

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

(RICHARD WRIGHT 915-685-8140)

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 (915-685-8100)

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

At surface
660' FSL & 660' FEL SEC. 14 T22S-R32E LEA CO, NM

At proposed prod. zone SAME

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

Approximately 25 miles East of Carlsbad, New Mexico.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 330'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 460'

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

15,400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

ROTARY

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

3738' GR.

12. COUNTY OR PARISH

13. STATE

LEA CO.

NM

23.

Controlled Water Basin

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------------|-----------------|----------------|-------------------------------------|
| 24" | Conductor | NA | 40' | Cement to surface with Redi-mix |
| 17 1/2" | H-40 13 3/8" | 48 | 900' | 1000 Sx. circulate to surface. |
| 12 1/2" | N-80 9 5/8" | 40.5 | 4600' | 1800 Sx. " " " |
| 8 1/2" | S-95, P-110 7" | 29 | 12,200' | 1200 Sx. in 2 stages TOC 3000' |
| 6 1/8" | S-95 5" | 18 | 12,000-15,400' | 400 Sx. cement back to liner Hanger |

1. Drill 24" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 900'. Run and set 900' of 13 3/8" 48# H-40 ST&C casing. Cement with 1000 Sx. of Class "C" cement + 2% CaCl₂ + 1/4# Flacelle/Sx., circulate cement to surface.
3. Drill 12 1/2" hole to 4600'. Run and set 4600' of 9 5/8" 40.5# N-80 ST&C casing. Cement with 1800 Sx. of Class "C" cement + 2% CaCl₂ + 1/4# Flacelle/Sx. circulate cement to surface.
4. Drill 8 1/2" hole to 12,200'. Run and set 12,200' of 7" 29# as follows: 4200' of 29# S-95 LT&C, 8000' of 29# P-110 LT&C casing. Cement in 2 stages, DV Tool at 7000'±. Cement with 1200 Sx. of Class "H" cement + additives, estimate top of cement 3000' from surface.
5. Drill 6 1/8" hole to 15,400'. Run and set a 3400' 5" 18# S-95 liner from TD back to 12,000'. Cement with 400 Sx. of Class "H" Premium cement top of cement back to top of liner hanger.

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.

SIGNED

Agent

DATE 01/18/01

(This)

PERMIT

Applicati

CONDIT

OPER. OGRID NO. 17891

PROPERTY NO. 27974

POOL CODE 83730

EFF. DATE 7-12-01

API NO. 30-025-35627

/s/ LESLIE A. THEISS

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Legal or equivalent title in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED BY

TITLE

FIELD MANAGER

DATE

JUL 09 2001

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR