

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. Jicarilla Cont 108	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Dulce N.M.	
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 Jicarilla "C"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface * 505 FSL 1070 FWL Unit M		9. WELL NO. 7	
At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA Sec. 13, T26N - R5W	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE 320		13. STATE New Mexico	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 S/2		18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	
19. PROPOSED DEPTH 7795		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6689 Gr.		22. APPROX. DATE WORK WILL START* Sept. 20, 1966	

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"	20 & 24#	400'	Cement to surface
7 7/8"	4 1/2"	10.5 & 11.6#	7795'	1st stage 235 sx
				2nd stage - Cement to surface

We plan to drill to approximate TD 7795', run casing as shown above with stage collar set approximately 300' below bottom of Mesaverde. Run IES and Gamma Ray Density logs. Perforate and frac and complete as single Dakota well. Run 2 3/8" EUE tubing and conduct deliverability tests.

*Note: Application for Unorthodox Location filed with New Mexico Oil Conservation Commission, Santa Fe, New Mexico.

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 TITLE Senior Production Clerk DATE 9/12/66
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

DISTRIBUTION:

5-USGS
1-Continental
1-Atlantic
1-File

*See Instructions On Reverse Side

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

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

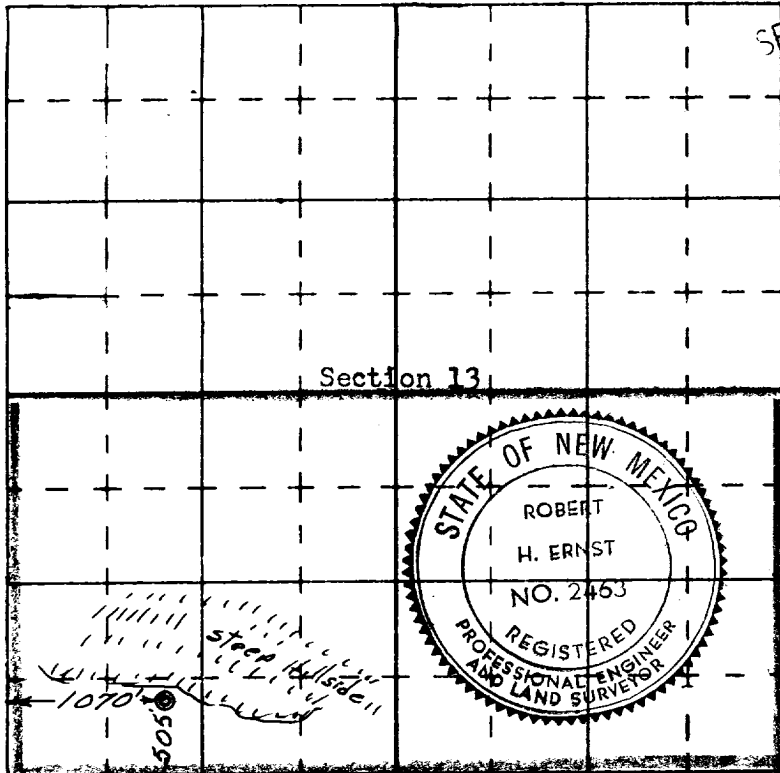
All distances must be from the outer boundaries of the Section

Operator TENNEDO OIL COMPANY			Lease JICARILLA "C"		Well No. 7
Unit Letter M	Section 13	Township 26 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well:					
505	feet from the	South	line and	1070	feet from the
Ground Level E.s.	Producing Formation		Post	Dedicated Acreage	
6689' ungraded	Basin Dakota		Basin Dakota	320	8/2 Acres

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 communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



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CERTIFICATION

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

Harold C. Nichols
 Name
Harold C. Nichols
 Position
Senior Production Clerk
 Company
Tenneco Oil Company
 Date
September 12, 1966

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.

1 September 1966
 Date Surveyed
Robert H. Ernst
 Registered Professional Engineer
 and/or Land Surveyor

Robert H. Ernst
Reg. PE & LS B. Mex. 2463

Certificate No. _____