

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

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.

RECEIVED

2004 MAY 17 AM 10:40

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)

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

1650' FNL, 1690' FEL, Sec. 33, T29N, R11W, NMPM

5. Lease Serial No.

NMSF-047019-A

6. If Indian, Allottee or Tribe Name

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

070 Farmington, NM

8. Well Name and No.

Summit 10

9. API Well No.

30-045-25268

10. Field and Pool, or Exploratory Area

Otero Chacra

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.



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

Name (Printed/Typed)

Don Graham

Title

Production Superintendent

Date 5/13/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAY 20 2004

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 AND ABANDONMENT PROCEDURE

5/12/04

Summit #10

Wildcat Chacra

1650' FNL & 1690' FEL, Section 33, T29N, R11W
San Juan County, New Mexico, API #30-045-25268

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 II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow 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.
2. Roundtrip 2-7/8" wireline gauge ring to 2630'. Tally and prepare a 1-1/4" tubing workstring.
3. **Plug #1 (Chacra perforations and top, 2630' – 2530')**: RIH and set 2-7/8" CIBP at 2630'. TIH with tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test the casing to 500#. If the casing does not test, then spot plugs and tag cement as appropriate. Mix 10 sxs cement and spot a balanced plug inside the casing above the CIBP to isolate the Chacra perforations and top. PUH to 1698'.
4. Check the bradenhead annuls for flow or blow. If the bradenhead has a flow, then modify the following cement plugs as appropriate. If there is not a BH flow or blow, then pressure test the bradenhead annulus to 300# for 15 minutes.
5. **Plug #2 (Pictured Cliffs and Fruitland tops, ¹⁷⁰⁰1698' – ¹²⁷²1304')**: Mix 15 sxs cement and spot a balanced plug inside casing to cover Pictured Cliffs and Fruitland tops. PUH to 645'.
6. **Plug #3 (Kirtland, Ojo Alamo tops and 7-5/8" Surface casing, 645' - Surface)**: If the BH annulus tested, then with tubing at 356', establish circulation out casing valve with water. Mix approximately 25 sxs cement and fill the 2-7/8" casing 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 to surface. Then fill inside the casing from 645' to surface and the BH annulus as necessary. TOH and LD tubing. Shut in well.
7. 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.