

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 01 2011

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Logton Field Office  
Bureau of Land Management5 Lease Serial No.  
USA SF 080245

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

Report to Lease

8. Lease Name and Well No.

Federal 29-9-28 #4

9. API Well No.

30-045-34995-0051

10. Field and Pool, or Exploratory

Basin Fruitland Coal

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

Survey or Area

K-Sec. 28, T29N, R09W NMPM

12. County or Parish

San Juan

13. State

NM

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

5823' GL

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,  
Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address

2010 Afton Place, Farmington, NM 87401

3a. Phone No. (include area code)

505-325-6800

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

At surface 2111' FSL, 1598' FWL Sec 28 T29N R09W (K) NE/SW

At top prod. interval reported below

At total depth

14. Date Spudded

6/27/11

15. Date T.D. Reached

7/1/11

16. Date Completed

☐ D & A☒ Ready to Prod.

8/30/11

18. Total Depth: MD

2402'

TVD

19. Plug Back T.D.: MD

2378'

TVD

20. Depth Bridge Plug Set: MD

TVD

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

Acoustic CBL, Platform Exp Triple Lithology Den., Array Ind-GR

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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled   |
|-----------|------------|-----------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|-----------------|
| 12.25"    | 8.625"     | 24#       |          | 195'        |                      | 105 sks                     |                   | surface     | 3 bbls - circ.  |
| 7.875"    | 5.50"      | 15.5#     |          | 2402'       |                      | 425 sks                     |                   | surface     | .5 bbls - circ. |
|           |            |           |          |             |                      |                             |                   |             | RCVD SEP 6 '11  |
|           |            |           |          |             |                      |                             |                   |             | OIL CONS. DIV.  |
|           |            |           |          |             |                      |                             |                   |             | DIST. 2         |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375" | 2266'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation         | Top   | Bottom | Perforated Interval    | Size | No. Holes | Perf Status |
|-------------------|-------|--------|------------------------|------|-----------|-------------|
| A) Fruitland Coal | 2000' | 2199'  | 2174'-2185'            | .40" | 44        | 4 spf       |
| B)                |       |        | 2100-2110', 2083-2092' | .40" | 84        | 4 spf       |
| C)                |       |        | and 2072'-2074'        |      |           |             |
| D)                |       |        | 2018'-2024'            | .40" | 12        | 2 spf       |

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

| Depth Interval         | Amount and Type of Material  |
|------------------------|--|
| 2174'-2185'            | 95,016 gals of x/link, 70Q foam, 184,900# of 20/40 sand, 2500# of 100 mesh |
| 2100-2110', 2083-2092' | 20,906 gals of x/link, 70Q foam, 2000# of 100 mesh, 113,980# of 20/40 sand |
| 2072-2074', 2018-2024' |  |

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   |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|----------------------|-------------|---------------------|
|                     | 8/27/11              | 2              | →               | 0       | 0       | 45        |                      |             | flowing             |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. →        | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio       | Well Status |                     |
| 1/4"                | SI 1060              | SI 0           | →               |         |         |           |                      |             | ACCEPTED FOR RECORD |

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                        |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|----------------------|-------------|--|
|                     |                      |                | →               |         |         |           |                      |             | SEP 02 2011                              |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. →        | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio       | Well Status |  |
|                     | SI                   |                | →               |         |         |           |                      |             | FARMINGTON FIELD OFFICE<br>BY <u>Scw</u> |

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

NMOC D W

## 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.<br>SI | Csg. Press.  | 24 Hr.<br>→          | Oil BBL | Gas MCF | Water BBL | Gas: Oil<br>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.<br>SI | Csg. Press.  | 24 Hr.<br>→          | Oil BBL | Gas MCF | Water BBL | Gas: Oil<br>Ratio        | Well Status |                   |

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

to be sold

## 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 |
|           |     |        |                              | Nacimiento           | Surface     |
|           |     |        |                              | Ojo Alamo (est)      | 1085'       |
|           |     |        |                              | Kirtland Shale (est) | 1240'       |
|           |     |        |                              | Fruitland            | 1850'       |
|           |     |        |                              | Fruitland Coal Top   | 2000'       |
|           |     |        |                              | Fruitland Coal Base  | 2199'       |
|           |     |        |                              | Pictured Cliffs      | 2204'       |

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) Anna StottsTitle Regulatory Analyst

Signature

Date 9/1/11

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.