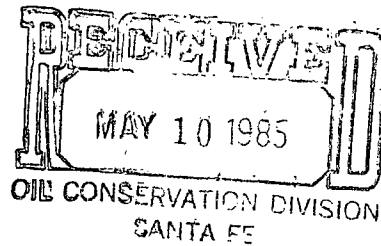


FRED POOL, JR.

May 8, 1985

P. O. Box 1393
Roswell, NM 88201



Mr. Gilbert Quitana
P.O.Box 2088
Santa Fe, New Mexico 87501

Re: Eastland State No. 3
Gas well

Dear Mr. Quitana,

I am requesting a simultaneous dedication of acreage
for an allowable for the above well.

Enclosed are completion forms for the Eastland State
No. 3 well. I have also enclosed plats of the Eastland
State No. 1 and the Eastland State No. 3 well.

If you need additional information, I will be happy to
send it to you.

Sincerely,

Fred Pool, Jr.

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-4-85	
Company FRED POOL DRILLING INC.				Connection TO AIR			
Pool FWOR RANCH				Formation PENN			
Completion Date 3-15-85		Total Depth 6080.		Plug Back To 6020		Elevation 0	
Form or Lease Name EASTLAND STATE							
Casing Size 5.500	Wt. 17.0	d 4.892	Set At 6080.	Perforations: From 5854 To 6014		Well No. 3	
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 5754	Perforations: From 0 To 0		Unit Sec. Twp. Rge. 13 192 26E	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packoff Set At 5754.		County CHAVES	
Producing Thru TUBING		Reservoir Temp. °F 127 @ 5934		Mean Annual Temp. °F 60.0		Baro. Press. - P _a 13.2	
State NEW MEXICO							
L 5934	H 5934	Gg 0.635	% CO ₂ 2.44	% N ₂ 3.62	% H ₂ O 0	Prover 2.0	Motor Run 0
Taps 0							

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.		CHOKE
51							1837.2	2175	127		72.0
1.	2.00 X 0.063			1775	0	68	1775.2	2107	127	24/64	1.0
2.	2.00 X 0.125			1545	0	70	1545.2	1835	127	24/64	1.0
3.	2.00 X 0.188			1015	0	69	1015.2	1357	127	24/64	1.0
4.	2.00 X 0.219			676	0	74	676.2	1046	127	24/64	1.0
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	1788.2	0.9924	1.2549	1.1326	161
2	0.26	0	1558.2	0.9905	1.2549	1.1182	572
3	0.61	0	1028.2	0.9915	1.2549	1.0828	841
4	0.84	0	689.2	0.9868	1.2549	1.0537	753
5							

NO.	P _t	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1	2.65	528	1.49	0.780	0	
2	2.31	530	1.49	0.800	0	
3	1.52	529	1.49	0.853	0.635	XXXXXXX
4	1.02	534	1.50	0.901	XXXXXX	0.635
5						

A.P.I. Gravity of Liquid Hydrocarbons 0.635		Specific Gravity Separator Gas XXXXX	
Specific Gravity Flowing Fluid XXXXX		Critical Pressure 675 P.S.I.A.	
Critical Temperature 355 °R		P.S.I.A. 355	

$P_c = 1866.5$ $P_w^2 = 3484$	$P_c^2 = 3484$	$P_w^2 = 3484$	$P_c^2 - P_w^2 = 210$
1	4495	1809	3274
2	3416	1581	2500
3	1877	1179	1391
4	1122	916	839
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.6643$$

$$AOR = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1213$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4429$$

Absolute Open Flow 1213	Mcf @ 15.025	Angle of Slope ° 54.3	Slope, n 0.719
Remarks:			

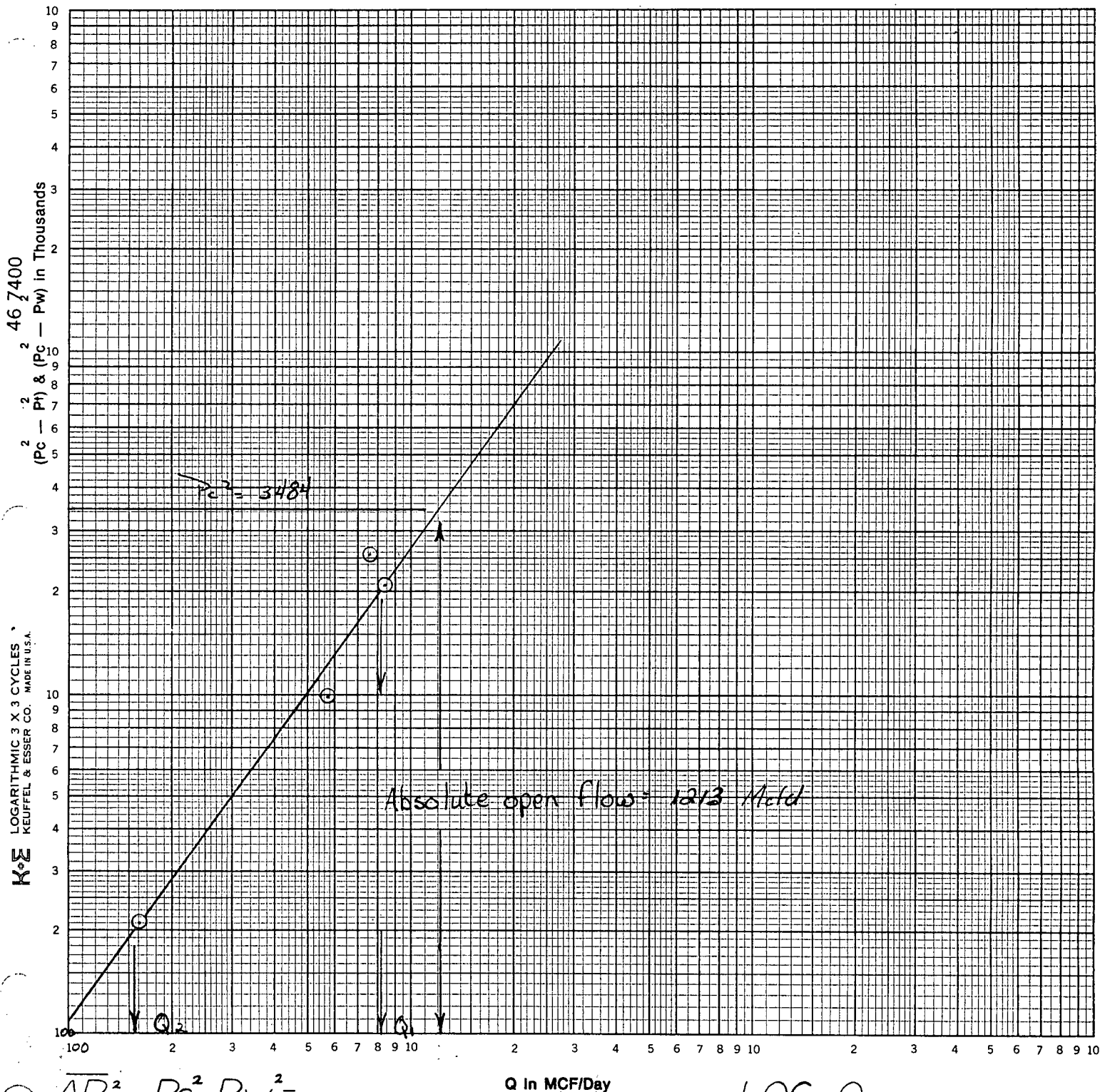
Approved By Commission BENNETT & CATHEY	Conducted By RICHARD TOWNLEY	Calculated By RICHARD TOWNLEY	Checked By
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BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Poor Luck
Pge Pennine
R-7048

Operator Fred Ford Drilling Inc. Lease East land State Well No. 13
 County Chaves Field Furn Ranch Location 13 19S 26E
 Date of Test 5-4-85 Slope "n" 0.719 Angle of Slope 54.3

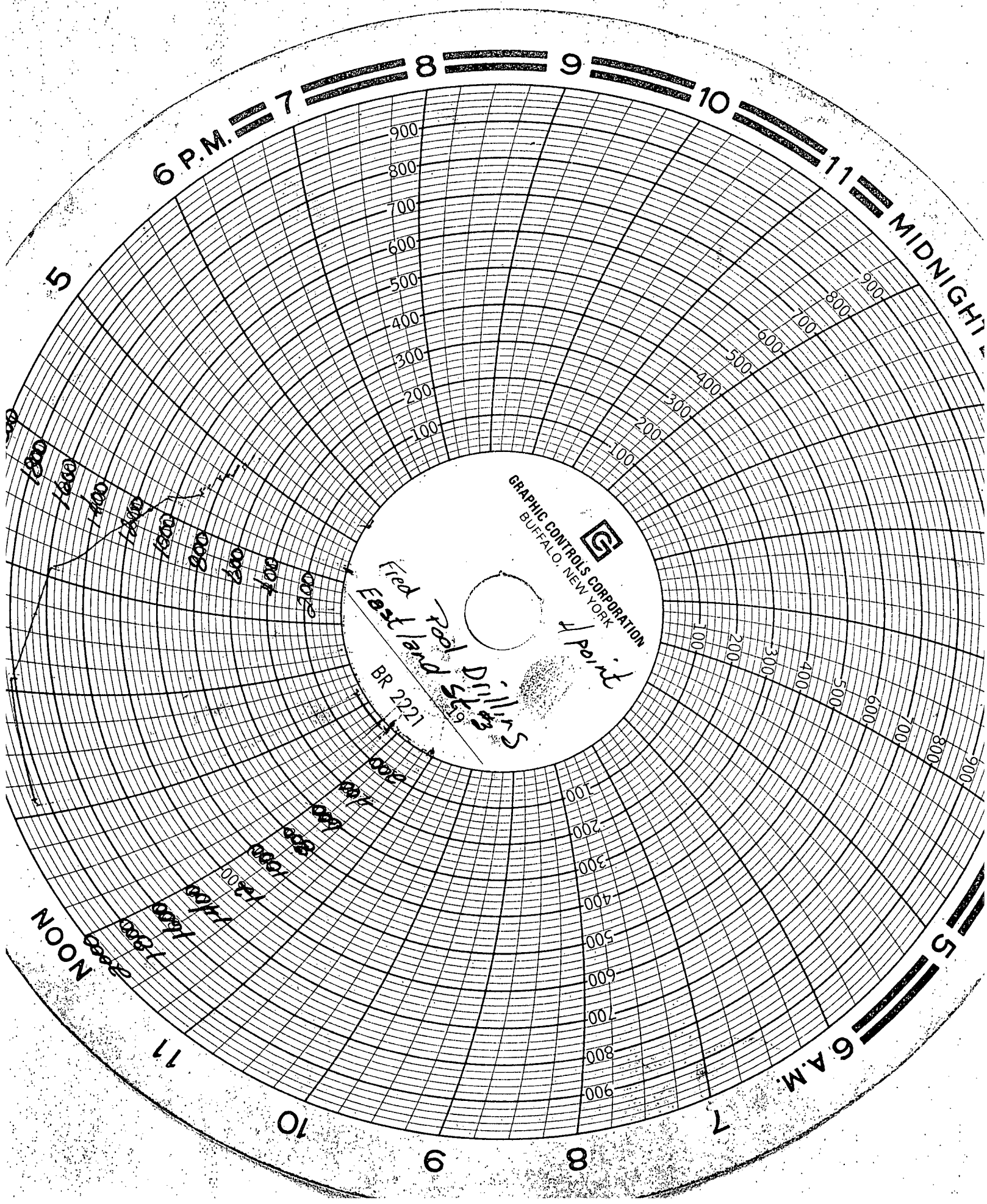
Calc. Abs. Potential 1213 MCF/D



$$\begin{aligned} \overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 &= 2000 \\ \overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 &= 200 \\ Q_1 &= 817 \\ Q_2 &= 156 \end{aligned}$$

Q In MCF/Day

$$\begin{aligned} \text{LOG } Q_1 &= 2.912 \\ \text{LOG } Q_2 &= 2.193 \\ n &= 0.719 \end{aligned}$$



COMPANY: FRED POOL DRILLING INC.
LEASE: EASTLAND STATE
FIELD: PECOS SLOPE
COUNTY: CHAVES
STATUS: FOUR POINT BACK PRESSURE TEST
PERFORATIONS FROM: 5854 ft
DEPTH: 5754 ft

CONTACT: FRED POOL
WELL: 3
ZONE: PENN
STATE: New Mexico
OPERATOR: STEVE
TO: 6014 ft
TEMPERATURE: 127°F

ELEMENT# RPG3#
CLOCK#
ELEMENT# RPG3#29353
CLOCK# 3443

ELEMENT RANGE: 0 psig
CLOCK RANGE: 0 hrs
ELEMENT RANGE: 6000 psig
CLOCK RANGE: 12 hrs

START CLOCK	05/03/85	11:44:00	1838 psig
SET ELEMENT	05/03/85	13:01:00	1838 psig
WELL SHUT IN	05/03/85	13:10:00	1838 psig
TEST ENDED	05/03/85	17:10:00	676 psig

GAIN= 1
FILE: FRED 2 :D701

BIAS= 11 psi
BAROMETRIC PRESSURE= 13.2 psia

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

PRESSURE TRANSIENT TEST DATA

COMPANY: FRED POOL DRILLING INC.

CONTACT: FRED POOL

LEASE: EASTLAND STATE

WELL: 3

FIELD: PECOS SLOPE

ZONE: PENN

COUNTY: CHAVES

STATE: New Mexico

STATUS: FOUR POINT BACK PRESSURE TEST

OPERATOR: STEVE

PERFORATIONS FROM: 5,854.0'

TO: 6,014.0'

ELEMENT DEPTH: 5,754.0'

TEMPERATURE: 127.0°F

ELEMENT: RPG3#

RANGE: 0 psig

CLOCK:

RANGE: 0 hrs

ELEMENT: RPG3#29353

RANGE: 6000 psig

CLOCK: 3443

RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

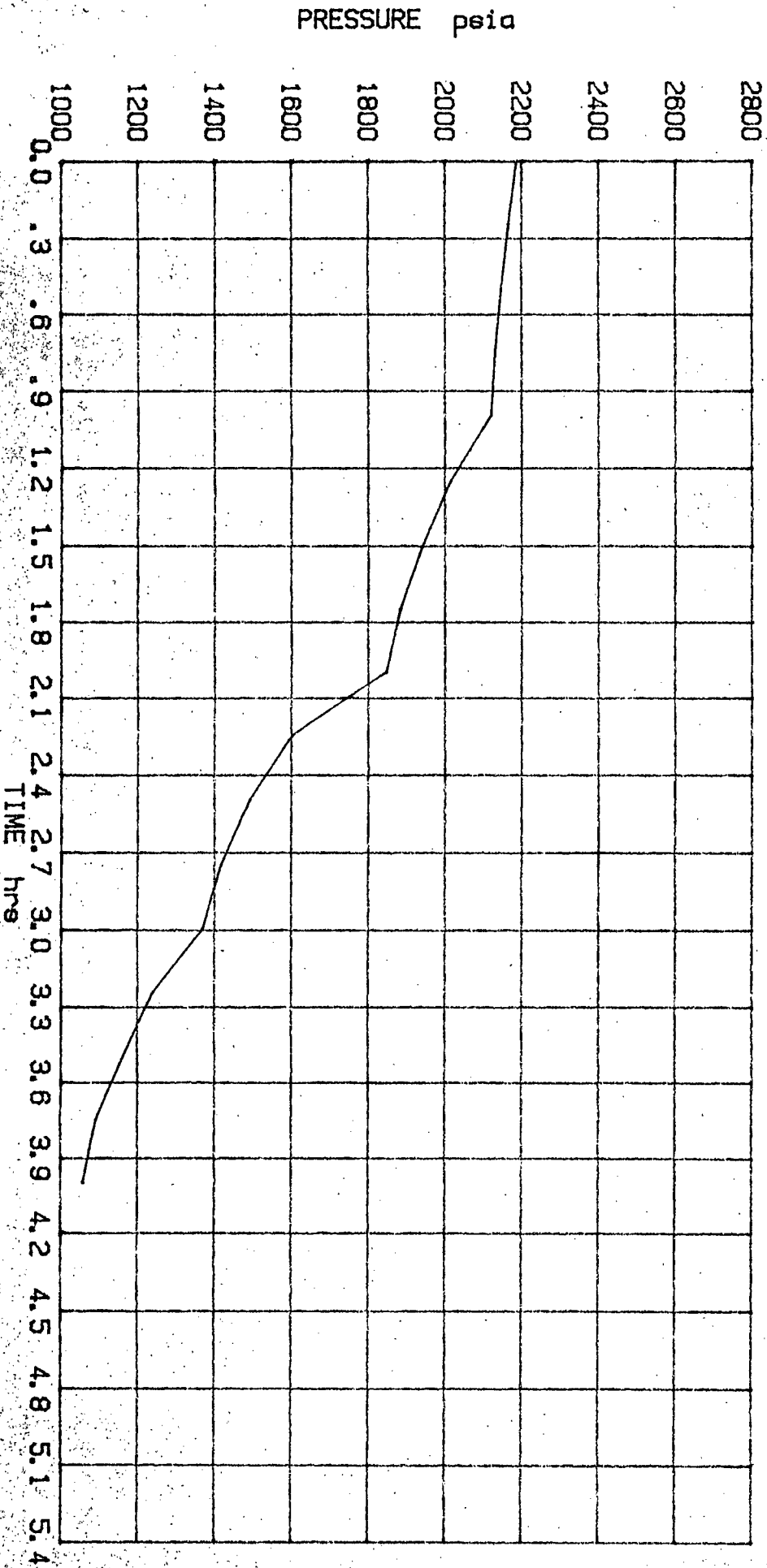
EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	05/03/85	11:44:00	1,838.0 psig
SET ELEMENT	05/03/85	13:01:00	1,838.0 psig
WELL SHUT IN	05/03/85	13:10:00	1,838.0 psig
END OF TEST	05/03/85	17:10:00	676.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
05/03/85	13:10:00	0.000	2,164.1	2,177.3	2,188.3
05/03/85	13:25:00	.250	2,141.7	2,154.9	2,165.9
05/03/85	13:40:00	.500	2,122.6	2,135.8	2,146.8
05/03/85	13:55:00	.750	2,107.1	2,120.3	2,131.3
05/03/85	14:10:00	1.000	2,095.8	2,109.0	2,120.0
05/03/85	14:25:00	1.250	1,992.8	2,006.0	2,017.0
05/03/85	14:40:00	1.500	1,919.1	1,932.3	1,943.3
05/03/85	14:55:00	1.750	1,861.1	1,874.3	1,885.3
05/03/85	15:10:00	2.000	1,824.1	1,837.3	1,848.3
05/03/85	15:25:00	2.250	1,578.8	1,592.0	1,603.0
05/03/85	15:40:00	2.500	1,468.3	1,481.5	1,492.5
05/03/85	15:55:00	2.750	1,394.0	1,407.2	1,418.2
05/03/85	16:10:00	3.000	1,346.2	1,359.4	1,370.4
05/03/85	16:25:00	3.250	1,214.6	1,227.8	1,238.8
05/03/85	16:40:00	3.500	1,138.5	1,151.7	1,162.7
05/03/85	16:55:00	3.750	1,068.9	1,082.1	1,093.1
05/03/85	17:10:00	4.000	1,034.9	1,048.1	1,059.1

TEST DATE: 05/03/85 TO 05/03/85
 TEST DEPTH: 5754 ft
 ELEMENT NO: RPC3#29353
 RANGE: 8000 psi
 CLOCK: 3443
 RANGE: 12 hrs
 OPERATOR: STEVE

FRED POOL
FRED POOL DRILLING INC.
EASTLAND STATE 3
BENNETT-CATHEY WIRE LINE SERVICE Box 787 Artesia, N.M. 88210 (505) 748-3354





BENNETT-CATHEY WIRE LINE SERVICE

P. O. BOX 787
ARTESIA, NEW MEXICO 88210
Phone (505) 746-3281

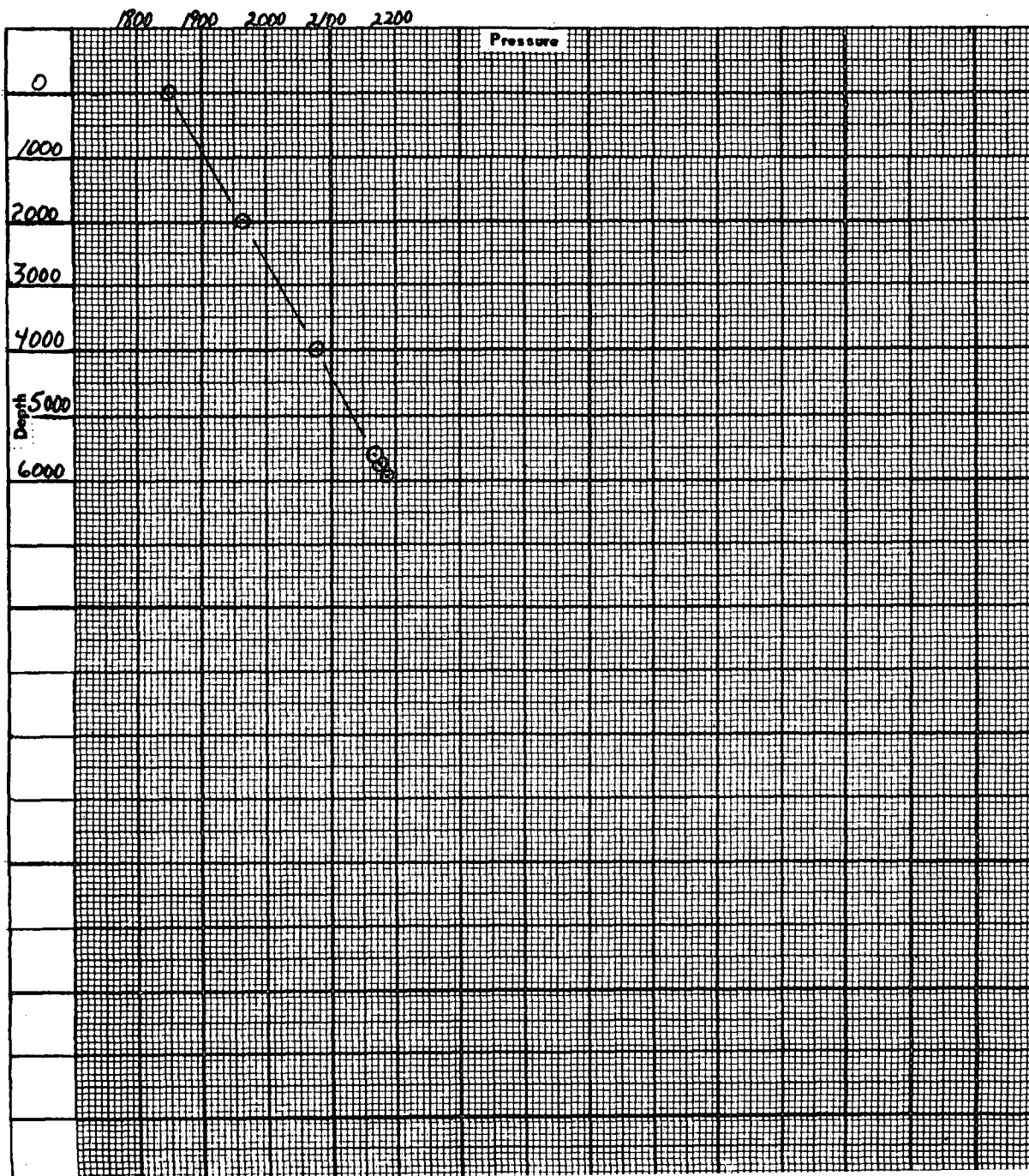


BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR FRED POOL DRILLING INC.
LEASE EASTLAND STATE
WELL NO. 3
POOL PECOS SLOPE FORMATION PENN
DATE 05-03-85 TIME 1301 HOURS
CO. MAN FRED POOL
STATUS SHUT IN TEST DEPTH 5754
TIME S.I. 1200 HRS LAST TEST DATE 04-29-85
BHP LAST TEST
TUB. PRES. 1851.2 BHP CHANGE
CAS. PRES. FLUID TOP
DATUM PLANE WATER TOP
DATUM PSIA RUN BY STEVE SILVERTA
TEMP 127 CLOCK # 3443
PRESSURE RANGE 6000
ELEMENT NO. RPG3#29353

DEPTH	PRESSURE	GRADIENT
0	1851.2	
2000	1965.2	5.7
4000	2079.2	5.7
5604	2168.2	5.6
5754	2177.2	6.0
EXTR. 5934	2188.2	6.1

TIME BHP MEASURED 1301 HRS. 05-03-85
LENGTH OF TIME WELL SHUT IN 97 HR 1 MIN



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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 5-4-85	
Company FRED POOL DRILLING INC.				Connection TO AIR	
Pool FWOR RANCH				Formation PENN	
Completion Date 3-15-85		Total Depth 6080.		Plug Back 1. 6020	
				Elevation 0	
Farm or Lease Name EASTLAND STATE				Unit J	
Case Size 5.500	Wt. 17.0	d 4.892	Set At 6080.	Perforations: From 5854 To 6014	
Thy. Size 2.375	Wt. 4.7	d 1.995	Set At 5754	Perforations: From 0 To 0	
Type Well - Single - Blindhead - G.G. or G.O. Multiple SINGLE				Packer Set At 5754.	
Producing thru TUBING		Reservoir Temp. °F 127 @ 5934		Mean Annual Temp. °F 60.0	
				Baro. Press. - P _a 13.2	
L 5934		H 5934	G _g 0.635	% CO ₂ 2.44	% N ₂ 3.62
				% H ₂ O 0	Prover 240
					Motor Run 0
					Taps 0

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.		CHOKE
51							1837.2	2175	127		72.0
1.	2.00 X 0.063			1775	0	68	1775.2	2107	127	24/64	1.0
2.	2.00 X 0.125			1545	0	70	1545.2	1835	127	24/64	1.0
3.	2.00 X 0.188			1015	0	69	1015.2	1357	127	24/64	1.0
4.	2.00 X 0.219			676	0	74	676.2	1046	127	24/64	1.0
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, Mcfd
1	0.06	0	1788.2	0.9924	1.2549	1.1326	161
2	0.26	0	1558.2	0.9905	1.2549	1.1182	572
3	0.61	0	1028.2	0.9915	1.2549	1.0828	841
4	0.84	0	689.2	0.9868	1.2549	1.0537	753
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1	2.65	528	1.49	0.780	0	
2	2.31	530	1.49	0.800	0	
3	1.52	529	1.49	0.853	0.635	XXXXXXX
4	1.02	534	1.50	0.901	XXXXX	0.635
5					675	675
					355	355

P _c 1866.5 P _c ² 3484				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1	4495	1809	3274	210
2	3416	1581	2500	984
3	1877	1179	1391	2093
4	1122	916	839	2645
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.6643}{1.6643 - 1.6643} = \dots$$

$$AOI = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1213$$

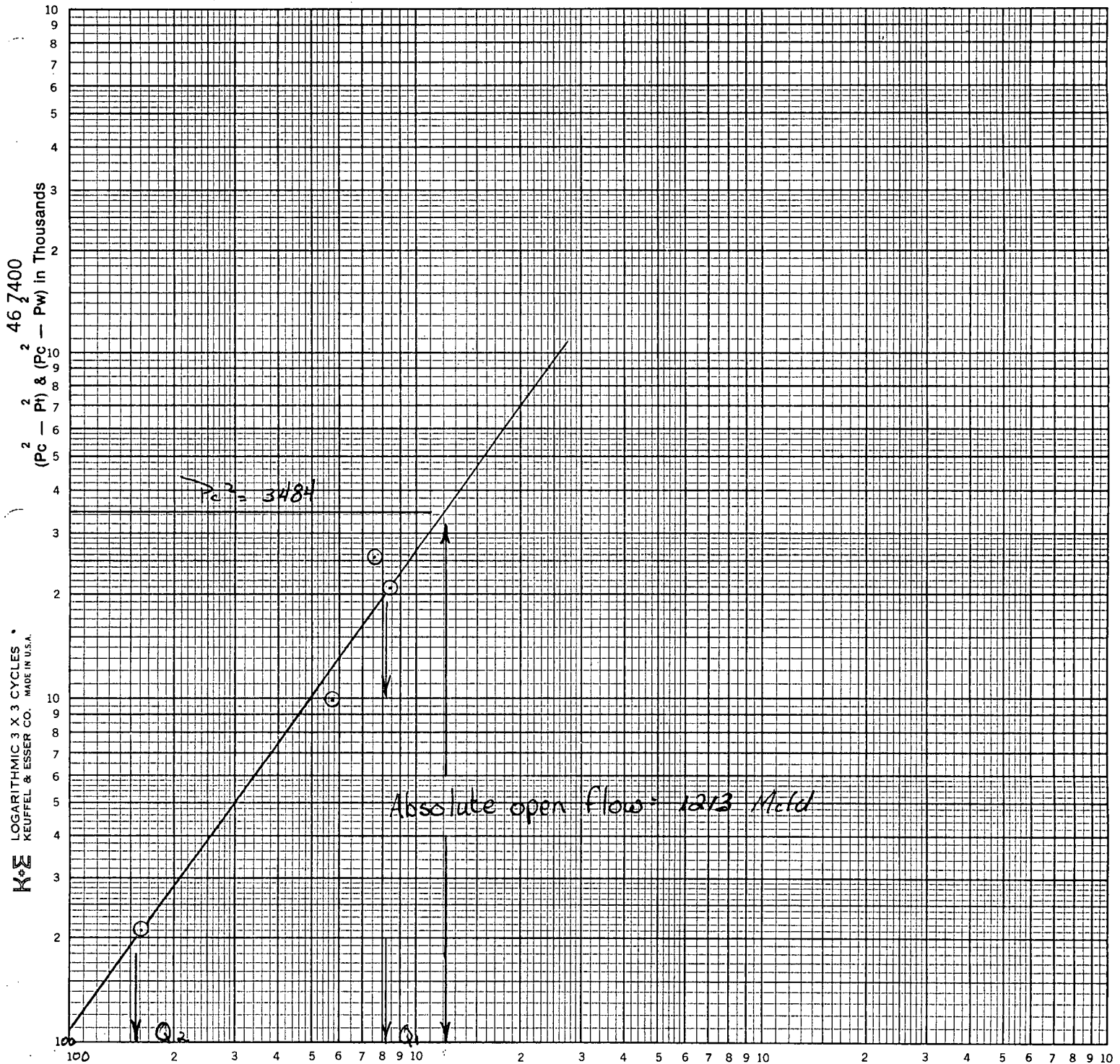
$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.4429}{1.4429 - 1.4429} = \dots$$

Absolute Open Flow	1213	Mcf @ 15.025	Angle of Slope °	54.3	Slope, n	0.719
Remarks:						

Approved By Commission:	Conducted By: BENNETT & CATHEY	Calculated By: RICHARD TOWNLEY	Checked By:
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BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Fred Ford Drilling Inc. Lease East Land State Well No. 3
 County Chaves Field Furn Ranch Location 13 19S 26E
 Date of Test 5-4-85 Slope "n" 0.719 Angle of Slope 54.3
 Calc. Abs. Potential 1213 MCF/D



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

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

$$Q_1 = \underline{817}$$

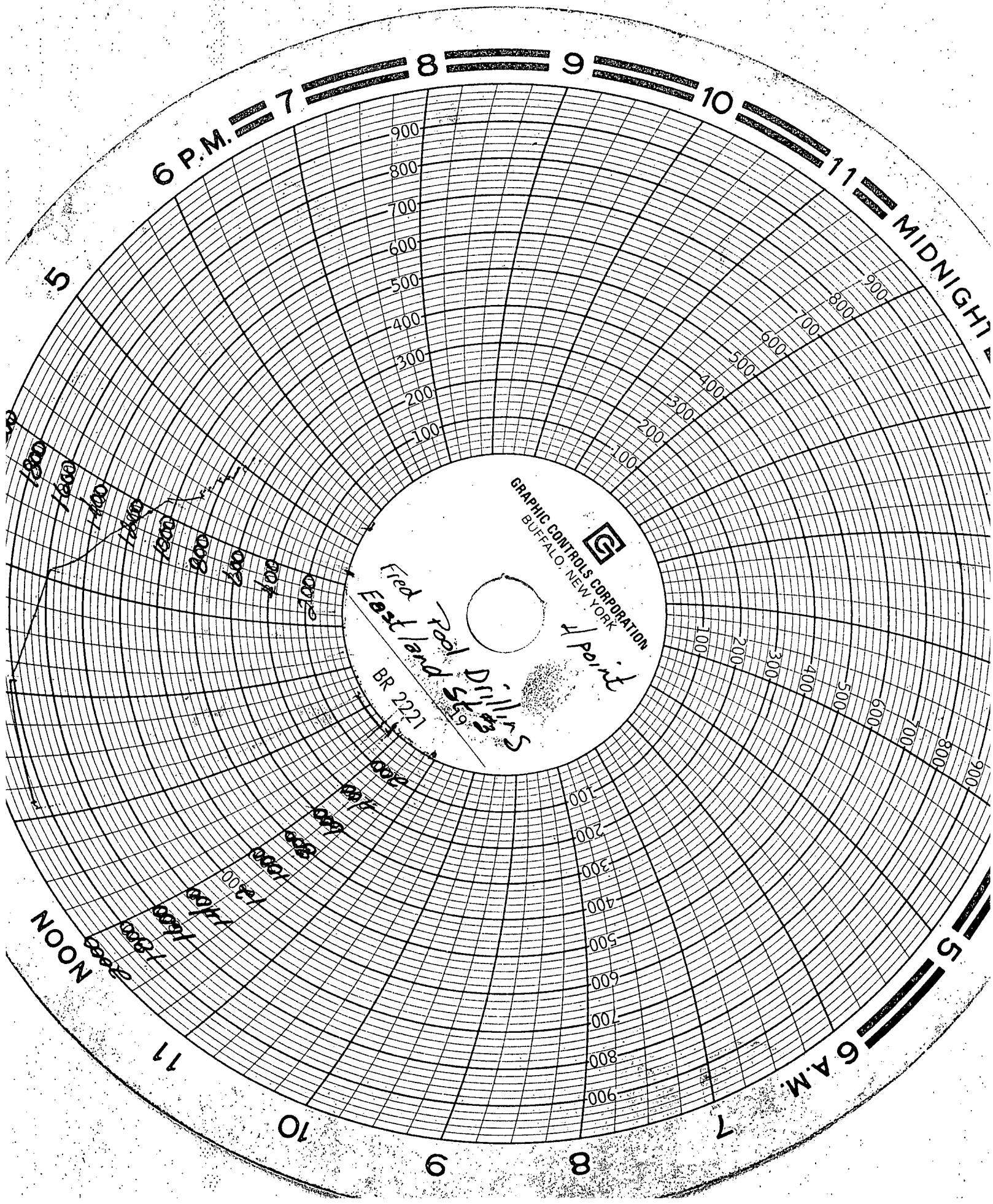
$$Q_2 = \underline{156}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{2.912}$$

$$\text{LOG } Q_2 = \underline{2.193}$$

$$n = \underline{0.719}$$



COMPANY: FRED POOL DRILLING INC.
LEASE: EASTLAND STATE
FIELD: PECOS SLOPE
COUNTY: CHAVES
STATUS: FOUR POINT BACK PRESSURE TEST
PERFORATIONS FROM: 5854 ft
DEPTH: 5754 ft

CONTACT: FRED POOL
WELL: 3
ZONE: PENN
STATE: New Mexico
OPERATOR: STEVE
TO: 6014 ft
TEMPERATURE: 127°F

ELEMENT# RPG3#
CLOCK#
ELEMENT# RPG3#29353
CLOCK# 3443

ELEMENT RANGE: 0 psig
CLOCK RANGE: 0 hrs
ELEMENT RANGE: 6000 psig
CLOCK RANGE: 12 hrs

START CLOCK	05/03/85	11:44:00	1838 psig
SET ELEMENT	05/03/85	13:01:00	1838 psig
WELL SHUT IN	05/03/85	13:10:00	1838 psig
TEST ENDED	05/03/85	17:10:00	676 psig

GAIN= 1
FILE: FRED 2 :D701

BIAS= 11 psi
BAROMETRIC PRESSURE= 13.2 psia

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

PRESSURE TRANSIENT TEST DATA

COMPANY: FRED POOL DRILLING INC.
 LEASE: EASTLAND STATE
 FIELD: PECOS SLOPE
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: FRED POOL
 WELL: 3
 ZONE: PENN
 STATE: New Mexico
 OPERATOR: STEVE

PERFORATIONS FROM: 5,854.0' TO: 6,014.0'
 ELEMENT DEPTH: 5,754.0' TEMPERATURE: 127.0°F

ELEMENT: RPC3# RANGE: 0 psig
 CLOCK: RANGE: 0 hrs
 ELEMENT: RPC3#29353 RANGE: 6000 psig
 CLOCK: 3443 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

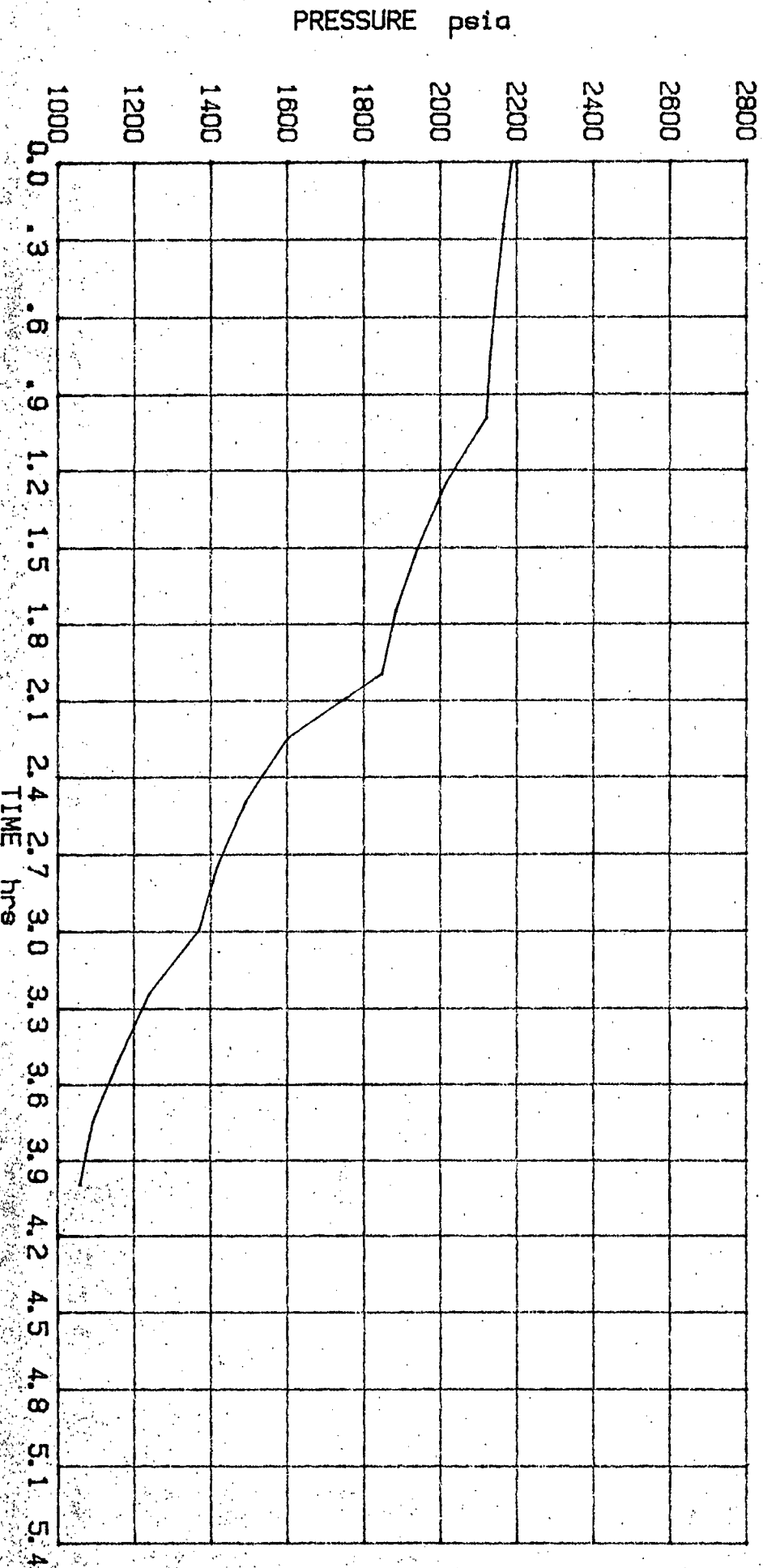
EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	05/03/85	11:44:00	1,838.0 psig
SET ELEMENT	05/03/85	13:01:00	1,838.0 psig
WELL SHUT IN	05/03/85	13:10:00	1,838.0 psig
END OF TEST	05/03/85	17:10:00	676.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
05/03/85	13:10:00	0.000	2,164.1	2,177.3	2,188.3
05/03/85	13:25:00	.250	2,141.7	2,154.9	2,165.9
05/03/85	13:40:00	.500	2,122.6	2,135.8	2,146.8
05/03/85	13:55:00	.750	2,107.1	2,120.3	2,131.3
05/03/85	14:10:00	1.000	2,095.8	2,109.0	2,120.0
05/03/85	14:25:00	1.250	1,992.8	2,006.0	2,017.0
05/03/85	14:40:00	1.500	1,919.1	1,932.3	1,943.3
05/03/85	14:55:00	1.750	1,861.1	1,874.3	1,885.3
05/03/85	15:10:00	2.000	1,824.1	1,837.3	1,848.3
05/03/85	15:25:00	2.250	1,578.8	1,592.0	1,603.0
05/03/85	15:40:00	2.500	1,468.3	1,481.5	1,492.5
05/03/85	15:55:00	2.750	1,394.0	1,407.2	1,418.2
05/03/85	16:10:00	3.000	1,346.2	1,359.4	1,370.4
05/03/85	16:25:00	3.250	1,214.6	1,227.8	1,238.8
05/03/85	16:40:00	3.500	1,138.5	1,151.7	1,162.7
05/03/85	16:55:00	3.750	1,068.9	1,082.1	1,093.1
05/03/85	17:10:00	4.000	1,034.9	1,048.1	1,059.1

TEST DATE: 05/03/85 TO 05/03/85
 TEST DEPTH: 5754 ft
 ELEMENT NO: RPC3#29353
 RANGE: 6000 psig
 CLOCK: 3443
 RANGE: 12 hrs
 OPERATOR: STEVE

FRED POOL
FRED POOL DRILLING INC.
EASTLAND STATE 3
BENNETT-CATHEY WIRE LINE SERVICE
Box 787 Artesia, N.M. 88210 (505) 748-3354





BENNETT-CATHEY WIRE LINE SERVICE

P. O. BOX 787

ARTESIA, NEW MEXICO 88210

Phone (505) 746-3281

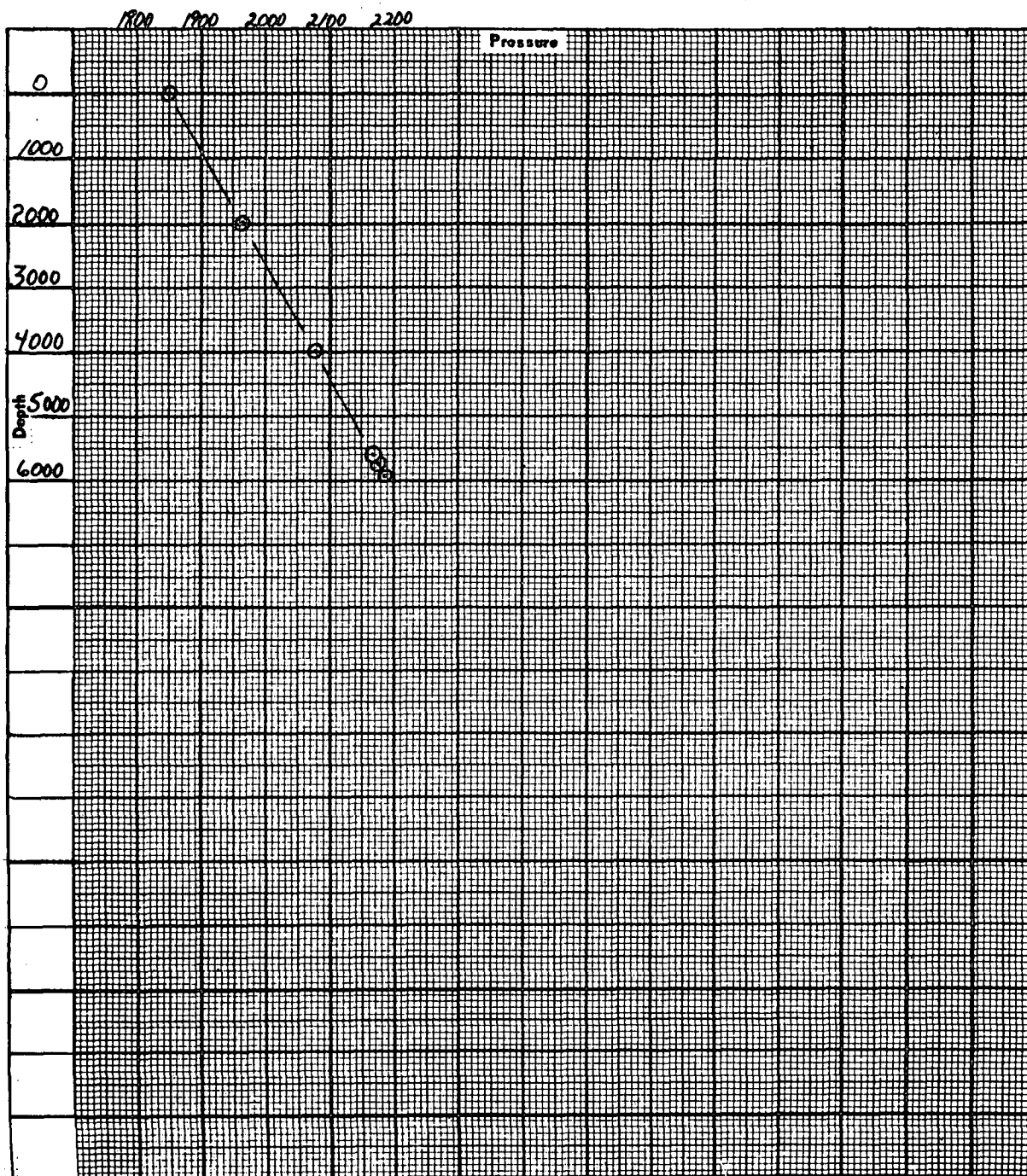


BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR FRED POOL DRILLING INC.
LEASE EASTLAND STATE
WELL NO. 3
POOL PECOS SLOPE FORMATION PENN
DATE 05-03-85 TIME 1301 HOURS
CO. MAN FRED POOL
STATUS SHUT IN TEST DEPTH 5754
TIME S.I. 1200 HRS LAST TEST DATE 04-29-85
BHP LAST TEST
TUB. PRES. 1851.2 BHP CHANGE
CAS. PRES. FLUID TOP
DATUM PLANE WATER TOP
DATUM PSIA RUN BY STEVE SILVERIA
TEMP 127 CLOCK # 3443
PRESSURE RANGE 6000
ELEMENT NO. RPG3#29353

DEPTH	PRESSURE	GRADIENT
0	1851.2	
2000	1965.2	5.7
4000	2079.2	5.7
5604	2168.2	5.6
5754	2177.2	6.0
EXTR. 5934	2188.2	6.1

TIME BHP MEASURED 1301 HRS. 05-03-85
LENGTH OF TIME WELL SHUT IN 97 HR 1 MIN



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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-4-85			
Company FRED POOL DRILLING INC.				Connection TONAIR					
Pool FWOR RANCH				Formation PENN				Unit J	
Completion Date 3-15-85		Total Depth 6080.		Plug Back L. 6020		Elevation 0		Farm or Lease Name EASTLAND STATE	
Case Size 5.500	Wt. 17.0	d 4.892	Set At 6080.	Perforations: From 5854 To 6014				Well No. 3	
Req. Size 2.375	Wt. 4.7	d 1.995	Set At 5754	Perforations: From 0 To 0				Unit Sec. Twp. Rge. 13 192 26E	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE						Factor Set At 5754.		County CHAVES	
Producing thru TUBING		Reservoir Temp. °F 127 # 5934		Mean Annual Temp. °F 60.0		Baro. Press. - P _a 13.2		State NEW MEXICO	
L 5934	H 5934	G _g 0.635	% CO ₂ 2.44	% N ₂ 3.62	% H ₂ O 0	Proven 2.0	Motor Run 0	Tape	

FLOW DATA						TUBING DATA		B.H.P. DATA		Duration of Flow	
NO.	Proven 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.		CHOKE
51							1837.2	2175	127		72.0
1.	2.00	X	0.063	1775	0	68	1775.2	2107	127	24/64	1.0
2.	2.00	X	0.125	1545	0	70	1545.2	1835	127	24/64	1.0
3.	2.00	X	0.188	1015	0	69	1015.2	1357	127	24/64	1.0
4.	2.00	X	0.219	676	0	74	676.2	1046	127	24/64	1.0
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. Compens. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	0.065	0	1788.2	0.9924	1.2549	1.1326	161
2	0.26	0	1558.2	0.9905	1.2549	1.1182	572
3	0.61	0	1028.2	0.9915	1.2549	1.0828	841
4	0.84	0	689.2	0.9868	1.2549	1.0537	753
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1	2.65	528	1.49	0.780	0	
2	2.31	530	1.49	0.800	0	
3	1.52	529	1.49	0.853	0.635	XXXXXXX
4	1.02	534	1.50	0.901	XXXXX	0.635
5					675	675 P.S.I.A.
					355	355 °R

P _r 1866.5 P _w 3484					(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.6643$		(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.4429$	
NO.	P _r ²	P _w ²	P _w ²	P _r ² - P _w ²				
1	4495	1809	3274	210				
2	3416	1581	2500	984				
3	1877	1179	1391	2093				
4	1122	916	839	2645				
5								

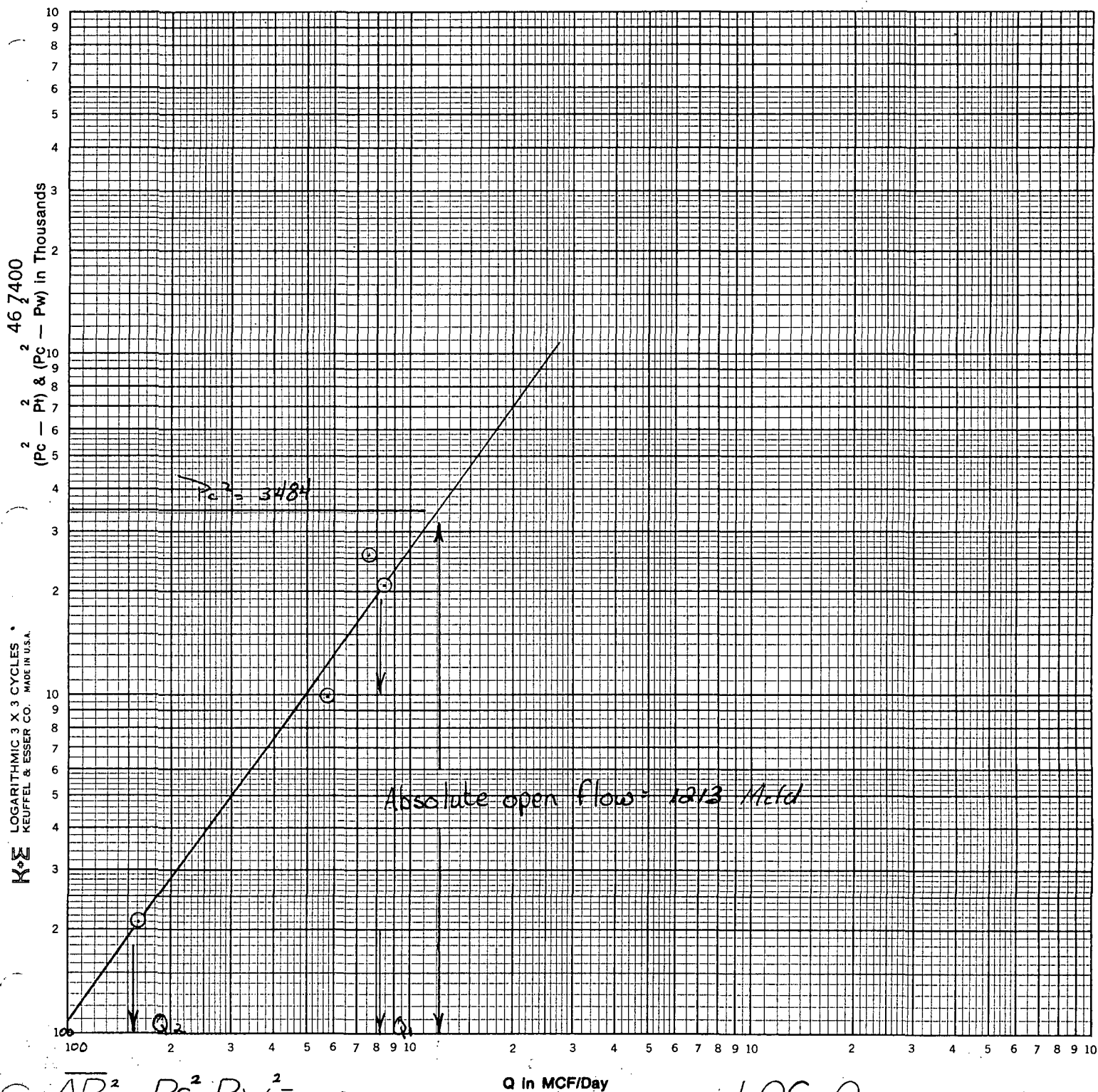
Absolute Open Flow 1213 Mcfd @ 15.025				Angle of Slope ° 54.3		Slope, n 0.719	
Remarks							

Approved By Commission	Conducted By BENNETT & CATHEY	Calculated By RICHARD TOWNLEY	Checked By
------------------------	----------------------------------	----------------------------------	------------

BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Fred Pool Drilling Inc. Lease East Land State Well No. 3
 County Chaves Field Furn Ranch Location 13 19S 26E
 Date of Test 5-4-85 Slope "n" 0.719 Angle of Slope 54.3

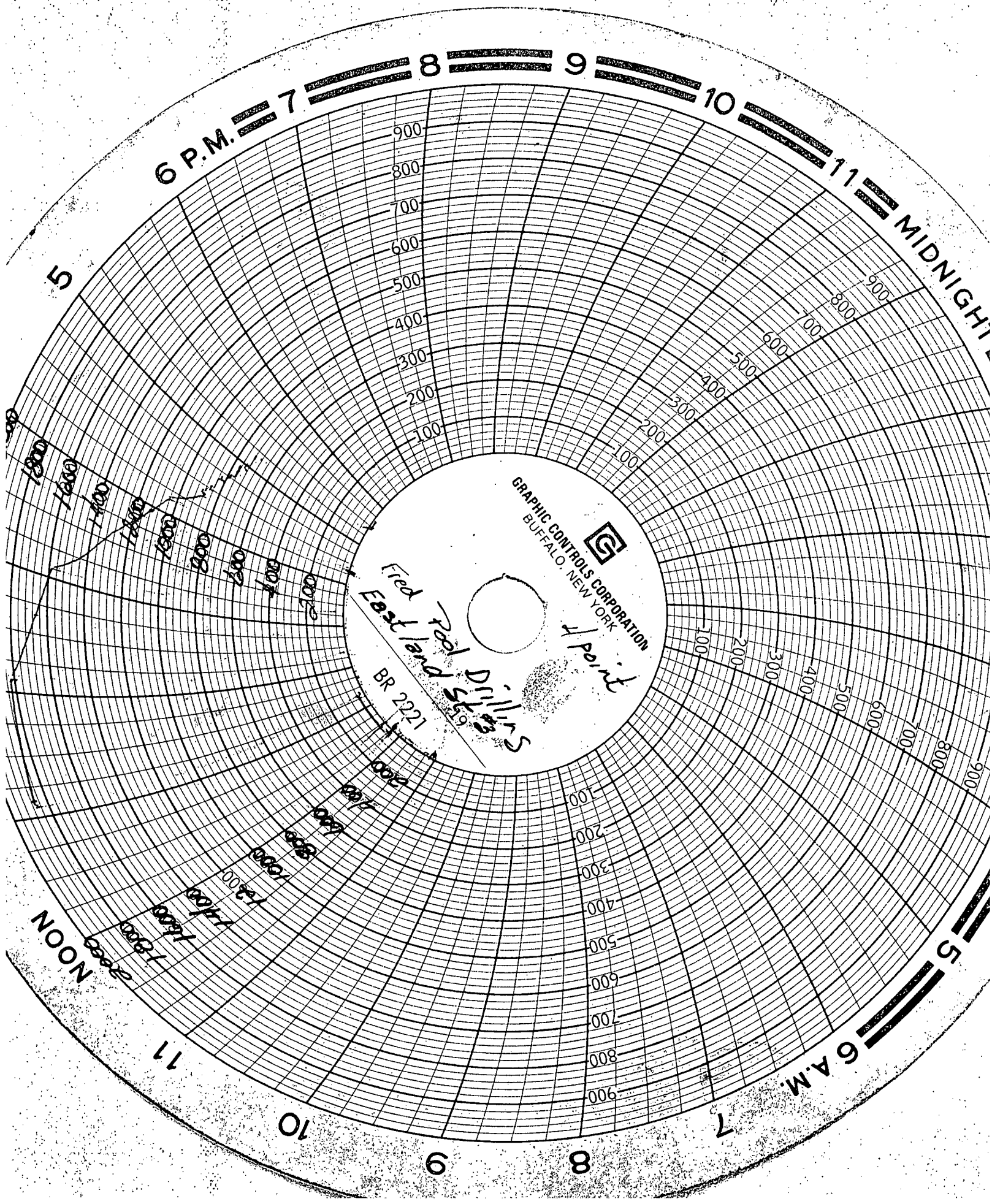
Calc. Abs. Potential 1213 MCF/D



$$\begin{aligned} \overline{\Delta P}_1^2 \quad P_c^2 - P_w^2 &= 2000 \\ \overline{\Delta P}_2^2 \quad P_c^2 - P_w^2 &= 200 \\ Q_1 &= 817 \\ Q_2 &= 156 \end{aligned}$$

Q in MCF/Day

$$\begin{aligned} \text{LOG } Q_1 &= 2.912 \\ \text{LOG } Q_2 &= 2.193 \\ n &= 0.719 \end{aligned}$$



COMPANY: FRED POOL DRILLING INC.
LEASE: EASTLAND STATE
FIELD: PECOS SLOPE
COUNTY: CHAVES
STATUS: FOUR POINT BACK PRESSURE TEST
PERFORATIONS FROM: 5854 ft
DEPTH: 5754 ft

CONTACT: FRED POOL
WELL: 3
ZONE: PENN
STATE: New Mexico
OPERATOR: STEVE
TO: 6014 ft
TEMPERATURE: 127°F

ELEMENT# RPG3#
CLOCK#
ELEMENT# RPG3#29353
CLOCK# 3443

ELEMENT RANGE: 0 psig
CLOCK RANGE: 0 hrs
ELEMENT RANGE: 6000 psig
CLOCK RANGE: 12 hrs

START CLOCK 05/03/85
SET ELEMENT 05/03/85
WELL SHUT IN 05/03/85
TEST ENDED 05/03/85

11:44:00 1838 psig
13:01:00 1838 psig
13:10:00 1838 psig
17:10:00 676 psig

GAIN= 1
FILE: FRED 2 :D701

BIAS= 11 psi
BAROMETRIC PRESSURE= 13.2 psia

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

PRESSURE TRANSIENT TEST DATA

COMPANY: FRED POOL DRILLING INC.
 LEASE: EASTLAND STATE
 FIELD: PECOS SLOPE
 COUNTY: CHAVES
 STATUS: FOUR POINT BACK PRESSURE TEST

CONTACT: FRED POOL
 WELL: 3
 ZONE: PENN
 STATE: New Mexico
 OPERATOR: STEVE

PERFORATIONS FROM: 5,854.0'
 ELEMENT DEPTH: 5,754.0'

TO: 6,014.0'
 TEMPERATURE: 127.0°F

ELEMENT: RPC3# RANGE: 0 psig
 CLOCK: RANGE: 0 hrs
 ELEMENT: RPC3#29353 RANGE: 6000 psig
 CLOCK: 3443 RANGE: 12 hrs

SURFACE PRESSURE MEASUREMENTS

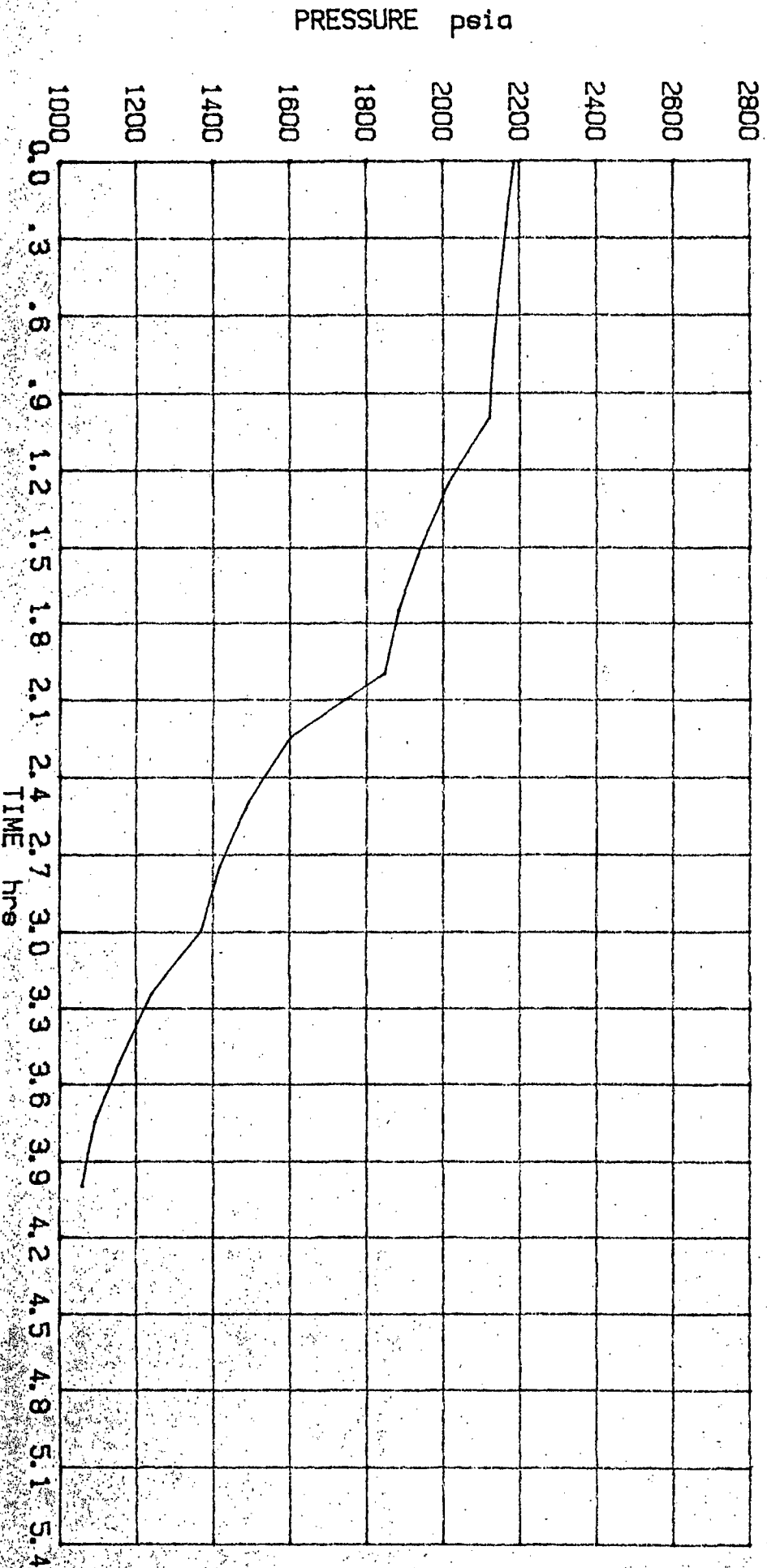
EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	05/03/85	11:44:00	1,838.0 psig
SET ELEMENT	05/03/85	13:01:00	1,838.0 psig
WELL SHUT IN	05/03/85	13:10:00	1,838.0 psig
END OF TEST	05/03/85	17:10:00	676.0 psig

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	t hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
05/03/85	13:10:00	0.000	2,164.1	2,177.3	2,188.3
05/03/85	13:25:00	.250	2,141.7	2,154.9	2,165.9
05/03/85	13:40:00	.500	2,122.6	2,135.8	2,146.8
05/03/85	13:55:00	.750	2,107.1	2,120.3	2,131.3
05/03/85	14:10:00	1.000	2,095.8	2,109.0	2,120.0
05/03/85	14:25:00	1.250	1,992.8	2,006.0	2,017.0
05/03/85	14:40:00	1.500	1,919.1	1,932.3	1,943.3
05/03/85	14:55:00	1.750	1,861.1	1,874.3	1,885.3
05/03/85	15:10:00	2.000	1,824.1	1,837.3	1,848.3
05/03/85	15:25:00	2.250	1,578.8	1,592.0	1,603.0
05/03/85	15:40:00	2.500	1,468.3	1,481.5	1,492.5
05/03/85	15:55:00	2.750	1,394.0	1,407.2	1,418.2
05/03/85	16:10:00	3.000	1,346.2	1,359.4	1,370.4
05/03/85	16:25:00	3.250	1,214.6	1,227.8	1,238.8
05/03/85	16:40:00	3.500	1,138.5	1,151.7	1,162.7
05/03/85	16:55:00	3.750	1,068.9	1,082.1	1,093.1
05/03/85	17:10:00	4.000	1,034.9	1,048.1	1,059.1

TEST DATE: 05/03/85 TO 05/03/85
 TEST DEPTH: 5754 ft
 ELEMENT NO: RPC3#29353
 RANGE: 8000 psig
 CLOCK: 3443
 RANGE: 12 hrs
 OPERATOR: STEVE

FRED POOL
FRED POOL DRILLING INC.
EASTLAND STATE 3
BENNETT-CATHEY WIRE LINE SERVICE
Box 787 Artesia, N.M. 88210 (505) 748-3354





BENNETT-CATHEY WIRE LINE SERVICE

P. O. BOX 787

ARTESIA, NEW MEXICO 88210

Phone (505) 746-3281

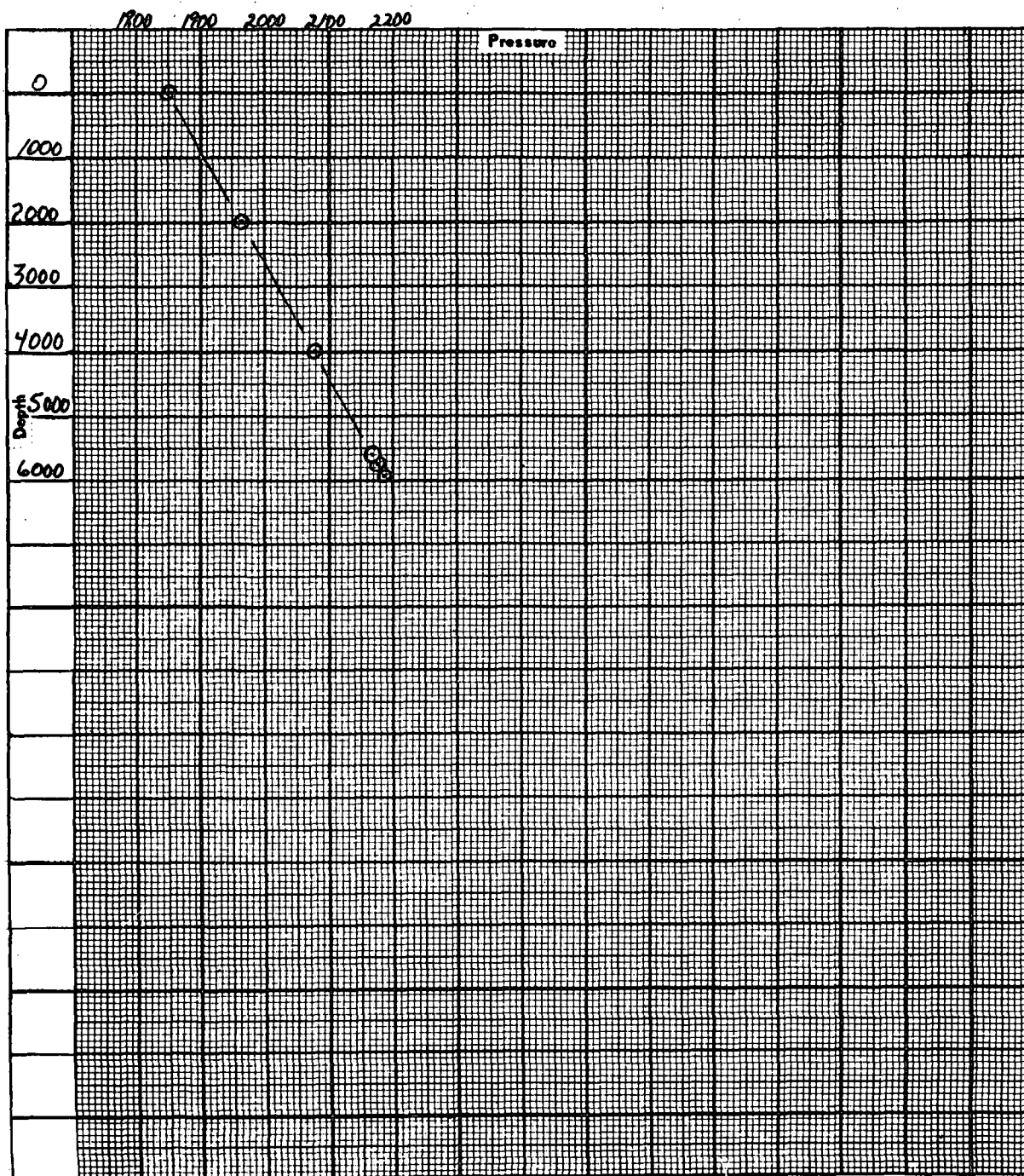


BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR FRED POOL DRILLING INC.
LEASE EASTLAND STATE
WELL NO. 3
POOL PECOS SLOPE FORMATION PENN
DATE 05-03-85 TIME 1301 HOURS
CO. MAN FRED POOL
STATUS SHUT IN TEST DEPTH 5754
TIME S.I. 1200 HRS LAST TEST DATE _____
04-29-85 BHP LAST TEST _____
TUB. PRES. 1851.2 BHP CHANGE _____
CAS. PRES. _____ FLUID TOP _____
DATUM PLANE _____ WATER TOP _____
DATUM PSIA _____ RUN BY STEVE SILVERIA
TEMP 127 CLOCK # 3443
PRESSURE RANGE 6000
ELEMENT NO. RPG3#29353

DEPTH	PRESSURE	GRADIENT
0	1851.2	
2000	1965.2	5.7
4000	2079.2	5.7
5604	2168.2	5.6
5754	2177.2	6.0
EXTR. 5934	2188.2	6.1

TIME BHP MEASURED 1301 HRS. 05-03-85
LENGTH OF TIME WELL SHUT IN 97 HR 1 MIN



All distances must be from the outer boundaries of the Section.

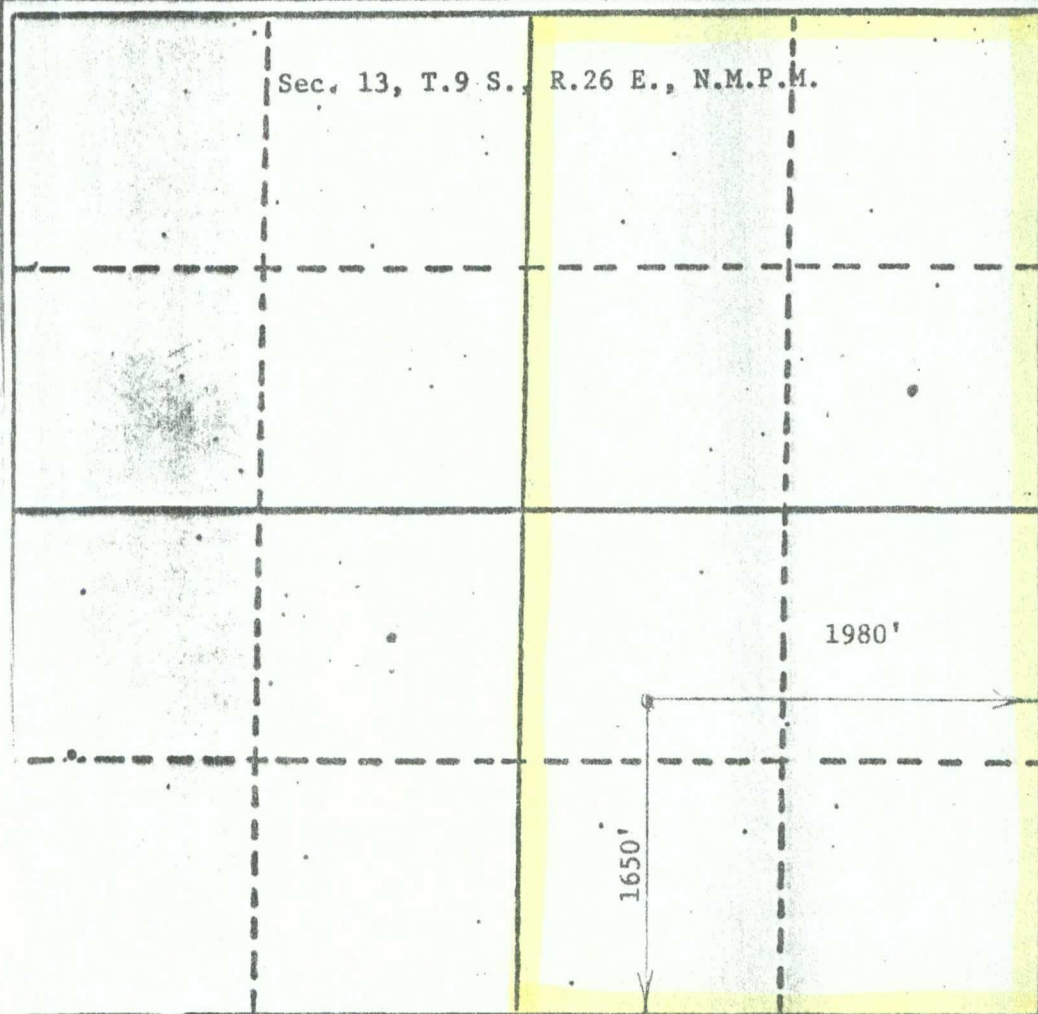
Operator Fred Pool Operating Company		Lease Eastland		Well No. #3
Unit Letter J	Section 13	Township 9 South	Range 26 East	County Chaves
Actual Location of Well				
1650 feet from the South line and		1980 feet from the East line		
Ground Level Elev. 3821	Producing Formation	Pool	Dedicated Acreage	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____

Position _____

Company _____

Date _____

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

June 25, 1984

Registered Professional Engineer and/or Well Surveyor

John D. Jaques, P.E. & L.S.

Certificate No. 6290

All distances must be from the outer boundaries of the Section.

Lessor Fred Pool Inc.		Lease Eastland State		Well No. 1	
Letter H	Section 13	Township 9 South	Range 26 East	County Chaves	
Well Location of Well:					
660 feet from the East line and		1980 feet from the North line			
Land Level Elev. 3816	Producing Formation Penn	Pool Wildcat	Dedicated Acreage: 320 Acres		

Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

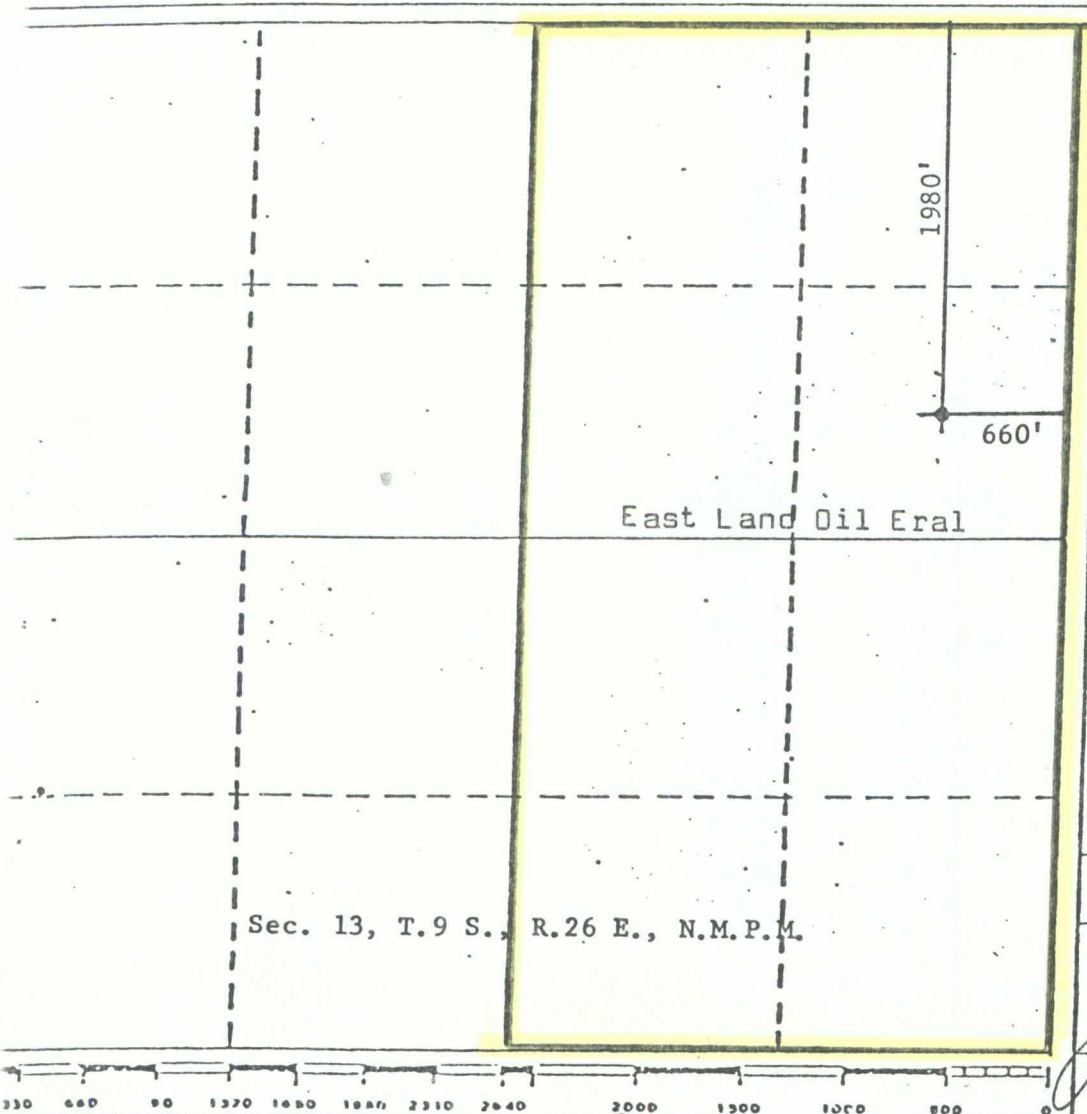
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

John Klee

Name

Landman

Position

Fred Pool, Jr.

Company

6-10-81

Date

John Klee

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

June 9, 1981

Registered Professional Engineer and/or Land Surveyor

John D. Jaquess, P.E. & L.S.

Certificate No.

6290

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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-86

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
L6773	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒
DRY ☐ OTHER ☐	
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
8. Form or Lease Name
Eastland State
9. Well No.
3
10. Field and Pool, or Wildcat
Foor Ranch, Pre Perm

2. Name of Operator
Fred Pool Drilling, Inc.
3. Address of Operator
P.O. Box 1393 Roswell, N.M. 88201
4. Location of Well

UNIT LETTER	J	LOCATED	1650	FEET FROM THE	south	LINE AND	1980	FEET FROM
THE	east	LINE OF SEC.	13	TWP.	9 S	RGE	26E	NMPM

12. County
Chaves

15. Date Spudded	15. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
9-7-84	9-23-84	3-11-85	3821 GL	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
6110	6028			X

24. Producing Interval(s), of this completion - Top, Bottom, Name
5874-5881 5956-5962
5920-5924 5966-5970
5982-6006
Und. Penn

25. Was Directional Survey Made
yes

26. Type Electric and Other Logs Run
Dual Laterolog, Compensated Neutron-Litho Density

27. Was Well Cored
no

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	1034	12 1/4	400sx 2% CC 1/2# Flosele HL,	-
				200 sx C1 C, 2%CC	
5 1/2	15.5#	6110	7 7/8	700 sx 50/50 Poz, 3# salt	
				per sx, 3/10 HAL, 3/10 CER2.	-

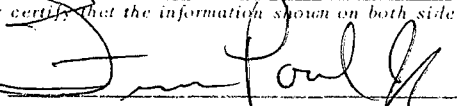
29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	5784 ft.	5784

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5874-5881				5874-5970	771 bbls gel water
5920-5924					38500 # 20/40 sand
5956-5962					363 gel water
5966-5970 28 shots				5982-6006	7800# 20/40 sand
5982-6006 48 shots					

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5-6-85		flowing				shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-4-85	24hrs	24/64			1.213 MCF		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1775	0			1.213 Mcf	-	-	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold- Transwestern Pipeline Co.	Fred Pool, Jr.

35. List of Attachments
Dual Laterolog, Compensated Neutron logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED	TITLE	DATE
	President	5-1-85

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico

T. Anhy	
T. Salt	
B. Salt	
T. Yates	
T. 7 Rivers	
T. Queen	
T. Grayburg	
T. San Andres	1180
T. Glorieta	2267
T. Paddock	
T. Blinebry	
T. Tubb	3771
T. Drinkard	
T. Abo	4533
T. Wolfcamp	5280
T. Penn.	5804
T. Cisco (Bough C)	

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

Oil or Gas Sands or Lenses

No. 1, from 5874 -	to 6006	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1400	1400	Red Bed				
1400	4060	2660	sand, redshale				
4060	5604	1544	anhydrite				
5604	6110	506	lime TD				

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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-78

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L6773

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Eastland State	
2. Name of Operator Fred Pool Drilling, Inc.		9. Well No. 3	
3. Address of Operator P.O. Box 1393 Roswell, N.M. 88201		10. Field and Pool, or Wildcat Foor Ranch, Pre Per	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>1650</u> FEET FROM THE <u>south</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> THE <u>LINE OF SEC. 13</u> TWP. <u>9 S</u> RGE <u>26E</u> NMPM		12. County Chaves	
15. Date Spudded 9-7-84	16. Date T.D. Reached 9-23-84	17. Date Compl. (Ready to Prod.) 3-11-85	18. Elevations (DF, RKB, RT, GR, etc.) 3821 GL
20. Total Depth 6110	21. Plug Back T.D. 6028	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐
24. Producing Interval(s), of this completion - Top, Bottom, Name 5874-5881 5956-5962 5920-5924 5966-5970 5982-6006 Und. Penn			25. Was Directional Survey Made yes
26. Type Electric and Other Logs Run Dual Laterolog, Compensated Neutron-Litho Density			27. Was Well Cored no
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
8 5/8	24#	1034	12 1/4
5 1/2	15.5#	6110	7 7/8
CEMENTING RECORD			
400sx 2% CC 1/2# Flosel HL, -			
200 sx C1 C, 2%CC			
700 sx 50/50 Poz, 3# salt			
per sx, 3/10 HAL, 3/10 CFR2. -			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
2 3/8	5784 ft.	5784	
31. Perforation Record (Interval, size and number)			
5874-5881			
5920-5924			
5956-5962			
5966-5970 28 shots			
5982-6006 48 shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
5874-5970		771 bbls gel water	
		38500 # 20/40 sand	
5982-6006		363 gel water	
		7800# 20/40 sand	
33. PRODUCTION			
Date First Production 5-6-85	Production Method (Flowing, gas lift, pumping - Size and type pump) flowing		Well Status (Prod. or Shut-in) shut-in
Date of Test 5-4-85	Hours Tested 24hrs	Choke Size 24/64	Prod'n. For Test Period 1.213 MCF
Flow Tubing Press. 1775	Casing Pressure 0	Calculated 24-Hour Rate 1.213 Mcf	Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Transwestern Pipeline Co.			Test Witnessed By Fred Pool, Jr.
35. List of Attachments Dual Laterolog, Compensated Neutron logs			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED Fred Pool, Jr.		TITLE President	DATE 5-1-85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point-Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1180	T. Simpson _____	T. Gallup _____	T. Ignacio-Qtzte _____
T. Glorieta _____ 2267	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 3771	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 4533	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5280	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 5804	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 5874 to 6006 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1400	1400	Red Bed				
1400	4060	2660	sand, redshale				
4060	5604	1544	anhydrite				
5604	6110	506	lime TD				

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Form C-105
Revised 11-1-88

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L6773

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Form or Lease Name

Eastland State

2. Name of Operator

Fred Pool Drilling, Inc.

9. Well No.

3

3. Address of Operator

P.O. Box 1393 Roswell, N.M. 88201

10. Field and Pool, or Wildcat

Foor Ranch, Pre Per

4. Location of Well

UNIT LETTER J LOCATED 1650 FEET FROM THE south LINE AND 1980 FEET FROM

THE east LINE OF SEC. 13 TWP. 9 S RGE 26E NMPM

12. County

Chaves

15. Date Spudded 9-7-84 16. Date T.D. Reached 9-23-84 17. Date Compl. (Ready to Prod.) 3-11-85 18. Elevations (DF, RKB, RT, GR, etc.) 3821 GL 19. Elev. Casinghead

20. Total Depth 6110 21. Plug Back T.D. 6028 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools X

24. Producing Interval(s), of this completion - Top, Bottom, Name 5874-5881 5956-5962 5920-5924 5966-5970 5982-6006 Und. Penn 25. Was Directional Survey Made yes

26. Type Electric and Other Logs Run Dual Laterolog, Compensated Neutron-Litho Density 27. Was Well Cored no

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	1034	12 1/2	400sx 2% CC 1/2# Flosele HL,	-
				200 sx C1 C, 2%CC	
5 1/2	15.5#	6110	7 7/8	700 sx 50/50 Poz, 3# salt	
				per sx, 3/10 HAL, 3/10 CFR2.	-

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	5784 ft.
						5784

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5874-5881		5874-5970	771 bbls gel water
5920-5924			38500 # 20/40 sand
5956-5962			363 gel water
5966-5970 28 shots		5982-6006	7800# 20/40 sand
5982-6006 48 shots			

33. PRODUCTION
Date First Production 5-6-85 Production Method (Flowing, gas lift, pumping - Size and type pump) flowing Well Status (Prod. or Shut-in) shut-in
Date of Test 5-4-85 Hours Tested 24hrs Choke Size 24/64 Prod'n. For Test Period 1.213 MCF Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. 1775 Casing Pressure 0 Calculated 24-Hour Rate 1.213 Mcf Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Transwestern Pipeline Co. Test Witnessed By Fred Pool, Jr.

35. List of Attachments Dual Laterolog, Compensated Neutron logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Fred Pool Jr. TITLE President DATE 5-1-85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point-Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1180	T. Simpson _____	T. Gallup _____	T. Ignacio-Qtzte _____
T. Glorieta _____ 2267	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 3771	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 4533	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5280	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 5804	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 5874 _____ to _____ 6006 _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____
No. 2, from _____ to _____ feet. _____
No. 3, from _____ to _____ feet. _____
No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1400	1400	Red Bed				
1400	4060	2660	sand, redshale				
4060	5604	1544	anhydrite				
5604	6110	506	lime TD				

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Form C-105
Revised 11-1-84

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L6773

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
2. Name of Operator
Fred Pool Drilling, Inc.
3. Address of Operator
P.O. Box 1393 Roswell, N.M. 88201
4. Location of Well
UNIT LETTER **J** LOCATED **1650** FEET FROM THE **south** LINE AND **1980** FEET FROM **east**
THE LINE OF SEC. **13** TWP. **9 S** RGE **26 E** NMPM
15. Date Spudded **9-7-84** 16. Date T.D. Reached **9-23-84** 17. Date Compl. (Ready to Prod.) **3-11-85** 18. Elevations (DF, RKB, RT, GR, etc.) **3821 GL** 19. Elev. Casinghead
20. Total Depth **6110** 21. Plug Back T.D. **6028** 22. If Multiple Compl., How Many
23. Intervals Drilled By **X** Rotary Tools Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name
5874-5881 5956-5962
5920-5924 5966-5970
5982-6006 Und. Penn
25. Was Directional Survey Made **yes**
26. Type Electric and Other Logs Run
Dual Laterolog, Compensated Neutron-Litho Density
27. Was Well Cored **no**

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	1034	12 1/2	400sx 2% CC 1/2# Flosele HL,	-
				200 sx Cl C, 2%CC	
5 1/2	15.5#	6110	7 7/8	700 sx 50/50 Poz, 3# salt	
				per sx, 3/10 HAL, 3/10 CFR2.	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	5784 ft.	5784

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5874-5881				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5920-5924				5874-5970	771 bbls gel water
5956-5962					38500 # 20/40 sand
5966-5970 28 shots				5982-6006	363 gel water
5982-6006 48 shots					7800# 20/40 sand

33. PRODUCTION
Date First Production **5-6-85** Production Method (Flowing, gas lift, pumping - Size and type pump) **flowing** Well Status (Prod. or Shut-in) **shut-in**
Date of Test **5-4-85** Hours Tested **24hrs** Choke Size **24/64** Prod'n. For Test Period **1.213 MCF** Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. **1775** Casing Pressure **0** Calculated 24-Hour Rate **1.213 Mcf** Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold Transwestern Pipeline Co. Test Witnessed By **Fred Pool, Jr.**

35. List of Attachments
Dual Laterolog, Compensated Neutron logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.
SIGNED **Fred Pool** TITLE **President** DATE **5-1-85**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anby _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point-Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1180	T. Simpson _____	T. Gallup _____	T. Ignacio-Qtzte _____
T. Glorieta _____ 2267	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 3771	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 4533	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5280	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 5804	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 5874 to 6006 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1400	1400	Red Bed				
1400	4060	2660	sand, redshale				
4060	5604	1544	anhydrite				
5604	6110	506	lime TD				

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Form C-105
Revised 11-1-84

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Free ☐
5. State Oil & Gas Lease No.
L6773

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name Eastland State	
2. Name of Operator Fred Pool Drilling, Inc.		9. Well No. 3	
3. Address of Operator P.O. Box 1393 Roswell, N.M. 88201		10. Field and Pool, or Wildcat Foor Ranch, Pre Per	
4. Location of Well UNIT LETTER J LOCATED 1650 FEET FROM THE south LINE AND 1980 FEET FROM east THE east LINE OF SEC. 13 TWP. 9 S RGE 26 E NMPM		12. County Chaves	
15. Date Spudded 9-7-84	16. Date T.D. Reached 9-23-84	17. Date Compl. (Ready to Prod.) 3-11-85	18. Elevations (DF, RKB, RT, GR, etc.) 3821 GL
19. Elev. Casinghead	20. Total Depth 6110		
21. Plug Back T.D. 6028	22. If Multiple Compl., How Many	23. Intervals Drilled By X	24. Producing Interval(s), of this completion - Top, Bottom, Name 5874-5881 5956-5962 5920-5924 5966-5970 5982-6006 Und. Penn
25. Was Directional Survey Made yes			26. Type Electric and Other Logs Run Dual Laterolog, Compensated Neutron-Litho Density
27. Was Well Cored no			28. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
8 5/8	24#	1034	12 1/2
5 1/2	15.5#	6110	7 7/8
CEMENTING RECORD		AMOUNT PULLED	
400sx 2% CC 1/2# Floselle HL,		-	
200 sx C1 C, 2%CC		-	
700 sx 50/50 Poz, 3# salt		-	
per sx, 3/10 HAL, 3/10 CFR2.		-	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
SIZE	DEPTH SET	PACKER SET	
2 3/8	5784 ft.	5784	
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5874-5881 5920-5924 5956-5962 5966-5970 28 shots 5982-6006 48 shots		DEPTH INTERVAL 5874-5970 771 bbls gel water 38500 # 20/40 sand 5982-6006 363 gel water 7800# 20/40 sand	
33. PRODUCTION			
Date First Production 5-6-85	Production Method (Flowing, gas lift, pumping - Size and type pump) flowing		Well Status (Prod. or Shut-in) shut-in
Date of Test 5-4-85	Hours Tested 24hrs	Choke Size 24/64	Prod'n. For Test Period 1.213 MCF
Flow Tubing Press. 1775	Casing Pressure 0	Calculated 24-Hour Rate 1.213 Mcf	Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio - - -
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold- Transwestern Pipeline Co.			Test Witnessed By Fred Pool, Jr.
35. List of Attachments Dual Laterolog, Compensated Neutron logs			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED Fred Pool		TITLE President	DATE 5-1-85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point-Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>1180</u>	T. Simpson _____	T. Gallup _____	T. Ignacio-Quizte _____
T. Glorieta <u>2267</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>3771</u>	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>4533</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>5280</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>5804</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 5874 to 6006 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1400	1400	Red Bed				
1400	4060	2660	sand, redshale				
4060	5604	1544	anhydrite				
5604	6110	506	lime TD				

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator
Fred Pool Drilling, Inc.
Address
P.O. Box 1393 Roswell, N.M. 88201

Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☒	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☒
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Eastland State	Well No. 3	Pool Name, Including Formation Foor Ranch, Pre Permian	Kind of Lease State, Federal or Fee	State State	Lease No. L 6773
Location Unit Letter J ; 1650 Feet From The South Line and 1980 Feet From The East					
Line of Section 13 Township 9S Range 26E , NMPM, Chaves County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)	
Transwestern Pipeline	Box 2521 Houston, Texas 77001	
If well produces oil or liquids, give location of tanks.	Unit J Sec. 13 Twp. 9S Rge. 26E	Is gas actually connected? No When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 9-7-84	Date Compl. Ready to Prod. 3-11-85	Total Depth 6110	P.D.T.D. 6028					
Elevations (DF, RKB, RT, GR, etc.) GL 3821	Name of Producing Formation Und. Penn	Top Oil/Gas Pay 5874	Tubing Depth 5784					
Perforations 5874-5970; 5982- 6006			Depth Casing Shoe 6028					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/2	8 5/8	1034	400sx 2% CC, 200 sx CL C.2% CC
7 7/8	5 1/2	6110	700 sx 50/50 Poz,

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

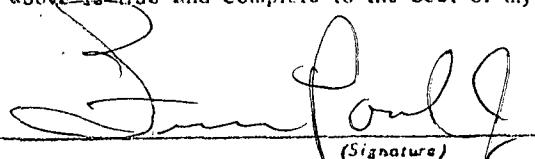
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

VI. TEST WELL

Equal Prod. Test-MCF/D 1.213 MCF	Length of Test 24hrs.	Bbls. Condensate/MMCF -	Gravity of Condensate -
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1837.2	Casing Pressure (Shut-in) 127	Choke Size 24/64

VII. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


(Signature)
President
(Title)
5-1-85
(Date)

OIL CONSERVATION DIVISION

APPROVED _____, 10
BY _____
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Form C-104 must be filed for each pool in multiply completed wells.

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
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FILE	
U.S.O.G.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATION	
PRODUCTION OFFICE	

Operator
Fred Pool Drilling, Inc.

Address
P.O. Box 1393 Roswell, N.M. 88201

Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☒
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Eastland State	Well No. 3	Pool Name, including Formation Foor Ranch, Pre Permian	Kind of Lease State, Federal or Fee	Lease L 677
Location Unit Letter J : 1650 Feet From The South Line and 1980 Feet From The East				
Line of Section 13 Township 9S Range 26E, NMPM, Chaves County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
Transwestern Pipeline	Box 2521 Houston, Texas 77001
If well produces oil or liquids, give location of tanks.	Unit J Sec. 13 Twp. 9S Rge. 26E Is gas actually connected? No When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Some Res'v.	Diff. R
		X	X					
Date Spudded 9-7-84	Date Compl. Ready to Prod. 3-11-85	Total Depth 6110	P.B.T.D. 6028					
Elevations (DF, RKB, RT, GR, etc.) GL 3821	Name of Producing Formation Und. Penn	Top Oil/Gas Pay 5874	Tubing Depth 5784					
Perforations 5874-5970; 5982- 6006			Depth Casing Shoe 6028					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/2	8 5/8	1034	400sx 2% CC, 200 s
			CL C.2% CC
7 7/8	5 1/2	6110	700 sx 50/50 Poz,

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top able for this depth or be for full 24 hours)

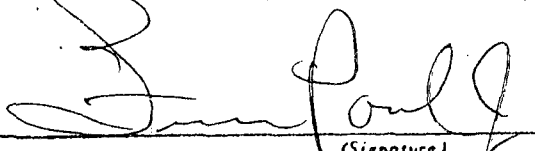
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D 1.213 MCF	Length of Test 24hrs.	Bbls. Condensate/MMCF -	Gravity of Condensate -
Testing Method (prior, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1837.2	Casing Pressure (Shut-in) 127	Choke Size 24/64

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


President
5-1-85

OIL CONSERVATION DIVISION

APPROVED _____, 19____
BY _____
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the daily tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for a well on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of or well name or number, or transporter, or other such change of conditions.
Separate Forms C-104 must be filed for each pool in mult completed wells.

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

Operator
Fred Pool Drilling, Inc.

Address
P.O. Box 1393 Roswell, N.M. 88201

Reason(s) for filing (Check proper box)

New Well	☒	Change in Transporter of:	
Recompletion	☐	Oil	☐
Change in Ownership	☐	Casinghead Gas	☐
		Dry Gas	☒
		Condensate	☐

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease
Eastland State	3	Foor Ranch, Pre Permian	State, Federal or Fee State	L 677
Location				
Unit Letter	J	1650 Feet From The	South Line and	1980 Feet From The
Line of Section	13	T. 9S	Range	26E, NMPM, Chaves Cou

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil	☐	or Condensate	☐	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas	☐	or Dry Gas	☒	Address (Give address to which approved copy of this form is to be sent)
Transwestern Pipeline				Box 2521 Houston, Texas 77001
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
	J	13	9S	26E
Is gas actually connected?				When
No				

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. R
		X	X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
9-7-84	3-11-85		6110		6028			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
GL 3821	Und. Penn		5874		5784			
Perforations					Depth Casing Shoe			
5874-5970; 5982- 6006					6028			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/2	8 5/8	1034	400sx 2% CC, 200 s
			CL C.2% CC
7 7/8	5 1/2	6110	700 sx 50/50 Poz,

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top able for this depth or be for full 24 hours)

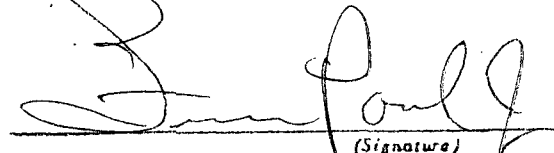
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
1.213 MCF	24hrs.	-	-
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Back Pressure	1837.2	127	24/64

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


(Signature)
President
(Title)
5-1-85
(Date)

OIL CONSERVATION DIVISION

APPROVED _____, 19____

BY _____

TITLE _____

This form is to be filed in compliance with RULE 1104.
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All sections of this form must be filled out completely for a able on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of ov well name or number, or transporter, or other such change of cond!
Separate Forms C-104 must be filed for each pool in mul completed wells.

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator Fred Pool Drilling, Inc.	
Address P.O.Box 1393 Roswell, N.M. 88201	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☒	Change In Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☒
Change In Ownership ☐	Casinghead Gas ☐ Condensate ☐
If change of ownership give name and address of previous owner	

Lease Name Eastland State		Well No. 3	Pool Name, including Formation Eoor Ranch, Pre Permian		Kind of Lease State, Federal or Fee	State State	Lease L 677
Location Unit Letter J ; 1650 Feet From The South Line and 1980 Feet From The East							
Line of Section 13 Township 9S Range 26E, NMPM, Chaves Cou							

Name of Authorized Transporter of Oil ☐ or Condensate ☐		Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒		Address (Give address to which approved copy of this form is to be sent)	
Transwestern Pipeline		Box 2521 Houston, Texas 77001	
If well produces oil or liquids, give location of tanks.	Unit J Sec. 13 Twp. 9S Rge. 26E	Is gas actually connected?	When
		No	

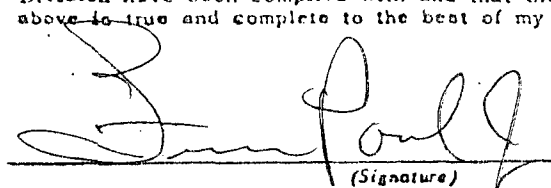
If this production is commingled with that from any other lease or pool, give commingling order number:

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. R
			X	X					
Date Spudded 9-7-84	Date Compl. Ready to Prod. 3-11-85	Total Depth 6110		P.B.T.D. 6028					
Elevations (DF, RKB, RT, GR, etc.) GL 3821	Name of Producing Formation Und. Penn	Top Oil/Gas Pay 5874		Tubing Depth 5784					
Perforations 5874-5970; 5982- 6006				Depth Casing Shoe 6028					

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/2	8 5/8	1034	400sx 2% CC, 200 sx CL C.2% CC
7 7/8	5 1/2	6110	700 sx 50/50 Poz.

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL		(Test must be after recovery of total volume of load oil and must be equal to or exceed top able for this depth or be for full 24 hours)	
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL			
Actual Prod. Test-MCF/D 1.213 MCF	Length of Test 24hrs.	Bbls. Condensate/MMCF -	Gravity of Condensate -
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1837.2	Casing Pressure (Shut-in) 127	Choke Size 24/64

I. CERTIFICATE OF COMPLIANCE		OIL CONSERVATION DIVISION	
I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		APPROVED _____, 19____	
 (Signature)		BY _____	
President (Title)		TITLE _____	
5-1-85 (Date)		This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the devl. tests taken on the well in accordance with RULE 111. All sections of this form must be filled out completely for a able on new and recompleted wells. Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of condi Separate Forms C-104 must be filed for each pool in mul completed wells.	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

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AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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TRANSPORTER	OIL
	GAS
OPERATION	
PERMITS OFFICE	

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Address P.O. Box 1393 Roswell, N.M. 88201	
Reason(s) for filing (Check proper box)	Other (Please explain)
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Recompletion ☐	Oil ☐ Dry Gas ☒
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐

If change of ownership give name
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Location Unit Letter <u>J</u> ; <u>1650</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>East</u>				
Line of Section <u>13</u> Township <u>9S</u> Range <u>26E</u> , NMPM, Chaves Cou				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

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Transwestern Pipeline	Box 2521 Houston, Texas 77001
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
J 13 9S 26E	No

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. R
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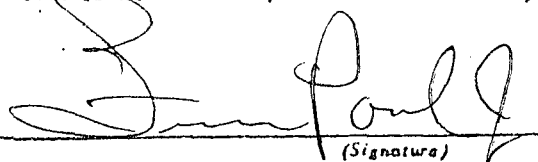
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Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

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Actual Prod. Test-MCF/D 1.213 MCF	Length of Test 24hrs.	Bbls. Condensate/MMCF -	Gravity of Condensate -
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Division have been complied with and that the information given
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(Signature)

President

(Title)

5-1-85

(Date)

OIL CONSERVATION DIVISION

APPROVED _____, 1D _____

BY _____

TITLE _____

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