

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

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)

1180' FSL, 1010' FWL, Sec. 26, T32N, R8W

5. Lease Serial No.

NMM 6894

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FEDERAL 32-8-26 #2

9. API Well No.

30-045-27444

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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 intends to plug and abandon this well as per the attached plugging procedure.

2005 FEB 9 PM 12 26
RECEIVED
070 FARMINGTON NM

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

Don Graham

Title

Production Superintendent

Date 2/7/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Stephen Mason

Title

Date

2-15-05

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.

NMOCD

PLUG & ABANDONMENT PROCEDURE

1/28/05

Federal 32-8-26 #2

Basin Fruitland Coal

1180' FSL & 1010' FWL, Section 26, T-32-N, R-8-W

San Juan Co., New Mexico, API #30-045-27444

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

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and LD rods with pump. If necessary hot oil tubing. TOH and tally 2.375" tubing, total 3575'. If LD tubing and PU workstring. Round trip a 7" casing scraper to 3050'.
3. **Plug #1 (Fruitland Coal interval, 7" casing shoe and 5.5" liner top, 3623'– 3000')**: TIH with tubing and set a 7" cement retainer at 3050'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Attempt to pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and pump 117 sxs Type III cement, squeeze 100 sxs below CR to isolate Fruitland Coal interval and spot 17 above retainer. PUH to 2690'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 2690' – 2450')**: Mix 50 sxs cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH with tubing.
5. **Plug #3 (Nacimiento top, ¹²⁵⁵1060' – ¹¹⁵⁵960')**: Mix 26 sxs cement and spot a balanced plug inside casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #4 (9.625" casing shoe, 325' - Surface)**: Perforate 3 squeeze holes at 325'. Establish circulation out bradenhead with water. Mix and pump approximately 110 sxs cement down 7" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Federal 32-8-26 #2

Proposed P&A

Basin Fruitland Coal

1180' FSL & 1020' FWL, Section 26, T32N, R8W

San Juan County, API 30-045-27444

Today's Date: 1/28/05

Spud: 8/8/89

Completion: 9/12/89

Elevation: 6881' GL
6893' KB

12.25" hole

9.625" 36# Casing set @ 275'
Cement with 130 sxs (Circulated to Surface)

Perforate at 325'

Plug #4: 325' – 0'
Type III cement, 110 sxs

Nacimiento @ 1010'

TOC @ 1000' (T.S.)

Plug #3: 1060' – 960'
Type III cement, 26 sxs

Ojo Alamo @ 2500'

Plug #2: 2690' – 2450'
Type III cement, 50 sxs

Kirtland @ 2640'

Plug #1: 3623' – 3000'
Type III cement, 117 sxs,
100 sxs below CR and
17 sxs above CR.

Set 7" CR at 3050'

5.5" Liner Top at 3107'

7" 23# J-55 Casing set @ 3298'
Cement with 370 sxs (630 cf)

Fruitland @ 3360'

8.75" hole

Fruitland Coal Perforations:
3303' – 3623' (pre-drilled)

Initial completion was a 4-1/2" cement liner with sand water frac. In 1998, this part of the hole was abandoned with a 7" CIBP set at 3210' and the well sidetracked to this present configuration.

6.25" hole

5.5" Liner set 3107' to 3625'
Uncemented Liner

3700' TD

Federal 32-8-26 #2 **Current**

Basin Fruitland Coal

1180' FSL & 1020' FWL, Section 26, T32N, R8W

San Juan County, API 30-045-27444

Today's Date: 1/28/05

Spud: 8/8/89

Completion: 9/12/89

Elevation: 6881' GL
6893' KB

Nacimiento @ 1010'

Ojo Alamo @ 2500'

Kirtland @ 2640'

Fruitland @ 3360'

Initial completion was a 4-1/2" cement liner with sand water frac. In 1998, this part of the hole was abandoned with a 7" CIBP set at 3210' and the well sidetracked to this present configuration.

