

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYNMOCC - ARTESIA  
NMOCC - HOBBS  
BLM - SANTA FE

## 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-0177517		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			9. IF DRILLING, ALLOTTEE OR TRINER NAME 11 67		
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR BOX 68, HOBBS, N. M. 88240			8. FARM OR LEASE NAME CATO "A" Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 660' FWL Sec. 15 (Unit & L NW/4 SW/4) At proposed prod. zone			9. WELL NO.		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT CATO San Andres		
19. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 15-8-30 NMPM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			12. COUNTY OR PARISH CHAVES		
21. ELEVATIONS (Show whether DF, RT, GR, etc.)			13. STATE N.M.		
16. NO. OF ACRES IN LEASE 160			17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
20. ROTARY OR CABLE TOOLS ROTARY			22. APPROX. DATE WORK WILL START* 4-1-67		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4 - 11"	8 5/8"	24"	450'	Circulate
7 7/8"	4 1/2"	9.5"	3600'	The back into Salt

After drilling well, logs will be run and evaluations made, perforating and/or stimulating as necessary in attempting commercial production.

Cactus Drilling Co. Contractor.

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 \_\_\_\_\_ TITLE AREA SUPERINTENDENT DATE 3-29-67

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ APPROVED

CONDITIONS OF APPROVAL, IF ANY:

on 4- USGS- RAS  
1- NSW  
1- SUSP  
1- RRY

\*See Instructions On Reverse Side

MAR 30 1967  
J. W. SUTHERLAND  
DISTRICT ENGINEER