

# RECEIVED

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office  
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.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>MDA 701-98-0013, Tract 1</b>
2. Name of Operator <b>Black Hills Gas Resources, Inc.</b>		6. If Indian, Allottee, or Tribe Name <b>Jicarilla Apache Tribe</b>
3a. Address <b>3200 N 1st St, Bloomfield, NM 87413</b>	3b. Phone No. (include area code) <b>(505) 634-5104</b>	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>702' FNL 583' FWL, Section 33 T30N R3W</b>		8. Well Name and No. <b>Jicarilla 30-03-33 #2</b>
		9. API Well No. <b>30-039-26030</b>
		10. Field and Pool, or Exploratory Area <b>East Blanco Pictured Cliffs</b>
		11. County or Parish, State <b>Rio Arriba County, New Mexico</b>

**12. CHECK APPROPRIATE BOX(S) 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"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

'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 recomplate 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 recompletion 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.)

Black Hills Gas Resources has plugged & abandoned this well as follows:

- 5/15/12: 8:45 AM, Notified BLM, NMOCD, JAT-BLM of upcoming operations. MIRU A Plus Well Service Rig #5. HSM. SDFN.  
5/16/12: SITP 180 psi. SICP 200 psi. BHP 0 psi. Bled well down. TOH. LD rods and pump. ND WH. NU BOP. Function test BOP. TOH with 2 3/8" tbg. Make scraper trip to 3560'. Rod Velarde, JAT-BLM on location.  
5/17/12: SICP 0 psi. BHP 0 psi. Set cmt retainer at 3556'. Load tbg with 3.5 bbls. Pressure test tbg to 600 psi, held ok. Release tbg from cmt retainer. Estab circ. Mix & spot Cmt Plug #1 (45 sx, 53 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl2) inside csg from 3556' to 3159'. TOH. WOC. Tag plug #1 at 3178'. Set cmt retainer at 3066'. Release tbg from cmt ret. Load well with 6.25 bbls. Mix & spot Cmt Plug #2 (22 sx, 26 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 3066' to 2872'. TOH. WOC. Rod Velarde, JAT-BLM on location.  
5/18/12: Load bradenhead with 1.75 bbl and test bradenhead to 300 psi, held ok, good test. Est TOC at 51'. TIH. Tag plug #2 at 2 Mix & spot Cmt Plug #3 (22 sx, 26 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl2) inside csg from 1969' to 1775'. TOH. WOC. Tag plug #3 at 1808'. Set cmt ret at 1439'. Release from cmt ret. Circ with 35 bbls. Test csg to 800 psi, held ok. Mix & pump Cmt Plug #4 (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 1439' to 1263'. Load hole. Mix & pump Cmt Plug #5 (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 598' to surface inside 5 1/2" csg. Circ cmt returns to pit. TOH. SWI. SDFWE. Rod Velarde, JAT-BLM on location.  
5/21/12: SICP 0 psi. BHP 0 psi. Tag top of cmt inside 5 1/2" csg at 36'. ND BOP. Cut off wellhead. Top of cmt in 5 1/2" x 8 5/8" annulus at 50'. RD rig. Mix & pump 22 sx, 26 cu ft, 15.6# class B cmt & fill csgs. Set DH marker. Release A Plus Rig #5. Velarde, JAT-BLM on location

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

**Daniel Manus**

**Regulatory Technician**

Title

Signature

Date

*May 23, 2012*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

**MAY 25 2012**

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

**FARMINGTON FIELD 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)

**NMOCD #**