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

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

SUBMIT IN The LICATE\* (Other instructions on reverse side)

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

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BUREAU OF I	AND MA	NAGEME	NT

5. LEASE DESIGNATION AND SERIAL NO.

BUREAU OF LAND MANAGEMENT					NM-32411			
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						6. IF INDIAN, ALLOTTER OR TRIBE NAME		
la. TYPE OF WORK  DR	LL 🛛	DEEPEN		PLUG BAC	K 🗆	7. UNIT AGREEMENT N	EXA	
OIL Y C	AS COMPR			INGLE MULTIPI	rie 🗌	8. FARM OR LEASE NAM	(B + 1	
WELL NAME OF OPERATOR						Liv. Ridge 18 Federal		
Pogo Pr	oducing Company	/				9. WELL NO.		
3. ADDRESS OF OPERATOR P () R()	x 10340. Midlar	nd. Texas 7	9702	-7340 (915)682-	-6822	3 30 025-3172 10. FIELD AND POOL, OR WILDCAT		
	eport location clearly an					1	dge Delaware	
At surface 660' FNL & 990' FEL, Section 18, T-22-S, R-32-E					11. SEC., T., R., M., OR I	BLK.		
At proposed prod. zone Same					AND SURVEY OR AREA			
							-22-S, R-32-	
14. DISTANCE IN MILES	AND DIRECTION FROM NE	AREST TOWN OR POS	T OFFIC			12. COUNTY OR PARISH Lea	New Mexico	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		660'				OF ACRES ASSIGNED THIS WELL 40		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.				ROPOSED DEPTH 900	RY OR CABLE TOOLS	OR CABLE TOOLS		
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	3712.1 G.F	₹.			22. APPROX. DATE WO	RK WILL START*	
23.		PROPOSED CASI	NG AN	D CEMENTING PROGRA	M			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	тоот	1		QUANTITY OF CEMENT		
17"	13-3/8"	54.5#		862	1	sx-Circ 350 sx		
11" 7-7/8"	8-5/8" 5-1/2"	24# & 32# 17# & 15.5	÷ 11	4494' 8900'	1/50	sx-Circ 400 sx		
from 80	to amend APD a 050' to 8900'. ovember 10, 199	Verbal appi	otemb roval	er 9, 1992 and was given to P	ogo by	Mr. Shannon		
zone. If proposal is to preventer program, if an 24.	drill or deepen direction	nally, give pertiner	it data	plug back, give data on P on subsurface locations at Senior Operation	resent production	ductive sone and propose	ns. Give blowout	
APPROVED BY CONDITIONS OF APPRO	WALL IF ANY:	Ilass T	ITLE	APPROVAL DATE		DATE	4.93	

BECEIVED JAN 0 o 1993

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