

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
Box 1714, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
990' FNL 990' FWL
At proposed prod. zone

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

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. 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.)
5887 GR

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#	250	125 sx
7-7/8	4-1/2	10.5#	6745	1st stage 200 sx 2nd stage sufficient to circulate to surface

We propose to rig up drill to approximately 6745. Run Induction Electric and Gamma Ray Density Log. Run 4-1/2 J-55 casing to TD. Cement w/stage collar set at approximately 300' below bottom of Mesaverde. Log, perforate and frac and complete as single Dakota. Run 2-3/8" tubing and conduct deliverability tests.

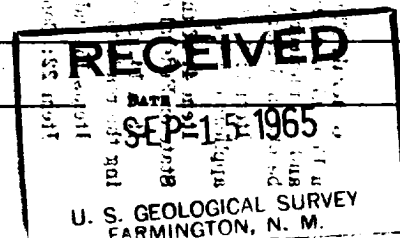


IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed By
HAROLD C. NICHOLS
SIGNED H. C. Nichols TITLE Senior Production Clerk DATE 9-14-65
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY GM TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



5. LEASE DESIGNATION AND SERIAL NO.
SF 079319
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Schwerdtfeger "A"
9. WELL NO.
2
10. FIELD AND POOL, OR WILDCAT
Basin Dakota
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 31, T28N, R8W
12. COUNTY OR PARISH
San Juan
13. STATE
N.M.

17. NO. OF ACRES ASSIGNED
TO THIS WELL
291

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
9-12-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Subsidiary Order
Revised 1-55

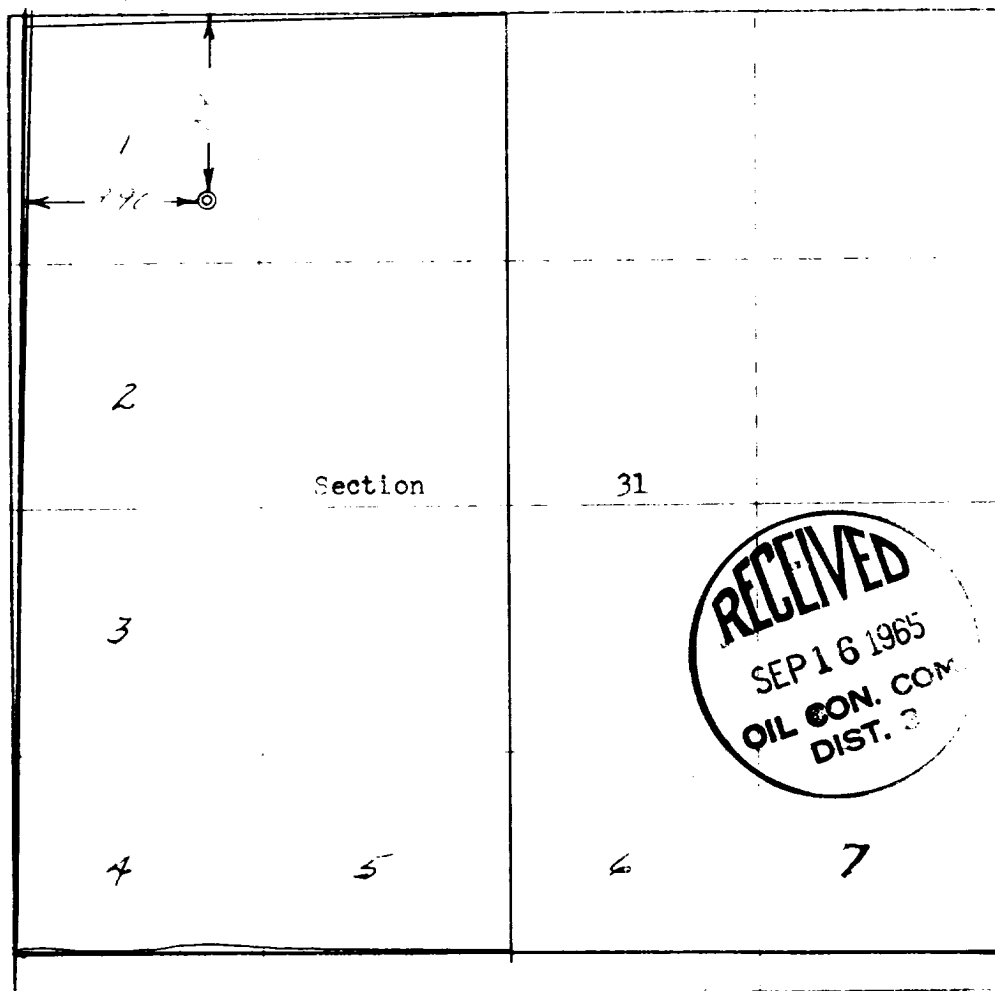
TENNECO OIL COMPANY		Schwerdtfeger "A" Schwerdtfeger-448		2
D	31	28 North	8 West	San Juan
990	North	990	West	
5887' ungraded	Basin Dakota	Basin Dakota	291	

- 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 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 been consolidated (use reverse side of this form if necessary): _____

No allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, force pooling, or otherwise) to a unit of 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.

Original Signed By

HAROLD C. NICHOLS

H. C. Nichols

Senior Production Clerk

Tenneco Oil Company

Box 1714, Durango, Colo.

9-14-65

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.

20 August 1965

Robert J. Ernst
ROBERT J. ERNST

N. Mex. PE & LS 2463