

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 data requirements.)

At surface
1910' FNL, 1500' FWL
At proposed prod. zone

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

16 miles SE Blanco, NM

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

1500'

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

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

6619' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|--------------|----------------|-----------------|---------------|
| 12-1/4" | 9-5/8" | 36.0# | +/- 280' KB |
| 8-3/4" | 7" | 23.0# | +/- 3300' KB |
| 6-1/4" | 4-1/2" | 10.50# | +/- 5725 |

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N 320A

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

ASAP

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

See attachments

The gas is dedicated.

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

Scott McKee

TITLE

Senior Regulatory Analyst

DATE

12/12/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

JAN 03 1986

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

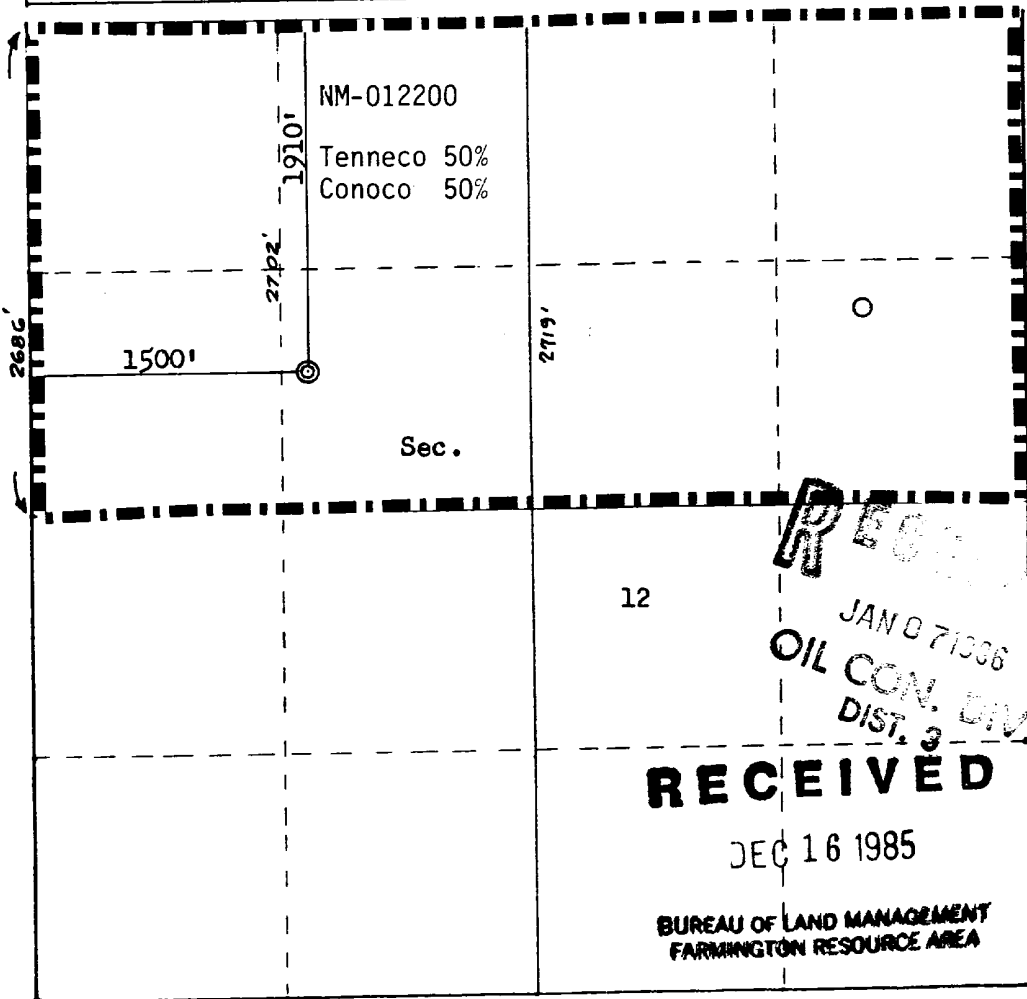
NMOCC

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

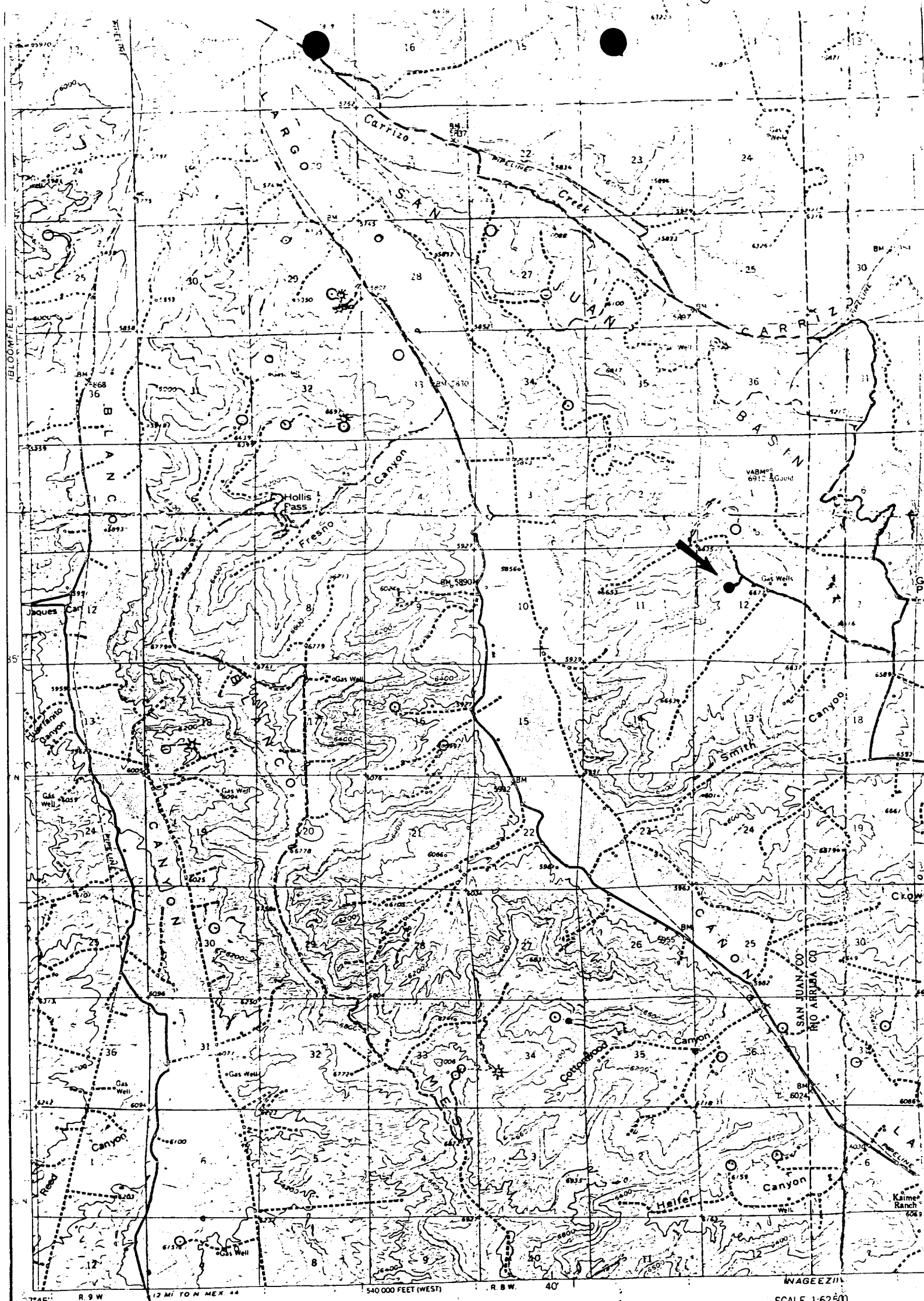
All distances must be from the outer boundaries of the Section.

| | | | | | |
|---|--|------------------------|---------------------------------|---------------------------|--|
| Operator TENNECO OIL COMPANY | | | Lease DRYDEN 1S | | Well No. 4A |
| Unit Letter F | Section 12 | Township 27N | Range 8W | County San Juan | |
| Actual Footage Location of Well: 1910 feet from the North line and 1500 feet from the West line | | | | | |
| Ground Level Elev. 6619 | Producing Formation Mesa Verde | | Pool Blanco Mesaverde | | Dedicated Acreage: 320 A Acres |
| <p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p> | | | | | |



Scale: 1"=1000'

| | |
|---|-------------------------------|
| CERTIFICATION | |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. | |
| Name | Scott McKinney |
| Position | Sr. Regulatory Analyst |
| Company | Tenneco Oil Co. |
| Date | December 13, 1985 |
| 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 2, 1985 |
| Registered Professional Engineer and Land Surveyor | Fred B. Kerr Jr. |
| Certificate No. | 3950 |



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric photographs taken 1955 Field of

Polyconic projection 1927 North 10 000 foot grid based on New Me

west and central zones 1000 meter Universal Transverse Mercator grid (UTM)

zone 13 shown in blue

Vicinity Map for
TENNECO OIL COMPANY #4A DRYDEN LS
1910'FNL 1500'FWL Sec. 12-T27N-R8W
SAN JUAN COUNTY, NEW MEXICO

MAP # 1

APPROXIMATE MEAN
 DECLINATION 1959

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO 80215
 A BROCHURE DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

JAN 02 1986

| | |
|--|---|
| 1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | 7. UNIT AGREEMENT NAME |
| 2. NAME OF OPERATOR Tenneco Oil Company | 8. FARM OR LEASE NAME Dryden LS |
| 3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155 | 9. WELL NO. 4A |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any BUREAU OF LAND MANAGEMENT RECOMMENDATIONS. See also space 17 below.) At surface 1910' FNL, 1500' FWL | 10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde |
| 14. PERMIT NO. | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec, 12, T27N R8W |
| 15. ELEVATIONS (Show whether DP, ST, GR, etc.) 6619' GL | 12. COUNTY OR PARISH San Juan |
| | 13. STATE NM |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | | | |
|---------------------|--------------------------|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | MULTIPLE COMPLETE | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | ABANDON* | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | CHANGE PLANE | <input type="checkbox"/> |
| (Other) | <input type="checkbox"/> | Cement volumes | <input type="checkbox"/> |

SUBSEQUENT REPORT OF:

| | | | |
|-----------------------|--------------------------|-----------------|--------------------------|
| WATER SHUT-OFF | <input type="checkbox"/> | REPAIRING WELL | <input type="checkbox"/> |
| FRACTURE TREATMENT | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOTING OR ACIDIZING | <input type="checkbox"/> | ABANDONMENT* | <input type="checkbox"/> |
| (Other) | <input type="checkbox"/> | | <input type="checkbox"/> |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please find attached cement information requested for the referenced APD.

| Hole | Pipe | Sacks | Feet3 | Yield | TOC |
|---------|--------|-------|-------|-------|--------------|
| 12-1/4" | 9-5/8" | 200 | 236 | 1.18 | Surface |
| 8-3/4" | 7" | 490 | 902 | 1.84 | Surface |
| | (Tail) | 100 | 118 | 1.18 | |
| 6-1/4" | 4-1/2" | 160 | 294 | 1.84 | Top of liner |
| | (Tail) | 150 | 177 | 1.18 | |

RECEIVED
JAN 07 1986
OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

Scott McKee

TITLE Senior Regulatory Analyst

APPROVED
DATE 12/27/85
AS AMENDED

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE JAN 03 1986

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCC