

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.

FEB 27 2012

Farmington Field Office

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)

505-325-6800

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

2425' FSL, 680' FWL, Sec.07, T26N, R03W, N.M.P.M.  
NW/SW (L)

## 5. Lease Serial No.

Jicarilla Contract 97

## 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 97 # 6M

## 9. API Well No

30-039-31025

## 10. Field and Pool, or Exploratory Area

Blanco Mesaverde/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

BP

## 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 checked="" type="checkbox"/> Other <u>set</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>production tubing</u>                             |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | <u>&amp; completion</u>                              |

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.)

Please see attachment for work performed.

RCVD MAR 6 '12

OIL CONS. DIV.

DIST. 3

ACCEPTED FOR RECORD

FEB 29 2012

FARMINGTON FIELD OFFICE  
BY T. Salazar

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

Anna Stotts

Title Regulatory Analyst

Signature

Anna Stotts

Date 2/24/12

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

11/10/11: Completion rig moved onto location. Found rolled in casing pins @ every connection. Milled casing pins to 254'. TIH to fish DV tool dart @ 294'. Circ hole clean. Retrieve fish. Continue to mill casing pins to 6082'. Circ hole clean.

12/1-12/5/11: Run CBL from 7430'-3850'. TOC @ 6500'. Finish production string cement. See 12/27/2011 sundry, copy attached.

12/6-12/15/11: Cement job unsuccessful. DV tool closed while cementing, all cement inside casing. Drill out cmt and mill to 7920'. Determined that casing had been landed high. 4.50" set @ 7968', float collar at 7920', DV tool at 6173'.

12/17-12/21/11: Run CBL from float at 7925' to surface. Determined shoe to be wet. TOC @ 6500'. Remediated shoe. See attached 12/27/11 sundry. CR at 7852' now new PBTD.

12/21/11: Set packer @ 6185' (DV tool @ 6173') tested 4 1/2" from 6185'-7852' to 4000psi for 30 min. Test good. Set RBP @ 6185, packer @ 6113'. Pressure test csg, fail. DV tool leaking. Pressure tested backside of packer (csg from 6113'-surface) to 4000psi for 30 min, test good. Lowered packer to 6147', pressure tested cg to 4000psi for 30 min, test good. Perforate the Dakota from 7804'-7816' (3 SPF, 36 holes). Set 2 7/8" frac liner from 6145'-6213' to protect DV tool. Pressure test frac stack and all of csg to 4000psi for 30 min, test good.

12/22/11: Acidize and Frac the Dakota with 1000 gal 15% HCl acid, followed by 69,905 gal FR waterfrac frac fluid, with 5000# 100 mesh and 54,500# of 20/40. Flow back. TOO H w/ frac liner, then begin C/O.

1/4-1/22/12: Complete squeeze jobs. See attached sundry dated 1/31/12.

1/23/11: Set CBP @ 5940' to isolate squeeze holes from frac.

1/25-2/1/12: Perf the Mesaverde @ 5780'-5790', 5807'-5813', 5824'-5830', 5855'-5860' (1 SPF, 27 holes). Use packer and RBP to isolate each cluster individually and acid ball off each cluster with a total of 1200 gal 15% HCl acid. TOO H with all RBPs, TIH with frac liner. Set liner from 5645'-5710' to isolate squeeze holes. Install frac valve and pressure test to 4000 psi for 30 min, test good.

2/2-2/8/12: Frac Mesaverde with 34,300 gal of 13CP 70Q Delta 140, 151,700# of 20/40. Flow back. TOO H with frac liner. Begin C/O.

2/9/12: Set packer @ 5886'. Pressure test casing from 5886'-6250' to 840psi for 30 min. Test good. Re set packer @ 5755' and test backside from 5755'-surface to 840 psi for 30 min, test good. Drill out CBP @ 6250' and continue C/O of both MV and DK.

2/22: Run 239 jts., 2.375", 4.7#, J-55 production tubing, set @ 7784'. Rig released 2/22/12.