

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>MDA 701980013 Tract 4</b>
2. Name of Operator <b>Black Hills Gas Resources, Inc.</b>		6. If Indian, Allottee or Tribe Name <b>Jicarilla Apache Nation</b>
3a. Address <b>350 Indiana Street, Suite 400, Golden, CO 80401</b>	3b. Phone No. (include area code) <b>720-210-1338</b>	7. If Unit or CA/Agreement, Name and/or No. <b>32537</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NW/NW Sec. 21, 29N-02W, Unit D 560' FNL and 865' FWL</b>		8. Well Name and No. <b>Jicarilla 29-02-21 #1</b>
		9. API Well No. <b>30-039-27463</b>
		10. Field and Pool, or Exploratory Area <b>Basin; Fruitland Coal</b>
		11. County or Parish, State <b>Rio Arriba Co., New Mexico</b>

**12. CHECK APPROPRIATE BOX(ES) 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter 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 type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

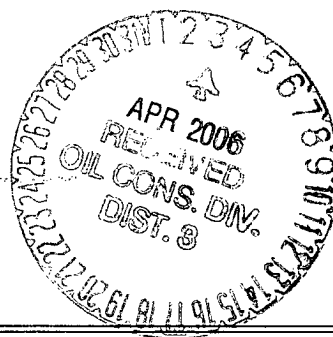
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must 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, Inc. recommends to temporarily abandon this well pending the production results of recent completions in offset wells.**

**Attached are the prodecures to TA this well along with the wellbore diagram.**

**THIS APPROVAL EXPIRES 4/1/07**

*Notify OCD to witness  
24 hr notice*



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Julie Stifflear</b>		Title <b>Engineering Production Tech</b>
Signature <i>Julie Stifflear</i>		Date <b>3-28-2006</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>Original Signed: Stephen Mason</b>	Title	Date <b>MAR 31 2006</b>
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 to 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**

# **Black Hills Gas Resources**

## **New Completion Procedure**

**For the**

**JICARILLA 29-02-21 #1**

**API # 30-039-27463**

**NW NW Sec 21, T29N, R2W**

**Rio Arriba County, New Mexico**

**GL=7123', KB=7138', TD=3783', PBTD= 3735'**

**Surface casing:**

**8-5/8", 24 lb/ft, K-55 LTC @ 280', TOC = surf**

**Production casing:**

**5 1/2" 15.5lb/ft, J-55, @ 3743', TOC = Surf**

**Current Perforations:**

**Fruitland Coal: 3456-3480 (Milled casing, Open Hole)**

### **Proposed Work: Temporarily abandon the well bore.**

1. Conduct safety meeting with all personnel to discuss the scope of this completion.
2. MIRU completion rig, ND WH, NU BOP.
3. TOOH with 2 3/8" tubing. MU CIBP, TIH with 2 3/8" tubing and set CIBP @ +/- 3400'.
4. MIRU pump truck, circulate hole with 2% KCl water containing a biocide.
5. TOOH. Lay down pipe and have sent to Tuboscope for inspection.
6. Pressure test casing to 500 psi, monitor and record pressure for 30 minutes with the BLM and/or State inspectors to witness the MIT.

Initiated by:

Loren Diede, 3-16-2006

Approved by:

J.T. Albi

First call for services will be:

Perforating/Logging:

none

Frac:

Key PPS

325-4192

Tools:

open

Trucking:

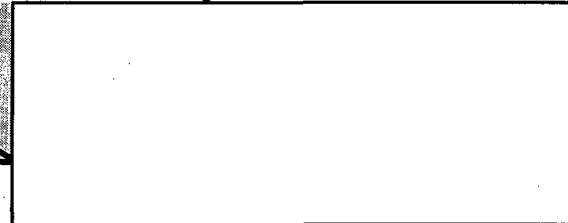
L&G

**Jicarilla 29-02-21 #1**  
**TA Wellbore Diagram**  
**API # 30-039-27463**  
**UNIT D NW NW Sec 21, T29N, R02W Rio Arriba, NM**  
**Spud Date 7-20-03**

Elev. GL= 7123'  
Elev. KB= 7138'

**SURF CSG**  
8 5/8" 24# J-55  
@280' KB, TOC surf

**Tubing Detail**

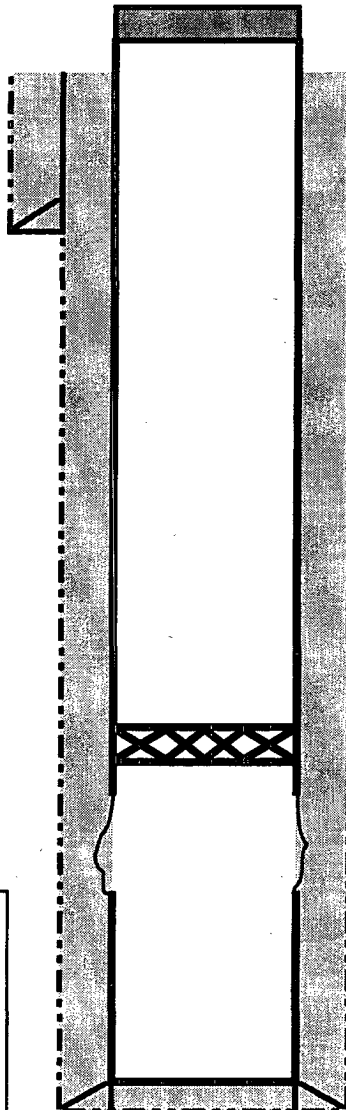


**CIBP set @ 3400'**

**Fruitland Coal: Milled window in 5 1/2" casing from 3456-3480'. Cavitated coal.**

**PROD CASING**

5 1/2" 15.5# J-55  
@3743' KB; cmt; 810  
sx 65/35 Poz TOC=  
Surf



**PBTD=3735'**  
**TD = 3783'**

Prepared: 16-Mar-06