

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-62589		
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		
3. ADDRESS OF OPERATOR P.O. BOX 10340, MIDLAND, TEXAS 79702		8. FARM OR LEASE NAME FEDERAL 23		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 660' FNL AND 660' FEL OF SECTION 23 At proposed prod. zone 510'		9. WELL NO. 5		
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 UNDES. LIVINGSTON RIDGE DELAWARE		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 23, 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. 1320'		19. PROPOSED DEPTH 8500'		
20. ROTARY OR CABLE TOOLS ROTARY		21. APPROX. DATE WORK WILL START* UPON APPROVAL		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3540.2' GL		23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash / K-111-P Potash		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	840'	SUFFICIENT TO CIRCULATE
11"	8-5/8"	24#, 32#, 28#	4500'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	15.5# & 17#	8500'	1040 SACKS (tie back)

AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA
BOP SKETCH
SURFACE USE AND OPERATIONS PLAN

Part II-1
3-22-91
New Loc & RPT

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

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 Wright TITLE Drilling and Production Supt. DATE February 6, 1991
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 3-13-91
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side