

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-26978

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 078039
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <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 Barnes LS
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1570' FSL, 1580' FWL At proposed prod. zone Same				9. WELL NO. 7R
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9.5 mi N of Aztec, New Mexico				10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 260'		16. NO. OF ACRES IN LEASE 2080	17. NO. OF ACRES ASSIGNED TO THIS WELL W/ 320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. (See Exh. B) 101'		19. PROPOSED DEPTH 5806	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6354 GR		DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM		22. APPROX. DATE WORK WILL START* ASAP
23. This action is subject to technical and procedural review pursuant to 43 CFR 3155.3 and appeal pursuant to 43 CFR 3165.4.				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8"	36#, K-55	+ 250	Circ to surface
8 3/4	7"	23#, K-55	+ 3517	Circ to surface
6 1/4	4 1/2"	10.5#, K-55	+ 5806	Circ to liner top

See Attached Drilling Procedure

See Item I.B. in Surface Use Plan and Map 2 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 Miles V. J. [Signature] TITLE Staff Analyst DATE 6/10/88
(This space for Federal or State office use)PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:APPROVED KH
AS AMENDED
JUL 12 1988
[Signature]
AREA MANAGEROK
[Signature]

NORMOC

**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.

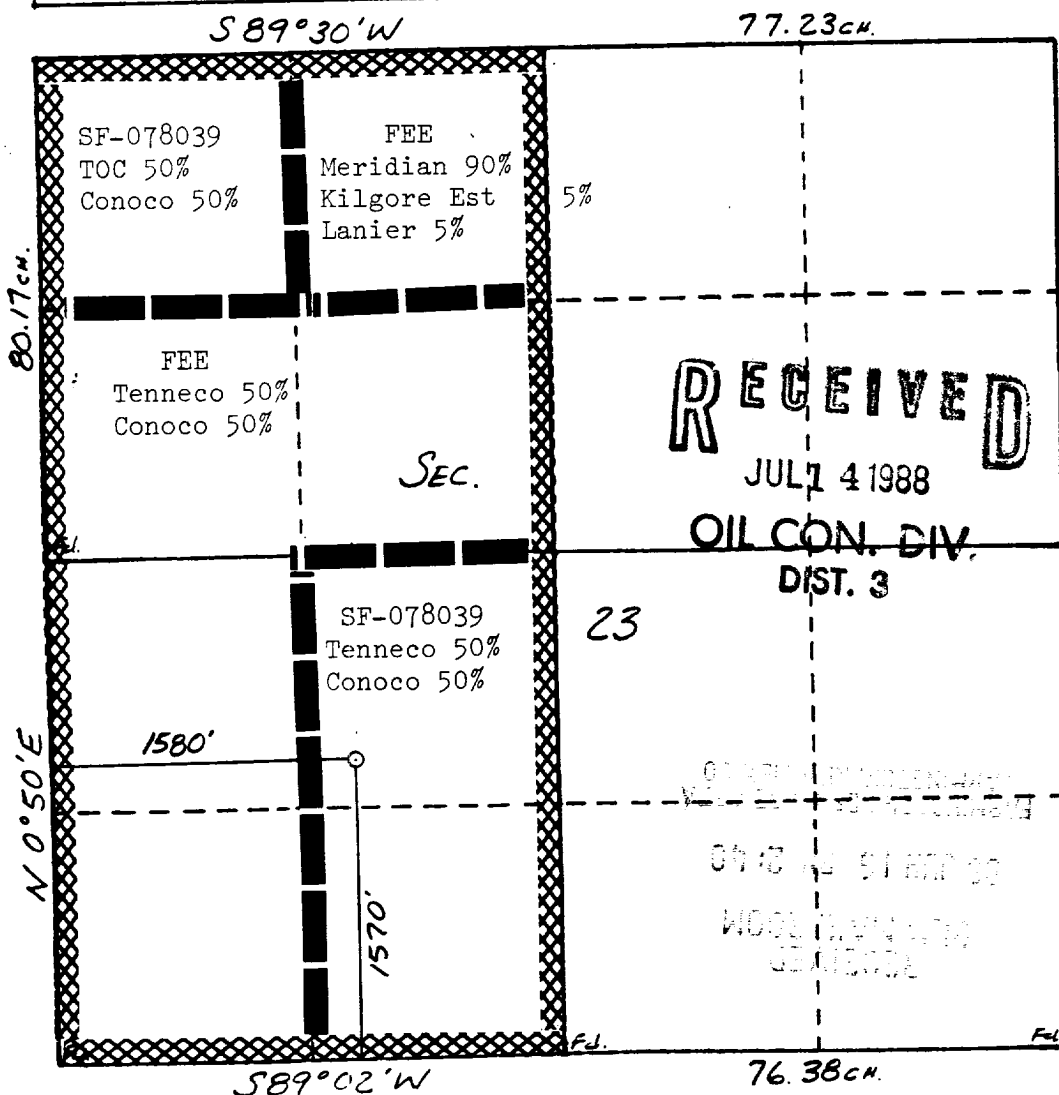
Operator TENNECO OIL COMPANY			Lease BARNES LS		Well No. 7 R
Unit Letter K	Section 23	Township 32 N	Range 11 W	County SAN JUAN	
Actual Footage Location of Well: 1570 feet from the South line and 1580 feet from the West line					
Ground Level Elev. 6354	Producing Formation Mesaverde		Pool Blanco Mesaverde	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 Communitization

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
Ken Russell
Position
Administrative Analyst
Company
Tenneco Oil Co
Date
6/2/88

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 W. MEHKE
Registered Professional Engineer
and Registered Professional Land Surveyor
Certificate No. 8466



Barnes LS 7R
1570' FSL, 1580' FWL
Sec 23, T32N, R11W
San Juan, New Mexico
Access Road
No new construction