

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
HOBBS OFFICE O. C. C.  
NMOCC - ARTESIA  
NMOCC - HOBBS  
BLM SANTA FE  
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, N. M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface  
660' FNL x 660' FWL, Sec. 23 (UNIT D NW/4 NW/4)  
At proposed prod. zone

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

5. LEASE DESIGNATION AND SERIAL NO.  
NM-0177517

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
CATO "B" Federal

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
CATO San Anares

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
23-8-30 NMPM

12. COUNTY OR PARISH  
CHAVES

13. STATE  
N.M.

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

16. NO. OF ACRES IN LEASE

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.

19. PROPOSED DEPTH  
3700

20. ROTARY OR CABLE TOOLS  
ROTARY

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

22. APPROX. DATE WORK WILL START\*  
3-13-67

23. 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 #	3700'	Base of 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.

24. SIGNED \_\_\_\_\_ TITLE AREA SUPERINTENDENT DATE 3-9-67

(This space for Federal or State office use)

PERMIT NO. APPROVED APPROVAL DATE

APPROVED BY J. W. SUTHERLAND  
CONDITIONS OF APPROVAL, IF ANY: MAR 10 1967  
J. W. SUTHERLAND  
DISTRICT ENGINEER

0+4- USGS- Ros  
1- NSW  
1- SUSP  
1- RRY

\*See Instructions On Reverse Side

RECEIVED

MAR 10 1967

U. S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO