

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

1360 Lincoln St., Suite 1200, Denver, Colorado 80203

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 1510' FSL, and 2334' FEL, Unit J

At proposed prod. zone

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

17 miles East of Aztec, N.M. on 173, North on pump canyon road for  
1 mile.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. 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.)

5820' GL

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	+ 200'	Suff. to circulate to surface.
8 3/4"	7"	23#	+ 2785	Suff. to cement back to surface
6 1/8"	4 1/2"	10.5#	+ 2585-4985	Suff. to cement back to 7" csg.

Plan to drill well as follows:

1. MIRURT, drill 12 1/4" hole to +200'.
2. Set and cement 9 5/8" casing to + 200' & cement with suff. cement to circ. to surface.
3. Drill out with 8 3/4" bit to +2785 feet.
4. Run 7" casing and cement back to surface casing.
5. Drill out of 7" using gas as the circulating fluid, do not drill more than 10' below the 7" casing shoe until the hole has dried up completely and is dusting.
6. Drill the hole to T.D., log the hole dry as requested by drillsite geologist.
7. Run 4 1/2" liner to T.D., load hole with mud and cement liner back to top of 4 1/2". Set liner hanger and POH w/drill pipe.
8. This well will be completed through casing perforations and stimulated as necessary to establish commercial production.
9. Clean up area.
10. Approximately 11 days will be required to drill this well
11. The gas is dedicated to Southern Union Gathering Co

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

*D. D. Myers*

TITLE Div Production Manager

DATE

7/30/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NWU-10

Hold C-104 for NSU

\*See Instructions On Reverse Side

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( PAGE 2 ) for FLORANCE 20 A

12. SURFACE FORMATION IS - Nacimiento.

13. FORMATION TOPS (Estimated)

Pictured Cliffs	2535	' possible oil or gas producer
Cliff House	4245	' possible oil or gas producer
Menefee	4365	' possible oil or gas producer
Point Lookout	4740	' possible oil or gas producer
Mancos Shale	4865	'

14. Mud program : see point 7 of 7 point well control plan

15. No coring or drill stem tests will be taken

16. Logs to be taken= Density  
Gamma Ray  
Caliper and temperature logs  
Deviation surveys will also be taken

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

All distances must be from the outer boundaries of the Section

Owner <b>TENNECO OIL COMPANY</b>			Lease <b>FLORANCE</b>		Well No. <b>20-A</b>
Letter <b>J</b>	Section <b>24</b>	Township <b>30 NORTH</b>	Range <b>9 WEST</b>	County <b>SAN JUAN</b>	
Footage Location of Well: <b>1510</b> feet from the <b>SOUTH</b> line and <b>2334</b> feet from the <b>EAST</b> line					
Level Elev. <b>5820</b>	Producing Formation <b>Blanco Mesa Verde</b>		Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage <b>E/320 348.67</b> 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 (communitization, unitization, force-pooling, etc?)

☐ Yes ☐ No If answer is "yes," type of consolidation .....

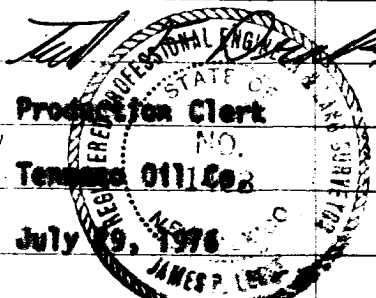
If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) .....

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.

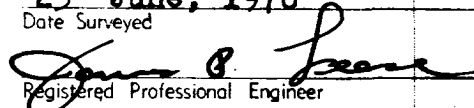
**CERTIFICATION**

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

Name \_\_\_\_\_  
 Position \_\_\_\_\_  
 Company **Production Clerk**  
 Date **July 19, 1976**



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.

**25 June, 1976**  
 Date Surveyed \_\_\_\_\_  
  
 Registered Professional Engineer  
 and/or Land Surveyor  
**James P. Leese**  
**1463**  
 Certificate No.

