

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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-0142393	
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 PAN AMERICAN PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME	
8. ADDRESS OF OPERATOR Box 68, Hobbs, N.M. 88240		8. FARM OR LEASE NAME HOMME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL x 1980' FNL Sec. 20 (UNIT F, SE 1/4 NW 1/4)		9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE		10. FIELD AND POOL, OR WILDCAT CHAUEROO San Andres	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 20-7-34 NMPM	
16. NO. OF ACRES IN LEASE 480		12. COUNTY OR PARISH ROOSEVELT	
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4400		13. STATE N.M.	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		14. NO. OF ACRES ASSIGNED TO THIS WELL 40	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		15. ROTARY OR CABLE TOOLS ROTARY	
22. APPROX. DATE WORK WILL START* 12-10-66			

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 #	4400'	Tie back into salt

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

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 [Signature] TITLE Area Supt DATE 12-5-66

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
DEC 7 1966  
A. R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

01-4- USGS - N  
1- NSW  
1- SUSP  
1- RRY