

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

DEC 16 2010

2. Name of Operator

ENERGEN RESOURCES CORPORATION

Farmington Field Office
Bureau of Land Management

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)

1850' FSL, 1850' FWL, Sec. 24, T24N, R3W, N.M.P.M.

32

5. Lease Serial No.

NMNM 86430

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Arco Little Fed 32 3

9. API Well No.

30-039-21715

10. Field and Pool, or Exploratory Area

West Lindrith Gallup-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

- | | | | |
|-----------------------------------------------|------------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <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 Plugged and Abandoned the Arco Little Federal 32 #3 according to the attached procedure.

RCVD DEC 22 '10

OIL CONS. DIV.

DIST. 3

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

Name (Printed/Typed)

Martin Cabrera

Title District Engineer

Signature

Date 12/14/10

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

DEC 16 2010

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.

NMOCD

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Energen Resources Corporation
Arco Little Federal 32-3

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1850' FSL & 1850' FWL, Section 32, T-24-N, R-03-W
Rio Arriba County, NM
Lease Number: NMNM 86430
API#30-039-21715

Plug and Abandonment Report

Notified BLM/NMOCD 11/22/10

Plugging Summary:

- 11/23/10 MOL. Check well pressures: casing, 15 PSI; tubing, 2 PSI; and bradenhead, 0 PSI. Blow well down. LD horse head. Unseat pump and LD polish rod. TOH and LD 70 7/8" rods and 82 3/4" rods. PU polish rod. SI well. SDFD.
- 11/24/10 Open up well; no pressures. LD polish rod. TOH and LD 80 7/8" rods and 217 3/4" rods with 4 sinker bars and 2" rod pump. ND wellhead. Release TAC. NU BOP and test. TOH and tally 243 joints 4.7#, J-55 2-3/8" tubing with TA, SN and MA. TIH with 4.5" DHS cement retainer and set at 6245'. Pressure test tubing to 1000 PSI. Circulate well clean with total 110 bbls of water. Pressure test casing to 600 PSI for 5 minutes. TOH with 10 stands of tubing. SI well. SDFD.
- 11/29/10 Open up well, no pressure. TIH and tag CR at 6245'. Circulate well clean with 4.5 bbls of water. Pressure test casing to 800 PSI for 5 minutes.
Plug #1 with CR at 6245', spot 16 sxs Class B cement (18.88 cf) inside casing above cement retainer up to 6035' to isolate the Dakota / Gallup interval.
TOH with tubing and LD setting tool. Perforate 3 squeeze holes at 4725'. Establish rate into squeeze holes 2 bpm at 400 PSI. RIH with 4.5" DHS cement retainer and set at 4675'.
Plug #2 with CR at 4675', mix 52 sxs Class B cement (61.36 cf), squeeze 43 sxs below CR and outside 4.5" casing and leave 9 sxs above CR to cover the Mesaverde top.
PUH to 3170'.
Plug #3 spot 50 sxs Class B cement (59 cf) inside casing from 3170' to 2511' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.
TOH with tubing. SI well. SDFD.
- 11/30/10 Open well; no pressure. TIH and tag cement at 2528'. TOH with tubing. Perforate 3 squeeze holes at 1306'. Establish rate into squeeze holes 1/2 bpm at 1200 PSI; pressured up to 1500 PSI. RIH and set 4.5" DHS cement retainer at 1256'.
Plug #4 with CR at 1256', mix 52 sxs Class B cement (61.36 cf), squeeze 43 sxs below CR and outside 4.5" casing and leave 9 sxs above CR to cover the Nacimiento top.
TOH and LD tubing with setting tool. Perforate 3 squeeze holes at 414'. Establish circulation down casing and out bradenhead with 3-1/2 bbls of water.
Plug #5 mix and pump 134 sxs Class B cement (158.12 cf) down 4.5" casing from 414' to surface, circulate good cement out casing valve.
SI well and WOC. SDFD.

A-PLUS WELL SERVICE, INC.

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Farmington, New Mexico 87499

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Energen Resources Corporation
Arco Little Federal 32-3

December 2, 2010
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Plugging Summary Cont'd:

12/01/10 Open well; no pressure. TIH and found cement at surface in 4.5" casing. Dig out wellhead. Issue Hot Work Permit. Cut off casing head. Found cement down 2.5' in annulus.

Plug #6 mix and pump 10 sxs Class B cement (11.8 cf) to top off annulus and install P&A marker.

RD and MOL. SDFD.

Gail Clayton and Wanda Weatherford, BLM representatives were on location.