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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 14 2013

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 4</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>P.O. Box 249, Bloomfield, NM 87413</b>	3b. Phone No. (include area code) <b>(505) 634-5104</b>	7. If Unit or C.A. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>2080'FNL &amp; 1820'FWL SE/NW Section 5 T29N R2W (UL: F)</b>		8. Well Name and No. <b>Jicarilla 29-02-05 #3</b>
		9. API Well No. <b>30-039-26859</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"/> Final Abandonment Notice	<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"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

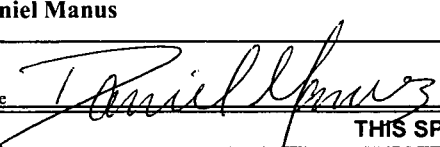
13. Describe Proposed or Completed Operation Clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will 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 recompleat 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 reclamantion, 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:**

See attachment.

RCVD DEC 2 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed) **Daniel Manus** Title **Regulatory Technician**

Signature  Date **November 13, 2013**

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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 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)

NOV 25 2013

NMOCD

FARMINGTON FIELD OFFICE



## Black Hills Gas Resources

### Jicarilla 29-02-05 #3

#### Plug and Abandon report

- 11/1/13: 1:50 PM, Notified Bryce Hammond, JAT-BLM, BLM & Brandon Powell, NMOCD of upcoming operations.
- 11/4/13: MIRU A-Plus Well Service Rig #5. SICP 0 psi. SIBHP 0 psi. ND WH. NU & function test BOP. TIH with cmtng sub. Tag at 3688'. Roll hole with 70 bbls. Pressure test csg to 800 psi, held ok. Mix & pump **Cmt Plug #2** (44 sx, 51.92 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 3688' to 3300' to cover Kirtland & Ojo Alamo tops. TOH to 2418'. SDFN. Bryce Hammond, JAT-BLM on location.
- 11/5/13: SITP 0 PSI. SICP 0 psi. SIBHP 0 psi. Fill BH with 4 bbls. Pressure test BH with 300 psi, held ok. Load hole with 1.5 bbls. Pump 5 bbls total. Mix & pump **Cmt Plug #3** (24 sx, 28.32 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 2418' to 2207' to cover Nacimiento top. TOH. Received approval from Bryce Hammond JAT-BLM & Charlie Perrin NMOCD at 9 AM to perf for surface plug. MIRU wireline. RIH, collar at 99', perf at 90' with 4 holes. POH, RD wireline. Establish circulation down csg out BH valve with 12 bbls. TIH to 326'. Mix & pump **Cmt Plug #4** (69 sx, 81.42 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 326' to surface inside csg & from 90' to surface outside csg to cover surf csg shoe & surface. Circ good cmt out csg valve & BH valve. TOH. ND BOP. Dig out & cut off wellhead. Cmt at 10' in 5 1/2" csg, at 10' in 8 5/8" csg. RD pulling unit. Install DHM & top off with 24 sx, 15.6# class 'B' cmt. RD equipt. Release rig. Bryce Hammond, JAT-BLM on location.