

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

3. ADDRESS OF OPERATOR

Box 88 - Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
330' FNL X 1650 FNL, Sec. 30 (Unit C, NE/4 NW/4)

At proposed prod. zone

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

3 Mi. W, 2 S, .8 E, 1.1 S, .5 E of Milnesand, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

16. NO. OF ACRES IN LEASE

1920

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4700

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

Not Yet Available

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

2-12-64

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 Sufficient to fill 600' above indicated pays.
7-7/8"	4-1/2"	9.5	4700	

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:

SIGNED V. E. STALEY

TITLE

Area Superintendent

DATE

Feb. 4, 1964

(This space for Federal or State office use)

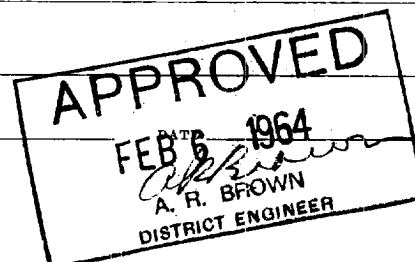
PERMIT NO.

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 plot or plat, 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.

FEB 11 10 19 AM '64

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

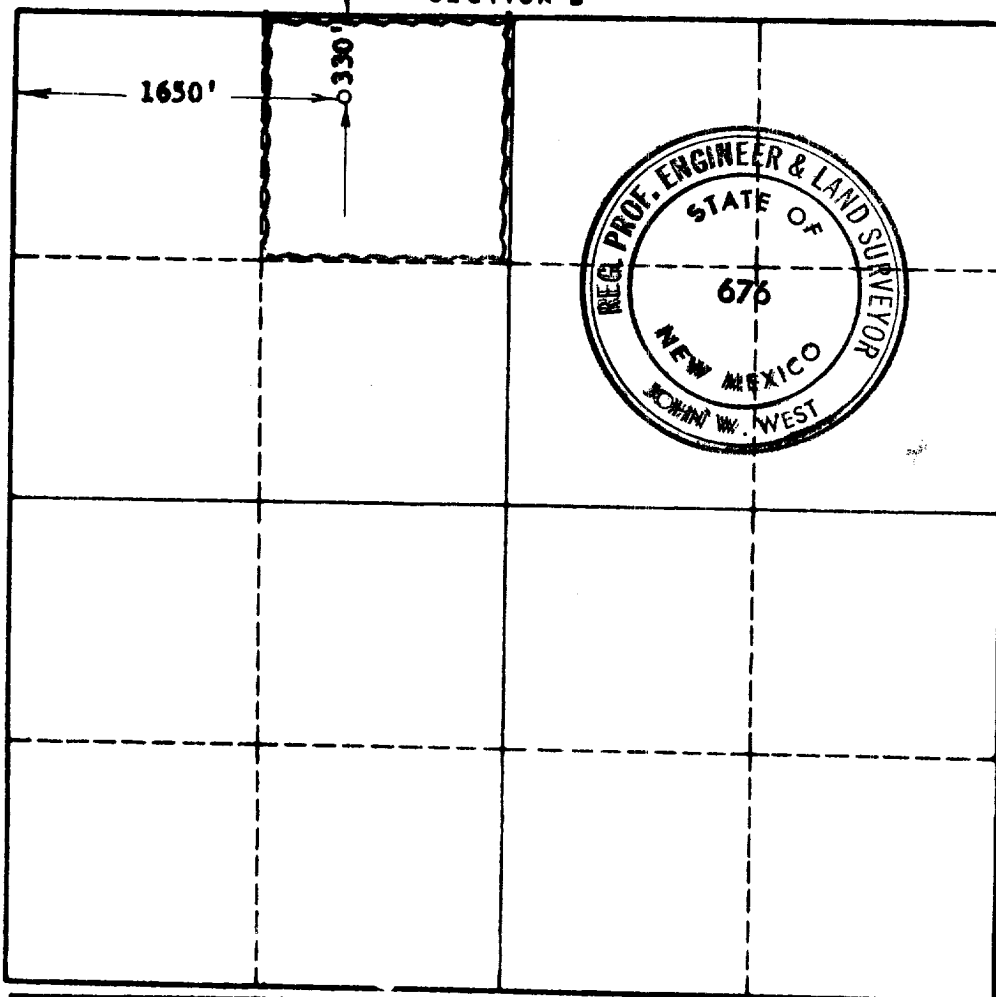
SECTION A

Operator PAN AMERICAN PETROLEUM CORP.			Lease RUSSELL E. HORTON		Well No. 2
Unit Letter C	Section 30	Township 8 SOUTH	Range 35 EAST	County ROOSEVELT	
Actual Footage Location of Well: 1650 feet from the WEST line and 330 feet from the NORTH line					
Ground Level Elev.	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 (e) 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

W. E. STALEY

Position

Area Superintendent

Company

Pan American Petroleum Corp.

Date

February 5, 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

FEBRUARY 1, 1964

Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**

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

COUNTY		ROOSEVELT		FIELD		Milnesand-San Andres		STATE		N.M.	
OPR		PAN AMERICAN PETROLEUM CORPORATION								MAP	
		2 Horton, Russell E. Federal									
		Sec. 30, T-8-S, R-35-E								CO-ORD	
		330' fr N Line & 1650' fr W Line of Sec.									
		Spudded 2-11-64								CLASS	
		Completed 3-7-64								EL 42262	
		FORMATION		DATUM		FORMATION		DATUM			
CSG & SX - TUBING		LOG:									
		Anhy 2210									
9 5/8" 408' 200		Yates 2695									
4 1/2" 4689' 200		SA 3898									
LOGS EL GR RA IND HC A											
		TD 4689', PBD 4684'									

IP San Andres Perfs 4625-76' Flwd 75 BOPD. Pot. Based on 24 hr test thru 22/64" chk., TP 100#, CP 100#, gravity 30., GOR 956.

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CONT.	PROP DEPTH 4700'	TYPE
DATE		

F.R. 2-13-64; Oper's Elev. 4229' KB
PD 4700' - San Andres
2-17-64 Drlg. 3680'.
2-24-64 Drlg. 4603'.
Cored 3996-4046', rec 50' anhy. & salt.
Cored 4046-4096', rec 50' same.
3-2-64 TD 4689', PBD 4684', prep to acidize.
Perf 4625-36', 4645-50', 4662-76' W/2 SPF
3-9-64 TD 4689', PBD 4684', COMPLETED.
Ac. 500 gals.
Frac 20,000 gals oil.
(Holding for tops).
3-23-64 TD 4689', PED 4684', Completion Reported.