

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Jicarilla Contract #460
2. Name of Operator Black Hills Gas Resources, Inc.		6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe
3a. Address 350 Indiana Street, Suite 400 Golden, CO 80401	3b. Phone No. (include area code) 720-210-1308	7. If Unit or CA/Agreement, Name and/or No. 23336
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) 1456' FNL & 1476' FWL (SE/NW) Unit F Sec. 21, T30N-R03W		8. Well Name and No. Jicarilla 460-21 No. 1
		9. API Well No. 30-039-25866
		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:

MIRU to cement squeeze SJ perfs from 1694'-1710'. Press up back side to 500 psi leave shut in. Press test lines & P/ to 2000 psi-held. P/10 bbls fresh wtr into perfs to establish an injection rate (3 bpm). Mix & P/ 21 bbls of cement, formation press up to 1500 psi. Clean lines to pit, then press up on backside to 700 psi to keep cement from u-tbg. Release pkr & reverse circulate cement out of tbg (6 bbls) to pit.

Mix & P/ 100 sacks of Type III cem into OA perfs from 3271'-3304', had problems w/ P/ truck, displ tbg w/ 19 bbls fresh wtr. Wait 30 min. & bump w/1 bbl, tbg on vacuum. Mix & P/ 50 sacks of Type III cem, caught press, displ tbg & sting out of retainer. TOH w/ stinger & lay dn same. PU pkr & TIH. Set pkr @ +/- 2773'.

Mix & P/ 100 sacks Type III cem into NAC perfs from 2904'-3039', caught press w/ 4 bbls left in tbg, press up on backside to prevent u-tbg. Unseat pkr & reverse circulate out excess cem. TOH w/ pkr & lay dn same. Put 500 psi on csg w/ rig P/ & SI.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Allison Newcomb		ACCEPTED FOR RECORD APR 08 2005 FARMINGTON FIELD OFFICE	
Signature <i>Allison Newcomb</i>		Title Engineering Technician	Date 3/16/05
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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