

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

NOV 13 2007

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ENERGEN RESOURCES CORPORATION

3a. Address
2198 Bloomfield Highway, Farmington, NM 87401

Bureau of Land Management
3b. Phone Number (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

5. Lease Serial No.

SF 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.

3004520115

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.)

Energren Resources intends to Plug and Abandon the Newsom A 4 according to the attached procedure.

RCUD NOV 27 '07
OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Kirt Snyder

Title

District Engineer

Date

11/9/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

NOV 26 2007

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

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.

NMOC

PLUG AND ABANDONMENT PROCEDURE

November 8, 2007

Newsom A #4

Basin Dakota

1565' FSL & 1140' FWL, Section 10, T26N, R8W

San Juan County, New Mexico, API #30-045-20115

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare and line a waste fluid pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. TOH and visually inspect the 1.5" tubing, SN @ 7236', total 7249'. If necessary, LD tubing and PU a 2" workstring. Round trip a 4.5" casing scraper or wireline gauge ring to 7065'.
4. **Plug #1 (Dakota perforations and top, 7065' – 6965')**: TIH and set 4.5" CR at 7065'. Pressure test the 1.5" tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 500#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 11 sxs Type III cement and spot a balanced plug inside casing to isolate the Dakota interval. PUH.
5. **Plug #2 (Gallup top, ⁶²³³6326' – ⁶¹³³6226')**: Mix 11 sxs Type III cement and spot a plug inside the casing to cover the Gallup top. PUH.
6. **Plug #3 (Mesaverde top, 4403' – 4303')**: Mix 11 sxs Type III cement and spot a plug inside the casing to cover the Mesaverde top. PUH.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 2830' – 2500')**: Mix 26 sxs Type III cement and spot a plug inside the casing to cover through the Fruitland top. PUH.
8. **Plug #5 (Kirtland and Ojo Alamo tops, ²⁴⁹⁰2420' – ¹⁸⁵⁸1839')**: Mix 23 sxs Type III cement and spot a plug inside the casing to cover through the Ojo Alamo top. PUH.
9. **Plug #6 (Nacimiento top, ^{910'}880' – ^{810'}780')**: Mix 11 sxs Type III cement and spot a plug inside the casing to cover the Nacimiento top. PUH to 420'.
10. **Plug #7 (8.625" Surface Casing, 420' – Surface)**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 35 sxs Type III cement and spot a balanced plug from 420' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing and the bradenhead annulus.
11. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 4 Newsom A

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Gallup plug from 6233' – 6133'.
 - b) Place the Kirtland/Ojo Alamo plug from 2190' – 1858'.
 - c) Place the Nacimiento plug to 910' – 810'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.