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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

MAY 28 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. Jicarilla Contract 464
2. Name of Operator Black Hills Gas Resources, Inc.		6. If Indian, Allottee, or Tribe Name Jicarilla Apache Tribe
3a. Address 3200 N 1st St, Bloomfield, NM 87413	3b. Phone No. (include area code) (505) 634-5104	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 400' FSL & 800' FWL SE/SW Section 30 T30N R3W (UL: N)		8. Well Name and No. Jicarilla 464-30 #9
		9. API Well No. 30-039-25789
		10. Field and Pool, or Exploratory Area East Blanco Pictured Cliffs
		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 <i>BP</i>	<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 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

May 28, 2013

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

MAY 29 2013

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)

NMOC
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**Jicarilla 464-30 #9
Plug and Abandon
Subsequent report**

- 5/8/13:** 8:15 AM, Notified BLM, JAT-BLM, & NMOCD of upcoming operations.
- 5/9/13:** MIRU A Plus Well Service Rig #14. McGuire Industries rep set up H2S monitors. Checked prod equipt, 31 ppm H2S. SITP 0 psi. SICP 185 psi. SIBHP 0 psi. Bled well down. No H2S monitored. TOH with rods & pump. ND WH. NU & function test BOP. TOH with 4 jts 2 3/8", 4.7#, J-55 tbg. SDFN.
- 5/10/13:** SITP 0 PSI. SICP 180 psi. SIBHP 0 psi. Bled well down. No H2S monitored. TOH, LD 2 3/8", 4.7#, J-55 tbg. MIRU Blue Jet Wireline. Run gauge ring. Tag up at 3734'. RU Scientific Drilling. Run gyroscopic survey from 3400' to surface. TIH with 2 3/8" workstring to 3687'. SDFWE. Tony Waupekenay, JAT-BLM on location.
- 5/13/13:** SITP 0 psi. SICP 180 psi. SIBHP 0 psi. Bled well down. No H2S monitored. TIH to 3917'. Load hole with 55 bbl, pump 60 bbl total. Mix & pump **Cmt Plug #1** (89 sx, 105.02 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt w/ 2% CaCl2) from 3917' to 3131' to isolate PC, FC, Kirtland, Ojo Alamo. TOH. WOC. TIH. Tag plug #1 at 3237'. Load hole with 33 bbl, pump 40 bbl total. Mix & pump **Cmt Plug #2** (61 sx, 71.98 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 3136' to 2598' to isolate Nac perfs. TOH to 1358'. SDFN. Bryce Hammond, JAT-BLM on location.
- 5/14/13:** SITP 0 psi. SICP 0 psi. SIBHP 0 psi. No H2S monitored. TIH tag plug #2 at 2544'. TOH to 2198'. Load hole with 31 bbl, pump 40 bbl total. Mix & pump **Cmt Plug #3** (22 sx, 25.96 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt with 2% CaCl2) from 2198' to 2004' to cover Nac top. TOH. Load BH with less than 1/8 bbl. Pressure test BH with 300 psi, held ok. WOC. TIH. Tag plug #3 at 2026'. TOH. TIH. Set CR at 1634'. Sting out. Load hole with 27 bbl, circ 40 bbl total. Attempt to press test csg. Bled 800 psi to 750 psi in 3 min. Mix & pump **Cmt Plug #4** (26 sx, 30.68 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 1634' to 1405' to isolate SJ perfs. TOH. SDFN. Bryce Hammond, JAT-BLM on location.
- 5/15/13:** SICP 0 psi. SIBHP 0 psi. No H2S monitored. TIH tag plug #4 at 1432'. TOH to 603'. Load hole with 2 bbl. Mix & pump **Cmt Plug #5** (77 sx, 90.86 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 603' to surface to cover 8 5/8" csg shoe & surface. Pumped 71 sx at 603' to circ good cmt out csg valve. PUH to 73' & pump 6 sx to circ good cmt out csg valve again. TOH. ND BOP. Dig out & cut-off wellhead. Cmt at cutoff in 5 1/2" csg & at 60' in 8 5/8" csg. RD rig. Mix & pump 32 sx 15.6# class 'B' cmt to top off csg & set DHM. Release rig. Tony Waupekenay, JAT-BLM on location.