

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. MDA-701-98-0013, Tract 1
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. RCUD SEP 29 14 OIL CONS. DIV.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1625' FSL & 955' FEL Section 19 T29N R2W (UL:I)		8. Well Name and No. Jicarilla 29-02-19 #34
		9. API Well No. 30-039-29531
		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 29-02-19 #34 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. Solvers

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

Daniel Manus	Regulatory Techician II
Signature <u>Daniel Manus</u>	Title
	Date <u>Sept 17, 2014</u>

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

1625' FSL and 955' FEL, Section 19, T-29-N, R-2-W
Rio Arriba County, NM
Lease Number: MDA 701-98-0013
API #30-039-29531

Plug and Abandonment Report
Notified NMOCD and BLM on 8/18/14

Plug and Abandonment Summary:

- Plug #1** with 93 sxs (109.74 cf) Class B cement inside casing from 3552' to 2731' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. Tag TOC at 2786'. ✓
- Plug #2** with 40 sxs (47.2 cf) Class B cement inside casing from 2037' to 1684' to cover the Nacimiento top. Tag TOC at 1741'. ✓
- Plug #3** with CR at 944' spot 24 sxs (28.32 cf) Class B cement inside casing from 944' to 733' to cover the San Jose perms. ✓
- Plug #4** with 53 sxs (62.54 cf) Class B cement inside casing from 386' to surface to cover 8-5/8" shoe and surface, 1) pump 47 sxs to circulate good cement out casing valve, 2) TOH and LD all tubing and plugging sub and RU pump to 5-1/2" casing valve, 3) pump 6 sxs to refill 5-1/2" casing. ✓
- Plug #5** with 14 sxs Class B cement top off casings and install P&A marker with coordinates 36° 42' 29" W/107° 4' 43" W. ✓

Plugging Work Details:

- 8/18/14 Notified B. Hammond Jicarilla BLM, R. Espinoza BLM, & B. Powell NMOCD at 8:00 AM, 8/18/14. MIRU A-Plus Rig #14. SDFD.
- 8/19/14 RD wellhead tree. Check well pressures: tubing 55 PSI, casing 20 PSI and bradenhead 0 PSI. RU relief lines. Blow well down. Pump 20 bbls down tubing & 6 bbls down casing. ND wellhead. PU on tubing string, set slips, remove tubing hanger. Strip on BOP, NU and function test. Release packer. Well flowing up casing then died. TOH and tally 44 jnts 2-3/8" tubing, 5-1/2" packer, 66 jnts 2-3/8" tubing, F-nipple and 2' sub. SI well. SDFD.
- 8/20/14 Check well pressures: SICP 15 PSI and SIBHP 0 PSI. Blow well down. Function test BOP. TIH with 2-3/8" workstring to 3552'. Pump 60 bbls ahead. Spot plug #1 with calculated TOC at 2731'. TOH. SI well. WOC. TIH and tag plug #1 at 2786'. TOH to 2037'. RU to bradenhead valve. Pump ¼ bbl and circulated up bottom of cellar. Note: B. Hammond, Jicarilla BLM, T. Salyers, BLM and B. Powell, NMOCD approved procedure change to continue with inside plugs & top off BH after WH cut off. ✓ Spot plug #2 with calculated TOC at 1684'. TOH. SI well. SDFD.
- 8/21/14 Open up well; no pressures. PU 5-1/2" casing scraper. TIH and tag plug #2 at 1741'. PU 5-1/2" DHS CR and set at 944'. Circulate well clean. Pressure test casing to 800 PSI, OK. Spot plug #3 with calculated TOC at 733'. TOH. TIH to 386'. Spot plug #4 with TOC at surface. ND BOP. Attempt to dig out wellhead. SI well. SDFD.
- 8/22/14 Open up well; no pressures. Dig out wellhead with jack hammer. Write Hot Work Permit. Cut off wellhead. Cement at cut off point in 5-1/2" casing & down 1' below cut off point in 8-5/8" casing. Spot plug #5 top off casings and install P&A marker with coordinates 36° 42' 29" W/107° 4' 43" W. RD and MOL 8/23/14. ✓
- Bryce Hammond, Dakota Whitehawk, Jicarilla BLM, on location. ✓