

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SEP 10 2007

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)  
**1565' FSL & 795' FWL (NW SW) Unit L  
Sec 32, T31N, R3W**

5. Lease Serial No.  
**MDA 701-90-0002**

6. Indian, Allottee, or Tribe Name  
**Jicarilla Apache Tribe**

7. If Unit or CA. Agreement Name and/or No.

8. Well Name and No.  
**Jicarilla 31-03-32 #1**

9. API Well No.  
**30-039-25050**

10. Field and Pool, or Exploratory Area  
**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 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"/> 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 had notified the Jicarilla Apache Nation Water Administration regarding the use of this well bore for a water source well. They have declined this well and the P&A will be completed as follows: 1. MIRU A Plus Well Services coiled plastic tubing. 2. RIH with plastic tubing to 209' and circulate hole clean. 3. Mix and pump 15 sx (20 cu ft) Type III cement inside casing to surface. WOC and top off if needed. 4. Cut off well head, install P&A marker as per BLM stipulations.**

RCVD SEP 11 '07  
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

**6-Sep-07**

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

Original Signed: Stephen Mason

Approved by

Title

Date

**SEP 10 2007**

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)

NMOCD

# Jicarilla 31-03-32 #1

## Wellbore Diagram

API # 30-039-25050

UNIT L, NW SW, Sec 32, T31N, R03W Rio Arriba, NM

Spud date: 2/05/1991

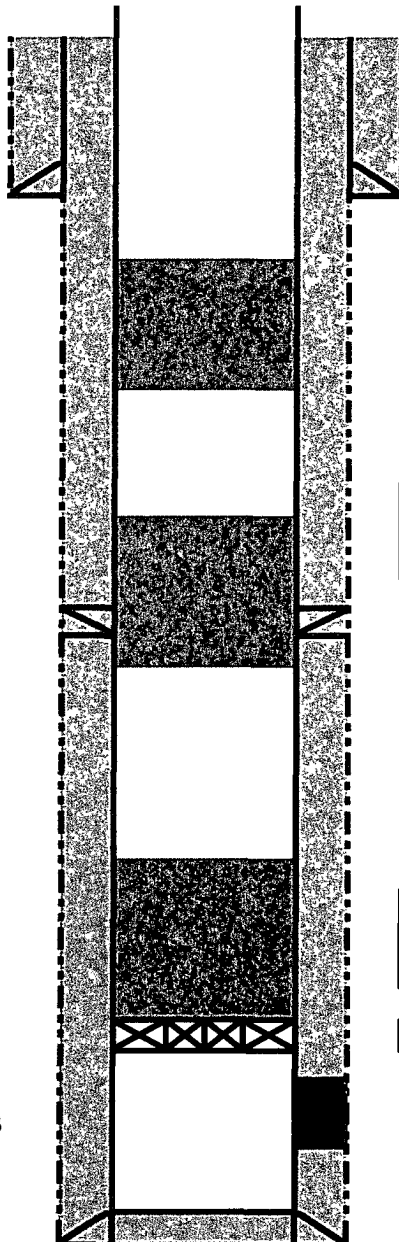
8/10/2007

Elev. GL= 7083'

Elev. KB= 7093'

### SURF CSG

8 5/8" 24# @159' KB,  
TOC surf



Cement plug #3 12 sx (15.84 cu ft) (672' to 491')

Cement plug #2 2049' to 1868' 12 sx (15.84 cu ft)

DV Tool @ 2025'

Cement plug #1 3746' to 3111' 42 sx (55.44 cu ft)

### Cement Retainer @ 3764' 7-25-07

PC perms:2-21-91 3789-3820, 3822-3826, 3829-3832, 3835-3844, 3847-3851, 3854-3866, 3870-3876, 3888-3892, 3916-3920. 87 holes. BD HCl, Well SI, Frac 10-11-93 100000# 20/40 w/ 70000 gal N2 foam. Good clean up.

PBTD=3960' ORIGINAL  
TD=4120' KB

**Spud date: 2/05/1991**

Elev. KB= 7093 '

8 5/8" 24# @159' KB,  
TOC surf

PBTD=3960' ORIGINAL  
TD=4120' KB

4 1/2" 11.6# J-55 @  
4002' KB; cmt; STG  
1; 150 sx B  
+2%Econo, + 350 sx  
50/50/2, DV tool @  
2025'. STG2; 50 sx B  
+ 350 sx B + Econo +  
50 sx B. Circ 3 bbl to  
surf.