

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

**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 reverse side**

**RECEIVED**  
**MAR 03 2008**  
Bureau of Land Management  
Farmington Field Office

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)  
**1650' FNL, 790' FWL, Sec. 12, T25N, R3W, N.M.P.M.  
(EO SW/NW**

5. Lease Serial No.  
**NMM 014856**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**McCroden 7**

9. API Well No.  
**30-039-23555**

10. Field and Pool, or Exploratory Area  
**Basin Fruitland Coal**

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 type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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.)

Engergen Resources plugged and abandoned the McCroden #7 according to the attached procedure.  
2/8/08

**RCVD MAR 5 '08**  
**OIL CONS. DIV.**  
**DIST. 3**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Vicki Donaghey** Title **Regulatory Analyst**

*Vicki Donaghey* Date **02/29/08**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date **MAR 03 2008**

Office **FARMINGTON FIELD 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** *B*

# A-PLUS WELL SERVICE, INC.

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

Energen Resources Corporation  
**McCroden #7**

February 11, 2008  
Page 1 of 2

1650' FNL & 790' FWL, Section 12, T-25-N, R-3-W  
Rio Arriba County, NM  
Lease Number: NMNM 014856  
API #30-039-23555

## Plug and Abandonment Report

Notified Farmington BLM on 2/1/08

### Work Summary:

02/01/08 MOL and RU.

02/05/08 Check well pressures: casing, 60 PSI; tubing, 20 PSI. Blow well down. Pressure test tubing to 1000 PSI, held OK. RU rod tools, unseat pump. TOH with 151 – 3/4" rods, 1 polish rod and 1 – 8' pony rod, 2 "K" bars, 1 pump. Lay relief lines to pit. ND wellhead. NU BOP, test. Shut in well. SDFD.

02/06/08 Open well, no pressure. PU on tubing. Remove hanger. TOH and tally with 62 stands, 3823' total. LD 1 – 15' mud anchor. PU new 3.875" bit with bit sub. PU 4 – 3.125" drill collars and cross over. TIH with 61 stands. LD tongs. PU swivel and 1 joint. PU 1 joint with swivel and tag CIBP at 3870'. Load hole with 80 bbls of water. Attempt to load 4.5" casing with water, no circulation. Start drilling CIBP pump 1/2 bpm at 200 PSI to 300 PSI. Started circulating slightly. Drilled out CIBP at 3870'. PU 3 joints with swivel with 30' stick up. Tag existing CIBP at 3930'. Felt like fill, unable to circulate down or able to circulate fill out. LD swivel. PU tongs. POH with 40 stands. Shut in well. SDFD.

02/07/08 Open well, no pressure. Load bradenhead with 10 bbls of water. Pressure test to 300 PSI, held OK. Finish POH with tubing. LD 4 – 3.125" drill collars. TIH with tubing to 3930' and tag. Load hole with 80 bbls of water. No circulation out casing.  
**Plug #1** with existing CIBP at 3930', mix and pump 60 sxs Type III cement (80 cf) with 1% CaCl on last 33 sxs inside casing from 3930' up to 3382' to further isolate the Mesaverde interval and fill the Pictured Cliffs and Fruitland Coal perforations and to cover the Kirtland and Ojo Alamo tops.  
Established circulation after pumping 8 bbls displacement. PUH to 3029'. WOC. TIH with 49 stands with 3' plugging sub and tag cement at 3183'. Load hole with 60 bbls of water. Pressure test to 500 PSI, held OK. PUH to 2217'.  
**Plug #2** spot 12 sxs Type III cement (16 cf) inside the casing from 2217' up to 2036' to cover the Nacimiento top.  
TOH and LD all tubing. Shut in well and WOC overnight.

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February 11, 2008

Page 2 of 2

**Work Summary – Continued:**

02/08/08 Open well, no pressure. Perforate 3 holes at 363'. Load hole with 20 bbls of water. Attempt to establish circulation out bradenhead, no circulation or blow. Connect pump to bradenhead and pressured up to 300 PSI with ½ bbl of water. TIH with tubing to 425'. Load casing with 1-1/2 bbl of water.

**Plug #3** spot 18 sxs Type III cement (24 cf) with 2% CaCl<sub>2</sub> inside casing from 424' up to 152'.

TOH and LD all tubing. Shut in well. WOC. TIH with wireline and tag cement at 160'. Perforate 3 holes at 140'. Load hole with water and establish circulation.

**Plug #4** mix and pump 47 sxs Type III cement (63 cf) down the 4.5" casing from 140' to surface, circulate good cement returns out bradenhead.

Shut in well. ND BOP. Dig out wellhead, ground frozen. Cut off wellhead. Found cement at surface in both the 4.5" casing and in the bradenhead.

Mix 20 sxs Type III cement and install P&A marker.

02/11/08 RD and MOL.

Virgil Lucero and Al Atencio, BLM representatives, were on location.