

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                             |                |                                                                                                     |               |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------|---------------|--------------------|
| 1a. TYPE OF WORK<br><b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>                       |                | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>SP-077952</b>                                             |               |                    |
| b. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                            |                | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                |               |                    |
| 2. NAME OF OPERATOR<br><b>PAN AMERICAN PETROLEUM CORPORATION</b>                                                                                                            |                | 7. UNIT AGREEMENT NAME                                                                              |               |                    |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Box 480, Farmington, New Mexico</b>                                                                                                      |                | 8. FARM OR LEASE NAME<br><b>J. C. Gordon "D"</b>                                                    |               |                    |
| 4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.)<br>At surface <b>1190' FWL and 1650' FWL</b><br>At proposed prod. zone <b>Same</b> |                | 9. WELL NO.<br><b>5</b>                                                                             |               |                    |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br><b>15 miles south of Bloomfield, New Mexico</b>                                                    |                | 10. FIELD AND POOL, OR WILDCAT<br><b>Basin Dakota</b>                                               |               |                    |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)<br><b>1190'</b>                                            |                | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>NE 1/4 NW 1/4 Section 24, T-27-N, R-10-W</b> |               |                    |
| 16. NO. OF ACRES IN LEASE<br><b>1753.36</b>                                                                                                                                 |                | 12. COUNTY OR PARISH 13. STATE<br><b>San Juan New Mexico</b>                                        |               |                    |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.<br><b>200'</b>                                                |                | 17. NO. OF ACRES ASSIGNED TO THIS WELL<br><b>320</b>                                                |               |                    |
| 19. PROPOSED DEPTH<br><b>6600'</b>                                                                                                                                          |                | 20. ROTARY OR CABLE TOOLS<br><b>Rotary</b>                                                          |               |                    |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>To be reported later.</b>                                                                                              |                | 22. APPROX. DATE WORK WILL START*<br><b>8-21-64</b>                                                 |               |                    |
| 23. PROPOSED CASING AND CEMENTING PROGRAM                                                                                                                                   |                |                                                                                                     |               |                    |
| SIZE OF HOLE                                                                                                                                                                | SIZE OF CASING | WEIGHT PER FOOT                                                                                     | SETTING DEPTH | QUANTITY OF CEMENT |
| <b>12-1/4"</b>                                                                                                                                                              | <b>8-5/8"</b>  | <b>24#</b>                                                                                          | <b>350'</b>   | <b>250 Sacks</b>   |
| <b>7-7/8"</b>                                                                                                                                                               | <b>4-1/2"</b>  | <b>10.5#</b>                                                                                        | <b>6600'</b>  | <b>1500 Sacks*</b> |

\*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**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

TITLE

DATE

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

## SECTION A.

Date July 13, 1964

Operator PAN AMERICAN PETROLEUM CORPORATION Lease J.C. GORDON "D"  
Well No. 5 Unit Letter C Section 24 Township 27 NORTH Range 10 WEST NMPM  
Located 1190 Feet From NORTH Line, 1650 Feet From WEST 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 ☒
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 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



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.

F. H. Hollingsworth (OPERATOR)

F. H. Hollingsworth (REPRESENTATIVE)

P. O. Box 480  
Farmington, New Mexico

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 JUNE 30, 1964Four States Engineering Co.  
FARMINGTON, NEW MEXICO  
REGISTERED ENGINEER OR  
LAND SURVEYORCertificate No. 3602

## SECTION B.

