Form 3160-3
(July 1992)

OPER. OGRID NO. 17891
PROPERTY NO. 18674
POOL CODE 96432
EFF. DATE 3/8/96
API NO. 30-025-33310

...PLICATE* ...uctions on ...side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

U
DEPARTM
BUREAU

APPLICATION FOR

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
POGO PRODUCING COMPANY (RICHARD WRIGHT)

3. ADDRESS AND TELEPHONE NO.
P.O BOX 10340 MIDLAND ,TEXAS 79702 Ph 915-682-6822

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
2310' FSL & 760' FEL SEC. 25 T21S-R32E Lea Co. New Mexico
At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.
NM-86145

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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7. UNIT AGREEMENT NAME
---

8. FARM OR LEASE NAME, WELL NO.
AXE "25" FEDERAL # 1

9. API WELL NO

10. FIELD AND POOL, OR WILDCAT
WILDCAT-DELAWARE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 25 T21S-R32E

12. COUNTY OR PARISH: Lea Co.
13. STATE: New Mex.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 26 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): 760'

16. NO. OF ACRES IN LEASE: 320

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.: NA

19. PROPOSED DEPTH: 9100'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3796' GR

22. APPROX. DATE WORK WILL START*: As soon as approved

23. PROPOSED CASING AND CEMENTING PROGRAM R-111-P Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	Conductor	NA	40'	Cement to surface with Redimix
14 3/4"	J-55 10 3/4"	32.75	750'	500 Sx. circulate to surface
9 7/8"	J-55,N-80 7 5/8"	26	4800'	1100 Sx. circulate to surface
6 3/4:	J-55,N-80 4½"	11.6	9100'	1000 Sx. circulate to surface

1. Drill 26" hole to 40'. run and set 40' of conductor cement with redimix to surface.
2. Drill 14 3/4" hole to 750'. Run and set 750' of 10 3/4" J-55 32.75# ST&C casing. Cement with 500 Sx. Class "C" + additives, circulate cement to surface.
3. Drill 9 7/8" hole to 4800'. Run and set 4800' of 7 5/8" J-55 & N-80 26# ST&C casing. Cement with 800 Sx Halco Light + additives, tail in with 300 Sx. Class "C" + additives circulate cement to surface.
4. Drill6 3/4" hole to 9100'. Run and set 9100' of 4½" J-55 & N-80 11.6# LT&C casing. Cement with 700Sx. Haloc Light + additives, tail in with 300 Sx. 50/50 POZ + additives. Circulate cement to surface.

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 Joe T Janica TITLE Agent DATE 01/25/96

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

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 /s/ Gilbert J. Lucero TITLE Acting STATE Director DATE 2-23-96

*See Instructions On Reverse Side

...1001 ...when it ...crime for any person knowingly and willfully to make to any department or agency of the

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	Pool Name
30 025 33318		~~WILDCAT~~ DELAWARE

Property Code	Property Name	Well Number
13677	AXE 25 FEDERAL	1

OGRID No.	Operator Name	Elevation
17891	POGO PRODUCING COMPANY	3796

Surface Location

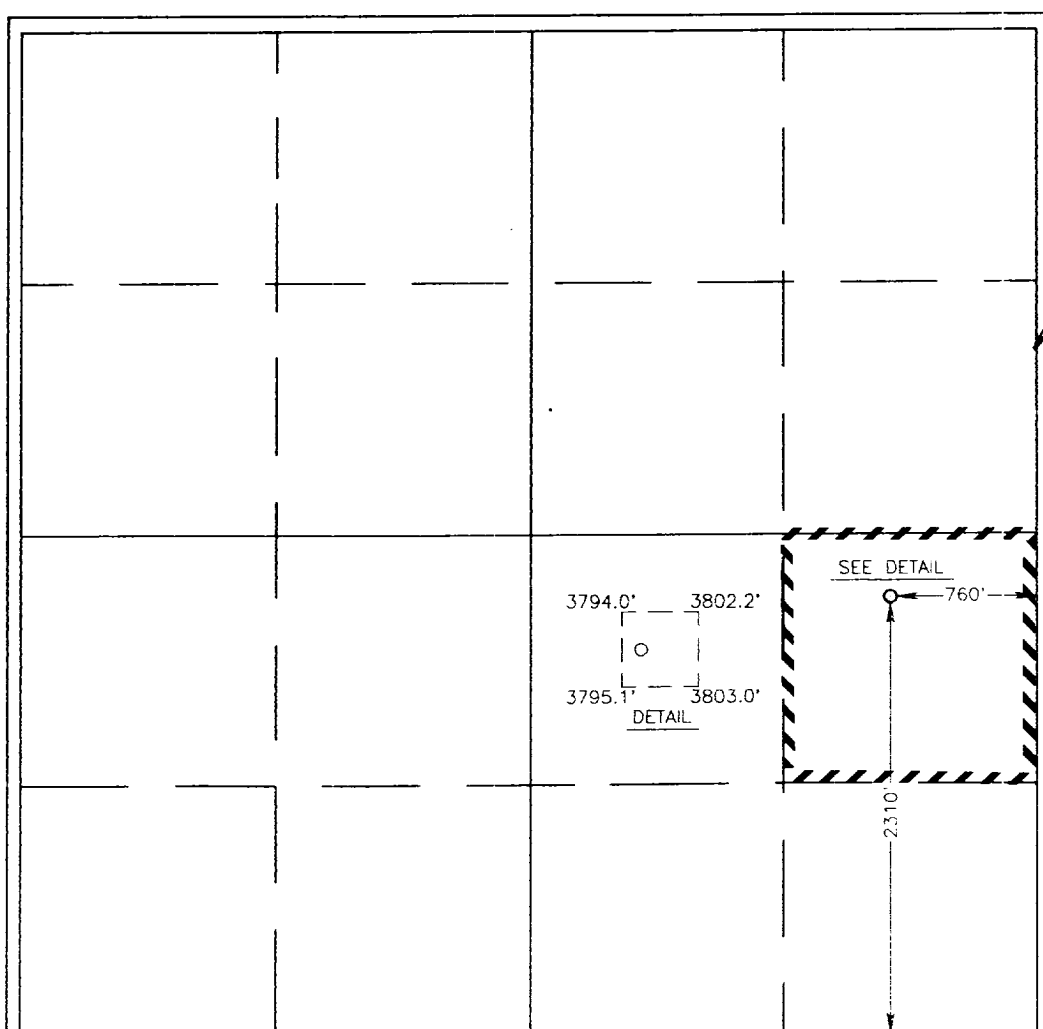
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	25	21 S	32 E		2310	SOUTH	760	EAST	LEA

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	Joint or Infill	Consolidation Code	Order No.
40			

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

01/26/96
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 supervison, and that the same is true and correct to the best of my belief.

JANUARY 24, 1996
Date Surveyed SJA

Signature & Seal of Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
3239
REGISTERED PROFESSIONAL SURVEYOR

1-25-96

JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY L. JONES 12641

Certificate No.

EXHIBIT "A"

APPLICATION TO DRILL

POGO PRODUCING COMPANY
AXE "25" FEDERAL # 1
2310' FSL & 760' FEL SEC 25
T21S-R32E LEA CO. NM

In response to questions asked under Section II B of Bulletin NTL-6 the following information is provided for your consideration:

1. Location: 2310' FSL & 760' FEL SEC. 25 T21S-R32E LEA CO. NM

2. Elevation above sea level: 3796' GR.

3. Geologic name of surface formation: Quaternery Aeolien Deposits.

4. Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.

5. Proposed drilling depth: 9100'

6. Estimated tops of geological markers:

Delaware Lime	3930'	Brushy Canyon	7060'
Bell Canyon	3990'	Bone Spring	8830'
Cherry Canyon	5780'		

7. Possible mineral bearing formations:

Cherry Canyon	Oil	Bone Spring	Oil
Brushy Canyon	Oil		

8. Casing program:

HOLE SIZE	INTERVAL	OD CSG	WEIGHT	THREAD	COLLAR	GRADE	COND.
26"	0-40'	20"	NA	NA	NA	NA	New
14 3/4"	0-750'	10 3/4"	32.75	8-R	ST&C	J-55	New
9 7/8"	0-4800'	7 5/8"	26	8-R	ST&C	J-55 & N-80	New
6 3/4"	0-9100'	4½"	11.6	8-R	LT&C	J-55 & N-80	New

APPLICATION TO DRILL

POGO PRODUCING COMPANY
AXE "25" FEDERAL # 1
2310' FSL & 760' FEL SEC. 25
T21S-R32E LEA CO. NM

9. Cementing and Setting Depth:

20"	Conductor	Set 40' of 20" conductor and cement to surface with Redi-mix.
10 3/4"	Surface	Set 750' of 10 3/4" J-55 32.75# ST&C casing. Cement with 500 Sx. Class "C" + additives, circulate cement to surface.
7 5/8"	Intermediate	Set 4800' of 7 5/8" J-55 & N-80 26# ST&C casing. Cement with 800 Sx Halco Light + additives, tail in with 300Sx. Class "C" + additives, circulate cement to surface.
4½"	Production	Set 9100' of 4½" J-55 & N-80 11.6# LT&C casing. Cement with 700 Sx. Halco Light + additives, tail in with 300 Sx. 50/50 POZ + additives, circulate cement to surface.

10. Pressure Control Equipment: Exhibit "E". A Blow-out Preventer (no less than 900 series 3000 psi working pressure) consisting of double ram type preventer with bag type preventer. Units will be hydraulically operated. Exhibit "E-1" Choke Manifold and Closing Unit. Blind rams on top, pipe rams on bottom to correspond with size of drill pipe in use. BOP will be nippled up on 10 3/4 casing and remain on well until casing is run and cemented. BOP will be tested as well as choke manifold. BOP will be worked at least once each day while drilling and blind ram will be worked on trips when no drill pipe is in hole. Flow sensor PVT, full opening stabbing valve and upper kelley cock will be utilized. No pressures greater than 3000 psi anticipated.

11. Proposed Mud Circulating System:

Depth	Mud Wt.	Mud Visc.	Fluid Loss	Type Mud
40-750'	8.4-8.6	29-32	NC	Fresh water Spud mud.
750-4800'	10-10.5	29-30	NC	Brine water add paper to Control seepage.
4800-9100'	8.4-8.6	29-38	NC-8CC	Fresh water mud add Gel for viscosity paper for seepage control and Polymer for water loss control.

Sufficient mud materials to maintain mud properties, meet lost circulation and weight increase requirments will be kept at wellsite at all times. In order to run casing and log well viscosity may have to be raised and water loss may have to be lowered.

APPLICATION TO DRILL

POGO PRODUCING COMPANY
AXE "25" FEDERAL # 1
2310' FSL & 760' FEL SEC. 25
T21S-R32E LEA CO. NM

12. Testing, Logging and Coring Program:

A. No cores planned.

B. DST'S may be run depending on shows.

C. Open hole logs: Gamma-Caliper, CNL-Density, Dual Induction Sidewall Neutron.

D. Mud logger rigged up on hole at 4800' and remain on to TD.

13. Potential Hazards:

No abnormal pressures or temperatures are expected. Hydrogen Sulfide gas may be encountered, H_2S detectors will be in place to detect any presence. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used. Estimated BHP 3000 PSI, estimated BHT 130° .

14. Anticipated Starting Date and Duration of Operation:

Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved. Drilling expected to take 15-20 days. If production casing is run an additional 30 days to complete and construct surface facility and place well on production.

15. Other Facets of Operations:

After running casing, cased hole gamma ray neutron collar logs will be run from total depth over possible pay intervals. The Bone Spring pay will be perforated and stimulated. The well will be swab tested and potentialed as a gas well.

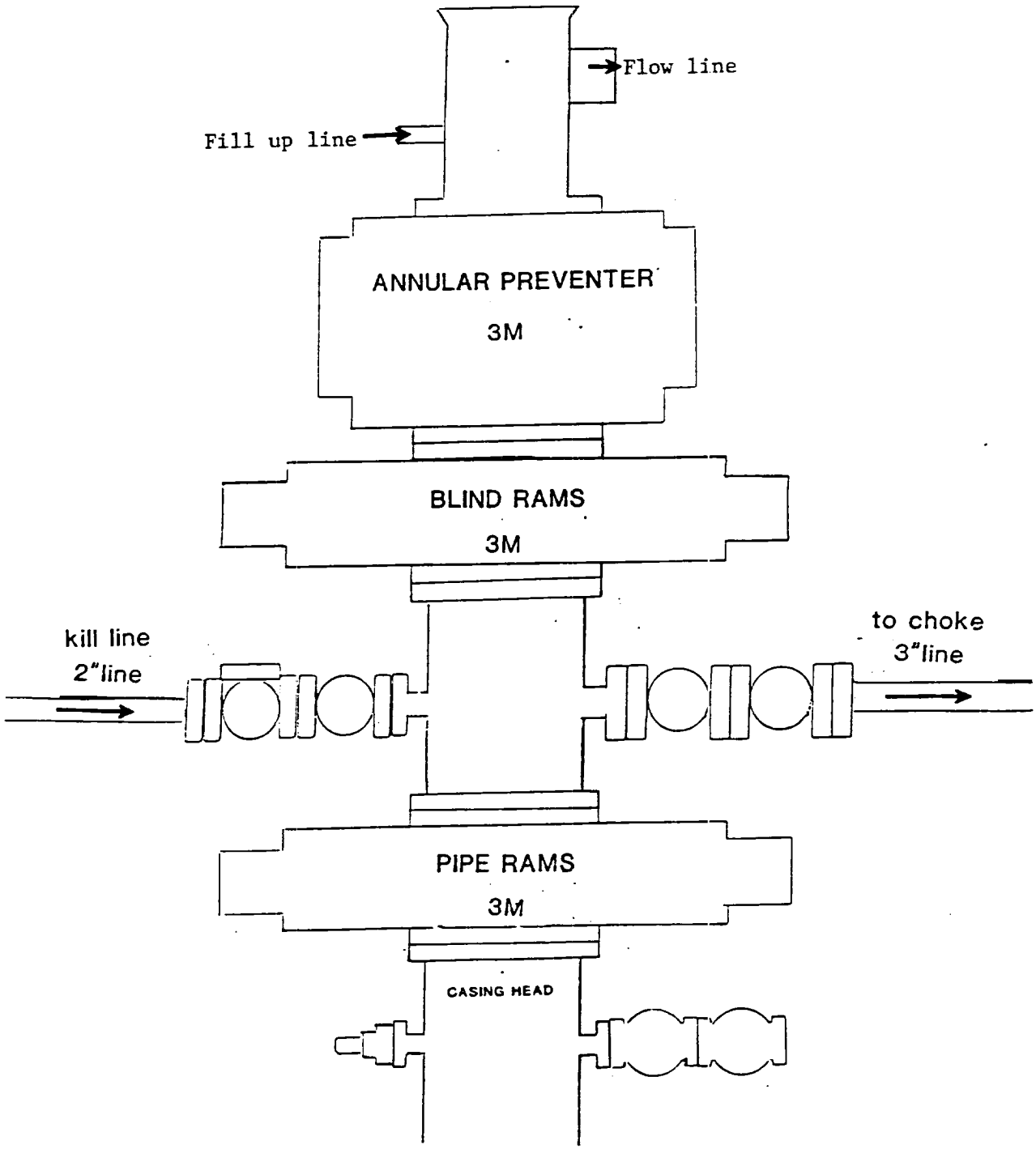


EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON

POGO PRODUCING CO.
AXE "25" FEDERAL #1
2310' FSL & 760' FEL SEC.25
T21S-R32E LEA CO. NM