

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface **1980' FNL & 660' FVL**
At proposed prod. zone **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
22 miles south of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **660'**

16. NO. OF ACRES IN LEASE **2560**

17. NO. OF ACRES ASSIGNED TO THIS WELL **40**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **1240'**

19. PROPOSED DEPTH **840'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
Will report later

22. APPROX. DATE WORK WILL START*
December 2, 1967

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	60'	To surface
7-7/8"	5-1/2"	14#	840'	125 sacks

Copies of Location Plat attached.

Copies of all logs run will be furnished upon completion of well.

Operator plans to set 5-1/2" casing at top of Dakota and drill into Dakota pay sand to test top of Dakota. If no shows are encountered, well will be drilled deeper into Dakota to test further possible pay zones.

Archeological approval given verbally 12-1-67 by Mr. Leland Abel to Mr. George Eaton, Jr.

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 subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. **RECEIVED**
DEC 5 1967
OIL CON. COM.
DIST. 3
SIGNED G. M. Eaton, Jr. TITLE Area Engineer DATE December 1, 1967
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY G. M. TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.