

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 1070 FSL and 2000 FWL

At proposed prod. zone Same

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

2 miles east of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)250
(1070)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

360 (Mesaverde)

16. NO. OF ACRES IN LEASE

1600

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.)

Report later.

22. APPROX. DATE WORK WILL START*

10-28-64

23.

PROPOSED CASING AND CEMENTING PROGRAM

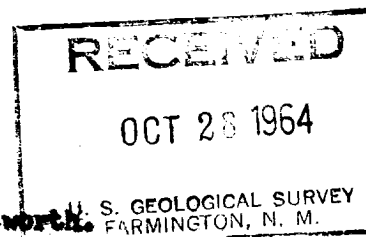
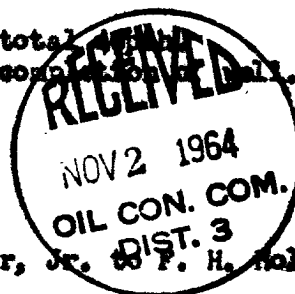
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	32.75#	300	300 Sacks
9-7/8"	7-5/8"	26.4#	2300	600 Sacks
6-3/4"	4-1/2"	10.5#	6700	450 Sacks*

*Cemented by two stage method with stage tool 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.



Verbally approved October 26, 1964, B. C. Baier, Jr. to F. H. 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

SIGNED

TITLE

DATE

October 27, 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 **OCTOBER 26, 1964**

Operator PAN AMERICAN PETROLEUM CORPORATION Lease HEATH GAS UNIT G
 Well No 1 Unit Letter N Section 8 Township 29 NORTH Range 9 WEST N.M.C. #
 Located 1070 Feet From SOUTH Line, 2000 Feet From WEST Line
 County SAN JUAN G. L. Elevation REPORT LATER Dedicated Acreage 320 Acres
 Name of Producing Formation DAKOTA Pool BASIN DAKOTA

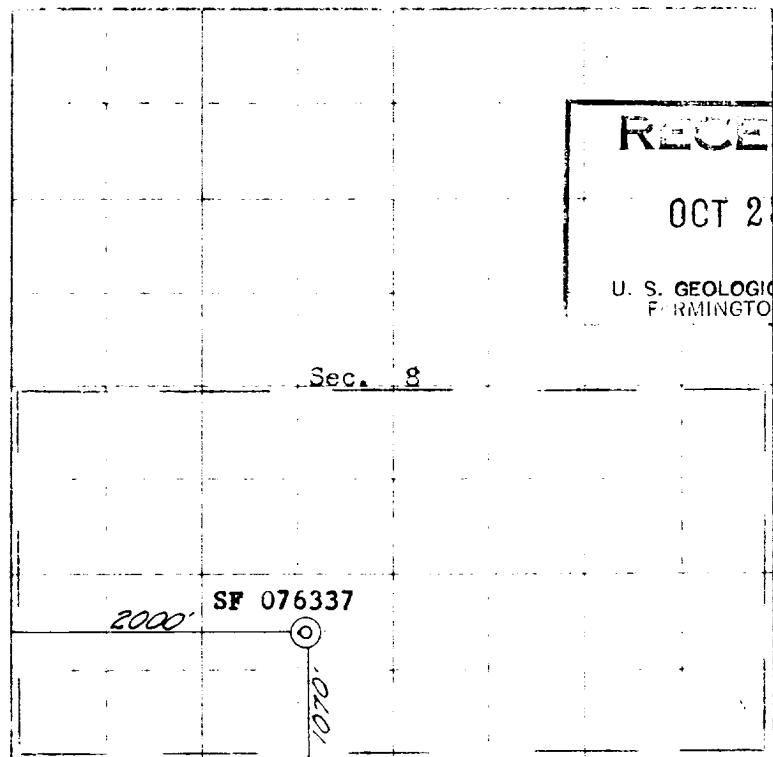
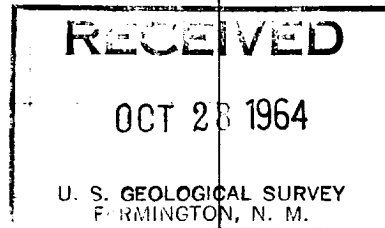
1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes X No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation _____
3. If the answer to question two is "no", list all the owners and their respective interests below.

OwnerLand Description

Section B.

Note: All distances must be from outer boundaries of section.

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
(Address)Farmington, New Mexico

Ref: GLO plat dated 2 July 1952

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1200 900 600 300 0

Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed October 23, 1964

James P. Leese
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese, New Mex. Reg. No. 1463



Farmington, New Mexico