

Form 3160-3  
(July 1992)

c/48

N.M. Oil Cons. Division  
UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

17891

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

POGO PRODUCING COMPANY (RICHARD WRIGHT)

3. ADDRESS AND TELEPHONE NO.

P.O. Box 10340, MIDLAND, TX 79702 PH (915) 682-6822

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

At surface  
SEC 33 T21S R31E 1650' FSL & 2310' FWL

At proposed prod. zone

SAME

Unit 1C

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

Approximately 30 miles East of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 1650'

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

1250'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

8150'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

ROTARY

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

3440' GR

22. APPROX. DATE WORK WILL START

AS SOON AS APPROVED

23. PROPOSED CASING AND CEMENTING PROGRAM

**CARLSBAD CONTROLLED WATER BASIN**

Secretary's Potash

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20" Conductor	NA	40'	Cement to surface w/Redi-Mix
14-3/4"	H-40 10-3/4"	32.7	650'	400 sx Circulate to surface
9-7/8"	J-55 7-5/8"	26.4	4000'	1000 sx " " "
6-3/4"	J-55 4-1/2"	11.6	8150'	1500 sx " " "

**R-111-P POTASH**

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe. Cement to surface with Redi-Mix.
2. Drill 14-3/4" hole to 650'. Run & set 650' of 10-3/4" H-40 32.7# ST&C casing. Cement with 250 sx of 35/65 Class "C" POZ Light + 2% CaCl, tail in with 150 sx Class "C" + 2% CaCl. Circulate cement to surface.
3. Drill 9-7/8" hole to 4000'. Run & set 4000' of 7-5/8" J-55 26.4# ST&C casing. Cement with 800 sx 35/65 Class "c" POZ + 5# Salt/sx. Tail in with 200 sx Class "C" + 2% CaCl. Circulate cement to surface.
4. Drill 6-3/4" hole to 8150'. Run & set 8150' of 4 1/2" J-55 11.6# ST&C casing. Cement in 3 stages. 1st stage: 500 sx Class "H" + 5% Micro Bond. 2nd stage: 400 sx Class "C" 12# Gilsonite/Sx 3rd stage: 500 sx Class "C" Halco Light, tail in with 100 sx Class "C" neat. Circulate cement to surface.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

**RECEIVED**

FEB 26 '97

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 measurements to proposed depths. Give blowout preventer program, if any.

24. SIGNED Joe J. Garcia TITLE Agent DATE 2-25-97

(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 subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY W. R. H. J. Lucero TITLE Associate State Director DATE 6-13-97

\*See Instructions On Reverse Side

I hereby acknowledge and willfully make to any department or agency of the