

30-025-31744

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SEP 29

3160(067)
NM-69372

CCC-9-21-92

Rem 9/24/92

pgs by 9/24/92

J Ferguson 9/25/92

CERTIFIED--RETURN RECEIPT REQUESTED
P 864 872 890

Pogo Producing Company
Attention: Richard L. Wright
P. O. Box 10340
Midland, TX 79702

RE: LR 7 Federal Well No. 2
NM-69372
660' FSL & 760' FWL, Sec. 7, T22S, R32E
Lea County, New Mexico

Dear Mr. Wright:

I am pleased to approve your Application for Permit to Drill (APD) at the present location. Your copy of the APD, with attached stipulations, is enclosed.

If you need any additional information, please contact Tony Herrell at the Carlsbad Resource Area (505) 887-6544.

Sincerely,

Monte G. Jordan

for Larry L. Woodard
State Director

1 Enclosure:
1 - Application for Permit to Drill (APD)

bcc:
NM (910, L. Woodard)
NM (920, R. Smith)
NM (067, T. Herrell)
NM (060, A. Lopez)
NM (060, L. Cone)

067:Jolsen:nm:09/12/92:A:\lr7f2.AL

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CCD PHOTOGRAPH

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

017891

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

Unit m

660' FSL AND 760' FWL OF SECTION 7

At proposed prod. zone

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

31 MILES EAST OF CARLSBAD, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

660

16. NO. OF ACRES IN LEASE

324.38

17. NO. OF ACRES ASSIGNED
TO THIS WELL

44.38

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

3860'

19. PROPOSED DEPTH

8650'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3639.3' GR

Controlled Water Basin

22. APPROX. DATE WORK WILL START*

UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	850'	SUFFICIENT TO CIRCULATE
11"	8-5/8"	24#, 32#, 28#	4550'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	15.5# & 17#	8650'	1000 SACKS - TO TIE BACK

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

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
Richard L. Wright

TITLE Division Operations Supr.

DATE August 25, 1992

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

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

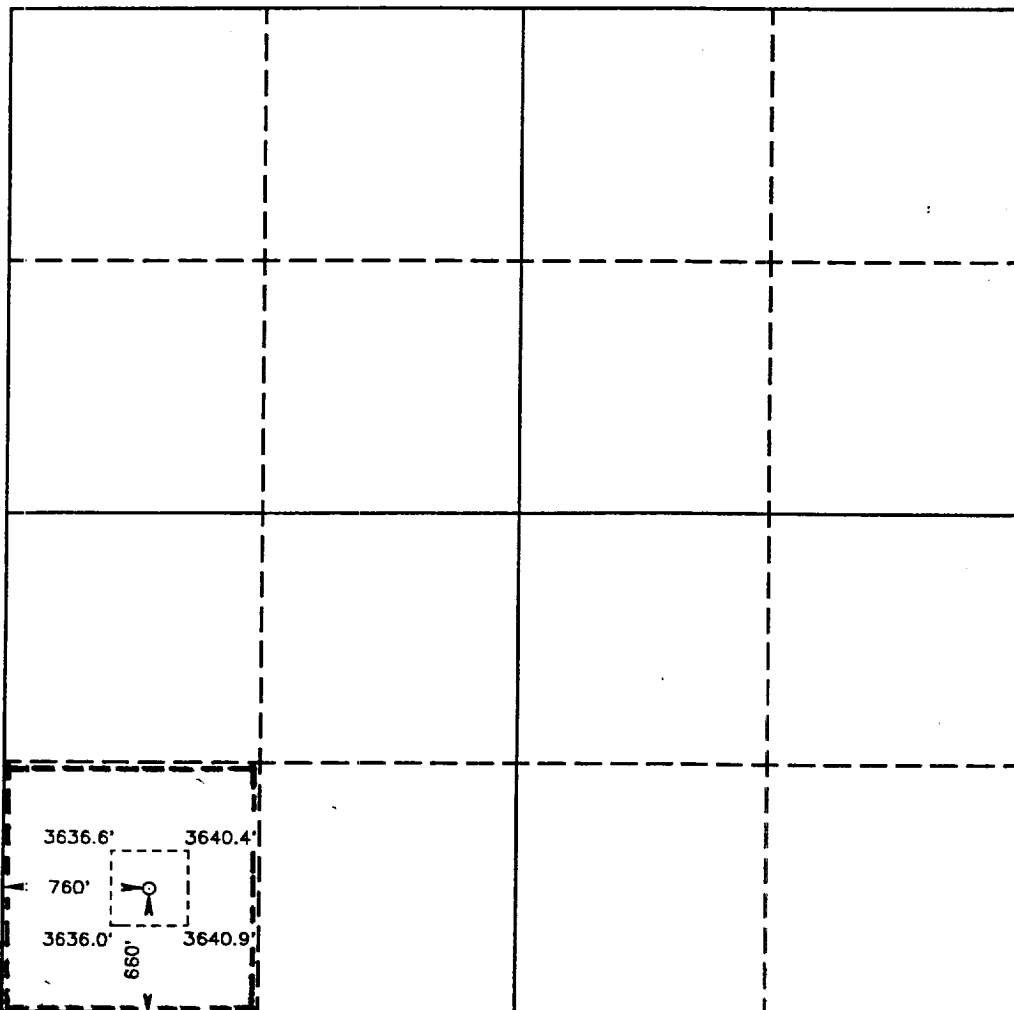
Operator POGO PRODUCING COMPANY		Lease L.R. 7 FEDERAL ✓		Well No. 2
Unit Letter M	Section 7	Township 22 SOUTH	Range 32 EAST NMPM	County LEA
Actual Footage Location of Well:				
660 feet from the SOUTH line and 760 feet from the WEST line				
Ground Level Elev. 3639.3'	Producing Formation DELAWARE		Pool UNDESIGNATED EAST LIVINGSTON RIDGE DELAWARE	Dedicated Acreage: 44.38 Acres

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 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 communization, 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 _____

Printed Name _____

Richard L. Wright

Position

Division Operations Supr.

Company

POGO PRODUCING COMPANY

Date _____

August 25, 1992

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 knowledge and belief.

Date Surveyed

AUGUST 13, 1992

Signature & Seal of
Professional Surveyor

REGISTERED LAND

No

3239

Certificate No. 1-5

RONALD L. EIDSON

92-11-1

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OLD HOBBS OFFICE

SUPPLEMENTAL DRILLING DATA

POGO PRODUCING COMPANY

LR 7 FEDERAL WELL NO.2

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler	800'
Delaware	4600'
Bell Canyon	4650'
Cherry Canyon	5600'
Brushy Canyon	7300'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Brushy Canyon	Oil
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4. PROPOSED CASING AND CEMENTING PROGRAM:

13-3/8" 54.5# K-55 ST&C casing is to be set at approximately 850 feet in 17-1/2" hole. Casing to be cemented with 500 sacks of Light cement tailed in with 200 sacks of Class "C" with 2% CaCl. Cement to circulate.

8-5/8" 24#, ~~28#~~, and 32# ~~K-55~~ and ~~N-80~~ ST&C casing is to be set at approximately 4550 feet in 11" hole. Casing is to be cemented with 1200 sacks of Light cement tailed in with 200 sacks of Class "C". Cement to circulate.

5-1/2" 15.5# and 17# K-55 and N-80 LT&C casing is to be set at 8650 feet in 7-7/8" hole. Casing is to be cemented with 900 sacks of Class "H" cement. Cement to tie back to 3550 feet.

5. PRESSURE CONTROL EQUIPMENT:

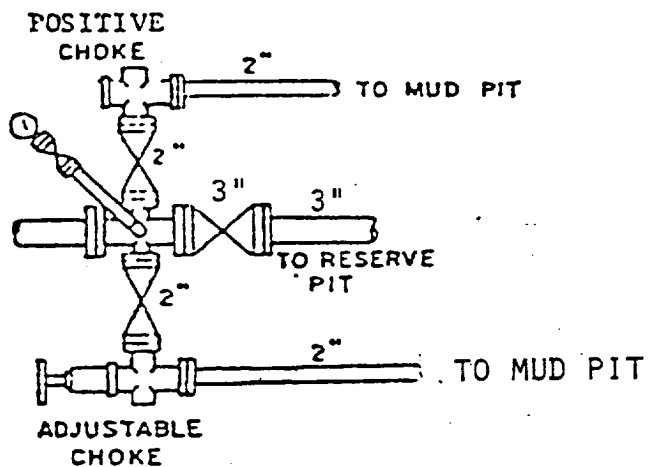
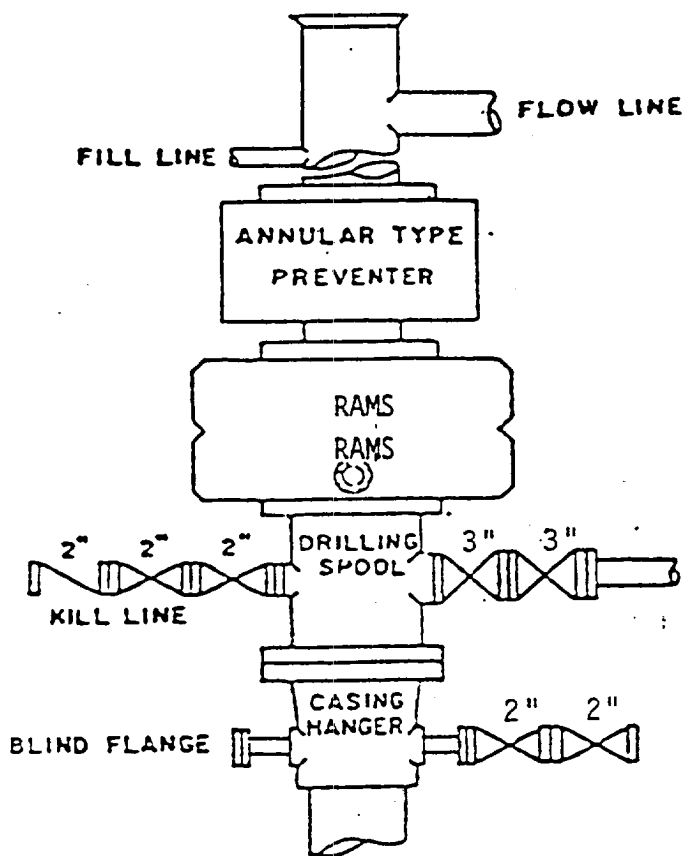
Blowout prevention equipment, while drilling the 11" hole, will be either a 3000 psi working pressure double ram type preventer or a 3000 psi working pressure annular type preventer.

Blow out prevention equipment, while drilling below the 8-5/8" casing seat, will be a 3000 psi working pressure BOP stack. A BOP sketch is attached.

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OCD HOBBS OFFICE



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT