

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 (Agent)

3. ADDRESS OF OPERATOR
 Security Life Building Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 300' N of S Line, 2970' E of W Line Block 39N-69W
 Lambert Coordinates x = 910,010
 At proposed prod. zone y = 602,220

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 drig. unit line, if any)

16. NO. OF ACRES IN LEASE
 5760

17. NO. OF ACRES ASSIGNED TO THIS WELL
 90

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

19. PROPOSED DEPTH
 10,000

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) Estimated water depth -360'
 Rotary Table at MLLW estimated to be 428' above ocean floor.

22. APPROX. DATE WORK WILL START*
 March 24, 1967

28. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
28" - 20"	16" - 13-3/8"	54.5# - 84#	50' - 500'	Circulate to surface
15"	11-3/4"	42# - 47#	2000'	Circulate to surface
12-1/4"	9-5/8"	40# - 43.5#	5000'	(Amount to be determined from log calculations; sufficient to cover all productive zones.)
8-3/4"	7"	32# - 38#	10,000'	

Drilling Assembly drawing attached.

*Shell Oil Company - Operator

NOTED - CYPHER

NOTED - SCHAMBECK

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 A. E. Pypin TITLE District Superintendent DATE 3/15/67

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY John H. Leubler TITLE Los Angeles District Engineer DATE MAR 17 1967
 CONDITIONS OF APPROVAL, IF ANY: See attached conditions.