

DEC -4 1986

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

Form C-122
Revised 9-1-6

451
File

Type Test 4 POINT ☒ O.G.D. ☐ Annual ☐ Special		Test Date 11-19-84	
Company STEVENS OPERATING		Connection TO AIR	
Pool PECOS SLOPE		Formation ABO	
Completion Date 11-6-84		Total Depth 4384.	Plug Back To 4340.
Elevation 3548.		Form or Lease Name MIKE FEDERAL COM	
Well Size 4.500	Wt. 11.6	d 4.000	Set At 4384.
Perforations: From 3827. To 3854.		Well No. # 1	
Thy. Size 2.375	Wt. 4.6	d 1.995	Set At 3809.
Perforations: From To		Unit Loc. Twp. Hq. N 12 8S 25E	
Type Well - Single - Drivenhead - G.O. or C.O. Multiple SINGLE		Packer Set At Ø	
Producing thru TUBING		County CHAVES	
Reservoir Temp. °F 100. 3741.		State NEW MEXICO	
Mean Annual Temp. °F 60.0		Grade	
L 3841.	H 3741.	Cg 0.663	% CO ₂ 0.02
% N ₂ 7.40		% H ₂ O 0.	
Provor 2.0		Motor Run 0.	
Tap 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
51							576.		621.	
1.	2.00 X 0.063			548.	0.	56.	550.	0.	615.	64/64
2.	2.00 X 0.093			541.	0.	51.	543.	0.	600.	64/64
3.	2.00 X 0.187			470.	0.	46.	470.	0.	525.	64/64
4.	2.00 X 0.218			409.	0.	39.	410.	0.	466.	64/64
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super. Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	0.06	0.	561.2	1.0039	1.2281	1.0529	47.
2	0.14	0.	554.2	1.0088	1.2281	1.0540	100.
3	0.60	0.	483.2	1.0137	1.2281	1.0485	381.
4	0.83	0.	422.2	1.0208	1.2281	1.0443	460.
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	0.85	516.	1.44	0.902	0.	0.	0.663	XXX XXX XXX	657.	358.
2	0.84	511.	1.43	0.900						
3	0.74	506.	1.41	0.910						
4	0.64	499.	1.39	0.917						
5										

NO.	P _t ²	P _w ²	P _t ² - P _w ²	P _t ² - P _w ²
1	395.	572.	327.	6.
2	376.	558.	311.	22.
3	290.	490.	240.	93.
4	230.	437.	191.	142.
5				

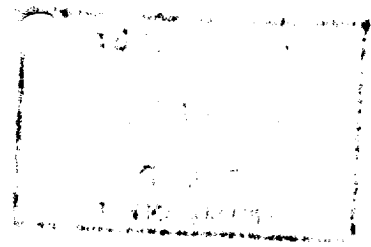
(1) $\frac{P_c^2}{P_t^2 - P_w^2} = 2.3435$ (2) $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n = 1.8705$

AOI = Q $\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n = 860.$

Absolute Open Flow	860.	Mcf @ 15.025	Angle of Slope	53.7	Slope, n	0.735
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Remarks: BOTTOM HOLE PRESSURES MEASURED WITH AMERADA PRESSURE ELEMENTS.

Approved By Commission	Conducted By DON BENNETT	Calculated By BENNETT & CATHEY INC.	Checked By
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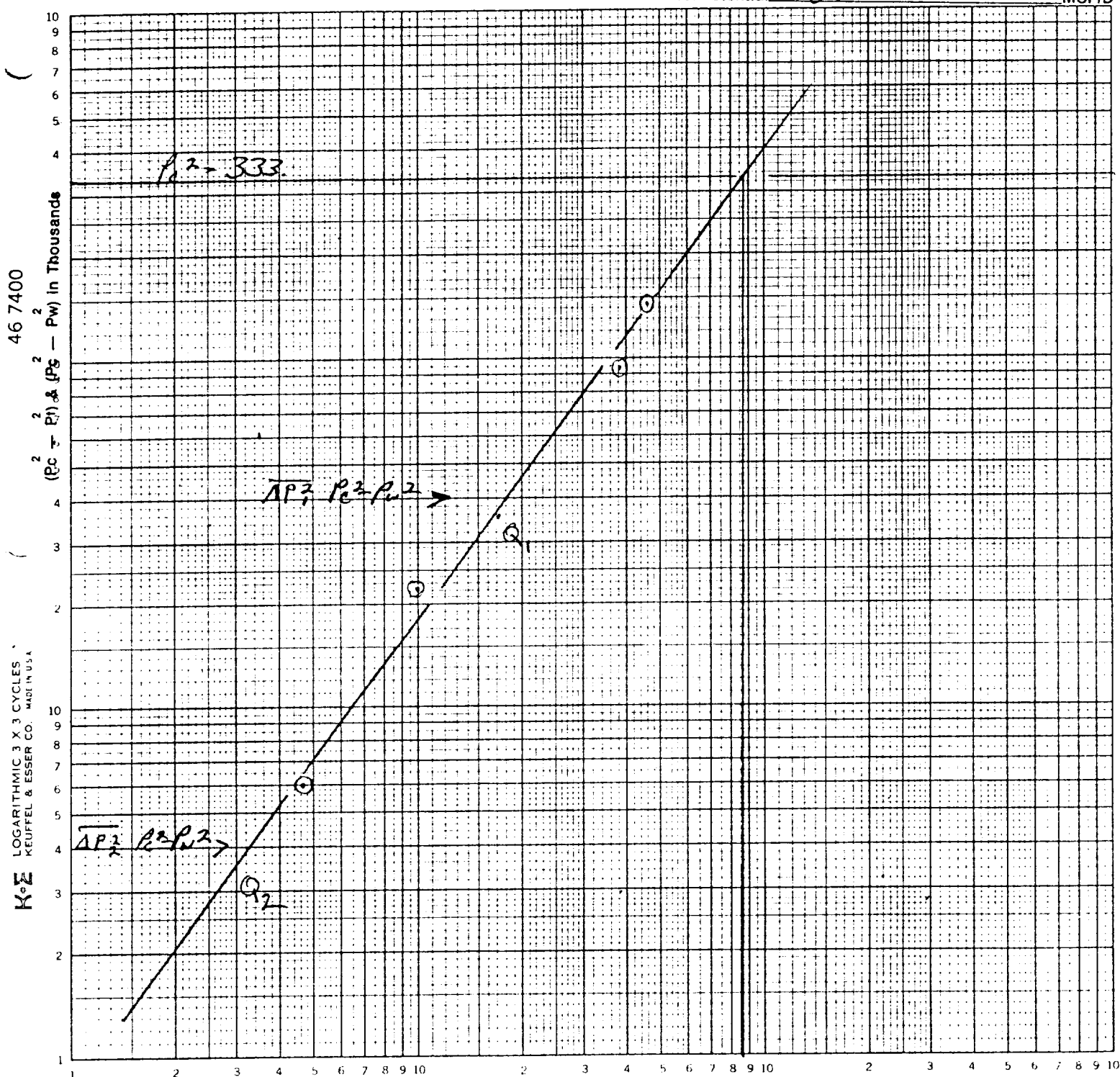


BACK PRESSURE CURVE

Operator Stevens Operating Lease Mike Federal Co. Well No. 1
 County Chaves Field Pecos Slope Location 12 8 25
 Date of Test 11-19-84 Slope "n" .735 Angle of Slope 53.7

Calc. Abs. Potential 860.0

MCF/D



$$\frac{\Delta P_1^2}{\Delta P_2^2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{40}{4}$$

$$Q_1 = 181.0$$

$$Q_2 = 33.3$$

Q in MCF/Day

$$\text{LOG } Q_1 = 2.258$$

$$\text{LOG } Q_2 = 1.523$$

$$n = .735$$

"Let your Interest in Measurement be our Concern"



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 1119-16
Date Run 11/19/84
Date Sampled 11/19/84

Analysis For: STEVENS OPERATING CORP

Lease: Mike Federal Com. #1 Producer Stevens Operating Corp
Location Isler County Chaves State New Mexico
Purpose Well Test Sampled By R & C WRLN.
Sampling Temp. 39 °F Atmos Temp. 56 °F
Volume/day 426.6 MCF Formation ABO
Pressure on Bomb 409 PSIG; Line Pressure 422.2 PSIA PSIG

Gas Component			Analysis	Press. Base: 14.73
	Mol. %	Liq. %	GPM Per MCF	
Carbon Dioxide CO ₂	.015			BTU Dry <u>1057</u>
Oxygen O ₂	.026			BTU Wet <u>1041</u>
Nitrogen N ₂	7.396			Calc. Specific Gravity <u>.663</u>
Hydrogen Sulfide H ₂ S				
				@ Std. Press. 14.696
Methane C ₁	84.544		14.330	BTU Dry <u>1057</u>
Ethane C ₂	4.232		1.132	BTU Wet <u>1039</u>
Propane C ₃	1.758		.484	
Iso-Butane IC ₄	.307		.100	Calc. Vap. Press. #/Sq.In. <u></u>
Nor-Butane NC ₄	.699		.220	Reid Vap. Press. #/Sq.In. <u></u>
Iso-Pentane IC ₅	.236		.087	Z Factor <u>.9976</u>
Nor-Pentane NC ₅	.273		.097	N Value <u>1.3015</u>
Hexanes plus	.514		.237	Ave Mol Wt <u>19.1649</u>
Hexanes C ₆				Ave Cu Ft/Gal <u></u>
Heptanes				
Heptanes Plus C ₇ +				Run by <u>Jeffrey A. Propp</u>
				Calculated By <u>Jeffrey A. Propp</u>
Total	100.000		16.689	
Pentane + G.P.M.			.422	
Propane + GPM			1.227	Ethane + GPM <u>2.359</u>
5-lb Gasoline			1.021	

Remarks:

Distribution:

COMPANY: STEVENS OPERATING
LEASE: MIKE FEDERAL COM
FIELD: PECOS SLOPE
COUNTY: CHAVES
STATUS: FOUR POINT BACK PRESSURE TEST
PERFORATIONS FROM: 3827 ft
DEPTH: 3805 ft

ELEMENT# RFG8#21121
CLOCK# 31768
ELEMENT# RFG8#23060
CLOCK# 30996

START CLOCK 11/19/84
SET ELEMENT 11/19/84
WELL SHUT IN 11/06/84
TEST ENDED 11/19/84

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

CONTACT: MIKE VOWELL
WELL: #1
ZONE: ABO
STATE: NEW MEXICO
OPERATOR: DON BENNETT
TO: 3854 ft
TEMPERATURE: 100°F

ELEMENT RANGE: 5175 psig
CLOCK RANGE: 48 hrs
ELEMENT RANGE: 5225 psig
CLOCK RANGE: 48 hrs

08:33:00 560 psig
09:04:00 550 psig
12:00:00 0 psig
15:45:00 410 psig

BIAS= 2 psi
BAROMETRIC PRESSURE= 13.2 psia

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

PRESSURE TRANSIENT TEST DATA

COMPANY: STEVENS OPERATING
 LEASE: MIKE FEDERAL COM
 FIELD: PECOS SLOPE
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: MIKE VOWELL
 WELL: #1
 ZONE: ABC
 STATE: NEW MEXICO
 OPERATOR: DON BENNETT

PERFORATIONS FROM: 3,827.0'
 ELEMENT DEPTH: 3,805.0'

TO: 3,854.0'
 TEMPERATURE: 100.0°F

ELEMENT: RPO3#21121
 CLOCK: 31768
 ELEMENT: RPO3#23060
 CLOCK: 30996

RANGE: 5175 psig
 RANGE: 48 hrs
 RANGE: 5225 psig
 RANGE: 48 hrs

SURFACE PRESSURE MEASUREMENTS

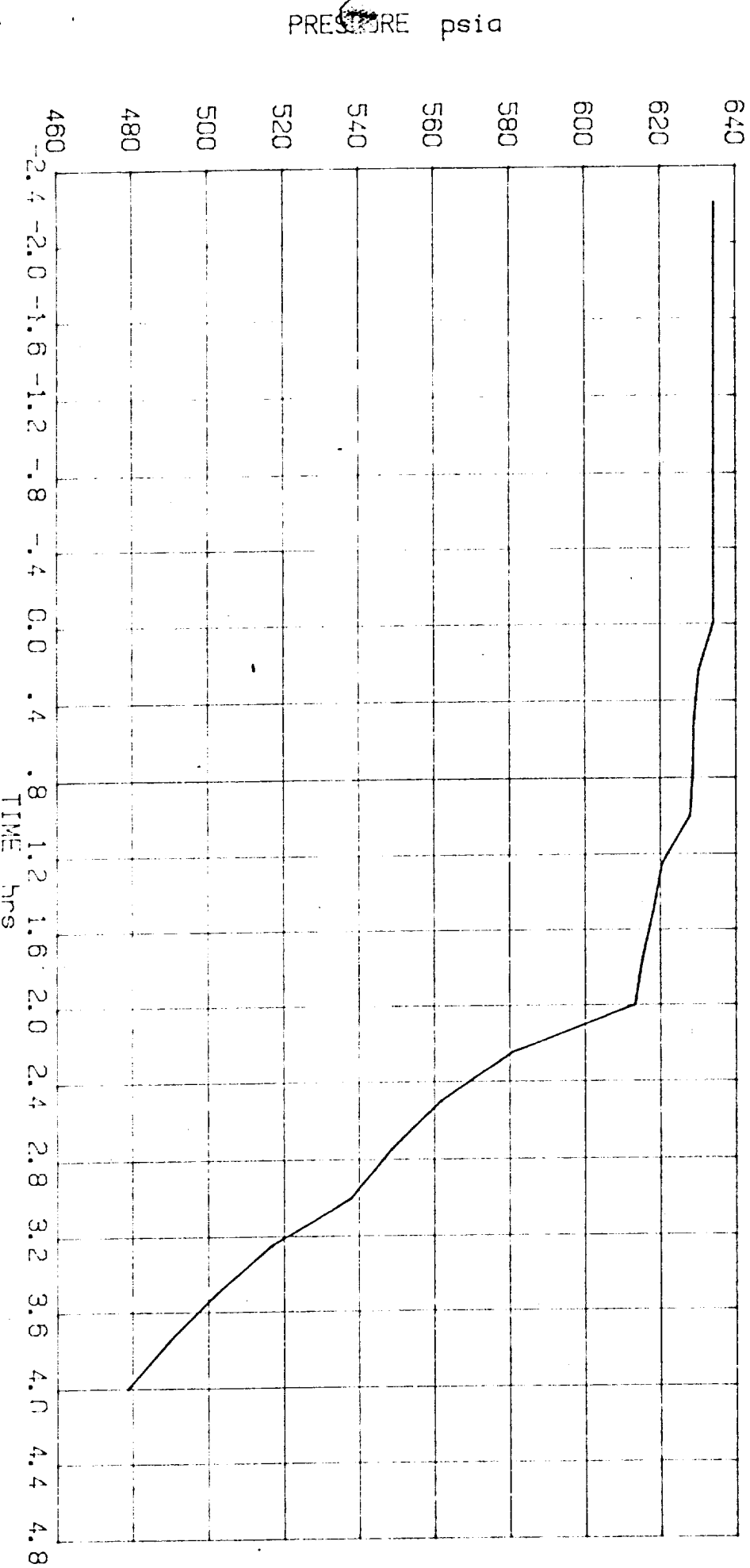
EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	11/19/84	08:33:00	550.0 psig
SET ELEMENT	11/19/84	09:04:00	560.0 psig
WELL SHUT IN	11/06/84	12:00:00	0.0 psig
END OF TEST	11/19/84	15:45:00	410.0 psig

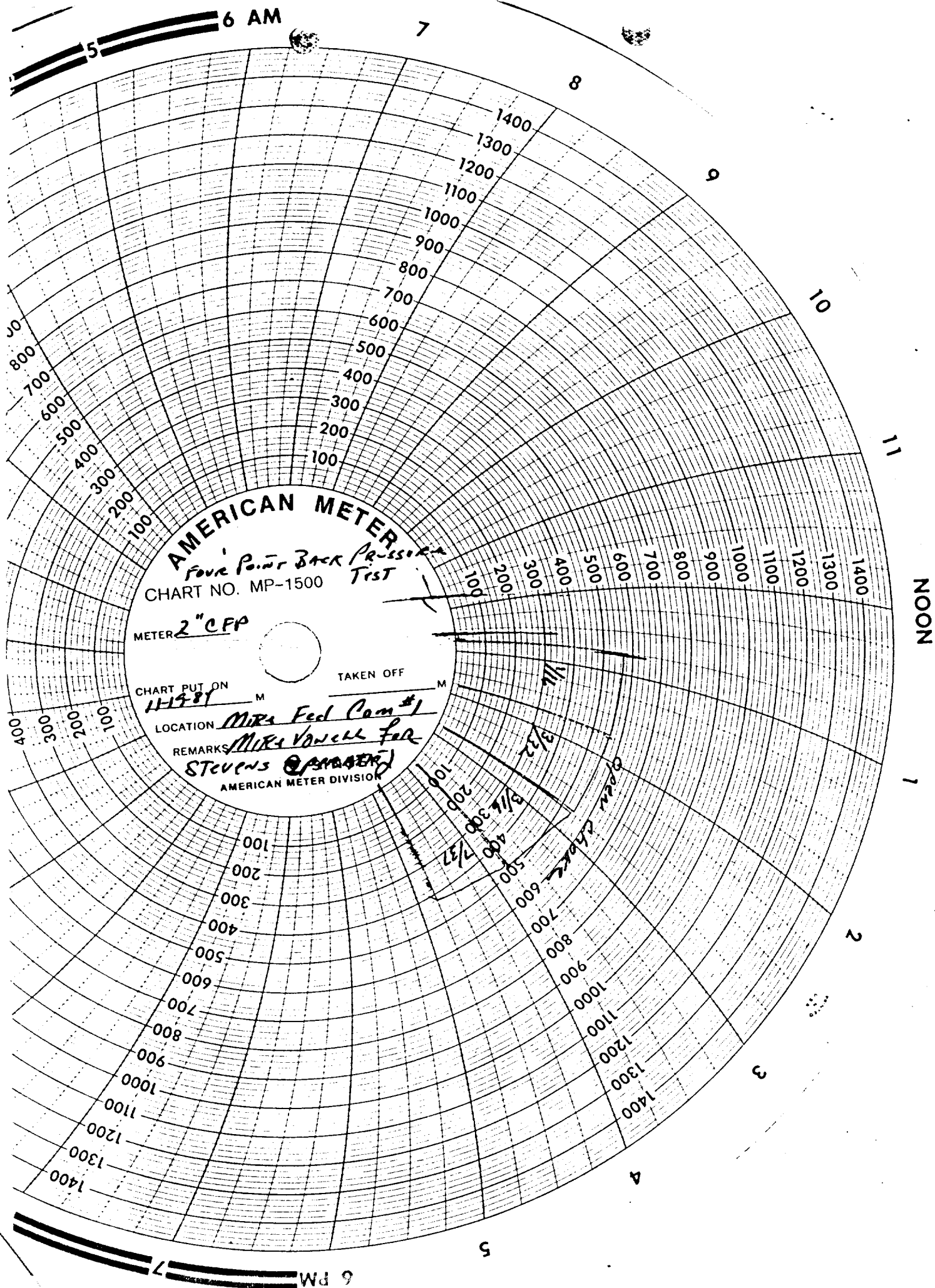
SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/19/84	09:32:24	-2.210	619.2	632.4	634.4
11/19/84	11:45:00	0.000	618.9	632.1	634.1
11/19/84	11:59:59	.250	615.0	629.2	630.2
11/19/84	12:15:01	.500	613.7	626.9	628.9
11/19/84	12:29:59	.750	613.5	626.7	628.7
11/19/84	12:45:01	1.000	612.7	625.9	627.9
11/19/84	13:00:00	1.250	605.4	618.6	620.6
11/19/84	13:15:05	1.501	603.1	616.3	618.3
11/19/84	13:30:04	1.751	600.2	613.4	615.4
11/19/84	13:44:59	2.000	598.1	611.3	613.3
11/19/84	14:00:01	2.250	595.5	608.7	610.7
11/19/84	14:14:59	2.500	596.8	609.0	612.0
11/19/84	14:30:01	2.750	593.5	606.7	608.7
11/19/84	14:45:00	3.000	522.8	526.0	528.0
11/19/84	14:59:59	3.250	501.7	514.9	516.9
11/19/84	15:15:01	3.500	487.1	500.3	502.3
11/19/84	15:29:59	3.750	474.6	487.8	489.8
11/19/84	15:45:01	4.000	463.7	476.9	478.9

TEST DATE: 11/19/84 TO 11/19/84
TEST DEPTH: 3805 ft
ELEMENT NO: RPC3#23060
RANGE: 5225 psig
CLOCK: 30996
RANGE: 48 hrs
OPERATOR: DON BENNETT

MIKE VOWELL
STEVENS OPERATING
MIKE FEDERAL COM #1
BENNETT-CATHEY WIRE LINE SERVICE Box 787 Artesia, N.M. 88210 (505) 748-3354





COMPANY: STEVENS OPERATING
LEASE: MIKE FEDERAL COM
FIELD: PECOS SLOPE
COUNTY: CHAVES
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST
PERFORATIONS FROM: 3827 ft
DEPTH: 3805 ft

CONTACT: MIKE VOWELL
WELL: #1
ZONE: ABO
STATE: NEW MEXICO
OPERATOR: BO FAULKENBERRY
TO: 3854 ft
TEMPERATURE: 100°F

ELEMENT# RPG3#21121
CLOCK# 31768
ELEMENT# RPG3#23060
CLOCK# 30996

ELEMENT RANGE: 5175 psig
CLOCK RANGE: 48 hrs
ELEMENT RANGE: 5225 psig
CLOCK RANGE: 48 hrs

START CLOCK 11/19/84
SET ELEMENT 11/19/84
WELL SHUT IN 11/19/84
TEST ENDED 11/20/84

08:33:00 560 psig
09:04:00 560 psig
15:45:00 410 psig
17:11:00 596 psig

GAIN= 1
FILE: MIKE-BU-3:D701

BIAS= 2 psi
BAROMETRIC PRESSURE= 13.2 psia

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

PRESSURE TRANSIENT TEST DATA

COMPANY: STEVENS OPERATING
 LEASE: MIKE FEDERAL COM
 FIELD: PECOS SLOPE
 COUNTY: CHAVES
 STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST

CONTACT: MIKE VOWELL
 WELL: #1
 ZONE: ABC
 STATE: NEW MEXICO
 OPERATOR: BO FAULKNERBERRY

PERFORATIONS FROM: 3,827.0'
 ELEMENT DEPTH: 3,805.0'

TO: 3,854.0'
 TEMPERATURE: 100.0°F

ELEMENT: RPO3#21121
 CLOCK: 31755
 ELEMENT: RPO3#23060
 CLOCK: 30955

RANGE: 5175 psig
 RANGE: 48 hrs
 RANGE: 5225 psig
 RANGE: 48 hrs

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	11/19/84	08:33:00	560.0 psig
SET ELEMENT	11/19/84	09:04:00	560.0 psig
WELL SHUT IN	11/19/84	15:45:00	410.0 psig
END OF TEST	11/20/84	17:11:00	596.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/19/84	15:45:00	0.000	464.2	477.4	479.4
11/19/84	15:50:00	.083	485.1	498.3	500.3
11/19/84	15:55:00	.167	498.8	512.0	514.0
11/19/84	16:00:00	.250	508.9	522.1	524.1
11/19/84	16:05:00	.333	516.6	529.8	531.8
11/19/84	16:10:00	.417	523.7	536.9	538.9
11/19/84	16:15:00	.500	529.9	543.1	545.1
11/19/84	16:20:00	.583	533.9	547.1	549.1
11/19/84	16:25:00	.667	537.4	550.6	552.6
11/19/84	16:30:00	.750	540.4	553.6	555.6
11/19/84	16:35:00	.833	543.4	556.6	558.6
11/19/84	16:40:00	.917	546.8	560.0	562.0
11/19/84	16:45:00	1.000	550.2	563.4	565.4
11/19/84	17:00:00	1.250	555.2	568.4	570.4
11/19/84	17:15:00	1.500	561.4	574.6	576.6
11/19/84	17:30:00	1.750	566.8	580.0	582.0
11/19/84	17:45:00	2.000	571.1	584.3	586.3
11/19/84	18:00:00	2.250	574.4	587.6	589.6
11/19/84	18:15:00	2.500	577.4	590.6	592.6
11/19/84	18:30:00	2.750	580.3	593.5	595.5
11/19/84	18:45:00	3.000	583.1	596.3	598.3
11/19/84	19:00:00	3.250	585.3	598.5	600.5

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-2354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/19/84	19:15:00	9.500	587.6	600.8	602.8
11/19/84	19:30:00	9.750	590.1	603.3	605.3
11/19/84	19:45:00	4.000	592.2	605.4	607.4
11/19/84	20:00:00	4.250	593.6	606.8	608.3
11/19/84	20:15:00	4.500	594.9	608.1	610.1
11/19/84	20:30:00	4.750	595.9	610.1	612.1
11/19/84	20:45:00	5.000	598.9	612.1	614.1
11/19/84	21:00:00	5.250	600.6	613.8	615.8
11/19/84	21:15:00	5.500	601.9	615.1	617.1
11/19/84	21:30:00	5.750	603.3	616.5	618.5
11/19/84	21:45:00	6.000	604.6	617.8	619.8
11/19/84	22:00:00	6.250	606.0	619.2	621.2
11/19/84	22:15:00	6.500	607.3	620.5	622.5
11/19/84	22:30:00	6.750	608.6	621.8	623.8
11/19/84	22:45:00	7.000	610.0	623.2	625.2
11/19/84	23:00:00	7.250	611.1	624.3	625.9
11/19/84	23:15:00	7.500	612.0	625.2	627.1
11/19/84	23:30:00	7.750	613.0	626.2	628.2
11/19/84	23:45:00	8.000	613.9	627.1	629.1
11/20/84	00:00:00	8.250	614.8	628.0	630.0
11/20/84	00:15:00	8.500	615.7	628.9	630.9
11/20/84	00:30:00	8.750	616.5	629.7	631.7
11/20/84	00:45:00	9.000	617.4	630.6	633.6
11/20/84	01:00:00	9.250	618.2	631.4	633.4
11/20/84	01:15:00	9.500	619.1	632.3	634.3
11/20/84	01:30:00	9.750	620.1	633.3	635.3
11/20/84	01:45:00	10.000	621.1	634.3	636.3
11/20/84	02:00:00	10.250	622.1	635.3	637.3
11/20/84	02:15:00	10.500	623.0	636.2	638.2
11/20/84	02:30:00	10.750	624.0	637.2	639.2
11/20/84	02:45:00	11.000	625.0	638.2	640.2
11/20/84	03:00:00	11.250	625.9	639.1	641.1
11/20/84	03:15:00	11.500	626.8	640.0	642.0
11/20/84	03:30:00	11.750	627.6	640.8	642.8
11/20/84	03:45:00	12.000	628.5	641.7	643.7
11/20/84	04:00:00	12.250	629.4	642.6	644.6
11/20/84	04:15:00	12.500	630.3	643.5	645.5
11/20/84	04:30:00	12.750	631.2	644.4	646.4
11/20/84	04:45:00	13.000	632.0	645.2	647.2
11/20/84	05:00:00	13.250	632.7	645.9	647.9
11/20/84	05:15:00	13.500	633.2	646.4	648.4
11/20/84	05:30:00	13.750	633.8	647.0	649.0
11/20/84	05:45:00	14.000	634.3	647.5	649.5
11/20/84	06:00:00	14.250	634.9	648.1	650.1
11/20/84	06:15:00	14.500	635.4	648.6	650.6
11/20/84	06:30:00	14.750	635.1	649.3	651.3

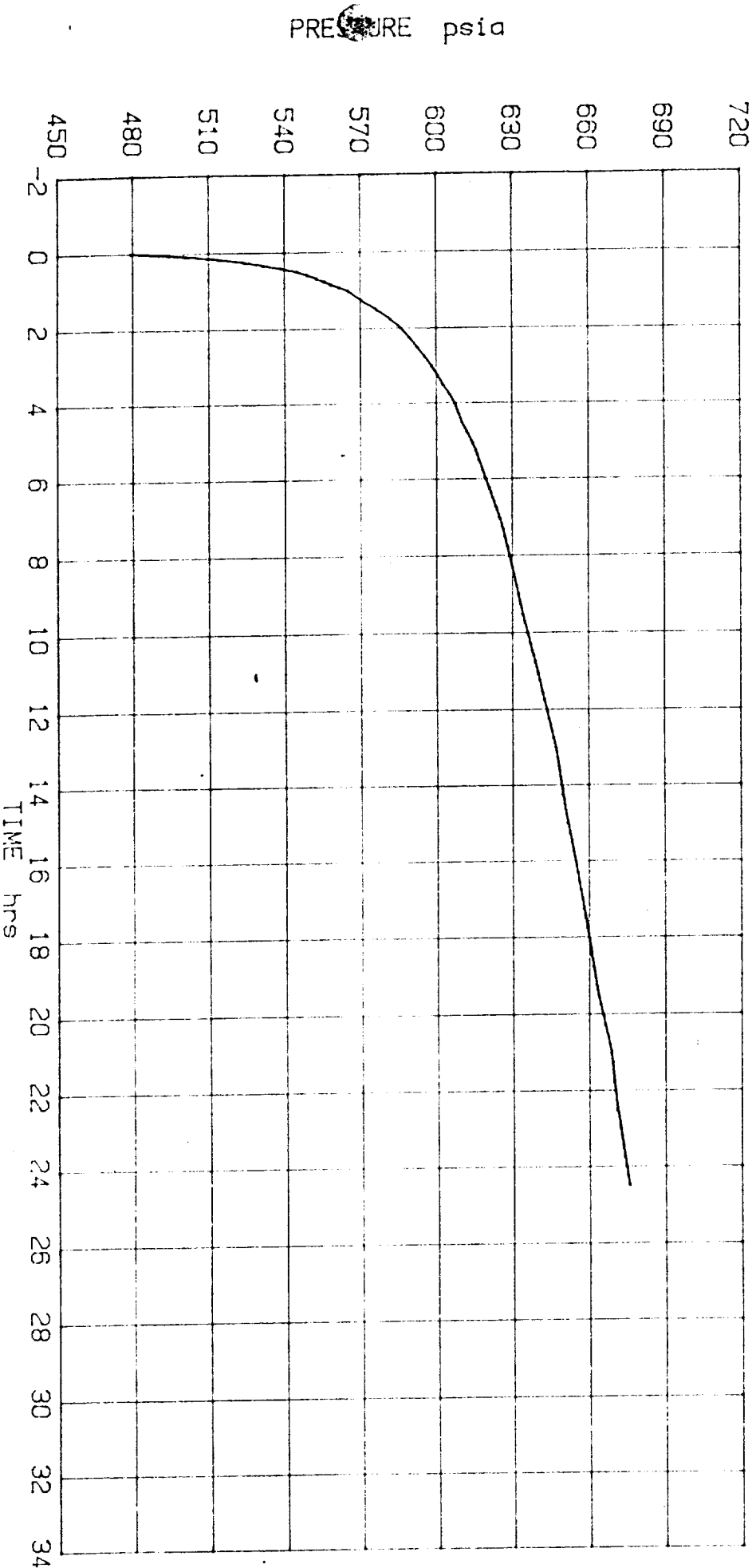
BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 748-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA
 SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
11/20/84	06:45:00	15.000	636.8	650.0	652.0
11/20/84	07:00:00	15.250	637.6	650.8	652.3
11/20/84	07:15:00	15.500	638.3	651.5	653.5
11/20/84	07:30:00	15.750	639.0	652.2	654.2
11/20/84	07:45:00	16.000	639.8	653.0	655.0
11/20/84	08:00:00	16.250	640.4	653.6	655.6
11/20/84	08:15:00	16.500	641.1	654.3	656.3
11/20/84	08:30:00	16.750	641.7	654.9	656.9
11/20/84	08:45:00	17.000	642.4	655.6	657.6
11/20/84	09:00:00	17.250	643.0	656.2	658.2
11/20/84	09:15:00	17.500	643.7	656.9	658.9
11/20/84	09:30:00	17.750	644.3	657.5	659.5
11/20/84	09:45:00	18.000	645.0	658.2	660.2
11/20/84	10:00:00	18.250	645.6	658.8	660.8
11/20/84	10:15:00	18.500	646.2	659.4	661.4
11/20/84	10:30:00	18.750	646.7	659.9	661.9
11/20/84	10:45:00	19.000	647.3	660.5	662.5
11/20/84	11:00:00	19.250	647.9	661.1	663.1
11/20/84	11:15:00	19.500	648.6	661.8	663.8
11/20/84	11:30:00	19.750	649.5	662.7	664.7
11/20/84	11:45:00	20.000	650.4	663.6	665.6
11/20/84	12:00:00	20.250	651.2	664.4	666.4
11/20/84	12:15:00	20.500	652.1	665.3	667.3
11/20/84	12:30:00	20.750	653.0	666.2	668.2
11/20/84	12:45:00	21.000	653.7	666.9	668.9
11/20/84	13:00:00	21.250	654.1	667.3	669.3
11/20/84	13:15:00	21.500	654.6	667.8	669.8
11/20/84	13:30:00	21.750	655.0	668.2	670.2
11/20/84	13:45:00	22.000	655.4	668.6	670.6
11/20/84	14:00:00	22.250	655.8	669.0	671.0
11/20/84	14:15:00	22.500	656.2	669.4	671.4
11/20/84	14:30:00	22.750	656.8	670.0	672.0
11/20/84	14:45:00	23.000	657.3	670.5	672.5
11/20/84	15:00:00	23.250	657.9	671.1	673.1
11/20/84	15:15:00	23.500	658.4	671.6	673.6
11/20/84	15:30:00	23.750	659.0	672.2	674.2
11/20/84	15:45:00	24.000	659.6	672.8	674.8
11/20/84	16:00:00	24.250	660.1	673.3	675.3
11/20/84	16:14:05	24.485	660.6	673.8	675.8

TEST DATE: 11/19/84 TO 11/20/84
TEST DEPTH: 3805 ft
ELEMENT NO: RFG3#23060
RANGE: 5225 psig
CLOCK: 30996
RANGE: 48 hrs
OPERATOR: BO FAULKENBERRY

MIKE VOWELL
STEVENS OPERATING
MIKE FEDERAL COM #1
BENNETT-CATHEY WIRE LINE SERVICE Box 787 Artesia, N.M. 88210 (505) 748-3354





BENN IT-CATHEY WIRE LINE SERVICE

P. O. BOX 787

ARTESIA, NEW MEXICO 88210

Phone (505) 746-3281



BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR STEVENS OPERATING
LEASE MIKE FEDERAL COM
WELL NO. # 1
POOL FORMATION
DATE 11-20-84 TIME 1711 HOUR
CO. MAN MIKE VOWELL
STATUS SHUT IN TEST DEPTH 3805 FEET
TIME S.I. 1545 HOUR LAST TEST DATE 1ST TEST
11-19-84 BHP LAST TEST
TUB. PRES. 609.2# BHP CHANGE
CAS. PRES. FLUID TOP
DATUM PLANE WATER TOP
DATUM PSIA 672.2# RUN BY TIM SHANNON
TEMP 100° CLOCK # B-3443
PRESSURE RANGE 5225 LBS.
ELEMENT NO. RPG3#23060

DEPTH	PSIA PRESSURE	LBS/100 FT GRADIENT
0	609.2	
1000	628.2	1.9
2000	643.2	1.5
3000	656.2	1.3
3655	667.2	1.6
3805	672.2	3.3
3840	674.2	5.7

3840 FEET WAS EXTRAPOLATED.

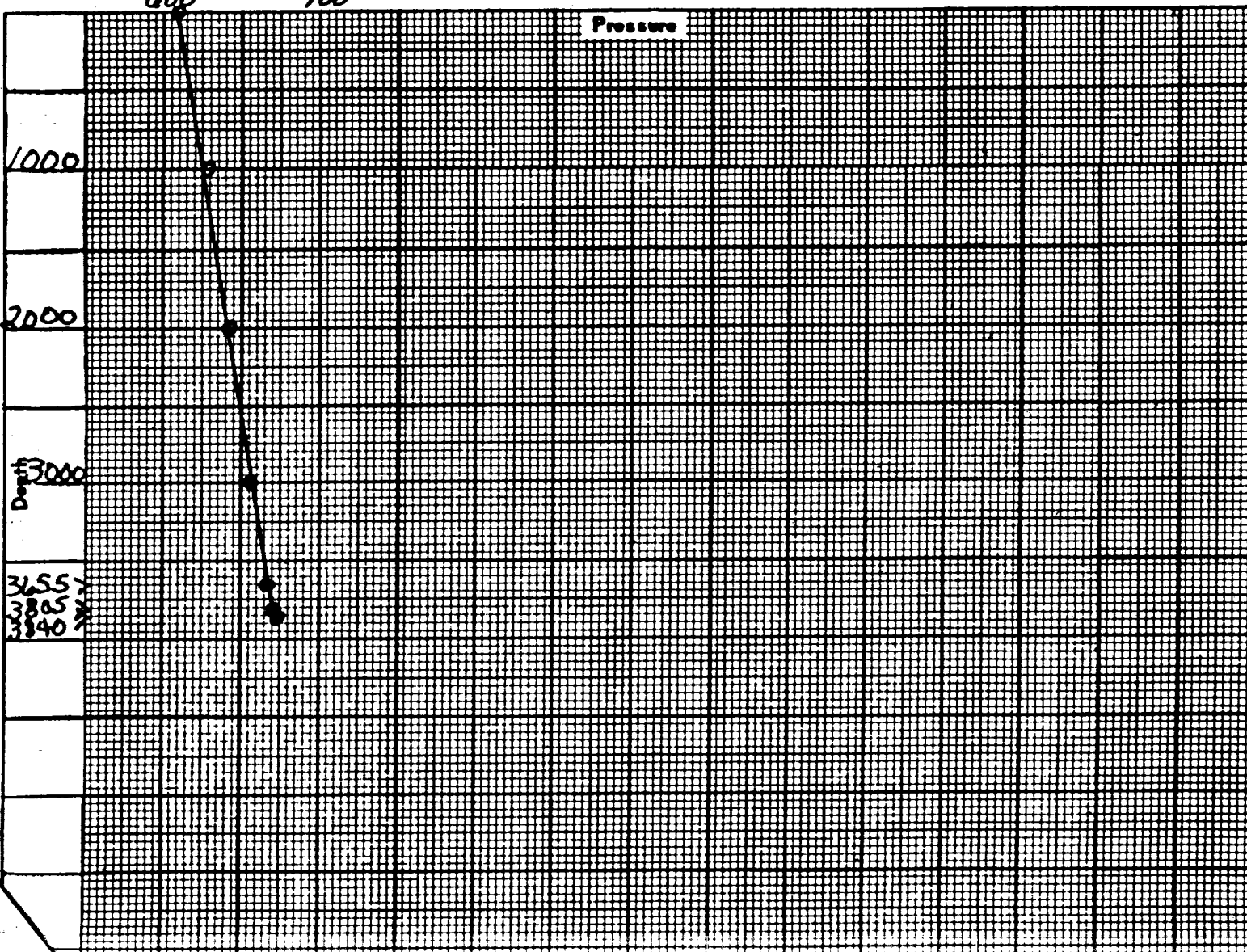
TIME B.H.P. MEASURED 1711 HOUR.

LENGTH OF TIME WELL SHUT IN 25HR
26MIN.

PERFORATIONS FROM 3827 TO 3854 FEET.

600 700

Pressure



COMPANY: STEVENS OPERATING
LEASE: MIKE FEDERAL COM
FIELD: PECOS SLOPE
COUNTY: CHAVES
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST

CONTACT: MIKE VOWELL
WELL: #1
ZONE: ABO
STATE: NEW MEXICO
OPERATOR: BO FAULKENBERRY

PERFORATIONS FROM: 3827 ft
DEPTH: 3805 ft

TO: 3854 ft
TEMPERATURE: 100°F

ELEMENT# RPG3#21121
CLOCK# 31768
ELEMENT# RPG3#23060
CLOCK# 30996

RANGE: 5175 psi
RANGE: 48 hrs
RANGE: 5225 psi
RANGE: 48 hrs

START CLOCK	11/19/84	09:33:00	560 psig
SET ELEMENT	11/19/84	09:04:00	560 psig
WELL SHOT IN	11/19/84	15:45:00	410 psig
TEST ENDED	11/20/84	17:11:00	596 psig

FILE: MIKE-BU-3:D701

C/qwf= 0 hrs/psi
Gain= 1
tsi= 0 hrs
tp= 55 hrs
Dt/tD= 1 hrs

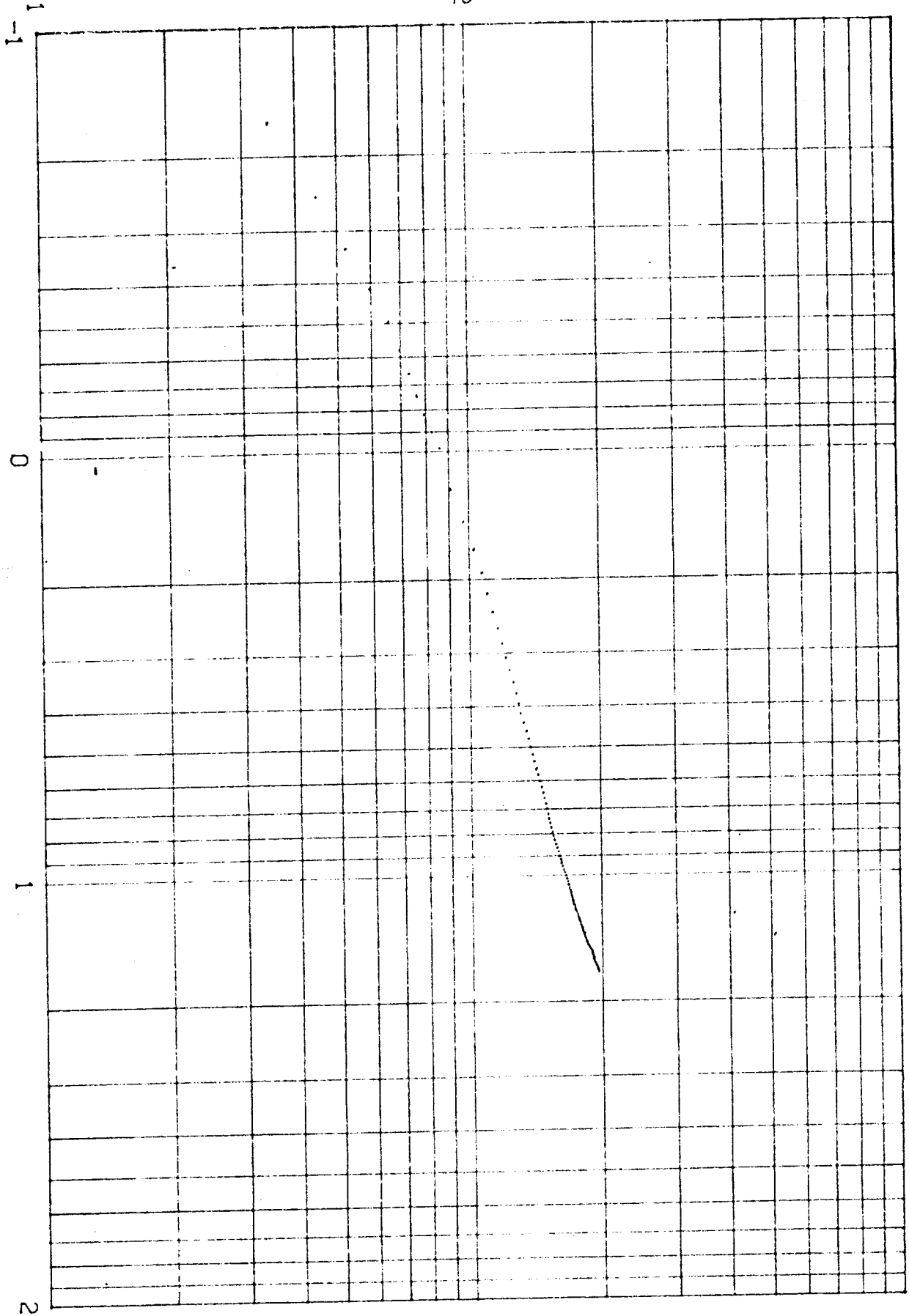
pA= 13.2 psia
Bias= 2 psi
pwf= 479.411 psia
dps= 0 psi
Dp/pD= 1 psi

LOG(Dp psi)

2

 ω

LOG(Dt hrs)



COMPANY: STEVENS OPERATING
LEASE: MIKE FEDERAL COM
FIELD: PECOS SLOPE
COUNTY: CHAVES
STATUS: BOTTOM HOLE PRESSURE BUILD UP TEST

CONTACT: MIKE VOWELL
WELL: #1
ZONE: ABO
STATE: NEW MEXICO
OPERATOR: BO FAULKNERBERRY

PERFORATIONS FROM: 3827 ft
DEPTH: 3805 ft

TO: 3854 ft
TEMPERATURE: 100°F

ELEMENT# RPC3#21121
CLOCK# 31768
ELEMENT# RPC3#23050
CLOCK# 30996

RANGE: 5175 psi
RANGE: 48 hrs
RANGE: 5225 psi
RANGE: 48 hrs

START CLOCK	11/19/84	08:33:00	560 psi _g
SET ELEMENT	11/19/84	09:04:00	560 psi _g
WELL SHUT IN	11/19/84	15:45:00	410 psi _g
TEST ENDED	11/20/84	17:11:00	596 psi _g

FILE: MIKE-BU-3:D701

C/dwf= 0 hrs/psi
Gain= 1
tsi= 0 hrs
td= 55 hrs
m= 0 psi/cycle

SA= 13.2 psi_a
Bias= 2 psi
dwf= 479.411 psi_a
cdf= 0 psi
D*= 0 psi_a

p psia

