

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

DEC 12 2012

**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.*

5. Lease Serial No. Jicarilla 123 C  
 6. If Indian, Allottee or Tribe Name Jicarilla  
 7. If Unit or CA/Agreement, Name and/or No. 5  
 8. Well Name and No. Jicarilla 123 C 5  
 9. API Well No. 30-039-06061  
 10. Field and Pool, or Exploratory Area S. Blanco PC  
 11. County or Parish, State Rio Arriba NM

**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 2198 Bloomfield Highway, Farmington, NM 87401  
 3b. Phone No. (include area code) 505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
990' FSL, 1500' FWL, Unit N Sec8 T25N, R4W

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

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 recomplate 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 recompletion 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.)

Energen Resources plugged and abandoned the Jicarilla 123 C #5 per the attached report.

RCVD DEC 14 '12  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed) Adam Kyem Title District Engineer  
 Signature [Signature] Date 12/12/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title DEC 13 2012  
 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

WOOD AV

---

---

## A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \*fax: 505-325-1211

---

Energen Resources  
Jicarilla 123 C 5

November 28, 2012  
Page 1 of 2

990' FSL and 1500' FWL, Section 8, T-25-N, R-4-W  
Rio Arriba County, NM  
Lease Number: Jicarilla 123 C  
API #30-039-06061

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 11/19/12

### **Plug and Abandonment Summary:**

---

- Plug #1** with 60 sxs (70.8 cf) Class B cement with 2% CaCl inside casing from 3708' to 3084' to cover the Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops.
- Plug #2** with 36 sxs (42.48 cf) Class B cement inside casing from 1971' to 1756' leaving 5 sxs below, 15 sxs out and 16 sxs above the CR to cover the Nacimiento top.
- Plug #3** with 46 sxs (54.28 cf) Class B cement inside casing from 176' to surface to cover the surface casing shoe.
- Plug #4** with 16 sxs Class B cement found cement in the 5" at surface and in the 7-5/8" x 5" down 1' and install P&A marker.

### **Plugging Work Details:**

- 11/20/12 Rode equipment to location and RU. Check well pressures: tubing 220 PSI, casing 120 PSI and bradenhead 0 PSI. RU relief lines and blow well down perform LO/TO. Change over for 1-1/4". ND wellhead. Strip on 5.5" tubing head 8-5/8" Companion flange and the BOP. TOH and tally LD 101 joints of 1-1/4" EUE tubing at 2520'. SI well. SDFD.
- 11/21/12 Check well pressures: casing 110 PSI, bradenhead 1 PSI and blow well down. RIH with 3.875 gauge ring to 3730' POH. PU plugging sub and TIH. PU and tally 120 joints and tag 4.5" CR at 3729' and put 8000 PSI on the 4.5" wireline set CR. The CR didn't move. Load the well with 44 bbls and circulate well clean with 67 bbls total. Attempt to pressure test casing, no test. Establish rate of 1 bpm at 500 PSI with 1 bbl pumped lost pressure. PU 1 joint and try to re-tag the 4.5" CR. No CR at original tag depth. TOH and LD 2 joint stand back 59 stands. PU 5" CIBP and RIH and set at 3708' POH. SI well. SDFD. Note: B. Powell, B. Hammond and A. Clem approved attempting to set a 4.5" CR as an experiment. The CR held tubing weight, but lost while attempting pressure test.
- 11/26/12 Open up well; no pressures. PU plugging sub and TIH. Tag the CIBP at 3708'. Attempt casing test, no test. Bled from 800 PSI to 600 PSI in 1 minute. Spot plug #1 with estimated TOC at 3084'. TOH and WOC. Attempt casing test, no test. Pressure up to 800 PSI and bled down to 650 PSI in 2 minutes. RIH and tag cement at 3080'. Perforate 3 HSC holes at 1971'. Establish rate into perms of 1 bpm at 1000 PSI and bled down to 500 PSI in a minute. PU Select 5" CR and TIH. Set CR at 1922'. Pressure test casing, no test. Pressure up to 800 PSI and bled down to 650 PSI in 2 minutes. Establish rate into perf of 1 bpm at 900 PSI. Spot plug #2 with estimated TOC at 1756'. TOH. SI well. SDFD.

---

---

**A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \*fax: 505-325-1211

---

Energen Resources  
Jicarilla 123 C 5

November 27, 2012  
Page 2 of 2

**Plugging Work Details (continued):**

11/27/12 Open up well; no pressures. TIH and tag cement at 1716'. TOH and LD all tubing. Attempt to pressure test casing, no test. Bled down from 800 PSI to 500 PSI in a minute. Perforate 3 HSC holes at 176'. Establish rate into squeeze holes 2 bpm at 1000 PSI. Dig out wellhead. Spot plug #3 with TOC at surface. SI well. SDFD.

11/28/12 Open up well; no pressures. Chip cement out of BOP. Write and perform Hot Work permit. Cut off wellhead. Found cement in the 5" at surface and in the 7-5/8" x 5" down 1'. Spot plug #4 and install P&A marker. RD & MOL.

Bryce Hammond, Jicarilla BLM representative was on location.