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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 01 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

Farmington Field Office

SUNDRY NOTICES AND REPORTS ON WELLS of Land Management
*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. Jic Contract 458
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) 1050' FNL & 1700' FWL NE/NW Section 8 T30N R3W (UL: C)		8. Well Name and No. Jicarilla 458-8 #6
		9. API Well No. 30-039-25757
		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
BP	<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"/> Final Abandonment Notice	<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.)

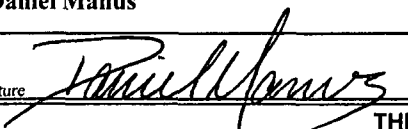
Black Hills Gas Resources has plugged & abandoned this well as follows:

See attachment.

RCVD MAY 7 '13

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed) Daniel Manus			Title Regulatory Technician
Signature 		Date May 1, 2013	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by		Title	Date MAY 03 2013
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 FARMINGTON FIELD 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



Black Hills Gas Resources

Jicarilla 458-8 #6

Rio Arriba County, New Mexico

Plug and Abandon

Black Hills Gas Resources has plugged & abandoned this well as follows:

4/16/13: 10:00 AM, Notified BLM, JAT-BLM, & NMOCD of upcoming operations.

4/17/13: MIRU A Plus Well Service Rig #14. SITP 15 psi. SICP 520 psi. SIBHP 0 psi. Set up H2S monitors. Bled well down. No H2S monitored. ND WH. NU & function test BOP. TOH with 2 3/8" tbg. SDFN.

4/18/13: SITP 460 PSI. SICP 460 psi. SIBHP 0 psi. Bled well down. No H2S monitored. TOH, LD 2 3/8" tbg. TIH with 2 3/8" workstring. Solid tag at 3405'. Received approval from Rod Velarde JAT-BLM, Steve Mason BLM at 10:45 AM & Brandon Powell NMOCD at 11:45 AM to pump plug #1 from 3405'. Circulate hole clean with 85 bbls. Attempt to pressure test csg. Bled 800 psi to 700 psi in 30 sec. Mix & pump **Cmt Plug #1** (50 sx, 59 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl₂) from 3405' to 2953' to cover Kirtland & Ojo Alamo. TOH. WOC. TIH. Tag plug #1 at 3000'. TOH to 2075'. Attempt to pressure test csg. Bled 800 psi to 775 psi in 2 min. Mix & pump **Cmt Plug #2** (73 sx, 86.14 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 2075' to 1415' to cover Nac top & San Jose perfs. TOH. SDFN. Monitored up to 4 ppm H2S when circulating. Rod Velarde, JAT-BLM on location.

4/19/13: SITP 0 PSI. SICP 0 psi. SIBHP 0 psi. TIH. Tag plug #2 at 1475'. Pressure test csg to 850 psi. Held ok 5 min. RU pump to BH. Pump 11 bbls to establish circulation out ground 6' from WH. Dig out csghead. Pump 1 bbl down BH. Circ out ground in cellar 2' from WH. TOH to 573'. WOO. Receive approval from Rod Velarde JAT-BLM, Steve Mason BLM at 8:45 AM & Brandon Powell NMOCD at 10:00 AM to continue with procedure. Mix & pump **Cmt Plug #3** (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) inside csg from 573' to 393' to cover 8 5/8" shoe. TOH. Perf 4 holes at 100'. Est circ thru perfs. Had split returns out BH valve & ground in cellar. Mix & pump **Cmt Plug #4** (56 sx, 66.08 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 100' to surface. Pumped 46 sx to circ good cmt out BH valve. Shut in BH & pump 10 sx to circ good cmt out ground in cellar. ND BOP. Clean out cellar. Cut off wellhead. TOC at cutoff in 5 1/2" csg & 8 5/8" csg. RD rig. Mix & pump 24 sx 15.6# class B cmt to set DH marker. **Release A-Plus Rig #14.** Rod Velarde, JAT-BLM on location.
