**UNITED STATES** FORM APPROVED Form 3160- 5 (April 2004) DEPARTMENT OF THE INTERIOR OMB No. 1004-0137 Expires: March 31, 2007 BUREAU OF LAND MANAGEMENT 5. Lease Serial No. 1 0 MDA 701-98-0013 SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an If Indian, Allottee, or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. Jicarilla Apache Tribe 7). If Unit or CA. Agreement Name and/or No. SUBMIT IN TRIPLICATE - Other Instructions on reverse side. 24247 Type of Well Well Name and No. Oil Well X Gas Well Black Hills Gas Resources, Inc. Name of Operator Jicarilla 29-02-09 No. 1 9. API Well No. 350 Indiana Street, Suite 400 3b. Phone No. (include area code) 30-039-26094 3a. Address 10. Field and Pool, or Exploratory Area Golden, CO 80401 720-210-1300 Location of Well (Footage, Sec., T., R., M., or Survey Description) EB, Pictured Cliffs & Cab Cyn, Tertiary 2097' FSL & 615' FWL (NWNW) Unit L 11. County or Parish, State Sec. 9, T29N-R02W Rio Arriba, NM 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION X Notice of Intent Acidize Production (Start/Resume) Water Shut-off Deepen Well Integrity Altering Casing Fracture Treat Reclamation Subsequent Report Casing Repair lew Construction Recomplete Temporarily Abandon Change Plans Plug and abandon Water Disposal Final Abandonment Notice Convert to Injection Plug back

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 recomplete 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 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 reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

This is part of the Black Hills Permit Clean-up Program.

Black Hills Gas Resources, Inc. requests administrative approval to downhole commingle the East Blanco, Pictured Cliffs (72400) and Cabresto Canyon, Tertiary (97037), which are both included in the pre-approved pools established by Division Order R-11363. Both intervals have common ownership and produce essentially dry gas. We have not experienced any significant cross flows between these two intervals, and all the fluids are compatible. Downhole commingling will improve recovery of liquids and gas, eliminate redundant surface equipment, and maximize productivity. CON Potice has been filed concurrently with New Mexico Oil Conservation Division on Form C103.

Adhere to previously issued stipulations.

These gas and oil allocations are based on cumulative production from each zone through February 2006. Each zone began production in May 2001. The cumulative production of the Tertiary is 594,501mcf and the cumulative production of the Pictured Cliffs is 101,373mcf. The Tertiary pool does

not produce oil. See attachment for calculations. Gas-Tertiary: 85% Oil-Tertiary: 0% Gas-Pictured Cliffs: 15% Oil-Pictured Cliffs: 100% 1HC23231

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed) Title Heidi Lehi **Engineering Technician** Signature Date THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Conditions of approval, if any are attached. Approval of this notice does not warrant o certify that the applicant holds legal or equitable title to those rights in the subject leas the applicant conduct operations

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, fictitiousor fraudulent statements or representations as to any matter within its jurisdiction



### **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 form 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

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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 requited 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

# BLACK HILLS GAS RESOURCES, INC. JICARILLA 29-02-09 #1 PC / TERTIARY L Section 9 T29N R02W 6/12/2006

# **Commingle Allocation Calculations**

## OIL

The Cabresto Canyon Tertiary gas pool does not make any oil in the vicinity of the subject well. The East Blanco Pictured Cliffs gas pool does produce a little oil. Therefore, any and all oil will be assigned to the Pictured Cliffs.

## GAS

The well is currently a dual completion producing the Tertiary through an upper tubing string and the Pictured Cliffs through a lower tubing string set on a packer between the two formations. Production from the Pictured Cliffs has recently declined significantly due to water loading and the need for artificial lift. Therefore, the gas allocations are based on cumulative production from each zone through February 2006. Each zone began production in May 2001.

Cumulative production of Tertiary (05/2001 – 02/2006): 594,501 MCF.

Cumulative production of Pictured Cliffs (05/2001 – 02/2006): 101,373 MCF.