

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
AUG 14 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. <b>Jicarilla Contract 459</b>
2. Name of Operator <b>Black Hills Gas Resources, Inc.</b>		6. If Indian, Allottee, or Tribe Name <b>Jicarilla Apache Tribe</b>
3a. Address <b>3200 N 1st St, Bloomfield, NM 87413</b>	3b. Phone No. (include area code) <b>(505) 634-5104</b>	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1850' FNL &amp; 2510' FEL SW/NE Section 17 T30N R3W (UL: G)</b>		8. Well Name and No. <b>Jicarilla 459-17 #9</b>
		9. API Well No. <b>30-039-2573663</b>
		10. Field and Pool, or Exploratory Area <b>Cabresto Cnyn Tert. &amp; E. Blanco PC</b>
		11. County or Parish, State <b>Rio Arriba County, New Mexico</b>

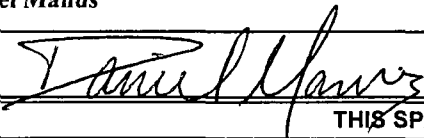
**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see attachment:

RCVD AUG 16 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed) <b>Daniel Manus</b>		Title <b>Regulatory Technician II</b>
Signature 	Date <b>Aug 12, 2013</b>	RECEIVED FOR RECORD <b>AUG 15 2013</b>
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)

NMOC D



## Black Hills Gas Resources

### Jicarilla 459-17 #9

#### Plug and Abandon Subsequent Report

- 7/31/13:** SITP 200 psi. SICP 0 psi. SIBHP 0 psi. Blow down well. Function test BOP. Pump 30 bbl down tbgs & 15 bbl down csg. Work packers free. TOH. LD 2 3/8", 4.7#, J-55 tbgs & packers. TIH with 2 3/8", 4.7#, J-55 workstring. Tag at 3849'. Pump 74 bbls ahead. Mix & pump **Cmt Plug #1** (72 sx, 84.96 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 3849' to 3214' to cover PC, Fruitland, & Kirtland tops. Displace w/6.5 bbl. TOH to 2000'. SDFN. No H2S monitored. Ray Espinoza with BLM on location.
- 8/01/13:** SITP 0 psi. SICP 45 psi. SIBHP 0 psi. Blow down well. Function test BOP. TIH, tag plug #1 at 3254'. TOH to 3234'. Pump 52.5 bbl ahead. Mix & pump **Cmt Plug #2** (36 sx, 42.48 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt, 2% CaCl2) from 3234' to 2917' to cover Ojo Alamo interval. Displace with 6 bbl. TOH to 1600'. WOC. TIH, tag plug #2 at 3022'. TOH to 2041'. Pump 44 bbl ahead. Mix & pump **Cmt Plug #3** (28 sx, 33.04 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 2041' to 1794' to cover Nacimiento top. Displace with 3.25 bbl. TOH. SDFN. No H2S monitored. Ray Espinoza with BLM on location.
- 8/02/13:** SICP 20 psi. SIBHP 0 psi. Blow down well. Function test BOP. TIH, tag plug #3 at 1760'. TOH. TIH, set cmt retainer at 1513'. Release off CR. Circ hole clean with 37 bbl. Pressure test csg with 800 psi, held ok 15 min. TOH. Blue Jet WL ran CBL from 1516' to surface. Cmt in annulus up to 530'. Load BH with 5.5 bbl. Pressure test BH with 350 psi, held ok 15 min. Rec'd ok by Ray Espinoza BLM, Steve Mason BLM, Bryce Hammond JAT-BLM & Brandon Powell NMOCD 8-2-13 at 12 noon to continue with procedure. TIH to CR. Pump 2 bbl ahead. Mix & pump **Cmt Plug #4** (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 1513' to 1337' to cover San Jose interval. TOH to 588'. Mix & pump **Cmt Plug #5** (20 sx, 23.6 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 588' to 412' to cover 8 5/8" shoe. TOH. Perf 3 holes at 100'. Pump 5 bbl ahead. Mix & pump **Cmt Plug #6** (34 sx, 40.12 cu ft, 15.6 ppg, 1.18 yield, class 'B' cmt) from 100' to surface. Circ good cmt out BH valve. ND BOP. Dig out & cut off wellhead. Cmt at 4' in 5 1/2" csg & surface in 8 5/8" csg. Mix & pump 18 sx 15.6# class 'B' cmt to top off & set DHM. SDFWE. No H2S monitored. Ray Espinoza with BLM on location.
- 8/05/13:** RD release rig.