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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

Farmington Field Office  
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.

5. Lease Serial No.  
**MDA 701-98-0013, Tract 2**

6. If Indian, Allottee, or Tribe Name  
**Jicarilla Apache Tribe**

7. If Unit or C.A. Agreement Name and/or No.

8. Well Name and No.

**Jicarilla 29-02-33 #33**

9. API Well No.

**30-039-29387**

10. Field and Pool, or Exploratory Area

**Burro Canyon Tertiary**

11. County or Parish, State

**Rio Arriba County, New Mexico**

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Black Hills Gas Resources, Inc.**

3a. Address

**P.O. Box 249 Bloomfield, NM 87413**

3b. Phone No. (include area code)

**(505) 634-5104**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2140' FSL & 2087' FEL (NW/SE) Section 33 T29N R2W (UL: J)**

**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 recomplate 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 recomplate 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 reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

**Black Hills Gas Resources completed plugging the Jicarilla 29-02-33 #33 per the attached summary report.**

**Attachment: Plug and Abandonment Report.**

ACCEPTED FOR RECORD

OIL CONS. DIV DIST. 3

NOV 09 2015

NOV 12 2015

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

FARMINGTON FIELD OFFICE  
BY: *[Signature]*

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

**Daniel Manus**

**Regulatory Technician II**

Title

Signature

*[Signature]*

Date

*Nov 6, 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)

NMOCD

*RV*

2140' FSL and 2087' FEL, Section 33, T-29-N, R-2-W  
Rio Arriba County, NM  
Lease Number: MDA 701-98-0013  
API #30-039-29387

**Plug and Abandonment Report**  
Notified Jicarilla BLM, BLM & NMOCD on 10/21/15

**Plug and Abandonment Summary:**

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- Plug #1** with 121 sxs (142.78 cf) Class B cement from 3590' to 2522' to cover the Pictured Cliffs interval, Fruitland, Kirtland, Ojo Alamo tops & Nacimiento perms. Tag TOC at 2592'.
- Plug #2** with 28 sxs (33.04 cf) Class B cement inside casing from 2279' to 2032' to cover the Nacimiento top.
- Plug #3** with perms at 333' spot 117 sxs (138.06 cf) Class B cement from 333' to surface to cover 8-5/8" casing shoe and surface. Circulate good cement out BH valve.
- Plug #4** with 28 sxs Class B cement to top off casings and install P&A marker with coordinates N 36° 40' 52" / W 107° 2' 46".

**Plugging Work Details:**

- 10/23/15 MIRU A-Plus rig #14. SITP 420 PSI, SICP 620 PSI, SIBHP 0 PSI. Blow well down. ND WH. NU BOP and function test. TOH and tally 2-3/8" tbg. TIH & tag CBP at 3590'. Pump 50 bbls fluid ahead. Spot plug #1 with calculated TOC at 2522'. TOH. SWI. SDFD.
- 10/26/15 SICP 0 PSI, SIBHP 0 PSI. Function test BOP. TIH and tag plug #1 at 2592'. TOH to 2279'. Pressure test casing to 800 PSI, OK. Spot plug #2 with calculated TOC at 2032'. TOH. RU A-Plus wireline. Perforate 3 holes at 333'. Establish rate of 5 bpm at 100 PSI. Establish circulation out BH valve. ND BOP. NU WH. Spot plug #3 with TOC at surface. Dig out WH. Write Hot Work Permit. Cut off WH. Found cement down 40' in 5-1/2" casing and down 12' in 8-5/8" casing. Spot plug #4 to top off casings and install P&A marker with coordinates N 36° 40' 52" / W 107° 2' 46". RD & MOL.

Bryce Hammond, Jicarilla BLM representative, was on location.