

LDS
2/17/05

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CORRECTED COPY 009

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐
2. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
3. NAME OF OPERATOR
POGO PRODUCING COMPANY (RICHARD WRIGHT 432-685-8140)
4. ADDRESS AND TELEPHONE NO.
P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 (432-685-8100)
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1980' FSL & 2130' FWL SECTION 18 T24S-R31E EDDY CO. NM
At proposed prod. zone SAME
6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 30 miles Southeast of Carlsbad New Mexico
7. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1980'
8. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1400'
9. NO. OF ACRES IN LEASE
640
10. PROPOSED DEPTH
8400'
11. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. LEASE DESIGNATION AND SERIAL NO.
NM-89819
13. IF INDIAN, ALLOTTEE OR TRIBE NAME

14. UNIT AGREEMENT NAME

15. FARM OR LEASE NAME, WELL NO.
PATTON "18" FEDERAL # 8
16. AP WELL NO.
30-OK-34079
17. FIELD AND POOL, OR WILDCAT
SAND DUNES-DELAWARE SOUTH
18. SEC., T., R. M., OR BLK.
AND SURVEY OR ASS.
SECTION 18 T24S-R31E
19. COUNTY OR PARISH
EDDY CO.
20. STATE
NEW MEXICO
21. APPROX. DATE WORK WILL START*
WHEN APPROVED

| PROPOSED CASING AND CEMENTING PROGRAM | | | | |
|---------------------------------------|-----------------------|-----------------|---------------|--------------------------------|
| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| 25" | Conductor | NA | 40" | Cement to surface W/Redi-mix. |
| 17 1/2" | H-40 13 3/8" | 48 | 915' | 800 Sx. circulate cement |
| 11" | J-55 8 5/8" | 32 & 24 | 4200' | 1200 Sx. " " |
| 7 7/8" | J-55-N-80 4 1/2" | 11.6 | 8400' | 1300 Sx. 2 stage Est TOC 3500' |

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 915'. Run and set 915' of 13 3/8" 48# H-40 ST&C casing. Cement with 800 Sx. of Class "C" cement + 2% CaCl₂, 1/4# Flocele/Sx., circulate cement.
3. Drill 11" hole to 4200'. Run and set 4200' of 8 5/8" casing as follows: 2000' of 8 5/8" 32# J-55 ST&C, 1200' of 8 5/8" 24# J-55 ST&C, 1000' of 8 5/8" 32# J-55 ST&C casing. Cement with 1200 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 8400'. Run and set 8400' of 4 1/2" casing as follows: 2400' of 4 1/2" 11.6# N-80 LT&C, 5000' of 4 1/2" 11.6# J-55 LT&C, 1000' of 4 1/2" 11.6# N-80 LT&C casing. Cement in 2 stages with DV Tool at 6200±'. Cement 1st stage with 550 Sx. of Class "H" Premium Plus cement + additives, cement 2nd stage with 750 Sx. of Class "C" cement + additives, Estimate top of cement 3500' from 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 [Signature] TITLE Agent APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED
(This space for Federal or State office use)
PERMIT NO. _____ APPROVAL DATE 02/14/05

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 thereunder.
CONDITIONS OF APPROVAL IF ANY:

APPROVED BY [Signature] STATE DIRECTOR DATE 4/20/05

*See Instructions On Reverse Side APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.