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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
Bureau of Land Management

AUG 26 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
☐ 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)
287' FNL & 1072' NW/NW Section 17 T30N R3W (UL: D)

5. Lease Serial No.
Jicarilla Contract 459

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 459 #8

9. API Well No.
30-039-24305

10. Field and Pool, or Exploratory Area
Cabresto Canyon Tertiary

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

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 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 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:

RCVD AUG 29 '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)

AUG 27 2013

FARMINGTON FIELD OFFICE

NMOC D PV



Black Hills Gas Resources

Jicarilla 459 #8

Subsequent Plug and Abandon report

- 8/13/13:** 12:00 PM, Notified Bryce Hammond, JAT-BLM, BLM & NMOCD of upcoming operations.
- 8/14/13:** MIRU A-Plus Well Service Rig #14 & McGuire H2S monitor trailer. SITP 480 PSI. SICP 15 psi. SIBHP 0 psi. Blow down well. Pump 25 bbl down tbg to kill well. ND WH. NU & function test BOP. Release packer. TOH, LD 116 jts 2 3/8", 4.7#, J-55 tbg & packer. SDFN.
- 8/15/13:** SICP 110 psi. SIBHP 25 psi. Blow down well. No H2S present. Function test BOP. TIH with 2 3/8", 4.7#, J-55 workstring. Tag solid at 3756'. Receive ok by Leo Pacheco BLM, Steve Mason BLM & Brandon Powell NMOCD at 10:15 AM to pump plug #1 from 3756' & combine plugs 1 & 2. Pump 50 bbls ahead. Mix & pump **Cmt Plug #1** (72 sx, 84.96 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl₂) from 3756' to 2807' to cover PC, Fruitland, Kirtland & Ojo Alamo. TOH. WOC. TIH, tag plug #1 at 3081'. Circulate hole clean with 50 bbl. Attempt to pressure test csg. Bled 800 psi to 400 psi in 1 min. Mix & pump **Cmt Plug #1A** (24 sx, 28.32 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 3081' to 2765' to cover Ojo Alamo top. TOH to 1570'. SDFN. Leo Pacheco BLM on location.
- 8/16/13:** SITP 6 PSI. SICP 6 psi. SIBHP 4 psi. Blow down well. Function test BOP. TIH, tag plug #1A at 2770'. TOH to 1982'. Load hole with 1.5 bbl & pump 8 bbl total. Attempt to pressure test csg. Bled 800 psi to 400 psi in 30 sec. Mix & pump **Cmt Plug #2** (24 sx, 28.32 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl₂) from 1982' to 1666' to cover Nacimiento top. TOH. WOC. TIH, tag plug #2 at 1673'. TOH. Load hole with 3 1/2 bbl. Attempt to pressure test csg. Bled 800 psi to 400 psi in 20 sec. Perf 3 holes at 182'. Est rate thru perfs 3 bpm, 300 psi. Pump 5 bbl ahead to establish circulation out BH valve, pump 15 bbl total. Mix & pump **Cmt Plug #3** (79 sx, 93.22 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 182' to surface to cover 8 5/8" shoe & surface. Circ good cmt out BH valve. Wash BOP & WH valves. Pump 1/8 bbl down csg to pressure up to 500 psi. Bled to 100 psi in 1 min then held 100 psi for 2 min. SWI with 100 psi on csg. SDFWE. Leo Pacheco BLM on location.
- 8/19/13:** SICP 0 psi. SIBHP 0 psi. Cmt at 4' in 4 1/2" csg. ND BOP. Dig out, cut off WH. Cmt at cutoff point in 4 1/2" csg & 8 5/8" csg. RD rig. Mix & pump 22 sx 15.6# class 'B' cmt to set DHM. RD equipt. Release rig. MOL. Leo Pacheco BLM on location.