

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMBNO. 1004-0137
Expires: March 31, 2007

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator **Richardson Operating Company**

3. Address **3100 La Plata Highway, Farmington, NM 87401** 3a. Phone No. (include area code) **505-564-3100**

4. Location of Well (Report location clearly and in accordance with Federal requirements)* **JUL 2004**
At surface **1980' FNL & 665' FWL Sec. 36 T29N - R14W**
At top prod. interval reported below
At total depth **Same as above**

5. Lease Serial No. **14-20-603-2172**

6. If Indian, Allottee or Tribe Name **Navajo**

7. Unit or CA Agreement Name and No. **31905**

8. Lease Name and Well No. **NV Navajo 36 #2**

9. AFI Well No. **30-045-31191**

10. Field and Pool, or Exploratory **Basin FC & West Kutz PC**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 36 T29N-R14W**

12. County or Parish **San Juan** 13. State **NM**

14. Date Spudded **06/29/2004** 15. Date T.D. Reached **07/01/2004** 16. Date Completed **07/17/2004**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **5916' GL**

18. Total Depth: MD **1608' GL** 19. Plug Back T.D.: MD **1555' GL** 20. Depth Bridge Plug Set: MD
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Compensated Neutron Log

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 8 3/4" | 7" H-40 | 17# | -1' GL | 121' | | 55 sx Class B | 12 bbl | Surface | Circ. 5 bbl |
| 6 1/4" | 4.5" J-55 | 10.5# | +1' GL | 1597' | | 130sx Class B | 48 bbl | | |
| | | | | | | 60 sx Class B | 13 bbl | Surface | Circ. 10 bbl |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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 3/8" | 1500' | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------------|-------|--------|--------------------------|-------|-----------|--------------|
| A) Basin Fruitland Coal | 1302' | 1446' | 1326'-1350'; 1367' | 0.38" | 3 | Open |
| B) | | | 1425'-1432'; 1442'-1446' | 0.38" | 36 | Open |
| C) West Kutz PC | 1446' | TD | 1446'-1450' | 0.38" | 8 | Open |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 1326'-1450' | Spearhead with 1000 gal 15% HCl. |
| | Frac with 40020 gal gelled fluid, with 86436# of 20/40 Brady/ Super LC sand, in five stages. |
| | Flush with 903 gal Aqua Safe X20. |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| | | | → | | | | | | Sundry of tests to follow |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | SI:WOPL |

28a. 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 | |
| | | | → | | | | | | |

ACCEPTED FOR RECORD

JUL 28 2004

FARMINGTON FIELD OFFICE
BY *JB*

*(See instructions and spaces for additional data on page 2)

- In the future, prior authorization is required for completion of an additional productive zone. Please file the new CIDZ & commingle application

28b. Production - Interval C

| 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 | |

28c. Production - Interval D

| 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 | |

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

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|-----------------------------------|----------------|-------------|------------------------------|------|--------------------|
| Fruitland Coal Pictured Cliffs | 1302' 1446' | 1446' TD | | | |

32. Additional remarks (include plugging procedure):

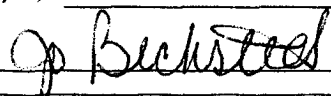
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Jo BeckstedTitle Compliance Administrator

Signature

Date 07/27/2004

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.