

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 660 FSL and 660 FEL

At proposed prod. zone

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

22 Miles south of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

2800'

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

6500

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

Will Report Later.

22. APPROX. DATE WORK WILL START*

April 9, 1965

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"	4.8#	100	100 Sacks
11"	8-5/8"	24.4	1500	400 Sacks
7-7/8"	4-1/2"	10.5#	6500	1100 Sacks (2 Stage Tool Set 100' Above DeChally.)

Copies of location plat are attached.

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

RECEIVED

APR 12 1965

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Verbal approval received April 9, 1965, Dick Krah1 to Frank 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

April 9, 1965

SIGNED

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

TITLE

DATE

(This space for Federal or State Office use)

PERMIT NO.

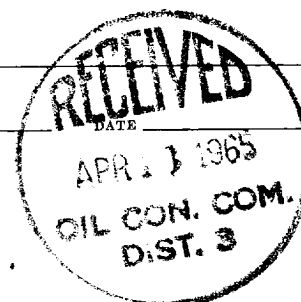
APPROVAL DATE

APPROVED BY

TITLE

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.

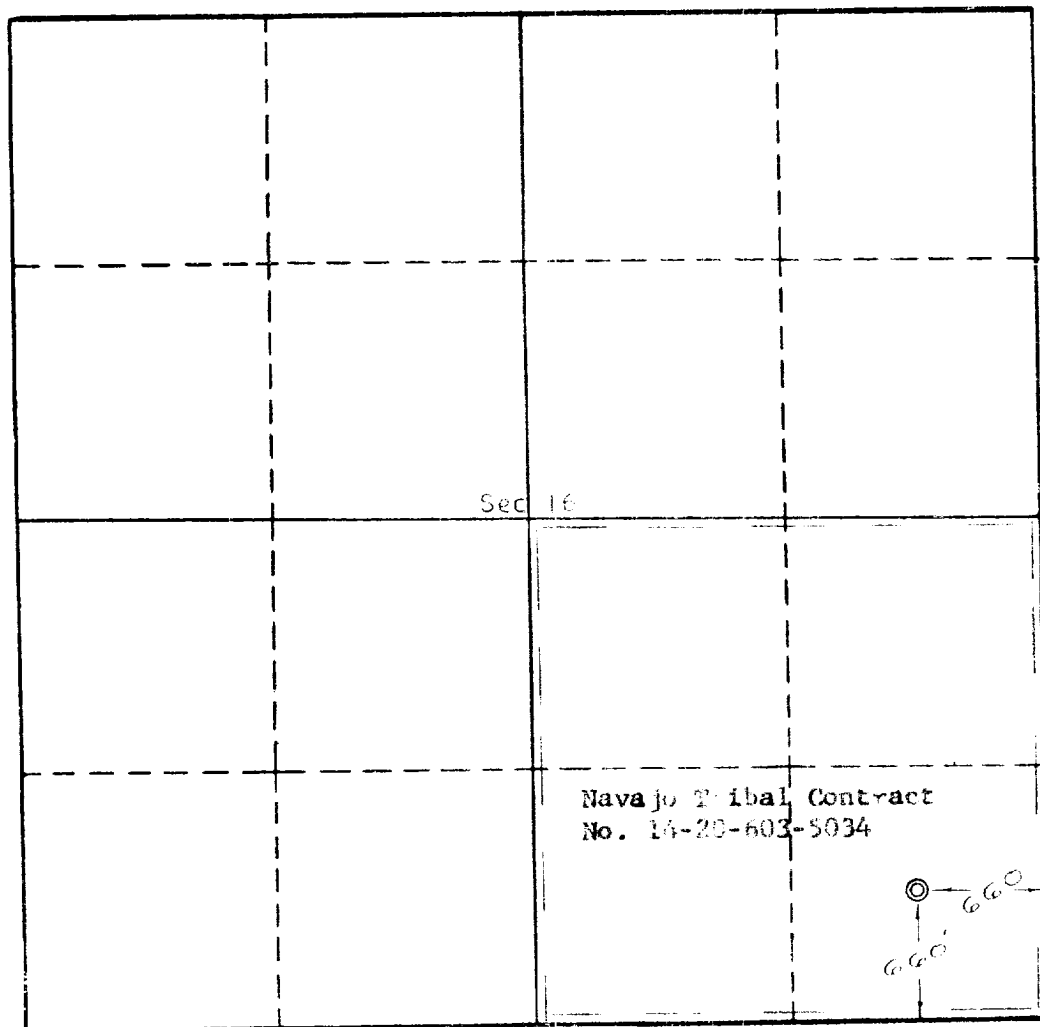
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

SECTION A
DATE April 9, 1965
OPERATOR Pan American Petroleum Corporation LEASE Navajo Tribal "U"
WELL NO. 5 UNIT LETTER P SECTION 16 TOWNSHIP 26 North RANGE 18 West NMPM
LOCATED 660 FEET FROM South LINE 660 FEET FROM East LINE
COUNTY San Juan DIST. ELEVATION Report Later LOCATED ACREAGE 160 ACRES
NAME OF PRODUCING FORMATION Pennsylvanian "D" PROD. TOCITO Dome Pennsylvanian "D"
1. IS THE OPERATOR THE ONLY OWNER OF THE DEDICATED ACREAGE SHOWN ON THE PLAT BELOW? YES X NO
2. IF THE ANSWER TO THE ABOVE QUESTION IS "NO," HAVE ALL THE OWNERS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMON
ORGANIZATION AGREEMENT FOR DEDICATION? YES NO IF ANSWER IS "YES," TYPE OF CONSOLIDATION

3. IF THE ANSWER TO QUESTION 1 IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:
OWNER

SECTION B.



Scale, 1 inch = 1,000 feet



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
H. H. Hollingsworth

H. 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 PLOT-
TED FROM FIELD NOTES OF AC-
TUAL 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 April 8, 1965

FOUR STATES
ENGINEERING CO.

FARMINGTON, NEW MEXICO

Emmett L. Coates, Jr.
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602