

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

501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

*560' FNL & 1150' FWL, Unit "D"

At proposed prod. zone

Same

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

30 miles south of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest dirg. unit line, if any)

560' N

16. NO. OF ACRES IN LEASE

2544-1/2

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 (NW/4)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1813' W

19. PROPOSED DEPTH

6300'

20. ROTARY OR CABLE TOOLS

Rotary

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

Will report later

22. APPROX. DATE WORK WILL START*

11-17-69

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	61#	100'	10) SX
11"	8-5/8"	32#	1500'	40) SX
7-7/8"	5-1/2"	15.5#	6300'	40) SX

Well to be drilled through Morrison water zones and 8-5/8" intermediate casing set. Well is then to be drilled through Pennsylvanian "D" and completion designed from open hole logs.

Copy of Location Plat attached.

*Application is being made to the New Mexico Oil Conservation Commission for unorthodox location.

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 prevention program, if any.

24.

SIGNED

L. R. Chis

TITLE

Petroleum Engineer

DATE

11-7-69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

624

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 18 1969

NEW METHOD OF CONSERVATION SURVEY
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100
Revised 1-1-60
Effective 1-1-60

Well location and acreage dedication plat

Owner: PAN AMERICAN PETROLEUM CORPORATION Navajo Tribal "N" 11
Section: 17 Township: 26 North Range: 18 West County: San Juan

Section: 560 Township: North Range: 18 West County: San Juan

Section: 560 Township: North Range: 18 West County: San Juan

Report Later: Pennsylvanian "D" Tocito Dome Penn. "D" 160 NW/4

1. Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to well log and interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, three-pooling, etc?

NOV 10 1969

☐ Yes ☐ No If answer is "yes," type of consolidation

If answer is "no," list the owners and their descriptions which have normally been consolidated (Use Reverse side of this plat if necessary).

If more than one lease will be dedicated to the well, until an interest has been consolidated by communitization, unitization, three-pooling, or otherwise, or until a non-standard unit, encompassing such interests, has been approved by the Board of Supervisors.

1150 560



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

L. R. Charni

Name: Petroleum Engineer

Position: Pan American Petr. Corp.

Company: November 7, 1969

Date: November 7, 1969

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