

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2
RECEIVED

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ENERGEN RESOURCES CORPORATION

3a. Address
2010 Afton Place Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1560' FSL, 1740' FWL, Sec.05, T25N, R04W

Farmington Field Office
Bureau of Land Management
505.325.6800

5. Lease Serial No.

Jicarilla Contract 123C

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 123C # 16

9. API Well No.

30-039-21187

10. Field and Pool, or Exploratory Area
Tapacito 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

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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 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 P&A the Jicarilla 123C #16 according to the attached procedure.

RCVD NOV 2 '10
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 10/08/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date 12/9/2010

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime to 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 123C #16

October 5, 2010
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1560' FSL & 1740' FWL, Section 5, T-25-N, R-4-W
Rio Arriba County, NM
Lease Number: Jicarilla Contract 123C
API#30-039-21187

Plug and Abandonment Report

Notified JAT - BLM

Plugging Summary:

- 09/29/10 MOL and RU. Check well pressure: casing, 5 PSI; bradenhead, 1 PSI; no tubing in hole. Blow down well. ND wellhead. NU BOP, test. RIH with 2.25" gauge ring; stack out at 1594'. Work down to 1720', unable to get deeper. TOH with gauge ring. Load the hole with 22.5 bbls of water. Establish rate 1-1/2 bpm at 350 PSI with slow bleed off. RIH with 2.25" gauge ring to 3650', unable to work down to 3660'; very sticky. Wayne Townsend and Bryce Hammond, BLM representatives, approved procedure if necessary. TOH with gauge ring. RIH with 2.875" CIBP and set at 3719'. TIH with 113 joints 1.25" IJ tubing and tag CIBP at 3719'. Load the hole with 23 total bbls of water and circulate well clean. SI casing. Attempt to pressure test casing to 500 PSI, bled down to 0 PSI in 10 seconds. TOH and LD tubing. SI well. SDFD.
- 09/30/10 Check well pressure: casing, 1 PSI; bradenhead 0 PSI. RU Basin Wireline. Run CBL. TOC at 3470'. Steve Mason, BLM representative, approved procedure change. **Plug #1a** with CIBP at 3719', spot 7 sxs Class B cement (8.26 cf) inside casing above CIBP up to 3470' to isolate the Pictured Cliffs interval and cover the Fruitland top. TOH with tubing and WOC. RIH with weighted bar and tag cement at 3554'. TIH with tubing; tagged soft cement at 3485'. PUH to 3460'. Clear tubing with 1/2 bbl of water. Reverse circulate with 10 bbls of water. SI well. SDFD.
- 10/01/10 Open well, no pressure. TIH with tubing and tag cement low at 3552'. Establish circulation down tubing and out casing with 4-1/2 bbls of water. **Plug #1b** spot 4 sxs Class B cement (4.72 cf) inside casing from 3552' up to 3470' to cover the Fruitland top. PUH with tubing to 3456' and reverse circulate cement. TOH and WOC. RIH with weighted bar with collar locator; tag cement at 3494'. TOH. Perforate 3 squeeze holes at 3470'. Establish injection rate 1 bpm at 750 PSI. RIH with 2.875" PlugWell wireline CR and set at 3423'. Sting into retainer and establish injection rate. Sting out of CR. Attempt to pressure test casing; leak. **Plug #1c** with CR at 3423', mix and pump 57 sxs Class B cement (67.26 cf), squeeze 43.5 sxs below CR and leave 13.5 sxs inside casing to 2933' to cover the Kirtland and Ojo tops. TOH with tubing. SI well. SDFD.

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Plugging Summary – Continued:

10/04/10 Open well, no pressure. Load casing with 7 bbls of water. Attempt to pressure test casing, leak 1-1/2 bpm at 250 PSI. RIH with bar and collar locator and tag cement at 2839'. Perforate 3 holes at 1960'. Establish rate 1-1/2 bpm at 250 PSI. TIH with 2.875" cement retainer and set at 1910'. Load the hole with 1/4 bbl of water. Attempt to pressure test casing, no test. Sting in to cement retainer.

Plug #2 with cement retainer at 1910', spot 50 sxs Class B cement (59 cf), squeeze 34 sxs outside casing and leave 16 sxs inside casing above cement retainer up to 1302' to cover the Nacimiento top. TOH and LD all tubing. WOC. Load hole with 1-1/2 bbls of water. Pressure test casing to 800 PSI for 5 minutes. RIH with casing collar locator and bar, tag cement at 1303'. Perforate 3 holes at 165'. Establish circulation down casing and out bradenhead with 8 bbls of water.

Plug #3 with 49 sxs Class B cement (57.82 cf) down 2.875" casing from 165' to surface, circulate good cement out the bradenhead.

Dig out cellar. Issue Hot Work Permit. Cut off wellhead. Found cement down 18' in 2.875" casing and at surface in the annulus.

Plug #4 mix and pump 5 sxs Class B cement (5.9 cf) to fill 2.875" casing; install P&A marker.
RD and MOL.

Rod Velarde, JAT - BLM representative, was on location.