

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-62590
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input checked="" 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 26
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 610' FNL & 510 FEL At proposed prod. zone 610' FNL & 510 FEL			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles east of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Livingston Ridge-Delaware
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 510'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 26, T-22-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. 1270			20. ROTARY OR CABLE TOOLS 0-8415
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3592 GR			22. APPROX. DATE WORK WILL START* 11/1/90

23. 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"	68 & 61	850	900 sxs - circ 200 sxs
11"	8 5/8"	32 & 24	4447	1280 sxs - circ 5 sxs
7 7/8"	5 1/2"	17 & 15.50	8415	1220 sxs - stg tool @ 6180

Proposal: Temporarily abandon existing Brushy Canyon zone (8224-8318) after having established reserve figures. The Brushy Canyon interval (7053-71) in this well bore is competitive with Texaco's Getty Federal 24 #2 (diagonal offset). This well presently produces 19-20 bopd, 60 bwpd & 100 mcfpd.

Procedure: Seal off perfs 8224-8318 with RBP + sand, perforate & stimulate Brushy Canyon zone (7053-71).

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 Richard L. Wright TITLE Dist. Drlg. & Prod. Supt. DATE 9/20/90  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side