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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 06 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.*

Formington Field Office  
Bureau of Land Management

5. Lease Serial No.

Contract 457

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 457-10 #11

9. API Well No.

30-039-29326

10. Field and Pool, or Exploratory Area

E. Blanco PC & Cabresto Cny Tert

11. County or Parish, State

Rio Arriba County

**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)

660' FNL & 660' FWL Sec. 10 T30N R3W

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 recompleate 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 recompleation 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 FEB 12 '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

2-6-13

ACCEPTED FOR RECORD

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

Signature

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

1/16/13: 10:00 AM, Notified JAT-BLM of upcoming operations.

1/17/13: 2:12 PM, Notified NMOCD & BLM of upcoming operations. MI A-Plus cmt equipt & Pro #4 rig equipt. SITP 500 psi. SICP 800 psi. Blow down well. Pump 40 bbl kill fluid down csg. SDFN.

1/18/13: MIRU Professional Well Service Rig #4. SITP 95 psi, SICP 75 psi. Thaw out WH. Blow down well. TOH with rods & pump. Pump 30 bbls down tbq, circulate out csg at 21 bbls, no H2S. ND WH. NU BOP. Function test BOP. SDFN.

1/21/13: SITP 0 psi, SICP 2 psi. Blow down well. TOH with tbq. TIH with plugging sub to CIBP at 3402'. Circ well clean with 80 bbls. Dig out BH valve. Clean out ice in valve & nipple to WH. 0 psi on BH. No ice or cmt across wellhead. Install new valves & nipple. Will test BH before pumping surface plug. Mix & pump **Cmt Plug #1** (16 sx, 18.9 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl2) inside csg from 3402' to 3261'. TOH. WOC. TIH to 2600'. SDFN. Rod Velarde JAT-BLM on location.

1/22/13: SITP 0 psi, SICP 0 psi, Received ok from Brandon Powell, NMOCD on 16 sx on plug #1 because volume covered prescribed plug. TIH, tag plug #1 at 3245'. Est circ with 2.5 bbls. SI csg. Pressure test csg to 1000 psi, held for 5 min. No inj rate. Received approval from Brandon Powell, NMOCD, Rod Velarde, JAT-BLM, Steve Mason, BLM to omit cmt retainer on plug #2 & spot 28 sx balanced plug from top of plug #1 to 3000'. Mix & pump **Cmt Plug #2** (28 sx, 33.0 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl2) inside csg from 3245' to 2998'. TOH. WOC. TIH. Tag plug #2 at 2989'. Pressure test casing to 1000 psi for 5 min, good test. Mix & pump **Cmt Plug #3** (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 1981' to 1805'. TOH to 320'. Fill BH with ¼ bbl. Pressure test BH with 300 psi for 5 min, held ok. Mix & pump **Cmt Plug #4** (50 sx, 59 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 320' to surface. Circ 8 sx cmt to pit. TOH. ND BOP. NU WH. RDMO rig. SDFN. Rod Velarde JAT-BLM on location.

1/23/13: Check TOC inside 5 ½" csg at 3' below GL. Dig out cellar. Cut off WH. TOC at 2' in 5 1/2" x 8 5/8" annulus. Mix & pump 10 sx, class B cmt & set DH marker. Well P&A'd. Release A-Plus cmt pkg. Rod Velarde, JAT-BLM to be notified of completion of plugging with photos provided of cut-off to Rod Velarde.