

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

2005 APR 27

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 20075. Lease Serial No.  
Jicarilla Cont. 1081a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Off-Base

Other \_\_\_\_\_

2. Name of Operator **CDX Rio, LLC.**3. Address **4801 N. Butler, Suite 2000, Farmington, NM 87401**3a. Phone No. (include area code)  
**505-326-3003**

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

At surface **790' FNL, 1850' FEL, Unit "B"**

At top prod. interval reported below

At total depth

14. Date Spudded  
**05/19/1981**15. Date T.D. Reached  
**05/29/1981**16. Date Completed  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
**7221' GL**18. Total Depth: MD **8277'**  
TVD19. Plug Back T.D.: MD **8202'**  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

**CBL/GR/CCL/Neutron**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 |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12 1/4"   | 9 5/8"     | 36          | 0        | 347'        |                      | 300 sx                       |                   |             |               |
| 8 3/4"    | 7"         | 23          | 0        | 4359'       |                      | 550 sx 700                   |                   |             |               |
| 7 7/8"    | 5 1/2"     | 10.5        | 4205'    | 8275'       |                      | 275 sx 425                   |                   |             |               |
| 6 3/4"    | 4 1/2"     | 11.6        |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |

## 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" | 8,080          |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation    | Top   | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|--------------|-------|--------|---------------------|-------|-----------|--------------|
| A) Mesaverde | 5531' | 6107'  | 5531 - 5757         | 0.34" | 25        | Producing    |
| B)           |       |        | 5926 - 6107         | 0.34" | 25        | Producing    |
| C) Dakota    | 8059' | 8261'  | 8059 - 8261         |       | 50        | Producing    |
| D)           |       |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 5531 - 5757    | Frac MV w/ 500 gal 15% HCL & 45,000 lbs 20/40 Brady + 15,000 lbs SLC         |
| 5926 - 6107    | Frac MV w/ 500 gal 15% HCL & 45,000 lbs 20/40 Brady + 15,000 lbs SLC         |
| 8059 - 8261    | Frac DK w/ 1000 gal 15% HCL & 160,000 lbs 20/40 sand + 90,000 gal 30# XL gel |

## 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 04/17/2005          | 04/17/2005           | 6            | →               | 0       | 29      | 4         |                       |             | Flow up tubing    |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     | SI 150               |              | →               | 0       | 687     | 10        |                       |             |                   |

## 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 |                   |
|                     | SI                   |              | →               |         |         |           |                       |             |                   |

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

NMOC

## 28b. Production - Interval C

| Date First Produced | Test Date               | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>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<br>Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>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.)

Vented

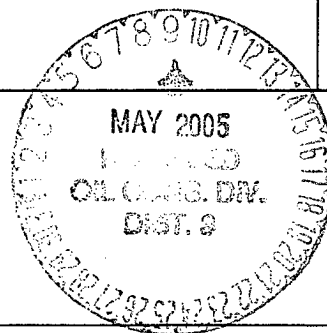
## 30. Summary of Porous Zones (Include Aquifers):

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<br>Meas. Depth |
|-------------------------------|----------------------|--------------------|------------------------------|------|--------------------|
| Mesaverde<br>Gallup<br>Dakota | 5500<br>7240<br>8050 | 5703<br>7950<br>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) David C. Smith    Title Production Engineer  
 Signature [Signature]    Date Apr. 25, 2005

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.