

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-20974

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
 Suite 1200 Lincoln Tower Bldg., Denver, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1460' F/SL & 1450' F/WL
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 NM-0468006

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Gallegos Canyon Federal

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Basin Dakota
 Buena Suerte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 4, T-25N, R-11W

12. COUNTY OR PARISH
 San Juan

13. STATE
 New Mexico

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)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 6060'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6407.0 GR

22. APPROX. DATE WORK WILL START*
 Upon Approval

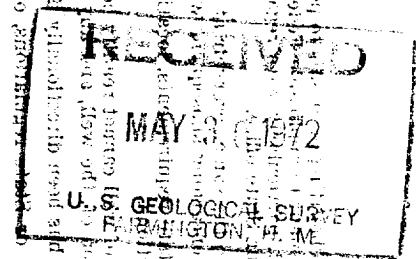
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	90'	Sufficient to circulate
7-7/8"	5-1/2"	15.5#	6060'	Sufficient to fill 500' above Producing Zone

Above well to be a 6060' Morrison Well. Well will be drilled to T.D., logged and if commercial production is indicated, casing will be run, perforated and formation treated as necessary to establish commercial production.

B.O.P. to be tested each 24 hours.

Unit Letter K.



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 W L Shaver TITLE Sr. Production Clerk DATE 5/26/72

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Ja TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*Check C-104 for NSL +
40 acre plat for oil well*
 See Instructions On Reverse Side

**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 GALLEGOS CANYON FEDERAL		Well No. 1
Unit Letter K	Section 4	Township 25 NORTH	Range 11 WEST	County SAN JUAN
Actual Footage Location of Well: 1460 feet from the SOUTH line and 1450 feet from the West line				
Ground Level Elev. 6407.0	Producing Formation Basin Dakota		Dedicated Acreage: W/320 Acres	

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

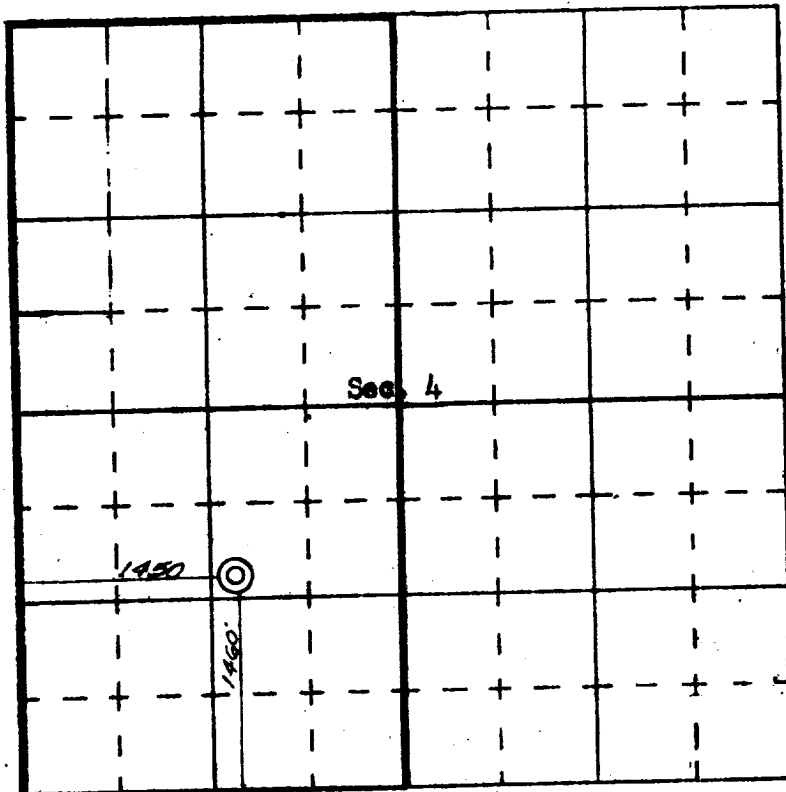
CERTIFICATION

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

Name W. L. Shaver
 Position Sr. Production Club
 Company Tenneco Oil Co.
 Date 5/26/72

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.

Date 5/26/72
 Registered Professional Engineer and Land Surveyor
 W. L. SHAYER
 No. 0000000000
 State of New Mexico
 Certificate No. _____



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.