

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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)
1805' FSL & 865' FWL (NWSW) Unit L
Sec. 3, T30N-R03W

5. Lease Serial No.
Jicarilla Contract 457

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

7. If Unit or CA/Agreement, Name and/or No.
22863

8. Well Name and No.
Jicarilla 457-3 No. 3

9. API Well No.
30-039-25779

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, Inc. has cement squeezed the Cabresto Canyon, Tertiary formation of the above referenced well as follows:

San Jose perfs: 1672-1680, 1740-1747, 1760-1766

Pump 80 sxs 50/50 Poz cmt with 3% CaCl₂, max squeeze 1000 psi. Release pkr, pull 4 stands tbq. Reverse out 3 bbls cmt, pressure tbq to 1000 psi.

OJO ALAMO PERFS 3146' TO 3192'

EST 3 BPM RATE @ 350 PSI. MIXED & PUMPED 100 SXS OF CLASS B CMT W/0.75 GAL PER SACK OF CFL-7L CMT FLUID LOSS. 15.6# -- 1.18 YIELD -- 5.2 GAKS WTR O PER SACK AS FOLLOWS : PUMPED 19.5 BBLs CMT AT 2.5 BPM RATE AT 350 PSI. SHUT DOWN W/1.5 BBLs CMT TO STAGE. PRESSURE DROPPED FROM 350 PSI TO 0 PSI. EST 3 BPM RATE @ 800 PSI. RESQUEEZED OJO ALAMO PERFS W/50 SACKS CLASS B NEAT CMT W/0.75 GAL PER SACK OF CFL-7L CMT FLUID LOSS. 15.6# -- 1.18 YIELD -- 5.2 GALS WATER PER SACK. PUMPED 10.5 BBLs CMT @ 2.5 BPM RATE @ 500 PSI, WHEN CMT HIT FORMATION PUMPED 2.0 BPM RATE @ 850 PSI. PRESSURE BUILDING LAST 4 BBLs INTO FORMATION. PUMPED @ 0.5 BPM RATE @ 2200 PSI. SHUT WELL IN @ 1750 PSI. ESTIMATE TOC @ 2950'. SHUT WELL IN @ 15:15 HRS.

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

Allison Newcomb

Title Engineering Technician

Signature

Allison Newcomb

Date 10/7/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature) */s/ David R. Sitzler*

Name
(Printed/Typed)

Division of Multi-Resources

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
DEC 10 2004

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.

(Continued on next page)

OPERATOR