



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1301 W. Grand Avenue

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WELL: ☒ DRILL ☐ DEEPEN  
WELL: ☒ GAS ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE

NAME OF OPERATOR: POGO PRODUCING COMPANY (RICHARD WRIGHT 915-685-8140)

ADDRESS AND TELEPHONE NO.: P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 (915-685-8100)

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):  
At surface: 1340' FEL & 1280' FNL SEC. 18 T24S-R31E EDDY CO. NM  
At proposed prod. zone: SAME

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 25 miles East of Carlsbad New Mexico.

DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any): 1280'

DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1900'

ELEVATIONS (Show whether DF, RT, GR, etc.): 3531' GR

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix
17 1/2"	H-40 13 3/8"	48	850'	1000 Sx. circulate cement
11"	J-55 8 5/8"	32	4250'	1500 Sx. " "
7 7/8"	P-110 5 1/2"	17	12,500'	1500 Sx.
6 3/4"	L-80 2 7/8"	7.9	13,900'	150 Sx.

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 850'. Run and set 850' of 13 3/8" 48# H-40 ST&C casing. Cement with 1000 Sx. of Class "C" cement + 2% CaCl, + 1/2# Flocele/Sx. circulate cement to surface.
3. Drill 11" hole to 4250'. Run and set 4250' of 8 5/8" 32# J-55 ST&C casing. Cement with 1500 Sx. of Class "C" cement + 2% CaCl, + 1/2# Flocele/Sx. circulate cement to surface.
4. Drill 7 7/8" hole to 12,500'. Run and set 12,550' of 5 1/2" 17# P-110 LT&C casing. Cement in 3 stages with stage tools at 7600' & 4000'±. Cement 1st stage with with 650 Sx. of Class "H" Premium Plus cement + additives, 2nd stage cement with 500 Sx. of Class "C" cement + additives, 3rd stage cement with 350 Sx. of Class "C" cement + 2 % CaCl.
5. Drill 4 3/4" hole to 13,900'. Run and set 13,900' of 2 7/8" 7.9# L-80 EUE 8-R tubing. Cement with 150 Sx. of Class "H" Premium Plus cement + additives, estimate top of cement 12,000'. Completion will be attempted in several zones in the Wolfcamp thru the 2 7/8" tubing.

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: [Signature] TITLE: Agent DATE: 07/22/02

(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 lands which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

APPROVED BY: /S/ RICHARD A. WHITLEY ACTING STATE DIRECTOR DATE: AUG 27 2002