

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

DEC 02 2009

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)

800' FNL, 990' FEL Section 16, T24N, R03W, Unit A

5. Lease Serial No.

SF-078913

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 39

9. API Well No.

30-039-05499

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 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 plans to Plug and Abandon the Lindrith Unit #39 according to the attached procedure.

**H₂S POTENTIAL EXIST**

RCVD DEC 8 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Martin Cabrera

Title District Engineer

Signature

Date 12/01/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

DEC 04 2009

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.

PLUG AND ABANDONMENT PROCEDURE

April 16, 2008

Lindrith Unit #39

South Blanco Pictured Cliffs
800' FNL and 990' FEL, Section 16, T24N, R3W
Rio Arriba County, New Mexico / API 30-039-05499
Lat: N _____ / Lat: W _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare a blow pit. Comply with all State, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

2. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes _____, No X, Unknown _____, Size _____, Length _____
Packer: Yes _____, No X, Unknown _____, Type _____

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. PU approximately 3000' +/- of tubing workstring.

3. **Plug #1 (Pictured Cliffs interval, Fruitland, and Kirtland tops, 3028' – 2745')**: RIH and set a 2.875" wireline CR or CIBP at 3028'. TIH with tubing and tag. Load casing with water and circulate well clean. **Note: Casing leak at 300'**. Mix 10 sxs Class B cement and spot a balanced plug (in 2 stages) above CR or CIBP to isolate the Pictured Cliffs interval then cover through the Kirtland top. TOH with tubing.

4. **Plug #2 (Ojo Alamo top, 2650' – 2550')**: Perforate 3 HSC squeeze holes at 2650'. Set a 2.875" cement retainer at 2614'. Establish rate below CR. Mix and pump 55 sxs Class B cement, squeeze 51 sxs outside the casing and leave 5 sxs inside the casing to cover the Ojo Alamo top. TOH with tubing.

1277 1177

1277

4. **Plug #3 (Nacimiento top, 1494' – 1394')**: Perforate 3 HSC squeeze holes at 1494'. Set a 2.875" cement retainer at 1444'. Establish rate below CR. Mix and pump 55 sxs Class B cement, squeeze 51 sxs outside the casing and leave 5 sxs inside the casing to cover the Nacimiento top. TOH and LD tubing.

5. **Plug #4 (Surface, 300' – Surface)**: Perforate 3 HSC squeeze holes at 300'. Establish circulation to surface out the 2.875" casing and bradenhead valve, circulate the BH annulus clean. Set a 2.875" cement retainer at 250'. Mix approximately 138 sxs Class B cement, squeeze 128 sxs outside the casing and leave 10 sxs inside casing to surface. Shut in well and WOC.

6. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 39 Lindrith Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Nacimiento plug from 1277' – 1177' inside and outside the 2 7/8" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.