

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT811 S. 1ST ST.
ARTESIA, NM 88210-28345. LEASE DESIGNATION AND SERIAL NO.
NM-0417696

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT AGREEMENT NAME ---		
2. NAME OF OPERATOR POGO PRODUCING CO, 17891 (RICHARD WRIGHT) SECRETARY'S POTASH			8. FARM OR LEASE NAME, WELL NO. LOST TANK "4" FEDERAL # 7		
3. ADDRESS AND TELEPHONE NO. P.O. Box 10340 MIDLAND, TC 79702 Phone (915) 682-6822			9. AP WELL NO. 30-015-30414		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface UNORTHODOX LOCATION Unit N 1330' FNL & 660' FEL SEC. 4 T22S-R31E EDDY CO At proposed prod. zone same NSL- SUBJECT TO LIKE APPROVAL BY STATE			10. FIELD AND POOL, OR WILDCAT LOST TANK DELAWARE WEST		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* APPROXIMATELY 30 MILES EAST OF CARLSBAD, N.M.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 4 T22S R31E		
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'		18. NO. OF ACRES IN LEASE 320		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 875'		19. PROPOSED DEPTH 8150'		20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3461' GR.				22. APPROX. DATE WORK WILL START* AS SOON AS APPROVED	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	20" Conductor	NA	40'	Cement to surface w/Redi-Mix
14-3/4"	H-40 10-3/4"	32.7	550' 650'	400 sx Circulate to surface
9-7/8"	J-55 7-5/8"	26.4	4000'	1000 sx " " "
6-3/4"	J-55 4-1/2"	11.6	8150'	1500 sx " " "

CARLSBAD CONTROLLED WATER BASIN

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe. Cement to surface with Redi-Mix.
2. Drill 14-3/4" hole to 550'. Run & set 550' of 10-3/4" H-40 32.7# ST&C casing. Cement with 250 sx of 35/65 Class "C" POZ light + 2% CaCl, tail in with 150 sx Class "C" + 2% CaCl. Circulate cement to surface.
3. Drill 9-7/8" hole to 4000'. Run & set 4000' of 7-5/8" J-55 26.4 ST&C casing. Cement with 800 sx 35/65 Class "C" POZ + 5# Salt/sx. Tail in with 200 sx Class "C" + 2% CaCl. Circulate cement to surface.
4. Drill 6-3/4" hole to 8150'. Run & set 8150' of 4 1/2" J-55 11.6# ST&C casing. Cement in three stages: 1st stage: 500 sx Class "H" + 5% Micro Bond. 2nd stage: 400 sx Class "C" 12# Gilsonite/sx. 3rd stage: 500 sx Class "C" Halco light, tail in with 100 sx Class "C" neat. Circulate cement to surface.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 <u>Jose J. Garcia</u> TITLE <u>AGENT</u>		APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED		06/25/98	
(This space for Federal or State office use)				Post ID-1 10-2-98	
PERMIT NO. _____		APPROVED DATE _____		APPROVED BY _____	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) M. J. CHÁVEZ

STATE DIRECTOR

APPROVED BY _____ TITLE _____ DATE 7-16-98

*See Instructions On Reverse Side

RECEIVED

JUN 26 1968

31M
ROSWELL, NM

27