

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

501 Airport Drive, Farmington, New Mexico - 87401

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

At surface

194' FSL &amp; 2338' FEL Section 18, T-29-N, R-16-W

At proposed prod. zone

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

9 miles southeast of Shiprock, New Mexico

## 10. DISTANCE FROM PROPOSED\*

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

2338

## 16. NO. OF ACRES IN LEASE

4160

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

166

## 19. PROPOSED DEPTH

710'

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL  
40 (Joint)

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Will report later

## 22. APPROX. DATE WORK WILL START\*

November 17, 1969

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	20#	60'	to surface
6-1/8"	4-1/2"	10.5#	710'	65 sx

Plan to set 4-1/2" casing at top of Dakota and drill one to two feet into Dakota pay sand and complete in open hole.

Copies of location plat attached.

Copies of logs, if run, will be furnished upon completion of well.

This well in accordance with N.M.O.C.C. Order No. R-3296 and will share allowable jointly with other well in same 40-acre tract. Are requesting unorthodox location pursuant to Rule 3 of the above order.

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 depths. Give blowout preventer program, if any.

## 24.

Signed By

SIGNED

W. W. LAYTON, JR.

TITLE Area Engineer

DATE October 30, 1969

(This space for Federal or State office use)

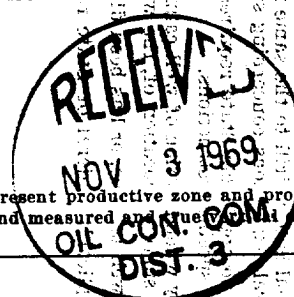
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



DATE

OCT 31 1969

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-126  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>PAN AMERICAN PETROLEUM CORPORATION</b>			Lease <b>U.S.G. Section 18</b>		Well No. <b>32</b>
Unit Letter <b>0</b>	Section <b>18</b>	Township <b>29 North</b>	Range <b>16 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>194</b> feet from the <b>South</b> line and <b>2338</b> feet from the <b>East</b> line					
Ground Level Elev: <b>Report Later</b>	Producing Formation <b>Dakota</b>		Pool <b>Hogback Dakota</b>		Dedicated Acreage: <b>40 (Joint)</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Sec. 18

I-89-IND-58

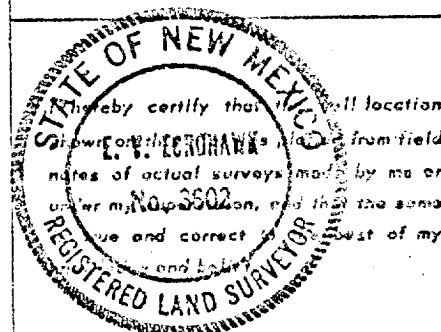
2338'

194'

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*[Signature]*  
Name  
Area Engineer  
Position  
Pan American Petroleum Corp.  
Company  
October 30, 1969  
Date



Date Surveyed  
**May 23, 1969**  
Registered Professional Engineer  
and/or Land Surveyor

*[Signature]*  
Certificate No. **3602**