

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 St., #400, Golden, CO 80401

3b. Phone No. (include area code)
720-210-1300

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
1450' FSL and 1450' FWL (NESW) Unit K
Sec. 8, T30N-R03W

5. Lease Serial No.
Jicarilla 458

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or No.
22182

8. Well Name and No.
Jicarilla 458-8 No. 9

9. API Well No.
30-039-25758

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 <u>Cement Squeeze</u>
	<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 Ojo Alamo formation in the Cabresto Canyon, Tertiary formation in the above referenced well. The procedures of the cement squeeze are attached.



RECEIVED
BLM
NOV 23 AM 10:55
010 ALBUQUERQUE, N.M.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)
Allison Newcomb

Title Engineering Technician

Signature *Allison Newcomb*

Date 9/30/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Name (Printed/Typed) Division of Multi Resources

Office

Date DEC 17 2004

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.

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.

Black Hills Gas Resources, Inc.
Jicarilla 458-8 No. 9 30-039-25758
Cement Squeeze Ojo Alamo

11/08/2003 OA perfs: 3080'-90', 3100'-26'.

Present Operation: Cem squeeze OA.

st rig up. Finish TIH, tag fill @ +/- 3769'. TOH to pickup & unloader. TIH w/ pkr, unloader & 47 stds 2 3/8" tbg. Set pkr @ +/- 2925' KB. Close unloader. Fill csg w/ 17 bbls KCL wtr & press test tools & csg to 500 psi-good test. MIRU BJ Svc, hold safety meeting. P/ 10 bbls fresh wtr & establish injection rate of 2.0 bbls/min @ 20 psi. Mix & P/ 27 bbls of 14.5# Type III cem into OA perfs from 3080'-3126'. Displ w/ 11 bbls wtr & wait 30 mins, P/ another 1/2 bbl wtr, tbg on vacuum. Open unloader, RD BJ, unseat pkr & TOH. Leave estimated TOC @ 2932.65' KB. TOC will fall due to tbg being on vacuum. TIH w/ bit, bit sub, dc's & 30 stds of 2 3/8" tbg in preparation of tagging up on Monday, SDFN.

11/11/2003 OA perfs: 3080'-90', 3100'-26'.

Present Operation: Re-squeeze cement OA.

St up rig. Finish TIH, went in w/ bit, bit sub, dc's & 50 stds of 2-3/8" tbg to 33010' KB, no cem. TOH to pick up packer & unloader. TIH w/ packer, unloader & 47 stds of 2-3/8" tbg. Set packer @ +/- 2925' KB. Close unloader. Fill backside using rig P/ to press test tools & csg to 500 psi-good test. MIRU BJ Svc, hold safety meeting. P/ 10 bbls fresh wtr & establish injection rate of 2.5 bbls/min @ 50 psi. Mix & P/ 24.7 bbls of 14.5# Type III cement into OA perfs from 3080'-3126'. Displace w/ 4 bbls of H2O, OA zone from 3080'-3126' pressured up to 1000 psi @ surface. Open unloader, unseat packer & reverse out tbg w/ 25 bbls of wtr. RD BJ Svc & TOH. Estimated TOC left @ +/-2928'. Fill hole, close blind rams & press up csg to 500 psi. Shut dn to WOC.