

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. 14-20-603-5035		
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe		
2. NAME OF OPERATOR PALMISTO OIL & PETROLEUM CORPORATION			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico			8. FARM OR LEASE NAME Navajo Tribal "N"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660 FNL and 660 FEL At proposed prod. zone Name			9. WELL NO. 4		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles south of Shiprock, New Mexico			10. FIELD AND POOL, OR WILDCAT Tecito Dome Pennsylvanian "D"		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 660			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 18, T-26-N, R-18-W		
16. NO. OF ACRES IN LEASE 2544.50			12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4000			19. PROPOSED DEPTH 6500		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* October 6, 1964		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) To be reported later.					

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	48#	100	100 Sacks
11"	8-5/8"	24#	1500	500 Sacks
7-7/8"	4-1/2"	10.5#	6500	1100 Sacks (2-Stage Tool set 100' above DeChelly)

Copies of location plat are attached.

Stimulation will be as determined after reaching total depth.

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

Verbal approval received October 2, 1964, Krahrl 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 TITLE F. L. Nabors DATE Oct. 5, 1964

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE APPROVED BY TITLE DATE

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 October 6, 1964

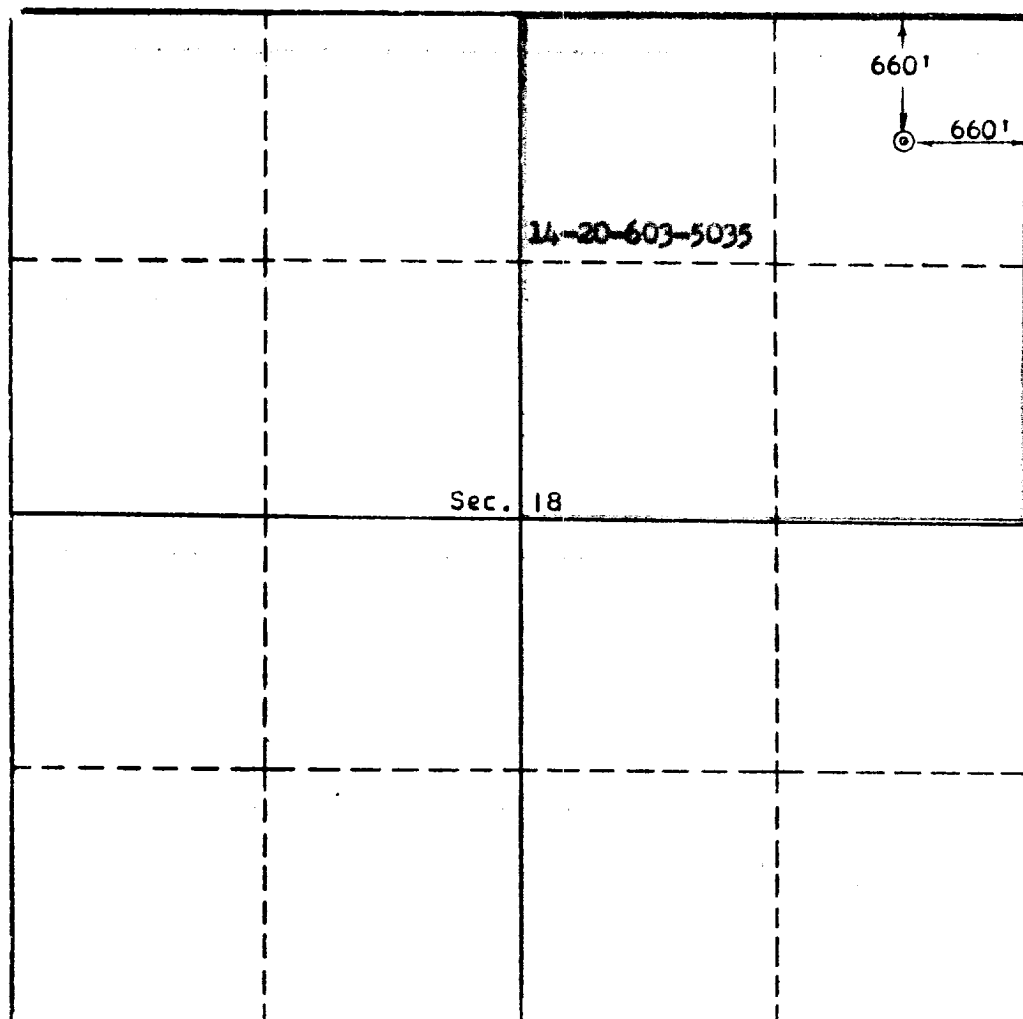
Operator Pan American Petroleum Corporation Lease Navajo Tribal "N"
 Well No. 4 Unit Letter A Section 18 Township 26 North Range 18 West NMPM
 Located 660 Feet From North Line, 660 Feet From East Line
 County San Juan G. L. Elevation Report Later Dedicated Acreage 160 Acres
 Name of Producing Formation Pennsylvanian "D" Pool Tecate Dome Pennsylvanian "D"

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 _____
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

SECTION B.



RECEIVED
OCT 10 1964
N.M. OIL CON. COM.
ALBUQUERQUE, N.M.

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

(REPRESENTATIVE)

P. O. Box 480
Farmington, New Mexico

REGISTERED LAND SURVEYOR
STATE OF NEW MEXICO
Reg. No. 3602
This is to certify that the well location shown on the plat in Section B was located from field notes of actual surveys by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed October 3, 1964

Four States Engineering Co.
FARMINGTON, NEW MEXICO

Edward V. Edwards
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3602

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0