

RECEIVED

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 20 2014

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.**

3. Lease Serial No.	MDA 701-98-0013 Tract 4
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 30-03-36 #3
9. API Well No.	30-039-27826
10. Field and Pool, or Exploratory Area	E. Blanco PC/Cabresto Canyon Tert.
11. County or Parish, State	Rio Arriba County, New Mexico

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**Black Hills Gas Resources, Inc.**

3a. Address      3b. Phone No. (include area code)  
**P.O. Box 249 Bloomfield, NM 87413**      **(505) 634-5104**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1250' FNL & 1355' FEL NE/NW Section 36 T30N R3W (UL: 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.)

**RCUD SEP 12 '14**  
**OIL CONS. DIV.**  
**DIST. 3**

**Black Hills Gas Resources has plugged & abandoned Jicarilla 30-03-36 #3 per attachment.**

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

**ACCEPTED FOR RECORD**  
**SEP 10 2014**  
**FARMINGTON FIELD OFFICE**  
**BY: T. Salvors**

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

Signature *Daniel Manus* Date **August 20 2014**

**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.

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)

**NMCGDA**

1250' FNL and 1355' FEL, Section 36, T-30-N, R-3-W  
Rio Arriba County, NM  
Lease Number: MDA 701-98-0013  
API #30-039-27826

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 7/30/14

**Plug and Abandonment Summary:**

- Plug #1** with 89 sxs (105.02 cf) Class B cement inside casing from 3687' to 2901' to cover the Pictured Cliffs, Kirtland and Ojo Alamo tops. Tag TOC at 2991'. ✓
- Plug #2** with 61 sxs (71.98 cf) Class B cement inside casing from 2301' to 1763' to cover the Nacimiento top. Tag TOC at 1764'. ✓
- Plug #3** with 20 sxs (23.6 cf) Class B cement inside casing from 1077'-901' to cover the San Jose perms. ✓
- Plug #4** with 44 sxs (51.92 cf) Class B cement inside casing from 330' to surface to cover 8-5/8" shoe and surface. 1) pumped 38 sxs to circulate good cement out of casing valve, 2) TOH and LD tubing, 3) pump 6 sxs to refill 5-1/2" casing. ✓
- Plug #5** with 16 sxs (18.88 cf) Class B cement top off casings and install P&A marker. ✓

**Plugging Work Details:**

- 7/30/14 Notified R. Perea Jicarilla BLM, BLM Cement Hotline & B. Powell NMOCD at 10 am, 7/30/14 of upcoming operations. ✓ MIRU A-Plus Well Service Rig #14 & McGuire H2S monitor equipment. Check well pressures: SITP and SIBHP 0 PSI, SICIP 100 PSI. No H2S detected. SDFD.
- 7/31/14 Check well pressures: SITP and SIBHP 0 PSI, SICIP 100 PSI. RU relief lines. Blow well down. Establish circulation. Casing on vacuum when stopped pumping. No H2S detected. NU BOP and function test. TOH and tally 2-3/8" production tubing. PU & TIH with 4-3/4" junk mill, bit sub, 6 - 3-1/2" drill collars & 2-7/8", 6.5#, N-80 workstring to 2421'. SI well. SDFD due to lightening nearby.
- 8/1/14 Check well pressures: Open up well; no pressures. No H2S recorded. Function test BOP. Continue PU and TIH w/ workstring. Tag CIBP at 3183'. RU power swivel & air foam unit. Unload hole with air foam, pressured up to 1100 PSI. Mill 6" then lost 12,000# of string weight. Pump 20 BBL down tubing. PU tubing string. CIBP came up hole with tubing string, CIBP at 3178'. Pump 75 bbls of water down well at 1.5 bpm while milling CIBP at 3178'. Made 4" then fell through, casing went on vacuum. TIH and tag CIBP at 3687'. TOH. LD mill. TIH and tag CIBP at 3687'. Pump 25 bbl ahead. Spot plug #1 with calculated TOC at 2901'. TOH. SI well. SDFD.
- 8/4/14 Open up well; no pressures. No H2S recorded. Function test BOP. PU 5-1/2" casing scraper. Tag plug #1 TOC at 2991'. TOH. PU 5-1/2" DHS CR and set at 2301'. Release from CR. Establish circulation. Spot plug #2 with calculated TOC at 1763'. TOH. Pump <1/8 bbl & pressure test bradenhead to 300 PSI, held ok. SI well. SDFD.
- 8/5/14 Open up well; no pressures. No H2S recorded. Function test BOP. Tag plug #2 at 1764'. PU 5-1/2" DHS CR and set at 1077'. Release from CR. Circulate well clean. Pressure test casing to 800 PSI, held ok. Spot plug #3 with calculated TOC at 901'. TOH. TIH to 330'. Spot plug #4 with TOC at surface. ND BOP. Dig out wellhead. Write Hot Work Permit. Cut off wellhead. Found cement at cut off point in 5-1/2" and 8-5/8" casings. SDFD. ✓
- 8/6/14 Travel to location. Spot plug #5 to top off casings and install P&A marker. Remove LOTO. RD and MOL. ✓
- Reuben Perea, Jicarilla BLM representative, was on location. ✓