

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
 1095' FNL, 1520' FWL
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx. 12 miles E of Blanco, New Mexico

16. NO. OF ACRES IN LEASE
 1840.00

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.
 1095'

19. PROPOSED DEPTH
 7560'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6370' ground

22. APPROX. DATE WORK WILL START*
 January 1982

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'	Circulate cement to surface
8 3/4"	7"	23#	± 3590'	Circulate cement to surface
6 1/2"	4 1/2"	10.5#, 11.6#	± 7560'	Circulate cement to liner top

DRILLING OPERATIONS AUTHORIZED, AND
 SUBJECT TO FEDERAL AND STATE LAWS AND
 REGULATIONS.
 See attached drilling program.

The gas is dedicated.

This action is subject to appeal and
 appeal pursuant to 30 CFR 250.



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 Don H. Morrison TITLE Production Analyst DATE August 14, 1981
 (This space for Federal or State office use)

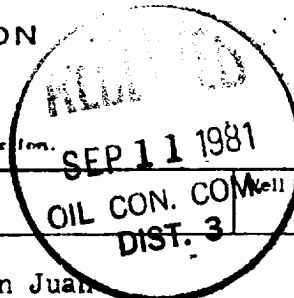
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: 2

APPROVED
 AS AGREED
 DATE SEP 08 1981
James F. Smith
 DISTRICT ENGINEER

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



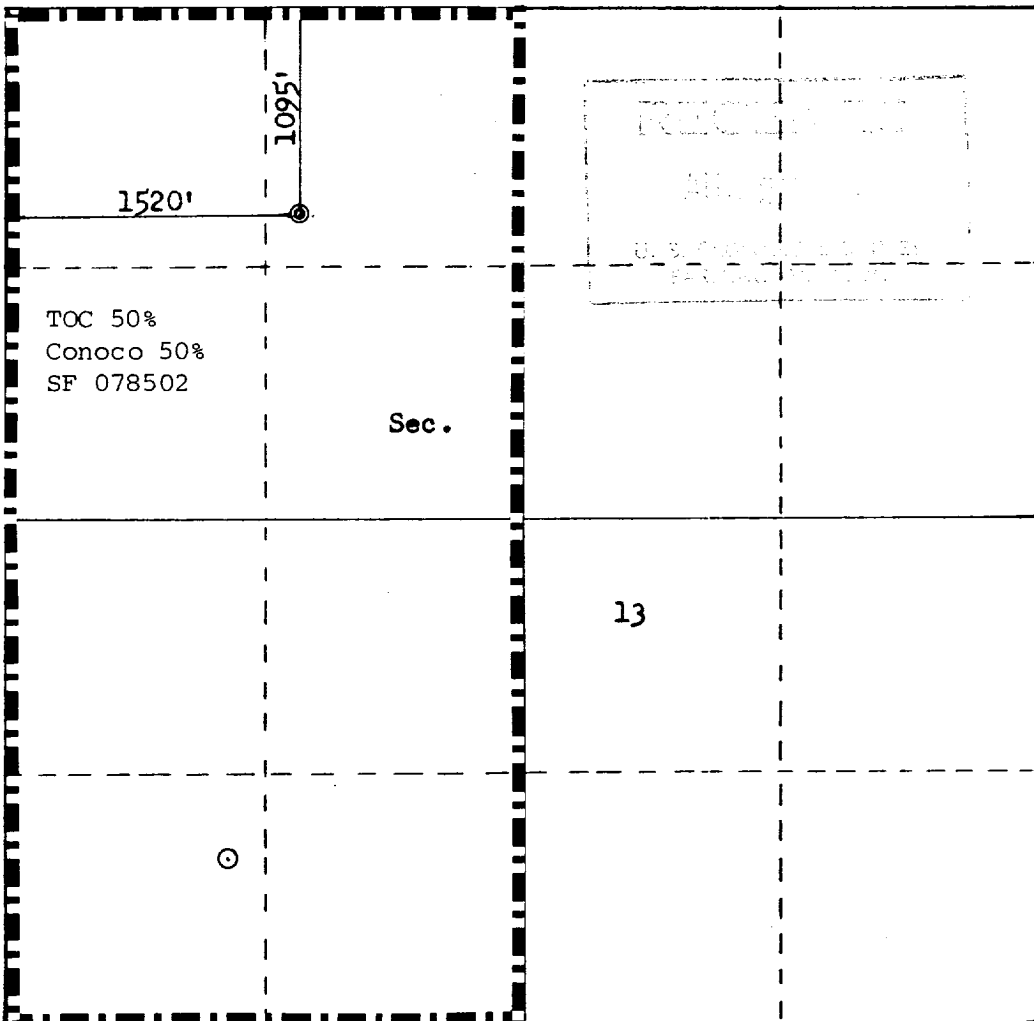
Operator TENNECO OIL COMPANY			Lease VANDEWART		
Unit Letter C	Section 13	Township 29N	Range 8W	County San Juan	
Actual Footage Location of Well: 1095 feet from the North line and 1520 feet from the West line					
Ground Level Elev: 6340	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 320 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.



Scale: 1"=1000'

CERTIFICATION

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

Don H. Morrison
Name

Don H. Morrison

Position

Production Analyst

Company

Tenneco Oil Company

Date

July 21, 1981

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

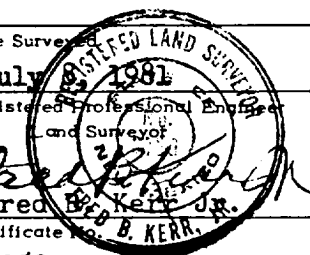
July 23, 1981

Registered Professional Engineer and Land Surveyor

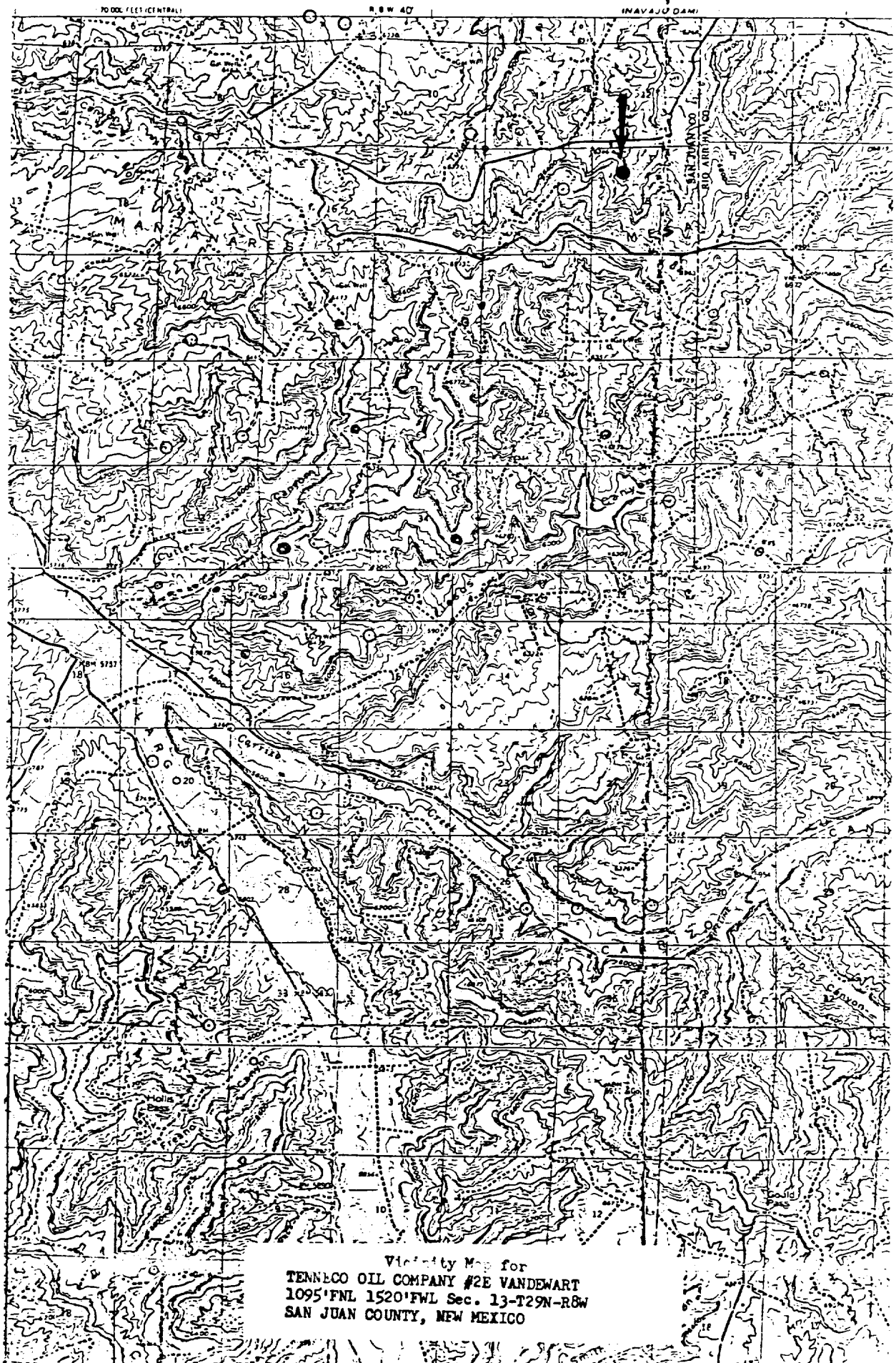
Fred B. Kern Jr.
Fred B. Kern Jr.

Certificate No. B. KERN, JR.

3950



STATES
OF THE INTERIOR
AL SURVEY



Vicinity Map for
TENNECO OIL COMPANY #2E VANDEWART
1095' FNL 1520' FWL Sec. 13-T29N-R8W
SAN JUAN COUNTY, NEW MEXICO