

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. 110	
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 Penneco Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1714, Durango, Colorado		8. FARM OR LEASE NAME Jicarilla A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit Letter 2 1750' FNL 1450' FFL At proposed prod. zone		9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
16. NO. OF ACRES IN LEASE 320		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T26N, R5E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH Rio Arriba	
20. ROTARY OR CABLE TOOLS Rotary		13. STATE	
22. APPROX. DATE WORK WILL START* Oct. 15, 1965			

## 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#	450	225 sx
7-7/8 to 7100'	4-1/2	10.5#	0-6660	1st stage 235 sx
6-3/4 to 7700'	4-1/2	11.6#	6660-7660	2nd stage sufficient to circulate to surface.

We propose to rig up, drill to approximately 7660. Set casing with stage collar set approximately 300' below bottom of Mesaverde. WOC. Log, perforate and frac Dakota formation and complete as a single Dakota producer. Run 2-3/8" tubing and test.



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. Original Signed By  
HAROLD C. NICHOLS  
SIGNED H. C. Nichols TITLE Senior Production Clerk DATE 9-20-65  
(This space for Federal or State office use)

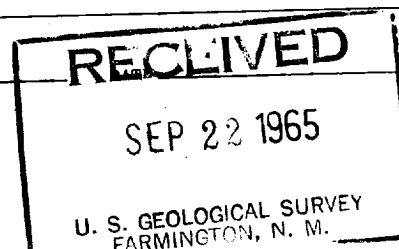
PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

\*See Instructions On Reverse Side





NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1  
Substituted 1-1-58  
Rev. 1-1-58

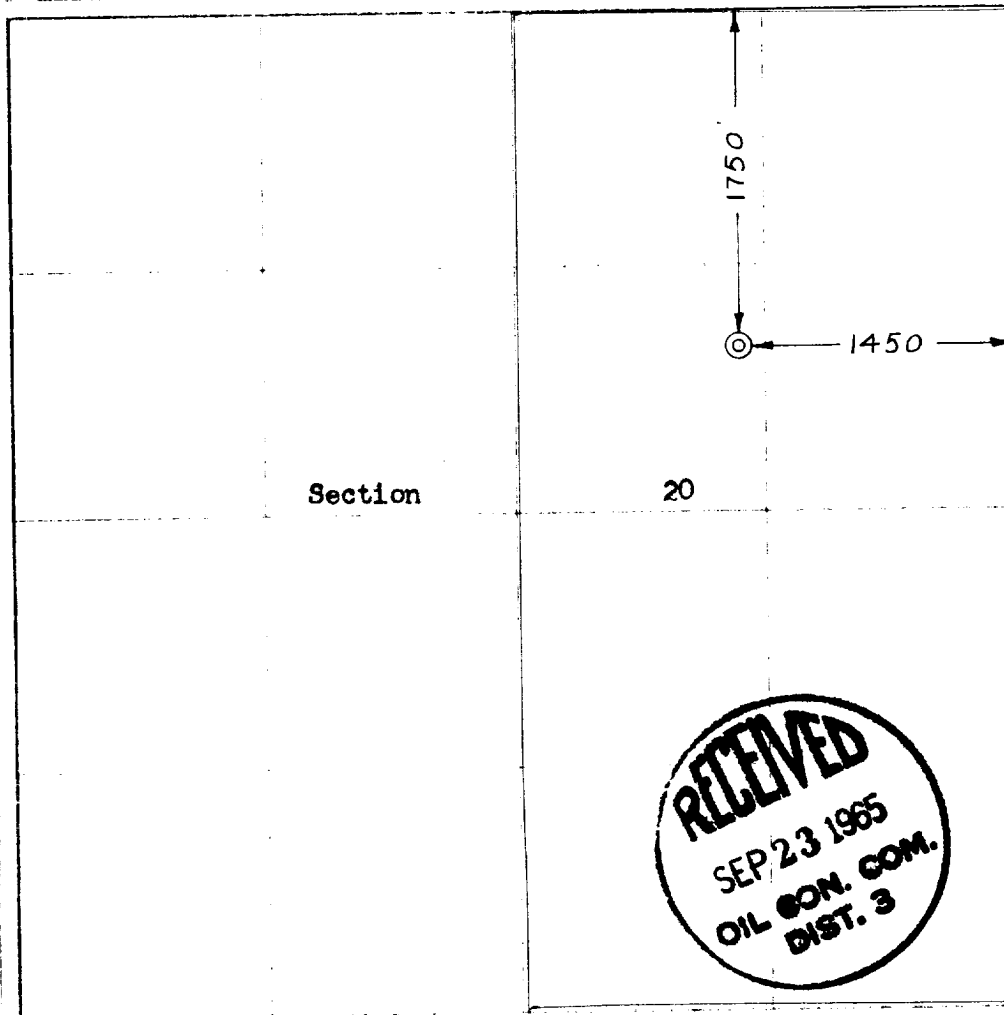
TENNECO OIL COMPANY		JUCARILIA "A"		5
0	20	26 North	5 West	Rio Arriba
1750	North	1450	East	
6630' ungraded	Basin Dakota	Basin Dakota	320	

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 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 (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, force-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 furnished herein is true and complete to the best of my knowledge and belief.

Original Signed By  
**HAROLD C. NICHOLS**  
**H. C. Nichols**  
**Senior Production Clerk**  
**Tenneco Oil Company**

Box 1714, Durango, Colo.

9-20-65

I hereby certify that the well location shown on this plat was plotted from field notes of a land survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

20 June 1965

*[Signature]*  
R. B. ERNST

N. Mex. PB & LS 2463