

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 06 2015

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. MDA 701-98-0013, Tract 1
2. Name of Operator Black Hills Gas Resources, Inc.		6. If Indian, Allottee, or Tribe Name Jicarilla Apache Tribe
3a. Address P.O. Box 249 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) 200' FNL & 1700' FWL SE/NW Section 2 T29N R3W (UL: F)		8. Well Name and No. Jicarilla 29-03-02 #1
		9. API Well No. 30-039-26031
		10. Field and Pool, or Exploratory Area Cabresto Canyon Tert/E. Blanco PC
		11. County or Parish, State Rro Arriba, 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	<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 be 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 reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Black Hills Gas Resources had completed plugging the Jicarilla 29-03-02 #1 per the attached summary report.

Attachment: Plug and Abandonment Report.

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

ACCEPTED FOR RECORD

NOV 09 2015

FARMINGTON FIELD OFFICE
BY: *[Signature]*

OIL CONS. DIV DIST. 3

NOV 12 2015

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed)

Daniel Manus

Regulatory Technician II

Title

Signature

Date

[Signature] Nov 6, 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)

NMOCD

RV

2000' FNL and 1700' FWL, Section 2, T-29-N, R-3-W
Rio Arriba County, NM
Lease Number: MDA 701-98-0013
API #30-039-26031

Plug and Abandonment Report

Notified Jicarilla BLM, BLM & NMOCD on 10/14/15

Plug and Abandonment Summary:

- Plug #1** with CR at 3624' spot 85 sxs (100.3 cf) Class B cement with 1% CaCl₂ from 3624' to 2874' to cover the Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2952'.
- Plug #2** with 44 sxs (51.92 cf) Class B cement with 2% CaCl₂ from 2228' to 1840' to cover the Nacimiento top. Tag TOC at 1854'.
- Plug #3** with CR at 1567' spot 24 sxs (28.32 cf) Class B cement from 1567' to 1356' to cover the San Jose perms.
- Plug #4** with 50 sxs (59 cf) Class B cement from 325' to surface to cover the 8-5/8" casing shoe and surface, 1) pump 42 sxs to circulate good cement 5-1/2" casing valve, 2) TOH and LD all tubing and RU pump to 5-1/2" casing valve, 3) pump 8 sxs to re-fill 5-1/2" casing.
- Plug #5** with 26 sxs Class B cement thru poly pipe to top off 8-5/8" casing and install P&A marker with coordinates N 36° 45' 21" / W 107° 7' 24".

Plugging Work Details:

- 10/14/15 MIRU A-Plus rig #14 & McGuire H₂S monitor equipt. SITP 0 psi, SICP 0 psi, SIBHP 0 psi. Open up well. No H₂S monitored. TOH, LD rods & tbg pump plunger. SI well. SDFD.
- 10/15/15 SITP 0 psi, SICP 0 psi, SIBHP 0 psi. ND wellhead. NU BOP & function test. TOH & tally 2-3/8" tubing, LD tubing pump assembly. TIH w/ csg scraper to 3624'. TOH. TIH & set CR at 3624'. Load tbg w/ 5 bbls & pressure test tbg to 600 PSI, OK. Sting out, pump 35 bbls, establish fluid level at 1300'. Spot **plug #1** with calculated TOC at 2874'. TOH. SWI. SDFD.
- 10/16/15 SICP 0 psi, SIBHP 0 psi. Function test BOP. TIH and tag plug #1 at 2952'. TOH to 2228'. Spot **plug #2** with calculated TOC at 1840'. SI well & WOC. TIH & tag plug #2 at 1854'. TOH. TIH & set CR at 1567'. Circulate well clean. Pressure test 5 1/2" csg to 800 PSI, OK. Load bradenhead w/ 3 bbls & pressure test bradenhead to 300 PSI, OK. Spot **plug #3**. TOH. TIH to 325'. Spot **plug #4**. SWI. SDFD. Note: B. Hammond, Jicarilla BLM, T. Saylers, BLM and B. Powell, NMOCD approved spotting inside surface plug on plug #4.
- 10/19/15 SICP 0 psi, SIBHP 0 psi. Function test BOP. Cmt at surface in 5-1/2" csg. ND BOP and NU wellhead. Dig out wellhead. Write Hot Work Permit. Cut off wellhead. Found cement down 65' in 8-5/8" casing. Spot plug #5 with Class B cement thru poly pipe to top off 8-5/8" casing and install P&A marker with coordinates N 36° 45' 21" / W 107° 7' 24". RD & MOL.

Bryce Hammond, Jicarilla BLM representative, was on location.
Stephen Charley, McGuire representative, was on location.