

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. N.M. 0450 847
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Pan American Petroleum Corp.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 68, Hobbs, N.M. 88240		8. FARM OR LEASE NAME FEDERAL "A"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 810' FSL x 1980 FWH, Sec. 13 (Unit M, SE 1/4 SW 1/4) At proposed prod. zone		9. WELL NO. 5
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 mi. N. 1 1/2 mi. E. 1 mi. S. Crossroads, N.M.		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED-DEVONIAN
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE 560	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 13-9-35 N.M.P.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 12,100	12. COUNTY OR PARISH LEE
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	20. ROTARY OR CABLE TOOLS Rotary	13. STATE N.M.
22. APPROX. DATE WORK WILL START*		

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8"	48#	450'	Circulate
12 1/4	9 5/8"	32.3-40#	4900'	Circulate
8 3/4	7-5 1/2"	15.5-29#	12,100'	Sufficient to fill 600 above pays

Pursuant to telephone approval of 5-7-65, Messrs Brown to Yoakum, It is proposed to drill a 12,100' Devonian well. After drilling well, logs will be run and evaluations made, perforating and stimulating as necessary to attempt 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. Original Signed By
O. R. WILLIAMS, JR.
SIGNED _____ TITLE Area Foreman DATE 5-7-65
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

