

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 11 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 701-90-0002
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) 1660' FSL & 805' FWL NW/SW Section 32 T31N R3W (UL: L)		8. Well Name and No. Jicarilla 31-03-32 #31
		9. API Well No. 30-039-30316
		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 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 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 has plugged & abandoned Jicarilla 31-03-32 #31 per attachment.

OIL CONS. DIV DIST. 3

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

MAY 15 2015

ACCEPTED FOR RECORD

MAY 13 2015

**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)

NMOCDA

1660' FSL and 805' FWL, Section 32, T-31-N, R-3-W
Rio Arriba County, NM
Lease Number: MDA 701-90-0002
API# 30-039-30316

Page 1 of 1

Plug and Abandonment Summary:

Plug #1 with 93 sxs (109.74 cf) Class B cement inside casing from 4050' to 3554' to isolate the PC and Fruitland tops.✓

Plug #2 with 77sxs (90.86 cf) Class B cement inside casing from 3497' to 3086' to cover the Kirtland and Ojo Alamo tops.✓

Plug #3 with 32 sxs (37.76 cf) Class B cement inside casing from 2053' to 1883' to cover the Nacimiento top.✓

Plug #4 with 67 sxs (79.06 cf) Class B cement inside casing from 318' to surface to cover the casing shoe and surface. 1) Pump 63 sxs to circulate good cement out casing valve. 2) TOH LD all tubing and CIBP releasing tool. RU pump to 7" casing valve. 3) Pump 4 sxs to refill 7" casing.✓

Plug #5 with 18 sxs Class B cement top off casings and install P&A Marker at 36° 51' 9.26" N / 107° 10' 45.98" W.✓

Plugging Work Details

- 4/22/15 Notified B. Hammond Jicarilla BLM, BLM Cement Hotline, & B. Powell NMOCD at 7:45 AM, 4/22/15.
- 4/23/15 Held safety meeting. Road equipment to location. RU McGuire H2S monitor equipment. Spot in and RU A-Plus Rig #14. Check well pressures: tubing 32 PSI; casing 32 PSI; BH 0 PSI. Blow down well to pit. TOH with rods and pump. ND WH. NU and function test BOP. TOH and LD 58 joints 2-7/8" tubing. SI Well. SDFD. No H2S monitored.
- 4/24/15 Held safety meeting. 0 PSI on well. Open well to pit. Function test BOP. Finish LD tubing. PU A-Plus 7" string mill. PU workstring and TIH to 4073'. TOH. TIH and set Hydro-set CIBP at 4050'. Circulate well clean with 158 bbls water. Pressure test casing to 800 PSI, held ok for 20 minutes. Pressure test BH up to 300 PSI with 1/8 bbl of water, held ok. SI Well. SDFD. No H2S monitored.
- 4/27/15 Held safety meeting. 0 PSI on well. Open well to pit. Function test BOP. **Spot Plug #1.** TOH with tubing to 3497'. **Spot Plug #2.** TOH with tubing to 2053'. **Spot Plug #3.** TOH with tubing to 318'. **Spot Plug #4.** Dig out WH. Check for LEL, no LEL. No H2S monitored. Issue Hot Work Permit. Cut off WH. Cement at cut off point in 7" casing and at 5' in 9-5/8" casing. **Spot Plug #5** and install P&A Marker at 36° 51' 9.26" N / 107° 10' 45.98" W. RD & MOL.✓

✓

Reuben Perea, Jicarilla BLM, on location. Gary Johnson, McGuire Industries, on location.