

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSE078912
2. Name of Operator Energen Resources Corporation		6. If Indian, Allottee or Tribe Name ROUD SEP 29 '14 OIL CONS. DIV.
3a. Address 2010 Afton Place, Farmington, NM 87401	3b. Phone No. (include area code) 505.325.6800	7. If Unit or CA/Agreement, Name and/or No. Lindrith Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 900' FSL 1700' FWL, Sec. 12 T24N R03W, N.M.P.M. (N) SE/SW		8. Well Name and No. Lindrith Unit 77
		9. API Well No. DIST. 3 30-039-20919
		10. Field and Pool, or Exploratory Area E. Blanco 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	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 recomplete 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 #77 according to the attached report.

ACCEPTED FOR RECORD

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

SEP 25 2014

FARMINGTON FIELD OFFICE
BY: T. Salvors

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Anna Stotts	Title Regulatory Analyst
Signature <u>Anna Stotts</u>	Date 9/16/14

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	

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.

A-PLUS WELL SERVICE, INC.

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

Energen Resources Corporation
Lindrieth Unit #77

September 12, 2014
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900' FSL and 1700' FWL, Section 12, T-24-N, R-03-W
Rio Arriba County, NM
Lease Number: NMSF-078912
API #30-039-20919

Plug and Abandonment Report
Notified NMOCD and BLM on 09/5/14

Plug and Abandonment Summary:

- Plug #1** with 20 sxs (23.6 cf) Class B cement inside casing from 3277' to 2551' to cover the Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC low at 2874'. ✓
- Plug #1a** with 17 sxs (20.06 cf) Class B cement inside casing from 2874' to 2257' to cover the Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2236'. ✓
- Plug #2** with 14 sxs (16.52 cf) Class B cement with 2% CaCl inside casing from 1498' to 990'. Tag TOC at 1068'. ✓
- Plug #3** with 64 sxs (75.52 cf) Class B cement inside casing from 181' to surface to cover the surface casing shoe. Tag TOC at 6'. ✓
- Plug #4** with 8 sxs Class B cement top off casings and install P&A marker with coordinates 36° 19' 13" N/107° 6' 42" W. ✓

Plugging Work Details:

- 9/9/14 Rode rig and equipment to location. Spot in and RU. Check well pressures: no tubing, casing on vacuum and bradenhead 0 PSI. RU relief lines. Hammer off 1-1/4" tubing head cap. Screw on A-Plus 2-7/8" companion flange. NU BOP and function test. PU and tally A-Plus 1-1/4" workstring IJ, 2.1#, J-55 101 joints total 3277'. Establish circulation. Spot plug #1 with calculated TOC at 2551'. Basin Wireline ran CBL on 9/5/14. Note: B. Powell, NMOCD and J. Hangstrom, BLM approved procedure change due to Basin Wireline GR stacked out at 2470'. SI well. SDFD.
- 9/10/14 Open up well; no pressures. RU A-Plus wireline. PU 2-7/8" GR. RIH and tag TOC low at 2874'. Attempt to pressure test casing to 800 PSI, leak. Note: K. Mason, Energen and J. Hangstrom, BLM approved procedure change. TIH open-ended to 1648'. SD while welding on float #130. Tag TOC at 2874'. Establish circulation. Spot plug #1a with TOC at 2257'. Reverse circulate. Establish circulation with 1 bbl; pump additional 4 bbls to circulate clean returns PUH to 1422'. SI well. SDFD.
- 9/11/14 Open up well; no pressures. TIH and tag TOC at 2236'. Establish circulation. Pressure test casing to 800 PSI, no test. RU A-Plus wireline. Perforate 3 bi-wire holes at 1448'. Attempt to establish rate pressure up to 800 PSI, no rate. Note: called K. Mason, Energen. According to CBL there was ratty cement around 1448'. Note: T. Saylers, BLM and K. Mason, Energen approved to pump 500' plug and WOC. ✓ K. Mason, Energen received verbal approval from B. Powell, NMOCD. Establish circulation. Spot plug #2 with calculated TOC at 990'. WOC. RU A-Plus wireline. PU sinker bar. RIH and tag TOC at 1068'. Perforate 3 bi-wire holes at 181'. Establish circulation. ND BOP and companion flange. Spot plug #3 with TOC at surface. SI well. SDFD.

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Lindrith Unit #77

September 12, 2014

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Plugging Work Details (continued):

9/12/14 Open up well; no pressures. Fill out Hot Work Permit. Check for LEL, no LEL. Cut off wellhead. Found cement at surface in 8-5/8" casing and down 6' in 2-7/8" casing. Spot plug #4 and install P&A marker with coordinates 36° 19' 13" N/107° 6' 42" W. RD and MOL. ✓

John Hangstrom, BLM representative was on location. ✓