

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 19199	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Pogo Producing Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 10340 Midland, Texas		8. FARM OR LEASE NAME Cal-Mon	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL & 1980' FEL At proposed prod. zone 1980' FNL & 1980' FEL		9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 35 miles west of Jal, New Mexico		10. FIELD AND POOL, OR WILDCAT Sand Dunes - Cherry Canyon	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1980		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T-23-S, R-31-E	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1120'		19. PROPOSED DEPTH 6400'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* August 1, 1986	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3475.2		22. APPROX. DATE WORK WILL START* August 1, 1986	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	820'	320 sxs Circulate
7 7/8	5 1/2	14 & 15.5	6400'	1150 sxs Circulate

The proposal is to drill a well through the Cherry Canyon formation. Adequate logs will be run to evaluate all zones below the Delaware formation.

Cement will be circulated to the surface on the 8 5/8" surface casing and 5 1/2" production casing.

Completion or abandonment will be performed in accordance with prudent practices and regulatory requirements.

BOP Program: from 820' to 6400' 3000# WP

Gas well gas is dedicated.

Posted ID-1
NL API
7-25-86

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 B. Williams TITLE Division Operations Manager DATE 6/27/86
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED