

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
☐ 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)
1250' FNL & 1355' FEL NE/NW Section 36 T30N R3W (UL: B)

5. Lease Serial No.

MDA 701-98-0013 Tract 4

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 30-03-36 #3

9. API Well No.

30-039-27826

10. Field and Pool, or Exploratory Area

E. Blanco PC/Cabresto Canyon Tert.

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 recompletion 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 reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Black Hills Gas Resources has plugged & abandoned Jicarilla 30-03-36 #3 per attachment.

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

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

ACCEPTED FOR RECORD

SEP 10 2014

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

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

1250' FNL and 1355' FEL, Section 36, T-30-N, R-3-W
Rio Arriba County, NM
Lease Number: MDA 701-98-0013
API #30-039-27826

Plug and Abandonment Report
Notified NMOCD and BLM on 7/30/14

Plug and Abandonment Summary:

- Plug #1** with 89 sxs (105.02 cf) Class B cement inside casing from 3687' to 2901' to cover the Pictured Cliffs, Kirtland and Ojo Alamo tops. Tag TOC at 2991'. ✓
- Plug #2** with 61 sxs (71.98 cf) Class B cement inside casing from 2301' to 1763' to cover the Nacimiento top. Tag TOC at 1764'. ✓
- Plug #3** with 20 sxs (23.6 cf) Class B cement inside casing from 1077'-901' to cover the San Jose perms. ✓
- Plug #4** with 44 sxs (51.92 cf) Class B cement inside casing from 330' to surface to cover 8-5/8" shoe and surface. 1) pumped 38 sxs to circulate good cement out of casing valve, 2) TOH and LD tubing, 3) pump 6 sxs to refill 5-1/2" casing. ✓
- Plug #5** with 16 sxs (18.88 cf) Class B cement top off casings and install P&A marker. ✓

Plugging Work Details:

- 7/30/14 Notified R. Perea Jicarilla BLM, BLM Cement Hotline & B. Powell NMOCD at 10 am, 7/30/14 of upcoming operations. ✓ MIRU A-Plus Well Service Rig #14 & McGuire H2S monitor equipment. Check well pressures: SITP and SIBHP 0 PSI, SICP 100 PSI. No H2S detected. SDFD.
- 7/31/14 Check well pressures: SITP and SIBHP 0 PSI, SICP 100 PSI. RU relief lines. Blow well down. Establish circulation. Casing on vacuum when stopped pumping. No H2S detected. NU BOP and function test. TOH and tally 2-3/8" production tubing. PU & TIH with 4-3/4" junk mill, bit sub, 6 - 3-1/2" drill collars & 2-7/8", 6.5#, N-80 workstring to 2421'. SI well. SDFD due to lightning nearby.
- 8/1/14 Check well pressures: Open up well; no pressures. No H2S recorded. Function test BOP. Continue PU and TIH w/ workstring. Tag CIBP at 3183'. RU power swivel & air foam unit. Unload hole with air foam, pressured up to 1100 PSI. Mill 6" then lost 12,000# of string weight. Pump 20 BBL down tubing. PU tubing string. CIBP came up hole with tubing string, CIBP at 3178'. Pump 75 bbls of water down well at 1.5 bpm while milling CIBP at 3178'. Made 4" then fell through, casing went on vacuum. TIH and tag CIBP at 3687'. TOH. LD mill. TIH and tag CIBP at 3687'. Pump 25 bbl ahead. Spot plug #1 with calculated TOC at 2901'. TOH. SI well. SDFD.
- 8/4/14 Open up well; no pressures. No H2S recorded. Function test BOP. PU 5-1/2" casing scraper. Tag plug #1 TOC at 2991'. TOH. PU 5-1/2" DHS CR and set at 2301'. Release from CR. Establish circulation. Spot plug #2 with calculated TOC at 1763'. TOH. Pump <1/8 bbl & pressure test bradenhead to 300 PSI, held ok. SI well. SDFD.
- 8/5/14 Open up well; no pressures. No H2S recorded. Function test BOP. Tag plug #2 at 1764'. PU 5-1/2" DHS CR and set at 1077'. Release from CR. Circulate well clean. Pressure test casing to 800 PSI, held ok. Spot plug #3 with calculated TOC at 901'. TOH. TIH to 330'. Spot plug #4 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" and 8-5/8" casings. SDFD. ✓
- 8/6/14 Travel to location. Spot plug #5 to top off casings and install P&A marker. Remove LOTO. RD and MOL. ✓
- Reuben Perea, Jicarilla BLM representative, was on location. ✓