

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

Field Office

Farmington
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

OIL CONS. DIV DIST. 3

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)

930' FNL, 830' FWL, Sec. 7, T25N, R04W N.M.P.M. (D) NW/NW

5. Lease Serial No.

Jicarilla 123

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Jicarilla 123 C #1

9. API Well No.

30-039-06106

10. Field and Pool, or Exploratory Area

S. Blanco Pictured Cliffs

11. County or Parish, State

Rio Arriba 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.)

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)

Patsy Berger

Title Sr. Production Assistant

Signature

[Signature]

Date 10/28/2014

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

October 21, 2014
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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. Sayler, 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.