

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUN 01 2012

|   |   |  |                       |   |                        |                             |                      |                   |                   |
|---|---|--|-----------------------|---|------------------------|-----------------------------|----------------------|-------------------|-------------------|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other   |   | Farmington Field Office<br>Bureau of Land Management   |                       | 5. Lease Serial No.<br>Jicarilla Contract 107                                     |                        |                             |                      |                   |                   |
| b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv.<br>Other <u>PC payadd</u>  |   |  |                       | 6. If Indian, Allottee or Tribe Name<br>Jicarilla Apache                          |                        |                             |                      |                   |                   |
| 2. Name of Operator<br>Energen Resources Corporation  |   |  |                       | 7. Unit or CA Agreement Name and No.  |                        |                             |                      |                   |                   |
| 3. Address<br>2010 Afton Place, Farmington, NM 87401  |   | 3a. Phone No. (include area code)<br>505.325.6800  |                       | 8. Lease Name and Well No.<br>Jicarilla 107 #5                                    |                        |                             |                      |                   |                   |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface 1720' ENL, 1495' FWL (F) SE/NW Sec 33, T26N, R04W<br><br>At top prod. interval reported below<br><br>At total depth same   |   |  |                       | 9. API Well No.<br>30-039-22053   |                        |                             |                      |                   |                   |
| 14. Date Spudded<br>11/17/79  |   | 15. Date T.D. Reached<br>12/7/79   |                       | 10. Field and Pool, or Exploratory<br>S. Blanco Pictures Cliffs                   |                        |                             |                      |                   |                   |
|   |   | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>5/29/12 |                       | 11. Sec., T., R., M., or Block and Survey or Area<br>F - Sec. 33, T26N, R04W NMPM |                        |                             |                      |                   |                   |
| 18. Total Depth MD<br>TVD 7900'   |   | 19. Plug Back T.D. MD<br>TVD 7900'   |                       | 12. County or Parish<br>Rio Arriba  |                        |                             |                      |                   |                   |
|   |   |  |                       | 13. State<br>NM   |                        |                             |                      |                   |                   |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>CEL  |   |  |                       | 17. Elevations (DF, RKB, RT, GL)*<br>6856' GL                                     |                        |                             |                      |                   |                   |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Skis & Type of Cement | Slurry Vol. (BBL)    | Cement Top*       | Amount Pulled     |
| 12-1/4  | 8-5/8   | 28   |                       | 282'  |                        | 175                         |                      | surface           |                   |
| 7-7/8   | 5-1/2   | 15.5   |                       | 7898'   |                        | 500                         |                      | surface           |                   |
|   |   |  |                       |   |                        |                             |                      |                   |                   |
|   |   |  |                       |   |                        |                             |                      |                   |                   |
|   |   |  |                       |   |                        |                             |                      |                   |                   |
|   |   |  |                       |   |                        |                             |                      |                   |                   |
| 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"  | 3431'   |  |                       |   |                        |                             |                      |                   |                   |
| 25. Producing Intervals   |   |  |                       |   | 26. Perforation Record |                             |                      |                   |                   |
| Formation   | Top   | Bottom   | Perforated Interval   | Size  | No Holes               | Perf Status                 |                      |                   |                   |
| A) S. Blanco PC   | 3390 MD   | 5051 MD  | 3390-3400, 3422-3440, | .43"  | 36                     | 3 spf                       |                      |                   |                   |
| B)  |   |  | 3450-3458 MD          |   |                        |                             |                      |                   |                   |
| C)  |   |  |                       |   |                        |                             |                      |                   |                   |
| D)  |   |  |                       |   |                        |                             |                      |                   |                   |
| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.   |   |  |                       |   |                        |                             |                      |                   |                   |
| Depth Interval  | Amount and Type of Material                                 |  |                       |   |                        |                             |                      |                   |                   |
| 3390'-3458' MD  | 22,893 gals of 70Q Delta, 5000# 100 mesh, 95000# 20/40 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 |
|   | 5/31/12   | 1  | →                     | 0   | 300                    | 0                           |                      |                   | flowing           |
| Choke Size  | Tbg. Press. Flwg. SI  | Csg Press  | 24 Hr                 | Oil BBL   | Gas MCF                | Water BBL                   | Gas: Oil Ratio       | Well Status       |                   |
|   | 390   | 390  | →                     |   |                        |                             |                      |                   |                   |
| 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                 | Oil BBL   | Gas MCF                | Water BBL                   | Gas: Oil Ratio       | Well Status       |                   |
|   |   |  | →                     |   |                        |                             |                      |                   |                   |

PROD. TIME 15:10  
OIL CONS. 110°  
DIST 2

ACCEPTED FOR RECORD

JUN 14 2012

FARMINGTON FIELD OFFICE  
BY

NMOCDA

## 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 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 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 |
|           |     |        |                              | Ojo Alamo Ss        | 3080' MD   |
|           |     |        |                              | Fruitland Formation | 3082' MD   |
|           |     |        |                              | Pictured Cliffs     | 3390' MD   |
|           |     |        |                              | Cliff House         | 5052' MD   |
|           |     |        |                              | Point Lookout       | 5490' MD   |
|           |     |        |                              | Dakota              | 7580' MD   |

32. Additional remarks (include plugging procedure):

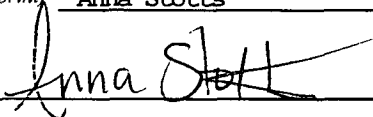
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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 5/31/12

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.