

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

20-045-25893

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
 850' FSL, 1730' FEL
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 SF-078096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 UNIT AGREEMENT NAME

7. NAME OF LEASE NAME
 Neal Com

8. WELL NO.
 2E

10. FIELD AND POOL, OR WILDCAT
 Basin Dakota

11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
 Sec. 14, T31N, R11W

12. COUNTY OR PARISH 13. STATE
 San Juan NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 6 mi NE of Aztec, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 850'

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 7160'

19. PROPOSED DEPTH
 7160'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5920 GR

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*
 ASAP

This action is subject to administrative appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9-5/8"	36#	+ 300'
8-3/4"	7"	23#	+ 4820'
6 1/2"	4 1/2"	10.5#	+ 7000'
6 1/4"	4 1/2"	11.6#	+ 7160'

Quantity of Cement
 Circulate to surface
 Circulate to surface - 2 stages
 Circulate to liner top
 Circulate to liner top

See Attached
 Gas is dedicated

RECEIVED
 FEB 13 1984
 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 [Signature] TITLE Production Analyst

APPROVED
 AS AMENDED
 FEB 10 1984
 AREA MANAGER
 FARMINGTON RESOURCE AREA

(This space for Federal or State office use)
 PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

ok

NMOCC

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

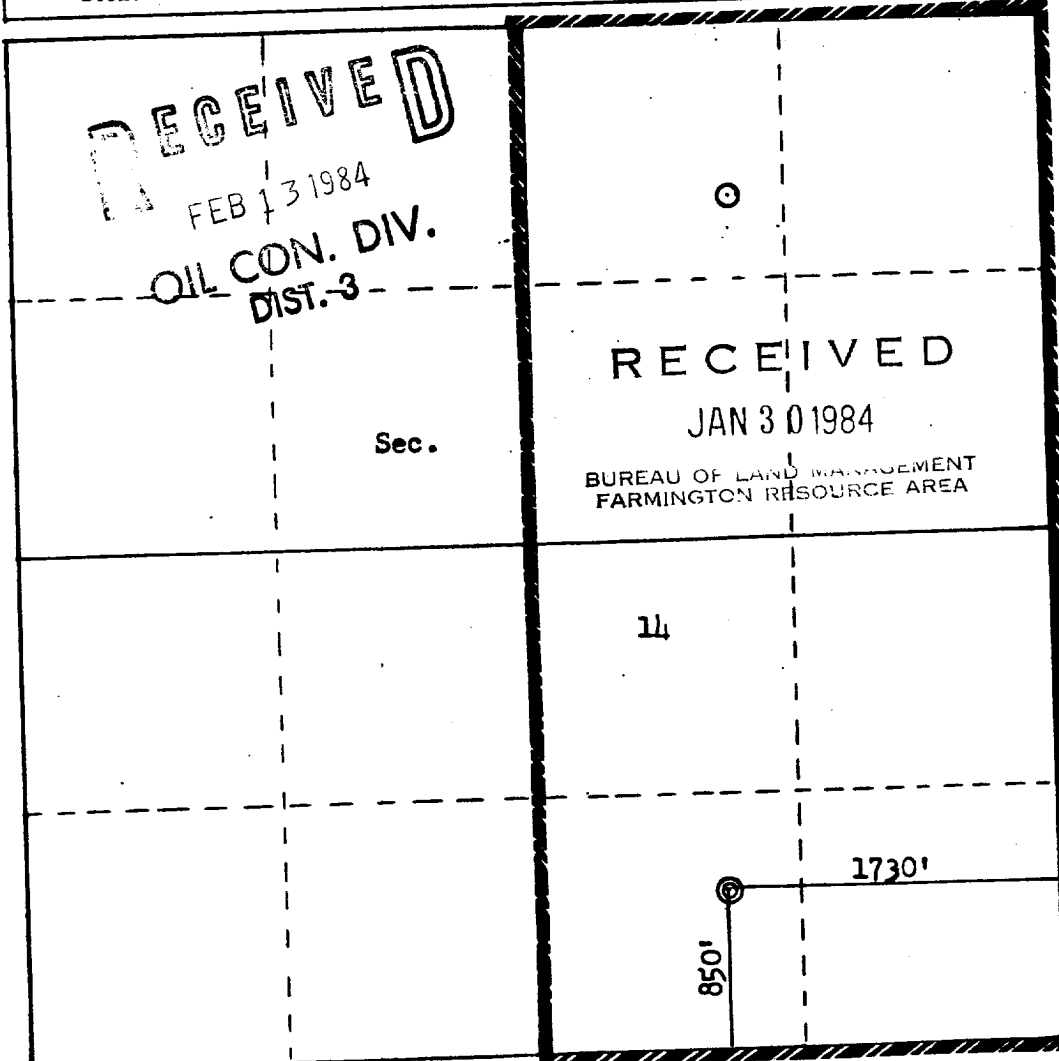
Operator: TENNECO OIL COMPANY		Lease: NEAL COM		Well No. 2E
Unit Letter 0	Section 14	Township 31N	Range 11W	County San Juan
Actual Footage Location of Well: 850 feet from the South line and 1730 feet from the East line				Dedicated Acreage: 3.0 Acres
Ground Level Elev: 5920	Producing Formation Dakota	Pool Basin Dakota		

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 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.



Scale: 1"=1000'

CERTIFICATION

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

John Orr

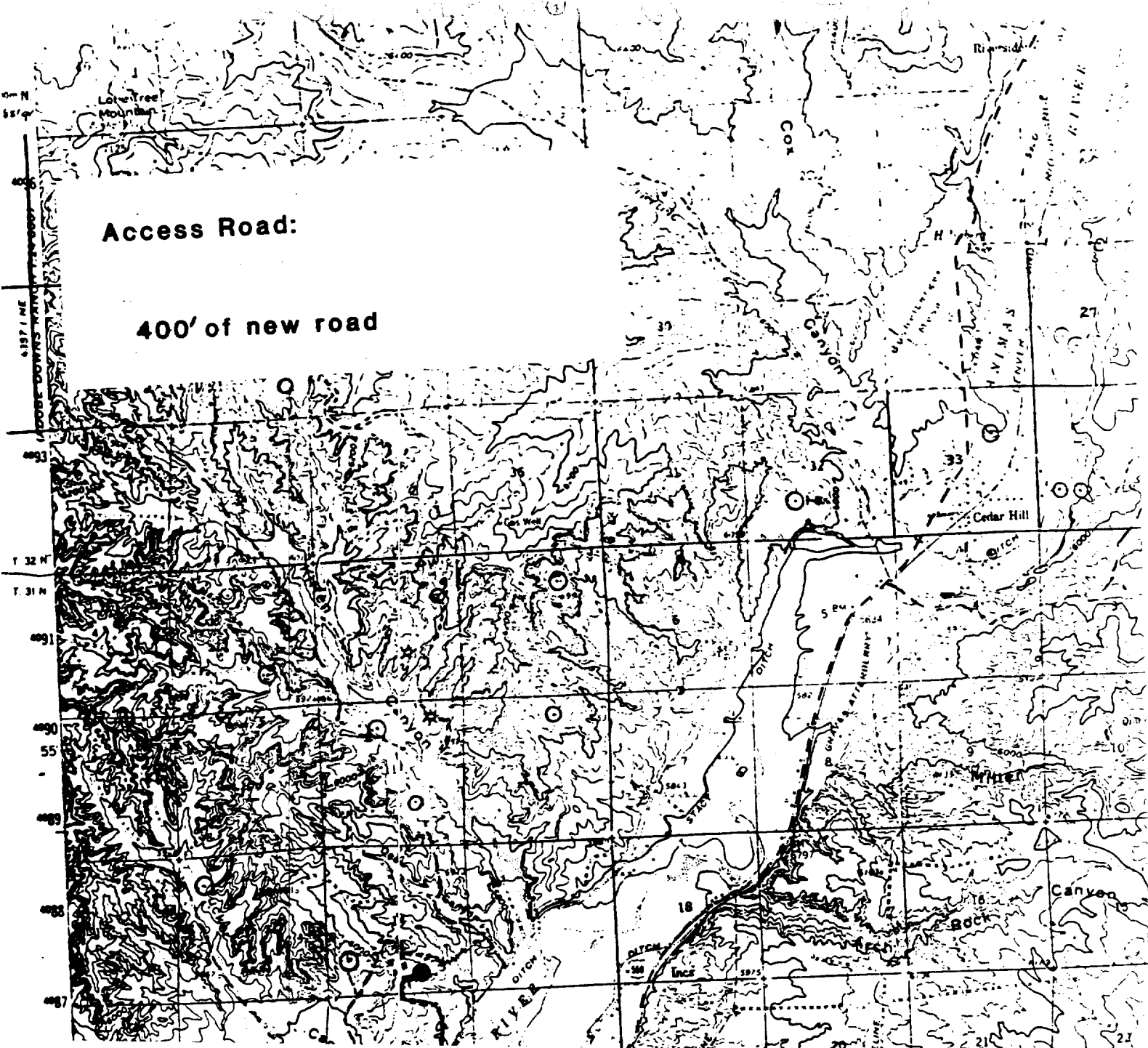
Name
John Orr
Position
Production Analyst
Company
Tenneco Oil Company
Date
January 25, 1984

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
October 17, 1983

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

Certificate No. **3950**



Access Road:

400' of new road