

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. Com 773 (SF-078201)	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" 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 Florance	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1700' FSL, 990' FWL Unit "L" At proposed prod. zone				9. WELL NO. 4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*				10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde and Basin Dakota	
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 320		17. NO. OF ACRES ASSIGNED TO THIS WELL 320 W/2	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 7650		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6268' GR				22. APPROX. DATE WORK WILL START* July 25, 1966	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
6-1/4	4-1/2	10.5 & 11.6#	7650	1st stage - cement to surface	
				2nd stage - cement to surface	

We plan to rig up, pull tubing, clean out to old T.D. 5510' with bit. Set cement retainer at 5120'. Cement old shot hole with 350 sacks. WOC. Set cement retainer at 4720'. Cement perfs 4800-4920 with 150 sacks. WOC. Drill out retainers and clean out to 5230'. Set 3-1/2 degree knuckle joint and drill 6-1/4" hole to approximate T.D. 7650'. Run GR Induction and GR Density Log. Run casing as shown above with stage collar set approximately 300' below bottom of Mesaverde. WOC. Clean out to T.D. Perforate and frac both Mesaverde and Dakota zones and complete as a dual gas well. Set production packer between zones. Run 2-3/8" landing landed in packer. Run packer leakage and deliverability tests.

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 July 19, 1966
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

Distribution:

5 - USGS
1 - Continental
1 - File

*See Instructions On Reverse Side

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

File

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

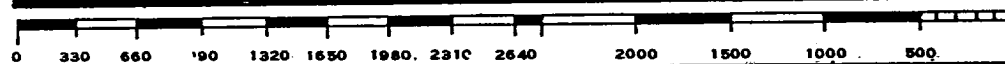
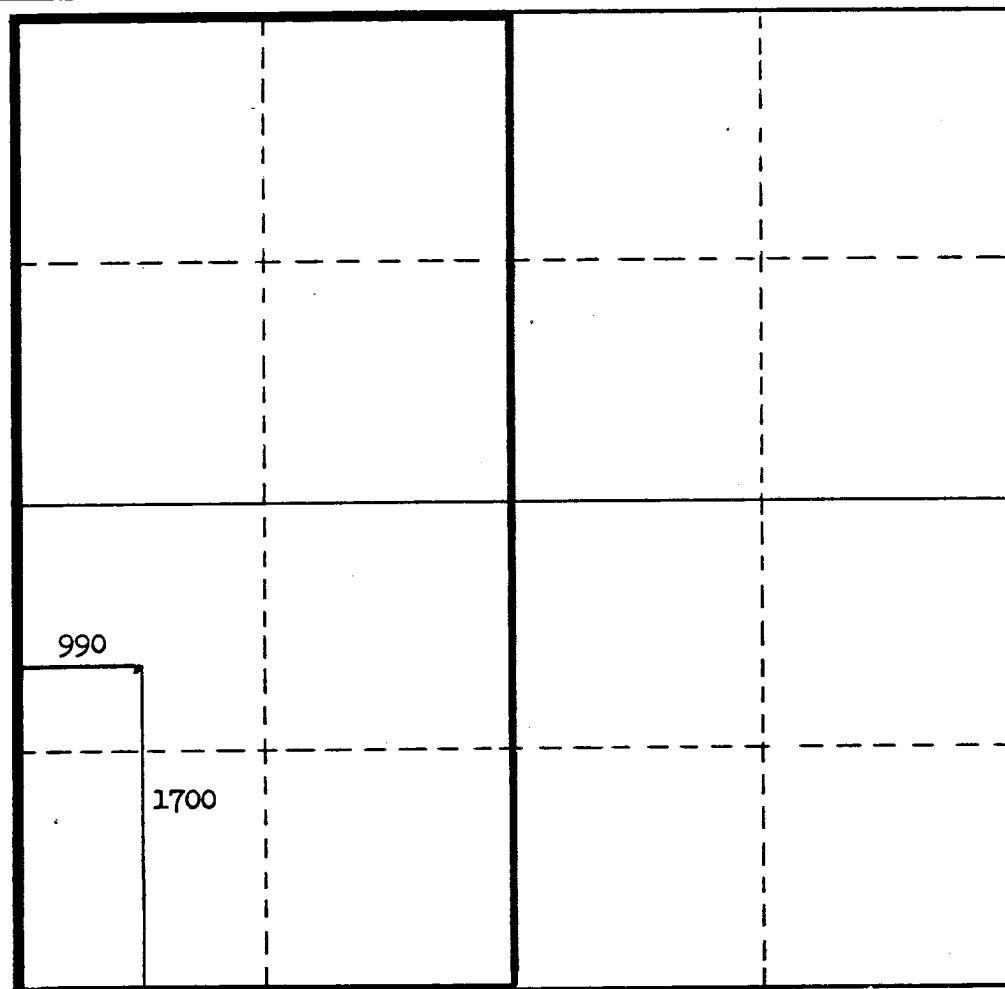
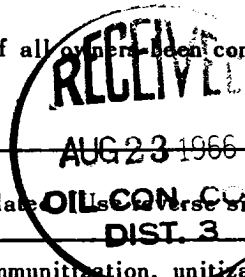
All distances must be from the outer boundaries of the Section.

Operator Tenneco Oil Company			Lease Florance		Well No. 4
Unit Letter L	Section 10	Township 30-N	Range 9-W	County San Juan	
Actual Footage Location of Well: 1700 feet from the South line and 990 feet from the West line					
Ground Level Elev. 6268	Producing Formation Basin Dakota		Pool Basin Dakota		Dedicated Acreage: 320 W/2 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 been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Oil Co. on reverse side of this form if necessary.



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 **August 23, 1966**

Date

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.