

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

FEB 05 2008

2. Name of Operator

ENERGEN RESOURCES CORPORATION

Bureau of Land Management
Farmington Field Office

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)

1565' FSL, 1140' FWL, Sec. 10, T26N, R08W N.M.P.M.
(L) NW/SW

5. Lease Serial No.

NMSF-078430

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Newsom A #4

9. API Well No.

30-045-20115

10. Field and Pool, or Exploratory Area

Basin Dakota

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

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <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.)

Engeren Resources plugged and abandoned the Newsom A #4 according to the attached procedure.

RCVD FEB 8 '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

Date

01/31/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

FEB 07 2008

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
Newsom A #4

January 18, 2008
Page 1 of 3

1565' FSL & 1140' FWL, Section 10, T-26-N, R-8-W
San Juan County, NM
Lease Number: SF 078430
API #30-045-20115

Plug and Abandonment Report

Notified BLM and NMOCD on 1/2/08

Work Summary:

01/03/08 MOL and RU. Lockout / tagout at meter run. Check well pressures: casing, 105 PSI; tubing, 590 PSI; and bradenhead, 110 PSI. Blow well down. ND wellhead. NU BOP, test. TOH and tally 24 stands 2.375" EUE J-55 tubing. Shut in well. SDFD.

01/04/08 Check well pressures: casing, 85 PSI; tubing, 100 PSI; bradenhead, 85 PSI. Blow well down to pit. TOH and tally 183 joints 2.375" EUE J-55 tubing, SN, 8' x 2.375" perf sub and 1 joint 2.375" EUE J-55 tubing. Round trip 4.5" casing scraper to 7070'. TIH with 4.5" DHS CR to 6500' and leave CR hanging. Shut in well. SDFD.

01/07/08 Check well pressures: casing, 100 PSI; tubing, 25 PSI; bradenhead, 90 PSI. Blow well down to pit. Clear snow from walkways and work areas. TIH with 4.5" DHS CR to 7070'. Test pop off valve, OK. Load tubing with 35 bbls. Unable to set CR. Load casing with 30 bbls of water. Set CR at 7070'. Load tubing with 17 bbls of water. Pressure test tubing to 1000 PSI, held OK. Release and sting out of CR. Load hole with 40 bbls of water. Circulate hole clean with additional 80 bbls of water. Attempt to pressure test casing, pumped 1 bpm at 400 PSI. TOH with 5 stands tubing. Shut in well. SDFD.

01/08/08 Check well pressures: casing and bradenhead, 60 PSI; tubing, 0 PSI. Blow well down to pit. Clear snow from rig. TIH with 5 joints 2.375" EUE tubing, EOT at 7068'. Load tubing with 60 bbls of water, no circulation out casing valve. Attempt to TIH, stacked out on CR at 7070'. Sting out of CR, EOT at 7068'. Load 10 bbls of water. Procedure change approved by Lester Jaramillo, BLM, to spot 400' plug on CR at 7070'. **Plug #1** with CR at 7070', mix and pump 27 sxs Type III cement (36 cf) inside casing from 7070' up to 6670' to isolate the Dakota interval, establish circulation, full returns; displacement rate 12 bpm. TIH with tubing and plugging sub and tag cement at 6676'. PUH to 6233'. Shut in well. SDFD.

A-PLUS WELL SERVICE, INC.

Work Summary – Continued:

01/09/08 Check well pressures: casing and tubing, 0 PSI; bradenhead, 30 PSI. Blow well down, EOT at 6233'. Load hole with 5 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 100 PSI in 1 minute. Pump 20 bbls of water down bradenhead at 2 bpm at 0 PSI. Load tubing with 15 bbls of water.

Plug #2 spot 20 sxs Type III cement (27 cf) inside the casing from 6233' up to 5939' to cover the Gallup top.

PUH and WOC. TIH with tubing to 5940'. PUH to 4403'. Load casing with 4 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 100 PSI in 1 minute

Plug #3 spot 20 sxs Type III cement (27 cf) inside the casing from 4403' up to 4109' to cover the Mesaverde top.

PUH and WOC overnight.

01/10/08 Open well, no pressure. Note: slight blow on bradenhead. TIH and tag cement from Plug #3 at 4124'. PUH to 2832'. Load casing with 6 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 50 PSI in 1 minute. RU BlueJet wireline.

Run CBL from 3000' to 0'. Good cement in annulus over Pictured Cliffs and Fruitland formation tops. Lester Jaramillo, BLM, approved procedure change to spot inside plug over Pictured Cliffs and Fruitland tops. RD wireline. TIH with plugging sub to 2832'.

Load tubing with 10 bbls of water.

Plug #4 spot 30 sxs Type III cement (40 cf) inside the casing from 2832' up to 2390' to cover the Pictured Cliffs and Fruitland tops.

PUH and WOC overnight.

01/14/08 Open well, no pressure. Note: slight blow on bradenhead. Load hole with 1-1/2 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 0 PSI in 30 seconds. TIH and tag cement from Plug #4 at 2445'. PUH to 2201'. Load hole with 11-1/2 bbls of water.

Plug #5 spot 30 sxs Type III cement (40 cf) inside the casing from 2201' up to 1759' to cover the Kirtland and Ojo Alamo tops.

TOH with tubing. WOC. TIH with tubing and tag cement at 1882'. John Coy, BLM, requested 10 sxs cement on top of plug #5. Circulate 20 bbls of water out tubing.

Found cement in returns. Load tubing with 5 bbls of water. Establish rate 1/2 bpm at 500 PSI.

Plug #5a spot 10 sxs Type III cement (14 cf) inside the casing from 1882' up to 1735' to cover the Ojo Alamo top.

PUH and WOC overnight.

Work Summary – Continued:

01/15/08 Open well, no pressure. Note: slight blow on bradenhead. TIH and tag cement from Plug #5a at 1788'. PUH to 817'. Load hole with 2 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 0 PSI in 1 minute. TOH and LD tubing. John Coy, BLM, approved procedure change. Perforate 3 holes at 900'. Load hole with 1-1/2 bbl of water. Attempt to establish rate into squeeze holes pressure up to 600 PSI, bled down to 0 PSI in 1 minute. Wait on orders. TIH and set 4.5" DHS CR at 817'. Sting out of CR. Load the hole with 1/2 bbl of water. Attempt to pressure test casing to 600 PSI, bled down to 0 PSI in 1 minute. Sting into CR. Attempt to establish rate into squeeze holes at 900 PSI, pressure up to 1200 PSI, bled down to 800 PSI and held. Unable to establish rate. Sting out of CR. Procedure change approved by John Coy and J. Lovato, BLM representatives.

Plug #6 with CR at 817', mix and pump 14 sxs Type III cement (19 cf) with 2% CaCl₂ inside the casing from 817' up to 611' to cover the Nacimiento top.

Reverse circulate. TOH with tubing. WOC. Load the hole with 1 bbl of water. Attempt to pressure test casing to 500 PSI, bled down to 0 PSI in 1 minute. TIH with wireline and tag cement from Plug #6 at 700'. Perforate 3 holes at 420'. TOH and LD all tubing. Establish circulation out the bradenhead with 2 bbls of water.

Plug #7 mix and pump 147 sxs Type III cement (194 cf) down the 4.5" casing from 420' to surface, circulate good cement returns out bradenhead with 134 sxs, shut in bradenhead, and squeeze 13 sxs down the casing. Locked up at 1100 PSI. Shut in well. SDFD.

01/16/08 Open well, no pressure. Found cement at the surface in the 4.5" casing. ND BOP, cemented to wellhead. PU BOP with blocks. Chip cement from BOP. Dig out wellhead, ground frozen. Monitor atmosphere with gas monitor. Issue Hot Work Permit. Cut off wellhead. Found cement at surface in the bradenhead. Mix 30 sxs Type III cement and install P&A marker. Unable to RD; high wind speeds. SDFD.

01/17/08 RD and MOL.

Lester Jaramillo, John Coy, and Wanda Weatherford, BLM representatives were on location.