

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

DEC 16 2010

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

2. Name of Operator
ENERGEN RESOURCES CORPORATION

Farmington Field Office
Bureau of Land Management

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)
800' FSL, 800' FEL Section 25, T24N, R03W, Unit P

5. Lease Serial No.

SF - 078914

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Lindrith Unit 60

9. API Well No.
30-039-08074

10. Field and Pool, or Exploratory Area
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 recomplate 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 Lindrith Unit #60 according to the attached procedure.

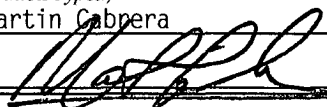
RCVD DEC 22 '10
OIL CONS. DIV.

DIST. 3

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

Martin Cabrera

Signature



Title District Engineer

Date 12/14/10

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

DEC 16 2010

Approved by

Title

Date

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

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.

NMOCD

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Energen Resources Corporation

Lindrith Unit #60

Page 1 of 2

800' FSL & 800' FEL, Section 25, T-24-N, R-3-W

Rio Arriba County, NM

Lease Number: SF-078914

API#30-039-08074

Plug and Abandonment Report

Notified JAT- BLM 11/17/10

Plugging Summary:

- 11/17/10 MOL and RU. Check well pressures: tubing 80 PSI, casing 22 PSI and bradenhead 0 PSI. SI well. SDFD.
- 11/18/10 Check well pressures: tubing 122 PSI, casing 28 PSI and bradenhead 6 PSI. ND wellhead. NU flange and BOP, test. TOH and tally 97 joints 1-1/4" tubing, 3133' KB. RIH with 2-1/4" gauge ring; tight spot at 1750'. Work free and POH. Pump 25 bbls of water down casing 2 bpm at 750 PSI. RIH with 2-1/4" gauge ring to 1750'; unable to get deeper. R. Romero, JAT- BLM, approved procedure change. RIH with tubing and establish circulation down tubing and out casing with 1-1/2" bbls of water. Pump total 30 bbls of water, circulating drilling mud in the returns. Wait 10 minutes and begin pumping again; took 6.5 bbls of water to establish circulation.
Plug #1a mix and pump 24 sxs Class B cement (28.32 cf) inside casing from 3130' to 2258' to fill the Pictured cliffs interval and cover through the Ojo Alamo top. TOH and LD tubing. SI well and WOC. SDFD.
- 11/19/10 Open well and blow down 10 PSI bradenhead pressure. TIH and tag cement below Ojo Alamo at 2726. Establish circulation with 2.5 bbls of water. Attempt to pressure test casing; leak 1 bpm at 750 PSI. Bled down to 0 PSI in 2 minutes.
Plug #1b mix and pump 8 sxs Class B cement (9.44 cf) inside casing from 2726' to 2436' to cover the Ojo Alamo top. PUH and WOC. RIH and tag cement at 2485'. Attempt to pressure test casing; leak 1-1/2 bpm at 500 PSI. Perforate 3 squeeze holes at 1387'. Establish rate into squeeze holes 2 bpm at 500 PSI. RIH and set 2-7/8" wireline set cement retainer at 1337'. Attempt to pressure test casing to 250 PSI; bled down to 0 PSI in 30 seconds. SI well. SDFD.
- 11/22/10 Open up well; no pressure. TIH and tag CR to 1337'. Attempt to pressure test casing; leak. Sting into CR. Attempt to establish rate into squeeze holes; pressured up to 1000 PSI then bled down to 900 PSI in 1 minute. S. Mason, BLM, approved procedure change.
Plug #2 with CR at 1337', spot 7 sxs Class B cement (8.26 cf) with 2% CaCl₂ above from 1337' to 1083' to cover the Nacimiento top. TOH and LD tubing. SI well and WOC. TIH and tag cement at 1249'. Attempt to pressure test casing; leak. Pump 30 bbls with red dye; did not circulate red dye out casing or bradenhead. Circulated drilling mud in returns. R. Romero, BLM, requested procedure change.

Perforate 3 bi-wire squeeze holes at 186'.

Plug #3 mix and pump 65 sxs Class B cement (76.7 cf) down 2.875" casing from 186' to surface. Circulate good cement out bradenhead.

SI well and WOC overnight. SDFD.

11/23/10 Open up well; no pressure. Cement down 15' in 2-7/8" casing. ND BOP. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Tag cement in annulus at 30'.

Plug #4 mix and pump 14 sxs Class B cement (16.52 cf) to top off casing and annulus then set P&A marker. RD equipment and MOL.

Rick Romero, JAT- BLM representative, was on location.