

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

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 reverse side.

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)
505-634-1111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**430' FNL & 880' FEL (NE NE) Unit A
Sec 31, T29N, R2W**

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

7. If Unit or CA. Agreement Name and/or No.
Jicarilla Apache Tribe

8. Well Name and No.
Jicarilla 29-02-31 #14

9. API Well No.
30-039-29317

10. Field and Pool, or Exploratory Area
**Burro Canyon Tertiary, Basin Fruitland
Coal & East Blanco Pictured Cliffs**

11. County or Parish, State
Rio Arriba, NM

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 recomple horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. 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 recomple 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 and abandoned this well as per the attached report dated Feb 4, 2008.

RCVD FEB 15 '08

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Loren Diede

Title

Consultant (Agent)

Signature

Date

13-Feb-08

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

ACCEPTED FOR RECORD

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)

NMOC

FARMINGTON FIELD OFFICE

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Black Hills Gas Resources, Inc.

Jicarilla 29-02-31 #14

February 4, 2008

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430' FNL & 880' FEL, Section 31, T-29-N, R-2-W

Rio Arriba County, NM

Lease Number: MDA 701-98-0013

API #30-039-29317

Plug and Abandonment Report

Notified JAT - BLM / NMOCD on 1/23/08

Work Summary:

01/24/08 Attempt to MOL. Snow and ice-packed roads.

01/25/08 MOL and RU.

01/28/08 Check well pressures: casing, 200 PSI; bradenhead, 0 PSI. Lay relief lines to pit. Blow well down. ND wellhead. NU BOP, test. Round trip 5.5" casing scraper to 3470', well kicking. Pump 20 bbls down tubing to kill well. TIH with 5.5" DHS CR to 3442'. Test pop-off on pump. Load hole with 20 bbls of water. Load tubing with 8-1/2 bbls of water. Pressure test tubing to 1000 PSI, held OK. Release and sting out of CR. Load hole with 50 bbls of water. No returns out casing valve.

Plug #1 with CR at 3442', spot 60 sxs Type III cement (80 cf) inside casing from 3442' up to 2836' to isolate the Pictured Cliffs interval, cover and fill the Fruitland interval, cover the Kirtland top. Partial returns out casing valve contain paraffin. TOH and LD tubing. Shut in well. SDFD.

01/30/08 Check well pressures: casing, 10 PSI; bradenhead, 0 PSI. Blow well down. TIH with tubing and tag cement at 3140'. Load bradenhead with 1/4 bbl of water. Pressure test bradenhead to 300 PSI, held OK. Load tubing with 8 bbls of water. Paraffin, gas and dirty water in returns. Load hole with 30 bbls of water.

Plug #2 spot 45 sxs Type III cement (60 cf) with 2% CaCl₂ inside casing from 3140' up to 2696' to isolate the Ojo Alamo interval and cover the Nacimiento squeezed perforations.

TOH and LD tubing. Shut in well. WOC. TIH and tag cement at 2780'. PUH to 1984'. Load hole with 4 bbls of water. Dirty water in returns. Load hole with 20 bbls of water.

Plug #3 spot 20 sxs Type III cement (27 cf) inside casing from 1984' up to 1787' to cover the Nacimiento top.

TOH and LD tubing. Shut in well. SDFD.

01/31/08 Attempt to start rig. Batteries dead and fuel gelled. TIH and tag cement at 1810'. PUH to 1287'. Partially dig out wellhead (ground frozen) while waiting on batteries. Replace batteries on equipment. Load hole with 6 bbls of water.

Plug #4 spot 25 sxs Type III cement (33 cf) inside casing from 1287' up to 1040' to cover the San Jose perforations and top.

TOH and LD tubing. Shut in well. SDFD.

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Black Hills Gas Resources, Inc.
Jicarilla 29-02-31 #14

February 4, 2008
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Work Summary – Continued:

02/01/08 Open well, no pressure. TIH and tag cement at 1145'. PUH to 345'. Load hole with 2-1/2 bbls of water. Load hole with 8 bbls of water. Pressure test casing to 500 PSI, held OK.

Plug #5 mix and pump 43 sxs Type III cement (57 cf) from 345' to surface, circulate good cement out casing valve.

TOH and LD all tubing. ND BOP. Found cement down 12' in 5.5" casing. Dig out wellhead. Monitor atmosphere and issue Hot Work Permit. Cut off wellhead. Found cement at the surface in the bradenhead.

Mix 30 sxs Type III cement and install P&A marker.

02/02/08 Wait for snow on highway to melt.
RD. MOL.

Rod Velarde, JAT – BLM representative, was on location.

Jicarilla 29-02-31 #14

Actual P&A

East Blanco PC / Basin FtC / Burro Canyon Tertiary

Today's Date 2-04-2008

430' FNL & 880' FEL, NE, Section 31, T-29-N, R-2-W

Rio Arriba County, NM / API #30-039-29317

Plug #6: Top out @ surface
Type III cement, 40 cu ft

Spud: 2/9/05

Multi-Zone Completion: 4/20/05

Elevation: 7069' GI
7081' KB

12.25" hole

TOC @ Surface (CBL 2005)

8.625" 24#, Casing set @ 281'
Cement with 200 sxs (Circulated to Surface)

Plug #5: 345' - 0'
Type III cement, 57 cu ft

Plug #4: 1287' - 1040'
Type III cement, 33 cu ft

San Jose Perforations:
1226' - 1231', dry (2007)

Plug #3: 1984' - 1810'
Type III cement, 27 cu ft

Nacimiento Perforations:
2838' - 2840', squeezed (2005)

Plug #2: 3140' - 2780'
Type III cement, 60 cu ft

Ojo Alamo Perforations:
3280' - 3282'

Plug #1: 3442' - 3140'
Type III cement, 80 cu ft

Fruitland Coal Perforations:
3404' - 3438'

Set Cement Retainer @ 3442'

Pictured Cliffs Perforations:
3449' - 3550'

5.5" 15.5#, Casing set @ 3611'
Cemented with 600 sxs,
Circulate 40 bbls to Surface

7.875" hole

TD 3633'
PBDT 3595'

Nacimiento @ 1930'

Ojo Alamo @ 3245'

Kirtland @ 3320'

Fruitland @ 3380'

Pictured Cliffs @ 3445'