

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-20166

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **165' SW 4 2475' SW**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles southeast of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **165'**

16. NO. OF ACRES IN LEASE **4160**

17. NO. OF ACRES ASSIGNED TO THIS WELL **40 (Joint)**

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **495'**

19. PROPOSED DEPTH **665'**

20. ROTARY OR CABLE TOOLS
Rotary

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

22. APPROX. DATE WORK WILL START*
October 1, 1967

5. LEASE DESIGNATION AND SERIAL NO.
1-89-200-58

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
U.S.G. Section 19

9. WELL NO.
26

10. FIELD AND POOL, OR WILDCAT
Hughes Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T-29-N, R-16-W

12. COUNTY OR PARISH 13. STATE
San Juan New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8	7"	200	60'	To surface
6-1/8	4-1/2"	10.50	665'	53 sacks

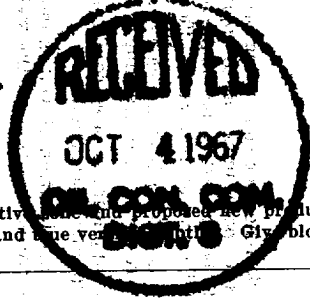
Operator plans to set 4-1/2 casing at top of Dakota, drill into Dakota pay sand, and complete in open hole.

Copies of Location Plat attached.

Copies of logs will be furnished upon completion of well if logged.

This well in accordance with HMDCC Order No. 8-1296 and will share allowable jointly with other wells on same 40-acre tract.

Verbally approved September 30, 1967 by Phil McGrath of U.S.G.S.



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.

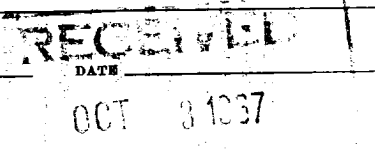
24. ORIGINAL SIGNED BY
 SIGNED G. W. Eaton, Jr. TITLE Area Engineer DATE October 2, 1967
G. W. Eaton, Jr.

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

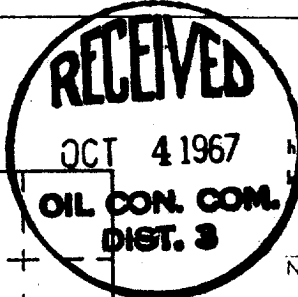
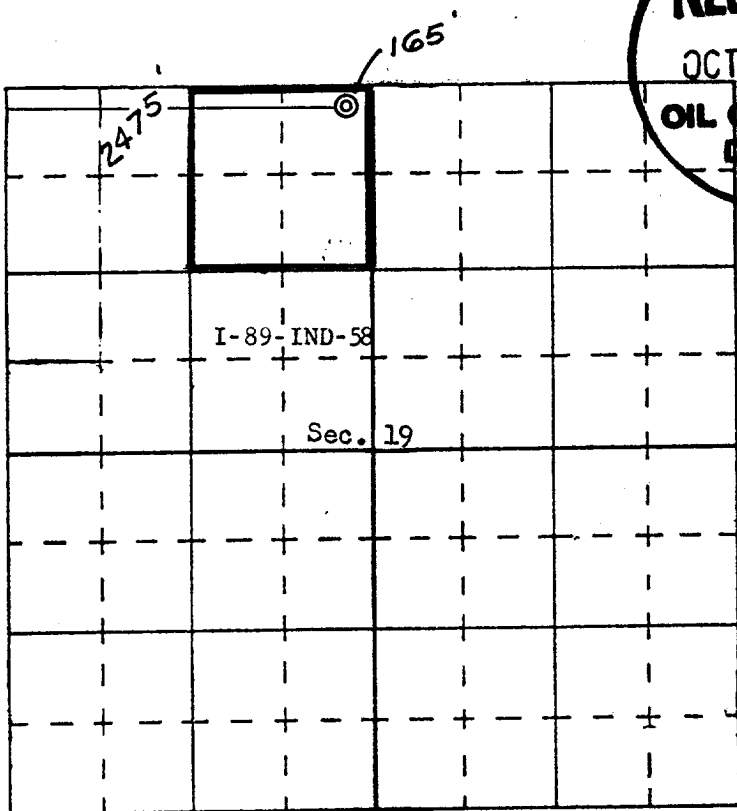
All distances must be from the outer boundaries of the Section

Operator Pan American Petroleum Corporation		Lease U.S.G. SECTION 19			Well No. 26
Unit Letter C	Section 19	Township 29 North	Range 16 West	County San Juan	
Actual Footage Location of Well: 165 feet from the North line and 2475 feet from the West line					
Ground Level Elev. Report Later	Producing Formation Dakota	Pool Hogback Dakota	Dedicated Acreage: 40 (joint) Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 working 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, force-pooling, etc?
 Yes No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name G. W. Eaton, Jr.
 Position Area Engineer
 Company PAN AMERICAN PETROLEUM CORP.
 Date October 2, 1967

I hereby certify that the well location shown on this plat was plotted from field notes of actual 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 June 23, 1967
 Registered Professional Engineer
 and/or Land Surveyor

Certificate No. 3602