

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 Corp.

3. ADDRESS OF OPERATOR
 Box 68 Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 710' FNL x 1930' FWL, Sec. 15 (Unit C, NE 1/4 NW 1/4)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.
 NM-0321613

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 South Mattix Unit

8. FARM OR LEASE NAME

9. WELL NO.
 22

10. FIELD AND POOL, OR WILDCAT
 Fowler Blinberry

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 15-24-37

12. COUNTY OR PARISH
 LEA

13. STATE
 N. M.

16. NO. OF ACRES IN LEASE
 960

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80

19. PROPOSED DEPTH
 5750'

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11-12 1/4"	8 5/8"	24#	1050'	Circulate
7 7/8"	4 1/2"	9.5#	5750'	Sufficient to fill to base of salt.

After drilling well, logs will be run and evaluations made, perforating and 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 11-3-66

PERMIT NO. _____ APPROVAL DATE _____

- APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:
- +4-USGS-M
 - 1-NSW
 - 1-S&SP
 - 1-RRY
 - 1-Atlantic
 - 1-Conoco
 - 1-Std. of Tex.-Mid.
 - 1-Tenneco
 - 1-States LAND

APPROVED
 NOV 9 1966
 M. H. BROWN
 DISTRICT ENGINEER

*See Instructions On Reverse Side