

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
BLM MAIL ROOM

30-045-26837

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078046

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hughes LS

9. WELL NO.  
5A

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
E Sec 21 T29N R8W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ FARMINGTON PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 3249 Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1745' FNL, 1085' FWL  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
+ 18 miles east of Bloomfield, NM

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 895'

16. NO. OF ACRES IN LEASE  
2538.24

17. NO. OF ACRES ASSIGNED  
TO THIS WELL W320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 250

19. PROPOSED DEPTH  
5750'

20. ROTARY OR CABLE TOOLS  
rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
This action is subject to Federal and State laws and regulations.  
6449' GL

22. APPROX. DATE WORK WILL START\*  
asap

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	9-5/8"	36#	± 250'	165ft <sup>3</sup> C1B + 2% CaCl <sub>2</sub>
8-3/4"	7"	23#	± 3800'	±206ft <sup>3</sup> C1B + 2% CaCl <sub>2</sub>
			Second Stage	±589ft <sup>3</sup> 65/35 Poz + 6% Gel + 2% CaC
			Tail	± 70ft <sup>3</sup> C1B + 2% CaCl <sub>2</sub>
6-1/4"	4-1/2"	10.5#	± 5750'	±368ft <sup>3</sup> C1B + 2% CaCl <sub>2</sub>
			Tail	±118ft <sup>3</sup> C1B

See attached.

This gas is dedicated.

Approval of this action does  
not warrant that the applicant  
holds legal or other rights  
or title to this land.

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 Walter J. [Signature] TITLE Staff Administrative Analyst DATE 10/8/87

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

OK  
[Signature]

NMOCC

for Robert Moore

RECEIVED  
OCT 22 1987  
OIL CON. DIV.  
DIST. 3

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.

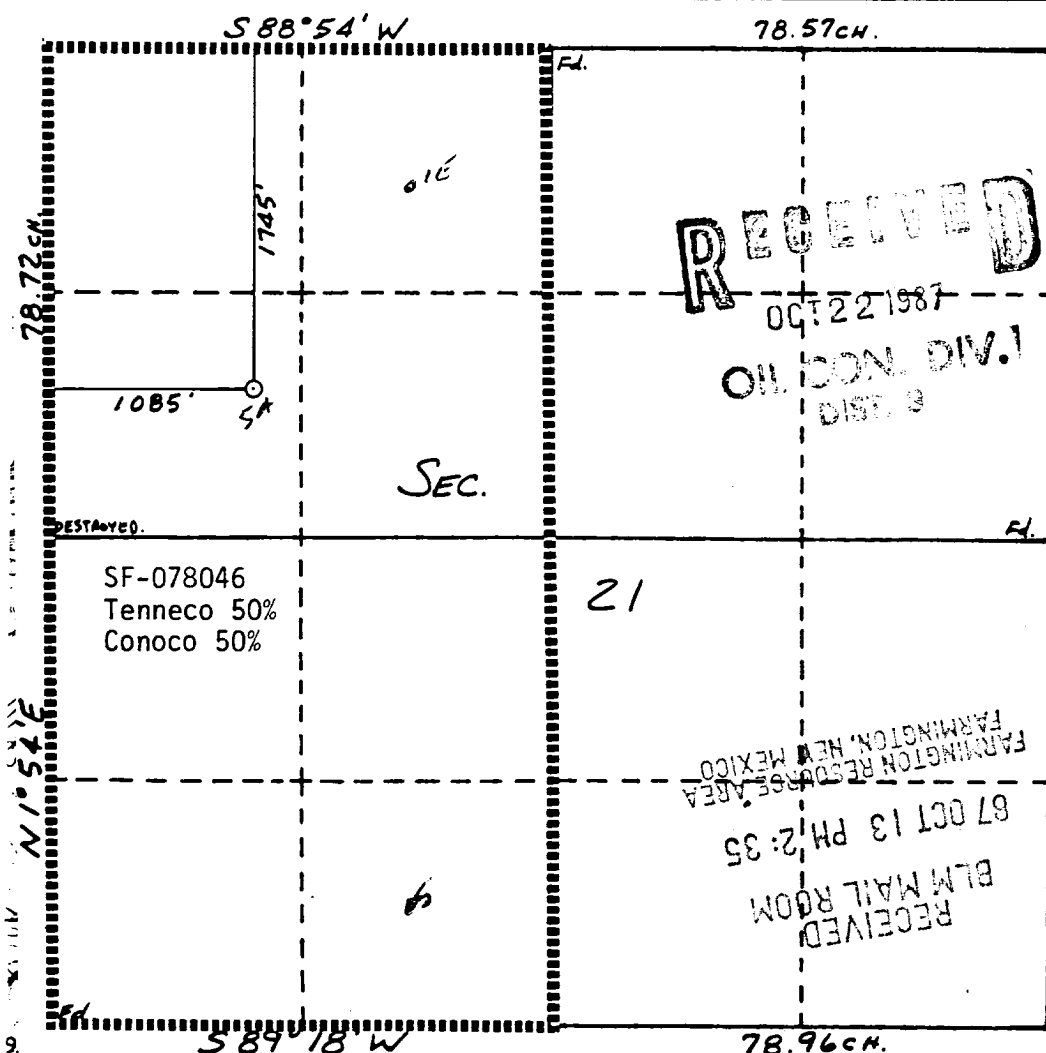
Operator TENNECO OIL COMPANY		Lease HUGHES LS		Well No. 5A	
Unit Letter E	Section 21	Township 29 N	Range 8 W	County San Juan	
Actual Footage Location of Well: 1745 feet from the North line and 1085 feet from the West line					
Ground Level Elev. 6449	Producing Formation Mesaverde		Pool Blanco	Dedicated Acreage: 320 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 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, 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.

*Niles V. Jokela*

Name  
Niles V. Jokela

Position  
Staff Administrative Analyst

Company  
Tenneco Oil Company

Date  
10/6/87

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  
10/6/87

Registered Professional Engineer and  
Registered Surveyor

Certificate No.  
8466

FORM 24-11