

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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

JAN 14 2011

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)

1350' FNL, 2450' FWL, Sec. 01, T26N, R03W, N.M.P.M.

5. Lease Serial No.

Jicarilla Contract 96

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

21938

8. Well Name and No.

Jicarilla 96 4R

9. API Well No.

30-039-26855

10. Field and Pool, or Exploratory Area

Gavilan Pictured Cliffs

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 recomple 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 recomple 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 Jicarilla 96 #4R according to the attached procedure.

RCVD JAN 21 '11
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 1/10/11

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Energen Resources Corporation

Jicarilla 96 #4R

December 15, 2010

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1350' FNL & 2450' FEL, Section 1, T-26-N, R-03-W

Rio Arriba County, NM

Lease Number: Jicarilla Contract #96

API#30-039-26855

Plug and Abandonment Report

Notified BLM 12/3/10

Plugging Summary:

12/09/10 MOL. Check well pressures: casing 20 PSI, tubing 2 PSI and bradenhead 0 PSI. Blow well down. LO/TO separator. RU rig and equipment. Unseat pump. Remove horse head. TOH and LD rods and top seated pump. ND wellhead. NU BOP and test. PU on tubing and unseat donut pulling 20K. TOH and tally 12' sub, 125 joints 2-3/8" tubing, SN and 4' tail joint. Total tally 3831'. SI well. SDFD.

12/10/10 Open up well; casing pressure less than 1 PSI. Round trip gauge ring to 4230'. Perforate 3 squeeze holes at 4224'. RIH and set 4.5" DHS cement retainer at 4174'. Pressure test tubing to 1200 PSI for 5 minutes. Sting into CR and establish rate 1/4 bpm at 1000 PSI. Sting out of CR. Establish circulation with 52 bbls of water. Stop pumping for 5 minutes. Establish circulation with 2.75 bpm. S. Mason, BLM, approved procedure change. **Plug #1** with CR at 4174', mix 58 sxs Class B cement (68.44 cf), squeeze 9.5 sxs below CR and leave 48.5 sxs above to 3837' to cover 7" casing shoe and 4.5" liner top. TOH with tubing and LD setting tool. SI well. SDFD.

12/13/10 Open up well; no pressure. Casing on a vacuum. RIH with 5.80" gauge ring and tag cement at 3803'. RIH and set PlugWell wireline 7" CIBP at 3711'. RIH with tubing and tag at 3711'. Establish circulation down tubing and out casing with 43.5 bbls of water. Circulate well clean with additional 106.5 bbls of water. Note: water clean but gas cut. Attempt to pressure test casing to 800 PSI; bled down to 600 PSI in 2 minutes. **Plug #2** with CIBP at 3711', spot 117 sxs Class B cement (138.06 cf) inside casing from 3711' to 3104' to cover the Pictured Cliffs interval and the Fruitland, Kirtland and Ojo Alamo tops. PUH and WOC. Attempt to pressure test casing; leak. Tag cement at 3130'. Perforate 3 squeeze holes at 2144'. Establish injection rate 1/2 bpm at 500 PSI. RIH and set 7" DHS cement retainer 2092'. Sting out of CR. Pressure test casing to 850 PSI for 5 minutes. Sting into CR and establish rate. **Plug #3** with CR at 2092', mix 55 sxs Class B cement (64.9 cf), squeeze 35 sxs below CR and leave 20 sxs above to 1991' to cover the Nacimiento top. TOH and LD tubing and setting tool. SI well. SDFD.

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Jicarilla 96 #4R

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Plugging Summary Cont'd:

12/15/10 Open well; no pressure. Tag cement at 1957'. Perforate 3 squeeze holes at 278'. Establish circulation down and out bradenhead with 6.5 bbls of water. Circulate well clean with 20 bbls of water.

Plug #4 spot 130 sxs Class B cement (153.4 cf) down 7" casing from 278' to surface, circulate good cement out bradenhead. SI well and WOC. with ND BOP. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement at surface in 7" casing and annulus. RD rig and equipment.

Plug #5 spot 15 sxs Class B cement (17.7 cf) and install P&A marker. Remove LO/TO. MOL.

Rod Velarde, Jic-BLM representative, on location.