

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
1190' FNL 790' FWL Unit D
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.)
5876' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	32#	400'	Cement to surface.
9-7/8"	7-5/8"	26.4#	3100'	Cement to surface.
6-3/4"	4-1/2"	10.5 & 11.6#	6770'	1st stage 150 sx. 2nd stage 150 sx.

We plan to drill to approximate T.D. 6700'. Run IES and GRD logs. Run casing as shown above w/ stage collar approximately 300' below bottom of Mesaverde. W.O.C. Perforate and frac and run 2-3/8" EUE tubing and conduct deliverability tests.

Note: Schwerdtfeger "A" #2 to be plugged and abandoned. Above is to be plugged near same location of #2 well.

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 Harold C. Nichols TITLE Senior Production Clerk DATE 11-30-66
Harold C. Nichols
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

5-USGS
1-Conoco
1-File

*See Instructions On Reverse Side

RECEIVED
DEC 1966

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

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.
2X
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
New Mexico

16. NO. OF ACRES IN LEASE
320
17. NO. OF ACRES ASSIGNED
TO THIS WELL
291 W/2
19. PROPOSED DEPTH
6770'
20. ROTARY OR CABLE TOOLS
Rotary
22. APPROX. DATE WORK WILL START*
December 5, 1966



**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 SCHWERTFEGER "A"		Well No 2X
Unit letter D	Section 31	Township 28 North	Range 8 West	County San Juan	
Approximate location of Well: <div style="display: flex; justify-content: space-between;"> 1190 feet from the North line and 790 feet from the West line </div>					
Producing Formation 5876' ungraded		Pool Basin Dakota		Dedicated Acreage 291 1/2 Acres	

Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. **291.16**

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 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.

Harold C. Nichols
Name

Harold C. Nichols

Position

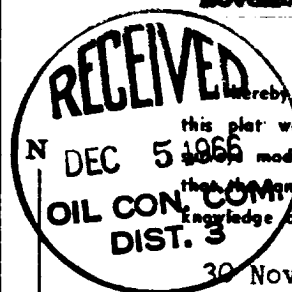
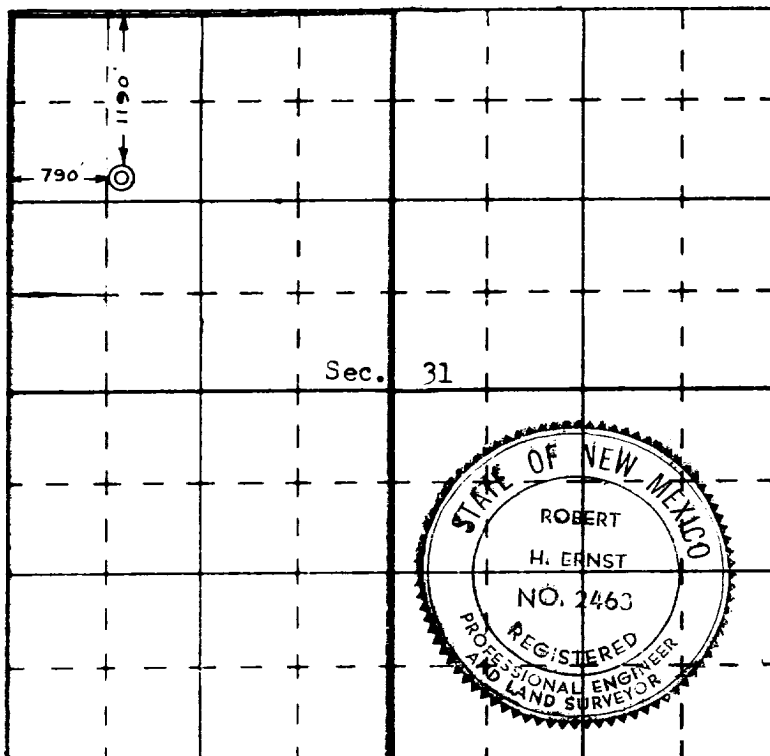
Senior Production Clerk

Company

Tenneco Oil Company

Date

November 30, 1966



I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

30 November 1966

Date Surveyed

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

Robert H. Ernst

N. Mex. PE & LS 2463

Certificate No.

Ernst Engineering Co.
Durango, Colorado