

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

JUN 01 2012

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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)

790' ENL 790' EEL, Sec. 27, T26N, R04W (A) NE/NE

5. Lease Serial No.

Jicarilla 107

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 107 03

9. API Well No.

30-039-20905

10. Field and Pool, or Exploratory Area

Blanco Mesaverde/
Tapacito PC

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

- | | | | |
|---|---|--|---|
| <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>Add PC &</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>DHC PC & MV</u> |
| <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 added the Tapacito Pictured Cliffs. (DHC 3703-AZ) CBP @ 5290' will be drilled out at a later date and DHC w/the Mesaverde.

4/30/12 MIRU. NDWH. NU BOP. TOOH w/1.50"tbq.

5/1/12 RIH w/5.50" CBP, set @ 5290'MD. TIH w/2.375" tbq, load csg w/120 bbls of 2% KCL. TOOH w/tbq. RIH w/OCL/CBL-logged from 5280'-surface. TOC 3880'.

5/2/12 PT 5.50" csg from 5290' (CBP) - surface to 650# for 30 min.-good test.

5/3/12 Performed squeeze job. See attached.

5/8/12 ND BOP. NU frac stack. PT 5.50" csg from 3744'-surface & frac stack to 3000# for 30 min. - ok. RIH, perf PC from 3688'-3700' & 3708'-3715' (1 spf, EHD .43", 19 holes). Rig released

5/10/12 MIRU. Acidize w/750 gal of 15% HCL. Frac w/28196 gal 60Q Delta 140, 8500# of 100 mesh, 4350# monoprop.

5/11/12 Flowback well. Pressure decreased & well logged off. SI well.

5/15/12 RIH w/5.50" CBP, set @ 3620'. Load csg w/2% KCL. Performed cmt squeeze. See attached.

5/18/12 C/o and flowback well.

5/21/12 Blew well clean.

5/22/12 TIH w/2.375", 4.7#, J-55 prod tubing, set @ 3717'. Rig released.

RCVD JUN 20 '12
OIL CONS. DIV.

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

Anna Stotts

Title Regulatory Analyst

Signature

Anna Stotts

Date 5/25/12

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date JUN 13 2012

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
BY *[Signature]*

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.

NMCCD A

1st Cement Squeeze

- 5/3/12 RIH. Shot squeeze holes at 3752' (2 spf). PU 5.50" cement retainer & TIH on 2.375" tubing. Set cmt retainer @ 3675'. Establish injection rate of 2.5 BPM @ 1110# w/5 bbls water. Pumped 215 sx (264 cf) Class G cmt, 0.3% fluid loss, 3#/sk Kol-seal. Displaced w/14 bbls water. SD & stung out of retainer. TOO H w/tbg & setting tool. PU 4.75" bit, DC & TIH w/2.375" tbg. SI. WOC.
- 5/4/12 Continue TIH w/tbg & tagged TOC @ 3610'. Drilled out cement retainer. Circulated casing clean. PT to 500#-good test. TOO H w/tbg, DC & bit. Run CBL from 3850'-3100'. Found cement bond from 3748'-3772. Squeeze holes at 3752'.
- 5/7/12 RIH w/5.50" CBP. Set plug @ 3744'. TIH w/2.375" tbg & DC. SI. SDON.
-

2nd Cement Squeeze

- 5/15/12 PT CBP & csg to 2000# - good test. RIH, shot 2 squeeze holes (2 spf) @ 3416. PU 5.50" cmt retainer & TIH w/2.375" tbg. Set cmt retainer @ 3368'. Established injection rate of 1.5 BPM @ 1725# w/5 bbl water. Pumped 215 sx (264 cf) Class G cmt, 0.3% fluid loss, 3#/sk Kol-seal. Displaced w/13 bbls water. SD and stung out of retainer. TOO H w/tbg and setting tool.
- 5/16/12 PU 4.75" bit, DC & TIH w/2.375" tbg & tagged TOC @ 3310'. Drilled out cement retainer. Circulated casing clean. PT to 500#-held 5 min.-good test. TOO H w/tbg DC, & bit. Ran CBL from 3560'-2700'. Found good bond from 3238'-3465'. Squeeze holes @ 3416'. Decent bond from 3108'-3238'. SDON.
- 5/17/12 PU 4.75" bit, DC & TIH on 2.375" tbg. C/o to 5.50" CBP @ 3620'. Circulated hole clean. PT casing to 500# for 30 minutes, lost 20# (float assembly in tbg)-good test. Drill out CBP. c/o well.