

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

OCT 21 2014

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<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other   |   | 5. Lease Serial No.<br>Jicarilla 98                                |
| 2. Name of Operator<br>ENERGEN RESOURCES CORPORATION   |   | 6. If Indian, Allottee or Tribe Name<br>Jicarilla Apache           |
| 3a. Address<br>2010 Afton Place, Farmington, NM, 87401   | 3b. Phone No. (include area code)<br>505-325-6800 | 7. If Unit or CA/Agreement, Name and/or No.                        |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>990' FSL, 990' FWL, Sec. 19 T26N R03W N.M.P.M. (M) SW/SW |   | 8. Well Name and No.<br>Jicarilla 98 1                             |
|  |   | 9. API Well No.<br>30-039-06347                                    |
|  |   | 10. Field and Pool, or Exploratory Area<br>Gavilan Pictured Cliffs |
|  |   | 11. County or Parish, State<br>Rio Arriba NM                       |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |  |  |   |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice     | <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 Jicarilla 98 #1 according to the attached report.

OIL CONS. DIV DIST. 3

NOV 12 2014

Approved as to plugging  
of the well bore. Liability  
under bond is retained until  
surface restoration is completed.

ACCEPTED FOR RECORD

NOV 06 2014

FARMINGTON FIELD OFFICE  
BY: D PORCH

|   |                               |
|---|-------------------------------|
| 14. I hereby certify that the foregoing is true and correct<br>Name (Printed/Typed)<br>Patsy Berger | Title<br>Production Assistant |
| Signature<br><i>Patsy Berger</i>  | Date<br>10/21/2014            |

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.

AMOCDAV

## A-PLUS WELL SERVICE, INC.

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \*fax: 505-325-1211

Energen Resources Corporation  
**Jicarilla 98 #1**

October 10, 2014  
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990' FSL and 990' FWL, Section 19, T-26-N, R-03-W  
Rio Arriba County, NM  
Lease Number: Jicarilla 98  
API #30-039-06347

**Plug and Abandonment Report**  
Notified NMOCD and Jicarilla BLM on 10/3/14

### Plug and Abandonment Summary:

- Plug #1(combined plug #2)** with 73 sxs (86.14 cf) Class B cement with 2% CaCl inside casing from 3850' to 3221' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 3249'.
- Plug #3** with 18 sxs (21.24 cf) Class B cement inside casing from 2204' to 2049' to cover the Nacimiento top.
- Plug #4** with 150 sxs (182.9 cf) Class B cement inside casing from 321' to surface with 38 sxs in 5-1/2" casing and 112 sxs into annulus to cover the surface casing shoe.
- Plug #5** with 24 sxs Class B cement top off casings and install P&A marker with coordinates 36° 28' 3" N/107° 11' 28" W.

### Plugging Work Details:

- 10/3/14 Rode rig and equipment to location. Spot in. SDFD.
- 10/6/14 RU equipment. Check well pressures: tubing and casing 170 PSI, bradenhead 15 PSI. RU relief lines. Blow well down. Pump 20 bbls down tubing to kill well. Well on vacuum. ND wellhead. NU BOP and function test. Attempt to pull stuck tubing hanger. Pump 20 bbls of water. Casing on vacuum. Pull up on tubing hanger 20k to 50k no movement. Note: K. Mason, Energen called out Big Red Tools. SI well. SDFD.
- 10/7/14 Check well pressures: tubing and casing 0 PSI, bradenhead 15 PSI. Attempt to pull on stuck tubing hanger. ND BOP. RU Big Red Tools. Pull up on tubing hanger and release hanger. NU BOP and function test. TOH and tally 2-3/8" tubing, 4.7#, J-55, EUE 126 jnts, 1-4' perf sub, 1 mule shoe total 3903'. RU A-Plus wireline. PU 5-1/2" GR and RIH to 3870'. PU 5-1/2" CIBP and set at 3850'. Pump 86 bbls of water to top off casing from surface. Note: requested by K. Mason, Energen. RU A-Plus wireline. Ran CBL from 3870' to surface found ratty cement from 3850' to 372'. SI well. SDFD.
- 10/8/14 Open up well; no pressures. Establish circulation. Attempt to pressure test casing to 800 PSI, no test. Bled down to 400 PSI in less than 20 seconds. Spot plug #1 combined #2 with calculated TOC at 3221'. WOC. TIH and tag TOC at 3249'. Establish circulation. Pressure test casing 800 PSI, OK. Establish circulation. Spot plug #3 with calculated TOC at 2049'. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 321'. Establish circulation. Spot plug #4 with TOC at surface. SI well. SDFD.

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**Jicarilla 98 #1**

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**Plugging Work Details (continued):**

10/9/14 Open up well; no pressures. ND BOP. Dig out wellhead. Fill out Hot Work Permit. Check for LEL, no LEL. Cut off wellhead. Found cement at surface in 10-3/4" casing and down 6' in 5-1/2" casing. Spot plug #5 and install P&A marker with coordinates 36° 28' 3" N/107° 11' 28" W. SDFD due to rain storm.

10/10/14 Travel to location. Attempt to MOL, unable due to muddy roads.

Note: MOL on 10/13/14

Kyle Mason, Energen representative, was on location.  
Dakota Whitehawk, Jicarilla BLM representative, was on location.  
Bryce Hammond, Jicarilla BLM representative, was on location.