

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 13 2012

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.

Farmington Field Office  
Bureau of Land Management

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

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

850' FNL, 987' FWL, Sec. 22, T30N, R04W, N.M.P.M.

5. Lease Serial No.

SF-079487

6. If Indian, Allottee or Tribe Name

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

San Juan 30-4 Unit

8. Well Name and No.

San Juan 30-4 Unit 21

9. API Well No.

30-039-07813

10. Field and Pool, or Exploratory Area

East 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

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

BP

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ 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 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.)

Energen Resources permanently Plugged and Abandoned the San Juan 30-4 #21 according to the attached procedure

RCVD AUG 15 '12  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Collin Placke

Title District Engineer

Signature

*Collin Placke*

Date 8/8/2012

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

AUG 14 2012

Approved by

Title

FARMINGTON FIELD OFFICE

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

NMOC

AV

# **A-PLUS WELL SERVICE, INC.**

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

Energen Resources  
**San Juan 30-4 Unit 21**

July 24, 2012  
Page 1 of 1

850' FNL and 987' FWL, Section 22, T-30-N, R-4-W  
Rio Arriba County, NM  
Lease Number: SF-079487  
API #30-039-07813

## **Plug and Abandonment Report** Notified NMOCD and BLM on 7/17/12

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

**Plug #1 & #2** combined pump 80 sxs (94.4 cf) Class B cement inside casing from 4261' to 3555' to cover the Pictured Cliffs interval, Fruitland top Kirtland and Ojo Alamo tops.

**Plug #3** pump 65 sxs (76.7 cf) Class B cement inside casing from 2641' to 2450' leaving 6 sxs below, 43 sxs outside the 5.5" and 16 sxs above the CR to cover the Nacimiento top.

**Plug #4** pump 85 sxs (100.3 cf) Class B cement inside casing from 175' to surface to cover the casing shoe.

**Plug #5** pump 37 sxs Class B cement to install P&A marker.

### **Plugging Work Details:**

7/18/12 Rode equipment to location. Spot in and SDFD.

7/19/12 Check well pressures: tubing 140 PSI, casing 140 PSI and bradenhead 0 PSI. ND the wellhead. NU BOP and function test. TOH and tally to 4508'. PU 5.5" string mill and TIH to 4292'. TOH and LD string mill. PU 5.5" DHS CR and TIH to 4261'; set. Pressure test to 1250 PSI OK. Circulate well clean at 100 bbls. Attempt to pressure test casing; leak. SI well. SDFD.

7/20/12 Open up well; no pressures. Spot plug #1 & #2 combined. B.Powell, NMOCD and M. Gilbreath, BLM approved procedure change. TOH and LD setting tool. WOC. TIH and tag cement at 3551'. Attempt pressure test casing up to 700 PSI; bled off to 450 PSI in 3 min. TOH. Perforate 3 HSC holes at 2641'. PU 5.5" DHS CR and attempt to RIH; CR wouldn't go into casing. SI well. SDFD.

7/23/12 Check well pressures: casing 3 PSI, no tubing and bradenhead 0 PSI. TIH and set DHS CR at 2591'. Attempt casing test pressure up to 700 PSI bleeds off to 450 PSI in 3 mins. Establish rate of 1 bpm at 1250 PSI. Spot plug #3 LD joints. TIH and tag cement at 2438' TOH and LD all tubing. SI well. SDFD.

7/24/12 Check well pressures: no tubing, casing 2 PSI and bradenhead 0 PSI. Attempt to pressure test casing to 700 PSI, bled to 450 PSI in 3 min. Perforate 3 HSC holes at 175'. Establish rate of 2 bpm at 900 PSI. Circulate well clean. Spot plug #4. RD tubing equipment. Dig out wellhead. Write Hot work permit and cut off wellhead. Found cement down 18' in casing and at surface in annulus. Spot plug #5. Install P&A marker. RD and MOL.

Michael Gilbreath, BLM, representative was on location.