

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

MAY 6 7 2009

Bureau of Land Management

Farmington Field Office

Lease Serial No.

NMSF 076337 077875

If Indian, Allottee or Tribe Name

Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2010 Afton Place, Farmington, NM 87401

3b. Phone No. (include area code)

(505) 325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,650 ENL & 990' FWL, Sec: 08, T:27N, R:10W, Unit: E

8. Well Name and No.

Rowley #1

9. API Well No.

30-045-06697

10. Field and Pool, or Exploratory Area

Fulcher Kutz Pictured Cliffs

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other  
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon  
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

The Rowley #1 was plugged & abandoned according to the attached procedure on 04/29/09

RCVD MAY 8 '09  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Vicki Donaghey

Title Regulatory Analyst

Signature

Vicki Donaghey

Date 05/06/09

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

MAY 08 2009

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

FARMINGTON FIELD OFFICE

NMOC

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \* fax: 505-325-1211

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Energen Resources Corporation  
**Rowley #1**

May 1, 2009  
Page 1 of 2

1650' FNL & 990' FWL, Section 8, T-27-N, R-10-W  
San Juan County, NM  
Lease Number: NMSF 077764  
API #30-045-06697

## Plug & Abandonment Report

### Plugging Summary:

Notified BLM and NMOCD on 4/24/09

- 4/27/09 MOL. Rig up rig and equipment. LOTO location. Well pressures: tubing, 0 PSI; casing 33 PSI; intermediate, 0 PSI; and bradenhead, 0 PSI. Blow well down. Removed stuffing box and found well to have a continuous 5/8" fiberglass rod. Unseated the pump and RD. Waited for CDI to rig up a spooling unit. CDI spooled up the rod from the well. Moved rig back on well and RU. NU BOP and test. SDFD.
- 4/28/09 Well pressures: tubing, 0 PSI; casing 33 PSI; intermediate, 0 PSI; and bradenhead, 0 PSI. Blow well down. TOH with 61 joints 1.25" IJ tubing, total 1955'. RU wireline unit and round trip 3.5" gauge ring to 1865'. RIH and set 3.5" wireline CIBP at 1868'. TIH and tag CIBP. Load casing with 15 bbls of water. Then circulate well clean with an additional 20 bbls of water. Pressure test the 3.5" casing to 1100 PSI, held OK. Establish circulation out casing valve.
- Plug #1** with CIBP at 1868', spot 18 sxs Class B cement (21.2 cf) inside 3.5" casing above the CIBP up to 1433' to isolate the Pictured Cliffs and Fruitland Coal intervals. PUH with tubing to 1059'.
- Plug #2** with 22 sxs Class B cement (26.0 cf) inside the 3.5" casing from 1059' to 528' to cover the Kirtland and Ojo Alamo tops. TOH and LD the tubing. Perforate 3 bi-wire holes at 162'. Pump down the 3.5" casing: after 2 bbls established circulation out the 3.5" x 5.5" annulus; shut this intermediate valve and continued to pump. Unable to establish circulation out the bradenhead valve – no flow or blow. Then pumped 5 bbls water down the BH valve with no circulation out the casing or intermediate. Established injection rate of 1.5 bpm down the casing and out the intermediate valve to surface; down the casing and outside the 5.5" with no returns to surface at 2 bpm at 400 PSI. BLM approved the following procedure change.
- Plug #3** with 57 sxs Class B cement (67.3 cf) pumped down the 3.5" casing into squeeze holes at 162'; after pumping 24 sxs, good cement circulated out the intermediate valve - shut this valve; continued to pump 33 sxs outside the 5.5" casing and then displace the cement to 100' inside the 3.5" casing. Shut in and WOC overnight. SDFD.

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**Rowley #1**

May 1, 2009  
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## **Plugging Summary Continued:**

4/29/08 No pressure on well. Tag cement at 54'. Pump 20 bbls water down the bradenhead at 3 bpm at 250 PSI. Perforate 3 holes at 50'. Establish circulation out the bradenhead valve with water. BLM approved the following procedure change.

**Plug #4** with 45 sxs Class B cement (53.1 cf): 1<sup>st</sup>) mix and pump 16 sxs cement down the 3.5" casing from 50' to surface, circulate good cement out the bradenhead valve; 2<sup>nd</sup>) shut the 3.5" casing valve and connect the pump line to the BH valve; and 3<sup>rd</sup>) pump 29 sxs cement down the bradenhead valve from surface to 112'.

Shut in well and WOC. Open valves and found cement at surface. RD rig and move forward. Write a hot work permit and dig out wellhead with backhoe. Cut off the wellhead. Found cement at surface in the casing, 3.5" X 5.5" annulus and the 8.625" annulus. Mix 10 sxs cement to install P&A marker.

AI Atencio with BLM was on location.