

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other   |  |
| 2. Name of Operator<br><b>Black Hills Gas Resources, Inc.</b>  |  |
| 3a. Address<br><b>P.O. Box 249 Bloomfield, NM 87413</b>  | 3b. Phone No. (include area code)<br><b>(505) 634-5104</b> |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br><b>SHL: 1851' FSL &amp; 838' FWL NW/SW Section 33 T30N R3W (UL: L)</b><br><b>BHL: 1606' FSL &amp; 909' FEL NE/SE Section 33 T20N R3W (UL: I)</b> |  |

RECEIVED  
JUN 28 2015  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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| 5. Lease Serial No.<br><b>Farmington Field Office</b><br><b>MDA 701-98-0013, Tract 1</b> |
| 6. If Indian, Allottee, or Tribe Name<br><b>Jicarilla Apache Tribe</b>                   |
| 7. If Unit or CA. Agreement Name and/or No.  |
| 8. Well Name and No.<br><b>Jicarilla 30-03-33 #31</b>                                    |
| 9. API Well No.<br><b>30-039-29446</b>   |
| 10. Field and Pool, or Exploratory Area<br><b>East Blanco Pictured Cliffs</b>            |
| 11. County or Parish, State<br><b>Rio Arriba County, New Mexico</b>                      |

12. CHECK APPROPRIATE BOX(S) 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"/> Altering 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 performed or provide the Bond No. on file with the 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 Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please find attachment for plug and abandonment summary.

OIL CONS. DIV DIST. 3

JUL 17 2015

ACCEPTED FOR RECORD

JUL 16 2015

FARMINGTON FIELD OFFICE  
BY: 

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


**Daniel Manus**

**Regulatory Technician II**

Title

Signature

Date

  
June 29, 2015

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, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOCDA

Black Hills Gas Resources  
**Jicarilla 30-03-33 #31**

1851' FSL and 838' FWL, Section 33, T-30-N, R-3-W  
Rio Arriba County, NM  
Lease Number: MDA 701-98-0013  
API #30-039-29446

**Plug and Abandonment Summary:**

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**Plug #1** with CR at 3597' spot 73 sxs (86.14) Class B cement from 3597'-2953' to isolate the PC/Fruitland/Ojo Alamo tops.

**Plug #2** with 32 sxs (37.76 cf) Class B cement from 2046'-1764' to cover the Nacimiento top.

**Plug #3** with 47 sxs (55.46 cf) Class B cement from 382' to surface to cover the casing shoe and surface. Circulate good cement out casing valve.

**Plug #4** with 20 sxs Class B cement top off casings and install P&A Marker at 36° 45' 58" N / W 107° 9' 41".

**Plugging Work Details:**

5/22/15 Notified B. Hammond Jicarilla BLM, BLM Cmt Hotline, & B. Powell NMOCD.

5/26/15 Road equipment to location. RU McGuire H2S monitor equipt. Spot in and RU A-Plus #14. SITP 0 PSI, SICP 10 PSI. SIBHP 0 PSI. Blow well down. No H2S monitored. TOH, LD rods & pump. ND WH. NU and function test BOP. TOH with prod tubing. SI well. SDFD.

5/27/15 SICP 0 PSI. SIBHP 0 PSI. Function test BOP. No H2S monitored. RU WL. Ran gauge ring to 3600'. Ran gyro survey 3600' to surface. TIH and set CR at 3597'. Release from CR. Pressure test casing to 800 PSI, held ok. Pressure test BH to 300 PSI with ½ bbl of water, held ok. **Spot Plug #1.** TOH with tubing to 2046'. **Spot Plug #2.** TOH. TIH with tubing open ended to 382'. **Spot Plug #3.** TOH with tubing. Dig out WH. SI Well. SDFD.

5/28/15 0 PSI on well. Open well. Cement at 35' in 5-1/2" casing. ND BOP. Cut off WH. Cement at 40' in 8-5/8" casing. Spot **Plug #4** thru poly pipe and install P&A Marker at 36° 45' 58" N / W 107° 9' 41". RD and MOL.

Bryce Hammond, Jicarilla BLM representative, was on location.  
Gary Johnson, McGuire representative, was on location.