

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

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  
1790' FNL, 1690' FEL  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
± 10 miles northeast of Aztec

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1690'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1690'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6538' GL DRILLING OPERATIONS AUTHORIZED ARE

23. SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM "GENERAL REQUIREMENTS".

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	32#	250'
7 7/8"	4 1/2"	10.5#	TD
			3280'

5. LEASE DESIGNATION AND SERIAL NO.

SF-078336-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Barrett

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Blanco PC EXX

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

6 Sec. 19, T31N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160 15644

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
ASAP

This action is subject to technical and other rules and regulations to be approved by the Bureau of Land Management.

QUANTITY OF CEMENT  
175 sx Class B  
600 sx/35 + 150 sx Class B

RECEIVED  
OCT 07 1987  
OIL CON. DIV  
DIST. 3

"Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease."

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 David H. Hatt TITLE Sr. Administrative Analyst DATE 9/29/87

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

OCT 03 1987

/s/ Arlan S. Hiner

for AREA MANAGER

NMOCC

OK  
H/B

**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.

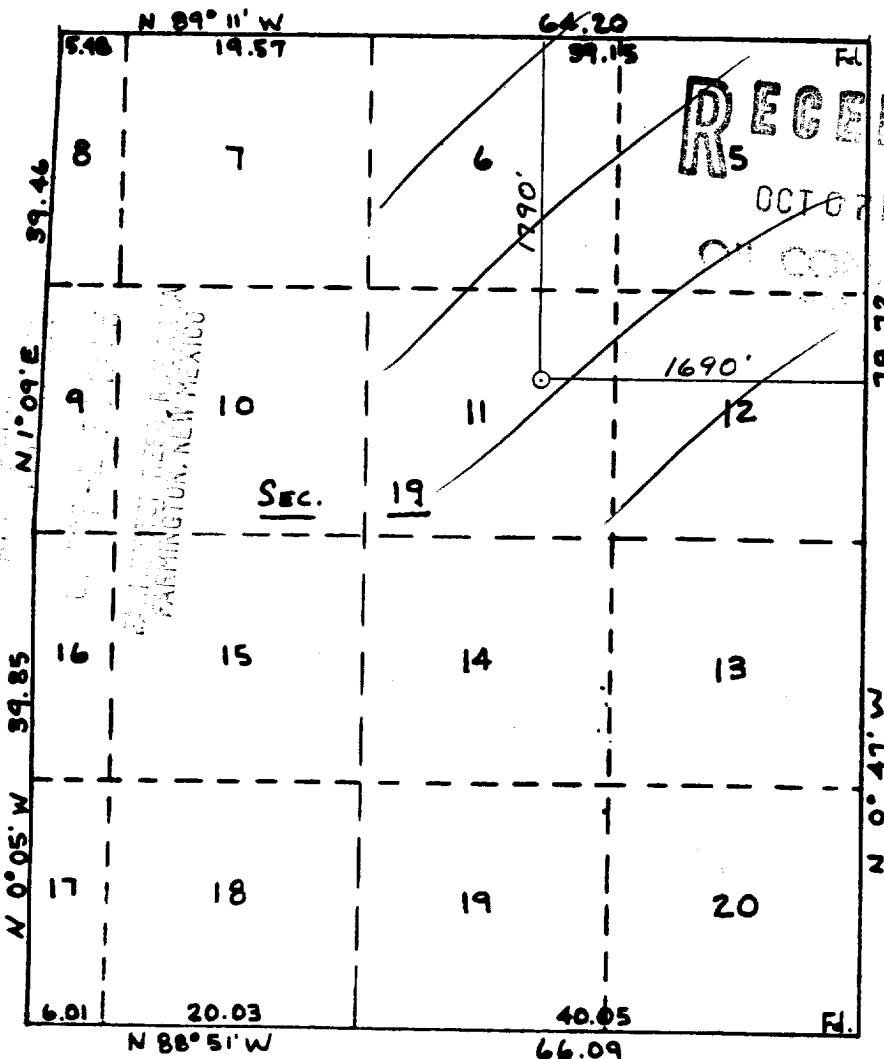
Operator <b>TENNECO OIL COMPANY</b>			Lessee <b>BARRETT</b>		Well No. <b>12</b>
Unit Letter <b>G</b>	Section <b>19</b>	Township <b>31 N</b>	Range <b>9 W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1790</b> feet from the <b>North</b> line and <b>1690</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6538</b>	Producing Formation <b>P.C.</b>		Pool <b>Blanco Est</b>	Dedicated Acreage: <b>156.44</b> 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.

Name  
**David Hiatt**  
Position  
**Sr. Administrative Analyst**  
Company  
**Tenneco Oil Company**  
Date  
**9/29/87**

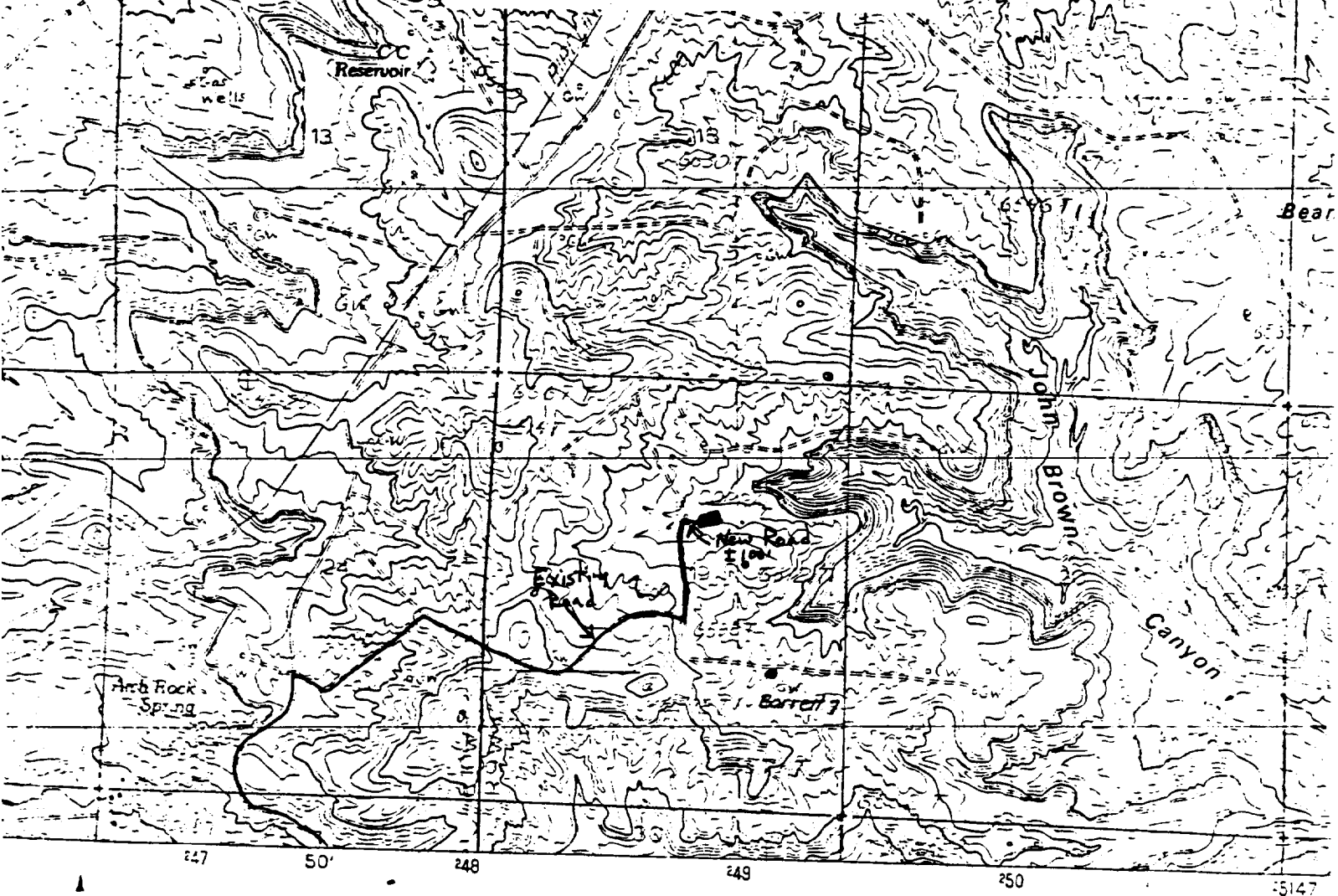
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**9-15-87**  
Surveyor  
**William W. Mahne II**  
Registered Professional Engineer and  
Lead Surveyor  
**#8466**  
Certificate No. **PROFESSIONAL LAND SURVEYOR**

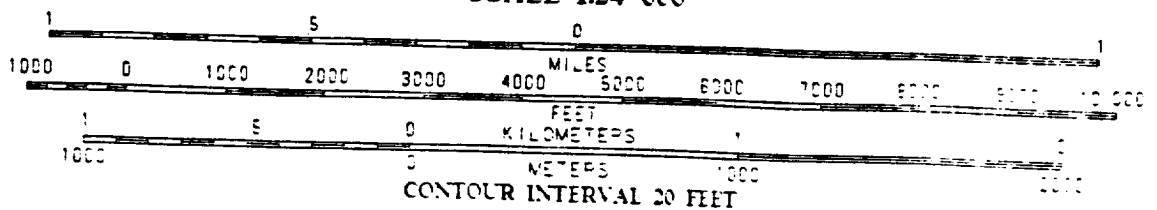
Access Roads  
Tenneco Oil Company  
Barrett #12

1790' FNL, 1690' FEL  
Sec. 19, T31N, R9W  
San Juan County, New Mexico

MAP #3



SCALE 1:24 000



VISIONAL MAP  
ed from original  
ript drawings. Infor-  
shown as of date of  
week. 2

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092