Form approved. Budget Bureau No. 42-R1425.

LIED STATES

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY COPY TO O. C. C.					5. LEASE DESIGNATION AND SERIAL NO.		
					NM-01135		
APPLICATIO	N FOR PERMIT	TO DRILL, DE	EPEN, OR PLUG	BACK	G. IF INDIAN, ALLOT	TEE OR TRIBE NAME	
1a. TYPE OF WORK							
DRILL & DEEPEN			☐ PLUG BACK ☐		7. UNIT AGREEMENT NAME		
b. TYPE OF WELL	.49						
WELL X	WELL X WELL OTHER ZONE X ZONE				S. FARM OR LEASE 1	NAME	
2. NAME OF OPERATOR					PLAINS Unit Federal		
Pan American Petroleum Corporation					9. WELL NO.		
3. ADDRESS OF OPERATOR					9		
P. O. Box 68, Hobbs, New Mexico 88240					10. FIELD AND POOL, OR WILDCAT		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface					Lusk - Delaware		
					11. SEC., T., R., M., OR BLK.		
1980' FNL x 1980' WL, Sec. 33 (Unit F, SE/4, NW/4)					AND SURVEY OR	AREA	
7 ·-					33-19-32 NMPM		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*					12. COUNTY OR PARISH 13. STATE		
					Lea	N.M.	
15. DISTANCE FROM PROPOSED*			16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED				
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.			160		THIS WELL 40		
(Also to nearest drig. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION*). PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS			
TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			5000'		Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.)					,		
(baok w.	.cuici 22, 102, Gig ecc.,			•	22. APPROX. DATE V	VORK WILL START*	
23.					4-25-69		
	I	PROPOSED CASING	AND CEMENTING PROGR	AM ,			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CEMENT		
15"	10-3/4"	33 <i>‡</i>	850'	Circulate			
9-5/8"	7-5/8"	24#	2550'	Circulate			
6-3/4"	4-1/2"	9.5#	50001	Suff. to tie back into salt			
	1		1		string casing.		
				5.1	and casting.	•	
After drilli	ing well, logs w	ill be run an	nd evaluations ma	de, ner	forating and	/or	
				,	allul	·	

stimulating as necessary in attempting commercial production.

Well to be drilled and completed in accordance with NMOCC Order R-111 A, as amended.

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 ____ Area Superintendent (This space for Federal or State office use) PERMIT NO. _ APPROVAL DATE APPROVED BY TITLE 0&7-USGS-HODDS 1-NSW

National Potash Co. Box 731, Carlsbad, N.M.

*See Instructions On Reverse Side