

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

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) 1605' FSL & 755' FEL NE/SE Section 30 T29N R2W (UL: I)		8. Well Name and No. Jicarilla 29-02-30 #34
		9. API Well No. 30-039-29530
		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
<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 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 Jicarilla 29-02-30 #34 per attachment.

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

ACCEPTED FOR RECORD

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

SEP 10 2014

**FARMINGTON FIELD OFFICE
BY: T. Salyers**

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

Daniel Manus

Regulatory Technician II

Title

Signature

Date

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 AV

1605' FSL and 755' FEL, Section 30, T-29-N, R-2-W
Rio Arriba County, NM
Lease Number: MDA 701-98-0013
API #30-039-29530

Plug and Abandonment Report
Notified NMOCD and BLM on 8/8/14

Plug and Abandonment Summary:

- Plug #1** with 101 sxs (119.18 cf) Class B cement with 2% CaCl inside casing from 3586' to 2694' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 3034'. ✓
- Plug #1a** with 18 sxs (21.24 cf) Class B cement inside casing from 3034' to 2876' to cover the Ojo Alamo top. ✓
- Plug #2** with 32 sxs (37.76 cf) Class B cement inside casing from 2035' to 1753' to cover the Nacimiento top. ✓
- Plug #3** with 46 sxs (54.28 cf) Class B cement inside casing from 326' to surface to cover 8-5/8" shoe and surface, 1) pump 40 sxs to circulate good cement out 5-1/2" casing valve, 2) TOH and LD all tubing and plugging sub and RU pump to 5-1/2" casing valve, 3) pump 6 sxs to top off 5-1/2" casing. ✓
- Plug #4** with 24 sxs Class B cement top off with poly pipe and install P&A marker. ✓

Plugging Work Details:

- 8/11/14 Notified B. Hammond Jicarilla BLM, BLM Cement Hotline & B. Powell NMOCD at 10 AM 8/8/14 of upcoming operations. MIRU A-Plus Rig #14. Check well pressures: SITP 50 PSI, SICP 70 PSI and SIBHP 0 PSI. RU relief lines. Blow well down. ND wellhead. NU and function test BOP. PU on tubing string and LD hanger. TOH and LD 109 jnts 2-7/8" production tubing. PU plugging sub. PU and TIH with 2-3/8" workstring to 1474'. SI well. SDFD.
- 8/12/14 Check well pressures: SITP and SICP 110 PSI, SIBHP 0 PSI. Blow well down. Function test BOP. Finish TIH with workstring, tag fill at 3586'. Note: B. Hammond, Jicarilla BLM, T. Salyers, BLM and B. Powell, NMOCD approved plug #1 procedure change. ✓ Establish circulation. Spot plug #1 with calculated TOC at 2694'. SI well. WOC. Tag plug #1 TOC low at 3034'. Circulate well clean. Pressure test casing to 800 PSI, held OK. ✓ Pumped < 1/8 bbl and pressure tested bradenhead to 300 PSI, held OK. Spot plug #1a with calculated TOC at 2876'. ✓ TOH to 2035'. Load hole. Spot plug #2 with calculated TOC at 1753'. TOH to 326'. SI well. SDFD.
- 8/13/14 Open up well; no pressures. Function test BOP. Spot plug #3 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" casing and down 24' in 8-5/8" casing. Spot plug #4 thru poly pipe to top off casing and install P&A marker. RD and MOL. ✓

Bryce Hammond, Jicarilla BLM representative, was on location. ✓