

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20173

5. LEASE DESIGNATION AND SERIAL NO.
NM-0556382

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

- Lone Pine USA

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

undesignated Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 19, T-17N, R-8W

12. COUNTY OR PARISH 13. STATE

McKinley New Mexico

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
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Suite 1200 Lincoln Tower Bldg. Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
660' F/WL & 660' F/NL
At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
2900

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6990 GR

22. APPROX. DATE WORK WILL START*
upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

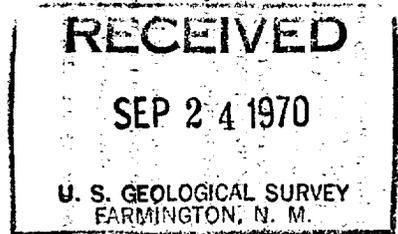
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 - 1/4"	8 - 5/8	24	60	Sufficient to Circulate
7 - 7/8"	5 - 1/2	15.5	2900	Suff. to Cover 500' Above Upper Hospah Sand.

Above well to be a 2900' undesignated Dakota well. Well will be logged and if commercial production is indicated, casing will be run to T.D., perforated and formation treated as necessary to establish commercial production.

B.O.P. to be tested each 24 hours.



CONFIDENTIAL
~~unit 3/22/71~~



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. SIGNED [Signature] TITLE Sr. Production Clerk DATE 9/22/70

(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 TENNECO OIL COMPANY		Lease 192 -LONE PINE USA		Well No 1
Unit Letter D	Section 19	Township 17 North	Range 8 West	County McKinley County
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line				
Producing Formation 6990' ungraded Dakota		Pool Undesignated Dakota		Dedicated Acreage 40

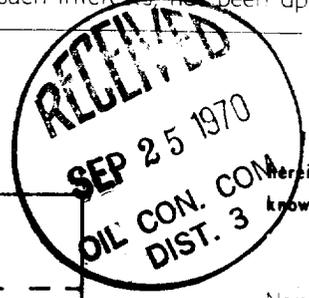
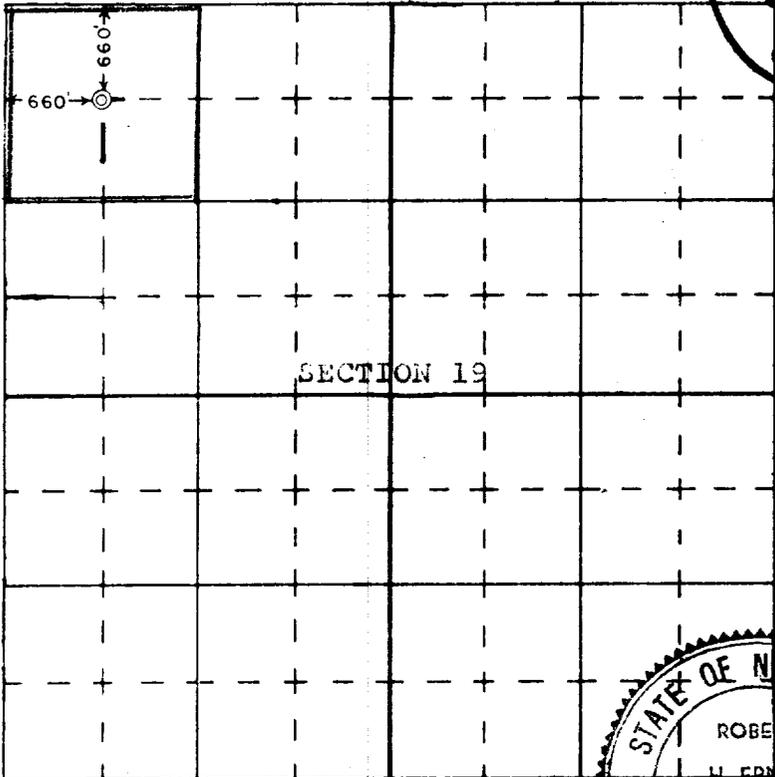
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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

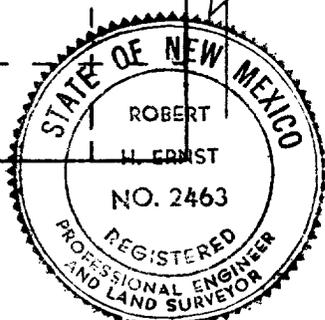
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *G. A. Ford*
G. A. Ford
Position
Sr. Production Clerk
Company
Tenneco Oil Company
Date
9/22/70

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 14 September 1970
Robert H. Ernst
Registered Professional Engineer
and/or Land Surveyor

Robert H. Ernst
New Mexico PE & LS 2463
Certificate No. _____



Ernst Engineering Co.
Durango, Colorado 81301