

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. SF 077107
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		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 Michener
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1605' FNL 1085' FWL At proposed prod. zone Unit Letter "E"		9. WELL NO. #1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28-T-28-N, R-9-W
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 N/2		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6004 GR		22. APPROX. DATE WORK WILL START* March 30, 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	24#	250	125 sx
7-7/8	4-1/2	10.5 & 11.6#	7600	1st stage 250 sx 2nd stage 130 sx 3rd stage 320 sx

We propose to rig up, drill w/rotary to aprx.T.D. 7600. Run IES and GR-Density Logs. Set casing as shown above with stage collar set aprox. 300' below bottom of Mesaverde. Perforate and frac and complete as single Dakota gas well. Run 2-3/8 tbg. and test.

RECEIVED
MAR 28 1966
OIL CON. COM.
DIST. 3

RECEIVED

MAR 25 1966

U. S. GEOLOGICAL SURVEY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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 March 23, 1966
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

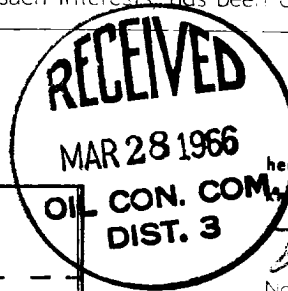
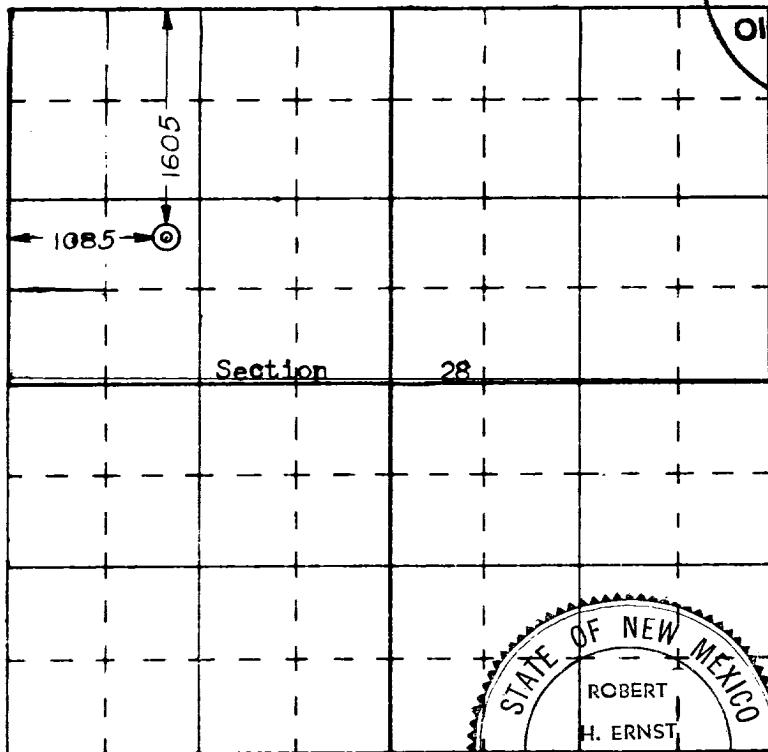
All distances must be from the outer boundaries of the Section

Operator TENNECO OIL COMPANY			Lease MICHENER		Well No. 1
Unit Letter E	Section 28	Township 28 North	Range 9 West	County San Juan County	
Actual Footage Location of Well: 1605 feet from the North line and 1085 feet from the West line Ground Level Elev. 6004' ungraded Producing Formation Basin Dakota Pool Basin Dakota Dedicated Average: N/2 Acres 320					

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.



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 March 23, 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.

22 March 1966
 Date Surveyed
Robert H. Ernst
 Registered Professional Engineer
 and/or Land Surveyor
Robert H. Ernst
N. Mex. PE & LS 2463

Certificate No. _____

Ernst Engineering Co.
Durango, Colorado

