

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office

RECEIVED

OCT 08 2009

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. <b>NM 43752</b>
2. Name of Operator <b>Black Hills Gas Resources</b>	6. If Indian, Allottee, or Tribe Name
3a. Address <b>3200 N 1st Street PO Box 249 Bloomfield, NM 87413</b>	7. If Unit or CA. Agreement Name and/or No.
3b. Phone No. (include area code) <b>505-634-1111 ext 28</b>	8. Well Name and No. <b>Johnson Federal #12-5</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1,650' FNL &amp; 960' FWL SW/4 NW/4 Section 12 T25N R2W Unit E</b>	9. API Well No. <b>30-039-23611</b>
	10. Field and Pool, or Exploratory Area <b>Gavilan Mancos</b>
	11. County or Parish, State <b>Rio Arriba, New Mexico</b>

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 plug and abandon the Johnoson Federal #12-5 as per the attached report dated September 24, 2009.

RCVD OCT 15 '09  
OIL CONS. DIV.  
DIST. 3

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

<b>Daniel Manus</b>	Title <b>Regulatory Technician</b>
Signature <i>Daniel Manus</i>	Date <i>October 8, 2009</i>

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)

ACCEPTED FOR RECORD

OCT 09 2009

NMOCD

FARMINGTON FIELD OFFICE

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13* - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or

present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

## NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c); and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3 - 2, 3162.3 - 3, 3162.3 - 4.

The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency -sponsored information collection unless it displays a currently valid OMB control number.

## BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Black Hills Gas Resources  
Johnson Federal #12-5

September 24, 2009  
Page 1 of 2

1650' FNL & 960' FWL, Section 12, T-25-N, R-2-W  
Rio Arriba Country, NM  
Lease Number: NM 43752  
API#30-039-23611

## Plug and Abandonment Report

Notified NMOCD and BLM on 9/14/09

### Plugging Summary:

09/14/09 MOL and RU. SDFD.

09/15/09 Check well pressures: casing, 75 PSI; tubing and bradenhead 0 PSI. TOH and LD 1 – 20' polish rod with damaged liner and stuffing box. LD 1 - 4', 6' and 8' - 7/8" pony rods, 102 - 7/8" rods, 97 - 3/4" rods and 1 broken 3/4" rod. ND wellhead. Blow well down. NU BOP and test. PU on donut; tie down nut; very rusty. Took 2.5 hours to unseat donut pulling 80,000#. TOH and tally tubing; drilling mud on wiping rubber after pulling 10 stands. PUH with tubing to 2852' and found gas cut oil. TIH with 2 stands tubing. PU and RIH with 3/4" rods and rod fishing tool. Catch fish and pull up to 45,000#; rods moving slow. LD 3' rods pulling 45,000#; rods parted. LD rods. Install valve on tubing. SI well. SDFD.

09/16/09 Open up well; no pressure. LD 4 joints tubing to get to parted rods. Pull and LD 1.5 rods and 2 joints tubing with .5 a rod. Pull rods to 12,000#, attempt to work rods free. Pull to 50,000# and attempt to work rods free. Note: tubing still full of oil. Work tubing and LD 51 rods. Doug Zentz, Black Hills representative, approved procedure change. RIH with wireline gauge ring and tag top of fish at 1217'. RIH with 1-9/16" wireline strip gun and shoot 3 - .41 blueberry shots at 1217'. Tubing went on a vacuum. SI well. SDFD.

09/17/09 Check well pressure: casing, 6 PSI; tubing, 3 PSI; bradenhead, 0 PSI. Continue to strip rods and tubing out of hole. Final rod count 1 – 1.25" x 22' polish rod with damaged liner and stuffing box, 3 - 7/8" pony rods, 102 - 7/8" rods, 198 - 3/4" rods that were damaged and 1 bottom seat pump (stuck in tubing). Final tubing tally: 245 joints 2.875" EUE tubing, 1 tubing anchor, SN, 6' perf sub for total 7,633.26'. Round trip 5.5" casing scraper to 6790'. No tight spots noted. SI well. SDFD.

09/18/09 Check well pressure: casing, 40 PSI; bradenhead, 0 PSI. PU 5.5" DHS cement retainer and attempt to TIH. Unable to TIH due to tension swedge at wellhead. PU Baker 5.5" cement retainer and TIH; set at 6730'. Pressure test tubing to 1200 PSI. Sting out of CR. Establish circulation out casing with 128 bbls of water and additional 12 bbls of water to circulate well clean. Attempt to pressure test casing to 750 PSI; bled down to 250 PS in 1 minute.

**Plug #1** with CR at 6730', spot 20\_sxs Class B cement (23.6 cf) inside\_casing above CR up to 6550' to isolate the Gallup interval.  
TOH with tubing and WOC. SI well. SDFD.

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Black Hills Gas Resources

Johnson Federal #12-5

September 24, 2009

Page 2 of 2

## Plugging Summary - Continued:

09/21/09 Open up well, no pressure. TIH and tag cement at 6555'. PUH to 5369'. Load casing with 4 bbls of water. Attempt to pressure test casing to 750 PSI, bled down to 250 PSI in 1 minute.

**Plug #2** spot 20 sxs Class B cement (23.6 cf) with 2% CaCl<sub>2</sub> inside casing from 5369' up to 5189' to cover the Mesaverde top.

PUH with tubing. WOC. TIH and tag cement at 5185'. PUH to 3562'. Load hole with 7 bbls of water and establish circulation. Attempt to pressure test casing to 500 PSI; leak.

**Plug #3** spot 65 sxs Class B cement (76.7 cf) inside casing from 3562' up to 2974' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

PUH with tubing. WOC. SI well. SDFD.

09/22/09 Open well, no pressure. TIH and tag cement at 2940'. PUH to 2090'. Establish circulation out casing with 5 bbls of water. Attempt to pressure test casing to 750 PSI, bled down to 250 PSI in 1.5 minutes.

**Plug #4** spot 20 sxs Class B cement (23.6 cf) with 2% CaCl<sub>2</sub> inside casing from 2090' up to 1910' to cover the Nacimiento top.

TOH and LD all tubing. WOC. TIH and tag cement at 1936'. LD tubing. Attempt to pressure test bradenhead. Pump 1/8 bbl of water and pressured up to 350 PSI with slight bleed off to 100 PSI in 5 minutes. Perforate 3 squeeze holes at 299'. Establish rate into squeeze holes 1/2 bpm at 400 PSI; no circulation out bradenhead. Ray Espinoza, BLM representative, approved procedure change. Perforate 3 squeeze holes at 200'. Establish injection rate 1 bpm at 500 PSI; no circulation out bradenhead. Unable to pump down bradenhead. Ray Espinoza, BLM representative, approved procedure change. TIH with 12 joints tubing to 374'.

**Plug #5** with open ended tubing at 374', mix 65 sxs Class B cement (76.7 cf), spot 57 from 374' to surface, circulate good cement out the casing valve. LD 10 joints tubing and spot 8 sxs to top off plug. LD last 2 joints tubing. Clean out BOP and tubing. SI well. SDFD.

09/23/09 Open up well, no pressure. TIH and tag cement at 40'. ND BOP. Dig out wellhead. Issue Hot Work Permit. Monitor well. Cut off wellhead. RIH with poly pipe and spot 26 sxs Class B cement from 45' to surface with approximately 10 sxs in cellar. Set P&A marker and spot additional 5 sxs cement. RD and MOL.

Ray Espinoza, BLM representative, was on location.