

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORKDRILL ☒DEEPEN ☐PLUG BACK ☐**TYPES OF WELL**OIL ☐GAS ☐WELL ☒OTHER ☐SINGLE ☐MULTIPLE ☐**2. NAME OF OPERATOR**

Tenneco Oil Company

3. ADDRESS OF OPERATOR

Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203

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

At surface 1845 FSL & 925 FEL

At proposed prod. zone

(Wm 1545/5)

11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE***13. DISTANCE FROM PROPOSED***LOCATION TO NEAREST
PROPERTY ON LEASE LINE, FT.
(Also to nearest dry unit line, if any)**18. DISTANCE FROM PROPOSED LOCATION***TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.**16. NO. OF ACRES IN LEASE**

1201.16

**17. NO. OF ACRES ASSIGNED
TO THIS WELL**

320.70

19. PROPOSED DEPTH

5670

20. ROTARY OR CABLE TOOLS

Rotary

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

6226' GL

22. APPROX. DATE WORK WILL START*

September 10, 1975

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9 5/8"	36#	200	Sufficient to circulate
8 3/4"	7"	20#	3400'	Cmt. back to surface casing.
6 1/2"	4 1/2"	10.5#	+5670	Cmt. back to intermediate casing.

The proposed drilling program for this well is as follows. Drill 12 1/2" hole to + 200' and set a 9 5/8" casing, circulate cement to surface. Drill 8 3/4" hole to + 3400' and run 7" casing and cement back to surface casing. Drill on to TD using gas as circulating fluid. Log the hole and hang 4 1/2" Liner to TD. Load hole with mud and cement liner back to 7". Set liner hanger and POH with drill pipe. This well will be completed through casing perforations in the Mesa Verde formation and stimulated as necessary to establish commercial gas production.

✓ The location of this well has been changed due to a request by the BLM.

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.

SIGNED [Signature]

TITLE Production Clerk

DATE August 12/1975

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 15 1975

OIL CON. CO.

RECEIVED

AUG 14 1975

U.S. GEOLOGICAL SURVEY

Form C-102
Supersedes C-1
Effective 1-1-55

All distances must be from the outer boundaries of the Section.

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 _____

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 con-
tained herein is true and complete to the
best of my knowledge and belief.

Neil J. Drake
Position
Production Clerk

Company
Tenneco Oil Co.

Date
August 12, 1975

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

James P. Leese
Date Surveyed
23 July 1975
Registered Professional Engineer
in Oil and Gas Surveying
James P. Leese
Certificate No.
1463

