

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-~~845~~-20148

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SP 078385
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. NAME OF OPERATOR Tennessee Oil Company		7. UNIT AGREEMENT NAME
4. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado 81301		8. FARM OR LEASE NAME Florance
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990 FSL, 990 FEL At proposed prod. zone Unit P		9. WELL NO. 105
6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs
7. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR ABANDONED WELL, ON THIS LEASE, FT.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T-30-N, R-8-W
8. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		12. COUNTY OR PARISH San Juan
9. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR ABANDONED WELL, ON THIS LEASE, FT.		13. STATE New Mexico
10. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR ABANDONED WELL, ON THIS LEASE, FT.	16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 160
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR ABANDONED WELL, ON THIS LEASE, FT.	19. PROPOSED DEPTH 3095	20. ROTARY OR CABLE TOOLS Rotary
21. DIRECTIONS (Show whether DE, RT, GR, etc.) 6142 Ungr. Cr.		22. APPROX. DATE WORK WILL START* 9/15/67

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#	150	Cmt to surface
7-7/8"	3-1/2"	7.7#	3095	Cmt back to surface.

We will rig up and drill to an approximate T. D. of 3095'.
Run casing as shown above and WOC. Perf and frac and
complete as a Pictured Cliffs gas well. Run a deliverability
test.



SEP 14 1967

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 prevention program, if any.

SIGNED [Signature] TITLE _____ DATE 9/12/67
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

USGS (5)
Cont (1)

*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 FLORANCE		Well No. 105
Unit Letter P	Section 23	Township 30 North	Range 8 West	County San Juan County	
Actual Footage Location of Well					
990	feet from the	South	line and	990	feet from the East line
Ground Level Elev. 6142' ungraded	Producing Formation Blanco Pictured Cliffs		Pool Blanco Pictured Cliffs	Dedicated Acreage 160	SE/4 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.

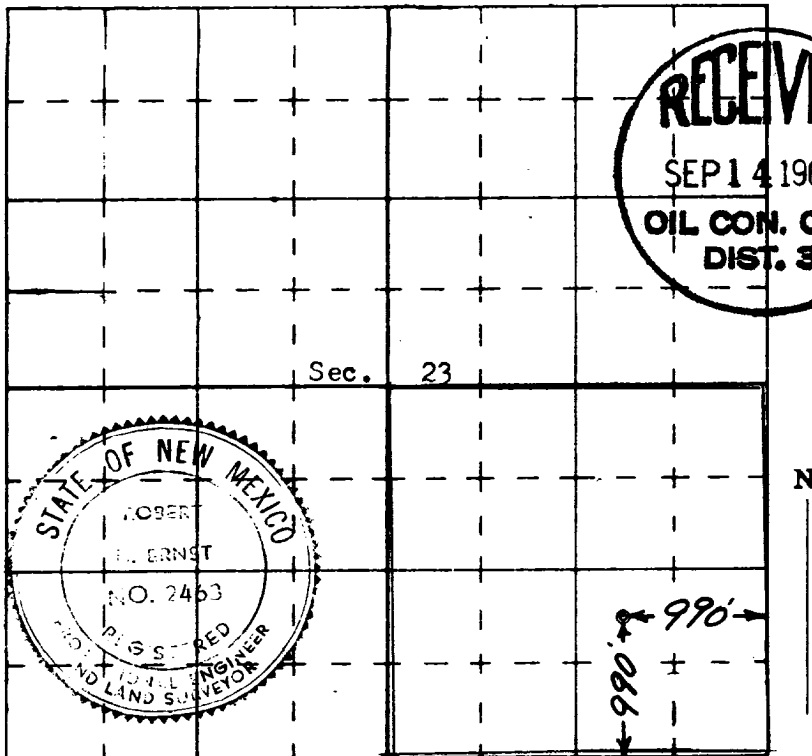
CERTIFICATION

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

Name *M. K. Wagner*
 Position _____
 Company Tenneco Oil Company
 Date 9/12/67

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 September 7, 1967
Robert H. Ernst
 Registered Professional Engineer
 and/or Land Surveyor
 Robert H. Ernst
 N. Mex. P.E. & L.S. 2463
 Certificate No. _____



Ernst Engineering Co.
 Durango, Colorado