

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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NOV 01 2016

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
☐ Oil Well ☒ Gas Well ☐ Other

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

3a. Address
3200 N 1st St, Bloomfield, NM 87413

3b. Phone No. (include area code)
(505) 634-5104

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
115' FNL & 2195' FEL NW/NE Section 28 T29N R2W (UL: B)

5. Lease Serial No.
MDA 701-98-0013, Tract 2

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 29-02-28 #13

9. API Well No.
30-039-29421

10. Field and Pool, or Exploratory Area
Burro Canyon Tert. / E. Blanco PC

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 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 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.)

Please find the attachment of the plug and abandonment report

ACCEPTED FOR RECORD

NOV 07 2016

FARMINGTON FIELD OFFICE
BY: [Signature]

OIL CONS. DIV DIST. 3

NOV 10 2016

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

Daniel Manus

Regulatory Technician II

Title

Date

November 1, 2016

Signature

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Office

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)

NMOCDA

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Black Hills Gas Resources, Inc.
Jicarilla 29-02-28 #13

Section 28, T-29-N, R-2-W
Rio Arriba County, NM
Lease Number: MDA 701-98-0013
API #30-039-29421

Plug and Abandonment Report
Notified Jicarilla BLM, BLM & NMOCD on 10/12/16

Plug and Abandonment Summary:

- Plug #1** with 97 sxs (114.46 cf) Class B cement from 3663' to 2807' to cover the Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2815'
- Plug #2** with 28 sxs (33.04 cf) Class B cement with 2% CaCl from 2025' to 1778' to cover the Nacimiento top. Tag TOC at 1788'.
- Plug #3** with CR at 1182' spot 24 sxs (28.32 cf) Class B cement from 1182' to 971' to cover the San Jose perms.
- Plug #4** with 40 sxs (47.2 cf) Class B cement from 333' to surface to cover the 8-5/8" shoe and surface, circulate good cement out 5-1/2" casing valve.
- Plug #5** with 24 sxs Class B cement through poly pipe to top off casings and install P&A marker with coordinates N 36° 42' 10" / W 107° 2' 48".

Plugging Work Details:

- 10/13/16 MIRU A-Plus #14. SITP 90 PSI, SICP 10 PSI and SIBHP 0 PSI. Blow well down. Pump 30 bbls of fresh water to kill well. Tubing on vacuum. ND wellhead. NU BOP and function test. TOH, tally 2-3/8" tubing. LD Model R packer. TIH w/ 2 3/8" tubing & plugging sub to 3663'. Pump 75 bbls total water ahead. Spot plug #1 with calculated TOC at 2807'. TOH. SI well. SDFD.
- 10/14/16 SICP 0 PSI and SIBHP 0 PSI. Function test BOP. TIH and tag TOC at 2815'. TOH to 2025'. Spot plug #2 with calculated TOC at 1778'. TOH. SI well and WOC. TIH, tag TOC at 1788'. TOH. TIH & set CR at 1182'. Sting out. Circulate well clean. Pressure test casing to 800 PSI, OK. Load bradenhead with 1/2 bbl and pressure test with 300 psi, OK. Spot plug #3 with calculated TOC at 971'. TOH. TIH open-ended to 333'. Spot plug #4 with TOC at surface. TOH. ND BOP. NU WH. SI well and SDFD.
- 10/17/16 SICP 0 PSI and SIBHP 0 PSI. Found cement down 23' in 5-1/2" casing. Cut off wellhead. Found cement down 29' in 8-5/8" casing. Spot plug #5 through poly pipe to top off casings and install P&A marker with coordinates N 36° 42' 10" / W 107° 2' 48". RD and MOL.

Reuben Perea, Jicarilla BLM representative, was on location.