

Tenneco Oil
Exploration and Production
A Tenneco Company

7990 IH 10 West
San Antonio, Texas 78230
(512) 366-8000



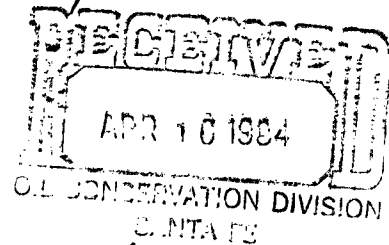
Southwestern Division

April 12, 1984

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Attn: Joe D. Ramey, Director

Release Immediately



NSP-1432(L) (SD)
RULE 104F

RULE 2(c) Order No. R-5353

RULE 4(b) Order No. R-5353

1/2 NW/4 of Sec. 20

Re: Fasken Federal Lease
Lease No.: NM0104028
Wells Nos. 1 & 2, Sec. 20, 8S, 38E
Bluitt San Andres Assoc. Field
Roosevelt County, New Mexico

Gentlemen:

The two above wells had been classified as oil wells. Remedial work as per the attached BLM Sundry Notice was completed and the gas-oil ratios, as shown on the attached C-116, necessitate reclassification to gas wells.

Well number one is located 660' FNL & 1980' FWL, well number two is located 660' FNL & 660' FWL. Both wells are located on 80 acre spacing.

This letter requests approval of unorthodox location, a 160 acre non-standard proration unit consisting of the northwest 1/4 of Section 20 and simultaneous dedication to the two wells.

Attached to this letter is a shot map showing the offset operators, each of which has been notified of this application by registered mail.

Respectfully submitted

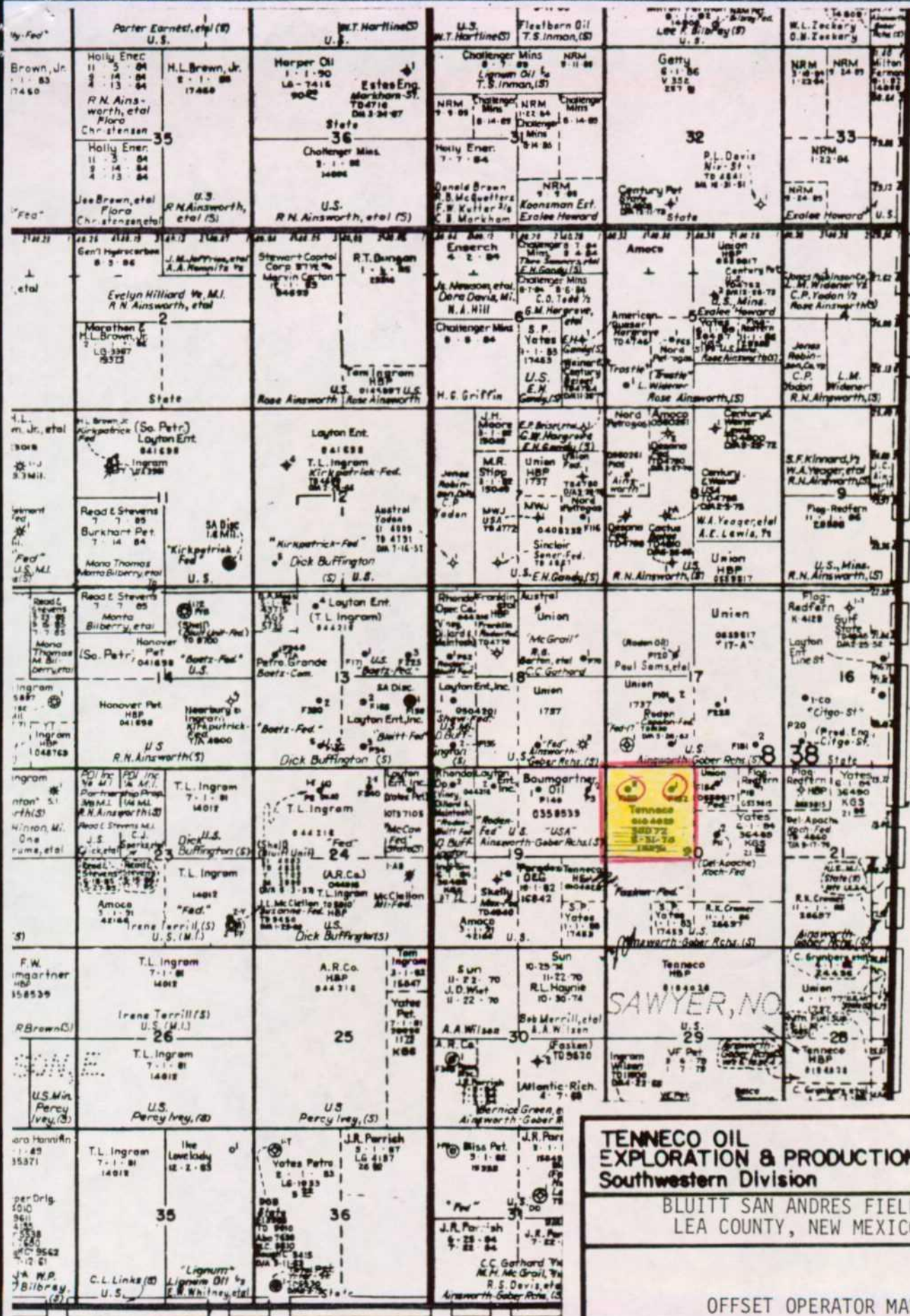
Clayton L. Roth
Clayton L. Roth
Geological Engineer

AG/bv

cc: Oil Conservation District
P.O. Box 1980
Hobbs, N.M. 88240

Attachment

0721Z



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.

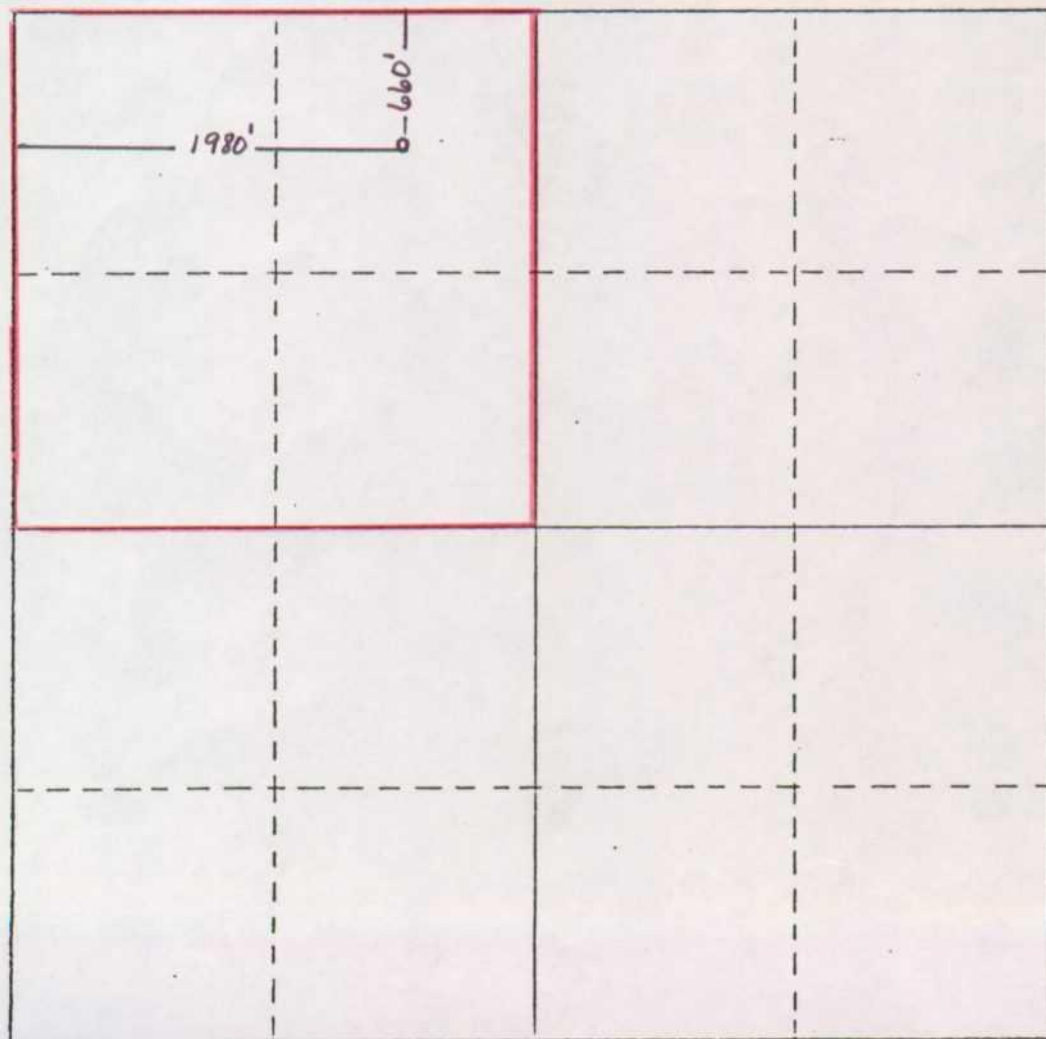
Operator Tenneco Oil Company			Lease Fasken Federal		Well No. 1
Unit Letter C	Section 20	Township 8 South	Range 38 East	County Roosevelt	
Actual Footage Location of Well: 660' feet from the north line and 1980 feet from the West line					
Ground Level Elev. 4008.5	Producing Formation San Andres	Pool Bluitt San Andres Assoc.		Dedicated Acreage: 160 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.

Name

Edgerton L. Barth

Position

Geological Engineer

Company

Tenneco Oil Company

Date

April 11, 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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

330 110 60 1320 1640 1960 2280 2600 2920 3240 3560 3880 4200 4520 4840 5160 5480 5800 6120 6440 6760 7080 7400 7720 8040 8360 8680 9000 9320 9640 9960 10280 10600 10920 11240 11560 11880 12200 12520 12840 13160 13480 13800 14120 14440 14760 15080 15400 15720 16040 16360 16680 17000 17320 17640 17960 18280 18600 18920 19240 19560 19880 20200 20520 20840 21160 21480 21800 22120 22440 22760 23080 23400 23720 24040 24360 24680 25000 25320 25640 25960 26280 26600 26920 27240 27560 27880 28200 28520 28840 29160 29480 29800 30120 30440 30760 31080 31400 31720 32040 32360 32680 33000 33320 33640 33960 34280 34600 34920 35240 35560 35880 36200 36520 36840 37160 37480 37800 38120 38440 38760 39080 39400 39720 40040 40360 40680 41000 41320 41640 41960 42280 42600 42920 43240 43560 43880 44200 44520 44840 45160 45480 45800 46120 46440 46760 47080 47400 47720 48040 48360 48680 49000 49320 49640 49960 50280 50600 50920 51240 51560 51880 52200 52520 52840 53160 53480 53800 54120 54440 54760 55080 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**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.

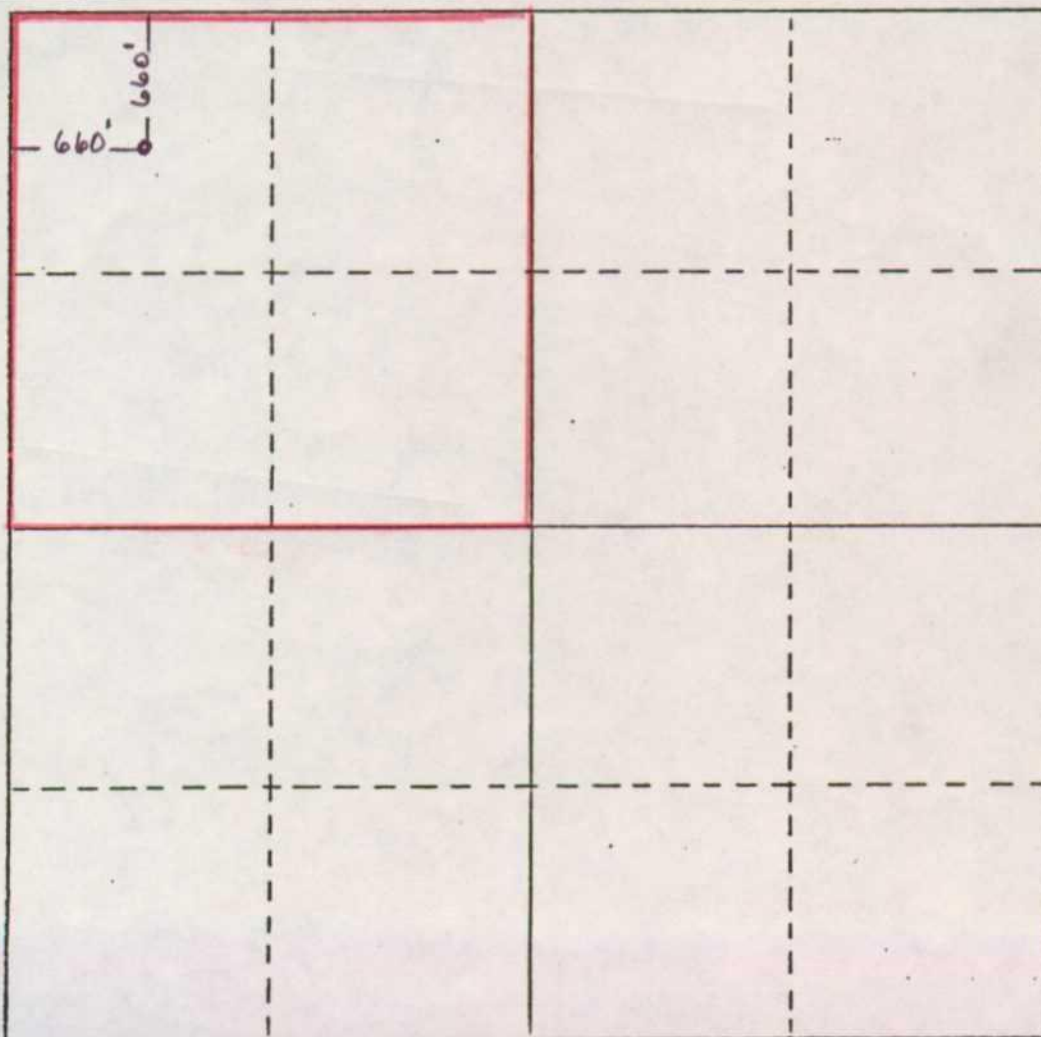
Operator Tenneco Oil Company			Lease Fasken Federal		Well No. 2
Unit Letter D	Section 20	Township 8 South	Range 38 East	County Roosevelt	
Actual Footage Location of Well:					
660' feet from the north line and 660' feet from the West line					
Ground Level Elev. 3977	Producing Formation San Andres		Pool Bluitt San Andres Assoc.		Dedicated Acreage: 160 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.



CERTIFICATION

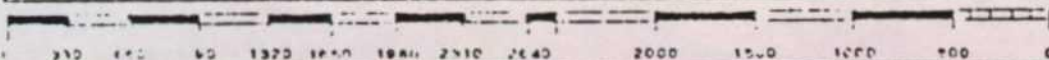
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Shayton A. Smith
Position
Geological Engineer
Company
Tenneco Oil Company
Date
April 11, 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 _____
Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
7990 IH 10 West; San Antonio, TX 78230

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL & 1980' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☒
☐
☐
☐
☐
☐

5. LEASE
NM 104028-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Fasken Federal

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Bluitt San Andres Assoc.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T8S, R38E

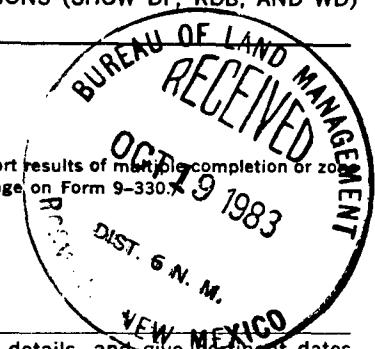
12. COUNTY OR PARISH
Roosevelt

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)



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.)*

1. MIRU PU.
2. Pull rods. NU BOP.
3. Pull tubing and seating nipple.
4. TIH with 4-5/8" bit and scraper to 4812' (PBTD). POOH.
5. TIH with retrievable bridge plug. Set bridge plug at 4735'. Test plug prior to perf. (1000#).
6. PU EOT to 4730' and spot 120 gallons of 15% NEFE HCL with inhibitors. POOH
7. RU McCullough
8. TIH with 4" casing gun and perforate one .50" hole at the following depths: 4630', 4634', 4636', 4638', 4640', 4650', 4652', 4654', 4656', 4660', 4683', 4687', 4690', 4694', 4697', 4700', 4706', 4712', 4714', 4716', 4718', 4720'.
(over)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED J. M. Cully TITLE Prod. Engr. Supr. DATE October 12, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

OCT 25 1983

*See Instructions on Reverse Side

ROSWELL, NEW MEXICO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well is conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-149

9. TIH with treating packer and tubing. Set packer at 4550'. Load backside with 500#.
10. RU Dresser Titan
11. Acidize well with 1500 gallons of 15% NEFE HCL with inhibitors. Establish injection rate prior to job and flush with 2% KCL.
12. Swab well for oil test. Retrieve bridge plug. PO
13. TIH with tubing and seating nipple.
14. RD BOP
15. Run rods.
16. RD PU. PWOP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
7990 IH 10 West, San Antonio, Texas 78230
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL & 660' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☒
☐
☐
☐
☐
☐

5. LEASE
NM-104028-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Fasken Federal
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
Bluitt San Andres Assoc.
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T8S, R38E
12. COUNTY OR PARISH
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13. STATE
New Mexico
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15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

1. MIRU PU.
2. Pull rods. NU BOP.
3. Pull tubing and seating nipple.
4. TIH with 4-5/8" bit and scraper to 4862' (PBTD). POOH.
5. TIH with retrievable bridge plug. Set bridge plug at 4720'. Test plug prior to perf. (1000#).
6. PU EOT to 4715' and spot 120 gallons of 15% NEFE HCL with inhibitors. POOH.
7. RU McCullough
8. TIH with 4" casing gun and perforate one .50" hole at the following depths:
4608 thru 4621, 4633 thru 4642, 4667 thru 4671, 4676, 4677, 4694 thru 4702.

(OVER)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Robert G. Blum TITLE Prod. Engr. Supr. DATE November 14, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

9. TIH with treating packer and tubing. Set packer at 4550'. Load backside with 500#.
10. RU Dresser Titan
11. Acidize well with 3000 gallons of 15% NEFE HCL with inhibitors. Establish injection rate prior to job and flush with 2% KCL.
12. Swab well for oil test. Retrieve bridge plug. POOH
13. TIH with tubing and seating nipple.
14. RD BOP.
15. Run rods.
16. RD PU, PWOP.
17. Return well to production.

H. O. BOA 2003
SANTA FE, NEW MEXICO 87501

GAS-OIL RATIO TESTS

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

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

Robert C. Cuthbert

Production Engineering Supervisor

February 10, 1984