

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-03654
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico		8. FARM OR LEASE NAME Gallegos Canyon #161 Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1020 FSL & 1525 FEL Sec. 23, T-29N, R-13W At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles south of Farmington, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 1020	16. NO. OF ACRES IN LEASE 320	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 SE/4 Sec. 23, T-29N, R-13W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'	19. PROPOSED DEPTH 6300	12. COUNTY OR PARISH 13. STATE San Juan New Mexico
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Will report later		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
22. APPROX. DATE WORK WILL START* June 24, 1964		20. ROTARY OR CABLE TOOLS Rotary

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
7-7/8"	4-1/2"	10.5#	6300	1500 (1500 lbs. total at base of hole)

Completion will be determined upon reaching total depth.
Copies of location plat attached.
Copies of any logs run will be furnished upon completion of 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 vertical depths. Give blowout preventer program, if any.

24. P. L. Nabors ORIGINAL SIGNATURE F. H. HOLLINGSTON	TITLE District Engineer	DATE June 3, 1964
(This space for Federal or State office use)		

PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY <i>[Signature]</i>	TITLE _____
CONDITIONS OF APPROVAL, IF ANY:	

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 **June 3, 1964**

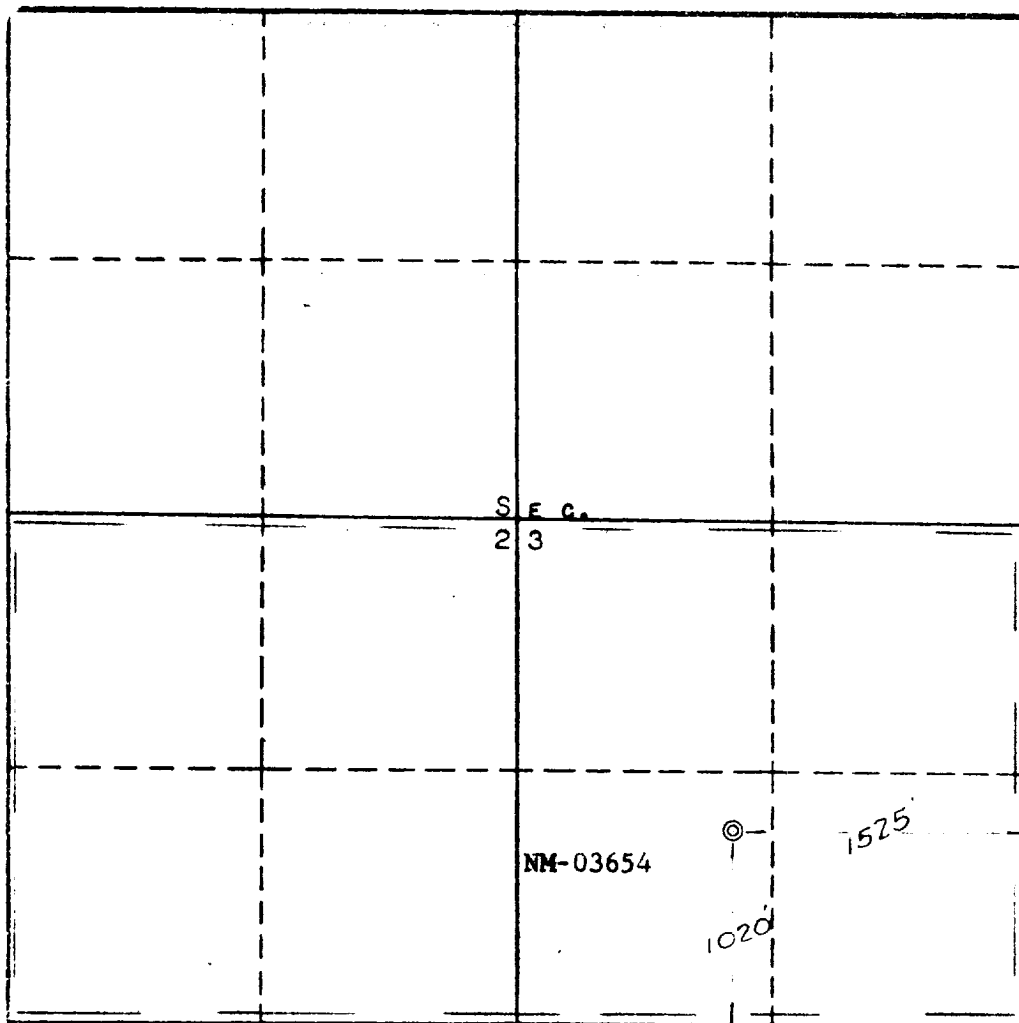
Operator **PAN AMERICAN PETROLEUM CORPORATION** Lease **Gallegos Canyon No. 161 Unit**
 Well No. **1** Unit Letter **Q** Section **23** Township **29 NORTH** Range **13 WEST** NMPM
 Located **1020** Feet From **SOUTH** Line, **1525** Feet From **EAST** Line
 County **SAN JUAN** G. L. Elevation **Report 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 ☒
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 **Communitization Agreement dated May 7, 1964. (Gallegos Canyon Unit owners, with one uncommitted tract held by Pan American.)**
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 **MAY 20, 1964**

Four States Engineering Co.
 FARMINGTON, NEW MEXICO

Ernest E. Eckert
 REGISTERED ENGINEER OR
 LAND SURVEYOR

Certificate No. **3602**