

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
P.O. Box 249 Bloomfield, NM 87413

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1658' FNL & 1901' FEL SW/NE Section 18 T30N R3W (UL: G)

FORM APPROVED
OMB No. 1008-0137
Expires: July 31, 2010

5. Lease Serial No.
Jicarilla Contract 459

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 459 #3

9. API Well No.
30-039-24306

10. Field and Pool, or Exploratory Area
E. Blanco PC & Cabresto Cyn Tertiary

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 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 plugged Jicarilla 459 #3 per attached procedure.

Attachment: Plug and Abandon Report

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

OIL CONS. DIV DIST. 3

DEC 14 2015

ACCEPTED FOR RECORD

DEC 08 2015

FARMINGTON FIELD OFFICE

[Signature]

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

Daniel Manus

Regulatory Technician II

Title

Signature

[Signature]

Date

December 7, 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)

RV NMOCD

Black Hills Gas Resources
Jicarilla 459 #3

1658' FNL and 1901' FEL, Section 18, T-30-N, R-3-W
Rio Arriba County, NM
Lease Number: Jicarilla Contract 459
API #30-039-24306

Plug and Abandonment Report
Notified Jicarilla BLM, BLM & NMOCD on 11/10/15

Plug and Abandonment Summary:

- Plug #1** with CIBP at 3607' spot 77 sxs (90.86 cf) Class B cement with 2% CaCl from 3607' to 2592' to cover Pictured Cliffs interval, Fruitland, Kirtland tops & Ojo Alamo perfs & top. Tag TOC at 3114'.
- Plug #1A** with 24 sxs (28.32 cf) Class B cement from 3114' to 2798' to cover the Ojo Alamo perfs and top. Tag TOC at 2817'.
- Plug #2** with 28 sxs (33.04 cf) Class B cement from 2033' to 1664' to cover the Nacimiento top.
- Plug #3** with 24 sxs (28.32 cf) Class B cement from 199' to surface to cover the 8-5/8" shoe and surface, 1) pump 20 sxs to circulate good cement out 4-1/2" casing valve, 2) TOH & LD tubing. RU pump to 4-1/2" casing valve, 3) pump 4 sxs to refill 4-1/2" casing.
- Plug #4** with 16 sxs Class B cement to top off casings & install P&A marker with coordinates N 36° 48' 54" / W 107° 11' 23".

Plugging Work Details:

11/10/15 MIRU A-Plus #14 & McGuire H2S safety equipment. SDFD.

11/11/15 SITP 280 PSI, SICP 4 PSI, SIBHP 0 PSI. Blow well down. H2S 1 PPM. SI tubing ISIP 100 PSI. Pump 1 gallon scavenger and 28 bbls wtr down tubing on vacuum. Pump 1 gallon scavenger & 50 bbls wtr down casing on vacuum. ND WH. NU BOP & function test. Release packer. TOH w/ 2-3/8" tubing & pkr. RU wireline. Round trip 4-1/2" GR to 3650'. RIH & set CIBP at 3607'. POH. TIH w/ tubing, tag CIBP. SDFD.

11/12/15 SITP 0 psi, SICP 0 PSI, SIBHP 0 PSI. Pump 60 bbls down tubing. No circulation. Function test BOP. TOH. RU wireline. Ran CBL from 3600' to 1600', fluid level at 1500'. POH. Fruitland, Kirtland, Ojo Alamo and Nacimiento tops isolated with cement outside 4-1/2" casing. TIH w/ tubing to 3607'. Wait on orders. Note: B. Hammond, Jicarilla BLM, T. Saylers, BLM and B. Powell, NMOCD approved inside plugs on #1 & #2, if BH tests ok no CBL req'd, & inside plug on #3. Load BH w/ 1/4 bbl & pressure test to 300 PSI, OK. Spot **plug #1** with calculated TOC at 2592'. SI well & WOC. TIH & tag plug #1 at 3114'. Attempt to pressure test casing to 800 PSI, bled down to 750 PSI in 5 min. Spot **plug #1A** with calculated TOC at 2798'. PUH. SDFD.

11/13/15 SITP 0 psi, SICP 0 PSI, SIBHP 0 PSI. Function test BOP. TIH & tag plug #1A at 2817'. Pressure test casing to 800 PSI, OK. TOH to 2033'. Spot **plug #2** w/ calculated TOC at 1664'. TOH to 199'. Spot **plug #3** w/ TOC at surface. Dig out WH. Write Hot Work Permit. Cut off WH. Found cement at cut off point in 4-1/2" & 8-5/8" casings. Spot **plug #4** to top off casings & install P&A marker with coordinates N 36° 48' 54" / W 107° 11' 23". RD and MOL.

Rod Velarde, Dakota Whitehawk, Jicarilla BLM representatives, were on location.
Stephen Charley, McGuire representative, was on location.