

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPLE-POINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

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SEP 17 1984

O. C. D.

Form C-1
Revised 1-78

Type Test 4 POINT ☒ Initial ☐ Annual ☐ Special				Test Date 9-20-84	
Company JFG ENTERPRISES			Connection TO AIR		
Pool Uncl. Morrow			Formation MORROW		
Completion Date 8-17-84		Total Depth 9267. 9345		Elevation 4408.	
Casing Size 5.500		Casing ID 23.0		Perforations From 8786 To 9054.	
Tub. Size 2.875		Tub. ID 6.5		Perforations From 0 To 0.	
Type Well - Single - Bradenhead - G.O. or G.O. Multiple SINGLE				Packer Set At 8688.	
Producing thru TUBING		Reservoir Temp. °F 167 8911.		Mean Annual Temp. °F 60.0	
L 8911.		H 8911.		Baro. Press. - P _a 13.2	
Cg 0.596		% CO ₂ 0.63		% N ₂ 0.94	
Prover Ø		Motor Run 3.1		Taps FLANGE	

FLOW DATA						TUBING DATA		B.H.P. 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.	
51							2689.	88	3347.	
1.	3.07	X	0.750	330.	1.0	96	2623.	89	3259.	3/64
2.	3.07	X	0.750	330.	5.0	96	2522.	89	3138.	4/64
3.	3.07	X	0.750	330.	11.0	78	2378.	89	2962.	5/64
4.	3.07	X	0.750	330.	27.0	76	2095.	88	2621.	6/64
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. Compres. Factor, F _{pv}	Rate of Flow Q, Mscf/d
1	2.67	18.53	343.2	0.9671	1.2953	1.0226	63.
2	2.67	41.42	343.2	0.9671	1.2953	1.0226	142.
3	2.67	61.44	343.2	0.9831	1.2953	1.0257	214.
4	2.67	96.26	343.2	0.9850	1.2953	1.0260	337.
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	0.51	556.	1.57	0.956	0.	0.	0.596	XXXXXX	674.	354.
2	0.51	556.	1.57	0.956						
3	0.51	538.	1.52	0.951						
4	0.51	536.	1.52	0.950						
5										

2727.4 P_c^2 7439.				(1) $\frac{P_c^2}{P_b^2 - P_w^2} = 2.5658$	(2) $\left[\frac{P_c^2}{P_b^2 - P_w^2} \right]^n = 2.1929$	
NO.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$	AOF = Q $\left[\frac{P_c^2}{P_b^2 - P_w^2} \right]^n = 738.$	Post ID-2 2-21-86 Comp + BK
1	10707.	2654.	7043.	396.		
2	9930.	2553.	6518.	921.		
3	8852.	2408.	5799.	1640.		
4	6939.	2131.	4540.	2899.		

Absolute Open Flow 738.		Mscf @ 15.025		Angle of Slope Ø 50.2		Slope, n 0.833	
Remarks: BOTTOM HOLE PRESSURES MEASURED WITH AMERADA PRESSURE ELEMENTS.							
Approved By Commission		Conducted By RICHARD TOWNLEY		Calculated By BENNETT & CATHEY INC.		Checked By	

BACK PRESSURE CURVE

SEP 17 1984

Operator JFG EnterprisesO. Lease Lozfer Draw Federal Well No. 1County Eddy

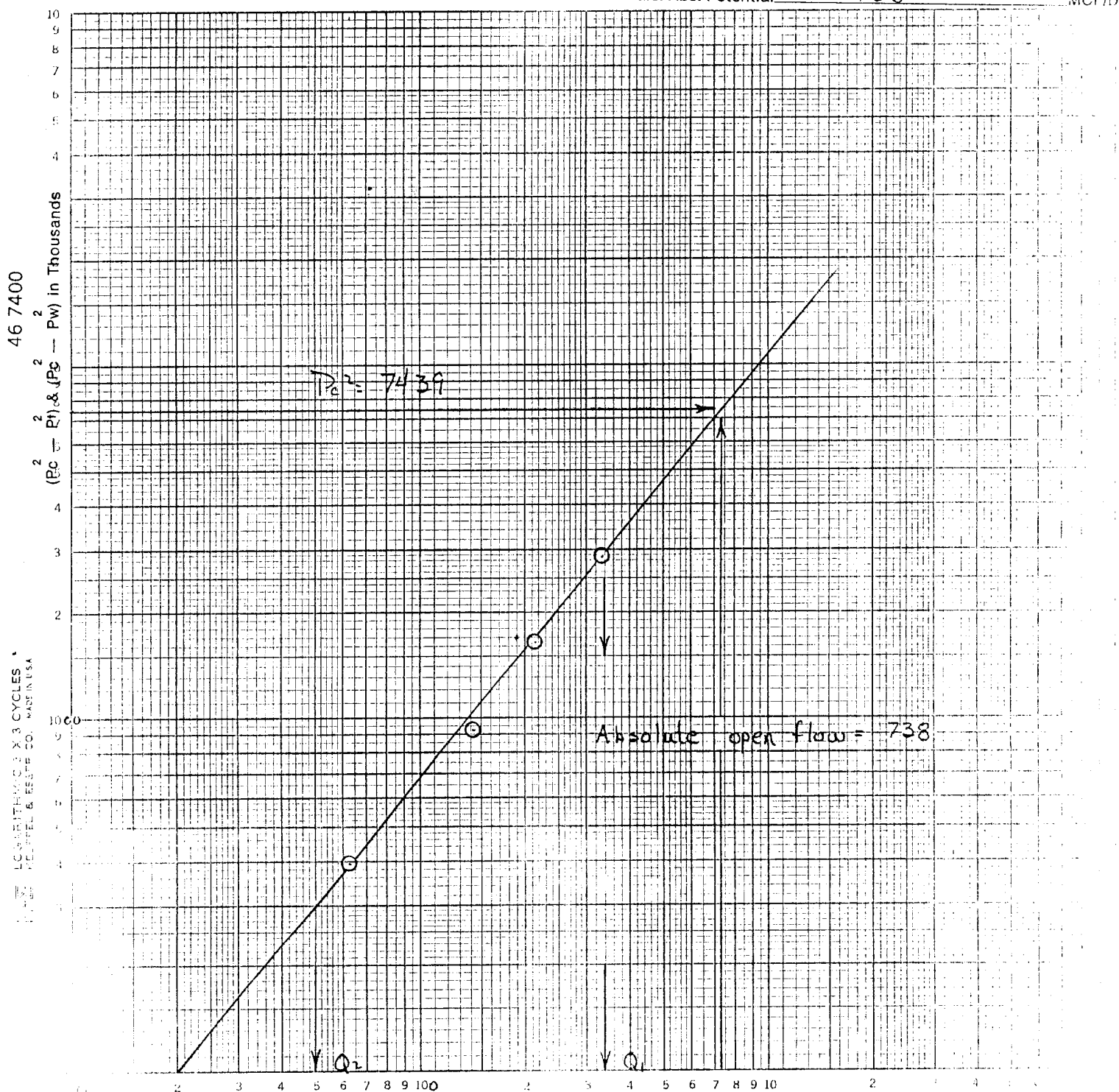
Field

ARTESIA, OFFICE

Location

Date of Test 8-20-84Slope "n" 50.2Angle of Slope 0.833Calc. Abs. Potential 738

MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{3000}{300}$$

$$\frac{\Delta P_1^2}{\Delta P_2^2} \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{3000}{300}$$

$$Q_1 = 340$$

Q In MCF/Day

$$\text{LOG } Q_1 = 2.5315$$

$$\text{LOG } Q_2 = 1.6086$$

$$n = 0.833$$

"Let your Interest in Measurement be our Concern"



PRECISION SERVICE, INC.
Flow Measurement Engineers
Analysis Results Summary
Casper, WY 82601

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O. C. D.
ARTESIA, OFFICE

Run No. _____
Date Run _____
Date Sampled _____

Analysis For: BENNETT & CATHEY WRLN.

Lease: Loafer Draw

Location _____

Purpose: 4 Point

Sampling Temp. 82 °F

Volume/day 307 MCF/Day

Pressure on Bomb 342

Producer: J F G Ent.

County: Eddy State: New Mexico

Sampled By: B & C Wireline

Atmos Temp. 87 °F

Formation _____

PSIG; Line Pressure 355.2 PSIA PSIG _____

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO₂

.630

Oxygen O₂

.024

Nitrogen N₂

.939

Hydrogen Sulfide H₂S

Methane C₁

93.713

Ethane C₂

3.557

Propane C₃

.745

Iso-Butane IC₄

.093

Nor-Butane NC₄

.134

Iso-Pentane IC₅

.060

Nor-Pentane NC₅

.050

Hexanes plus

.053

Hexanes C₆

Heptanes

Heptanes Plus C₇+

Total

100.000

Pentane + G.P.M.

Propane + GPM

Oil Gasoline

.065

.343

.377

BTU Dry

BTU Wet

Calc. Specific Gravity

@ Std. Press. 14.696

BTU Dry

BTU Wet

Calc. Vap. Press. #/Sq.In.

Reid Vap. Press. #/Sq.In.

Z Factor

N Value

Ave Mol Wt

Ave Cu Ft/Dal

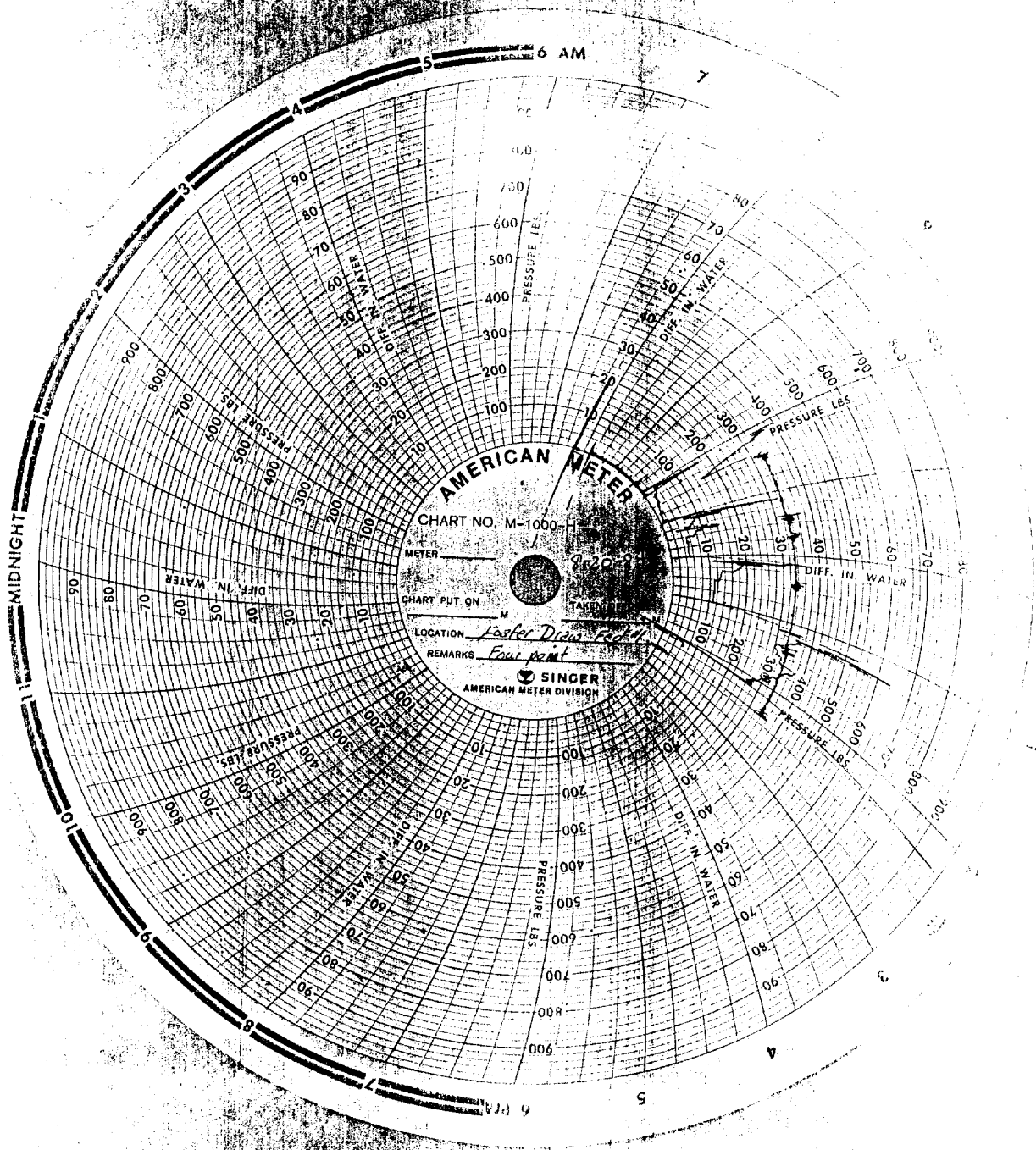
Run by Joe H. Krum

Calculated By Jeffrey A. Prapp

Ethane + GPM

1.294

Remarks: BTU Wet @14.73 from GPA Reference Bulletin 181-
82 Heating Value Conversion Table, Factor: 0.9849



AMERICAN METER

CHART NO. M-1000-H

METER

CHART PUT ON

LOCATION

REMARKS

SINGER
AMERICAN METER DIVISION

Foster Drive, Rockville

Four point

COMPANY: JFG ENTERPRIZE
LEASE: LOAFER DRAW FEDERAL
FIELD:
COUNTY: EDDY
STATUS: FOUR POINT BACK PRESSURE TEST
PERFORATIONS FROM: 8768 ft
DEPTH: 8678 ft

CONTACT: JAMES GUY
WELL: #1
ZONE: MORROW
STATE: NEW MEXICO
OPERATOR: RICHARD TOWNLEY
TO: 9054 ft
TEMPERATURE: 165°F

ELEMENT# RPC3#46632
CLOCK# 1935
ELEMENT# RPC3#46950
CLOCK# 83443

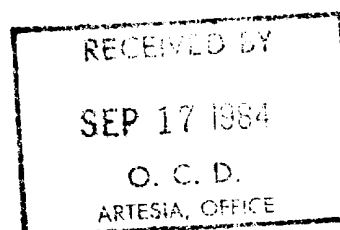
ELEMENT RANGE: 7000 psia
CLOCK RANGE: 12 hrs
ELEMENT RANGE: 7250 psia
CLOCK RANGE: 12 hrs

START CLOCK 08/20/84
SET ELEMENT 08/20/84
WELL SHUT IN 08/16/84
TEST ENDED 08/20/84

08:45:00 2689 psia
10:00:00 2689 psia
15:00:00 0 psia
14:30:00 2095 psia

GAIN= 1
FILE: JFG-4PT-2:D701

BIAS= 19 psi
BAROMETRIC PRESSURE= 13.2 psia



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

PRESSURE TRANSIENT TEST DATA

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O. C. D.	
ARTESIA, OFFICE	

COMPANY: JFG ENTERPRIZE
LEASE: LOAFER DRAW FEDERAL
FIELD:
COUNTY: EDDY
STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: JAMES GUY
WELL: #1
ZONE: MORROW
STATE: NEW MEXICO
OPERATOR: RICHARD TOWNLEY

PERFORATIONS FROM: 8,768.0' TO: 9,054.0'
ELEMENT DEPTH: 8,678.0' TEMPERATURE: 165.0°F

ELEMENT: RPG3#46632	RANGE: 7000 psia
CLOCK: 1935	RANGE: 12 hrs
ELEMENT: RPG3#46950	RANGE: 7250 psia
CLOCK: B3443	RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	08/20/84	08:45:00	2,689.0 psia
SET ELEMENT	08/20/84	10:00:00	2,689.0 psia
WELL SHUT IN	08/16/84	15:00:00	0.0 psia
END OF TEST	08/20/84	14:30:00	2,095.0 psia

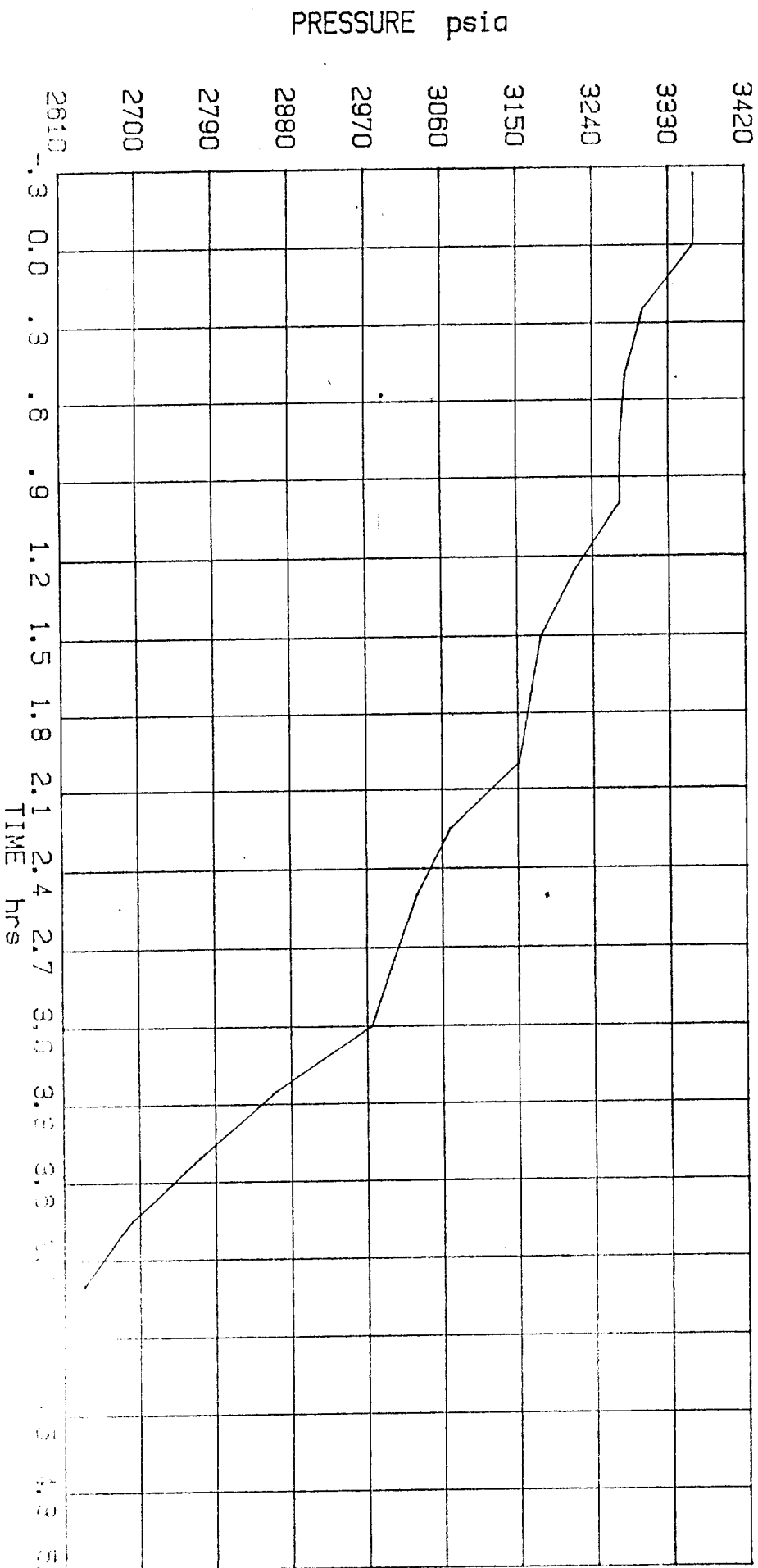
SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psia	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/20/84	10:13:41	- .272	3,327.9	3,341.1	3,360.1
08/20/84	10:30:00	0.000	3,327.9	3,341.1	3,360.1
08/20/84	10:45:00	.250	3,267.8	3,281.0	3,300.0
08/20/84	11:00:00	.500	3,246.8	3,260.0	3,279.0
08/20/84	11:15:00	.750	3,240.6	3,253.8	3,272.8
08/20/84	11:30:00	1.000	3,240.3	3,253.5	3,272.5
08/20/84	11:45:00	1.250	3,186.7	3,199.9	3,218.9
08/20/84	12:00:00	1.500	3,146.1	3,159.3	3,178.3
08/20/84	12:15:00	1.750	3,132.4	3,145.6	3,164.6
08/20/84	12:30:00	2.000	3,119.4	3,132.6	3,151.6
08/20/84	12:45:00	2.250	3,037.9	3,051.1	3,070.1
08/20/84	13:00:01	2.500	2,997.7	3,010.9	3,029.9
08/20/84	13:15:01	2.750	2,969.8	2,983.0	3,002.0
08/20/84	13:30:00	3.000	2,943.4	2,956.6	2,975.6
08/20/84	13:45:00	3.250	2,830.8	2,844.0	2,863.0
08/20/84	14:00:00	3.500	2,742.9	2,756.1	2,775.1
08/20/84	14:15:00	3.750	2,658.5	2,671.7	2,690.7
08/20/84	14:30:00	4.000	2,602.1	2,615.3	2,634.3

TEST DATE: 09/20/84 TO 09/20/84
 TEST DEPTH: 8678 ft
 ELEMENT NO: RP33#46950
 RANGE: 7250 psig
 CLOCK: B3443
 RANGE: 12 hrs
 OPERATOR: RICHARD TOWNLEY

JAMES GUY
JFG ENTERPRIZE
LOAFER DRAW FEDERAL #1
BENNETT-CATHEY WIRE LINE SERVICE
Box 787 Artesia, N.M. 88210 (505) 748-3354

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 ARTESIA, OFFICE



COMPANY: JFG ENTERPRIZE
LEASE: LOAFER DRAW FEDERAL
FIELD:
COUNTY: EDDY
STATUS: BOTTOM HOLE BUILD UP TEST
PERFORATIONS FROM: 8768 ft
DEPTH: 8678 ft

CONTACT: JAMES CUY
WELL: #1
ZONE: MORROW
STATE: NEW MEXICO
OPERATOR: BO FAULKENBERRY
TO: 9054 ft
TEMPERATURE: 165°F

ELEMENT# RPG3#46632
CLOCK# 21850
ELEMENT# RPG3#46950
CLOCK# 28657

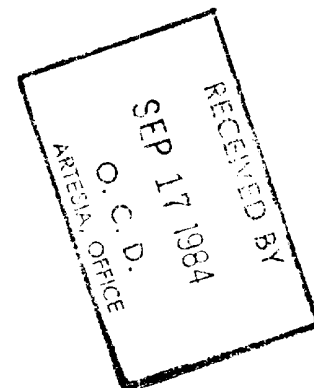
ELEMENT RANGE: 7000 psia
CLOCK RANGE: 120 hrs
ELEMENT RANGE: 7250 psia
CLOCK RANGE: 120 hrs

START CLOCK 08/16/84
SET ELEMENT 08/16/84
WELL SHUT IN 08/16/84
TEST ENDED 08/20/84

14:02:00 0 psia
14:45:00 0 psia
15:00:00 0 psia
10:00:00 2689 psia

GAIN= 1
FILE: LOAFER-3:D701

BIAS= 19 psi
BAROMETRIC PRESSURE= 13.2 psia



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BENNETT-CATHEY WIRE LINE SERVICE

PHONE (505) 748-3354

ARTESIA, NEW MEXICO, 88210

O. C. D.

ARTESIA OFFICE

PRESSURE TRANSIENT TEST DATA

COMPANY: JFC ENTERPRIZE
 LEASE: LOAFER DRAW FEDERAL
 FIELD:
 COUNTY: EDDY
 STATUS: BOTTOM HOLE BUILD UP TEST

CONTACT: JAMES GUY
 WELL: #1
 ZONE: MORROW
 STATE: NEW MEXICO
 OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 8,768.0'
 ELEMENT DEPTH: 8,678.0'

TO: 9,054.0'
 TEMPERATURE: 165.0°F

ELEMENT: RPG3#46632
 CLOCK: 21850
 ELEMENT: RPG3#46950
 CLOCK: 28657

RANGE: 7000 psia
 RANGE: 120 hrs
 RANGE: 7250 psia
 RANGE: 120 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	08/16/84	14:02:00	0.0 psia
SET ELEMENT	08/16/84	14:45:00	0.0 psia
WELL SHUT IN	08/16/84	15:00:00	0.0 psia
END OF TEST	08/20/84	10:00:00	2,689.0 psia

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psia	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/16/84	14:45:19	-.245	258.1	271.3	290.5
08/16/84	15:00:00	0.000	257.7	270.9	289.5
08/16/84	15:05:00	.083	317.0	330.2	349.2
08/16/84	15:10:00	.167	401.1	414.3	433.3
08/16/84	15:15:00	.250	481.9	495.1	514.1
08/16/84	15:20:00	.333	568.7	581.9	600.9
08/16/84	15:25:00	.417	655.5	668.7	687.7
08/16/84	15:30:00	.500	742.1	755.3	774.3
08/16/84	15:35:00	.583	816.3	829.5	848.5
08/16/84	15:40:00	.667	897.7	910.9	928.9
08/16/84	15:45:00	.750	977.0	990.2	1,009.2
08/16/84	15:50:00	.833	1,059.1	1,072.3	1,091.3
08/16/84	15:55:00	.917	1,138.4	1,151.6	1,170.6
08/16/84	16:00:00	1.000	1,210.0	1,223.2	1,242.2
08/16/84	16:15:00	1.250	1,433.2	1,446.4	1,465.4
08/16/84	16:30:00	1.500	1,624.0	1,637.2	1,656.2
08/16/84	16:45:00	1.750	1,806.4	1,819.6	1,838.6
08/16/84	17:00:00	2.000	1,985.6	1,998.8	2,017.8
08/16/84	17:15:00	2.250	2,142.5	2,155.7	2,174.7
08/16/84	17:30:00	2.500	2,290.2	2,303.4	2,322.4
08/16/84	17:45:00	2.750	2,424.3	2,437.5	2,456.5
08/16/84	18:00:00	3.000	2,538.6	2,551.8	2,570.8

BENNETT-CATHEY WIRE LINE SERVICE SEP 17 1984

PHONE (505) 748-3854

ARTESIA, NEW MEXICO, 88210

O. C. D.

ARTESIA, OFFICE

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/16/84	18:15:00	3.250	2,646.8	2,660.0	2,679.0
08/16/84	18:30:00	3.500	2,739.4	2,752.6	2,771.6
08/16/84	18:45:00	3.750	2,829.1	2,842.3	2,861.3
08/16/84	19:00:00	4.000	2,906.7	2,919.9	2,938.9
08/16/84	19:15:00	4.250	2,970.2	2,983.4	3,002.4
08/16/84	19:30:00	4.500	3,019.4	3,032.6	3,051.6
08/16/84	19:45:00	4.750	3,062.1	3,075.3	3,094.3
08/16/84	20:00:00	5.000	3,096.3	3,109.5	3,128.5
08/16/84	20:15:00	5.250	3,131.5	3,144.7	3,163.7
08/16/84	20:30:00	5.500	3,162.0	3,175.2	3,194.2
08/16/84	20:45:00	5.750	3,187.0	3,200.2	3,219.2
08/16/84	21:00:00	6.000	3,205.9	3,219.1	3,238.1
08/16/84	21:15:00	6.250	3,222.4	3,235.6	3,254.6
08/16/84	21:30:00	6.500	3,234.5	3,247.7	3,266.7
08/16/84	21:45:00	6.750	3,243.4	3,256.6	3,275.6
08/16/84	22:00:00	7.000	3,249.2	3,262.4	3,281.4
08/16/84	22:15:00	7.250	3,254.0	3,267.2	3,286.2
08/16/84	22:30:00	7.500	3,258.2	3,271.4	3,290.4
08/16/84	22:45:00	7.750	3,262.2	3,275.4	3,294.4
08/16/84	23:00:00	8.000	3,266.0	3,279.2	3,298.2
08/16/84	23:15:00	8.250	3,269.1	3,282.3	3,301.3
08/16/84	23:30:00	8.500	3,272.1	3,285.3	3,304.3
08/16/84	23:45:00	8.750	3,275.1	3,288.3	3,307.3
08/17/84	00:00:00	9.000	3,275.9	3,289.1	3,308.1
08/17/84	00:15:00	9.250	3,276.8	3,290.0	3,309.0
08/17/84	00:30:00	9.500	3,277.7	3,290.9	3,309.9
08/17/84	00:45:00	9.750	3,278.5	3,291.7	3,310.7
08/17/84	01:00:00	10.000	3,278.8	3,292.0	3,311.0
08/17/84	01:30:00	10.500	3,279.0	3,292.2	3,311.2
08/17/84	02:00:00	11.000	3,279.3	3,292.5	3,311.5
08/17/84	02:30:00	11.500	3,279.6	3,292.8	3,311.8
08/17/84	03:00:00	12.000	3,279.9	3,293.1	3,312.1
08/17/84	03:30:00	12.500	3,280.5	3,293.7	3,312.7
08/17/84	04:00:00	13.000	3,281.6	3,294.8	3,313.8
08/17/84	04:30:00	13.500	3,282.7	3,295.9	3,314.9
08/17/84	05:00:00	14.000	3,283.8	3,297.0	3,316.0
08/17/84	05:30:00	14.500	3,284.9	3,298.1	3,317.1
08/17/84	06:00:00	15.000	3,286.0	3,299.2	3,318.2
08/17/84	06:30:00	15.500	3,286.7	3,299.9	3,318.9
08/17/84	07:00:00	16.000	3,287.2	3,300.4	3,319.4
08/17/84	07:30:00	16.500	3,287.8	3,301.0	3,320.0
08/17/84	08:00:00	17.000	3,288.3	3,301.5	3,320.5
08/17/84	08:30:00	17.500	3,288.9	3,302.1	3,321.1
08/17/84	09:00:00	18.000	3,289.4	3,302.6	3,321.6
08/17/84	09:30:00	18.500	3,290.0	3,303.2	3,322.2

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SEP 17 1984

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

PRESSURE TRANSIENT TEST DATA

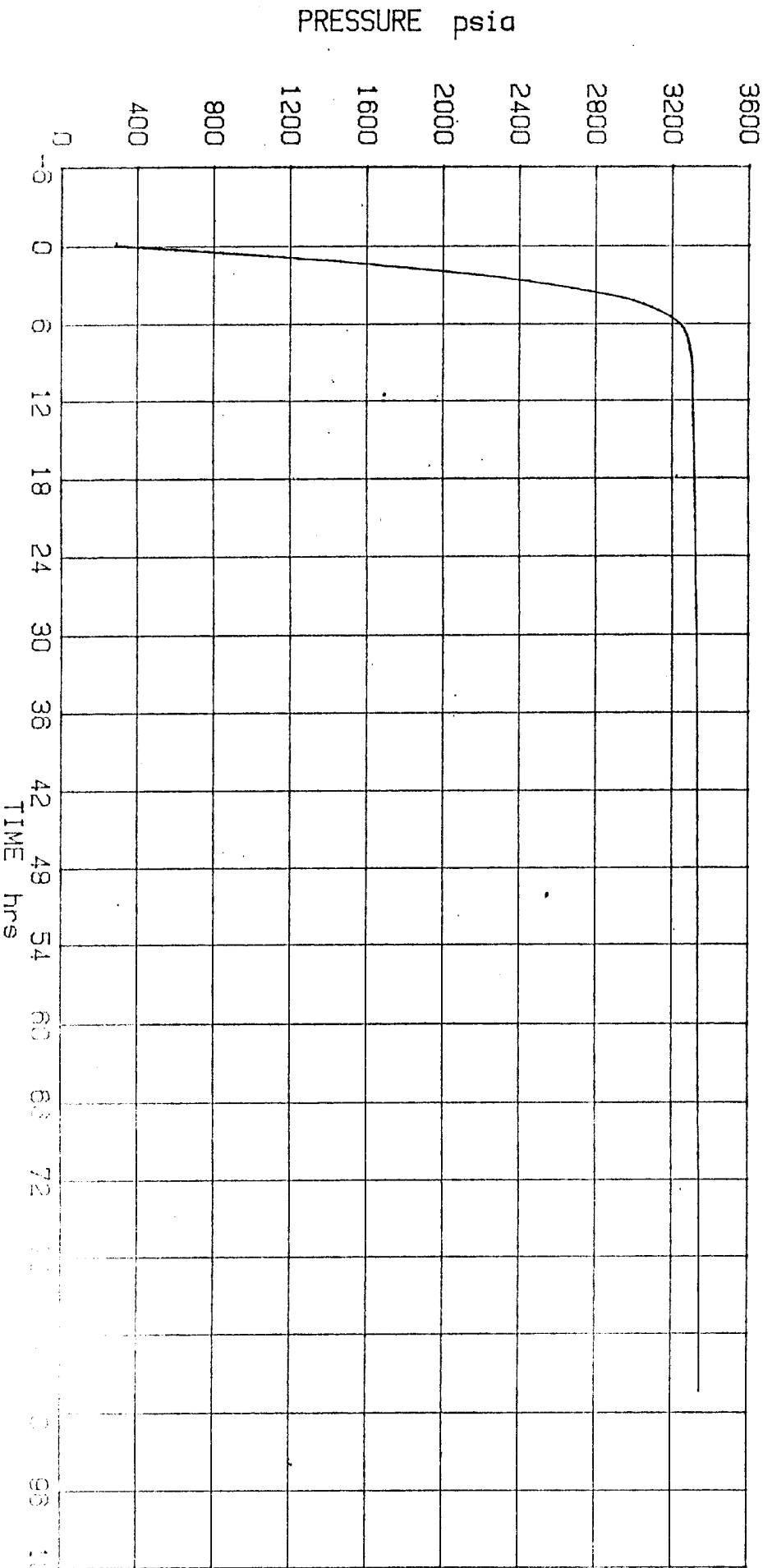
SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
08/17/84	10:30:00	19.500	3,290.9	3,304.1	3,323.1
08/17/84	11:00:00	20.000	3,291.3	3,304.5	3,323.5
08/17/84	12:00:00	21.000	3,292.1	3,305.3	3,324.3
08/17/84	13:00:00	22.000	3,292.9	3,306.1	3,325.1
08/17/84	14:00:00	23.000	3,293.4	3,306.6	3,325.6
08/17/84	15:00:00	24.000	3,293.8	3,307.0	3,326.0
08/17/84	16:00:00	25.000	3,294.3	3,307.5	3,326.5
08/17/84	17:00:00	26.000	3,295.2	3,308.4	3,327.4
08/17/84	18:00:00	27.000	3,296.5	3,309.7	3,328.7
08/17/84	19:00:00	28.000	3,297.7	3,310.9	3,329.9
08/17/84	20:00:00	29.000	3,298.9	3,312.1	3,331.1
08/17/84	21:00:00	30.000	3,299.8	3,313.0	3,332.0
08/17/84	23:00:00	32.000	3,301.5	3,314.7	3,333.7
08/18/84	01:00:00	34.000	3,303.0	3,316.2	3,335.2
08/18/84	03:00:00	36.000	3,304.2	3,317.4	3,336.4
08/18/84	05:00:00	38.000	3,305.2	3,318.4	3,337.4
08/18/84	07:00:00	40.000	3,305.7	3,318.9	3,337.9
08/18/84	09:00:00	42.000	3,306.1	3,319.3	3,338.3
08/18/84	11:00:00	44.000	3,306.7	3,319.9	3,338.9
08/18/84	13:00:00	46.000	3,307.3	3,320.5	3,339.5
08/18/84	15:00:00	48.000	3,307.8	3,321.0	3,340.0
08/18/84	17:00:00	50.000	3,308.3	3,321.5	3,340.5
08/18/84	22:00:00	55.000	3,309.6	3,322.8	3,341.8
08/19/84	03:00:00	60.000	3,311.3	3,324.5	3,343.5
08/19/84	08:00:00	65.000	3,312.1	3,325.3	3,344.3
08/19/84	13:00:00	70.000	3,314.6	3,327.8	3,346.8
08/19/84	18:00:00	75.000	3,316.5	3,329.7	3,348.7
08/19/84	23:00:00	80.000	3,317.5	3,330.7	3,349.7
08/20/84	04:00:00	85.000	3,319.7	3,332.9	3,351.9
08/20/84	07:22:13	88.370	3,321.4	3,334.6	3,353.6

TEST DATE: 09/16/84 TO 03/20/84
 TEST DEPTH: 8878 ft
 ELEMENT NO: RPO3#46950
 RANGE: 7250 psi g
 CLOCK: 28657
 RANGE: 120 hrs
 OPERATOR: BO FAULKENBERRY

JAMES GUY
JFC ENTERPRIZE
LOAFER DRAW FEDERAL #1
BENNETT-CATHEY WIRE LINE SERVICE Box 787 Artesia, N.M. 88210 (505) 748-3354

RECEIVED BY
 SEP 17 1984
 O. C. D.
 ARTESIA, OFFICE





BENNETT-CATHEY WIRE LINE SERVICE

P. O. BOX 787

ARTESIA, NEW MEXICO 88210

Phone (505) 746-3281

SEP 17 1984

BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR JFG ENTERPRISES
LEASE LOAFER DRAW FEDERAL
WELL NO. #1
POOL FORMATION
DATE 8-20-84 TIME 1000 HOUR
CO. MAN JAMES GUY
STATUS SHUT IN TEST DEPTH 8678 FEET
TIME S.I. 1500 HOUR LAST TEST DATE 1ST TEST
8-16-84 BHP LAST TEST
TUB. PRES. 2702.2# BHP CHANGE
CAS. PRES. FLUID TOP
DATUM PLANE WATER TOP
DATUM PSIA 3340.2# RUN BY BO FAULKENBERRY
TEMP 165° CLOCK # B-3443
PRESSURE RANGE 7250 LBS.
ELEMENT NO. RPG3#46950

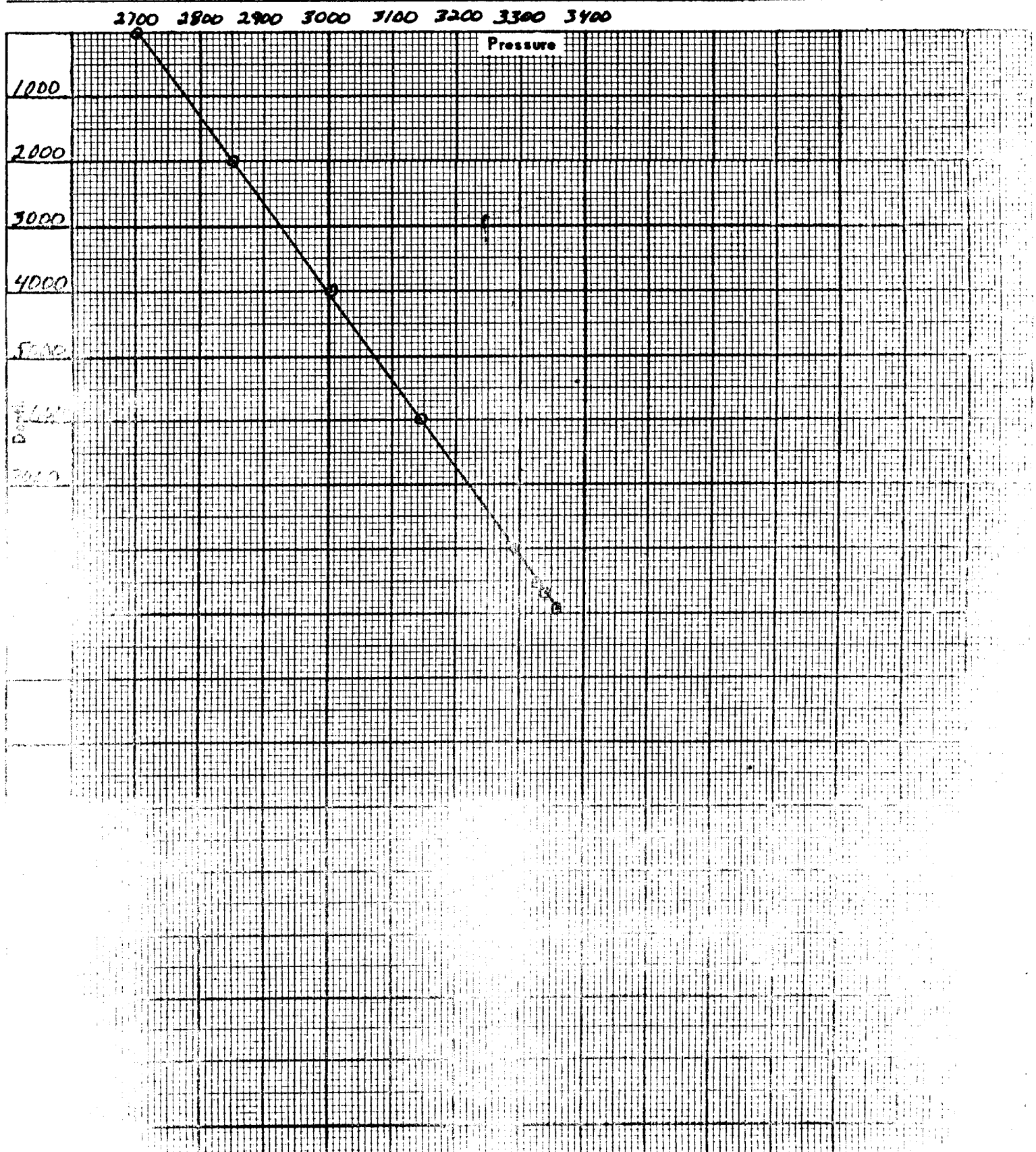
DEPTH	PSIA	GRADIENT
0	2702.2	
2000	2851.2	7.4
4000	3003.2	7.6
6000	3144.2	7.1
8000	3294.2	7.5
8528	3328.2	6.4
8678	3340.2	8.0
8911	3359.2	8.2

8911 FEET WAS EXTRAPOLATED.

TIME B.H.P. MEASURED 1000 HOUR.

LENGTH OF TIME WELL SHUT IN 91 HOURS.

PERFORATIONS FROM 8768 TO 9054 FEET.



COMPANY: JFG ENTERPRIZE
LEASE: LOAFER DRAW FEDERAL
FIELD:
COUNTY: EDDY
STATUS: BOTTOM HOLE BUILD UP TEST

CONTACT: JAMES GUY
WELL: #1
ZONE: MORROW
STATE: NEW MEXICO
OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 8768 ft
DEPTH: 8678 ft

TO: 9054 ft
TEMPERATURE: 165°F

ELEMENT# RPC3#46632
CLOCK# 21850
ELEMENT# RPC3#46950
CLOCK# 28657

RANGE: 7000 psi
RANGE: 120 hrs
RANGE: 7250 psi
RANGE: 120 hrs

START CLOCK	08/16/84	14:02:00	0 psia
SET ELEMENT	08/16/84	14:45:00	0 psia
WELL SHUT IN	08/16/84	15:00:00	0 psia
TEST ENDED	08/20/84	10:00:00	2689 psia

FILE: LOAFER-3:D701

C/qwf= 0 hrs/psi

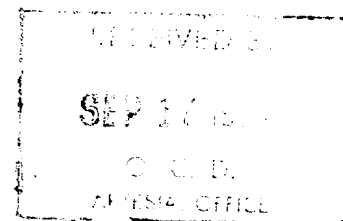
Gain= 1

tsi= 0 hrs

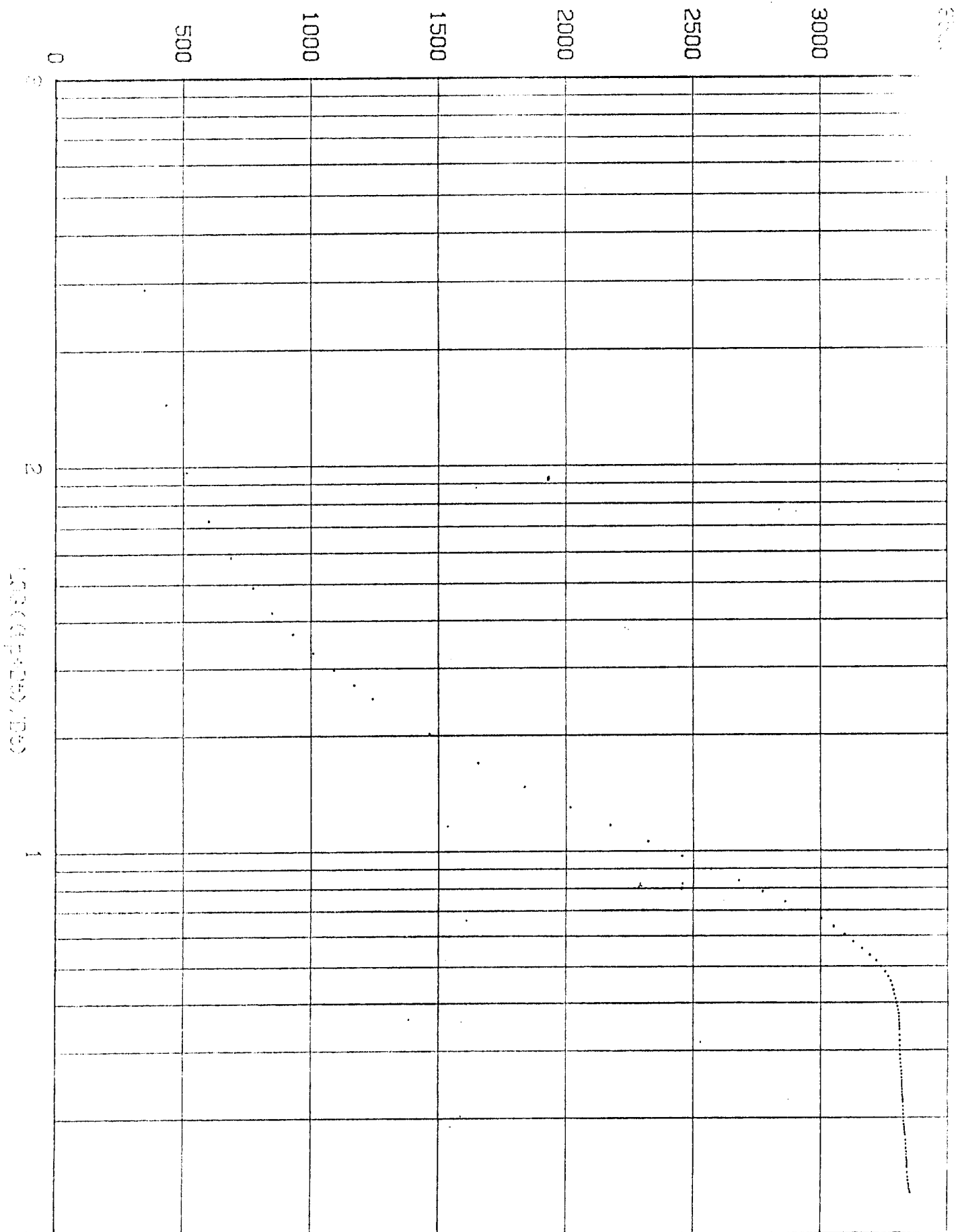
tp= 24 hrs

Dt/tD= 1 hrs

pA= 13.2 psia
Bias= 19 psi
pwf= 289.944 psia
dps= 0 psi
Dp/pD= 1 psi



p psia



COMPANY: JFG ENTERPRIZE
LEASE: LOAFER DRAW FEDERAL
FIELD:
COUNTY: EDDY
STATUS: BOTTOM HOLE BUILD UP TEST

CONTACT: JAMES GUY
WELL: #1
ZONE: MORROW
STATE: NEW MEXICO
OPERATOR: BO FAULKENDERAY

PERFORATIONS FROM: 8768 ft
DEPTH: 8678 ft

TO: 9054 ft
TEMPERATURE: 165°F

ELEMENT# RPG3#46632
CLOCK# 21850
ELEMENT# RPG3#46950
CLOCK# 28657

RANGE: 7000 psi
RANGE: 120 hrs
RANGE: 7250 psi
RANGE: 120 hrs

START CLOCK	08/16/84	14:02:00	0 psia
SET ELEMENT	08/16/84	14:45:00	0 psia
WELL SHUT IN	08/16/84	15:00:00	0 psia
TEST ENDED	08/20/84	10:00:00	2689 psia

FILE: LOAFER-3:D701

C/qwf= 0 hrs/psi

Gain= 1

tsi= 0 hrs

tp= 24 hrs

m= 0 psi/cycle

pA= 13.2 psia

Bias= 19 psi

pwf= 289.944 psia

dps= 0 psi

p*= 0 psia

