

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210-2834

Form 3160-3
(July 1992)SUBMIT IN **PLICATE***
(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-89172	
b. TYPE OF WELL OIL WELL <input checked="" 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 20010	
3. ADDRESS AND TELEPHONE NO. P.O. Box 10340, Midland, Texas 79702		8. FARM OR LEASE NAME, WELL NO. Patton "17" Federal #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal requirements) At surface 822' FSL & 2581' FEL of Section 17 At proposed prod. zone Same Unit C		9. API WELL NO. 30-015-29279	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles southeast of Loving, N.M.		10. FIELD AND POOL OR WILDCAT Wildcat (Bone Springs) SW	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 822'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17, T-24S, R-31E	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Eddy Co.	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1st well		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3512' Ground Level		22. APPROX. DATE WORK WILL START* Upon Approval	

23. CONTROLLED WATER BASIN AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASINO	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5 # J-55	650'	750 sx (circ)
11"	8-5/8"	24-32# J55	4200'	1500 sx (circ)
7-7/8"	5-1/2"	15.5-17# J55	8000' 8500'	1500 sx (3200')

The operator proposes to drill to a depth sufficient to test the Delaware and Bone Springs for oil. Specific programs are outlined in the following attachments:

DRILLING PROGRAM
SURFACE USE AND OPERATING PLAN
 EXHIBIT A - ROAD MAP
 EXHIBIT B - EXISTING WELL MAP
 EXHIBIT C - LOCATION AND ACREAGE DEDICATION PLAT
 EXHIBIT C-1 TOPO MAP
 EXHIBIT D - DRILLING AND RIG LAYOUT
 EXHIBIT E - 3M BOP EQUIPMENT

**SUBJECT TO
LIKE APPROVAL
BY STATE
FOR UNORTHODOX LOCATION**

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIMULATIONS
ATTACHED

NSL-3742

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 Anna M. C. Roll-p TITLE Agent DATE 10/11/96
 (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 William C. Calkins TITLE State Director DATE 11-2-96

*See Instructions On Reverse Side