

NM OIL CONS. COMMISSION

DRAWER

ARTESIA, NM 88210

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

30-015-26194
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <input checked="" type="checkbox"/> Re-Entry DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-40659	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SWD <input checked="" type="checkbox"/> SINGLE ZONE <input checked="" 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 Sand Dunes Federal "28"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FSL & 1980' FEL of Section 28, T-23S, R-31E At proposed prod. zone: Same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles ESE from Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Sand Dunes	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'			11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA Section 28, T-23S, R-31E	
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL N/A			13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A			19. PROPOSED DEPTH 5800'	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* Upon approval of application	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3368.5' Ground Level			22. APPROX. DATE WORK WILL START* Upon approval of application	

PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash / R-111-P Potash

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
* 17 1/2"	13 3/8"	48#	661	745 sx to surface
* 12 1/4"	9 5/8"	40#	4245'	985 sx to surface
8 1/2 - 8 1/4"	7"	23#	5800'	1100 sx to surface

* Casing strings already cemented.

After injection casing is set, injection zone will be perforated and stimulated as necessary.

After drilling out plugs at 50', 711', 3685', 4295', 5044', a 7" liner will be run and cemented as stated above. The well will be perforated from 4295' to 5570'. 2 7/8" PVC lined tubing will be run in hole with Griberson Uni-VI packer set at 4200'.

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

Former: Pogo Prod. Co.
Sand Dunes 28 Fed #1

Posted ID-1
10-1-93

OTD - 15,057
P&A - 5-16-90

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. Rutledge TITLE Agent DATE 7/23/93
(This space for Federal or State office use)

PERMIT NO. 154 APPROVAL DATE 9-20-93
APPROVED BY J. Splendoria TITLE Acting State Director

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

Injection Well is:
**SUBJECT TO
LIKE APPROVAL
BY STATE**