

MAR 25 1977



OF THE STATE OF COLORADO

triplicate for Patented and Federal lands.  
in quadruplicate for State lands.

COLO. OIL & GAS CONS. COMM.

9

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  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
ROLLAND L. WONDERLY & EXETER DRILLING NORTHERN, INC.

3. ADDRESS OF OPERATOR  
P. O. BOX 1121, Arvada, Colorado 80001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 720' FEL & 2010' FSL, Sec. 20-T3S-R50W  
At top prod. interval reported below same  
At total depth same

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
FRIEND - USA

9. WELL NO.  
NO. 1

10. FIELD AND POOL, OR WILDCAT  
DORADO

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
NE SE 20-3S-50W

14. PERMIT NO. 76 978 DATE ISSUED 3/21/77

12. COUNTY Washington 13. STATE Colorado

15. DATE SPUDDED 3/10/77 16. DATE T.D. REACHED 3/17/77 17. DATE COMPL. (Ready to prod. or Plug & Abd.) 3/19/77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4555' G.L.; 4565' K.B. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4040' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser-Atlas Induction-Electrolog 27. WAS WELL CORED YES  NO  (Submit analysis) DRILL STEM TEST YES  NO  (See reverse side)

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 8-5/8"      | 24#             | 293'           | 12 1/4    | 280 sacks        | None          |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|--------------|-------------|------|----------------|-----------------|
|      |          |             |              |             |      |                |                 |

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
|                     |                                  |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Flowing or shut-in) |
|-----------------------|--|----------------------------------|
|                       |  |                                  |

  

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|-------------------------|----------|----------|------------|---------------|
|              |              |            |                         |          |          |            |               |

  

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-APT (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
|                     |                 |                         |          |          |            |                         |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Rolland L. Wonderly TITLE Geologist DATE 3/21/77

|   |
|---|
| ✓ |
| ✓ |
| ✓ |
| ✓ |
| ✓ |
| ✓ |
| ✓ |
| ✓ |

X

**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

**38. GEOLOGIC MARKERS**

| FORMATION | TOP        | BOTTOM | DESCRIPTION, CONTENTS, ETC.         | NAME | TOP         |                  |
|-----------|------------|--------|-------------------------------------|------|-------------|------------------|
|           |            |        |                                     |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Niobrara  | 2950       | 3422   | Shale and limestone                 |      |             |                  |
| Fort Hays | 3422       | 3480   | Limestone                           |      |             |                  |
| Carlile   | 3480       | 3610   | Shale                               |      |             |                  |
| D Sand    | 3886(+679) | 3938   | Sandstone and shale - water bearing |      |             |                  |
| J Sand    | 3938(+627) | 4040   | Sandstone - water bearing           |      |             |                  |

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