

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test 4-POINT ☒ Initial ☐ Annual ☐ Special		Test Date 3-30-88		1660' FNL	
Company ROBERT ENFIELD		Connection TO AIR NEW WELL		990' FWL	
Pool WILDCAT		Formation DEVONIAN		Unit	
Completion Date		Total Depth		Plug Back TD 8610 FT	
				Elevation 4305 GL	
Form or Lease Name E. McCOMBS		Well No. #1			
Coq. Size 4.5	Wt. 11.6	d 9182	Set At 9182	Perforations: From 8477 To 8551	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 8404	Perforations: From OPEN To ENDED	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE		Packer Set At 8144		County CHAVES	
Producing Thru TUBING		Reservoir Temp. °F 165 @ 8514		Mean Annual Temp. °F 60°	
		Baro. Press. - P _a 13.2		State NEW MEXICO	
L 8514	H 8514	G _g 0.808	% CO ₂ 3.66	% N ₂ 4.53	% H ₂ S 0
Prover		Meter Run 4.0		Taps FLANGE	

FLOW DATA						TUBING DATA		BHP DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	4.03X	1.250	210	8.0	85	2210			3145	165	145
1.	4.03X	1.250	210	14.0	85	1960			3014	165	1
2.	4.03X	1.250	210	25.0	85	1840			2941	165	1
3.	4.03X	1.250	210	56.0	76	1720			2800	165	1
4.	4.03X	1.250	210			1570			2529	165	1
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	7.47	42.26	223.2	.9768	1.1125	1.0258	352.
2	7.47	55.90	223.2	.9768	1.1125	1.0258	465.
3	7.47	74.77	223.2	.9768	1.1125	1.0258	622.
4	7.47	114.28	233.2	.9850	1.1125	1.0258	962.
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1	0.33	545.	1.35	0.950	8.9	64.700	0.808	XXXXXX	670.	405.
2	0.33	545.	1.35	0.950				XXXXXX		
3	0.33	545.	1.35	0.950						
4	0.33	536.	1.35	0.946						
5										

$P_c 1881.7$ $P_c^2 3541.$					(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 2.3050$		(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.8737$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²				
1		1777.	3157	384				
2		1718.	2953	588				
3		1610.	2594	947				
4		1416.	2005	1536				
5								

Absolute Open Flow <u>1802.</u> Mcfd @ 15.025			Angle of Slope <u>53.1</u>		Slope, n <u>0.752</u>	
Remarks: <u>BHP MEASURED BY AMERADA PRESSURE GUAGES</u>						
Approved By: <u>[Signature]</u> Conducted By: <u>BENNETT & CATHEY</u> Calculated By: <u>RICHARD TOWNLEY</u> Checked By:						

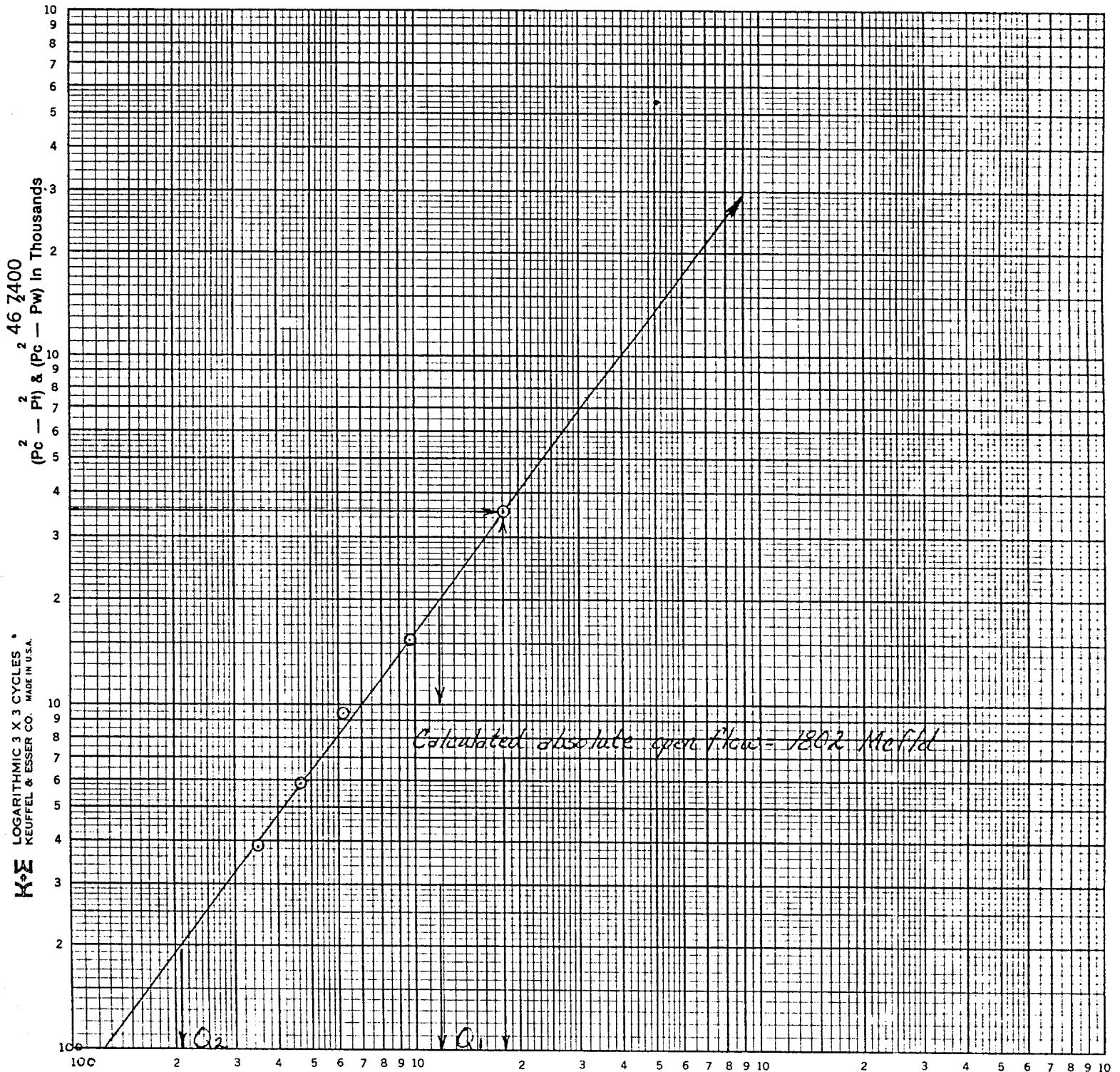
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BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator ROBERT ENFIELD Lease E. McCOMBS Well No. 11
 County CHAVES Field _____ Location _____
 Date of Test 3-30-88 Slope "n" 0.752 Angle of Slope 53.1
 Calc. Abs. Potential 1802 MCF/D



$$\overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 = 2000$$

$$\overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 = 200$$

$$Q_1 = 1181$$

$$Q_2 = 209$$

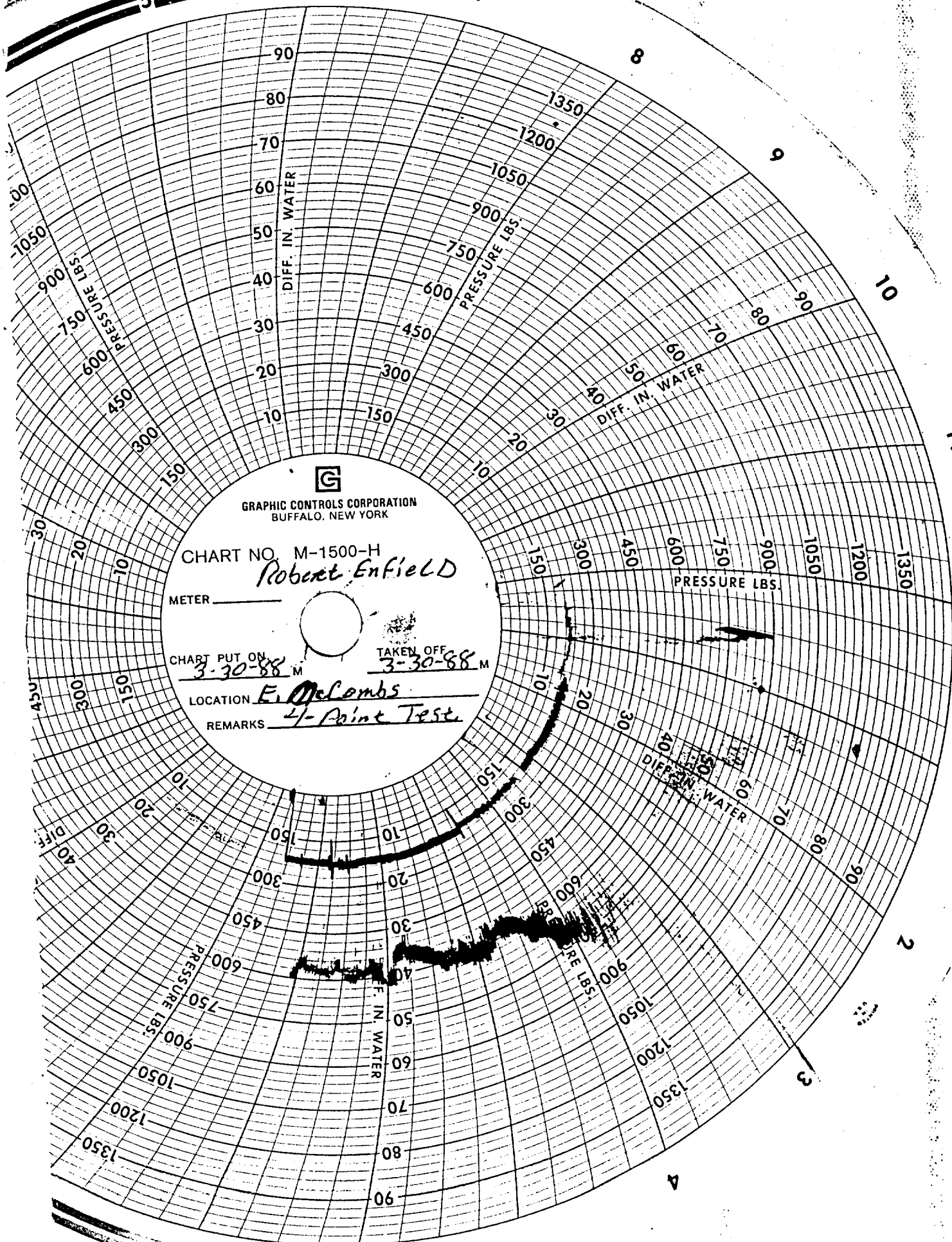
Q, Mcfd

$$\text{LOG } Q_1 = 3.0722$$

$$\text{LOG } Q_2 = 2.3201$$

$$n = 0.7521 = .752$$

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FIELD DATA SHEET

Type Test: Four Point ☒ Initial ☐ Annual ☐ Special	Test Date 3-30-88	Lease No. or Serial No.
Company Robert Enfield	Connection To air	Allottee
Field Wildcat	Reservoir Devonian	Location 1650' FNL 990' FWL
Completion Date	Total Depth 8610	Elevation 4305' GL 12' KB
Csg. Size 4.5	Wt. 11.6	d 9182
Tbg. Size 2.375	Wt. 4.7	d 1995
Type Completion (Describe) Single	Perforations: From 8477	To 8551
Producing Thru Tubing	Reservoir Temp. F 8404	Mean Ground Temp. F 60°
8514	8514	13.2
DATE	ELAP. TIME	WELLHEAD WORKING PRESSURE
Time of Reading	Hrs.	Tbg. Psig
		Csg. Psig
		Temp. F
		Pressure Psig
		Diff.
		Temp. F
		Ori. fice
		REMARKS
		(Include liquid production data: Type - API Gravity - Amount)

Time of Reading	TIME		Csg. Psig	Temp. F	Pressure Psig	Diff.	Temp. F	Ori. fice	(Include liquid production data: Type - API Gravity - Amount)
	Hrs.	Tbg. Psig							
1400		2210							
1415	14	2100			210	8.0	74°	1.250	374 Mcf/d
1430	12	2040		592	210	8.0	78°	"	355
1445	34	2000			210	8.0	85°	"	353
1500	1	1960			210	8.0	85°	"	353
									2699
	14	1920			210	15	85°	1.250	484.2
	12	1890			210	14	85°	"	467.8
	34	1865		642	210	14	85°	"	467.8
1600	2	1840			210	14	85°	"	
									1952. Fluid Temp. 3'6" 146
	14	1780			210	28	85°	1.250	634.6
	12	1740			210	26	85°	"	611.5
	34	1730			210	25	85°	"	599.6
1700	3	1720		8	210	25	85°	"	599.6 Fluid Temp 3'4" 151
									1804
	14	1680			210	70	80°	1.250	1008
	12	1630			220	65	78°	"	1005.7
	34	1610			220	64	78°	"	997.9
1800	4	1570		10	220	56	76°	"	935.2
									1657.5 3'8"4 157
									</

868

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COMPANY		LEASE NAME		WELL #		EQUIPMENT		DATE MO/DAY/YR		REPORT TIME & #							
Kobeet Infield		E. McComb		1.5 B+U		3/30/88		96									
FIELD		FORMATION		SEC/TWP/RGE		COUNTY		STATE		TANK SIZE							
TEST BY		TYPE TEST		COMPANY REP		METER RUN		TAPS		PROVER							
Steve / Gary		Flow				4.026		Flow		500 LPA							
TIME	ELAP	TBG.	CSG.	W/H	METER	OR	PROVER	CHOKE	MCFD	TOTAL	FLUID	CUT	WATER	H2O	OIL	ACCUM	ACCUM
DATE	HR	PRES	PRES	TEMP	PRES	DIFF	TEMP	ORIF	SCF	TOP	BBLs		BBLs	P/H	P/H	H2O	OIL
1800	4	1570	-		220	56	76°	1.250	935.2	3'8 1/4"	157						11
1900	5	1495			220	52		"	961	3'8 3/4"	159					2	13
2000	6	1440			220	40		11 1/4"	790	3'9 1/2"	163					4	17
2100	7	1460			220	17"	OPEN choke	11 1/4"	523	3'10 1/4"	167					4	21
2200	8	1485			220	40	1000 choke	11 1/4"	794	3'11"	170					3	24
2300	9	1360			210	72		14 1/4"	1043	3'11 3/4"	174					4	28
2400	10	1280			210	64			983.6	4'0 1/4"	177					3	31
3-3-88	11	1210			210	56	76°	14 1/4"	920	4'1"	180					3	34
0100	12	1200			210	52		14 1/4"	895	4'1 3/4"	183					3	37
0200	13	1170			210	54		14 1/4"	912	4'2"	185					2	39
0300	14	1160			210	52		14 1/4"	895	4'2 3/4"	187					2	41
0400	15	1140			220	48	76°	14 1/4"	870	4'3	190					3	44
0500	16	1130			220	48		14 1/4"	870	4'3 1/2"	192					2	46
0600	17	1120			220	48		"	870	4'3 3/4"	194					2	48
0700	18	1100			220	46		"	870	4'4 1/2"	197					3	51
0800	19	1090			220	48	76°		870	4'4 3/4"	199					2	53
0900	20	1070			220	48			870	4'5 1/2"	202					3	55
1000	21																

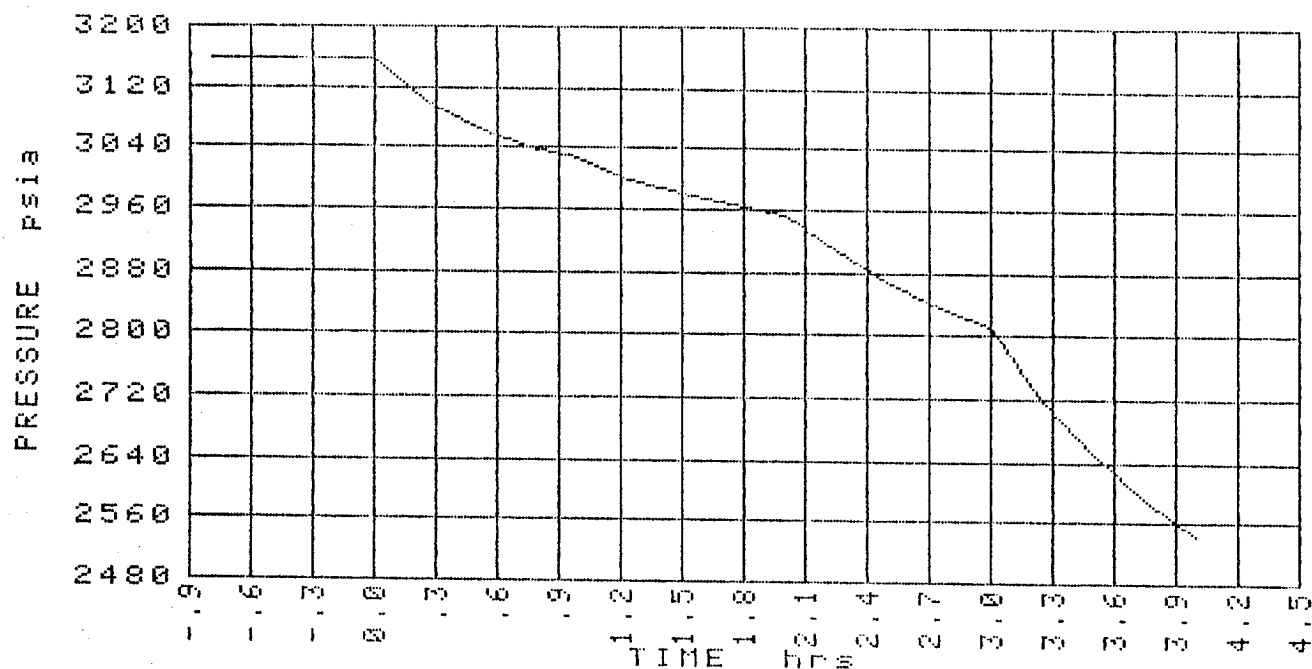
Shut IN
Pul 24112 Rows

100-443888-100

COMPANY		LEASE NAME		WELL #		EQUIPMENT		DATE MO/DAY/YR	
Kobe Steel Field		E. M. COMBS		15		3/31/88		PL	
FIELD		FORMATION		SEC/TWP/RGE		COUNTY		STATE	
TEST BY		TYPE TEST		COMPANY REP		METER RUN		TAPS	
Steve / Green		Flow		4.026		Flow		500 Fpac	
TIME	ELAP	TBG.	CSG.	W/H	METER OR	PROVER	CHOKE	MCDF	TOTAL FLUID
DATE	HR	PRES	PRES	TEMP	PRES	DIFF	TEMP	ORIF	SCF
3-31-88	21:12	1400	-		OPEN	BACK	UP	1.250	
11:30								14164	
12:00	22	1250			215	84	78°	1131	4'5 3/4"
13:00	23	1110			220	65	78°	1205	4'6"
14:00	24	1040			220	52	78°	887.7	4'6 1/2"
15:00	25	1040			220	52	68°	898	4'7 1/4"
16:00	26	1030			220	52	78°	889.7	4'7 1/2"
17:00	27	1020			220	52	78°	889.7	4'8"
18:00	28	995			220	50	78°	882	4'8"
19:00	29	970			220	49	78°	873	4'8 1/2"
20:00	30	980			220	49	78°	873	4'8 3/4"
21:00	31	900			220	44	78°	877.4	4'8 3/4"
22:00	32	890			220	42	78°	808.4	4'9 1/4"
23:00	33	890			220	39	76°	780.5	4'9 3/4"
24:00	34	890			220	39	76°	780.5	4'10
01:00	35	900			220	40	76°	790.5	4'10 1/4"
02:00	36	900			220	40	76°	790.5	4'10 1/2"
03:00	37	900			220	40	77°	790.5	4'11
04:00	38	900			220	39	77°	790.5	4'11 1/4"

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COMPANY: ROBERT ENFIELD
 LEASE: E. McCOMBS
 FIELD: WILDCAT
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST
 PERFORATIONS FROM: 8477 ft
 DEPTH: 8404 ft

CONTACT: JIM O'BRIANT
 WELL: #11
 ZONE: DEVONIAN
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNLEY
 TO: 8551 ft
 TEMPERATURE: 165°F

ELEMENT# RP63#23914
 CLOCK# 21357
 ELEMENT# RP63#27626
 CLOCK# 32463

ELEMENT RANGE: 5025 psig
 CLOCK RANGE: 24 hrs
 ELEMENT RANGE: 6175 psig
 CLOCK RANGE: 24 hrs

START CLOCK 03/30/88
 SET ELEMENT 03/30/88
 WELL SHUT IN 11/11/11
 TEST ENDED 03/30/88

11:40:00 2210 psig
 13:03:00 2210 psig
 00:00:00 0 psig
 18:00:00 1570 psig

GAIN= 1
 FILE: 144-MCC:D701

BIAS= 16 psi
 BAROMETRIC PRESSURE= 13.2 psia

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

PRESSURE TRANSIENT TEST DATA

COMPANY: ROBERT ENFIELD

CONTACT: JIM O'BRIANT

LEASE: E. McCOMBS

WELL: #11

FIELD: WILDCAT

ZONE: DEVONIAN

COUNTY: CHAVES

STATE: NEW MEXICO

STATUS: FOUR POINT BACK PRESSURE TEST

OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 8,477.0'

TO: 8,551.0'

DEPTH: 8,404.0'

TEMPERATURE: 165.0°F

ELEMENT: RFG3#23914

RANGE: 5025 psig

CLOCK: 21357

RANGE: 24 hrs

ELEMENT: RFG3#27626

RANGE: 6175 psig

CLOCK: 32463

RANGE: 24 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	03/30/88	11:40:00	2,210.0 psig
SET ELEMENT	03/30/88	13:03:00	2,210.0 psig
WELL SHUT IN	11/11/11	00:00:00	0.0 psig
TEST ENDED	03/30/88	18:00:00	1,570.0 psig

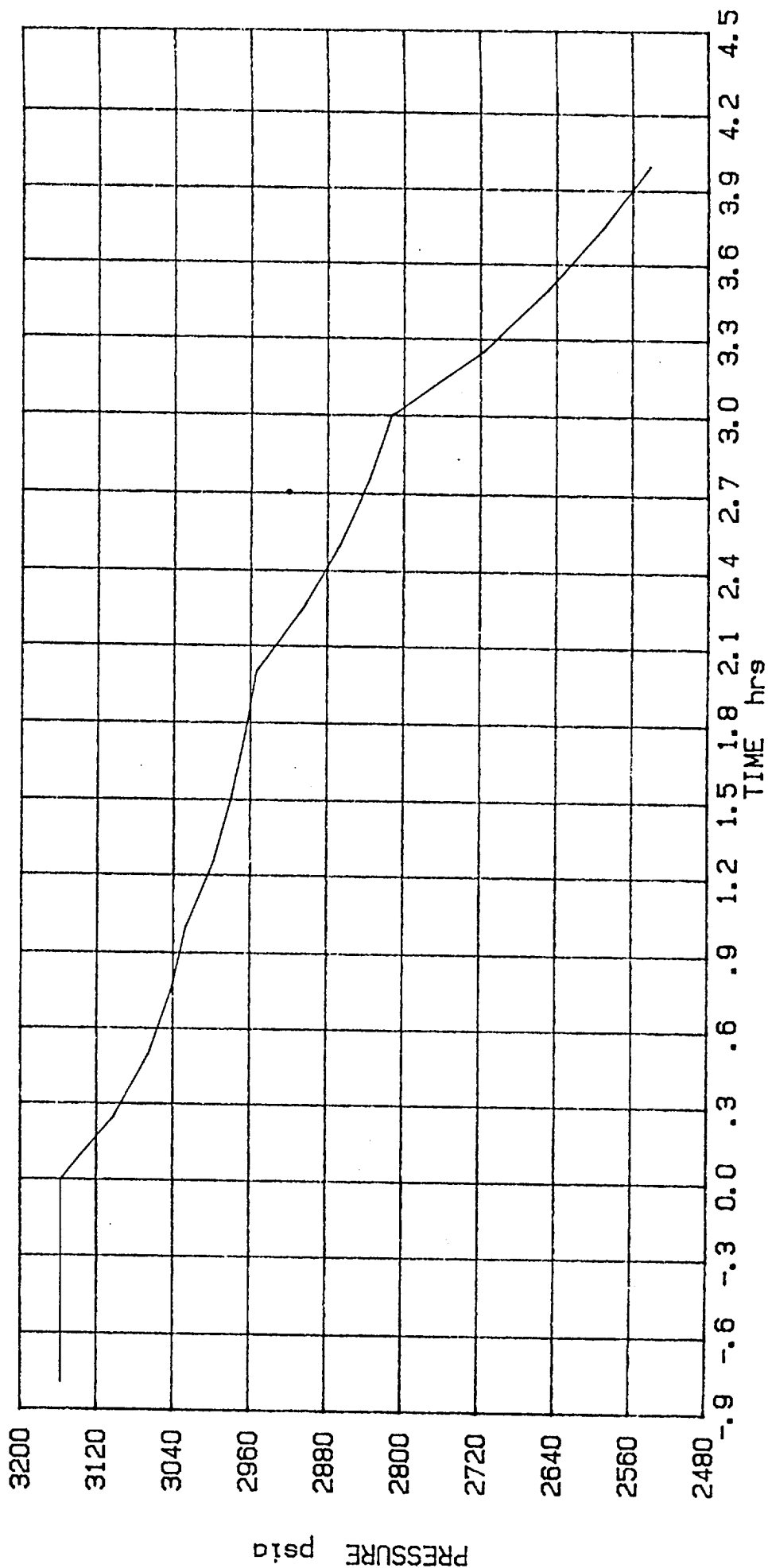
SUBSURFACE PRESSURE MEASUREMENTS

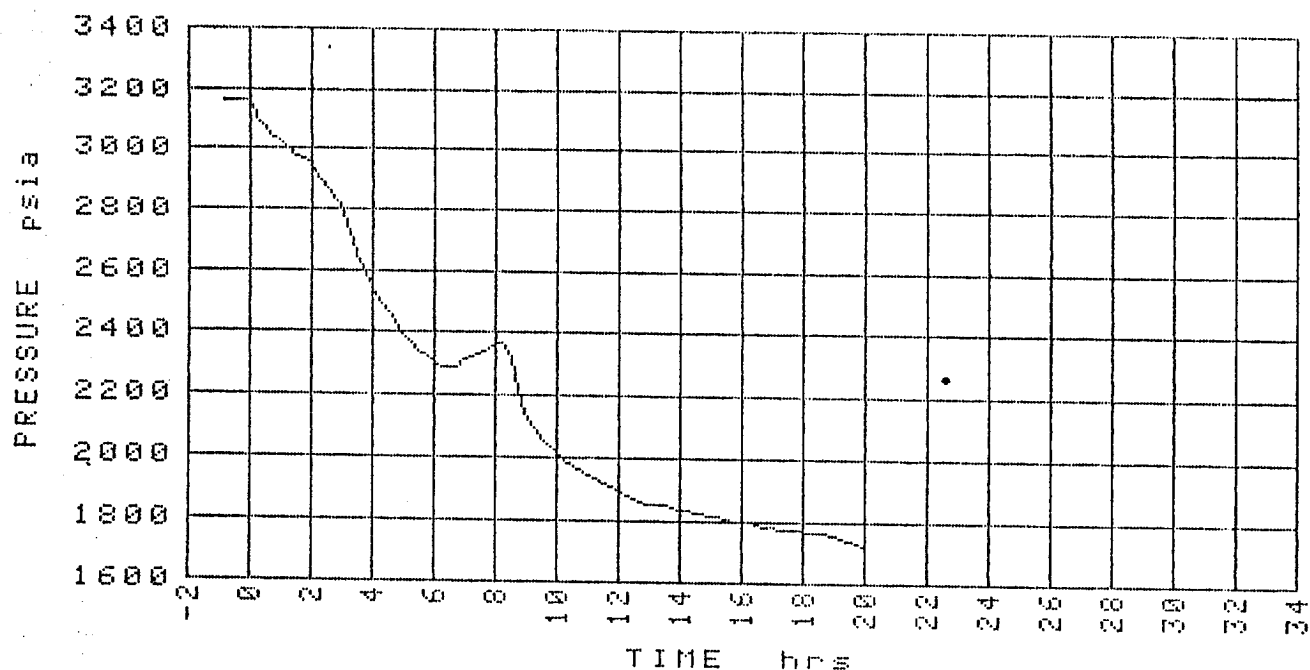
DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
03/30/88	13:12:32	-.791	3,128.7	3,141.9	3,157.9
03/30/88	14:00:00	0.000	3,128.7	3,141.9	3,157.9
03/30/88	14:15:00	.250	3,073.0	3,086.2	3,102.2
03/30/88	14:30:01	.500	3,036.6	3,049.8	3,065.8
03/30/88	14:45:03	.751	3,013.0	3,026.2	3,042.2
03/30/88	14:59:59	1.000	2,998.4	3,011.6	3,027.6
03/30/88	15:15:00	1.250	2,969.7	2,982.9	2,998.9
03/30/88	15:30:00	1.500	2,951.4	2,964.6	2,980.6
03/30/88	15:45:02	1.751	2,936.8	2,950.0	2,966.0
03/30/88	16:00:01	2.000	2,924.6	2,937.8	2,953.8
03/30/88	16:15:01	2.250	2,876.4	2,889.6	2,905.6
03/30/88	16:29:59	2.500	2,838.5	2,851.7	2,867.7
03/30/88	16:45:00	2.750	2,807.7	2,820.9	2,836.9
03/30/88	17:00:00	3.000	2,784.1	2,797.3	2,813.3
03/30/88	17:15:00	3.250	2,688.3	2,701.5	2,717.5
03/30/88	17:30:01	3.500	2,619.6	2,632.8	2,648.8
03/30/88	17:45:01	3.750	2,561.1	2,574.3	2,590.3
03/30/88	17:59:59	4.000	2,512.6	2,525.8	2,541.8

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TEST DATE: 03/30/88 TO 03/30/88
TEST DEPTH: 8404 ft
ELEMENT NO: RPC3#27626
RANGE: 6175 psig
CLOCK: 32463
RANGE: 24 hrs
OPERATOR: RICHARD TOWNLEY

JIM O'BRIANT
ROBERT ENFIELD
E. McCOMBS #11
BENNETT-CATHEY WIRE LINE SERVICE Box 787 Artesia, N.M. 88210 (505) 748-3354





COMPANY: ROBERT ENFIELD
 LEASE: E. McCOMBS
 FIELD: WILDCAT
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST
 PERFORATIONS FROM: 8477 ft
 DEPTH: 8404 ft

CONTACT: JIM O'BRIANT
 WELL: #11
 ZONE: DEVONIAN
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNLEY
 TO: 8551 ft
 TEMPERATURE: 165°F

ELEMENT# RP63#23914
 CLOCK# 21357
 ELEMENT# RP63#27626
 CLOCK# 32463

ELEMENT RANGE: 5025 psig
 CLOCK RANGE: 24 hrs
 ELEMENT RANGE: 6175 psig
 CLOCK RANGE: 24 hrs

START CLOCK	03/30/88	11:40:00	2210 psig
SET ELEMENT	03/30/88	13:03:00	2210 psig
WELL SHUT IN	11/11/11	00:00:00	0 psig
TEST ENDED	03/31/88	10:00:00	1080 psig

GAIN= 1
 FILE: 144-COMB:D701

BIAS= 16 psi
 BAROMETRIC PRESSURE= 13.2 psia

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

PRESSURE TRANSIENT TEST DATA

COMPANY: ROBERT ENFIELD
 LEASE: E. McCOMBS
 FIELD: WILDCAT
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: JIM O'BRIANT
 WELL: #11
 ZONE: DEVONIAN
 STATE: NEW MEXICO
 OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 8,477.0'
 DEPTH: 8,404.0'

TO: 8,551.0'
 TEMPERATURE: 165.0°F

ELEMENT: RPB3#23914
 CLOCK: 21357
 ELEMENT: RPB3#27626
 CLOCK: 32463

RANGE: 5025 psig
 RANGE: 24 hrs
 RANGE: 6175 psig
 RANGE: 24 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	03/30/88	11:40:00	
SET ELEMENT	03/30/88	13:03:00	2,210.0 psig
WELL SHUT IN	11/11/11	00:00:00	2,210.0 psig
TEST ENDED	03/31/88	10:00:00	0.0 psig
			1,080.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
03/30/88	13:12:32	-.791	3,128.7	3,141.9	3,157.9
03/30/88	13:15:00	-.750	3,128.7	3,141.9	3,157.9
03/30/88	13:30:00	-.500	3,128.7	3,141.9	3,157.9
03/30/88	13:45:00	-.250	3,128.7	3,141.9	3,157.9
03/30/88	14:00:00	0.000	3,128.7	3,141.9	3,157.9
03/30/88	14:05:00	.083	3,110.1	3,123.3	3,139.3
03/30/88	14:10:00	.167	3,091.6	3,104.8	3,120.8
03/30/88	14:15:00	.250	3,073.0	3,086.2	3,102.2
03/30/88	14:20:00	.333	3,060.9	3,074.1	3,090.1
03/30/88	14:25:00	.417	3,048.8	3,062.0	3,078.0
03/30/88	14:30:00	.500	3,036.6	3,049.8	3,065.8
03/30/88	14:35:00	.583	3,028.8	3,042.0	3,058.0
03/30/88	14:40:00	.667	3,020.9	3,034.1	3,050.1
03/30/88	14:45:00	.750	3,013.0	3,026.2	3,042.2
03/30/88	14:50:00	.833	3,008.1	3,021.3	3,037.3
03/30/88	14:55:00	.917	3,003.2	3,016.4	3,032.4
03/30/88	15:00:00	1.000	2,998.3	3,011.5	3,027.5
03/30/88	15:15:00	1.250	2,969.7	2,982.9	2,998.9
03/30/88	15:30:00	1.500	2,951.4	2,964.6	2,980.6
03/30/88	15:45:00	1.750	2,936.8	2,950.0	2,966.0
03/30/88	16:00:00	2.000	2,924.7	2,937.9	2,953.9
03/30/88	16:15:00	2.250	2,876.5	2,889.7	2,905.7

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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 psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
03/30/88	16:30:00	2.500	2,838.5	2,851.7	2,867.7
03/30/88	16:45:00	2.750	2,807.7	2,820.9	2,836.9
03/30/88	17:00:00	3.000	2,784.1	2,797.3	2,813.3
03/30/88	17:15:00	3.250	2,688.3	2,701.5	2,717.5
03/30/88	17:30:00	3.500	2,619.6	2,632.8	2,648.8
03/30/88	17:45:00	3.750	2,561.1	2,574.3	2,590.3
03/30/88	18:00:00	4.000	2,512.5	2,525.7	2,541.7
03/30/88	18:15:00	4.250	2,473.9	2,487.1	2,503.1
03/30/88	18:30:00	4.500	2,437.2	2,450.4	2,466.4
03/30/88	18:45:00	4.750	2,401.7	2,414.9	2,430.9
03/30/88	19:00:00	5.000	2,367.6	2,380.8	2,396.8
03/30/88	19:15:00	5.250	2,337.5	2,350.7	2,366.7
03/30/88	19:30:00	5.500	2,311.6	2,324.8	2,340.8
03/30/88	19:45:00	5.750	2,291.8	2,305.0	2,321.0
03/30/88	20:00:00	6.000	2,275.8	2,289.0	2,305.0
03/30/88	20:15:00	6.250	2,262.7	2,275.9	2,291.9
03/30/88	20:30:00	6.500	2,255.2	2,268.4	2,284.4
03/30/88	20:45:00	6.750	2,261.2	2,274.4	2,290.4
03/30/88	21:00:00	7.000	2,282.0	2,295.2	2,311.2
03/30/88	21:15:00	7.250	2,290.2	2,303.4	2,319.4
03/30/88	21:30:00	7.500	2,303.1	2,316.3	2,332.3
03/30/88	21:45:00	7.750	2,318.5	2,331.7	2,347.7
03/30/88	22:00:00	8.000	2,339.6	2,352.8	2,368.8
03/30/88	22:15:00	8.250	2,336.8	2,350.0	2,366.0
03/30/88	22:30:00	8.500	2,287.4	2,300.6	2,316.6
03/30/88	22:45:00	8.750	2,182.3	2,195.5	2,211.5
03/30/88	23:00:00	9.000	2,109.1	2,122.3	2,138.3
03/30/88	23:15:00	9.250	2,069.2	2,082.4	2,098.4
03/30/88	23:30:00	9.500	2,032.3	2,045.5	2,061.5
03/30/88	23:45:00	9.750	2,006.6	2,019.8	2,035.8
03/31/88	00:00:00	10.000	1,982.1	1,995.3	2,011.3
03/31/88	00:15:00	10.250	1,956.9	1,970.1	1,986.1
03/31/88	00:30:00	10.500	1,942.8	1,956.0	1,972.0
03/31/88	00:45:00	10.750	1,928.9	1,942.1	1,958.1
03/31/88	01:00:00	11.000	1,916.5	1,929.7	1,945.7
03/31/88	01:15:00	11.250	1,905.4	1,918.6	1,934.6
03/31/88	01:30:00	11.500	1,890.9	1,904.1	1,920.1
03/31/88	01:45:00	11.750	1,877.6	1,890.8	1,906.8
03/31/88	02:00:00	12.000	1,870.0	1,883.2	1,899.2
03/31/88	02:15:00	12.250	1,854.7	1,867.9	1,883.9
03/31/88	02:30:00	12.500	1,846.3	1,859.5	1,875.5
03/31/88	02:45:00	12.750	1,835.7	1,848.9	1,864.9
03/31/88	03:00:00	13.000	1,828.1	1,841.3	1,857.3
03/31/88	03:15:00	13.250	1,826.0	1,839.2	1,855.2
03/31/88	03:30:00	13.500	1,822.3	1,835.5	1,851.5
03/31/88	03:45:00	13.750	1,817.5	1,830.7	1,846.7

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

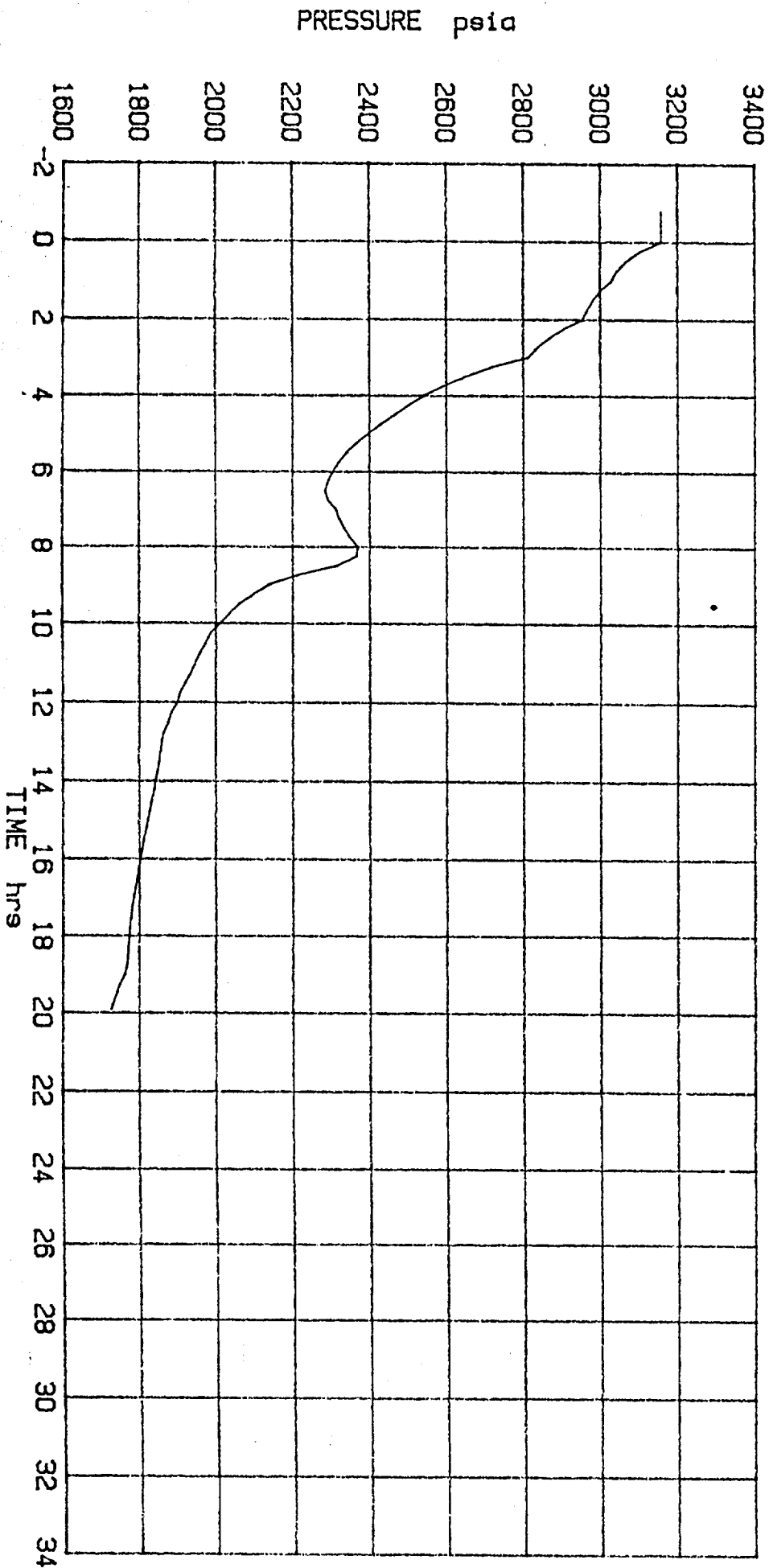
PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
03/31/88	04:00:00	14.000	1,812.7	1,825.9	1,841.9
03/31/88	04:15:00	14.250	1,809.2	1,822.4	1,838.4
03/31/88	04:30:00	14.500	1,803.2	1,816.4	1,832.4
03/31/88	04:45:00	14.750	1,798.6	1,811.8	1,827.8
03/31/88	05:00:00	15.000	1,793.2	1,806.4	1,822.4
03/31/88	05:15:00	15.250	1,787.8	1,801.0	1,817.0
03/31/88	05:30:00	15.500	1,782.9	1,796.1	1,812.1
03/31/88	05:45:00	15.750	1,778.1	1,791.3	1,807.3
03/31/88	06:00:00	16.000	1,773.7	1,786.9	1,802.9
03/31/88	06:15:00	16.250	1,769.4	1,782.6	1,798.6
03/31/88	06:30:00	16.500	1,765.0	1,778.2	1,794.2
03/31/88	06:45:00	16.750	1,760.4	1,773.6	1,789.6
03/31/88	07:00:00	17.000	1,755.7	1,768.9	1,784.9
03/31/88	07:15:00	17.250	1,751.7	1,764.9	1,780.9
03/31/88	07:30:00	17.500	1,748.6	1,761.8	1,777.8
03/31/88	07:45:00	17.750	1,746.2	1,759.4	1,775.4
03/31/88	08:00:00	18.000	1,744.4	1,757.6	1,773.6
03/31/88	08:15:00	18.250	1,742.6	1,755.8	1,771.8
03/31/88	08:30:00	18.500	1,740.7	1,753.9	1,769.9
03/31/88	08:45:00	18.750	1,739.0	1,752.2	1,768.2
03/31/88	09:00:00	19.000	1,733.7	1,746.9	1,762.9
03/31/88	09:15:00	19.250	1,720.4	1,733.6	1,749.6
03/31/88	09:30:00	19.500	1,711.7	1,724.9	1,740.9
03/31/88	09:45:00	19.750	1,703.0	1,716.2	1,732.2
03/31/88	09:54:34	19.909	1,697.4	1,710.6	1,726.6

TEST DATE, 03/30/88 TO 03/31/88
 TEST DEPTH, 8404 ft
 ELEMENT NO, RPC3#27626
 RANGE, 6175 psig
 CLOCK, 32463
 RANGE, 24 hrs
 OPERATOR, RICHARD TOWNLEY

JIM O'BRIANT
ROBERT ENFIELD
E. McCOMBS #11
BENNETT-CATHEY WIRE LINE SERVICE Box 787 Artesia, N.M. 88210 (505) 748-3354



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