

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 0164650	
2. TYPE OF WELL OIL ☒ GAS ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. NAME OF OPERATOR Pan American Petroleum Corp		7. UNIT AGREEMENT NAME	
4. ADDRESS OF OPERATOR Box 68 Hobbs NM 88240		8. FARM OR LEASE NAME JOYCE WOLF FEDERAL	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNL x 2310' FEL, Sec. 19 (UNIT B, NW/4 NE/4) At proposed prod. zone		9. WELL NO. 2	
10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT CHAUEROO SAN ANDRES	
11. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 19-7-34 NMPM	
12. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH ROOSEVELT	
13. ELEVATIONS (Show whether DF, RT, GR, etc.)		13. STATE N.M.	
14. NO. OF ACRES IN LEASE 659.16		14. NO. OF ACRES ASSIGNED TO THIS WELL 40	
15. PROPOSED DEPTH 4350'		15. ROTARY OR CABLE TOOLS ROTARY	
16. APPROX. DATE WORK WILL START*		16. APPROX. DATE WORK WILL START* 7-18-66	

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 #	4350'	800 SX. 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.

SIGNED _____ TITLE Area Supt DATE 7-18-66

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

4-4- USGS-14
1- HSD
1- RWB
1- SUSP
1- 12124

*See Instructions On Reverse Side

APPROVED
JUL 20 1966
A. R. BROWN
DISTRICT ENGINEER