Form 3160-5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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| - PARAMETER VC | and the second | *** | <br>Expi |

RM APPROVED B NO. 1004-0137 ires July 31, 2010

5. Lease Serial No.

| SUNDRY NOTICES  Do not use this form for particles  abandoned well. Use Form   | Jicarilla Contract 119N 6. If Indian, Allottee or Tribe Name Jicarilla Apache   |  |   |  |  |  |  |
|--|---|--|---|--|--|--|--|
| SUBMIT IN TRIPLICATE - Other instructions on page 2  |   |  |   |  | Agreement, Name and/or No.   |  |  |
| 1. Type of Well Oil Well X Gas Well Other 2. Name of Operator ENERGEN RESOURCES CORPORATION 3a. Address  | 8. Well Name and<br>Jicarilla 11<br>9. API Well No.   | 19N # 12   |   |  |  |  |  |
| 2010 Afton Place Farmington, NM 87   | <b>4</b> 01   | 3b. Phone No. (include ar  | eu coue)  | 30-039-06725   |  |  |  |
| 2010 Afton Place Farmington, NM 87401 505.325.6800  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  1190' FNL, 1190' FWL, Sec.06, T26N, R03W   |   |  |   |  | 10. Field and Pool, or Exploratory Area Tapacito Pictured Cliffs  11. County or Parish, State Rio Arriba NM          |  |  |
| 12. CHECK APPROPRIATE  | E BOX(ES) TO INI  | DICATE NATURE OF N   | OTICE, REPO   | RT, OR OTHER   | DATA   |  |  |
| TYPE OF SUBMISSION   | TYPE OF ACTION  |  |   |  |  |  |  |
| Notice of Intent  X Subsequent Report  Final Abandonment Notice  | Acidize Alter Casing Casing Repair Change Plans Convert to Injectic   | Deepen Fracture Treat New Construction X Plug and Abandon Plug Back  | Reclamation Recomple  | ily Abandon  | Water Shut-Off Well Integrity Other  |  |  |
| Describe Proposed or Completed Operation (clearly If the proposal is to deepen directionally or recomposal tatch the Bond under which the work will be perfollowing completion of the involved operations. It testing has been completed. Final Abandonment Netermined that the final site is ready for final insperior Energen Resources Plugged and Abandon Plugged Plugged and Abandon Plugged Plug | lete horizontally, give si formed or provide the E f the operation results in Notices shall be filed on ection.)  Indoned the Jical | ubsurface locations and mea<br>cond No. on file with BLM/<br>a multiple completion or re-<br>ly after all requirements, in | sured and true ver<br>BIA. Required s<br>ecompletion in a reclamation | rtical depths of all p<br>ubsequent reports sinew interval, a Forn<br>on, have been comp | pertinent markers and zones. shall be filed within 30 days n 3160-4 shall be filed once pleted, and the operator has |  |  |
|  |   |  |   |  |  |  |  |

**RCVD MAR 16'10** OIL COMS. DIV.

DIST. 3

| 14. I hereby certify that the foregoing is true and correct Name (Printed Typed)  Martin Cabrera   | Title District Engineer                          |   |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|
| Signature Madding.   | Date 3/09/2010                                   | ARCHETTED EAR CEANS                         |  |  |  |  |  |  |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE   |  |   |  |  |  |  |  |  |
| Approved by  | Title  | DaisAR 15                                   |  |  |  |  |  |  |
| 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 and the form person ker fictitious or fraudulent statements or representations as to any matter within the particular of the first person ker first the first person ker first person per | nowingly and willfully to make to any department | t or agency of the United States any false, |  |  |  |  |  |  |

## A-PLUS WELL SERVICE, INC.

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

Energen Resources Corporation Jicarilla 119N #12 February 19, 2010 Page 1 of 1

1190' FNL & 1190' FWL, Section 6, T-26-N, R-4-W Rio Arriba Country, NM Lease Number: Jicarilla Contract #119N API #30-039-06725

## **Plug and Abandonment Report**

Notified JAT - BLM on 2/2/10

- 02/03/10 MOL. RU rig and equipment. Dig out bradenhead. Check well pressures: casing and tubing, 280 PSI; bradenhead, 1 PSI. Blow down well. ND wellhead. NU BOP and test. TOH and tally 122 joints 2.375" EUE tubing, 3 tubing subs with SN. Total tally: 3972.90'. SI well. SDFD.
- 02/05/10 Open up well and blow down 2 PSI casing pressure. Round trip 3.625" gauge ring to 3950'. RIH and set 5" CIBP at 3928'. TIH with tubing and tag CIBP at 3928'. Load casing with 58.5 bbls of water and circulate clean with additional 20 bbls of water. Pressure test casing to 750 PSI for 10 minutes.

**Plug #1** with CIBP at 3928', spot 61 sxs Class B cement (71.98 cf) inside casing above CIBP up to 3254' to isolate the Pictured Cliffs interval and to cover the Fruitland, Kirtland and Ojo Alamo tops.

TOH with tubing. Perforate 3 squeeze holes at 2170'. Attempt to establish injection rate; pumping up to 1000 PSI. Wayne Townsend, BLM engineer, requested perforations at 2120'. Bryce Hammond, Jicarilla BLM representative, approved procedure change. Perforate 3 squeeze holes at 2120'. Attempt to establish injection rate; pressured up to 1000 PSI. Bryce Hammond, Jicarilla BLM representative, approved procedure change.

**Plug #2** spot 25 sxs Class B cement (29.5 cf) inside casing from 2237' up to 1977' to cover the Nacimiento top.

TOH and start to LD tubing. SDFD.

02/09/10 Open well, no pressure. Finish LD tubing. Attempt to pressure test bradenhead; leak. RIH with wireline and tag cement at 2080'. Bryce Hammond, Jicarilla BLM representative, approved tag. Perforate 3 squeeze holes at 191'. Establish circulation down casing and out bradenhead with total of 17 bbls of water.

Plug #3 mix and pump 91 sxs Class B cement (107.38 cf) down 5" casing from 191' to surface, circulate good cement out bradenhead. SI well with pressure. Dig out wellhead. ND BOP. Monitor well. Issue Hot Work Permit. Cut off wellhead and found cement at surface. Mix 10 sxs Class B cement and install P&A marker. RD and MOL.

Bryce Hammond, Jicarilla BLM representative, was on location.