

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OCT 14 2008

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>NM40646</b>
2. Name of Operator <b>Black Hills Gas Resources, Inc.</b>		6. If Indian, Allottee, or Tribe Name
3a. Address <b>P.O. Box 249 Bloomfield, NM 87413</b>	3b. Phone No. (include area code) <b>505-634-1111</b>	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>790' FNL &amp; 790' FEL Unit A Sec 2, T 25N, R 2W</b>		8. Well Name and No. <b>Fisher Federal 2 #1</b>
		9. API Well No. <b>30-039-23684</b>
		10. Field and Pool, or Exploratory Area <b>Blanco Mesaverde</b>
		11. County or Parish, State <b>Rio Arriba, NM</b>

**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 or pertinent markers and sands. 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 and abandoned this well as per the attached report dated 10-01-08.**

RCVD OCT 30 '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-Oct-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

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)

NMOCD

11/18

## 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

**Fisher Federal 2 #1**

October 1, 2008

Page 1 of 2

790' FNL & 790' FEL, Section 2, T-25-N, R-2-W

Rio Arriba County, NM

Lease Number: NM40646

API #30-039-23684

## Plug and Abandonment Report

Notified NMOCD and JAT - BLM on 9/24/08

### Plugging Summary:

- 9/24/08 MOL and RU rig. LOTO location at meter run. Check well pressure: casing, 40 PSI; tubing, 0 PSI. Blow down well. PU on rod string and remove bridal. Stack out rods. Remove horse head from pumping unit. Keeper pin bent and difficult to remove. Load hole with 1/4 bbl of water. Attempt to pressure test tubing to 1200 PSI, bled down to 800 PSI in 1 minute. Unable to stop leak at stuffing box. LD polish rod and stuffing box. TOH and LD 6 - 2.875" pony rods, 50 - 7/8" rods. Shut in well. SDFD.
- 9/25/08 Check well pressure, casing, 40 PSI; tubing, 0 PSI. Blow well down to pit. LD polish rod and stuffing box. TOH and LD 45 - 7/8" rods (total 95 - 7/8" rods), 121 - 3/4" rods, 6 - 1" sinker bars and inner assembly of tubing pump (1.75" x 4' plunger). ND wellhead. PU on tubing string and LD hanger. NU BOP, test. TOH, inspect and tally 174 joints 2.375" tubing. Shut in well. SDFD.
- 9/26/08 Check well pressure: casing, 80 PSI; tubing, 90 PSI. Blow down well to pit. TIH with 174 joints 2.375" tubing, bit sub and 4.75" bit to 5648'. PU 4 joints A-Plus 2.375" tubing workstring. Tag fill with 15' stick up at 5758'. LD 1 joint. RU power swivel. PU 1 joint and establish circulation to BP at 5850'. Drill out composite plug and circulate casing. Clean out to 6000' and drill out composite plug. Circulate casing with sand. Clean out to 6287'. Tag existing cement hard. Circulate casing clean. PU tongs. RD swivel. Shut in well. SDFD.
- 9/29/08 Check well pressure: casing, 0 PSI; tubing, 500 PSI. Blow down well to pit. TOH and LD all tubing, bit and bit sub. TIH with tubing and tag existing cement at 6287'. Load hole with 22 bbls of water.  
**Plug #1** spot 15 sxs Class B cement (18 cf) with 2% CaCl<sub>2</sub> inside casing over existing cement from 6281' up to 6152' to isolate the Dakota interval.  
PUH with tubing. WOC. TIH with tubing and tag cement at 6204'. TOH with tubing. Shut in well. SDFD.
- 9/30/08 Check well pressure: casing, 10 PSI; bradenhead, 0 PSI. No tubing in well. Blow down well to pit. TIH with 5.5" DHS CR and set at 5610'. Load hole with 13 bbls of water. Circulate well clean with total of 130 bbls of water. Pressure test casing to 500 PSI, held OK.  
**Plug #2** with CR at 5610', mix and pump 19 sxs Class B cement (22 cf) inside casing above CR from 5610' up to 5439' to isolate the Mesaverde interval.  
PUH to 3860'. Load hole with 3-1/2 bbls of water.  
**Plug #3** spot 53 sxs Class B cement (63 cf) inside casing from 3860' up to 3363' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

**A-PLUS WELL SERVICE, INC.**

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Black Hills Gas Resources

October 1, 2008

**Fisher Federal 2 #1**

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**Plugging Summary – Continued:**

9/30/08 PUH to 2380'. Load hole with 3 bbls of water.

**Plug #4** spot 18 sxs Class B cement (22 cf) inside casing from 2380' up to 2218' to cover the Nacimiento top.

TOH and LD all tubing. Shut in well. SDFD.

10/1/08 Open well, no pressure. Perforate 3 holes at 321'. Load casing with 4 bbls of water. Establish rate through squeeze holes 1/8 bpm at 500 PSI. Blow on bradenhead valve. Connect pump to bradenhead. Load the hole with 16 bbls of water. Circulate 1 bbl out casing valve at 1 bpm at 400 PSI. Connect pump to casing. Circulate 16 bbls out bradenhead valve at 2 bpm at 500 PSI.

**Plug #5** spot 143 sxs Class B cement (169 cf) down the 5.5" casing from 321' to surface, circulate good cement out the bradenhead.

Shut in well. WOC. Found cement at surface in the 5.5" casing. ND BOP. Dig out wellhead. Monitor atmosphere. Issue Hot Work Permit. Cut off wellhead. Found cement at surface in the bradenhead.

Mix 20 sxs Class B cement and install P&A marker.

Cut off anchors. RD and MOL.

Alfonso Atencio, JAT - BLM representative, was on location.

# Fisher Federal #2-1

## Actual P&A

Blanco Mesaverde

Today's Date: 10-01-08

790' FNL, 790' FEL Section 2, T-25-N, R-2-W, Rio Arriba County, NM

API #30-039-23684 - Lat: N \_\_\_\_\_ / Long: W \_\_\_\_\_

Spud: 4/18/85

GI Completed: 6/17/85

MV Completed: 5/06/05

Elevation: 7648' GL  
7659' KB

12.25" hole

9.625" 36#, Casing set @ 271'  
Cement with 171 cf, circ to surface.

Plug #5: 321' - 0'  
Class B cement, 143 sxs

Perforate @ 321'

TOC @ 1096' (Calc, 75%)

Plug #4: 2380' - 2218'  
Class B cement, 18 sxs

Nacimiento @ 2330'

Ojo Alamo @ 3341'

Kirtland @ 3457'

Fruitland @ 3560'

Pictured Cliffs @ 3772'

Plug #3: 3860' - 3363'  
Class B cement, 53 sxs

DV Tool @ 4097'  
Cement with 693 cf

TOC @ 5080' (CBL 2000)

Plug #2: 5610' - 5439'  
Class B cement, 19 sxs

Mesaverde Perforations:  
5648' - 5690'

Mesaverde Perforations:  
5870' - 5962'

Mesaverde Perforations:  
6036' - 6124'

DV Tool @ 6357'  
Cement with 542 cf

TOC @ at DV tool (Calc, 75%)

Gallup Perforations:  
7066' - 7872"

Set CR @ 5610'

Plug #1: 6281' - 6204'  
Class B cement, 15 sxs

5.5" 17#, J-55 Casing set @ 8419'  
Cement with 567 cf

Existing CIBP  
@ 6300'w / 2  
sxs cement  
dump bailed  
(2000)

Gallup @ 6951'

Dakota @ 8160'

7.875" Hole

TD 8427'

