

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

APR 26 2013

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

5. Lease Serial No. ~~NMB-078912~~ Fee

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
Lindrith Unit NM 78399A

8. Well Name and No.  
Lindrith Unit Com 91

9. API Well No.  
30-039-21334

10. Field and Pool, or Exploratory Area  
E. Blanco Pictured Cliffs

11. County or Parish, State  
Rio Arriba NM

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)  
1130' FSL, 1800' FWL, Sec. 29, T24N, R02W, N.M.P.M.  
NW/NE  
SESW

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> 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 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 permanently Plugged and Abandoned the Lindrith Unit Com #91 according to the attached procedure.

OCD was notified that bradenhead pressure was 30psi at the beginning of P&A operations. Pressure bled off and did not build back up, so no gas samples were able to be taken. Received verbal authorization to continue P&A activities.

OIL CONS. DIV DIST. 3  
JUL 05 2013

RCVD APR 30 '13  
OIL CONS. DIV.  
DIST. 3

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

Name (Printed/Typed) Collin Placke Title Production Engineer

Signature Collin Placke Date 4/22/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date APR 26 2013

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 BY [Signature]

RECORDED

## A-PLUS WELL SERVICE, INC.

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

Energen Resource Corporation  
Lindrith Unit Com #91

April 4, 2013  
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1130' FSL and 1800' FWL, Section 29, T-24-N, R-02-W  
Rio Arriba County, NM  
Lease Number: Fee  
API #30-039-21334

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 3/28/13

### **Plug and Abandonment Summary:**

- Plug #1** with existing CIBP at 2995' with 12 sxs Class B cement inside casing from 2995' to 2560' to isolate the Pictured Cliffs interval and cover the Fruitland, Kirtland and Ojo Alamo tops.
- Plug #2** with CR at 1382', mix and pump 44 sxs Class B cement, squeeze 35 sxs outside 2-7/8" casing and leave 9 sxs inside casing to cover the Nacimiento top.
- Plug #3** mix and pump 57 sxs Class B cement down 2-7/8" casing from 160' to surface, circulate good cement to pit.
- Plug #4** spot 28 sxs Class B cement to top off surface casing and install P&A marker.

### **Plugging Work Details:**

- 3/28/13 MOL and RU. Check well pressures: casing 50# and bradenhead 20#. Note: no tubing in well. Layout relief lines and blow well down. ND wellhead. NU BOP and test. Change over for 1-1/4" tubing. Round trip 2-1/4" gauge ring to 3030'. PU 2-7/8" wireline CIBP and RIH; set at 3006'. SI well. SDFD.
- 3/29/13 Check well pressures: casing 45# and bradenhead 30#. Blow well down. RU Basin Wireline Truck. Top well off with 17 bbls of water. Run CBL from 3006' (top of existing CIBP) to surface. Log shows TOC at 2350'. No bond from 2350' to 610' and bond from 610' to 210'. No cement to surface. Emailed log to Collin Placke, Energen and Charlie Perrin, NMOCD for review. SI well. SDFD.
- 4/1/13 Open up well; no pressures. Casing on a vacuum. Bradenhead was left open to vent. SI bradenhead for 10 minutes; pressure was 5#. TIH with 92 joints tubing workstring and tag existing CIBP at 2995'. Circulate well clean with 16 bbls of water. Attempt to pressure test casing 750#; leak 1 bpm. Spot Plug #1 with existing CIBP at 2995' with 12 sxs Class B cement inside casing from 2995' to 2560' to isolate the Pictured Cliffs interval and cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing. SI well and WOC. Note: supervisor and 2 hands stayed behind to check bradenhead pressure and catch gas sample. After 2 hours bradenhead pressure was less than 1#; unable to catch sample. SDFD.

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April 4, 2013  
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### Plugging Work Details Cont'd:

- 4/2/13 Check well pressures: casing 0# and bradenhead less than 1#; unable to catch gas sample. TIH with tubing and tag Plug #1 good at 2572'. Attempt to pressure test casing; leak 1 bpm at 750#. C. Perrin, NMOCD, approved to continue P&A as approved. TOH with tubing. Perforate 3 bi-wire squeeze holes at 1382'. PU 2-7/8" wireline cement retainer and RIH; set at 1382'. PU stinger and TIH. Attempt to pressure test casing; same results. Sting into CR and establish rate into squeeze holes 2 bpm at 950#. Plug #2 with CR at 1382', mix and pump 44 sxs Class B cement, squeeze 35 sxs outside 2-7/8" casing and leave 9 sxs inside casing to cover the Nacimiento top. TOH and LD tubing. SI well. SDFD.
- 4/3/13 Check well pressures: casing 23# and bradenhead 0#. Open up well and blow down pressure. TIH with tubing and tag Plug #2 good at 1100'. TOH and LD tubing. Attempt to pressure test casing, leak 1 bpm at 700#. Perforate 3 bi-wire squeeze holes at 160'. Note: John Durham with NMOCD approved procedure change. Perform dye test; bradenhead circulated 1.5 bbls and circulated dye in returns after 9.5 bbls. Note: John Durham approved procedure change. Plug #3 mix and pump 57 sxs Class B cement down 2-7/8" casing from 160' to surface, circulate good cement to pit. SI well and WOC. Dig out wellhead. ND BOP. Issue Hot Work Permit. Cut off wellhead. Found cement at surface in 8-5/8" x 2-7/8" annulus and down 46' in 2-7/8" casing. RD rig and equipment. Plug #4 spot 28 sxs Class B cement to top off surface casing and install P&A marker. SDFD.
- 4/4/13 MOL.
- John Durham, NMOCD representative, was on location.