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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 30 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.

5. Lease Serial No.
MDA 701-98-0013, Tract 4

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

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

8. Well Name and No.
Jicarilla 29-02-16 #4

9. API Well No.
30-039-27462

10. Field and Pool, or Exploratory Area
East Blanco Pictured Cliffs

11. County or Parish, State
Rio Arriba County, New Mexico

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Black Hills Gas Resources, Inc.

3a. Address
3200 N 1st St, Bloomfield, NM 87413

3b. Phone No. (include area code)
(505) 634-5104

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
685' FNL & 690' FWL NW/NW Section 16 T29N R2W (UL: D)

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 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:

See Attachment.

RCVD JUN 4 '13
OIL CONS. DIV.
DIST. 3

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

Daniel Manus

Regulatory Technician

Title

Signature

Date

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.

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)

NMOCDA



Black Hills Gas Resources

Jicarilla 29-02-16 #4

Rio Arriba County, New Mexico

Plug and Abandon

5/20/13: 1:00 PM, Notified BLM, JAT-BLM, & NMOCD of upcoming operations.

5/21/13: MIRU A Plus Well Service Rig #14. McGuire Industries rep set up H2S monitors. SITP 0 psi. SICP 6 psi. SIBHP 0 psi. 4 ppm H2S on csg. Bled well down. Pump 22 bbl down tbg. ND WH. NU & function test BOP. SDFN.

5/22/13: SITP 0 PSI. SICP 0 psi. SIBHP 0 psi. No H2S monitored. Release packer. TOH, LD 2 7/8", 6.5 #, L-80 tbg, packer, & 2 7/8", 7.9 #, P-110 tbg. Make scraper trip to 3495'. TOH. TIH with cmt retainer. SDFN.

5/23/13: SITP 5 psi. SICP 4 psi. SIBHP 0 psi. Bled well down. No H2S monitored. TIH & set cmt retainer at 3495'. Pressure test tbg to 1000 psi. Sting out. Load hole with 50 bbl, circ hole clean with 83 bbl total. Pressure test csg with 800 psi. Held ok 5 min. Load BH with 1/8 bbl. Pressure test BH with 350 psi, held ok. Mix & pump **Cmt Plug #1** (53 sx, 62.54 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 3495' to 3027' to isolate PC interval, FC, Kirtland, & Ojo Alamo tops. TOH to 2072'. Pump 5 bbl ahead. Mix & pump **Cmt Plug #2** (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 2072' to 1896' to cover Nac top. TOH. TIH to 334'. Load hole with 4 bbl. Mix & pump **Cmt Plug #3** (45 sx, 53.1 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 334' to surface to cover 8 5/8" csg shoe & surface. Circ good cmt out csg valve. TOH. ND BOP. Dig out & cut off wellhead. Cmt at 29' in 5 1/2" csg & at 40' in 8 5/8" csg. RD rig. Mix & pump 28 sx 15.6# class 'B' cmt to top off csg & set DHM. Release rig. Tony Waupekenay, JAT-BLM on location.