

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL RECOMPLETE DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Pan American Petroleum Corp. JAN 12 1966

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
1984.5' FNL x 660' FEL, Sec. 27 (Unit H, SE 1/4 NE 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 drilg. 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.)
3662' R. D. B.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
22"	16"	42.8	691'	1500 5x7 In Hole
13 3/4"	10 3/4"	45.5	6385'	2011 5x
9 3/8"	7"	26	12858'	400 5x

It is proposed to squeeze-off the Wolfcamp and Bone Springs zones and recomplete as a Perm. gas well. Work to be done as follows: Set CI retainer at 8200 and squeeze Wolfcamp perms (9785-95) w/ 150 slt. Set CI retainer at 8100 and squeeze Bone Springs perms (8135-85) w/ 200 slt. Drill + clean out to Model 20 pkr at 12324' set CI BP and squeeze Devonian perms (12490-650) w/ 100 slt. Drill + clean out to approx. 11,500' Perf. Perm zone (Moran) 11,370-72, 11378-88, 11467-71 + 11484-97 w/ 250 slt. Acidize w/ 1000 gallons, evaluate + restore to 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 Supt* DATE *1-7-66*

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE *JAN 10 1966*
 APPROVED BY *Jan A. Krauf* DISTRICT ENGINEER
 CONDITIONS OF APPROVAL, IF ANY:
*0-4-USGS
 NJWB
 1-505P
 1-RE4
 1-COROCO, Box 460, Hobbs*

*See Instructions On Reverse Side

RECEIVED
 JAN 10 1966
 S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO