

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

1850 FSL and 1850 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)

1850

16. NO. OF ACRES IN LEASE

1600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.(Mesa-
200' Verde)

19. PROPOSED DEPTH

6700

20. ROTARY OR CABLE TOOLS

Rotary

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

To be reported later.

22. APPROX. DATE WORK WILL START*

October 14, 1964

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	200 Sacks
9-7/8"	7-5/8"	26.4#	2250	400 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.

RECEIVED

OCT 1 1964

U. S. GEOLOGICAL SURVEY
F. H. HOLLINGSWORTH

Verbally approved October 12, 1964 Seelinger 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 October 13, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

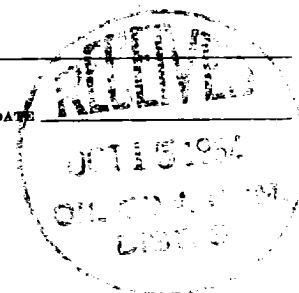
APPROVED BY

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 Declaration Plat

Date OCTOBER 13, 1964

Section A.

Operator PAN AMERICAN PETROLEUM CORPORATION Lease W. D. HEATH "A"
 Well No. 10 Unit Letter J Section 17 Township 29 NORTH Range 9 WEST NMPM
 Located 1850 Feet From SOUTH Line, 1850 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:

(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.

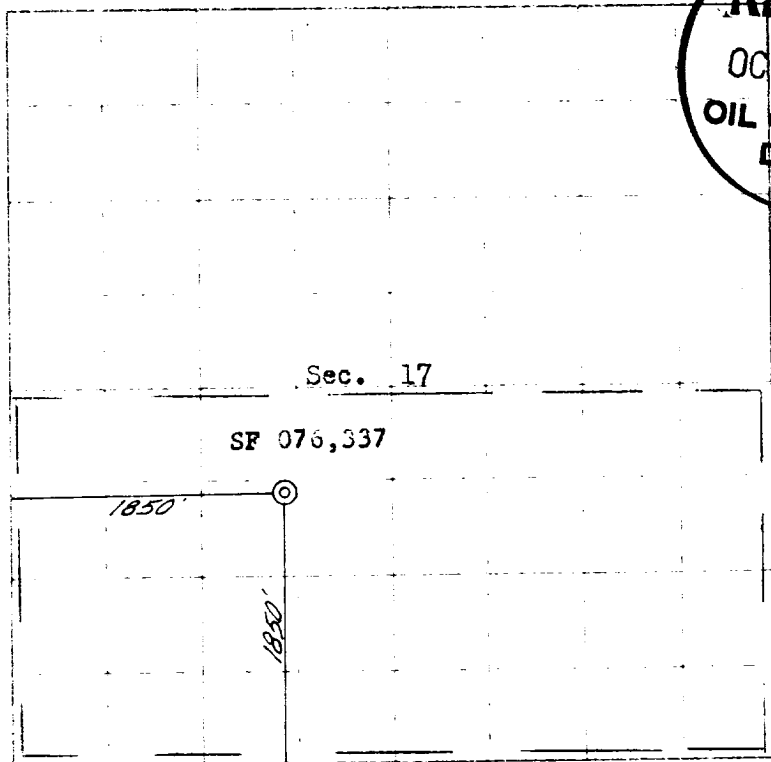
PAN AMERICAN PETROLEUM CORP.

F. H. HOLLINGSWORTH (Representative)

P. O. BOX 480 (Address)

FARMINGTON, NEW MEXICO

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



0 350 650 950 1250 1550 1850 2150 2450 2750 3050 3350 3650 3950 4250 4550 4850 5150 5450 5750 6050 6350 6650 6950 7250 7550 7850 8150 8450 8750 9050 9350 9650 9950 10250 10550 10850 11150 11450 11750 12050 12350 12650 12950 13250 13550 13850 14150 14450 14750 15050 15350 15650 15950 16250 16550 16850 17150 17450 17750 18050 18350 18650 18950 19250 19550 19850 20150 20450 20750 21050 21350 21650 21950 22250 22550 22850 23150 23450 23750 24050 24350 24650 24950 25250 25550 25850 26150 26450 26750 27050 27350 27650 27950 28250 28550 28850 29150 29450 29750 30050 30350 30650 30950 31250 31550 31850 32150 32450 32750 33050 33350 33650 33950 34250 34550 34850 35150 35450 35750 36050 36350 36650 36950 37250 37550 37850 38150 38450 38750 39050 39350 39650 39950 40250 40550 40850 41150 41450 41750 42050 42350 42650 42950 43250 43550 43850 44150 44450 44750 45050 45350 45650 45950 46250 46550 46850 47150 47450 47750 48050 48350 48650 48950 49250 49550 49850 50150 50450 50750 51050 51350 51650 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