

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

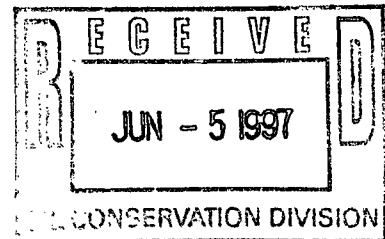
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR



[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

James Bruce
P.O. Box 1658
Santa Fe, NM 87504

Note: Statement must be completed by an individual with supervisory capacity.

Print or Type Name

Signature

Title

Date

James Bruce Attorney for Applicant 6/5/97

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

SUITE B
612 OLD SANTA FE TRAIL
SANTA FE, NEW MEXICO 87501

(505) 982-2043
(505) 982-2151 (FAX)

June 5, 1997

Hand Delivered

Michael E. Stogner
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Pogo Producing Company ("Pogo") hereby applies for administrative approval of an unorthodox oil well location for the following well:

Covington "A" Fed. Well No. 3
2310 feet FNL & 1300 feet FWL
SW $\frac{1}{4}$ NW $\frac{1}{4}$ S25, Township 22 South, Range 32 East, NMPM
Lea County, New Mexico

Attached as Exhibit A are an APD (BLM Form 3160-3) and a Form C-102 for the well, which have been filed with the Bureau of Land Management. The well will be drilled to a depth sufficient to test the Bone Spring formation (Red Tank-Bone Spring Pool). In addition, Pogo requests approval of an unorthodox location for the Delaware formation (West Red Tank-Delaware Pool). Well spacing is 40 acres for both formations.

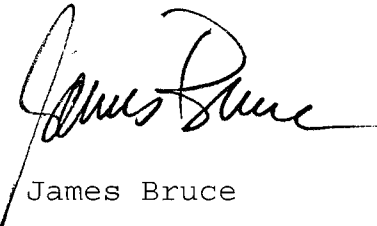
The proposed location is based upon geological reasons. Attached as Exhibit B is a structure map on top of the Brushy Canyon BC4 Sand marker. The proposed location is based on well control, and is interpreted to be the structurally highest point in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ for this prospect. This location provides the best chance to successfully encounter potential Brushy Canyon pay. The further south and east the well is located in the spacing unit, the higher the chance it will be a commercially viable well. Thus, placing the well at its proposed location substantially reduces the risk involved in drilling the well.

Submitted as Exhibit C is a land plat of the subject area, with the location of the proposed well marked thereon. All of Section 25 is

subject to federal lease NM 2379. Pogo operates all of Section 25 from the surface to the base of the Morrow formation. In addition, working interest ownership is common throughout Section 25 as to said depths, as follows: Pogo (88.58332%), Burlington Resources Oil & Gas Company (10.49710%), and Yates Petroleum Corporation (0.91958%). Since working and royalty interest ownership is common in the proposed well unit and in offsetting acreage, notice is not required to be given to any offset. As a result, Pogo requests that the 20 day waiting period be waived.

This application is submitted in duplicate. Please call me if you need anything further on this matter.

Very truly yours,

A handwritten signature in dark ink, appearing to read "James Bruce", with a stylized, cursive script.

James Bruce
Attorney for Pogo
Producing Company

cc: T. Gant

pogo-aag.uol

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-2379
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
2. NAME OF OPERATOR POGO PRODUCING COMPANY (RICHARD WRIGHT)		7. UNIT AGREEMENT NAME ---
3. ADDRESS AND TELEPHONE NO. P.O. 10340 MIDLAND, TEXAS 79702 Phone 915-682-6822		8. FARM OR LEASE NAME WELL NO. Covington "A" Federal # 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1300' FWL & 2310' FNL SEC. 25 T22S-R32E LEA CO. NM At proposed prod. zone same		9. API WELL NO. ---
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 30 miles East of Carlsbad, N.M.		10. FIELD AND POOL, OR WILDCAT Red Tank-Bone Spring
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1300'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25 T22S R32E
16. NO. OF ACRES IN LEASE 1280		12. COUNTY OR PARISH Lea Co.
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 600'		19. PROPOSED DEPTH 9100'
20. ROTARY OR CABLE TOOLS ROTARY		21. APPROX. DATE WORK WILL START* As soon as approved
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3773' GR.		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	20" Conductor	NA	40'	Cement to surface w/Redi-Mix
14-3/4"	H-40 10-3/8"	32.75	800'	600 sx Circulate to surface
9-7/8"	J-55 7-5/8"	26.4	4600'	1300 sx " " "
6-3/4"	J-55 N-80 4 1/2"	11.6	9100'	950 sx Est. Top cement 3600'

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface w/Redi-mix.
2. Drill 14-3/4" hole to 800'. Run & set 800' of 10-3/4" H-40 32.75# ST&C casing. Cement with 600 sx. Class "C" Halco Light, tail in with 200 sx Class "C" + 2% CaCl. Circulate cement to surface.
3. Drill 9-7/8" hole to 4600'. Run & set 4600' of 7-5/8" J-55 & N-80 26.4# ST&C casing. Cement with 1100 sx class "C" Halco Light + 10% salt, tail in with 200 sx Class "C" premium cement + 1% CaCl. Circulate cement to surface.
4. Drill 6-3/4" hole to 9100'. Run & set 9100' of 4 1/2" J-55 & N-80 11.6# LT&C casing. Cement with 700 sx Class "H" Halco light, tail in with 250 sx of Class "H" premium cement + additives. Estimated top of cement 3600'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Joel T. Gamm TITLE Agent DATE 05/10/97
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the surface to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:



APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 51683	Pool Name RED TANK BONE SPRING
Property Code 009316	Property Name COVINGTON "A" FEDERAL	Well Number 3
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3773

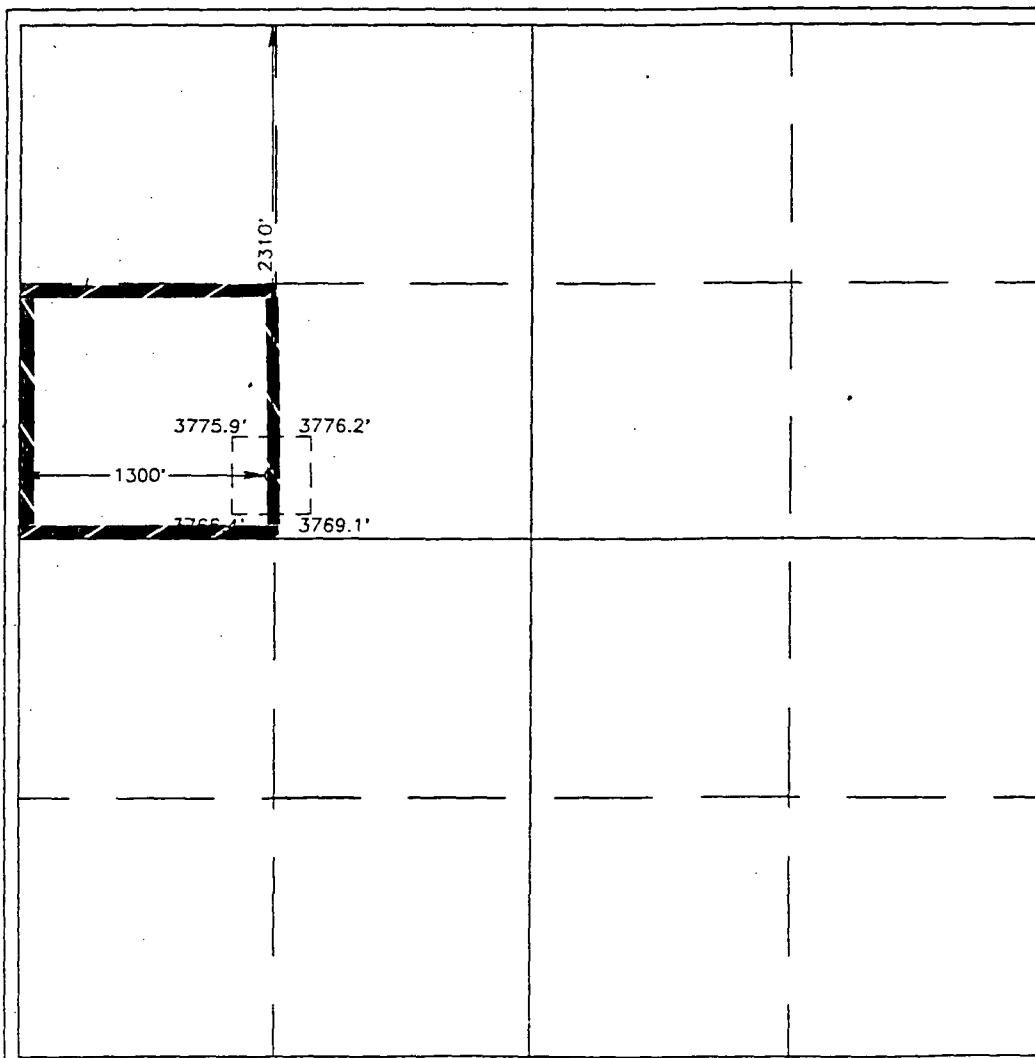
Surface Location

UL or lot No. E	Section 25	Township 22 S	Range 32 E	Lot Idn	Feet from the 2310	North/South line NORTH	Feet from the 1300	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Joe T. Janica
Signature

Joe T. Janica

Printed Name

Agent

Title 05/10/97

Date

SURVEYOR CERTIFICATION

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 belief.

APRIL 17, 1997

Date Surveyed
Signature & Seal of
Professional Surveyor

Donald J. Edson
3239
87-11-0689
Certificate No. JOHN W. EDSON 576
3239
2541

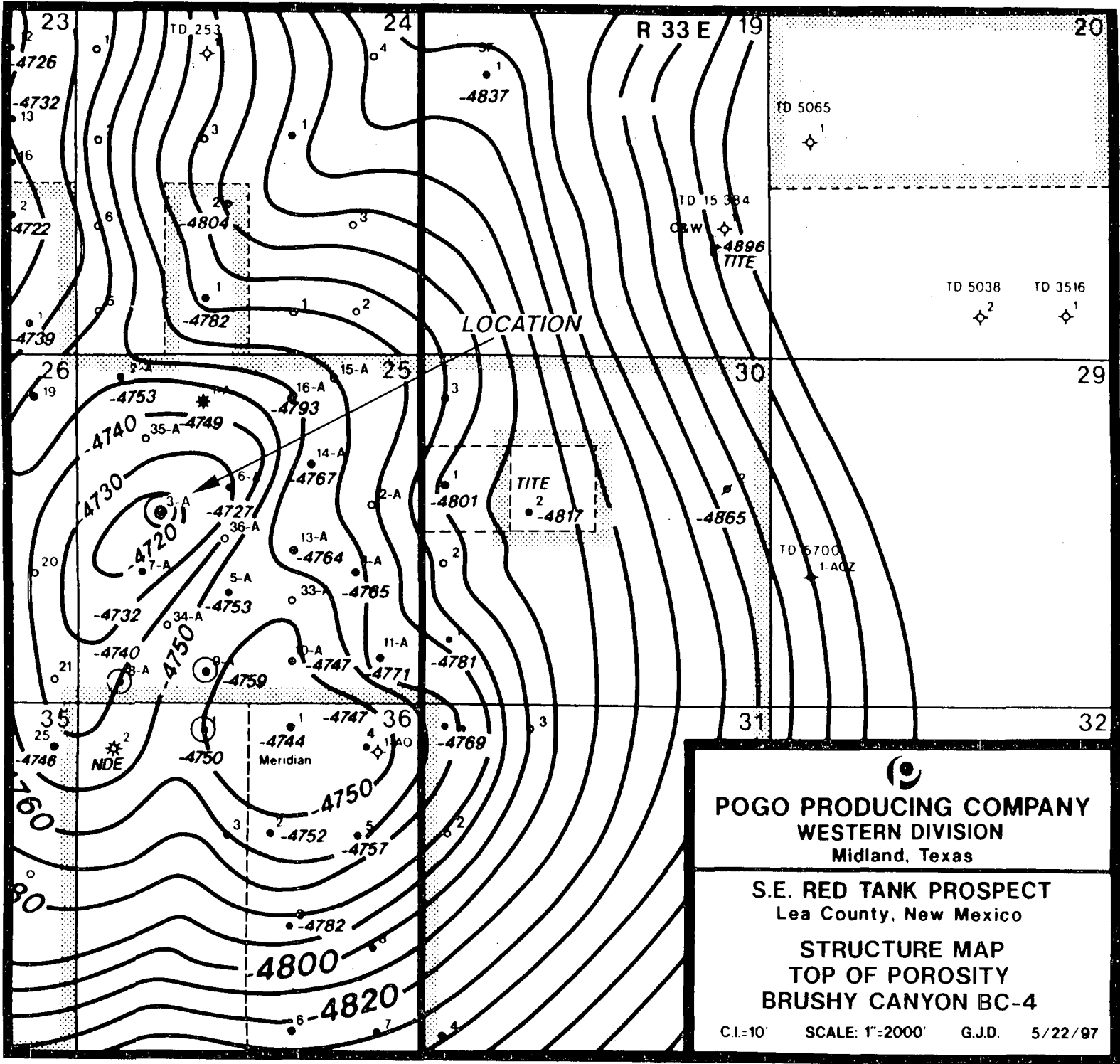
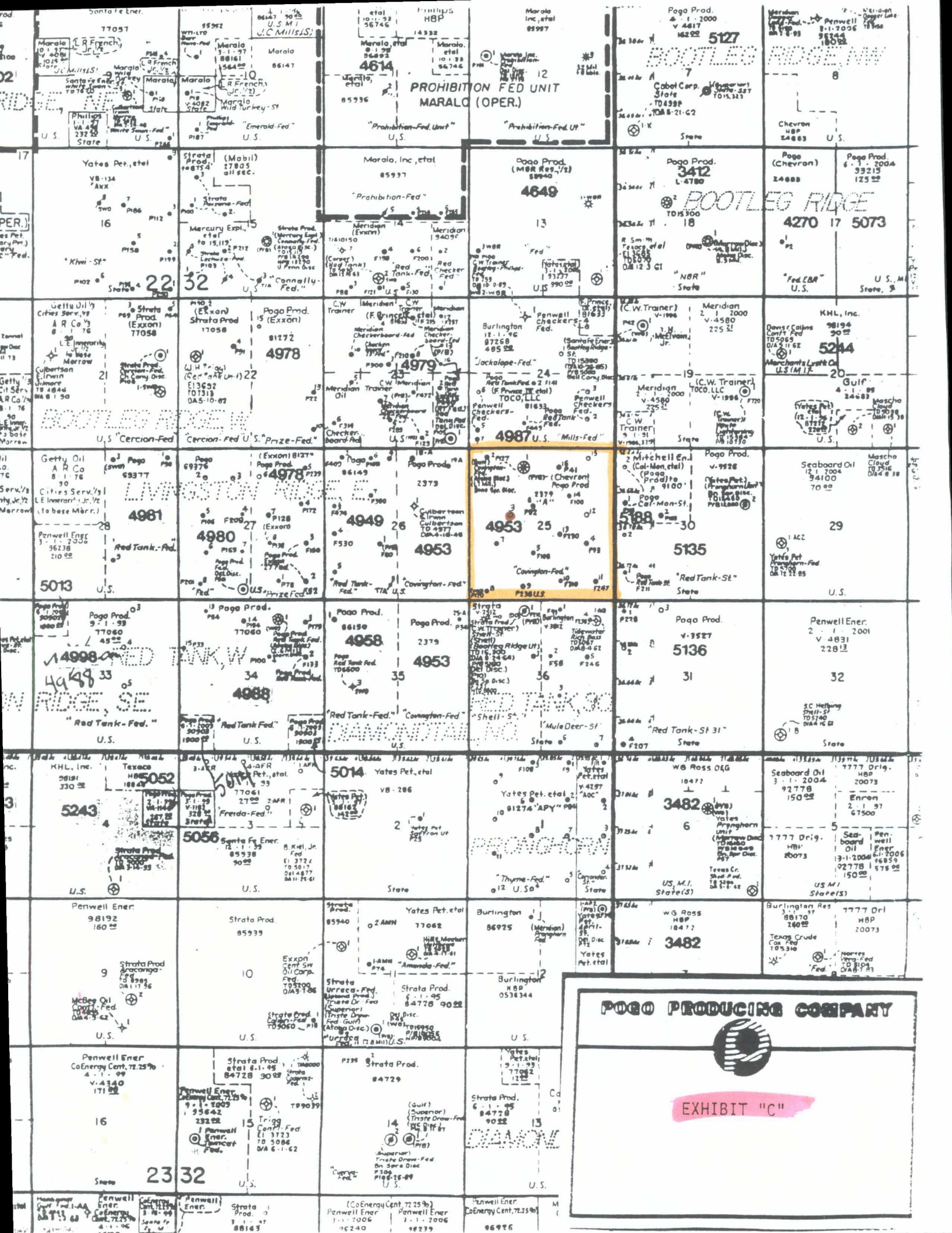
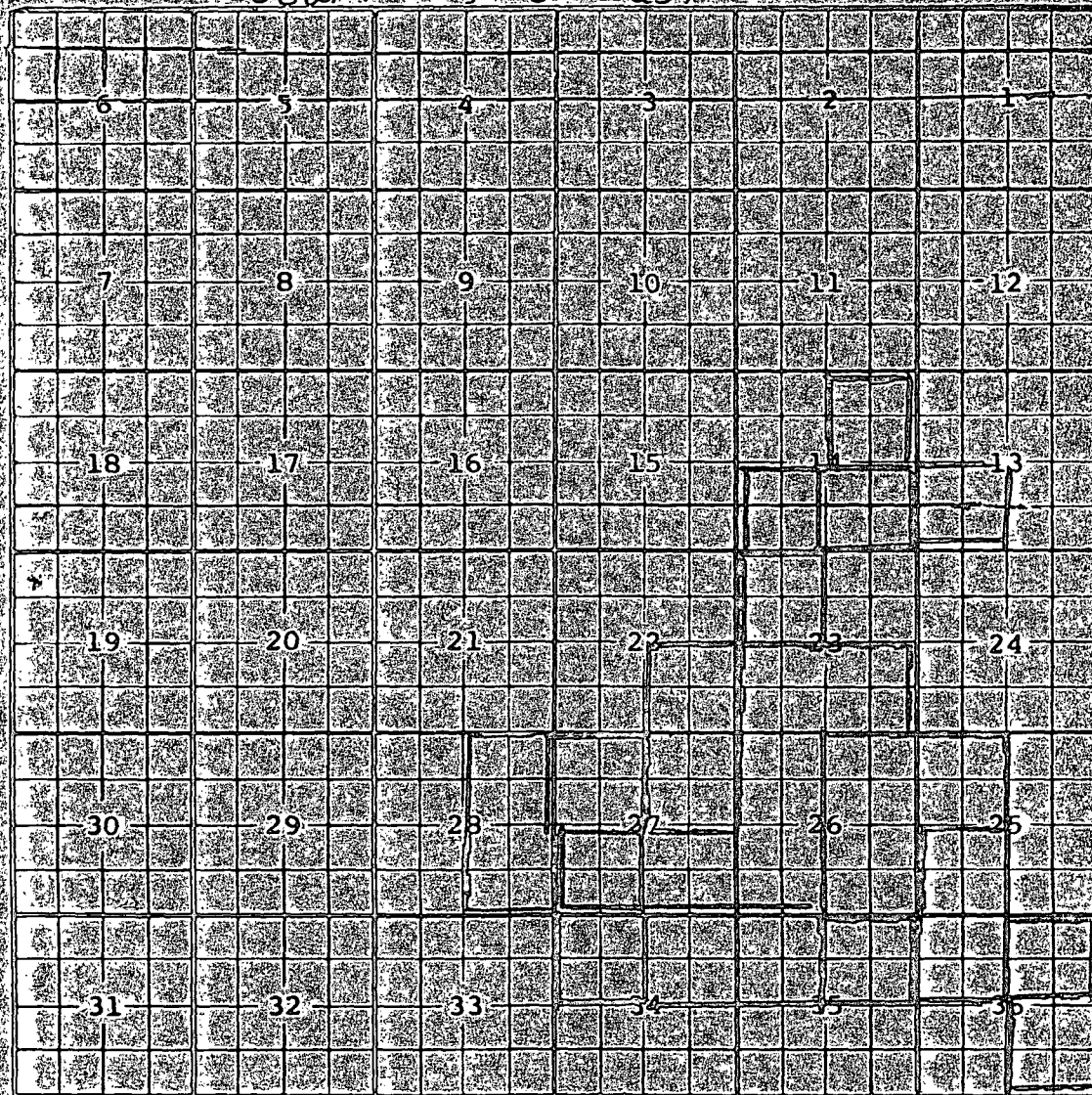


Exhibit "B"



county Lea pool West Red Tank-Delaware

TOWNSHIP 22 South Range 32 East NMPM



Description: SW 1/4 Sec. 27 (R-9792, 12-3-92)

Ext: SW 1/4 Sec. 23, NW 1/4 Sec. 26, SE 1/4 Sec. 27, E 1/2 Sec. 28 (R-9932, 8-17-93)

Ext: NW 1/4 Sec. 23 (R-10091, 3-28-94)

Ext: SW 1/4 Sec. 14, SE 1/4 Sec. 22, NE 1/4 Sec. 27, NE 1/4 Sec. 34, NW 1/4 Sec. 35 (R-101728-30-94)

Ext: SE 1/4 Sec. 14, NW 1/4 Sec. 34 (R-10303, 1-29-95) Ext: NE 1/4 Sec. 14 (R-10342, 4-24-95)

Ext: NE 1/4 Sec. 35 (R-10419, 7-17-95) Ext: SW 1/4 Sec. 25, NW 1/4 Sec. 36 (R-10495, 10-24-95)

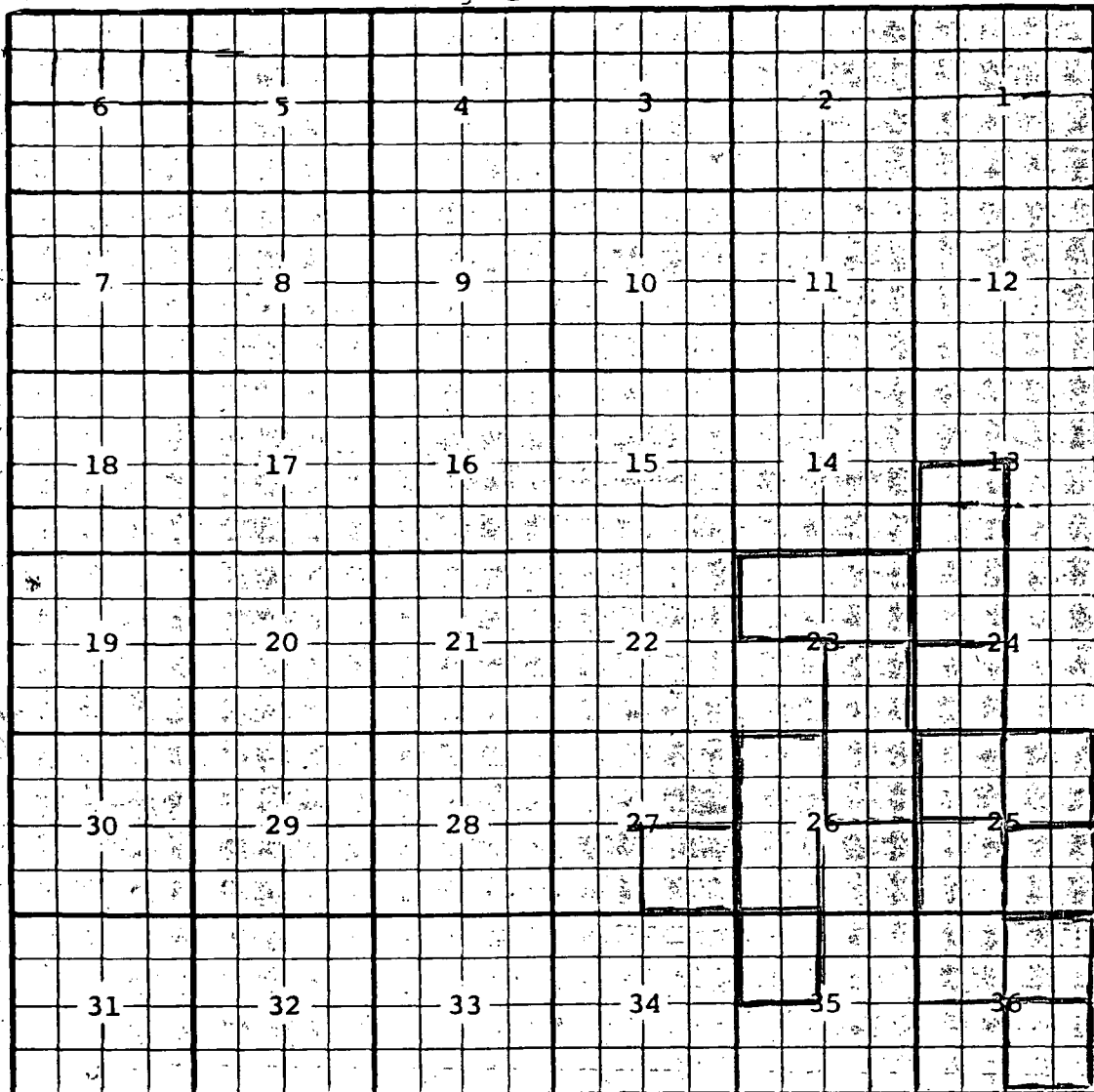
Ext: NW 1/4 Sec. 25, E 1/2 Sec. 26 (R-10641, 8-19-96)

Ext: SW 1/4 Sec. 13, NW 1/4 Sec. 27, NE 1/4 Sec. 36 (R-10776, 2-28-97)

Ext: SE 1/4 Sec. 36 (R-10795, 4-28-97)

County LEAPool RED TANK - BONE SPRINGTOWNSHIP 22 SOUTHRange 32 EAST

NMPM



DESC: NW/4 Sec. 25 (R-9447, 3-1-91) Ext: SE/4 Sec. 23, NE/4 Sec. 26 (R-9843, 2-8-93)

Ext: SW/4 Sec. 25, W/2 Sec. 26, NW/4 Sec. 36 (R-9937, 8-12-93)

Ext: SE/4 Sec. 27, NW/4 Sec. 35 (R-10091, 3-28-94)

Ext: N/2 Sec. 23 (R-10177, 8-30-94) Ext: SW/4 Sec. 24 (R-10342, 4-24-95)

Ext: NE/4 Sec. 36 (R-10419, 7-17-95) Ext: SW/4 Sec. 13, NW/4 Sec. 24, SE/4 Sec. 25 (R-10488, 10-13-95)

Ext: SE/4 Sec. 36 (R-10556, 3-11-96) Ext: NE/4 Sec. 25 (R-10641, 8-19-96)

CMD : ONGARD 07/10/97 18:55:13
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -EMDZ

OGRID Idn : 17891 API Well No: 30 25 32445 APD Status(A/C/P): A
Opr Name, Addr: POGO PRODUCING CO Aprvl/Cncl Date : 03-08-1994
PO BOX 10340
MIDLAND, TX 79702

Prop Idn: 9316 COVINGTON A FEDERAL Well No: 3

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
	---	---	-----	-----	-----		-----	-----
Surface Locn :	E	25	22S	32E			FTG 2310 F N	FTG 990 F W
OCD U/L :			API County :	25				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): O Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3774

State Lease No: Multiple Comp (Y/N) : S
Prpsd Depth : 9200 Prpsd Frmtn : BONE SPRING

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

API Well No : 30 25 32445 Eff Date : 03-10-1994 WC Status : A
 Pool Idn : 51683 RED TANK;BONE SPRING
 OGRID Idn : 17891 POGO PRODUCING CO
 Prop Idn : 9316 COVINGTON A FEDERAL

Well No : 003
 GL Elevation: 3774

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : E	25	22S	32E	FTG 1980 F N	FTG 660 F W		P

Lot Identifier:
 Dedicated Acre: 40.00
 Lease Type : F
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

07/10/97 18:54:17
OGOMES -EMDZ

API Well No : 30 25 32445 Eff Date : 03-10-1994 WC Status : A
Pool Idn : 51683 RED TANK;BONE SPRING
OGRID Idn : 17891 POGO PRODUCING CO
Prop Idn : 9316 COVINGTON A FEDERAL

Well No : 003
GL Elevation: 3774

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : E	25	22S	32E	FTG 1980 F N	FTG 660 F W	P	
Lot Identifier:							
Dedicated Acre: 40.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
5. Lease Designation and Serial No.
NM-2379

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-7340

3. Address and Telephone No.
PHONE 915-682-6822 (RICHARD WRIGHT)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2310' FNL & 990' FWL SEC. 25 T22S-R32E Lea Co. New Mexico.
Unit E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Covington "A" Federal # 3

9. API Well No.
30-025-32445

10. Field and Pool, or Exploratory Area
Red tank Bone Spring

11. County or Parish, State
Lea Co. New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☒ Altering Casing
- ☒ Other *change depth*
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-Off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- Alter depth and casing.
26" hole 20" conductor cement with Redi-mix to surface.
14 3/4" hole 10 3/4" casing 32.7# 800' cement W/650 Sx. circulate to surface.
9 7/8" hole 7 5/8" casing 26.4# 4600' cement W/1300 Sx. circulate to surface.
6 3/4" hole 4 1/2" casing 11.6# 9200' cement W/950 Sx. top cement 3600'.
- Change location from 1980' FNL & 660' FWL SEC. 25 to 2310' FNL & 990' FWL SEC. 25.
- Change depth from 10,200' to 9200'.
- Construct Power Line East from existing Line to well and lay a pipe line along existing ROW to central tank battery.

14. I hereby certify that the foregoing is true and correct

Signed *Gary Bowers*

Title AGENT

Date 08/15/96

(This space for Federal or State office use)

Approved by */s/ Gary Bowers*

Title *Acting Area Manager*

Date *SEP 8 1996*

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 51683	Pool Name RED TANK BONE SPRING
Property Code 009316	Property Name COVINGTON A FEDERAL	Well Number 3
OGRID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3769'

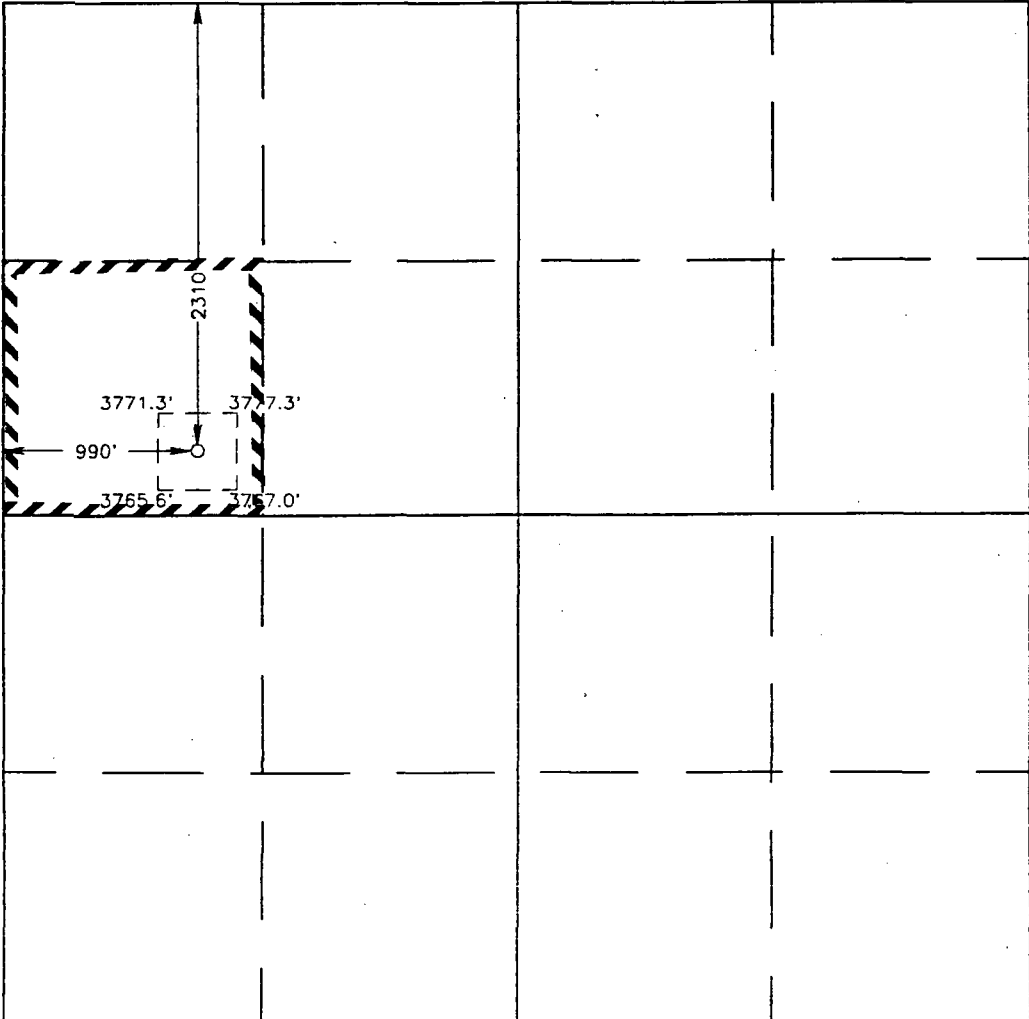
Surface Location

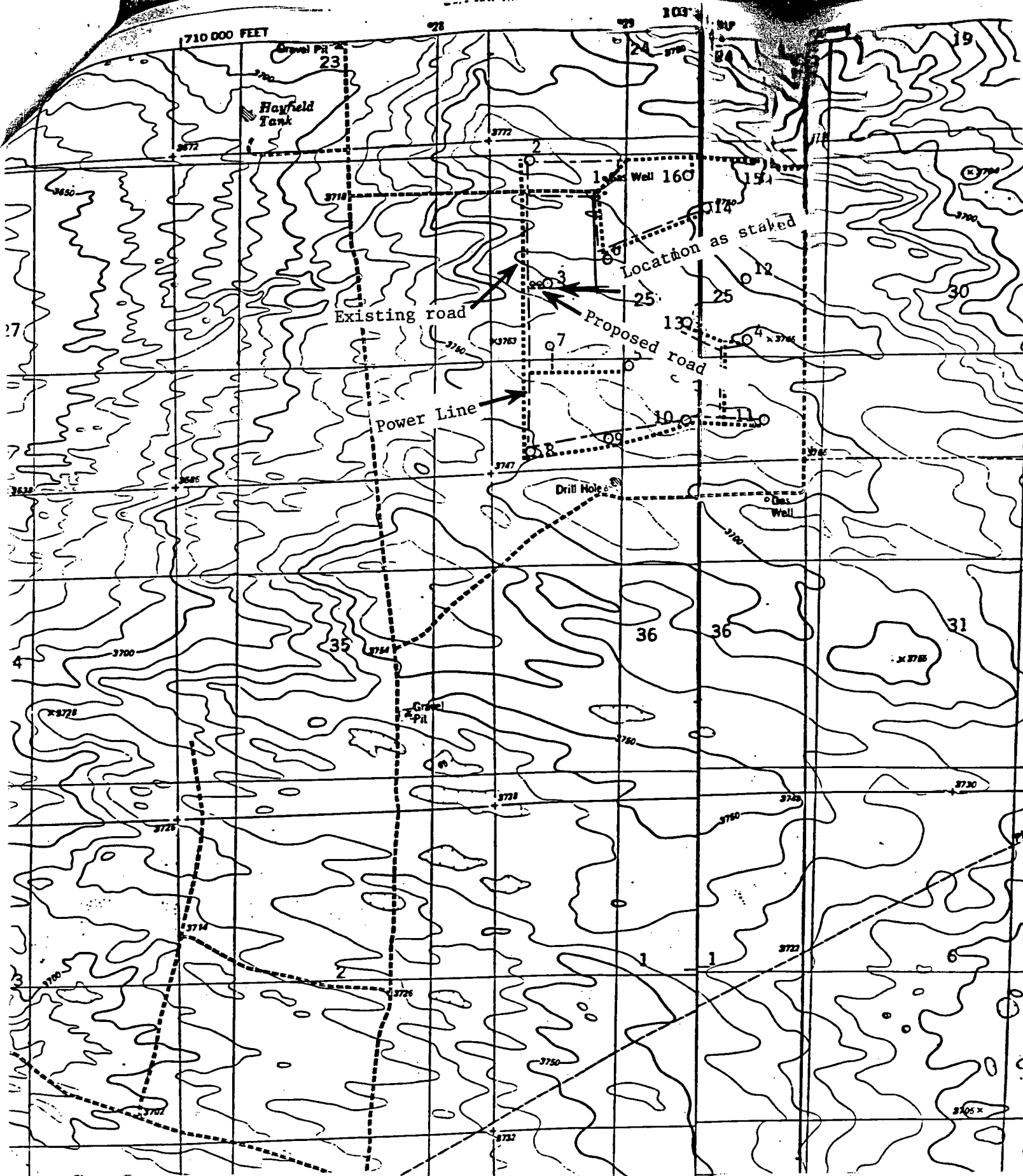
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	22 S	32 E		2310	NORTH	990	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

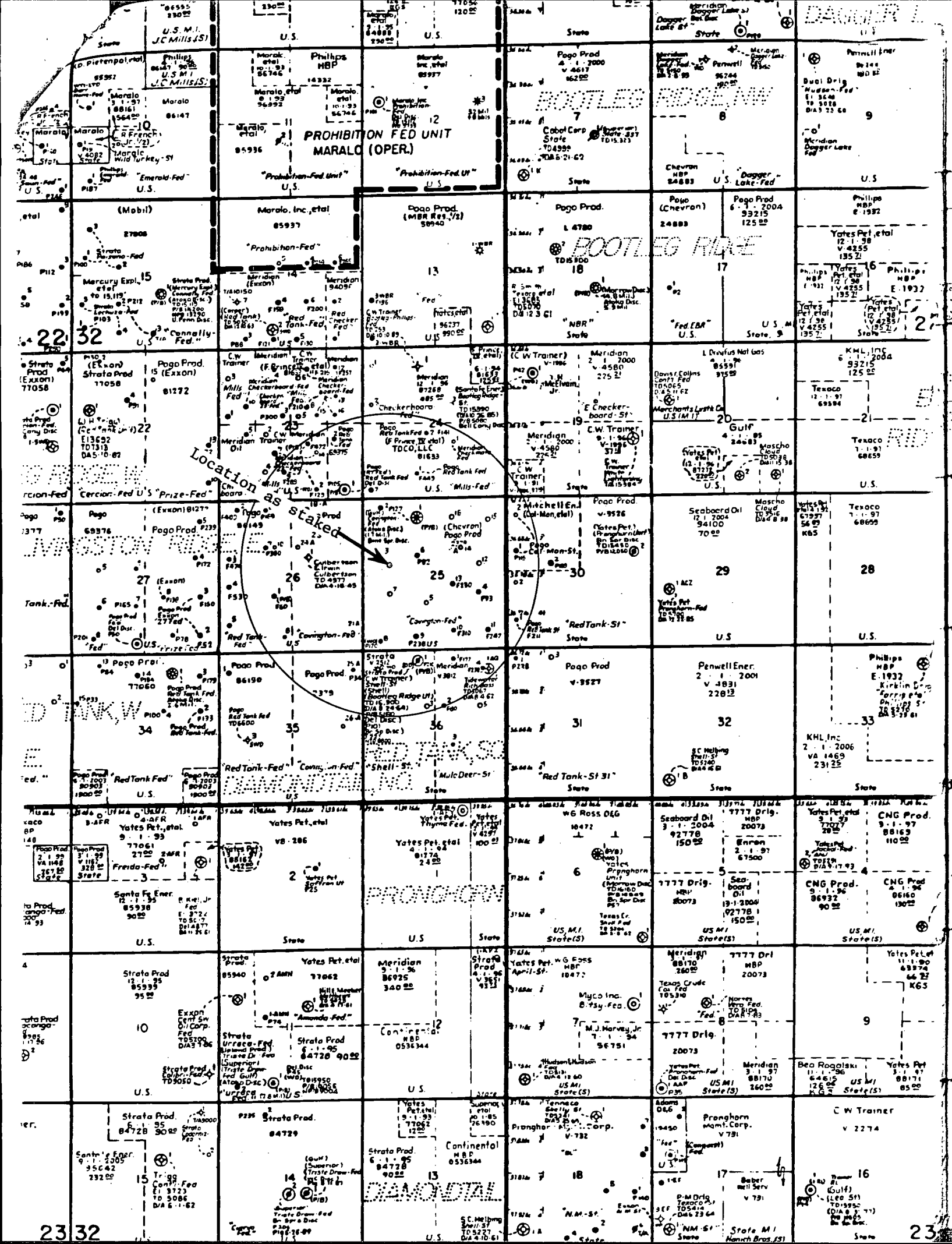
	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T Janica</i> Signature Joe T. Janica Printed Name Agent Title 8/15/96 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well 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 belief.</p> <p>AUGUST 13, 1996</p> <p>Date Surveyed Signature & Seal of Professional Surveyor Professional Surveyor 8/15/96 00-11-1034 Certificate No. JOHN W. EIDSON 676 RONALD J. EIDSON 3239 JAC CEDRON 12641</p>
---	--



LEGEND:

- Existing Roads
- Proposed Roads
- Existing Power Lines
- Proposed Power Lines
- Proposed Flow Lines

POGO Producing Co.
 Covington "A" Fed #3
 2310' FNL & 990' FWL Sec 25
 T22S-R32E Lea Co. NM



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Pogo Producing Company

3. Address and Telephone No.

P. O. Box 10340, Midland, TX 79702-7340 (915)682-6822

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL & 660' FWL, Section 25, T22S, R32E

5. Lease Designation and Serial No.

NM-2379

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Covington A Federal #3

9. API Well No.

30-025-32445

10. Field and Pool, or Exploratory Area

Red Tank Bone Spring

11. County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other APD Extension
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pogo Producing Company respectfully request an extension on the approved APD for the above captioned well. The existing expiration date is 8/22/96. We would appreciate a one year extension to 8/22/97. Our plans are to drill this well with in the next 12 months.

APPROVED FOR 12 MONTH PERIOD

ENDING 8/22/97

14. I hereby certify that the foregoing is true and correct

Signed

Richard L. Wright

Title Division Operations Manager

Date 8/7/96

(This space for Federal or State office use)

Approved by

(Stamp: BLM, OGD) JOE G. LARA

Title

PERMITTING ENGINEER

Date

8/21/96

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

POGO PRODUCING COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 10340, MIDLAND, TEXAS 79702 (915-682-6822)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FNL AND 660' FWL OF SECTION 25

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

29 MILES WEST OF EUNICE, NEW MEXICO

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

1280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

10,200'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3773.7' GR Carbide Controlled Water Depth

22. APPROX. DATE WORK WILL START*

UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	800'	SUFFICIENT TO CIRCULATE
11"	8-5/8"	32#	4600'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	17#	10,200'	TO TIE BACK 200' INTO 8-5/8"

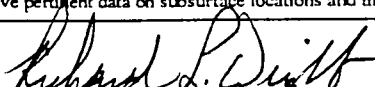
AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED
AND STIMULATED AS NECESSARY.SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA
BOP SKETCH
SURFACE USE AND OPERATIONS PLAN
HYDROGEN SULFIDE DRILLING OPERATIONS PLANNOTE: THIS IS A RESUBMISSION OF AN APPLICATION FOR PERMIT
TO DRILL (API NO. 30-025-32445) THAT EXPIRED.

THERE IS NO CHANGE IN WELL LOCATION OR PLANNED ACCESS ROAD.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED


Richard L. Wright

TITLE

Division Operations Mgr.

DATE

5/12/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

GEOLOGICAL DIVISION

TITLE

Special Agent

DATE

AUG 11 1995

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-77

OIL CONSERVATION DIVISION

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

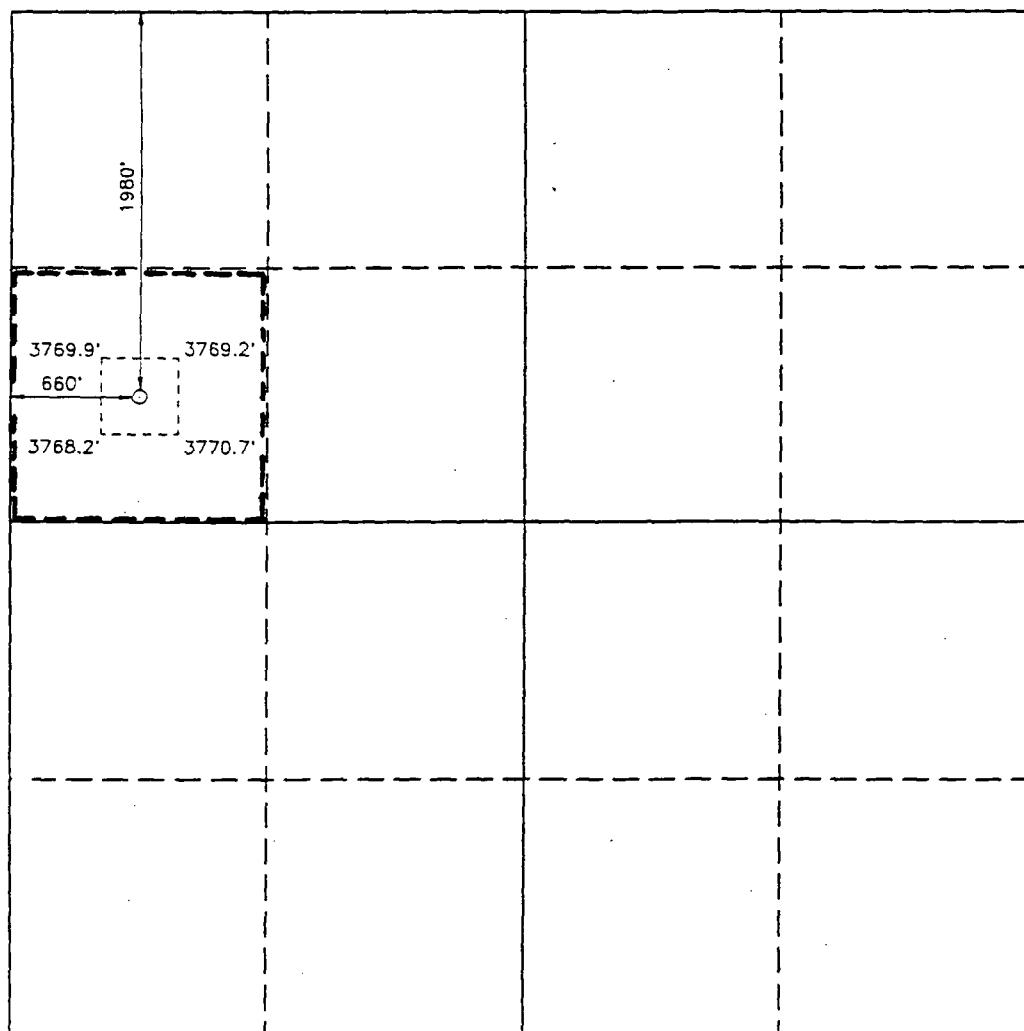
Operator POGO PRODUCING COMPANY		Lease COVINGTON "A" FEDERAL		Well No. 3	
Unit Letter E	Section 25	Township 22 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the WEST line					
Ground Level Elev. 3773.7'	Producing Formation BONE SPRINGS		Pool RED TANK BONE SPRINGS	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

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



OPERATOR CERTIFICATION

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

Signature *Richard L. Wright*

Printed Name
Richard L. Wright

Position
Division Operations Mgr.

Company
POGO PRODUCING COMPANY

Date
June 12, 1995

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or 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.

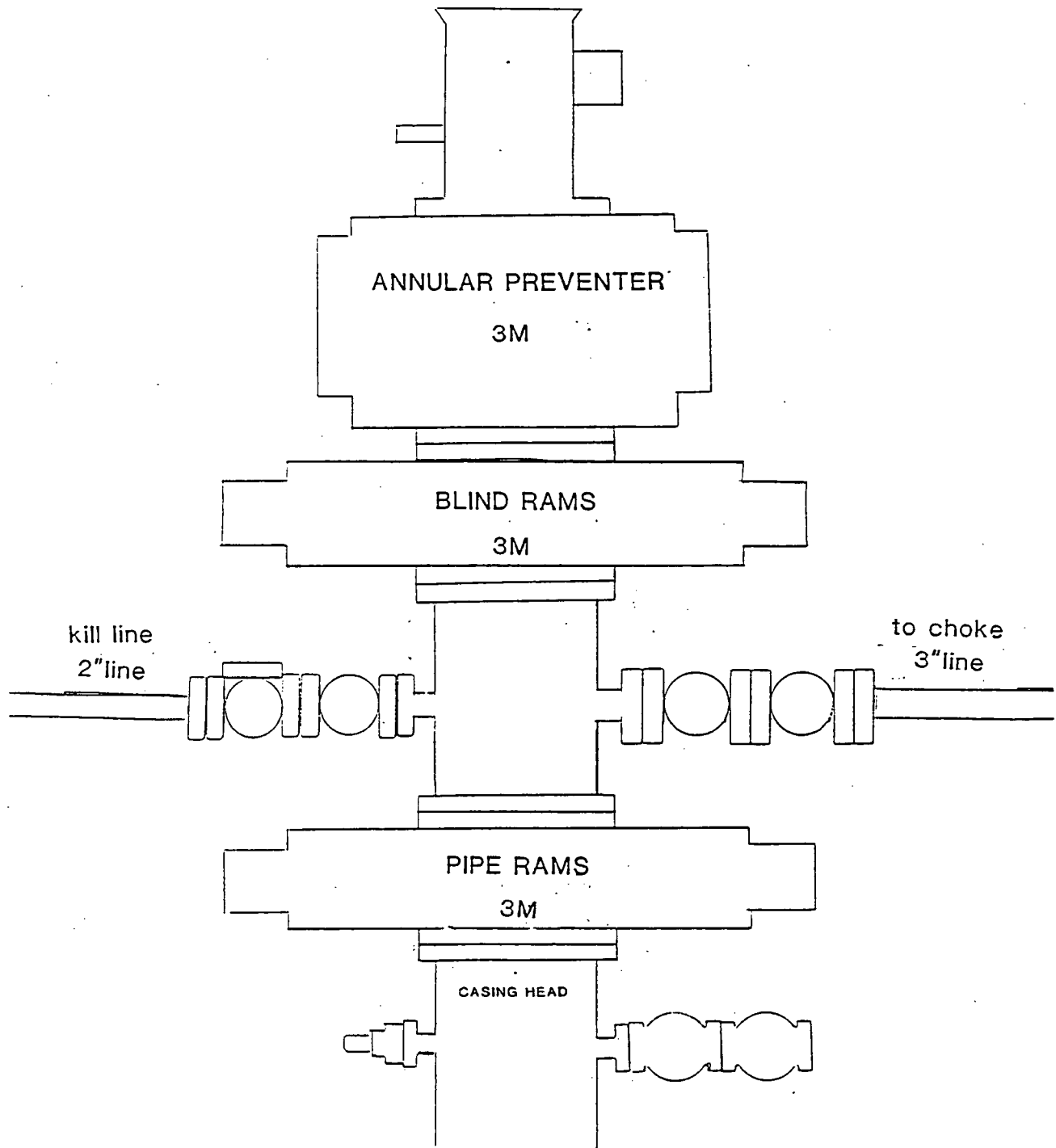
Date Surveyed
OCTOBER 4, 1993

Signature & Seal of
Professional Surveyor

John W. Webb
GARY L. JONES
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
7922
JOHN W. WEBB
RONALD L. EDDON
PROFESSIONAL SURVEYOR

93-11-1897

POGO PRODUCING COMPANY
COVINGTON "A" FEDERAL WELL NO. 3

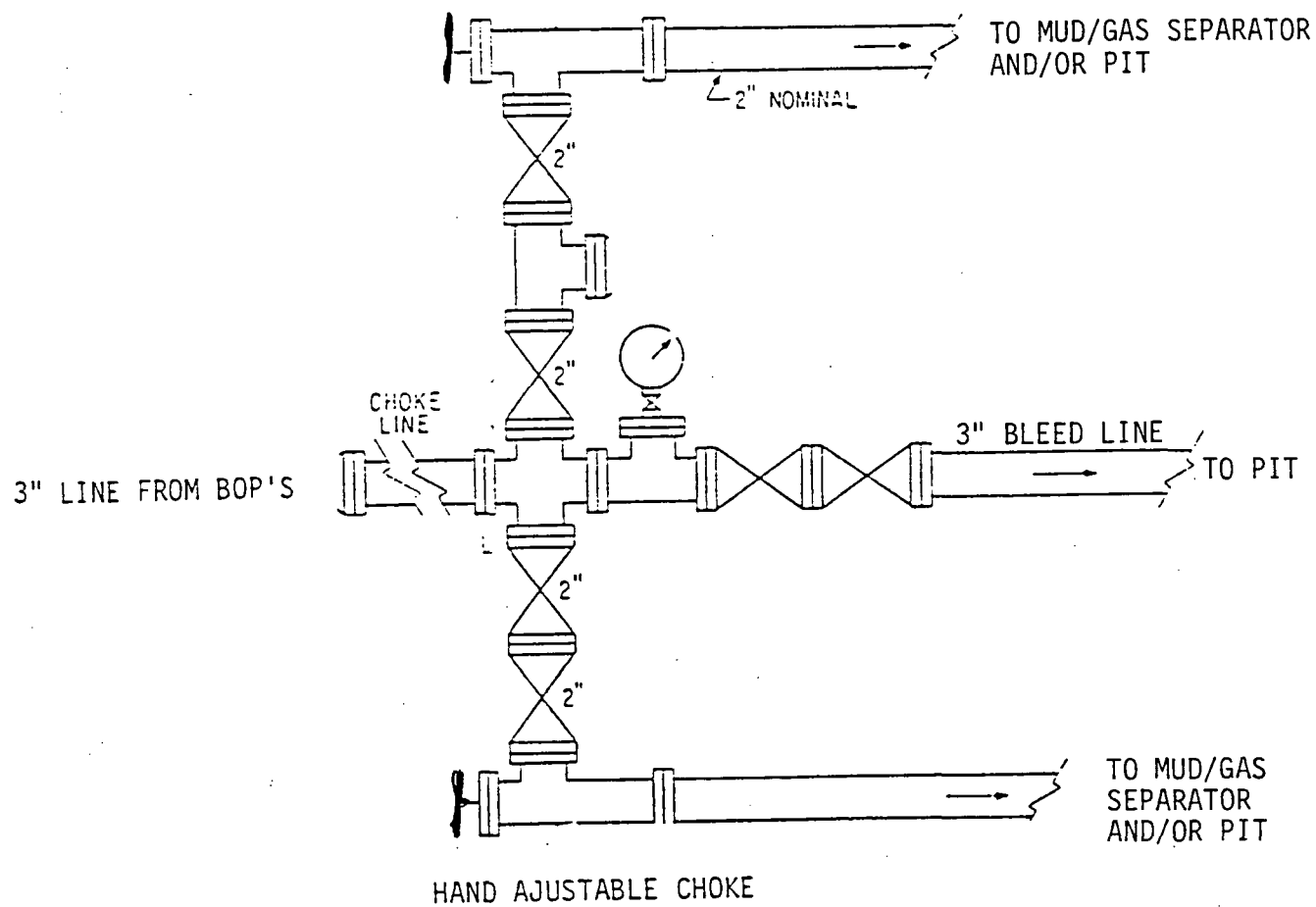


POGO PRODUCING CO

3M CHOKE MANIFOLD

COVINGTON "A" FEDERAL WELL NO. 3

HAND AJUSTABLE CHOKE



N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Pogo Producing Company

3. Address and Telephone No.

P. O. Box 10340, Midland, TX 79702-7340 (915)682-6822

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL & 660' FWL, Section 25, T22S, R32E

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

194 MAR 11 1994

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-2379

6. If Indian, Ailotee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Covington A Federal No. 3

9. API Well No.

30-025-32445

10. Field and Pool, or Exploratory Area

Undes Red Tank Bone Springs

11. County or Parish, State

Lea County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pogo Producing Company request permission to use produced water to drill Delaware and Bone Springs wells after surface pipe has been set and cemented. Attached are copies of water analysis caught at our Red Tank 28 Federal No. 3 and Calmon No. 5 SWD's which collect and inject waters produced from the Delaware and Bone Springs formations. This analysis shows Pogo's produced waters are extremely high in chlorides and are basically 10# brine water thus will not adversely effect the salt sections.

RECEIVED
FEB 9 10 55 AM '94
CARLSON
AREA

14. I hereby certify that the foregoing is true and correct

Signed Barrett L. Smith

Title Senior Operations Engineer

Date February 7, 1994

(This space for Federal or State office use)

Approved by Timothy P. O'Brien

Title (acting) AREA MANAGER

Date MAR 3 1994

TRETOLITE

Chemicals and Services

PETROLITE

16010 Barker's Point Lane • Houston, Texas 77079
713 558-5200 • Telex: 4620346 • FAX: 713 589-4737

Reply to: P.O. Box FF
Artesia, New Mexico 88210
(505) 746-3588 Phone
(505) 746-3580 Fax

WATER ANALYSIS REPORT

Company : POGO PRODUCING
Address : MIDLAND, TEXAS
Lease : CALMON #5
Well : SWD
Sample Pt. : UNKNOWN

Date : 09/03/93
Date Sampled : 09/02/93
Analysis No. : 330

ANALYSIS		mg/L		* meq/L
1. pH	5.1			
2. H ₂ S	0 PPM			
3. Specific Gravity	1.165			
4. Total Dissolved Solids		261670.1		
5. Suspended Solids		NR		
6. Dissolved Oxygen		NR		
7. Dissolved CO ₂		NR		
8. Oil In Water		NR		
9. Phenolphthalein Alkalinity (CaCO ₃)				
10. Methyl Orange Alkalinity (CaCO ₃)				
11. Bicarbonate	HCO ₃	61.0	HCO ₃	1.0
12. Chloride	Cl	161880.0	Cl	4566.4
13. Sulfate	SO ₄	50.0	SO ₄	1.0
14. Calcium	Ca	16400.0	Ca	818.4
15. Magnesium	Mg	3338.4	Mg	274.7
16. Sodium (calculated)	Na	79900.7	Na	3475.5
17. Iron	Fe	40.0		
18. Barium	Ba	NR		
19. Strontium	Sr	NR		
20. Total Hardness (CaCO ₃)		54700.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/L
818 *Ca <----- *HCO ₃	Ca(HCO ₃) ₂	81.0	1.0	81
----- /----->	CaSO ₄	68.1	1.0	71
275 *Mg -----> *SO ₄	CaCl ₂	55.5	816.3	45298
----- <----- /	Mg(HCO ₃) ₂	73.2		
3475 *Na -----> *Cl	MgSO ₄	60.2		
	MgCl ₂	47.6	274.7	13075
Saturation Values Dist. Water 20 C	NaHCO ₃	84.0		
CaCO ₃ 13 mg/L	Na ₂ SO ₄	71.0		
CaSO ₄ * 2H ₂ O 2090 mg/L	NaCl	58.4	3475.5	203106
BaSO ₄ 2.4 mg/L				

REMARKS:

A. MILLER / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT

TRETOLITE

Chemicals and Services

16010 Barker's Point Lane • Houston, Texas 77079
713 558-5200 • Telex: 4620348 • FAX: 713 589-4737Reply to: P.O. Box FF
Artesia, New Mexico 88210
(505) 746-3588 Phone
(505) 746-3580 Fax**WATER ANALYSIS REPORT**Company : POGO PRODUCING
Address : MIDLAND, TEXAS
Lease : 28-3
Well : SWD
Sample Pt. : TANKDate : 10/22/93
Date Sampled : 10/22/93
Analysis No. : 370

ANALYSIS		mg/L		meq/L
1. pH	5.3			
2. H2S	NR			
3. Specific Gravity	1.140			
4. Total Dissolved Solids		223918.2		
5. Suspended Solids		NR		
6. Dissolved Oxygen		NR		
7. Dissolved CO2		NR		
8. Oil In Water		NR		
9. Phenolphthalein Alkalinity (CaCO3)				
10. Methyl Orange Alkalinity (CaCO3)				
11. Bicarbonate	HCO3	97.0	HCO3	1.6
12. Chloride	Cl	138024.0	Cl	3393.5
13. Sulfate	SO4	375.0	SO4	7.8
14. Calcium	Ca	13600.0	Ca	578.6
15. Magnesium	Mg	2583.6	Mg	212.6
16. Sodium (calculated)	Na	69238.6	Na	3011.7
17. Iron	Fe	NR		
18. Barium	Ba	NR		
19. Strontium	Sr	NR		
20. Total Hardness (CaCO3)		44600.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt	X meq/L	= mg/
679 *Ca <----- *HCO3	Ca(HCO3)2	81.0	1.6	129
----- / ----->	CaSO4	68.1	7.8	531
213 *Mg -----> *SO4	CaCl2	55.5	669.2	37136
----- <----- /	Mg(HCO3)2	73.2		
3012 *Na -----> *Cl	MgSO4	60.2		
	MgCl2	47.6	212.6	10119
Saturation Values Dist. Water 20 C	NaHCO3	84.0		
CaCO3 13 mg/L	Na2SO4	71.0		
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	3011.7	176002
BaSO4 2.4 mg/L				

REMARKS:

A. MILLER / FILE

RED TANK 23 SWD

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

POGO PRODUCING COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 10340, MIDLAND, TEXAS 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)

At surface

1980' FNL AND 660' FWL OF SECTION 25

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

29 MILES WEST OF EUNICE, NEW MEXICO

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

1280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

10,100

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3773.7' GR

22. APPROX. DATE WORK WILL START*

UPON APPROVAL

23.

PROPOSED CASING AND CEMENTING PROGRAM

Carlsbad Controlled Water Basin

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	800	SUFFICIENT TO CIRCULATE
11"	8-5/8"	32#	4600'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	17#	10,100'	TO TIE BACK TO 3600'

AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED
AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA
BOP SKETCH
SURFACE USE AND OPERATIONS PLAN
HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

OPER. OGRID NO. 017891

PROPERTY NO. 009316

POOL CODE 51683

EFF. DATE 3-8-94

API NO. 30-025-32445

Approval Subject to
General Requirements and
Special Stipulations
Attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Richard L. Wright

TITLE

Division Operations Mgr.

DATE

January 5, 1994

PERMIT NO.

APPROVAL DATE

(acting)
AREA MANAGER

APPROVED BY

Timothy P. O'Brien

TITLE

DATE

MAR 3 1994

CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

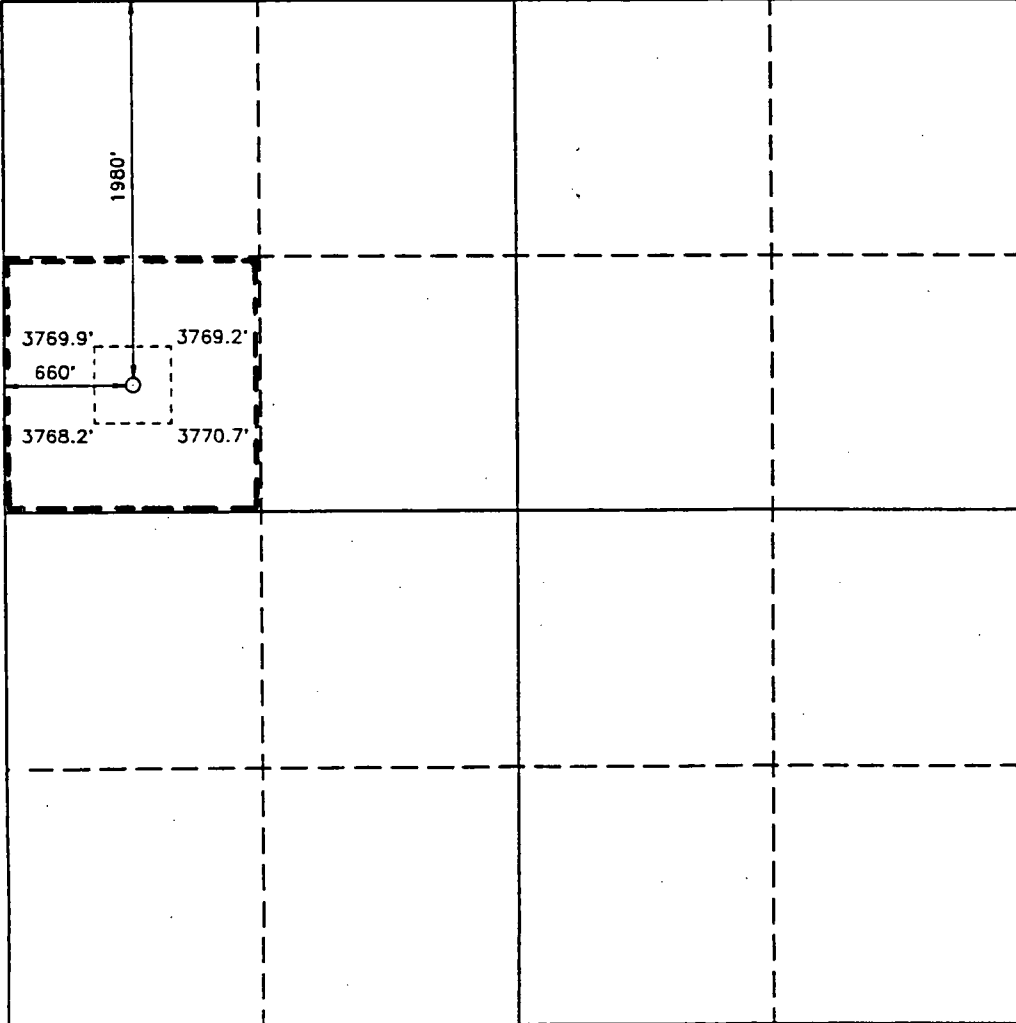

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

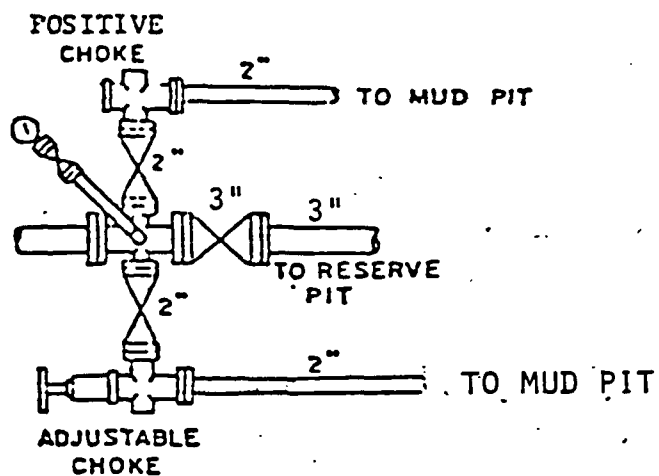
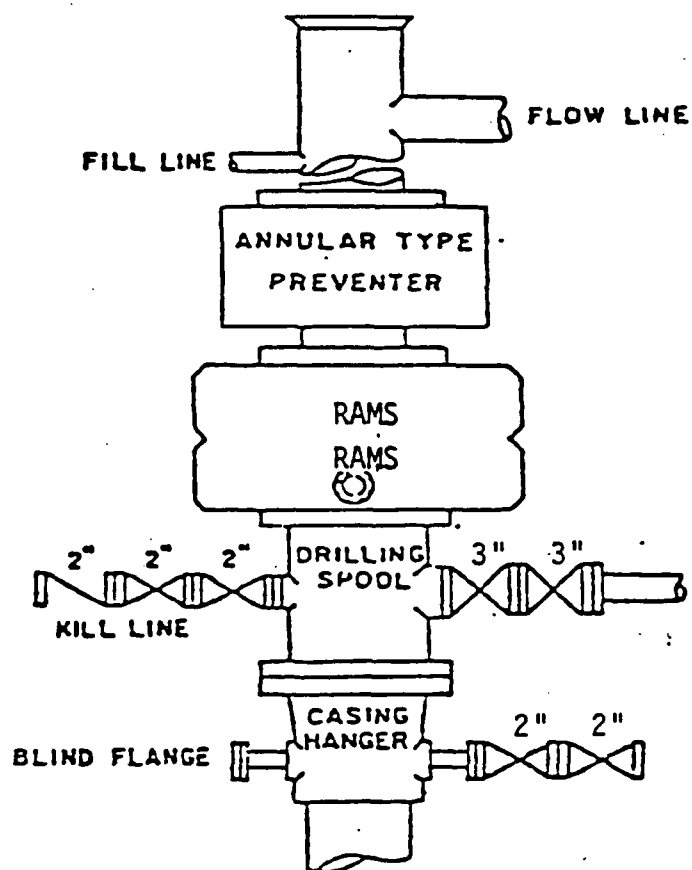
DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator POGO PRODUCING COMPANY		Lease COVINGTON "A" FEDERAL		Well No. 3
Unit Letter E	Section 25	Township 22 SOUTH	Range 32 EAST NMPM	County LEA
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the WEST line				
Ground Level Elev. 3773.7'	Producing Formation BONE SPRINGS	Pool RED TANK BONE SPRINGS	Dedicated Acreage: 40 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary. _____)</p> <p>No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>				
<div><p>1980'</p><p>3769.9'</p><p>3769.2'</p><p>660'</p><p>3768.2'</p><p>3770.7'</p></div>				
<p>0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0</p>				
<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>Richard L. Wright</i></p> <p>Printed Name Richard L. Wright</p> <p>Position Division Operations Mgr.</p> <p>Company POGO PRODUCING COMPANY</p> <p>Date December 31, 1993</p>				
<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date Surveyed OCTOBER 4, 1993</p> <p>Signature & Seal of Professional Surveyor </p> <p>Certificate No. <i>JOHN W. WEST</i> 878 <i>RONALD J. EDSON</i> 3239 <i>KEVIN</i> 7877</p> <p>93-11-1897</p>				



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT