

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO.  
30-025-27629

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐ DHC 1712

7. Lease Name or Unit Agreement Name

McCallister

2. Name of Operator  
Cross Timbers Operating Company

8. Well No.  
2

3. Address of Operator  
3000 N. Garfield, Suite 600, Midland, TX 79705

9. Pool name or Wildcat  
West Nadine Tubb

4. Well Location  
Unit Letter D : 660 Feet From The North Line and 660 Feet From The West Line  
Section 8 Township 20S Range 38E NMPM Lea County

|                              |                       |                                              |                                                      |                              |
|------------------------------|-----------------------|----------------------------------------------|------------------------------------------------------|------------------------------|
| 10. Date Spudded<br>03/11/82 | 11. Date T.D. Reached | 12. Date Compl. (Ready to Prod.)<br>12/21/97 | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3582' RKB | 14. Elev. Casinghead<br>3570 |
|------------------------------|-----------------------|----------------------------------------------|------------------------------------------------------|------------------------------|

|                          |                             |                                        |                          |              |             |
|--------------------------|-----------------------------|----------------------------------------|--------------------------|--------------|-------------|
| 15. Total Depth<br>7076' | 16. Plug Back T.D.<br>6840' | 17. If Multiple Compl. How Many Zones? | 18. Intervals Drilled By | Rotary Tools | Cable Tools |
|--------------------------|-----------------------------|----------------------------------------|--------------------------|--------------|-------------|

19. Producing Interval(s), of this completion - Top, Bottom, Name  
6443-6551' Tubb

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

22. Was Well Cored

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 8-5/8"      | 24#           | 1537'     | 11"       | 400 sxs          |               |
| 5-1/2"      | 17# & 15.5#   | 7058'     | 7-7/8"    | 1065 sxs         |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

**LINER RECORD**

**TUBING RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 6340'     |            |
|      |     |        |              |        |        |           |            |

26. Perforation record (interval, size, and number)  
6443', 6444', 6454', 6465', 6469', 6471', 6487', 6497', 6501',  
6503', 6505', 6507', 6509', 6521', 6523', 6529', 6535', 6537', 6547',  
& 6551' (20 - 0.5" holes)

**27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                                                                     |
|----------------|---------------------------------------------------------------------------------------------------|
| 6443-6551'     | 2000 g. 15% NEFE HCl acid & 30 BS; 21000 g<br>x-linked gel wtr carrying 83000# 20/40 Ottawa sand. |

**PRODUCTION**

28. Date First Production 12/21/97 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Prod

|                          |                    |                      |                        |                 |                  |                  |                          |
|--------------------------|--------------------|----------------------|------------------------|-----------------|------------------|------------------|--------------------------|
| Date of Test<br>01/02/98 | Hours Tested<br>24 | Choke Size<br>20/64" | Prod'n For Test Period | Oil - BbL<br>22 | Gas - MCF<br>777 | Water - BbL<br>2 | Gas - Oil Ratio<br>35318 |
|--------------------------|--------------------|----------------------|------------------------|-----------------|------------------|------------------|--------------------------|

|                           |                 |                         |                 |                  |                   |                                     |
|---------------------------|-----------------|-------------------------|-----------------|------------------|-------------------|-------------------------------------|
| Flow Tubing Press.<br>440 | Casing Pressure | Calculated 24-Hour Rate | Oil - BbL<br>22 | Gas - MCF<br>777 | Water - BbL<br>12 | Oil Gravity - API - (Corr.)<br>37.1 |
|---------------------------|-----------------|-------------------------|-----------------|------------------|-------------------|-------------------------------------|

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By  
Jim Baker

30. List Attachments  
None

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Janice Courtney Printed Name Janice Courtney Title Regulatory Tech Date 01/20/98

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE  
Southeastern New Mexico

### **Southeastern New Mexico**

|                          |                        |
|--------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        |
| T. Salt _____            | T. Strawn _____        |
| B. Salt _____            | T. Atoka _____         |
| T. Yates _____           | T. Miss _____          |
| T. 7 Rivers _____        | T. Devonian _____      |
| T. Queen _____           | T. Silurian _____      |
| T. Grayburg _____        | T. Montoya _____       |
| T. San Andres _____      | T. Simpson _____       |
| T. Glorieta _____        | T. McKee _____         |
| T. Paddock _____         | T. Ellenburger _____   |
| T. Blinebry _____        | T. Gr. Wash _____      |
| T. Tubb _____            | T. Delaware Sand _____ |
| T. Drinkard _____        | T. Bone Springs _____  |
| T. Abo _____             | T. _____               |
| T. Wolfcamp _____        | T. _____               |
| T. Penn _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               |

## Northwestern New Mexico

|                             |                        |
|-----------------------------|------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Cliff House _____        | T. Leadville _____     |
| T. Menefee _____            | T. Madison _____       |
| T. Point Lookout _____      | T. Elbert _____        |
| T. Mancos _____             | T. McCracken _____     |
| T. Gallup _____             | T. Ignacio Otzte _____ |
| Base Greenhorn _____        | T. Granite _____       |
| T. Dakota _____             | T. _____               |
| T. Morrison _____           | T. _____               |
| T. Todilto _____            | T. _____               |
| T. Entrada _____            | T. _____               |
| T. Wingate _____            | T. _____               |
| T. Chinle _____             | T. _____               |
| T. Permian _____            | T. _____               |
| T. Penn. "A" _____          | T. _____               |

### OIL OR GAS SANDS OR ZONES

**OIL OR GAS SANDS OR ZONES**

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

**IMPORTANT WATER SANDS**

## IMPORTANT WATER SANDS

**IMPORTANT WATER SANDS**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

**LITHOLOGY RECORD**

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |