

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

301 Airport Drive, Farmington, New Mexico 87401

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

At surface

805' F2L and 1650' FWL

At proposed prod. zone

Same

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

3-1/2 miles east of Blanco, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

805'

## 16. NO. OF ACRES IN LEASE

263.66

## 17. NO. OF ACRES ADJACENT

TO THIS WELL

132.01

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

500'

## 19. PROPOSED DEPTH

2500'

## 20. ROTARY OR CABLE TOOL

0 - 10 ft

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

Will Report Later

## 22. APPROXIMATE DATE WORK WILL START\*

12-70

## 23.

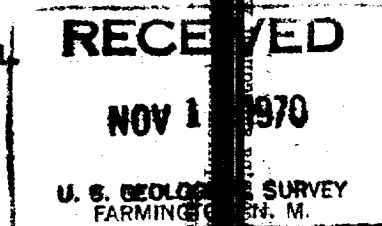
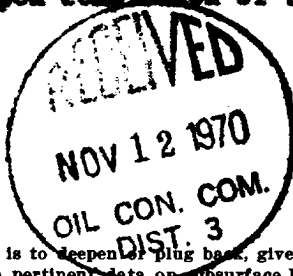
## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12-1/4"      | 8-5/8"         | 24#             | 200'          | 200 #              |
| 6-3/4"       | 2-7/8"         | 6.4#            | 2500'         | 650 #              |

Well to be drilled thru Pictured Cliffs and casing set. Completion designed from in-casing Gamma-Ray Neutron Log.

Copy of Location Plat attached.

Copy of Logs will be furnished upon completion of the well.



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.

ORIGINAL SIGNED BY

SIGNED

D. A. [illegible]

TITLE

Area Engineer

DATE

November 9, 1970

(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 regulations, proposals on Federal or State lands should be submitted 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 ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

|                                                                                                                                                                                                 |                                               |                                       |                                            |                           |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------------|---------------------------|----------------------|
| Operator<br><b>PAN AMERICAN PETROLEUM CORPORATION</b>                                                                                                                                           |                                               |                                       | Lease<br><b>H. G. COLE</b>                 |                           | Well No.<br><b>1</b> |
| Unit Letter<br><b>27</b>                                                                                                                                                                        | Section<br><b>15</b>                          | Township<br><b>29 NORTH</b>           | Range<br><b>9 WEST</b>                     | County<br><b>SAN JUAN</b> |                      |
| Actual Footage Location of Well:<br><div style="display: flex; justify-content: space-between;"> <span>805 feet from the SOUTH line and</span> <span>1650 feet from the WEST line</span> </div> |                                               |                                       |                                            |                           |                      |
| Ground Level Elev.<br><b>5262.0</b>                                                                                                                                                             | Producing Formation<br><b>PICTURED CLIFFS</b> | Pool<br><b>BLANCO PICTURED CLIFFS</b> | Deeded Average: SW/4<br><b>1 .01</b> Acres |                           |                      |

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 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.

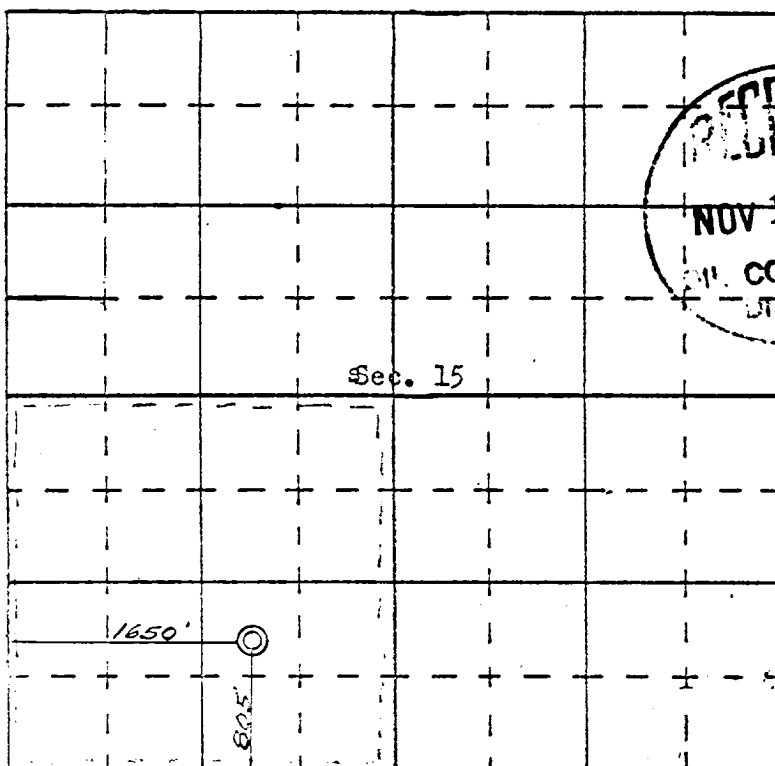
**CERTIFICATION**

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

Name D. A. Payhan  
 Position Area Engineer  
 Company PAN AMERICAN PETROLEUM CORP.  
 Date November 9, 1970

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

Date Surveyed 5 November 1970  
 Registered Professional Engineer and/or Land Surveyor  
JAMES P. LEE  
 1163  
 Certificate No. 1163



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

38  
10-1-2012  
10-1-2012