Form 3160-5
(September 2001)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

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. I:	f Indian,	Allottee	or Tribe	Name

abandoned well. Use Fon				
SUBMIT IN TRIPLICATE - Other instructions on reverse side			7. If Unit or CA/Agreement, Name and/or No. Lindrith Unit	
Type of Well     Oil Well				8. Well Name and No. Lindrith Unit 110  9. API Well No.
3a. Address		3b. Phone No. (include are	ea code)	30-039-23027
2198 Bloomfield Highway, Farmington	, NM 87401			10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)			South Blanco Pictured Cliffs	
1000' FSL, 1560' FEL, Sec. 2, T24N, R3W, N.M.P.M.				
			11. County or Parish, State	
				Rio Arriba NM
<ol><li>12. CHECK APPROPRIATE</li></ol>	BOX(ES) TO IN	DICATE NATURE OF N	NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent	Acidize	Deepen	Production	n (Start/Resume) Water Shut-Off
	Alter Casing	Fracture Treat	Reclamati	on Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomple	te Other
	Change Plans	X Plug and Abandon	Temporar	ily Abandon
Final Abandonment Notice	Convert to Inject		Water Dis	
13. Describe Proposed or Completed Operation (clear If the proposal is to deepen directionally or recom Attach the Bond under which the work will be pe	plete horizontally, give :	subsurface locations and meas	sured and true ve	rtical depths of all pertinent markers and zones.

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.)

This well was plugged & abandoned on 9/3/04 as per the attached plugging summary.

RECEIVED 070 FARMINGTON IIII

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Don Graham	Title Production Superintendent
1 4	Date 9/16/04
THIS SPACE FOR FEDERAL	L OR STATE OFFICE USE
Approved by	Title Date ACCEPTED FOR RECORD
Conditions of approval, if any, are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject leas which would entitle the applicant to conduct operations thereon.	or Office
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for an	iny person knowingly and willfully to make to any department or agency of the United

## A-PLUS WELL SERVICE, INC.

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

Energen Resources Corp. Lindrith Unit #110

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1000' FSL & 1560' FEL, Section 2, T-24-N, R-3-W Rio Arriba County, NM Lease Number: SF-078911 API #30-039-23027

Plug & Abandonment Report

**Summary:** 

Notified BLM 8/31/04

8/31/04 MOL & spot rig.

9/1/04 RU rig. Lay relief line to pit. Well pressures: 0# tubing, 75# casing, 60# bradenhead. ND wellhead. NU BOP, test. TOH with 102 stands 1-1/4" EUE tubing. Round trip 3.5" wireline gauge ring to 3190'. Set 4-1/2" wireline CR at 3180'. TIH with tubing and tag CR. Load casing and circulate well with 55 bbls of water. Attempt to pressure test casing to 500#, leak 1 bpm at 600#.

**Plug #1** with CR at 3180', spot 50 sxs Type III cement (66 cf) inside casing above CR up to 2443' to isolate the Pictured Cliffs perforations and to cover the Fruitland, Kirtland and Ojo Alamo tops. PUH and WOC.

9/2/04 Well pressures: 0# tubing & casing, 30# bradenhead. TIH and tag cement at 2478'. Attempt to pressure test casing to 500#, bled down 0# in 15 seconds. TOH with tubing, LD 3 joints filled with cement. Perforate 3 holes at 1325'. RIH with 3.625" wireline gauge ring to 1280'. Set 4-1/2" wireline CR at 1275'. TIH with stinger and tag CR. Circulate annulus clean with 20 bbls water. Attempt to pressure test casing to 500#, bled down to 0# in 15 seconds. Sting into CR and establish rate of 1 bpm at 500#.

**Plug #2** with CR at 1275', mix and pump 51 sxs Type III cement (67 cf), squeeze 35 sxs outside the casing and leave 16 sxs inside casing up to 1098' to cover the Nacimiento top. TOH and LD tubing.

9/3/04 TIH and tag cement at 1098'. Attempt to pressure test to 500#, leak 1 bpm at 500#. TOH and LD tubing. Perforate 3 squeeze holes at 187'. Establish circulation to surface out the bradenhead.

**Plug #3** with 55 sxs Type III cement (73 cf) pumped down the 4-1/2" casing from 187' to surface, circulate good cement out bradenhead valve. Shut in and WOC. ND BOP. Dig out and cut off wellhead. Found cement down 20' in 4-1/2" casing and down 5' in the annulus. Mix 10 sxs Type III cement to fill casings and install P&A marker. RD. MOL.

Rick Romero, BLM representative, was on location.