

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL COMMISSION
P.O. BOX 1240
HOBBS, NEW MEXICO 88240
SUBMIT IN TRIPLICATE*
(reverse side)

Form approved.
Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-42814
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <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 79702			8. FARM OR LEASE NAME Federal 31
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650' FNL & 2180' FEL of Sec. 31, T-21S, R-32E At proposed prod. zone Same			9. WELL NO. 5
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30 miles east of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Undesignated Lost Tank Delaware
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)	460'	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 8700	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3659.6' Ground Level			22. APPROX. DATE WORK WILL START* Upon Approval of Application

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8"	54.5#	850	Sufficient to Circulate
12 1/4	8 5/8"	32#	4500	Sufficient to Circulate
7 7/8	5 1/2"	15.5# & 17#	8700	1200 sx

After setting production casing, pay zone will be perforated and stimulated as necessary.

See attached for: Supplemental Drilling Data
BOP Sketches
Surface Use and Operations Plan



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 James M.C. Ritchie, Jr. TITLE Agent DATE June 25, 1993
(This space for Federal or State office use)

PERMIT NO. 5/ Frank Splendoria APPROVAL DATE 8-11-93
APPROVED BY Acting State Director TITLE Acting State Director DATE 8-11-93
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side