

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 460</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>P.O. Box 249 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>7487' FSL &amp; 987' FWL SW/SW Section 21 T30N R3W (UL: M) 787</b>		8. Well Name and No. <b>Jicarilla 460 SJ #2</b>
		9. API Well No. <b>30-039-26229</b>
		10. Field and Pool, or Exploratory Area <b>Cabresto Canyon Tertiary</b>
		11. County or Parish, State <b>Rio Arriba County, New Me</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 recomplate 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 recompletion 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.)

Please find P&A summary report on attachment.

OIL CONS. DIV DIST. 3

JUN 25 2015

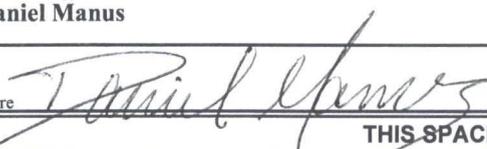
ACCEPTED FOR RECORD

JUN 22 2015

FARMINGTON FIELD OFFICE  
BY: 

Approved as to plugging  
of the well bore. Liability  
under bond is retained until  
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed) **Daniel Manuz** Title **Regulatory Technician II**

Signature  Date **June 18 2015**

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)

787' FSL and 987' FWL, Section 21, T-30-N, R-3-W  
Rio Arriba County, NM  
Lease Number: Jicarilla Contract 460  
API #30-039-26229

**Plug and Abandonment Summary:**

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- Plug #1** with CR at 1529' spot 20 sxs (23.6 cf) Class B cement inside casing from 1529' to 1259' to cover the San Jose Perfs.
- Plug #2** with 26 sxs (30.68 cf) Class B cement inside casing from 290' to surface to cover 8-5/8" shoe and surface.
- Plug #3** with 24 sxs Class B cement through polypipe to top off casings and install P&A marker with coordinates 36° 47' 31" N / 107° 9' 43" W.

**Plugging Work Details:**

- 5/21/15 Notified B. Hammond Jicarilla BLM, R. Espinoza BLM, & B. Powell NMOCD. Road rig and equipment to location. RU McGuire H2S monitor equipt. Spot in and RU A-Plus #14. SITP and SICP 60 PSI. SIBHP 0 PSI. Blow well down. No H2S monitored. ND wellhead. NU and function test BOP. SI well. SDFD.
- 5/22/15 SITP and SICP 55 PSI and SIBHP 0 PSI. Blow well down. Function test BOP. Monitored up to 9 ppm H2S at pit. Pump 1 gallon scavenger fluid and 4 bbl fresh wtr down csg. Wait 15 minutes, no H2S at pit. Pump 7 bbl fresh wtr down tubing. Up to 4 PPM H2S at pit while pumping dropped to 0 PPM. TOH and LD 1.9" prod tubing. PU 4-1/2" casing scraper & 2 3/8" workstring & TIH to 1552'. TOH. PU 4-1/2" CR and set at 1529'. Release from CR. Pressured up BH to 300 PSI with 1/8 bbl, OK. Circulate well clean. Pressure test casing to 800 PSI, OK. **Spot plug #1** with calculated TOC at 1259'. TOH. TIH open-ended to 290'. **Spot plug #2** with TOC at surface. Circ good cmt out csg valve. TOH. ND BOP and NU wellhead. Dig out wellhead. Write Hot Work Permit. Cut off wellhead. Found cement down 30' in 4-1/2" casing and down 12' in 8-5/8" casing. **Spot plug #3** with Class B cement through polypipe to top off casings and install P&A marker with coordinates 36° 47' 31" N / 107° 9' 43" W. RD and MOL.

Reuben Perea, Jicarilla BLM representative, was on location.  
Gary Johnson, McGuire's representative, was on location.