

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | | | | | |
|---|----------------------|-------------------|---|-----------------------------|-------------------------------|--|-------------------|--|-------------------|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry Other _____ | | | | | | 5. Lease Serial No. Jicarilla Contract 99 | | | |
| b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____ | | | | | | 6. If Indian, Allottee or Tribe Name Jicarilla Apache | | | |
| 2. Name of Operator Energen Resources Corporation | | | | | | 7. Unit or CA Agreement Name and No. 21941 | | | |
| 3. Address 2198 Bloomfield Highway, Farmington, NM 87401 | | | | | | 8. Lease Name and Well No. Jicarilla 99 7C | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface 2010' FSL, 1600' FWL - NE/SW At top prod. interval reported below At total depth | | | | | | 9. API Well No. 30-039-27437 | | | |
| 14. Date Spudded 08/15/03 | | | | | | 15. Date T.D. Reached 08/24/03 | | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/14/03 | |
| 18. Total Depth: MD TVD 6359' | | | | | | 19. Plug Back T.D.: MD TVD 6307' | | 20. Depth Bridge Plug Set: MD TVD | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/Temp/HRI:GR/Spec Den Dual Spaced Neutron | | | | | | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) 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 Cement Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
| 12-1/4" | 9-5/8" | 32.3# | 0 | 243' | H-40 | 150 sks | | surface | circulated |
| 8-3/4" | 7" | 20# | 0 | 4104' | J-55 | 650 sks | | 1900' | temp. survey |
| 6-1/4" | 4-1/2" | 10.5# | 3952' | 6323' | J-55 | 300 sks | | 3952' | circulated |
| | | | | | (grade) | | | | |
| 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" | 5984' | | | | | | | | |
| 25. Producing Intervals | | | | | 26. Perforation Record | | | | |
| Formation | | Top | Bottom | Perforated Interval | | Size | No. Holes | Perf. Status | |
| A) Point Lookout | | 5832' | 6026 | 5832, 34, 38, 40, 42, 44, | | 0.34 | 43 | 1 JSPF | |
| B) | | | | 50, 52, 54, 72, 74, 76, 78, | | | | | |
| C) | | | | 80, 82, 84, 86, 88, 90, 92, | | | | | |
| D) | | | | 94, 96, 5900, 02, 04, 06, | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. | | | | | | | | | |
| Depth Interval | | | Amount and Type of Material | | | | | | |
| 5832' - 6026' | | | 109,350 gals. 60Q foamed slickwater & 145,000# 20/40 sand | | | | | | |
| 28. Production - Interval A | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity | Gas Gravity | Production Method |
| | 10/21/03 | 7dy | → | | | | | | flowing |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. → | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| | 825 | 1010 | → | | 900 | | | | |
| 28a. Production-Interval B | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity | 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 | |

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

28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity | 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 | |

28c. Production-Interval D

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity | 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 | |

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 |
| Point Lookout | 5832' | 6026' | (cont. from page 1) 5948, 50, 56, 58, 60, 64, 66, 78, 80, 96, 98, 6006, 08, 14, 16, 24, 26 | Ojo Alamo | 3274 |
| | | | | Kirtland | 3540 |
| | | | | Fruitland | 3590 |
| | | | | Pictured Cliffs | 3724 |
| | | | | Lewis | 3816 |
| | | | | Huerfanito Bentonite | 4217 |
| | | | | Cliff House | 5422 |
| | | | | Menefee | 5539 |
| | | | | Point Lookout | 5833 |

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic 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) Charlie DonahueTitle District EngineerSignature Date 10/22/03

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.