

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. NE 0145685	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		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, New Mexico -- 88240		8. FARM OR LEASE NAME USS Russell E. Horton	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' FWL X 921.3' FWL, Sec. 30 (Unit A, NE/4 NE/4) At proposed prod. zone		9. WELL NO. 10	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 Miles West, 3 Miles South, 1 Mile East, Milnesand, New Mexico		10. FIELD AND POOL, OR WILDCAT Milnesand San Andres	
15. 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 1920	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 30-8-35 NE/4	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 4800'	12. COUNTY OR PARISH Roosevelt	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START*	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/2"-11"	8-5/8"	24#	400	Circulate
7-7/8"	6-1/2"	9.5#	4800	Sufficient to fill 600' above indicated pay

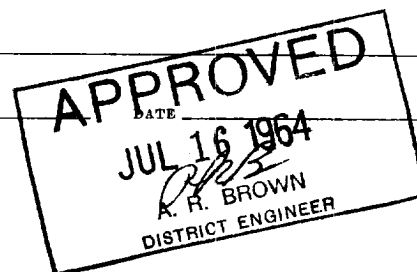
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed By: **V. A. STALEY**
SIGNED _____ TITLE **Area Superintendent** DATE **7-14-64**
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side



Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

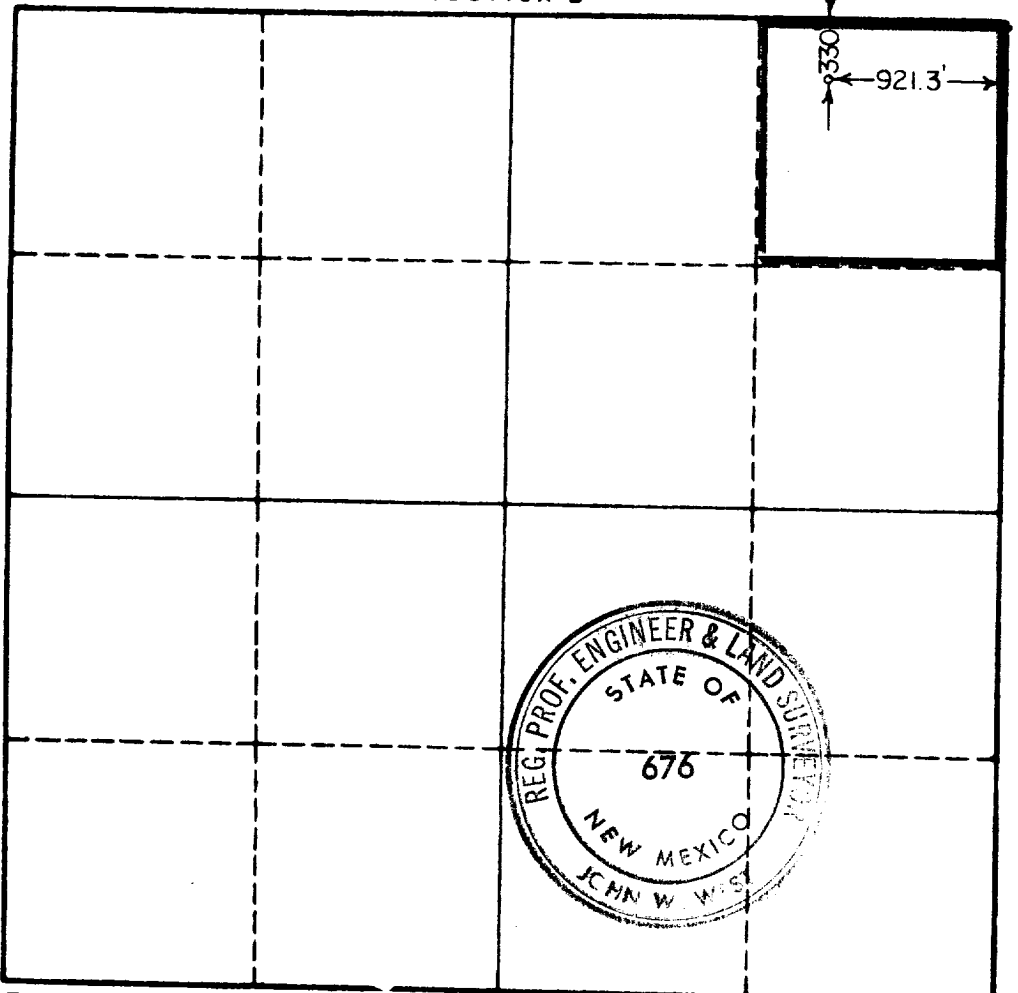
SECTION A

Operator PAN AMERICAN PETROLEUM CORP.		Lease HORTON		Well No. 10
Unit Letter A	Section 30	Township 8 SOUTH	Range 35 EAST	County ROOSEVELT
Actual Footage Location of Well: 330 feet from the NORTH line and 921.3 feet from the EAST line				
Ground Level Elev. NYA	Producing Formation San Andres		Pool Milnesand San Andres	Dedicated Acreage: 40 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (a) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B

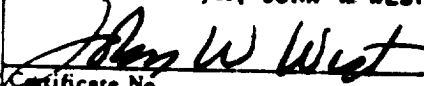


CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name	Original Signed by V. E. STALEY
Position	Area Superintendent
Company	Pan American Petroleum Corp.
Date	July 14, 1964

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed	7-9-64
Registered Professional Engineer and/or Land Surveyor, JOHN W. WEST	
	
Certificate No.	N. M. - P. E. & L. S. NO. 676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0