00	56.000	7.677.2	7.690.4	7.719.4
06/15/85	03:45:00	57.000	7.677.3	7.690.5	7.719.5
06/15/85	04:45:00	58.000	7.677.9	7.691.1	7.720.1
06/15/85	05:45:00	59.000	7.678.7	7.691.9	7.720.9
06/15/85	06:45:00	60.000	7.679.4	7.692.6	7.721.6
06/15/85	07:45:00	61.000	7.679.8	7.693.1	7.722.1
06/15/85	08:45:00	62.000	7.680.0	7.693.2	7.722.2
06/15/85	09:45:00	63.000	7.680.2	7.693.4	7.722.4
06/15/85	10:45:00	64.000	7.680.3	7.693.5	7.722.5
06/15/85	11:29:27	64.741	7.680.4	7.693.6	7.722.6

STATE "L" COM. #2
SEC. 25, T-21-S, R-34-E
LEA COUNTY, NEW MEXICO

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
476'	3/4°	6,506'	1-1/4°
1,014'	3/4°	7,010'	3/4°
1,200'	1/4°	7,502'	1-1/4°
1,529'	3/4°	7,995'	1-1/4°
2,004'	1-1/4°	8,488'	3°
2,271'	1°	8,580'	2-1/4°
2,588'	1/2°	8,669'	1-1/2°
2,899'	1°	8,753'	1°
3,067'	1-1/4°	9,248'	1-3/4°
3,394'	2°	9,432'	1-1/2°
3,517'	1-1/4°	9,536'	1°
3,670'	1-1/2°	9,845'	1-1/4°
3,890'	1°	10,323'	1-1/2°
4,197'	1°	10,818'	3/4°
4,649'	1-3/4°	11,150'	1-1/2°
4,979'	1°	11,591'	1-3/4°
5,432'	1-1/4°	11,852'	1-1/2°
5,915'	No Good	12,256'	1-1/2°
5,922'	1-3/4°	12,462'	1-1/4°
6,230'	1-1/4°	12,896'	1-1/2°
		13,160'	1°
		13,184'	Total Depth


Jerry Morelock-Contracts Manager
WILSON BROTHERS DRILLING COMPANY

March 14, 1985

State of: N.M. County of: McMurry
Subscribed and sworn before me this 14th day of March, 19 85.
Notary Public: W. W. L. L. L.
My Commission Expires: June, 1988