

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 027395

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pubco Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 21, T-8-S, R-31-E

12. COUNTY OR PARISH

Chaves

13. STATE  
N. M.1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Pennzoil United, Inc.

3. ADDRESS OF OPERATOR

P. O. Drawer 1828 - Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660 FSL &amp; 660 FWL of Section 21, T-8-S, R-31-E

14. PERMIT NO.

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

4224.6 GL

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

## NOTICE OF INTENTION TO:

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

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐Commence operations ☒(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.)\*

3-23-69 Spudded 12 1/4" hole at 1:00 P.M. - Drilled to 352'. - Ran 8 5/8" OD, 24#, J-55 csg. to 352'. - Cemented well w/200 sx Class "H" w/6% gel plus 100 sx Class "H" w/2% CaCl. - Plug down at 10:15 P.M. - Cement circulated O.K.

3-24-69 After 19 hrs WOC, tested casing w/1,000# for 30 minutes. - Tested O.K.

4-25-69 Drilled to 3806'. Ran logs. Ran 4 1/2" OD, 10.5#, J-55 csg. to 3806'. - Cemented w/275 sx Class "C" w/2% gel &amp; 5# salt per sack. Plug down at 11:30 A.M. - Ran temperature survey and found top cement at 2930'.

4-29-69 Moved in completion unit. Nippled up BOP. Tested casing w/2,000# for 30 minutes. Tested O.K. - Now prep to commence completion operations.

RECEIVED

MAY 2 1969

O. C. C.  
ARTESIA, OFFICERECEIVED  
MAY - 1 1969  
U. S. GEOLOGICAL SURVEY  
ARTESIA, OFFICE

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

SIGNED

TITLE Drilling Superintendent

DATE 4-30-69

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVED  
APR - 1 1969

R. L. BEEKMAN

ACTING CHIEF OF ENGINEERING

\*See Instructions on Reverse Side

## 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.

U.S. GOVERNMENT PRINTING OFFICE: 1963--O-685229  
GPO 8 37-499

867-651

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE  
(Other instructions on  
reverse side)Form approved,  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 027395

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pubco Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR ABANDONMENT1- Sec 33, T-8-S, R-31-E  
2-Sec 21, T-8-S, R-31-E

12. COUNTY OR PARISH

Chaves

13. STATE

N. M.

1.

OIL WELL ☒ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Pennzoil United, Inc.

3. ADDRESS OF OPERATOR

P. O. Drawer 1828 - Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface~~No. 1 810' FSL & 1920 FSL of Sec. 33, T-8-S, R-31-E~~

No. 2 660 FSL &amp; 660 FSL of Sec. 21, T-8-S, R-31-E

14. PERMIT NO.

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

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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 perti-  
nent to this work.)\*Well No. 1 was drilled as Pubco "33" Federal No. 1 and completed as a Penn gas  
well on October 15, 1968.Well No. 2 is now drilling on permit approved March 19, 1969 as Pubco "33" Federal  
No. 2We proposed to change the entire lease designation from Pubco "33" Federal to  
Pubco Federal.

RECEIVED

APR 24 1969

O. C. C.  
ARTESIA, OFFICE

APR 25 1969

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

SIGNED

TITLE

Drilling Superintendent

DATE

4-22-69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

ACCEPTED FOR RECORD PURPOSES ONLY  
APR 23 1969  
ACTING District Engineer

\*See Instructions on Reverse Side

N. M. O. C. C. COPY  
N. M. O. C. C. COPYSUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.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

Pennzoil United, Inc.

## 3. ADDRESS OF OPERATOR

P. O. Drawer 1828 - Midland, Texas

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

660 FSL &amp; 660 FWL of Sec. 21, T-8-S, R-31-E

At proposed prod. zone

Same

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

15 mi SE/Kenna, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2 mi North

## 16. NO. OF ACRES IN LEASE

1,560

## 19. PROPOSED DEPTH

4,000

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

4224.6 GL

## 22. APPROX. DATE WORK WILL START\*

On approval

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

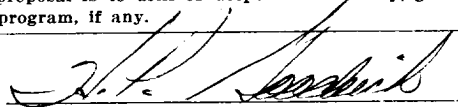
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 11"          | 8 5/8"         | 24#             | 350           | 250 sx - Circulate |
| 7 7/8"       | 4 1/2"         | 10.5#           | 4,000         | 200 sx             |

RECEIVED  
MAR 19 1969  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICORECEIVED  
MAR 19 1969  
U. S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

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



TITLE

Drilling Superintendent

DATE

3-17-69

PERMIT NO.

APPROVAL DATE

DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES JUN 25 1969

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws 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 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-120  
Effective 1-1-65

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

|                                         |                      |                                   |                      |                         |
|-----------------------------------------|----------------------|-----------------------------------|----------------------|-------------------------|
| Operator<br><b>PENNZOIL UNITED, INC</b> |                      | Lease<br><b>PUBCO-21, FEDERAL</b> |                      | Well No.<br><b>22</b>   |
| Unit Letter<br><b>M</b>                 | Section<br><b>21</b> | Township<br><b>8-S</b>            | Range<br><b>31-E</b> | County<br><b>CHAVES</b> |

Actual Footage Location of Well:

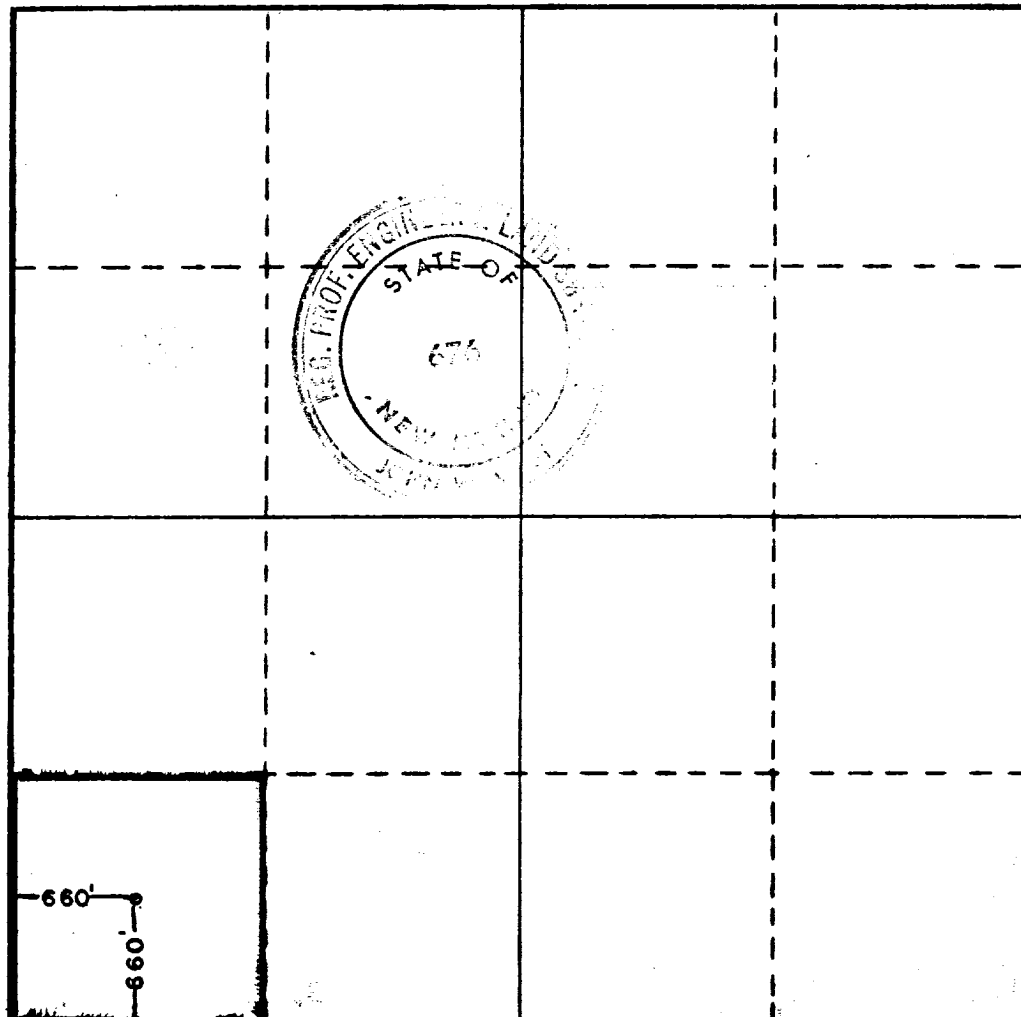
|                                                |                                          |                                           |                                                 |
|------------------------------------------------|------------------------------------------|-------------------------------------------|-------------------------------------------------|
| <b>660</b> feet from the <b>SOUTH</b> line and |                                          | <b>660</b> feet from the <b>WEST</b> line |                                                 |
| Ground Level Elev.<br><b>4224.6</b>            | Producing Formation<br><b>SAN ANDRES</b> | Pool<br><b>UNDESIGNATED</b>               | Dedicated Acreage:<br><b>SW/4 SW/4 40 Acres</b> |

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 *J. D. Seadrift*  
 Position  
**Drilling Superintendent**  
 Company  
**Pennzoil United, Inc.**

Date  
**3-17-69**

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  
**MARCH 14, 1969**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **676**

