

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.**

RECEIVED

JUN 01 2015

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: 1150' FSL & 1191 FEL SE/SE Section 9 T30N R3W (UL: P)**  
**BHL: 739' FSL & 1321' FEL SE/SW Section 10 T30N R3W (UL: N)**

5. Lease Serial No.  
**Jicarilla Contract 457**

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

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

8. Well Name and No.

**Jicarilla 457-9 #1**

9. API Well No.  
**30-039-23902**

10. Field and Pool, or Exploratory Area

**East Blanco Pictured Cliffs**

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**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Acidize

☐ Altering Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and abandon

☐ Plug back

☐ Production (Start/ Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-off

☐ Well Integrity

☐ Other

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

See attachment for the plug and abandonment summary report.

OIL CONS. DIV DIST. 3

JUN 04 2015

ACCEPTED FOR RECORD

JUN 02 2015

FARMINGTON FIELD OFFICE

BY: JL Salvers

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)

APPROVED

Black Hills Gas Resources  
**Jicarilla 457-9 #1**

1150' FSL and 1191' FEL, Section 9, T-30-N, R-3-W  
Rio Arriba County, NM  
Lease Number: Jicarilla Contract 457  
API #30-039-25902

**Plug and Abandonment Summary:**

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**Plug #1** with CR at 3670' spot 73 sxs (86.14 cf) Class B cement from 3670' to 3026' to isolate the PC interval and cover the Fruitland, Kirtland and Ojo Alamo tops.✓

**Plug #2** with 24 sxs (28.32 cf) Class B cement from 2077' to 1866' to cover the Nacimiento top.✓

**Plug #3** with 24 sxs (28.32 cf) Class B cement from 600' to 389' to cover the casing shoe.✓

**Plug #4** with 18 sxs (21.24 cf) Class B cement from 101' to surface circulate good cement out casing valve.✓

**Plug #5** with 20 sxs Class B cement top off casings and install P&A Marker at 36° 49' 22" N / 107° 9' 4" W.✓

**Plugging Work Details**

4/30/15      Notified B. Hammond Jicarilla BLM, BLM Cement Hotline, & B. Powell NMOCD.

5/1/15      Held safety meeting. RU McGuire H2S monitor equipt. Spot in and RU A-Plus #14. Check well pressures: tubing 22 PSI; casing 18 PSI; BH 2 PSI. Blow well down to pit. No H<sub>2</sub>S. LD rods & pump. ND WH. NU & function test BOP. Release on-off tool. TOH & tally tubing. SI Well. SDFD.

5/4/15      Held safety meeting. Check well pressures: casing 90 PSI; BH 0 PSI. Blow down well to pit. No H<sub>2</sub>S. Function test BOP. PU 5-1/2" casing scraper & TIH with 2 7/8" workstring to fish at 3672'. B. Hammond Jicarilla BLM, R. Espinoza BLM & B. Powell NMOCD, approved procedure change to set CR at 3670'. TOH with tubing & scraper. TIH & set CR at 3670'. Pressure test casing to 800 PSI, held ok for 20 minutes. Pressure test BH to 300 PSI with 1 bbl of water, held ok. **Spot Plug #1.** TOH, LD tubing to 2077'. **Spot Plug #2.** TOH, LD tubing to 600'. **Spot Plug #3.** TOH, LD all tubing. TIH to 101'. **Spot Plug #4.** Circ good cmt to surface. TOH, LD all tubing. SI Well. SDFD.

5/5/15      On stand-by due to muddy roads.

5/6/15      Held safety meeting. Check well pressures: casing and BH 0 PSI. Open well to pit. Cement at 10' in 5 1/2" csg. ND BOP. Dig out & cut off WH. Cmt at 27' in 8-5/8" casing. **Spot Plug #5** thru poly pipe to top off csgs & install P&A Marker at 36° 49' 22" N / 107° 9' 4" W. RD and MOL.

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