

UNITED  
DEPARTMENT OF  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT

17891  
9327  
40299  
10/3/01  
30-025-35724

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

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

3. ADDRESS AND TELEPHONE NO.

P. O. Box 10340, Midland, TX 79702-7340 (915)685-8100

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

At surface 2310' FSL & 1980' FEL, Section 31, T21S, R32E

At proposed prod. zone  
same

Unit J

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

Approximately 30 miles East of Carlsbad New Mexico

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

660'

16. NO. OF ACRES IN LEASE

320

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

8800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3644.1" Ground Level

22. APPROX. DATE WORK WILL START\*

23. Secretary's Potash

R-111-P Potash

PROPOSED CASING AND CEMENTING PROGRAM

Carlsbad Controlled Water Basin

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	J-55 13-3/8"	54.5#	850'	700 sks - circ to surface
12-1/4"	J-55 8-5/8"	32# & 24#	4500'	1400 sks - circ to surface
7-7/8"	J-55, N-80 5-1/2"	17# & 15.5#	8800'	1300 sks - tie back to ±4300'

WITNESS

WITNESS  
CIRCULATE

1. Drill 17-1/2" hole to 850'. Run & set 850' of 13-3/8" J-55 54.5# ST&C csg. Cmt w/ 500 sks Lite tail in w/ 200 sks CI "C". Circ cmt to surface.

2. Drill 12-1/4" hole to 4500'. Run & set 4500' 8-5/8" J-55 ST&C csg., bottom 2300' 32#, middle 1200' 24# & top 1000' 32# csg. Cmt w/ 1200 sks Lite tail in w/ 200 sks CI "C". Circ cmt to surface.

3. Drill 7-7/8" hole to 8800'. Run & set 8800' 5-1/2" csg, bottom 2800' 17# N-80 LT&C, middle 5000' 15.5# J-55 LT&C, top 1000' 17# J-55 LT&C. Cmt w/ 600 sks CI "H" tail in w/ 700 sks CI "C". Bring cmt back to at least 4300' - 200' into 8-5/8" intermediate csg.

4. After setting production csg, pay zone will be perforated & stimulated as necessary. See attached for Supplemental Drilling Data, BOP Sketches, Surface Use and Operations Plan.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

IN ABOVE SPACE DESCRIBE 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

Cathy Imberli

TITLE Operation Tech

DATE 04/20/01

(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 /S/ RICHARD A. WHITLEY

TITLE ASSOC. STATE DIRECTOR

DATE SEP 26 2001

\*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.