

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.

MAR 30 2012

Farmington Field Office
Bureau of Land Management

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)

990' FSL, 1650' FEL, sec. 1, T. 29N., R. 9W.

5. Lease Serial No.

078201-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Riddle A 5

9. API Well No.

30-045-08643

10. Field and Pool, or Exploratory Area

Blanco 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

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ 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 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 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 Riddle A 5 according to the attached report.

RCVD APR 4 '12
OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Collin Placke

Title District Engineer

Signature

Collin Placke

Date 3/27/2012

ACCEPTED FOR RECORD

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

FARMINGTON FIELD OFFICE
SW SM

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Energen Resources

March 9, 2012

Riddle A #5

Page 1 of 2

990' FSL and 1650' FEL, Section 1, T-29-N, R-9-W

San Juan County, NM

Lease Number: 078201-A

API #30-045-08643

Plug and Abandonment Report
Notified NMOCD and BLM on 3/5/12

Plug and Abandonment Summary:

Plug #1 with CIBP at 3008', spot 10 sxs (11.8 cf) class B cement inside casing from 3008' to 2645' to cover the Pictured Cliffs interval and Fruitland tops.

Plug #2 with CR at 2089', mix 145 sxs (111.1 cf) class B cement squeeze 10 sxs inside and 135 sxs outside casing from 2138' to 1799' to cover the Kirtland and Ojo Alamo tops.

Plug #3 with CR at 550' 67 sxs (79.06 cf) class B cement inside casing from 580' to 451' to cover Nacimiento top.

Plug #4 with 145 sxs (171.1 cf) class B cement inside casing from 375' to surface.

Plug #5 with 32 sxs (37.76 cf) class B cement to top of casings and install P&A marker.

Plugging Work Details:

3/5/12 MOL and RU. Check well pressures: tubing 10 psi, casing 45 psi and bradenhead 10 psi. ND wellhead, change out BOP bolts from 900 to 600 series. NU BOP and test. SI well. SDFD.

3/6/12 Check well pressures: tubing 120 psi, casing and bradenhead 5 psi. TOOH and tally 96 joints 1-1/4" tubing with perf sub and bull plug. Round trip 2.25" gauge ring to 3045'. RIH with 2 7/8" wireline CIBP and set at 3008'. TIH open ended with 1 1/4" tubing and tag CIBP at 3008'. Pump 15 bbls water down tubing and establish circulation. Attempt to pressure test casing; leak. Spot Plug #1. SI well. SDFD.

3/7/12 Open up well; no pressures. TIH and cement at 2635'. Attempt to pressure test casing; leak. Perforate 3 HSC holes at 2139'. Establish injection rate into squeeze holes 1.5 bpm at 600 psi. RIH and set cement retainer at 2089'. TIH with tubing and sting into cement retainer at 2089'. Attempt to pressure test above cement retainer, leak. Spot Plug #2. Note: Opened casing valve and flowed back approximately 7 bbls of water. PUH to 826' and circulate well with 15 bbls of water with some cement returns. TOH. SI well. SDFD.

3/8/12 Open up well; no pressures. TIH with tubing and tag cement at 1054'. R. Espinosa, BLM, approved tag. Attempt casing pressure test, leak. Perforate 3 HSC holes at 632'. Establish rate at 2 bpm at 600 psi. RIH and set 2 7/8" set at 582'. Attempt to pressure test casing, leak .5 bpm at 800 psi. Attempt to establish rate into squeeze holes. Sting out of CR and establish circulation out 2 7/8" casing. Sting out of CR and establish circulation. Sting into CR and pressure up to 800#. Unable to establish rate. S. Mason, BLM and B. Powell, NMOCD, approved procedure change. Perforate 3 squeeze holes at 580'. Establish injection rate. Set 2-7/8" CR at 550'. Attempt to pressure test casing; leak. Spot Plug #3. TOH with tubing. 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

Riddle A #5

March 9, 2012

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Plug and Abandonment Summary:

3/9/12 Open up well; no pressures. TIH and tag TOC at 400'. Attempt pressure test casing; leak 1 bpm at 900 psi. Perforate 3 HSC holes at 375'. Establish rate down 2 7/8" casing and out squeeze holes 2 bpm at 700 psi. Circulate hole clean. Spot Plug #4. ND BOP. Fill out Hot Work Permit. Monitor well. Dig out and cut off wellhead. Found cement down 25' in casing and annulus. Install P&A marker. Cut off anchors. MOL.

Ray Espinosa., BLM representative, was on location.