

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

RECEIVED

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

MAY 20 2009

SUBMIT IN TRIPLICATE - Other instructions on page 2 of Land Management Farmington Field Office

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSE076337
2. Name of Operator Energen Resources Corporation		6. If Indian, Allottee or Tribe Name
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.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1,090' FSL & 850' FWL, Sec: 09, T: 27N, R: 9W, Unit: M		8. Well Name and No. Duff #3
		9. API Well No. 30-045-20139
		10. Field and Pool, or Exploratory Area Blanco Pictured Cliffs
		11. County or Parish, State San Juan 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 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.)

The Duff #3 was plugged and abandoned on 05/04/09 according to the attached procedure.

RCVD MAY 22 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Vicki Donaghey	Title Regulatory Analyst
Signature Vicki Donaghey	Date 05/19/09

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date MAY 22 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	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

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Energen Resources Corporation

Duff #3

May 11, 2009

Page 1 of 2

1090' FSL & 850' FWL, Section 9, T-27-N, R-9-W

San Juan County, NM

Lease Number: NMSF-076337

API #30-045-20139

Plug & Abandonment Report

Plugging Summary:

Notified BLM and NMOCD on 4/29/09

4/30/09 MOL. Rig up rig and equipment. Check well pressures: casing, 55 PSI; bradenhead, 30 PSI; and tubing, 5 PSI. Blow well down. NU BOP and test. TOH and tally 94 joints of 1.25" tubing; total 3024'. Shut in well. SDFD.

5/04/09 Check well: casing, 55 PSI; bradenhead, 5 PSI. Blow well down. Round trip 2.25" gauge ring to 3000'. RIH with 2.875" PlugWell wireline CIBP and set at 2958'. TIH with tubing and tag CIBP at 2958'. Pump 12 bbls of water to establish circulation out casing valve. Pump additional 17 bbls of water to circulate well clean. Attempt to pressure test casing to 1000 PSI; bled down to 0 PSI in less than 15 seconds. **Plug #1** with CIBP at 2958', spot 16 sxs Class B cement (18.88 cf) with 2% CaCl₂ inside 2.875" casing above the CIBP up to 2400' to isolate the Pictured Cliffs interval and cover the Fruitland top.

PUH and WOC.

RIH and tag top of cement at 2373'. Attempt to pressure test casing to 1000 PSI; bled down to 0 PSI in 15 seconds. Perforate 3 – bi-wire squeeze holes at 1879'. Establish initial rate into squeeze holes at 1.5 bpm at 600 PSI. After pumping 7 bbls of water rate decreased to ¼ bpm at 1000 PSI with slight blow out bradenhead. Pump down bradenhead 1.5 bpm at 250 PSI; no blow out casing. RIH and set 2.875" PlugWell wireline cement retainer at 1850'. TIH with tubing and sting into CR at 1850'. Establish injection rate ¼ bpm at 500 PSI with light blow out bradenhead.

Plug #2 with CR at 1850', mix and pump 92 sxs Class B cement (108.56 cf), squeeze 84 sxs under the CR from 1879' to 1555' outside the 2.875" casing and leave 8 sxs above the CR inside casing up to 1555' to cover the Kirtland and Ojo Alamo tops.

Note: water returns out bradenhead after pumping approximately 45 sxs below the CR. TOH and LD tubing. Shut in well. SDFD.

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Energen Resources Corporation
Duff #3

May 11, 2009
Page 2 of 2

Plugging Summary Continued:

5/05/09 Check well: casing, 7 PSI; bradenhead on a vacuum. Attempt to pressure test casing to 1000 PSI; bled down to 0 PSI in 15 seconds. RIH with wireline and tag cement from plug #2 at 1491'. Perforate 3 bi-wire holes at 455'. Establish injection rate 2 bpm at less than 50 PSI with blow out bradenhead. Shut in bradenhead. Establish injection rate ¼ bpm at 600 PSI. Open bradenhead and bleed off pressure. RIH and set 2.875" PlugWell wireline set cement retainer at 406'. TIH with tubing and sting into CR. Establish returns out bradenhead.

Plug #3a with CR at 406', mix 40 sxs Class B cement (47.2 cf) with 2% CaCl₂, squeeze 37 sxs outside 2.875" casing from 455' to 297' and leave 3 sxs above CR to cover the Nacimiento top.

Displace with ¾ bbl of water. LD 5 joints tubing and reverse circulate 2.875" casing clean at 266'.

TOH and LD tubing. Shut in well and WOC. Attempt to pressure casing; leak ¼ bpm at 600 PSI with blow out bradenhead. RIH and tag cement low at 363'. Pump 10 bbls of water down casing; circulate dirty returns out bradenhead. Shut in bradenhead. Injection rate ¼ bpm at 600 PSI. Wanda Weatherford, BLM representative, approved procedure change.

Plug #3b mix 37 sxs Class B cement (43.66 cf) and pump down the 2.875" casing out the casing leak at an unknown depth.

Displace cement in casing to 260' with 1.5 bbls water; squeeze 34 sxs outside 2.875" casing and leave 3 sxs inside casing. Shut the casing valve and then pressured up on the bradenhead up to 750 PSI. Shut the BH valve with 500 PSI. WOC. SDFD.

5/06/09 Check well pressures: casing, 0 PSI; bradenhead on a vacuum. Pressure test 2.875" casing to 1000 PSI, held OK. Pressure test bradenhead to 500 PSI, held OK. RIH with wireline and tag cement at 167'. Steve Mason with BLM approved the following procedure. Perforate 3 bi-wire squeeze holes at 160'. Establish circulation down the casing and out the bradenhead valve. ND BOP. Install cementing valve.

Plug #4 mix 48 sxs Class B cement (56.64 cf) and pump down the 2.875" casing from 160' surface, circulate good cement out the bradenhead valve.

Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement at surface. Mix 10 sxs Class B cement and install P&A marker.

RD rig. Road rig and equipment to A-Plus Yard.

Wanda Weatherford, BLM representative, on location.