

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  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 1714, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 790 FSL, 1190 FWL, Unit M  
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)

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6159 Ungr. Gr.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
15	10-3/4	32#	700
9-7/8	7-5/8	26.4#	2910
6-3/4	4-1/2	10.5 & 11.6#	7450

5. LEASE DESIGNATION AND SERIAL NO.  
NM-03566  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Cage Com.  
9. WELL NO.  
1  
10. FIELD AND POOL, OR WILDCAT  
Basin Dakota  
11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 20, T-30-N, R-10-W  
12. COUNTY OR PARISH  
San Juan  
13. STATE  
NEW Mexico

16. NO. OF ACRES IN LEASE  
320  
17. NO. OF ACRES ASSIGNED TO THIS WELL  
320  
19. PROPOSED DEPTH  
7450  
20. ROTARY OR CABLE TOOLS  
Rotary  
22. APPROX. DATE WORK WILL START\*  
July 12, 1967

We plan to drill to approximate T. D. of 7450'. Run IES and GRD logs. Run casing as shown above with stage collar set approximately 300' below the bottom of the Mesaverde. WOC. Perf and frac and run 2-3/8" tubing. Conduct deliverability tests.



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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 M. K. Wagner TITLE \_\_\_\_\_ DATE July 7, 1967  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

5 USGS  
1 Cont.  
1 File

\*See Instructions On Reverse Side

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

All distances must be from the outer boundaries of the Section

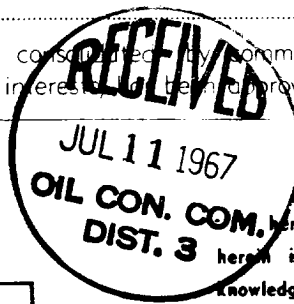
Operator **TENNECO OIL COMPANY** Lease **SAGE COMM** Well No **1**  
 Unit Letter **M** Section **20** Township **30 North** Range **10 West** County **San Juan**  
 Actual Footage Location of Well: **790** feet from the **South** line and **1190** feet from the **West** line  
 Ground Level Elev. **6159' ungraded** Producing Formation **Basin Dakota** Dedicated Acreage **S/2**  
**320** Acres

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

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

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 communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



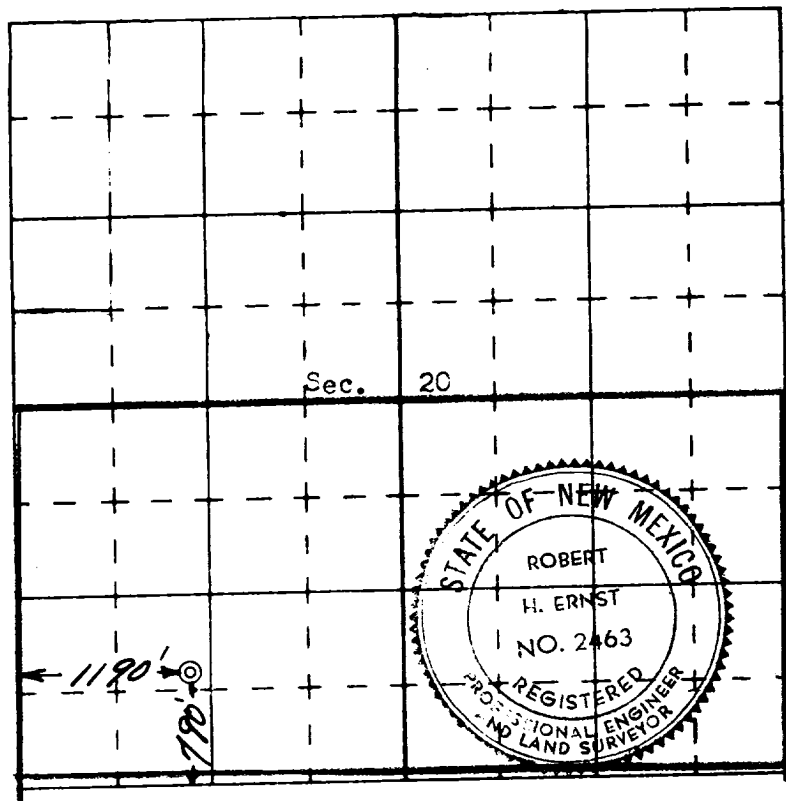
**CERTIFICATION**

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

Name M. K. Wagner  
 Position \_\_\_\_\_  
 Company **Tenneco Oil Company**  
 Date **July 7, 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.

**6 July 1967**  
 Date Surveyed \_\_\_\_\_  
 Registered Professional Engineer and/or Land Surveyor  
**Robert H. Ernst**  
**N. Mex. P.E. & L.S. 2463**  
 Certificate No. \_\_\_\_\_



Form 9-501  
(May 1965)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-03566

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gage Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec 20, T-30-N, R-10-W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mex

1. ☐ OIL  
WELL ☐ GAS  
WELL ☒ OTHER

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1714, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

790 FSL, 1190 FWL

Unit M

14. PERMIT NO.

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

6159 Gr.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Rigged up to spud 7/13. Finished surface hole and ran 6 jts 9-5/8" 32.30# casing set @ 205'. Cemented w/250 sx cmt. Cmt Circ. WOC. Pressured to 800# , held OK. Drld to 2800, ran 90 jts 7" casing and cmtd w/225 sx followed w/100 sx @ 2800. Pressured to 800#, held OK. Drilled to TD 7282 on 7/23. Ran 222 jts 4-1/2" casing, cmtd w/225 sx first stage and 225 sx second stage. WOC. Rel rig 7/24. WO Comp.

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FARMINGTON, N. M.

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AUG 2 1967

OIL CON. COM.  
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

M. K. Wagner

TITLE

DATE

July 31, 1967

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS (5)

Cont. (1)

File (1)

\*See Instructions on Reverse Side

