

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 14 2016

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.*

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator <b>Black Hills Gas Resources, Inc.</b>	
3a. Address <b>3200 N 1st St, Bloomfield, NM 87413</b>	3b. Phone No. (include area code) <b>(505) 634-5104</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>440' FNL &amp; 440' FEL NE/NE Section 34 T30N R3W (UL: A)</b>	

5. Lease Serial No. <b>MDA 701-98-0013, Tract 1</b>
6. If Indian, Allottee, or Tribe Name <b>Jicarilla Apache Tribe</b>
7. If Unit or CA. Agreement Name and/or No.
8. Well Name and No. <b>Jicarilla 30-03-34 #2</b>
9. API Well No. <b>30-039-26101</b>
10. Field and Pool, or Exploratory Area <b>Cabresto Cyn Tert / E Blanco PC</b>
11. County or Parish, State <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 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 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 reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

**Attached is the plug and abandonment report for the above mentioned well.**

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

ACCEPTED FOR RECORD

NOV 14 2016

FARMINGTON FIELD OFFICE  
BY: 

OIL CONS. DIV DIST. 3

NOV 17 2016

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

**Daniel Manus**

**Regulatory Techician II**

Title

Signature

Date

**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 PV



Black Hills Gas Resources, Inc.  
**Jicarilla 30-03-34 #2**

Section 34, T-30-N, R-3-W  
Rio Arriba County, NM  
Lease Number: MDA 701-98-0013  
API #30-039-26101

**Plug and Abandonment Report**  
Notified Jicarilla BLM, BLM & NMOCD on 10/14/16

**Plug and Abandonment Summary:**

- Plug #1** with 99 sxs (116.82 cf) Class B cement from 3678' to 2804' to cover the Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2816'.
- Plug #2** with CR at 2512' spot 81 sxs (95.58 cf) Class B cement from 2512' to 1797' to cover the Nacimiento interval.
- Plug #3** with 34 sxs (40.12 cf) Class B cement from 267' to surface to cover the 8-5/8" shoe and surface, circulate good cement out 5-1/2" casing valve.
- Plug #4** with 24 sxs Class B cement through poly pipe to top off casings and install P&A marker with coordinates N 36° 46' 28" / W 107° 7' 48".

**Plugging Work Details:**

- 10/17/16 MIRU A-Plus #14 & McGuire H2S safety equipment. SITP and SIBHP 0 PSI, SICP 480 PSI. Blow well down. No H2S monitored. Attempt to pull rods, pump stuck. Back off rods. TOH and LD 47 - 7/8" rods and 15 - 3/4" rods. ND wellhead, NU BOP and function test. TOH with 50 jnts 2-3/8" tubing to find rods. PU on rod string found free. TOH LD 81 - 3/4" rods and on-off tool. SI well. SDFD.
- 10/18/16 SITP and SIBHP 0 PSI, SICP 180 PSI. Blow well down. No H2S monitored. Function test BOP. TOH with 2-3/8" tubing & tubing pump. TIH w/ plugging sub on tubing to 3678'. Pump 60.5 bbls ahead. Spot plug #1 with calculated TOC at 2804'. TOH. Pressure test bradenhead to 300 PSI with 1/2 bbl, held OK. SI well. SDFD.
- 10/19/16 SICP 12 PSI and SIBHP 0 PSI. Blow well down. No H2S monitored. Function test BOP. TIH with string mill and tag TOC at 2816'. TOH. TIH with CR and set at 2512'. Sting out, circulate well clean. Pressure test casing to 800 PSI, OK. Spot plug #2 with calculated TOC at 1797'. TOH. TIH to 267'. Spot plug #3 with TOC at surface. TOH. ND BOP. Dig out and cut off wellhead. Found cement down 14' in 5-1/2" casing and down 16' in 8-5/8" casing. Spot plug #4 through poly pipe to top off casings and install P&A marker with coordinates N 36° 46' 28" / W 107° 7' 48". RD and MOL.

Reuben Perea, Jicarilla BLM representative, was on location.  
McGuire Air Trailer, representative, was on location.