

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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  
☐ 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)  
**860' FNL & 660' FWL NW/NW Section 20 T29N R2W (UL: D)**

5. Lease Serial No.  
**MDA 701-98-0013, Tract 1**

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 29-02-20 #1**

9. API Well No.  
**30-039-26093**

10. Field and Pool, or Exploratory Area  
**La Jara Canyon Tertiary**

11. County or Parish, State  
**Rio Arriba County, New Mexico**

**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 reclamantion, 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

ACCEPTED FOR RECORD

JUL 17 2015

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

**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 IV

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Black Hills Gas Resources, Inc.  
**Jicarilla 29-02-20 #1**

860' FNL and 660' FWL, Section 20, T-29-N, R-2-W  
Rio Arriba County, NM  
Lease Number: MDA 701-98-0013  
API #30-039-26093

**Plug and Abandonment Summary:**

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- Plug #1** with CR at 2140' spot 44 sxs (51.92 cf) Class B cement with 2% CaCl<sub>2</sub> from 2140' to 1752' to isolate the Nacimiento interval. Tag TOC at 1880'.
- Plug #2** with CR at 925' spot 20 sxs (23.6 cf) Class B cement from 925' to 749' to isolate the San Jose perforations.
- Plug #3** with 75 sxs (88.5 cf) Class B cement from 584' to surface to cover the 8-5/8" casing shoe and surface. 1) Pump 68 sxs to circulate good cement out 5-1/2" casing valve. 2) TOH LD all tubing & RU pump to 5-1/2" casing valve 3) Pump 7 sxs to refill 5-1/2" casing.
- Plug #4** with 26 sxs Class B cement top off casings & install P&A Marker at N 36° 36' 8" / W 107° 3' 25".

**Plugging Work Details:**

- 5/29/15 Notified B. Hammond Jicarilla BLM, BLM Cement Hotline, & B. Powell NMOCD.
- 5/30/15 MIRU A-Plus #14. SITP 0 psi, SICP 0 psi, SIBHP 0 psi. Pressure test tubing to 1000 PSI. TOH, LD rods & pump. SI Well. SDFD.
- 6/1/15 SITP 0 psi, SICP 0 psi, SIBHP 0 psi. ND WH. NU & function test BOP. TOH w/ tbg. PU casing scraper. TIH to 2172'. TOH. TIH and set CR at 2140'. Release from CR. **Spot Plug #1**. TOH. SI well & WOC. TIH and tag Plug #1 at 1880'. TOH. TIH and set CR at 925'. Release from CR. Load BH w/ 1.75 bbls & pressure test to 300 psi, held ok. Pressure test casing to 800 PSI, held ok. **Spot Plug #2**. TOH w/ tbg. SI Well. SDFD.
- 6/2/15 SICP 0 psi, SIBHP 0 psi. Function test BOP. TIH w/ tbg to 584'. **Spot Plug #3**. Dig out & cut off WH. Found cement at surface in 5-1/2" casing & at 53' in 8-5/8" casing. **Spot Plug #4** through poly pipe & install P&A Marker at the following coordinates N 36° 36' 8" / W 107° 3' 25". RD and MOL.

R. Perea, Jicarilla BLM representative, was on location.