

**RECEIVED**

**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.*

Farmington  
Bureau of Land Management

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

**OIL CONS. DIV DIST. 3**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <u>Jicarilla 123</u>
2. Name of Operator <b>ENERGEN RESOURCES CORPORATION</b>		6. If Indian, Allottee or Tribe Name <u>Jicarilla Apache</u>
3a. Address <u>2010 Afton Place, Farmington, NM, 87401</u>	3b. Phone No. (include area code) <u>505-325-6800</u>	7. If Unit or CA/Agreement, Name and/or No. <u>Jicarilla 123 C #1</u>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <u>930' FNL, 830' FWL, Sec. 7, T25N, R04W N.M.P.M. (D) NW/NW</u>		8. Well Name and No. <u>Jicarilla 123 C #1</u>
		9. API Well No. <u>30-039-06106</u>
		10. Field and Pool, or Exploratory Area <u>S. Blanco Pictured Cliffs</u>
		11. County or Parish, State <u>Rio Arriba NM</u>

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 type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<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	

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 recomplete 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 permanently plugged and abandoned the Jicarilla 123 C #1 according to the attached report.**

**ACCEPTED FOR RECORD**  
**NOV 04 2014**  
FARMINGTON FIELD OFFICE  
BY: [Signature]

**Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <u>Patsy Berger</u>	Title <u>Sr. Production Assistant</u>
Signature <u>[Signature]</u>	Date <u>10/28/2014</u>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
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	

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

Energen Resources Corporation  
**Jicarilla 123 C #1**

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930' FNL and 830' FWL, Section 7, T-25-N, R-04-W  
Rio Arriba County, NM  
Lease Number: Jicarilla 123  
API #30-039-06106

**Plug and Abandonment Report**  
Notified NMOCD and Jicarilla BLM on 10/15/14

## **Plug and Abandonment Summary:**

- Plug #1a** with CR at 3192' spot 45 sxs (53.1 cf) Class B cement inside casing from 3483' to 3192' with 22.5 sxs inside casing below CR and 22.5 sxs into PC perms, displace with 12.35 bbls of fresh water to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 3105'.
- Plug #1b** with 36 sxs (42.48 cf) Class B cement with 2% CaCl inside casing from 3105' to 2639' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2688'.
- Plug #2** with CR at 1524' spot 20 sxs (23.6 cf) Class B cement inside casing from 1524' to 1266' to cover the Nacimiento top. Tag TOC at 1272'.
- Plug #3** with 53 sxs (62.54 cf) Class B cement to cover the 77-5/8" surface casing shoe.
- Plug #4** with 17 sxs Class B cement top off casings and install P&A marker with coordinates 36° 25' 8" N/107° 17' 55" W.

## **Plugging Work Details:**

- 10/16/14 Rode rig and equipment to location. Spot in and RU. Check well pressures: tubing 0 PSI, casing 140 PSI and bradenhead 10 PSI. RU relief lines. Pump 15 bbls of water down well to kill well. Well on vacuum. ND wellhead. Pull 20K on tubing, no movement. Wait on orders. Pump 65 bbls of water down tubing. No circulation. Casing on vacuum. Fill out Hot Work Permit. Check well for LEL, no LEL. Heat up around pins with torch. No movement on pins. Note: call out Big Red Tools to work on locking pins. SI well. SDFD.
- 10/17/14 Check well pressures: bradenhead 0 PSI, casing 1 PSI and tubing 4 PSI. Strip off old tubing head and strip on replacement BOP. Function test BOP. LD 1-1/4" tubing from well. TOH and LD 108 jnts 1-1/4" non-upset tubing, with collar on end, estimated 3402' total length. RU A-Plus wireline. RIH with 3.60" GR to 3192'. Make attempts to get deeper – no success. RD wireline. Round trip 4-1/2" casing scraper. PU 2-3/8" EUE tubing and TIH. Note: B. Powell, NMOCD and R. Velarde, Jicarilla BLM approved procedure change. TIH with 4-1/2" DHS CR and set at 3192'. Pressure test tubing to 1000 PSI. Pump 3.5 bbls of water down well and test. Establish circulation. Attempt to pressure test casing to 750 PSI, no test. Establish rate of 1.5 bpm at 500 PSI. Spot plug #1a with calculated TOC at 3192'. TOH and LD setting tool. SDFD.
- 10/18/14 Check well pressures: bradenhead 10 PSI, casing 25 PSI and no tubing in well. Blow well down. RU A-Plus wireline. Ran CBL from 3088' to surface, tag TOC at 2790'. LD logging tool. Wait on orders. SI well. SDFD.

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Jicarilla 123 C #1

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### Plugging Work Details (continued):

10/20/14 Open up well; no pressures. TIH and tag TOC at 3105'. Establish circulation. Attempt to pressure test casing at 800 PSI, no test. Spot plug #1b with calculated TOC at 2639'. WOC. Attempt to pressure test casing to 800 PSI, no test. RU A-Plus wireline. RIH and tag TOC at 2688'. Note: R. Velarde, Jicarilla BLM approved tag. Perforate 3 HSC squeeze holes at 1574'. PU 4-1/2" DHS CR and set at 1524'. Establish circulation. Attempt to pressure test casing to 800 PSI, leak. Attempt to establish rate locked up at 750 PSI. Wait on orders. Note: B. Powell, NMOC and T. Saylor, BLM approved spot plug. Spot plug #2 with calculated TOC at 1266'. SI well. SDFD.

10/21/14 Open up well; no pressures. Attempt to pressure test, no test. pressured up to 1000 PSI and bled down to 0 PSI in 12 seconds. RU A-Plus wireline. RIH and tag TOC at 1272'. Perforate 3 HSC squeeze holes at 160'. Establish circulation out 7-5/8" bradenhead with good cement. SI well. WOC. Fill out Hot Work Permit. Dig out wellhead. Cut off wellhead. Found cement down 30' in 4-1/2" casing and 10' in 7-5/8" casing. Spot plug #4 top off casings and install P&A marker with coordinates 36° 25' 8" N/107° 17' 55" W. RD and MOL.

Rod Velarde, Jicarilla BLM representative, was on location.