

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 18 2012

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.

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)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1190' FNL, 1090' FEL, Sec. 13, T26N, R5W, N.M.P.M.

5. Lease Serial No.

Jicarilla 108

6. If Indian, Allottee or Tribe Name

Jicarilla

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

8. Well Name and No.

Jicarilla 108 14

9. API Well No.

30-039-06499

10. Field and Pool, or Exploratory Area

S. Blanco PC

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 recompleate 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 recompleation 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 108 #14 per the attached procedure.

RCVD JUL 20 '12
OIL CONS. DIV.
DIST. 314. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Adam Kjem

Title District Engineer

Signature

Date 7/16/2012

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

JUL 19 2012

Approved by

Title

FARMINGTON FIELD OFFICE

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

NMOCU

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 *fax: 505-325-1211

Energen Resources

June 25, 2012

Jicarilla 108 #14

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1190' FNL and 1090' FWL, Section 13, T-26-N, R-5-W
Rio Arriba County, NM
Lease Number: Jicarilla 108
API #30-039-06499

Plug and Abandonment Report
Notified NMOCD and BLM on 6/12/12

Plug and Abandonment Summary:

- Plug #1** with CR at 3813' spot 30 sxs (35.4 cf) Class B cement inside casing from 3813' to 3549' to cover the Pictured Cliffs and Fruitland tops.
- Plug #2** with CR at 3481' pump 141 sxs (166.38 cf) Class B cement inside casing from 3530' to 3102' with 92 sxs outside casing and 6 sxs below CR and 43 sxs above CR, to cover the Kirtland and Ojo Alamo tops.
- Plug #3-1** with CR at 1930' mix and pump 36 sxs Class B cement (42.48 cf) and squeeze below CR with 30 sxs outside casing and 6 sxs below CR. Sting out.
- Plug #3-2** then mix and pump 23 sxs with 2% CaCl above top of CR to 1727' to cover the Nacimiento top.
- Plug #4** with CR at 130' pump 60 sxs (70.8 cf) Class B cement mix and pump 45 sxs with 42 sxs outside 5.5" casing and 3 sxs below CR; then sting out of CR and spot 15 sxs cement to surface.
- Plug #5** pump 16 sxs (18.88 cf) Class B cement; top off casing and annulus then install P&A marker.

Plugging Work Details:

- 6/14/12 MOL and RU. Open up well; no pressures. ND wellhead. NU BOP. TOH and LD 130 joints 1-1/4" EUE tubing, 3867'. SI well. SDFD.
- 6/15/12 Open up well; no pressures. Round trip KOT 2-3/8" workstring and 5.5" string mill to 3844'. PU and TIH with 5.5" DHS cement retainer and set at 3813'. Pressure test tubing to 1000 PSI. Attempt to pressure test casing; leak 1.5 bpm at 700#. Spot plug #1. SI well. SDFD.
- 6/18/12 Open up well; no pressures. Establish rate at 1.5 bpm at 450 PSI. Run in hole and tag cement at 3571'. No Jicarilla BLM representative on location. R. Velarde, JAT BLM, approved tag. Perforate 3 HSC holes at 3530'. TIH with 5.5" DHS CR and set at 3481'. Establish rate of 1 bpm at 1000 PSI. Spot plug #2. PUH to 1891'. SI well. SDFD.
- 6/19/12 Open up well; no pressures. RIH with tubing and tag cement at 3003'. R. Velarde, JAT- BLM representative, approved tag. RIH and perforate 3 squeeze holes at 1990'. TIH with 5.5" DHS CR and set at 1941'. Attempt to pressure test casing to 800#, leak. Sting into CR. Attempt to establish rate; pressured up to 1500# then bled down

to 900#. Pump back up to 1500# and held. Stung out of CR then stung back in. Pressured up to 1000# and pumped up to 1500# then held. R. Velarde, JAT-BLM representative and A. Klem, Energen, approved procedure changes. Spot Plug #3-1.

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Energen Resources
Jicarilla 108 #14

June 25, 2012
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TOH with tubing. Note: JAT-BLM representative told supervisor that NMOCD approval was not required. Supervisor was later advised that NMOCD did in fact need to be notified. Notified B. Powell with NMOCD. NMOCD required that cement on Plug #3-1 be reversed out and a CBL run. Reversed out Plug #3-1 with 30 bbls of water until circulated clean. SI well. SDFD.

6/20/12 Open up well; no pressures. RU Basin Wireline. Run CBL from 1941' to surface. After log was reviewed C. Perrin, NMOCD, R. Velarde, JAT-BLM and A. Klem, Energen, approved procedure change to drill out CR at 1941'. Prepare to drill out CR on 6/21/12. SI well. SDFD.

6/21/12 Open up well; no pressures. Tally 3 - 1/8" drill collars, PU 4 - 3/4" cone bit 6 - 3/8" drill collars. TIH and tag cement retainer at 1941'. Establish circulation with 2.5 bbls of water and drill out DHS CR. RIH with wireline and perforate 3 HSC holes at 1980'. C. Perrin, NMOCD, R. Velarde, JAT-BLM, and A. Klem, Energen, approved procedure change. PU Knight 5.5 tension packer. TIH and set packer at 158'. Attempt to pressure test casing; no test. Hole above packer. Pumped 1 bpm at 300#; slight blow out bradenhead. Released packer. TIH to 1930' and set tension packer 50' above perforations. Establish rate 1.5 bpm at 700#. Release packer and TOH; LD. SI well. SDFD.

6/22/12 Open up well; no pressures. TIH with DHS CR and set at 1930'. Establish rate of 2 bpm at 1000 PSI. Spot plug #3. TOH and WOC. TIH and tag cement at 1799'. RIH and perforate 3 HSC holes at 156'. PU DHS CR and set at 130'. Shut in casing and establish circulation out bradenhead. Spot plug #4. RD tubing equipment. ND BOP and dig out wellhead. Fill out Hot Work Permit. Cut off wellhead. Spot Plug #5 and install P&A marker. SDFD.

6/23/12 RD and MOL.

Rod Verlarde, Jicarilla BLM representative, was on location.