

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

5. Lease Serial No.  
MDA 701 98-0013

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

7. Unit or Agreement, Name and/or No.  
Unit 208

8. Well Name and No.  
Jicarilla 29-02-28 #1

9. API Well No.  
30-039-27066

10. Field and Pool, or Exploratory Area  
Burro Canyon Tertiary &  
East Blanco Pictured Cliffs  
AND  
Rio Arriba County, New Mexico

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Black Hills Gas Resources, Inc. c/o Mike Pippin LLC (Agent)

3a. Address  
3104 N. Sullivan, Farmington, NM 87401

3b. Phone No. (include area code)  
505-327-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
884' FNL & 535' FWL Unit D  
Sec. 28, T29N, R02W

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 checked="" type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (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 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 Notices 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 plans to plug back from the existing horizontal PC lateral & open & test Tertiary intervals. The Tertiary will be placed on pump if necessary.

RCUD MAY23'07  
OIL CONS. DIV.

DIST. 3

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

Name (Printed/Typed) Mike Pippin	Title Petroleum Engineer (Agent)
Signature <i>Mike Pippin</i>	Date May 8, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Original Signed: Stephen Mason	Title	Date MAY 2 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.	Office	

Title 18 U.S.C. Section 1001, makes 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 reverse)

NMOCD

# Black Hills Gas Resources

Jicarilla 29-02-28 #1

API # 30-039-27066

2007 MAY 21 AM 11: 49

NW NW Sec 28, T29N, R2W

Rio Arriba County, New Mexico

RECEIVED

BLM

FARMINGTON NM

GL: 7148', KB: 7161', TD = 3725, PBTD = 3844'

Surface casing:

8-5/8", 24 lb/ft, Casing @ 270', TOC = surf

Production casing:

5 1/2" 15.5 lb/ft, casing @ 3718'

OPEN-Hole Lateral:

4 3/4" 3518 to 5620' MD

Current prod tubing:

2 3/8" 4.7# to ON/OFF @ 3462'; 2 7/8" 7.9#/8.7# PH-6 to 5487' MD

Current pump/ rods:

N/A

Current Perforated Zones:

Pictured Cliffs lateral from 3518' to 5487' MD

**Proposed Work: Plug back Pictured Cliffs and re-complete San Jose.**

1. MIRU completion rig. ND WH, NU BOP.
2. Attempt to pull the PH-6 tubing by pulling on the 2 3/8" production tubing. Do not pull over 56K over the 2 3/8" tubing string weight. TOOH with the PH-6 tubing.
3. If the PH-6 tubing cannot be pulled, come off the ON/OFF tool, TOOH with the 2 3/8" tubing. TIH with the 2 7/8" workstring and latch on to the ON/OFF tool. MIRU Wireline Speciaties. RIH with a chemical cutter and cut the 2 7/8" PH-6 tubing @ +/- 3520'. TOOH with the workstring and the cut-off section of the PH-6 tubing.
4. MIRU Basin perforating company. TIH with CIBP and set the CIBP @ 3500'.
5. Correlate to Schlumberger Density/Neutron log dated Sept 17-2002. RIH with 3 1/8" HSC and perforate the San Jose with 0.34 / 0.35' holes as follows:

1244-1249	5 ft	4 jspf	20 holes
1260-1262	2 ft	4 jspf	8 holes
1292-1294	2 ft	4 jspf	8 holes
1693-1695	2 ft	4 jspf	8 holes
1698-1700	2 ft	4 jspf	8 holes
1704-1709	5 ft	4 jspf	20 holes

**Total San Jose perforations; 17 ft, 72 holes**

6. TIH with workstring and packer. Set the packer @ +/- 1625'. Breakdown the lower San Jose perms (1693-1709) with 300 gallons 7 1/2% HCl and 54 RCN ballsealers +/- 6-8 bpm. Monitor and record rate, pressure, ISIP, 5, 10 and 15 min pressures.
7. Trip down with the packer and knock the balls off the perms. TOOH.

8. TIH with the workstring, packer and RBP. Set the RBP @ +/- 1350'. Dump 5 gal sand on the RBP. Pull up and set the packer @ +/- 1180'. Breakdown the upper San Jose perforations (1244-1294) with 300 gallons 7 1/2% HCl and 54 RCN ballsealers at 6-8 bpm. Monitor and record rate, pressure, ISIP, 5, 10 and 15 min pressures. TOOH.
9. RIH with the wireline junk basket and retrieve the ballsealers.
10. TIH with workstring and retrieve the RBP. (Clean off with air if needed.)
11. TIH with the 2 3/8" tubing with EOT @ +/- 1750'. Pump-simulate the San Jose zones while producing the annulus. Maintain +/- 40 psi while testing the gas flow.

**The configuration of the production string and pump type will be determined by the results of the pump-simulation tests.**

**Initiated by:**

Loren Diede

5-12-07

REV 5-15-07

**Approved by:**

Leslie Lam

5/4/2007

**Jicarilla 29-02-28 #1**

**Well Bore Diagram**

NW NW Sec 28, T29N, R2W

API # 30-039-27066

GL = 7148'  
KB = 7161'

8 5/8" casing @ 270'

Window from 3514-3525', KOP  
+/- 3518'

Knight Advantage Whipstock

5 1/2" 15.5# K-55 casing set to  
3718' TOC surf

