

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

Unit Letter M 990 FSL 1090 FWL

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 drilg. unit line, if any)

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320 W/2

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

19. PROPOSED DEPTH

7645

20. ROTARY OR CABLE TOOLS

Rotary

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

6712 GR

22. APPROX. DATE WORK WILL START\*

November 20, 1965

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#	450	225 sx
7 7/8 to 7100	4 1/2	10.5#	0-6645	1st stage 235 sx
6 3/4 to 7645	4 1/2	11.6#	6645-7645	2nd stage sufficient to circulate to surface

We propose to rig up drill w/rotary to approximate TD 7645. Set casing w/stage collar, set approximately 300' below bottom of Mesaverde. Log, perf and frac and complete as single Dakota producer. Run 2 3/8 tubing and test.

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

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*  
Harold C. NicholsTITLE Sr. Production ClerkDATE November 11, 1965

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY *la*

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Distribution: 1 to Conoco  
1 to Atlantic Farmington  
5 to USGS in Farmington  
See Instructions On Reverse Side

Supersedes C-128  
 EDITION 1970-1971

TENNECO OIL COMPANY

JICARRILLA "A"

6

M

20

26 North

5 West

Rio Arriba

990

South

1090

West

6712' ungraded

Basin Dakota

Basin Dakota

320

W/2

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 been 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.

Section

20

1090'

990'

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OIL CON. COM.

DIST. 3

CERTIFICATION

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

Harold C. Nichols

Harold C. Nichols

Sr. Production Clerk

Tenneco Oil Co.

November 11, 1965

I hereby certify that the well location shown on this plat was plotted from field notes or 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 June 1965

Robert H. Ernst

ROBERT H. ERNST

N. Mex. PE & LS 2463

Ernst Engineering Company, Durango, Colorado