

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 17 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
☐ 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)
1760' FSL & 1760' FEL NW/SE Section 5 T28N R2W (UL: J)

5. Lease Serial No.
MDA 701-98-0013, Tract2

6. If Indian, Allottee, or Tribe Name
Jicarilla Apache Tribe

7. If Unit or CA. Agreement Name and/or No.
**RCVD SEP 29 '14
OIL CONS. DIV.**

8. Well Name and No.
Jicarilla 28-02-05 #1

9. API Well No.
30-039-26098

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 28-02-05 #1 per attachment.

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

ACCEPTED FOR RECORD

SEP 25 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

1760' FSL and 1760' FEL, Section 5, T-28-N, R-2-W
Rio Arriba County, NM
Lease Number: MDA 701-98-0013
API #30-039-26098

Plug and Abandonment Report
Notified NMOCD and BLM on 8/12/14

Plug and Abandonment Summary:

- Plug #1** with 125 sxs (147.5 cf) Class B cement inside casing from 3752' to 2648' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2659' ✓
- Plug #2** with 40 sxs (47.2 cf) Class B cement with 2% calcium chloride inside casing from 2193' to 1832' to cover Nacimiento top. Tag TOC at 1860' ✓
- Plug #3** with CR at 1510' spot 20 sxs (23.6 cf) Class B cement inside casing from 1510' to 1330' to cover the San Jose perforations. ✓
- Plug #4** with 44sxs (51.92 cf) Class B cement inside casing from 318' to surface to cover the 8-5/8" shoe and surface, 1) pump 38 sxs to circulate good cement out 5-1/2" casing valve, 2) TOH and LD all tubing and plugging sub, 3) pump 6 sxs into 5-1/2" casing to re-fill. Tag cement 3' below ground level in 5-1/2" casing. ✓
- Plug #5** with 26 sxs Class B cement thru poly-pipe top off 8-5/8" casing and install P&A marker with coordinates 36° 39' 59" N/107° 3' 47" W. ✓

Plugging Work Details:

- 8/12/14 Notified B. Hammond Jicarilla BLM, R. Espinoza BLM, & B. Powell NMOCD at 3:45 PM, 8/12/14. ✓
- 8/13/14 MIRU A-Plus Rig #14. Check well pressures: SITP and SICP 45 PSI, SIBHP 0 PSI. Remove LOTO to allow well to produce overnight. SDFD.
- 8/14/14 LOTO equipment. Check well pressures: tubing and casing 25 PSI, SIBHP 0 PSI. RU relief lines. Blew well down. ND WH. NU and function test BOP. Release packer. TOH and LD 109 joints 2-3/8" tubing, 5-1/2" packer, 6 joints 2-3/8" tubing and SN. PU & TIH w/ 2-3/8" workstring to 3752'. Pump 50 bbls wtr down tbq. Spot plug #1 with calculated TOC at 2648'. Displace cement with 6.5 bbls. TOH. SI well. SDFD.
- 8/15/14 Open up well; no pressures. Function test BOP. TIH and tag plug #1 TOC at 2659'. Pump 44 bbls wtr down tbq. Spot plug #2 with calculated TOC at 1832'. TOH. SI well. WOC. PU 5-1/2" casing scraper. TIH and tag plug #2 TOC at 1860'. PU 5-1/2" DHS CR and set CR at 1510'. Circulate well clean. Pressure test casing to 800#, OK. RU to bradenhead valve. Pump 1 ¼ bbl, circulated out ground & filled cellar. Note: B. Hammond, Jicarilla BLM, T. Salyers, BLM and B. Powell, NMOCD approved procedure change to continue w/ inside plugs & top off BH after WH cutoff. ✓ Spot plug #3 from 1510' to 1330'. Spot plug #4 from 318' to surface. SI well. SDFD.
- 8/18/14 Open up well; no pressures. Tag cement 3' below ground level in 5-1/2" casing. ND BOP. Dig out wellhead. Write Hot Work Permit. Cut off wellhead. Found cement at cutoff point in 5-1/2" casing and down 90' in 8-5/8" casing. Spot plug #5 top off with poly-pipe and install P&A marker. ✓

Bryce Hammond, Dakota Whitehawk, Jicarilla BLM on location. ✓