

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 24 1992

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0281482-A		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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 (915)682-6822			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 10340, Midland, Texas 79702-7340			8. FARM OR LEASE NAME Mobil Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 1980' FEL, Sec. 29, T-23-S, R-31-E At proposed prod. zone			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles East of Loving, New Mexico			10. FIELD AND POOL, OR WILDCAT Sand Dunes, Morrow		
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1980'			11. SEC., T., R., N., OR S.E.K. AND SURVEY OR AREA Sec. 29, T-23-S, R-31-E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			12. COUNTY OR PARISH Eddy		
20. ELEVATIONS (Show whether DF, RT, GR, etc.) 3351.5' GR			13. STATE New Mexico		
22. APPROX. DATE WORK WILL START*					

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"		740'	1200 sx - Circ 300 sx
17-1/2"	13-3/8"		4049'	1660 sx - Circ 450 sx
12-1/4"	9-5/8"	53.50#	12,492'	1350 sx - Cmt Top - surf.
8-1/2"	5-1/2" liner		12,001'-14,854'	1400 sx

Proposal: Pogo Producing Company respectfully requests your approval to Plug Back from 14,000' to 14,022' "Morrow" to the Lower Delaware formation. Three (3) different zones are potentially productive. They are 7820'-56', 7730'-44' and 7690'-7706'.

Procedure: Retrieve tubing and packer - set CIBP at 13,975' + cap with 30' cmt. TIH with tubing and spot the following plugs:
13,150' to 13,050' (100') - Atoka Top @ 13,196'
12,100' to 11,900' (200') - 5-1/2" Liner Top @ 12,001'
10,800' to 10,700' (100') - Wolfcamp Top @ 10,784'
8,050' to 7,950' (100') - Bone Springs Top @ 7,930'
New PBD + 7,930' - Perf and stimulate recommended Lower Delaware zones. FLOW or pump to test.

24. SIGNED <u>Richard L. Wright</u> TITLE <u>Division Operations Supt.</u> DATE <u>February 7, 1992</u>	
(This space for Federal or State office use)	
PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY <u>Orig. Signed by Shannon J. B...</u> TITLE _____	DATE <u>2/20/92</u>
CONDITIONS OF APPROVAL, IF ANY:	

*See Instructions On Reverse Side