

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

SEP 12 2008

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

2010 Afton Place, Farmington, NM 87401

3b. Phone No. (include area code)

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

990' ENL, 790' FEL, Sec. 6, T25N, R6W NMPM

5. Lease Serial No.

NM-71708

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Dufers #1

9. API Well No.

30-045-28954

10. Field and Pool, or Exploratory Area

Dufers Pt. Gallup 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.)

Energen Resources Plans to Plug and Abandon the Dufers #1 according to the attached procedure.

RCVD SEP 18 '08
OIL CONS. DIV.
DIST. 3

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

Name (Printed/Typed)

Kirt Snyder

Title District Engineer

Signature

Date 9/9/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 17 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

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.

NMCCD

PLUG AND ABANDONMENT PROCEDURE

March 27, 2008

Dufers #1

Dufers Point Gallup / Dakota
990' FNL & 790' FEL, Section 6, T25N, R8W
San Juan County, New Mexico, API #30-045-28954

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 G, mixed at 15.8 ppg with a 1.15 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 2.375" tubing, SN @ 6355', total 6386'. If necessary, LD tubing and PU workstring. Round trip a 4.5" casing scraper or wireline gauge ring to 6262'.
4. **Plug #1 (Dakota perforations and top, 6262' – 6162')**: TIH and set 4.5" CR at 6262'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Mix 12 sxs Type G cement and spot a balanced plug inside casing to isolate the Dakota interval. TOH.
5. **Plug #2 (Gallup perforations and top, 5341' – 5241')**: TIH and set 4.5" CR at 5341'. Load casing with water and circulate well clean. Pressure test casing to 500#. *Casing will not test, suspected bradenhead leak.* Mix 12 sxs Type G cement and spot a balanced plug inside casing to isolate the Gallup interval. PUH.
6. **Plug #3 (Mesaverde top, ^{2856'} 3443' – ^{2756'} 3243')**: Mix 12 sxs Type G cement and spot a plug inside the casing to cover the Mesaverde top. PUH.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 2053' – 1626')**: Mix 37 sxs Type G cement and spot a plug inside the casing to cover through the Fruitland top. TOH with tubing.
8. **Plug #5 (Kirtland and Ojo Alamo tops, ^{1050'} 1325' – 1087')**: Mix 22 sxs Type G cement and spot a plug inside the casing to cover through the Ojo Alamo top. PUH.
9. **Plug #6 (8.625" Surface casing shoe, 292' - Surface)**: Perforate 3 squeeze holes at 292'. Establish circulation out bradenhead with water. Circulate the BH annulus clean. Mix and pump approximately 175 sxs Type G cement (excess due to bradenhead leak) down 4.5" casing to circulate good cement out the bradenhead. SI well and WOC.
10. 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: 1 Dufers

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 Mesaverde plug from 2856' – 2756'.
 - b) Place the Kirtland/Ojo Alamo plug from 1325' – 1050'.

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.