

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

P. O. Box 480, Farmington, New Mexico

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

At surface 840' FSL and 790' FEL

At proposed prod. zone Same

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

15 miles south of Bloomfield, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. line, if any) 790'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 200

## 16. NO. OF ACRES IN LEASE

1753.36

## 19. PROPOSED DEPTH

6700

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

To be reported later.

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

7-20-64

## 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#             | 350'          | 250 Sacks          |
| 7-7/8"       | 4-1/2"         | 10.5#           | 6700'         | 1500 Sacks*        |

\*To be cemented by 2 stage method with stage collar set 100' below base of Mesaverde.

Copies of Location Plat are attached.

Completion will be as indicated upon reaching total depth.

Copies of any logs run will be furnished upon completion of well.

Verbal approval received 7-13-64, Ward to Hollingsworth.

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.

Fred L. Nabors, District Engineer

SIGNED ORIGINAL SIGNED BY  
F. H. HOLLINGSWORTH

TITLE

DATE July 14, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY *[Signature]*  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*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

## SECTION A.

Date July 13, 1964

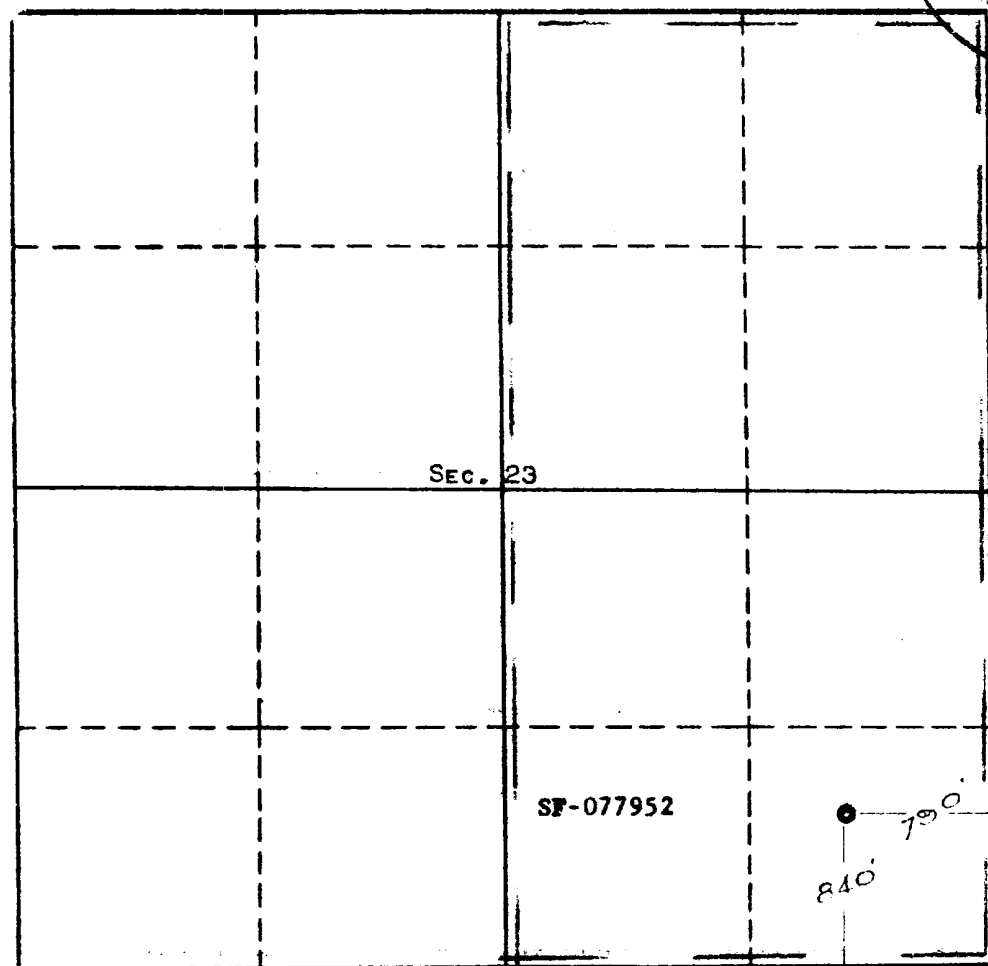
Operator PAN AMERICAN PETROLEUM CORPORATION Lease J. C. GORDON "D"  
Well No 4 Unit Letter P Section 23 Township 27 NORTH Range 10 WEST NMPM  
Located 840 Feet From SOUTH Line, 790 Feet From EAST Line  
County SAN JUAN G. L. Elevation Report Later Dedicated Acreage 320 Acres  
Name of Producing Formation Dakota Pool Basin Dakota

1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below? Yes. No. X
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communization agreement or otherwise? Yes. X No. If answer is "Yes," Type of Consolidation  
Jointly owned acreage - all owners approved drilling of well.
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

## SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

PAN AMERICAN PETROLEUM CORP.

(OPERATOR)

F. H. Hollingsworth

F. H. Hollingsworth

(REPRESENTATIVE)

P. O. Box 480

Farmington, New Mexico

(ADDRESS)

This is to 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 JULY 8, 1964Four States Engineering Co.  
FARMINGTON, NEW MEXICOEdward V. Eckenhaek  
REGISTERED ENGINEER OR  
LAND SURVEYORCertificate No. 3602