

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)
**Unit D NW NW Sec 11, T29N, R3W
450' FNL & 860' FWL**

5. Lease Serial No.
MDA 701980013

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 29-03-11 #3

9. API Well No.
30-039-27847

10. Field and Pool, or Exploratory Area
Basin FC & Cabresto Canyon Tert

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"/> 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"/> Final Abandonment Notice	<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 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 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 and abandoned this well as per the attached report. P&A was finished 12-28-2006.

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

Name (Printed/ Typed)

Loren Diede

Title

Consultant (Agent)

Signature

Date

January 9, 2007

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.

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)

ACCEPTED FOR RECORD

JAN 10 2007

FARMINGTON FIELD OFFICE

NWOC

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 29-03-11 #3

December 29, 2006

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450' FNL & 860' FWL, Section 11, T-29-N, R-3-W

Rio Arriba County, NM

Lease Number: MDA 701-98-0013

API #30-039-27847

Plug and Abandonment Report

Notified JAT - BLM & NMOCD on 12/12/06

Work Summary:

12/15/06 Move on location. RU rig. SDFD.

12/18/06 Well pressures: tubing, 425 PSI; casing, 105 PSI; bradenhead, 0 PSI. Blow down well. ND wellhead. NU BOP, test. TOH with 108 joints 2.375" tubing and packer on/off tool. Packer left in hole. Wait on orders. TIH with on/off tool and tie on to packer at 3325'. Drag packer up to 3315', pulling 35,000#. Push packer down hole to 3571'. Wait on orders. Procedure change approved by Bryce Hammond with JAT-BLM and Henry Villanueva, NMOCD; plan to release packer set plug above. Release from packer at 3571'. Pump 10 bbls water down tubing.

Plug #1 spot 21 sxs Type III cement (28 cf) inside casing from 3571' up to 3364' to isolate the Fruitland perforations and cover the Kirtland top.

TOH and LD packer on/off tool. Shut in well. SDFD.

12/19/06 Poor road conditions. Standby.

12/20/06 Attempt to travel to location. Roads icy and snow-packed. SDFD.

12/21/06 Well pressures: casing, 0 PSI; bradenhead, 0 PSI. TIH with tubing and tag cement at 3462'. TOH with tubing. Round trip 5.5" casing scraper to 3075'. PU 5.5" DHS cement retainer; setting tool malfunction. Setting sleeve locked into run position, won't release. Procedure change approved by Steve Mason with BLM, to spot balanced plug without CR. TIH with open ended tubing to 3462'. Load hole with 10 bbls of water.

Plug #2 with 62 sxs Type III cement (82 cf) inside the casing from 3462' up to 2850' to cover the Ojo Alamo top and to fill the Nacimiento perforations.

TOH with tubing. Shut in well. SDFD.

12/22/06 Well pressures: casing, 0 PSI; bradenhead, 0 PSI. TIH with tubing and tag cement at 2852'. PUH to 2015'. Load hole with 1.5 bbls of water. Pressure test bradenhead annulus to 300 PSI, held OK for 5 minutes. Load well with 14 bbls of water; pump total of 25 bbls of water down tubing.

Plug #3 with 17 sxs Type III cement (23 cf) inside the casing from 2018' up to 1848' to cover the Nacimiento top.

TOH with tubing. Shut in well. SDFD.

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Jicarilla 29-03-11 #3

December 29, 2006
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Work Summary Continued:

12/27/06 TIH with tubing and tag cement at 1767'. TOH with tubing. TIH with 5.5" DHS CR and set at 1176'. Load tubing with 3 bbls of water. Pressure test tubing to 1400 PSI, held OK for 5 minutes. Sting out of CR. Load casing with 12 bbls of water. Circulate well clean with an additional 30 bbls of water. Pressure test casing to 500 PSI, held OK for 5 minutes. Sting into CR. Establish rate 1 bpm at 800 PSI into San Jose perforations.

Plug #4 with CR at 1176', mix and pump 76 sxs Type III cement (101 cf), squeeze 63 sxs outside casing, final displacement rate 1/2 bpm at 1000 PSI, sting out of CR and leave 13 sxs inside the casing above the CR up to 1048' to isolate the San Jose perforations.

TOH and LD retainer setting tool. TIH with open-ended tubing to 330'. Load hole with 2 bbls of water.

Plug #5 with 35 sxs Type III cement (47 cf) down the 5.5" casing from 330' to surface, circulate good cement out the casing valve.

TOH and LD all tubing. ND BOP.

Dig out wellhead. NU wellhead. Shut in well. SDFD.

12/28/06 Issue Hot Work permit. Cut off wellhead.

Mix 25 sxs Type III cement and install P&A marker.

RD. MOL.

B. Hammond, JAT-BLM representative, was on location.

Jicarilla 29-03-11 #3
Post-P&A WB Diagram
NW NW Sec 11, T29N, R3W Rio Arriba, NM

Elev. GL 7130'
 Elev. KB 7143'

