

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

Box 68, Hobbs, NM

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1873.3' FSL x 2086.7' FWL, Sec 15 (Unit K, NE 1/4 SW 1/4)  
At proposed prod. zone

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

## 10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit 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.)

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

10,600'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

## 20. ROTARY OR CABLE TOOLS

ROTARY

## 22. APPROX. DATE WORK WILL START\*

## 5. LEASE IDENTIFICATION AND SERIAL NO.

LC-032450(P)

## 6. IS INDIAN, ALIEN, OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

SOUTH MATIX UNIT FEDERAL

## 8. FARM OR LEASE NAME

## 9. WELL NO.

21

## 10. FIELD AND POOL, OR WILDCAT

FOWLER ELLENBURGER

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

15-24-37 N M P M

## 12. COUNTY OR PARISH

LEA

## 13. STATE

N.M.

## 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"	36-38 #	300'	Circulate
12 1/4"	8 5/8"	32.3-40 #	4400'	Full to base of salt.
8 3/4"	5 1/2"	23-26 #	10 000'	Full 600' above uppermost pay.

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

Unorthodox Fowler Ellenburger Pool well location approved by NMOC order R-3109 dated 8-30-66.

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

TITLE

Area Supt

DATE

9-14-66

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

5- USGS-H  
1- SUSP  
1- NSO  
1- APPROVED BY  
1- CONDITIONS OF APPROVAL, IF ANY:  
1- CONOCO  
1- ATLANTIC  
1- STD OF TEX  
1- TENNECO  
1- STATE LAND

TITLE

NOTED

APPROVED

SEP 15 1966

SEP 15 1966

\*See Instructions On Reverse Side

GORDON

J. L. GORDON

ACTING DISTRICT ENGINEER