

NMOCC - ARTESIA
NMOCC - HOBBS
BLM - SANTA FEUNITED 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. NM-0177517
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR BOX 68, HOBBS, N. M. 88240		8. FARM OR LEASE NAME CATO "B" Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL x 1980' FWL Sec. 23 (Unit. C, NE/4 NW/4) At proposed prod. zone		9. WELL NO. 7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT CATO San Andres
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 23-8-30 NMPM
16. NO. OF ACRES IN LEASE 880 320		12. COUNTY OR PARISH CHAVES
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS ROTARY
19. PROPOSED DEPTH 3600'		22. APPROX. DATE WORK WILL START* 7-18-67
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		
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 #	300	250 Sx. Circulate
7 7/8"	4 1/2"	9.5 #	3600'	300 Sx.

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 DR Maashead TITLE Area Admin Super. DATE 7-17-67
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

0-4- USGS- RDS
1- NSW
1- SUSP
1- RRY

APPROVED

JUL 18 1967
J. W. SUTHERLAND

*See Instructions On Reverse Side

RECEIVED

JUL 18 1967

U. S. GEOLOGICAL SURVEY