

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 29 2015

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.*

5. Lease Serial No.  
**Jicarilla Contract 452**

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

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

8. Well Name and No.  
**Jicarilla 452-07 #13**

9. API Well No.  
**30-039-29470**

10. Field and Pool, or Exploratory Area  
**East Blanco Pictured Cliffs**

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)  
**SHL: 690' FNL & 1345' FEL NW/NE Sec. 7 T29N R3W (UL: B)**  
**BHL: 784' FNL & 732' FWL NW/NW Sec. 7 T29N R3W (UL: D)**

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 be 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 recompletion 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.)

**Black Hills Gas Resources had completed plugging the Jicarilla 452-07 #13 per the attached summary report.**

**Attachment: Plug and Abandonment Report**

ACCEPTED FOR RECORD

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

OCT 30 2015

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 of Daniel Manus]*

Date

*Oct. 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)

690' FNL and 1345' FEL, Section 7, T-29-N, R-3-W  
Rio Arriba County, NM  
Lease Number: Jicarilla Contract 452  
API #30-039-29470

**Plug and Abandonment Report**  
Notified Jicarilla BLM, BLM & NMOCD on 10/12/15

**Plug and Abandonment Summary:**

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**Plug #1** with 24 sxs (28.32 cf) Class B cement from 2149' to 1938' to cover the Nacimiento top.

**Plug #2** with 53 sxs (62.54 cf) Class B cement from 386' to surface to cover the 8-5/8" casing shoe & surface, 1) pump 45 sxs to circulate good cement out 5-1/2" casing valve, 2) TOH & LD all tubing and plugging sub, RU pump to 5-1/2" casing valve, 3) pump 8 sxs to re-fill 5-1/2" casing.

**Plug #3** with 16 sxs Class B cement top off casings and install P&A marker with coordinates N 36° 44' 42" / W 107° 11' 16".

**Plugging Work Details:**

10/13/15 MIRU A-Plus #14 rig. Open up well; no pressures. ND WH. NU BOP & function test. PU plugging sub & 2-3/8" workstring. TIH to 2149'. Roll hole w/ 52 bbls. Pressure test casing to 800 PSI, OK. Load bradenhead w/ < 1/8 bbl & pressure test bradenhead to 300 PSI, OK. Spot plug #1 with calculated TOC at 1938'. SI well. SDFD.

10/14/15 Travel to location. Open up well; no pressures. Function test BOP. Spot plug #2 with TOC at surface. ND BOP. NU WH. Dig out WH. Write Hot Work Permit. Cut off WH. Found cement at cutoff point in 5-1/2" and 8-5/8" casings. Spot plug #3 top off casings and install P&A marker with coordinates N 36° 44' 42" / W 107° 11' 16". RD & MOL.

Bryce Hammond, Jicarilla BLM representative, was on location.