

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

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. SF-078336-B	
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	
2. NAME OF OPERATOR Tenneco Oil Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3249 Englewood, Colorado 80155				8. FARM OR LEASE NAME Barrett	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 930' FNL, 1035' FEL At proposed prod. zone same				9. WELL NO. 13	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles NE of Aztec, N.M.				10. FIELD AND POOL, OR WILDCAT Undesignated PC EXT	
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 1160.05		17. NO. OF ACRES ASSIGNED TO THIS WELL 160.38	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 3279		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6298 GR				22. APPROX. DATE WORK WILL START* ASAP	
23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM					
This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.					
SIZE OF HOLE		SIZE OF CASING		QUANTITY OF CEMENT	
12 1/4"	8 5/8"	24#, K-55	+ 200'	Circ to Surface	
7 7/8"	4 1/2"	10.5#, K-55	+ 3279'	Circ to Surface	

See attached Drilling Procedure

See Item 1.B. on Surface Use Plan and Maps 2A & 2B for BLM Right-of-Way application.

RECEIVED
JUL 14 1988
OIL CON. DIV.
DIST. 3

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 Nile V. Jotak TITLE Staff Analyst DATE 6/9/88
(This space for Federal or State office use)

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

JUL 12 1988
AREA MANAGER

NMOCC

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 BARRETT		Well No. 13
Unit Letter A	Section 20	Township 31 N	Range 9 W	County SAN JUAN	
Actual Footage Location of Well: 930 feet from the North line and 1035 feet from the East line					
Ground Level Elev. 6298	Producing Formation Pictured Cliffs	Pool BLANCO EXT Undesignated		Dedicated Acreage: 160.38 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?

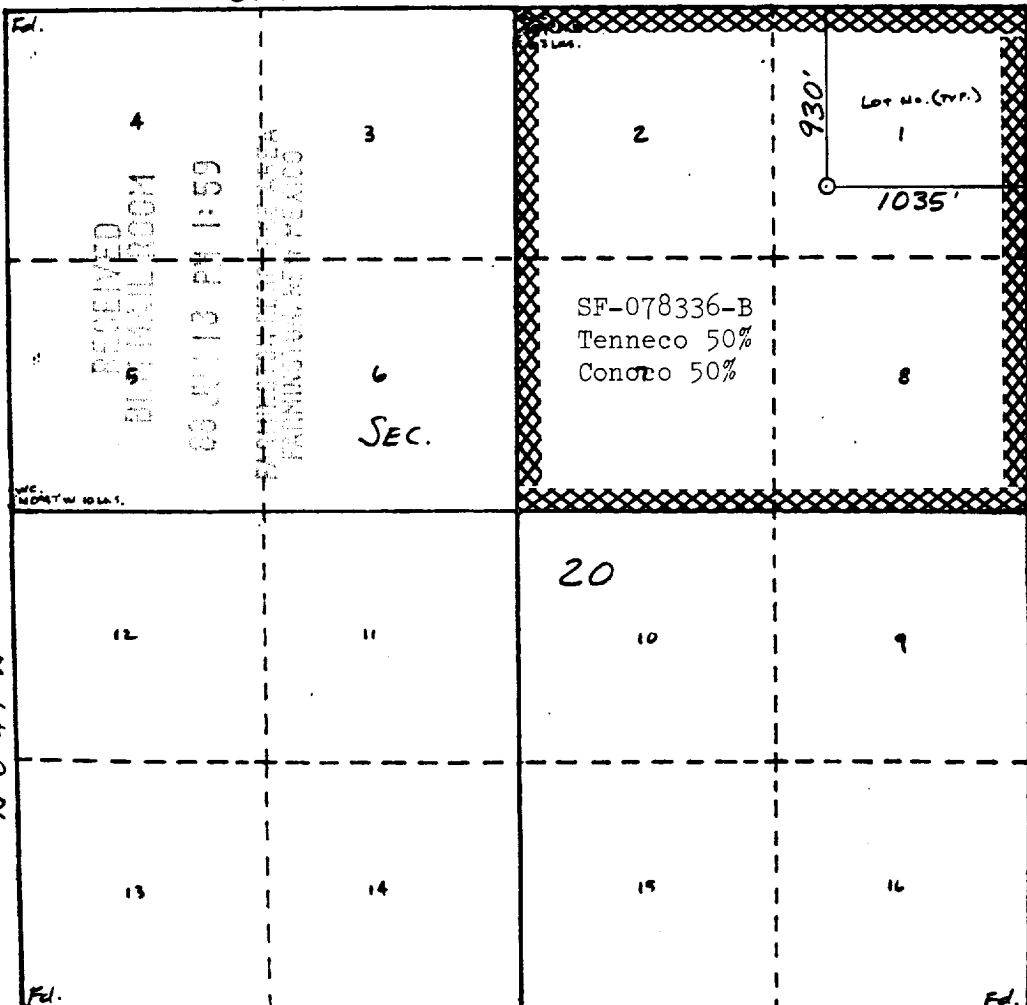
☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (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.

N 89°11'W

80.14cm.



CERTIFICATION

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

Name
Ken Russell
Position
Administrative Analyst
Company
Tenneco Company
Date
6/3/88

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
William E. Mahan
Registered Professional Engineer and Land Surveyor
Certificate No.
8466

MAP 1

Barrett 13
930' FNL, 1035' FEL
Sec. 20, T31N, R9W
San Juan, New Mexico
Access
+ 100' New Road

