

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0554709	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Core Test for <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> Geol. Data		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado		8. FARM OR LEASE NAME Torreon Core Test	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 995 FSL, 905 FWL, Unit M At proposed prod. zone		9. WELL NO. 8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Cuba New Mexico, 20 miles		10. FIELD AND POOL, OR WILDCAT Wildcat	
16. NO. OF ACRES IN LEASE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 27, T-18-N, R-3-W	
17. NO. OF ACRES ASSIGNED TO THIS WELL None		12. COUNTY OR PARISH Sandoval	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		13. STATE New Mexico	
19. PROPOSED DEPTH 1500		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6442 Gr.		22. APPROX. DATE WORK WILL START*	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE 11"	SIZE OF CASING 8-5/8"	WEIGHT PER FOOT	SETTING DEPTH 30
			QUANTITY OF CEMENT 10 sx

Well will be drilled to approximately 1500', top of Mancos Shale. After coring program is completed, wells will be plugged or cased and completed as warranted by information. It is requested that no information (including locations) be released for a period of one year or at an earlier date if specified by Tenneco.

THIS WELL IS BEING DRILLED AS A STRATIGRAPHIC TEST-HOLE FOR GEOLOGICAL INFORMATION ONLY AND UNDER NO CIRCUMSTANCES WILL IT BE PRODUCED.

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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 M. K. Wagner TITLE _____ DATE August 3, 1967

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY GA TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**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 Torreón Core Test		Well No. 8
Unit Letter M	Section 27	Township 18 North	Range 3 West	County Sandoval	

Actual Footage Location of Well:
995 feet from the **South** line and **905** feet from the **West** line

Ground Level Elev. 5442' ungraded	Producing Formation Wildcat	Pool Wildcat	Dedicated Acreage: Acres
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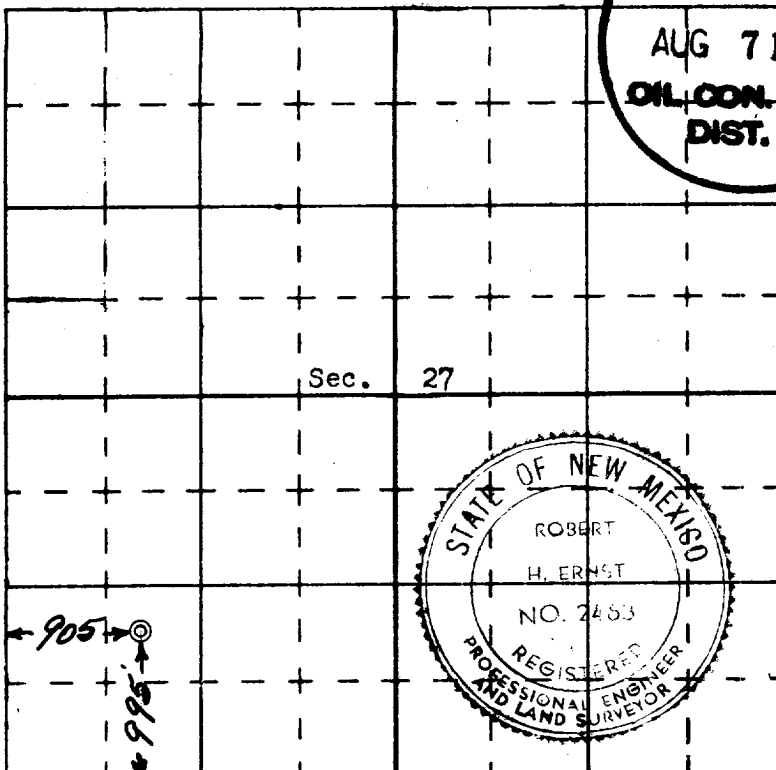
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
3. If more than one lease of different ownership is 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 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.

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Ernst Engineering Co.
Durango, Colorado

CERTIFICATION

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

Name M. K. Wagner
M. K. Wagner

Position _____

Company Tenneco Oil Company

Date August 3, 1967

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 Surveyed 2 August 1967

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

Robert H. Ernst
N. Mex. PE & LS 2463

Certificate No. _____