

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

1030' FSL 1720
1770' FELAt proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21 miles E of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1030'

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E 320

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

19. PROPOSED DEPTH

7800'

20. ROTARY OR CABLE TOOLS

Rotary

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

6675' ground

22. APPROX. DATE WORK WILL START*

ASAP

23.

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 Cement to surface |
| 8 3/4" | 7" | 23# | +3800' | Circ Cement to surface |
| 6 1/4" | 4 1/2" | 10.5#, 11.6# | +7800' | Circ Cement to Liner top |

See attached drilling procedure

Gas is dedicated

Take out as few trees as possible for access road.

Leave tree screen on south and west side of location.

Contact BLM 48 hours prior to commencement of construction.

Take necessary measures to prevent seepage from reserve pit.

Build reserve pit long and narrow.

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

Ken Russell

TITLE Senior Production Analyst

DATE 2/5/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NM000

30-045-25403

5. LEASE DESIGNATION AND SERIAL NO.

SF 078049

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hughes A

9. WELL NO.

2E

10. FIELD AND POOL, OR WILDCAT

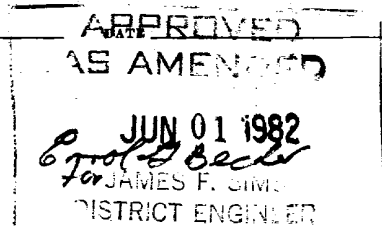
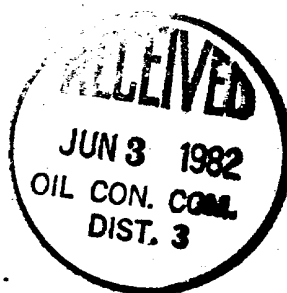
Basin Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

C Sec 27, T 29N, R 8W

12. COUNTY OR PARISH

San Juan

13. STATE
New Mexico

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

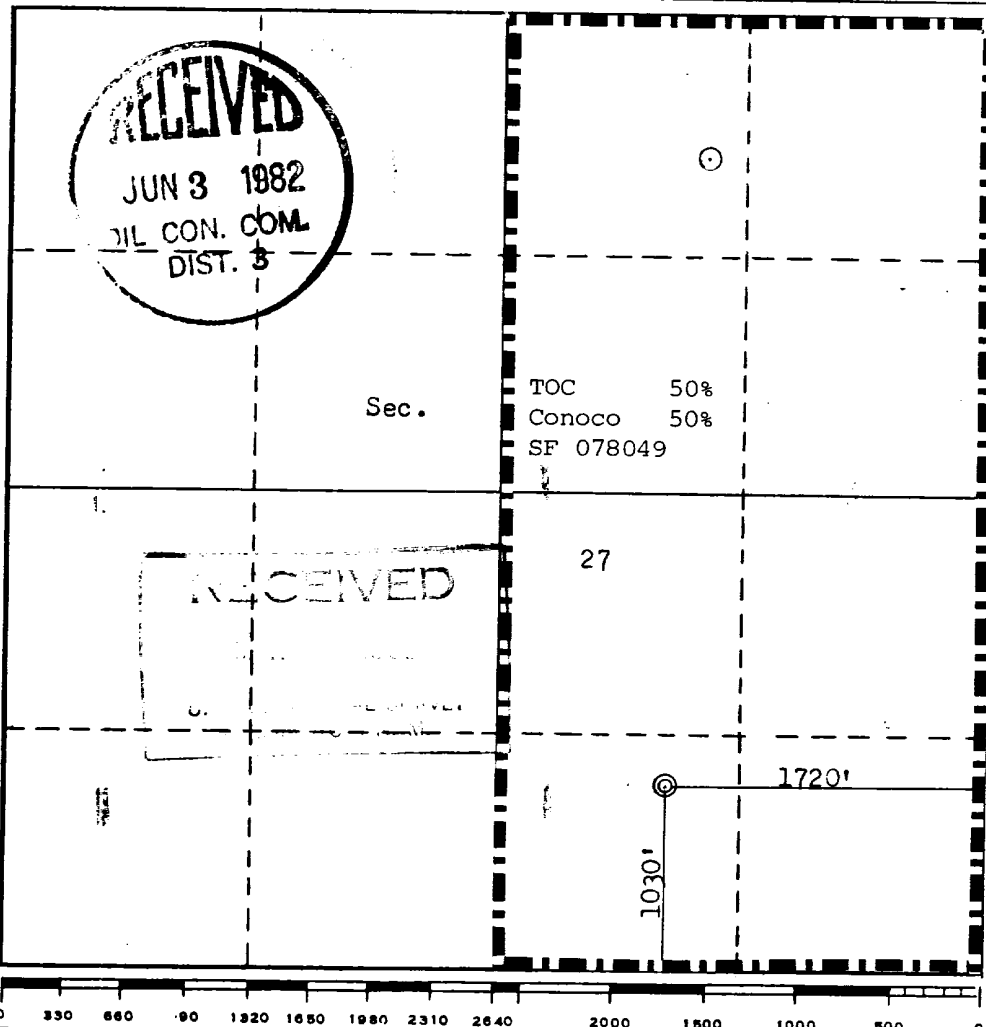
| | | | | | |
|--|--------------------------------------|------------------------|-----------------------------|---------------------------|--|
| Operator TENNECO OIL COMPANY | | | Lease HUGHES "A" | | Well No. 2E |
| Unit Letter 0 | Section 27 | Township 29N | Range 8W | County San Juan | |
| Actual Footage Location of Well: 1030 feet from the South line and 1720 feet from the East line | | | | | |
| Ground Level Elev. 6675 | Producing Formation Dakota | | Pool Basin Dakota | | Dedicated Acreage: E 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 _____

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. Production Analyst

Company

Tenneco Oil Company

Date

May 7, 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

May 3, 1982

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950

