

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
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| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

5a. Indicate Type of Lease  
State ☐ Fee ☒

5. State Oil & Gas Lease No.

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator

NRM Petroleum Corporation

Address of Operator

600 W. Illinois, Suite 1000 - Midland, TX 79701

Location of Well

7. Unit Agreement Name

8. Farm or Lease Name

Metzger

9. Well No.

1

10. Field and Pool, or Wildcat

Chaveroo (San Andres)

11. LETTER J LOCATED 1980 FEET FROM THE east LINE AND 1980 FEET FROM

12. County

Roosevelt

13. Date Spudded 14. Date T.D. Reached 15. Date Compl. (Ready to Prod.) 16. Elevations (DF, RKB, RT, GR, etc.) 17. Elev. Casinghead

4-2-83 4-12-83 4-28-83 4313.7 CF 4312.7

18. Total Depth 19. Plug Back T.D. 20. If Multiple Compl., How Many 21. Intervals Drilled By 22. Rotary Tools 23. Cable Tools

4400' 4300' Norton #4

24. Producing Interval(s), of this completion - Top, Bottom, Name

4252'-4264' (4 SPF) (San Andres)

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

27. Was Well Cored

Yes

28. 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#            | 1560'     | 12 1/4"   | 750 sx lite, 200 sx class  | "C"           |
| 4 1/2"      | 10.5#          | 4400'     | 7 7/8"    | 1725 sx lite, 250 sx class | "C"           |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2 3/8" | 4279'     | None       |

30. Perforation Record (Interval, size and number)

4335'-47' - 3/8" - 48 holes  
4252'-64' - 3/8" - 52 holes

31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 4335'-47'      | Squeezed w/125 sx             |
| 4252'-64'      | Acidized w/250 gals 15% NE    |

32. PRODUCTION

|                       |                 |                                                                     |                         |            |              |                           |                                |  |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|---------------------------|--------------------------------|--|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              |                           | Well Status (Prod. or Shut-in) |  |
| 4-29-83               |                 | Flowing                                                             |                         |            |              |                           | Producing                      |  |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio                |  |
| 5-5-83                | 24              | 24/64"                                                              | →                       | 110        | .25          | 0                         |                                |  |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                                |  |
| 20-30#                | 510#            | →                                                                   |                         |            |              | 23.6 @ 60°                |                                |  |

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

Vented

Test Witnessed By

Dale Brown

34. List of Attachments

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.

SIGNED Allen Hurst

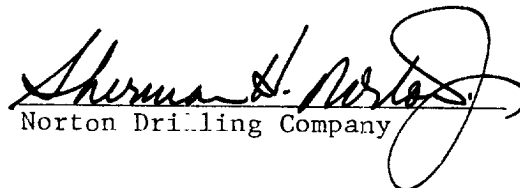
TITLE Production Superintendent

DATE 5/11/83

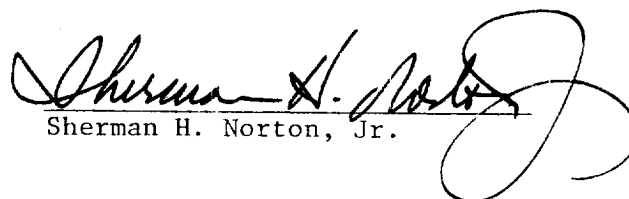
Deviation surveys taken on NRM Petroleum's Metzger #1 well in  
Roosevelt County, New Mexico: 17-7-34

| <u>Depth</u> | <u>Degree</u> |
|--------------|---------------|
| 450          | .25           |
| 929          | .25           |
| 1560         | .75           |
| 2412         | .25           |
| 3415         | 2.00          |
| 3888         | 3.00          |
| 3924         | 3.00          |
| 3985         | 3.25          |
| 4047         | 3.25          |
| 4110         | 3.50          |
| 4143         | 3.25          |
| 4204         | 3.25          |
| 4236         | 3.00          |
| 4400         | 3.25          |

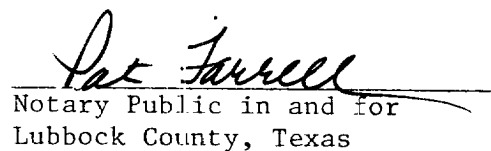
I hereby certify that I have personal knowledge of the date  
and facts placed on this sheet and that such information given  
above is true and complete.

  
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared  
Sherman H. Norton, Jr., known to me to be the person whose name is  
subscribed hereto, who, after being duly sworn, on oath states that he  
is the drilling contractor of the well identified in this instrument  
and that such well was not intentionally deviated from the vertical  
whatsoever.

  
Sherman H. Norton, Jr.

SWORN AND SUBSCRIBED TO before me this 22nd day of April 1983.

  
Notary Public in and for  
Lubbock County, Texas

RECEIVED  
JUN 1 1983  
O.C.D.  
HOBBS OFFICE

# 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 20 through 34 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

### Northwestern New Mexico

|                            |                  |                       |                  |
|----------------------------|------------------|-----------------------|------------------|
| T. Anhy 1984' (+2341)      | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"     |
| T. Salt 2034' (+2291)      | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"     |
| B. Salt 2278' (+2047)      | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yates 2278' (2047)      | T. Miss          | T. Cliff House        | T. Leadville     |
| T. 7 Rivers 2385' (+1940)  | T. Devonian      | T. Menefee            | T. Madison       |
| T. Queen 2967' (+1358)     | T. Silurian      | T. Point Lookout      | T. Ilbert        |
| T. Grayburg 3190' (1135)   | T. Montoya       | T. Mancos             | T. McCracken     |
| T. San Andres 3434' (+891) | T. Simpson       | T. Gallup             | T. Ignacio Qzite |
| T. Glorieta                | T. McKee         | Base Greenhorn        | T. Granite       |
| T. Paddock                 | T. Ellenburger   | T. Dakota             | T.               |
| T. Elimbry                 | T. Gr. Wash      | T. Morrison           | T.               |
| T. Tubb                    | T. Granite       | T. Todilco            | T.               |
| T. Drinkard                | T. Delaware Sand | T. Entrada            | T.               |
| T. Abo                     | T. Bone Springs  | T. Wingate            | T.               |
| T. Wolfcamp                | T.               | T. Chinle             | T.               |
| T. Penn.                   | T.               | T. Permian            | T.               |
| T. Cisco (Bough C)         | T.               | T. Penn. "A"          | T.               |

### OIL OR GAS SANDS OR ZONES

|                          |                |
|--------------------------|----------------|
| No. 1, from 4116 to 4186 | No. 4, from to |
| No. 2, from 4224 to 4291 | No. 5, from to |
| No. 3, from 4317 to 4366 | No. 6, from to |

### 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 |  |
| No. 4, from to feet |  |

### FORMATION RECORD (Attach additional sheets if necessary)

| From  | To    | Thickness in Feet | Formation          | From  | To    | Thickness in Feet | Formation                    |
|-------|-------|-------------------|--------------------|-------|-------|-------------------|------------------------------|
| 0'    | 100'  | 100'              | Surface            | 2385' | 2967' | 582'              | Salt, anhydrite, shale       |
| 100'  | 489'  | 389'              | Redbed             | 2967' | 3190' | 223'              | Shale, sand, anhydrite, salt |
| 489'  | 495'  | 6'                | Anhydrite          | 3190' | 3434' | 244'              | Dolo, anhydrite, shale       |
| 495'  | 506'  | 11'               | Redbed             | 3434' | 3507' | 73'               | Dolo, anhydrite              |
| 506'  | 511'  | 5'                | Anhydrite          | 2507' | 3526' | 19'               | Salt                         |
| 511'  | 553'  | 42'               | Redbed             | 3526' | 4400' | 874'              | Dolo, anhydrite, lime        |
| 553'  | 586'  | 33'               | Anhydrite          |       |       |                   |                              |
| 586'  | 1174' | 588'              | Anhydrite & Redbed |       |       |                   |                              |
| 1174' | 1511' | 337'              | Salt               |       |       |                   |                              |
| 1511' | 1984' | 473'              | Anhydrite & Redbed |       |       |                   |                              |
| 1984' | 2034' | 50'               | Anhydrite          |       |       |                   |                              |
| 2034' | 2278' | 244'              | Salt               |       |       |                   |                              |
| 2278' | 2385' | 107'              | Shale, sand        |       |       |                   |                              |

RECEIVED

MAY 23 1983

O.C.D.  
HOBBY OFFICE