

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004**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 reverse side**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Black Hills Gas Resources, Inc.

## 3a. Address

350 Indiana Street, Suite 400 Golden, CO 80401

## 3b. Phone No. (include area code)

720-210-1308

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

874' FNL &amp; 790' FWL (NWNW) Unit D

Sec. 28, T30N-R03W

## 5. Lease Serial No.

MDA 701-98-0013 0002

## 6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

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

20459

## 8. Well Name and No.

Jicarilla 30-03-28 No. 2

## 9. API Well No.

30-039-26106

## 10. Field and Pool, or Exploratory Area

Cabresto Canyon, Tertiary

## 11. County or Parish, State

Rio Arriba, NM

## 12. CHECK APPROPRIATE BOX(ES) 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"/> Alter 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 checked="" type="checkbox"/> Other Cement Squeeze
	<input type="checkbox"/> Change Plans	<input 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	

3. 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 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 Notices 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 cement squeezed the Nacimiento perfs, 2582' - 2631', of the Cabresto Canyon, Tertiary formation in the above referenced well as follows:

LOAD TBG W/ 7.0 BBLS OF F WTR & ESTABLISH INJECTOR RATE OF 2 3/4 BPM @ 800 PSI. MIX & PMP 75 SX ( 15 3/4 BBLS) OF SQUEEZE CEMENT. GO TO DISPLACEMENT W/ FRESH WTR @ 2.0 BPM FROM 1400-1600 #. BROKE @ 1650#=1500 #. W/ 3.0 BBLS AWAY. 2.0 BPM FROM 1500-1750. BROKE @ 1750-1700# W/ 6 1/2 BBLS AWAY. PRESS. SLOWLY CLIMBING @ 1 BPM FROM 1850#=2050# W/ 9 BBLS AWAY. SLOW RATE TO 1/4 BPM & LOCK UP @ 2300 PSI W/ 11.0 BBLS OF DISPLACEMENT PUMPED. CLEANED EOT W/ 0.5 BBLS WTR. PRESS. DROPPED FROM 2300-1600# IN 10 MINS. LOAD TBG W/ 6.0 BBLS OF WTR & APPLY 500 PSI. SI TBG. 60/75 SX TO NAC. PERFS. TBG PRESS. 250 PSI 1 HR LATER. WOC. SDFN. LEAVE TOC. (2.9 BBLS ABOVE NAC) @ 2437 +/-.

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

Allison Newcomb

Title Engineering Technician

Signature

*Allison Newcomb*

Date 2/10/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name  
(Printed/Typed)

Title

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

Date

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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