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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 22 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)
660'FSL & 660'FEL SE/SE Section 4 T29N R3W (UL: P)

5. Lease Serial No.
Jicarilla Contract 451

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 451-4 #44

9. API Well No.
30-039-27729

10. Field and Pool, or Exploratory Area
Cabresto Canyon Tert./E. Blanco PC

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:

See Attachment.

RCVD AUG 26 '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

August 22, 2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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)

NMOCD 2



Black Hills Gas Resources

Jicarilla 451-4 #44

Subsequent Plug and Abandon report

- 8/06/13:** 10:30 AM, Notified Bryce Hammond, JAT-BLM, BLM & NMOCD of upcoming operations. MIRU A-Plus Well Service Rig #14 & McGuire H2S monitor trailer. SDFN.
- 8/07/13:** SITP 20 PSI. SICP 2 psi. SIBHP 0 psi. Blow down well. Pump 10 bbl down tbg to kill well. ND WH. NU & function test BOP. Release on-off tool from packer. TOH, LD 45 jts 2 3/8", 4.7#, J-55 tbg. Blow csg to pit. Csg unloaded 50 bbls. Pumped 55 bbls down tbg to kill well. TOH, LD 63 jts 2 3/8" tbg, sliding sleeve, pup jt & on-off tool. SDFN due to lightning.
- 8/08/13:** SICP 97 psi. SIBHP 0 psi. Blow down well. Function test BOP. Blue Jet WL ran gauge ring to 3600'. Ran gyro survey from 3550' to surface. TIH with 2 3/8", 4.7#, J-55 workstring. Tag pkr at 3605'. Pump 53 bbls ahead. Mix & pump **Cmt Plug #1** (81 sx, 95.58 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 3605' to 2890' to isolate PC, Fruitland, Kirtland & Ojo Alamo. Displace w/8.2 bbl. TOH to 1587'. SDFN. No H2S monitored. Bryce Hammond JAT-BLM on location.
- 8/09/13:** SITP 0 psi. SICP 65 psi. SIBHP 0 psi. Blow down well. Function test BOP. TIH, tag plug #1 at 3063'. TOH. TIH, set cmt retainer at 2168'. Sting out. Pump 42 bbl ahead. Mix & pump **Cmt Plug #2** (81 sx, 95.58 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl2) from 2168' to 1453' to isolate Nacimiento. Displace with 3.6 bbl. TOH. WOC. Load BH with 2 1/4 bbl. Pressure test BH to 300 psi, held ok. TIH, tag plug #2 at 1515'. TOH. TIH, set cmt retainer at 977'. Sting out. Load hole with 19 bbl & circ clean with 23 bbl. Pressure test csg with 850 psi, held ok 10 min. Mix & pump **Cmt Plug #3** (24 sx, 28.32 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 977' to 766' to isolate San Jose perfs. TOH. SDFN. Bryce Hammond JAT-BLM on location.
- 8/12/13:** SICP 0 psi. SIBHP 0 psi. Function test BOP. TIH, tag plug #3 at 780'. TOH to 332'. Mix & pump **Cmt Plug #4** (42 sx, 49.56 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 332' to surface to cover 8 5/8" shoe & surface. Circ good cmt out csg valve. ND BOP. Dig out & cut off wellhead. Cmt at 22' in 5 1/2" csg & 68' in 8 5/8" csg. RD rig. Mix & pump 30 sx 15.6# class 'B' cmt to top off & set DHM. RD equipt. Release rig. MOL. No BLM rep on location. Notified Bryce Hammond by phone throughout day.
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