

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

**AUG 12 2011**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**ENERGEN RESOURCES CORPORATION**

3a. Address

**2010 Afton Place, Farmington, NM 87401**

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

**2575' ENL, 701' FWL, Sec. 19, T25N, R05W, N.M.P.M.  
SW/NW (E)**

5. Lease Serial No.

**Jicarilla Contract 67**

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 67 # 21**

9. API Well No.

**30-039-31022**

10. Field and Pool, or Exploratory Area

**Basin Dakota**

11. County or Parish, State

**Rio Arriba 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

☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other completion  
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon report  
☐ Convert to Injection ☐ Plug Back ☐ 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.)

5/31/11 Completion rig moved in. ND WH. NU BOP. Drilling out cement to 7145'.

6/6/11 Ran CBL from surface to 7145'. Pressure test casing to 3000# - ok. Perforate from 7106' to 7110' - 1 spf, 4 holes. Set packer at 7049'. Acidized with 500 gal. 15% HCL. Clean out and flowback.

6/15/11 NDWH. NU BOP. Unset paker and TOOH.

6/16/11 RIH with 4.50" CBP at 7098'. Pressure test frac valve and casing to 4000# - ok. Perferate 7056'-7070' - 3 spf, 42 holes. Frac with 13,038 gallons of x/link in a 70Q foam, 68,646# of 20/40 sand. Set plug at 7035'. Plug did not test. Clean out and flowback.

6/23/11 Set 4.50" CBP at 7040'. Perforate Cubero from 6938'-44, 6954'-56' and 6978'-94 -3 spf, 72 holes.

6/24/11 Pressure tested. Test failed. Set frac liner from 4865' to 4934' isolating casing leak.

6/25/11 Acidize with 1000 gallons of 15% HCL. Frac with 54,137 gallons of x/link with 103,430# of 20/40 sand. Clean out to new PBTD of 7040' and flowback well. RMD on 6/28/11.

Did not comply with 19.15.5.11 on attached page see additional requirements/info  
Due to the unsafe environment with high pressures, Energen will be producing this well tubingless until a safe pressure is reached and we can go in and remove the frac liner and remediate the casing failure and clean out to PBTD. Production tubing will be landed at a later date.

**RCVD AUG 25 '11  
OIL CONS. DIV.**

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

**Anna Stotts**

Title **Regulatory Analyst**

**DIST. 3**

Signature

*Anna Stotts*

Date **8/12/11**

**THIS SPACE FOR FEDERAL OR STATE OFFICE ACCEPTED FOR RECORD**

Approved by

Title

Date

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

**FARMINGTON FIELD 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.

*A*

## NMOCD

On amended subsequent report, file the current TOC and pressure test duration.

Energen on 6/24/11 did not comply with 19.15.5.11. The frac liner set on 6/24/11 was not approved according to the approved APD and Energen Failed to file an effective change of plans on a notice of intent.

Energen is approved to produce without tubing no longer than 10/30/11.

Pressure test results for the production casing reported by Energen on 8/29/11 did not meet rule 19.15.16.10.I(1). Energen will need to perform a proper pressure test before tubing is placed in the well.

TOC of 3570ft verbally reported by Energen on 8/29/11 does not meet rule 19.15.16.10.A. Energen will need to submit a notice of intent to properly cement the casing before tubing is placed in the well.