

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-2559/

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

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

3. NAME OF OPERATOR: Tenneco Oil Company

4. ADDRESS OF OPERATOR: Box 3249, Englewood, CO 80155

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):
At surface: 1450' FSL, 1380' FWL
At proposed prod. zone: Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 7 miles SE of Blanco, New Mexico

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest oil well line, if any): 1380'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.: 6636'

9. ELEVATIONS (Show whether DF, RT, GR, etc.): 5754' GR

10. NO. OF ACRES IN LEASE: 2501.10

11. NO. OF ACRES ASSIGNED TO THIS WELL: 320 W 304.96

12. PROPOSED DEPTH: 6636'

13. ROTARY OR CABLE TOOLS: Rotary

14. APPROX. DATE WORK WILL START: ASAP

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	± 250'	Circ to surface
8-3/4"	7"	23#	± 2650'	2-stage - circ to surface
6-1/4"	4-1/2"	11.6#, 10.5#	± 6636'	Circ to liner top

See attached drilling procedure

Gas is dedicated

Unorthodox Location Approval received from State of New Mexico 11/29/82.

RECEIVED
FEB 24 1983OIL CON. DIV.
DIST. 8

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.

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SIGNED: Ken Russell TITLE: Sr. Production Analyst DATE: December 13, 1982

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY: TITLE: RECEIVED
40 ATTENDED

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTSNSL 1614
NW 4 419

NMOCC

This action is subject to administrative
appeal pursuant to 50 CFR 290FEB 19 1983
JAMES F. SIMS
DISTRICT ENGINEER

All distances must be from the outer boundaries of the Section.

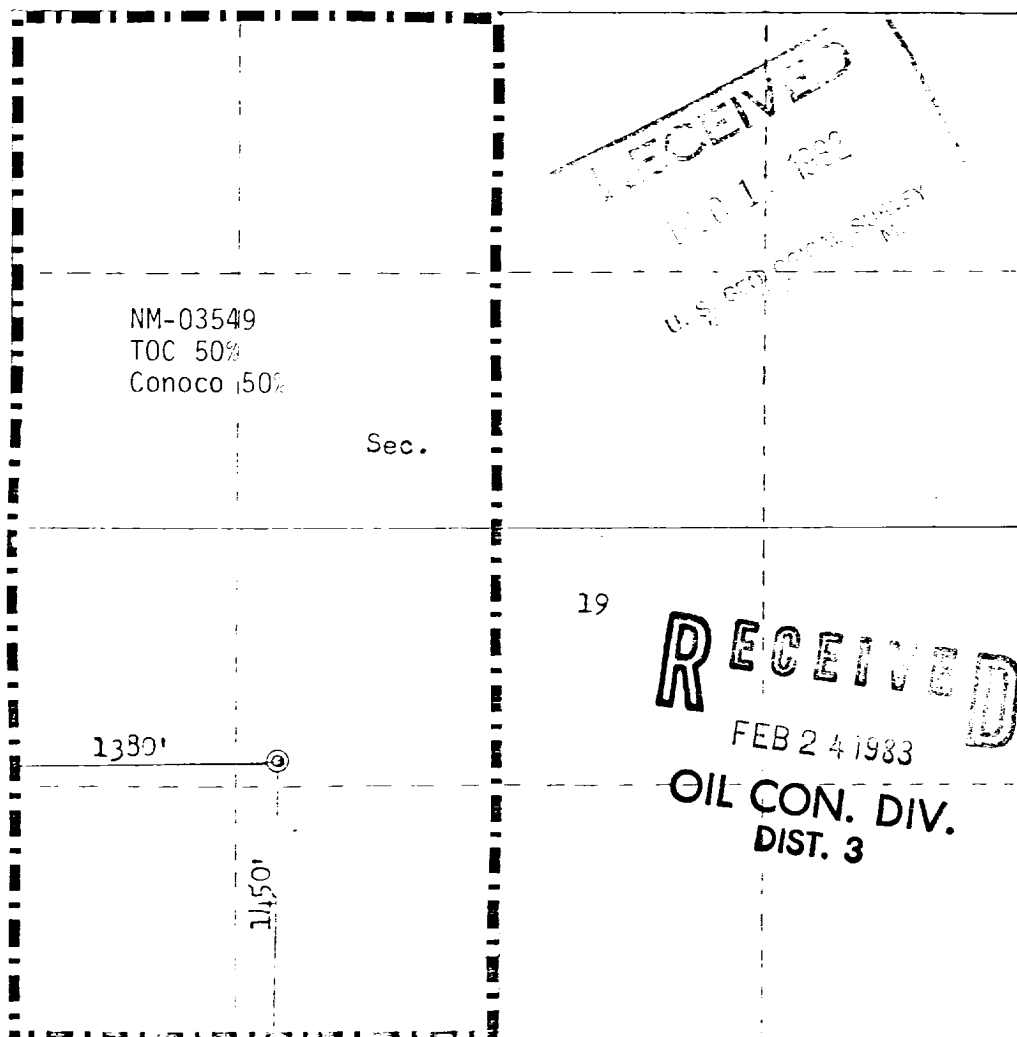
Operator: TENNECO OIL COMPANY			Lease: FLORANCE "C"		Well No.: 64
Unit Letter: K	Section: 19	Township: 28N	Range: 8W	County: San Juan	
Actual Footage Location of Well: 1450 feet from the South line and 1380 feet from the West line					
Ground Level Elev.: 5754	Producing Formation: Dakota		Pool: Basin Dakota		Dedicated Acreage: 320 W 304.96 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.

Ken Russell

Name
Ken Russell

Position
Sr. Prod. Analyst

Company
Tenneco Oil Company

Date
November 8, 1982

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
September 8, 1982

Registered Professional Engineer and Land Surveyor
Fred B. Kent Jr.
Fred B. Kent Jr.