

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Oil Cons.  
N.M. Div-Dist. 2  
1301 W. Grand Avenue  
Altesia, NM 88210FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
LC-029392-B

- 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

2. Name of Operator  
Rick's Exploration, Inc.

8. Lease Name and Well No.

Principle Federal 1

3. Address  
110 W. Louisiana, Ste. 410, Midland, TX 797013.a Phone No. (Include area code)  
(915)683-7443

9. API Well No.

30-015-32616

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At Surface 990' FNL &amp; 1650' FWL

At top prod. interval reported below 990' FNL &amp; 1650' FWL

At total depth 990' FNL &amp; 1650' FWL

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OIL CONSERVATION  
ARTESIA

10. Field and Pool, or Exploratory

Wildcat; Brushy Canyon

11. Sec., T., R., M., on Block and

Survey or Area Sec. 27, T-18S, R31E

12. County or Parish

Eddy

13. State

New Mexico

14. Date Spudded

02/28/2003

15. Date T.D. Reached

03/10/2003

16. Date Completed

☐ D & A ☒ Ready to Prod.  
04/16/2003

17. Elevations (DF, RKB, RT, GL)\*

3642 Gr

18. Total Depth: MD 6395  
TVD 639519. Plug Back T.D.: MD  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
GR/CCL/CBL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17 1/2    | 8 5/8 J55  | 32#         | 0        | 664         |                      | 350sx Poz                   |                   | Surface     |               |
| 7 7/8"    | 5 1/2 N30  | 17#         |          | 6395        |                      | 940sx Poz                   |                   | Circ.       |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

## 24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2 7/8" | 6047.48'       | 6045              |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation        | Top  | Bottom | Perforated Interval | Size   | No. Holes | Perf. Status |
|------------------|------|--------|---------------------|--------|-----------|--------------|
| A) Brushy Canyon | 6120 | 6194   | 6180 - 6194         | 3 1/8" | 71        | OPEN         |
| B)               |      |        | 6150 - 6160         | 3 1/8" | TOTAL     | OPEN         |
| C)               |      |        | 6120 - 6130         | 3 1/8" | HOLES     | OPEN         |
| D)               |      |        |                     |        |           |              |

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                                                      |
|----------------|----------------------------------------------------------------------------------|
| 6120 - 6194    | Frac'd w/37,000 gals 25# crosslinked borate carrying 105,000# 16/30 Jordan sand. |
|                |                                                                                  |
|                |                                                                                  |

## 28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method         |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 4/24/03             | 5/3/2003             | 24           | →               | 205     | 81      | 50        |                       |             | 2 1/2" X 1 1/2" X 24' BBL |
| Choice Size         | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                           |
|                     |                      |              | →               | 205     | 81      | 50        |                       | producing   |                           |

## Production - Interval B

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

(See Instructions and spaces for additional data on reverse side)

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CARLSBAD FIELD OFFICE  
MAY 12 2003  
LES BABYAK  
PETROLEUM ENGINEER  
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## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |

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

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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.

| Formation | Top  | Bottom | Descriptions, Contents, etc. | Name             | Top Meas. Depth |
|-----------|------|--------|------------------------------|------------------|-----------------|
| Surface   | 0    | 675    |                              | Anhy             | 640             |
| Salt Anhy | 675  | 6500   |                              | B. Salt          | 1980            |
| Sd/Dolo   | 6500 | 3660   |                              | T. Yates         | 2550            |
| Lm/Dolo   | 3660 | 6500   |                              | T. Queen         | 3300            |
| SD/Dolo   | 6500 | 6254   |                              | T. Delaware Sand | 4600            |
| Lm        | 6254 | 6395   |                              | T. Brushy Canyon | 5200            |
|           |      |        |                              | T. Bone Springs  | 6250            |

## 31. Formation (Log) Markers

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ 2. Geological Report   
 ☐ 3. DST Report   
 ☒ 4. Directional Survey  
☐ 5. Sundry Notice for plugging and cement verification   
☐ 6. Core Analysis   
☐ 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Brenda CoffmanTitle Regulatory AnalystSignature Brenda CoffmanDate 05/07/2003

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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OPERATOR: RICKS EXPLORATION  
WELL/LEASE: PRINCIPLE FED. 1  
COUNTY: EDDY

508-0065

STATE OF NEW MEXICO  
DEVIATION REPORT

|       |       |
|-------|-------|
| 223   | 1/2   |
| 675   | 1/2   |
| 929   | 1     |
| 1,402 | 1/2   |
| 1,876 | 3/4   |
| 2,350 | 1     |
| 2,824 | 1/2   |
| 3,298 | 3/4   |
| 3,771 | 1/2   |
| 4,244 | 1/2   |
| 4,718 | 1/4   |
| 5,191 | 1 1/4 |
| 5,444 | 3/4   |
| 5,695 | 3/4   |
| 5,966 | 1     |
| 6,199 | 1     |

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2003 MAY 8 PM 12 58  
BUREAU OF LAND MGMT.  
CARLSBAD FIELD OFFICE

By: Joni Hodges

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 18th day of March, 2003, by  
Joni Hodges on behalf of Patterson-UTi Drilling Company LP, LLLP.

Denise Beck  
Notary Public for Midland County, Texas

