

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.
NM-96231

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO. 19634
LOST TANK "33" FEDERAL #9

9. API WELL NO.
30-015-29382

10. FIELD AND POOL OR WILDCAT
LOST TANK DELAWARE west
WILDCAT 96582

11. SEC., T., R., W. OR BLK.
AND SURVEY OR AREA
SEC. 33 T21S-R31E

12. COUNTY OR PARISH 13. STATE
EDDY CO. NEW MEXICO

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE BONE ☒ MULTIPLE BONE ☐

2. NAME OF OPERATOR
POGO PRODUCING COMPANY 17891 (RICHARD WRIGHT)

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 Ph. 915-682-6822

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
990' FSL & 1650' FEL SEC. 33 T21S-R31E EDDY CO. NEW MEXICO
At proposed prod. zone Same Unit 0

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 28 miles Southeast of Carlsbad New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 990'
(Also to nearest drilg. unit line, if any)

16. NO. OF ACRES IN LEASE
640

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
8300'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3449' GR.

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

23. PROPOSED CASING AND CEMENTING PROGRAM

R-III-P

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	Conductor pipe	NA	40'	Cement to surface/Redi-Mix
17 1/2"	J-55 13 3/8"	54.5	550'	650 Sx. Circulate to surface
11"	J-55 8 5/8"	32# & 24#	4000'	1375 Sx. Circulate to surface
7 7/8"	J-55 5 1/2"	17# & 15.5#	8300'	1975 Sx. Circulate to surface

Cement in 3 Stages

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement with Redi-Mix to surface.
2. Drill 17 1/2" hole to 550'. Run and set 550' of 13 3/8" 54.5# J-55 ST&C casing. Cement with 450 Sx. 35:65:6 POZ Class "C" Light cement + 2% CaCl, tail in with 200 Sx. Class "C" + 2% CaCl circulate cement to surface.
3. Drill 11" hole to 4000'. Run and set 8 5/8" casing as follows: 1800' of 32# J-55 ST&C 1200' of 24# J-55 ST&C, 1000' of 32# J-55 ST&C casing. Cement with 1175 Sx. 35:65:6 POZ Class "C" + 5% Salt tail in with 200 Sx. Class "C" + 2% CaCl, circulate cement to surface.
4. Drill 7 7/8" hole to 8300'. Run 8300' of 5 1/2" casing as follows: 1300' of 17# J-55 LT&C, 6000' of 15.5# J-55 LT&C, 1000' of 17# J-55 LT&C. Cement in 3 stages with stage tools at 5800' and 3800'. Cement 1st stage with 700 Sx. Class "H" with 5% Microbond, 2nd stage with 575 Sx. Class "C" + 12# Gilsontite/Sx, 3rd stage with 600 Sx. 35:65:6 POZ Class "C" Light cement, tail in with 100 Sx. Class "C" neat, 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 James J. Garcia TITLE Agent DATE 12/03/96

(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 John J. Garcia TITLE Agent DATE 12/03/96

*See Instructions On Reverse Side