

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.

5. Lease Serial No.

Jic. Cont 123

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Jicarilla 123C 26

9. API Well No.

30-039-21299

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State

Rio Arriba NM

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)

1500' FSL, 1812' FEL, Sec. 8, T25N, R4W, N.M.P.M.

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

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompleate 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 recompleation 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 8/14/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ David R. Sitzler

Division of Multi-Resources

Date

NOV 14 2003

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.

PLUG & ABANDONMENT PROCEDURE

August 11, 2003

Jicarilla 123 C #26

Basin Fruitland Coal

1500' FSL & 1812' FEL, Section 8, T-25-N, R-4-W

Rio Arriba Co., New Mexico, API #30-039-21229

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 II mixed at 15.6 ppg with a yield of 1.18 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 tally 117 joints 1-1/4" IJ tubing, total 3668'.
3. **Plug #1 (Pictured Cliffs and Fruitland Coal perforations and Fruitland, Kirtland and Ojo Alamo tops, 3697' - 3125'):** TIH and tag previously set CIBP at 3697' or as deep as possible. Pump 30 bbls water down the tubing and attempt to establish circulation. Mix 24 sxs cement (long plug, 50% excess) and spot a plug inside the casing above the CIBP to isolate the PC perforations, to fill the Fruitland Coal perforations and to cover Kirtland and Ojo Alamo tops. PUH to 1500' and WOC. TIH and tag cement, minimum TOC at 3125'. Load the casing and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1875' - 1775'):** Perforate 2 or 3 squeeze holes at 1875'. Establish rate into squeeze holes if casing tested. Mix and pump 55 sxs cement down the 2-7/8" casing, squeeze 50 sxs cement outside 2-7/8" casing and leave 5 sxs cement inside casing to cover the Nacimiento top, displace to 1500'. If casing does not test, then run a wireline gauge ring to 1825'. Then set a 2-7/8" cement retainer at 1825' and cement. TOH and LD tubing.
5. **Plug #3 (8-5/8" casing shoe, 190' - Surface):** Perforate 2 squeeze holes at 190'. Establish circulation out bradenhead with water. Mix and pump approximately 75 sxs cement down 2-7/8" casing to circulate good cement out bradenhead valve. Shut in and WOC.
6. 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.

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Energen Res. Corp.

Well Name #26 Jicarilla 123C

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Bryce Hammond with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3485 ext. 31.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

Nacimiento top is identified as 1620'. Place Plug #2 at 1670' to 1570'.