

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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| WELL API NO. 30-039-25785 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. Jicarilla Contract 460 |
| 7. Lease Name or Unit Agreement Name 22183 |
| 8. Well Number Jicarilla 460-16 No. 4 |
| 9. OGRID Number 013925 |
| 10. Pool name or Wildcat East Blanco; Pictured Cliffs and Cabresto Canyon, Tertiary |

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|---|---|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | |
| 2. Name of Operator Black Hills Gas Resources, Inc. | |
| 3. Address of Operator 350 Indiana St, Suite 400 Golden, CO 80401 | |
| 4. Well Location Unit Letter M: 840 feet from the South line and 1180 feet from the West line | |
| Section 16 | Township 30N Range 03W NMPM Rio Arriba County |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7251' GL | |

| | |
|--|--|
| 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data | |
| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
| OTHER: Downhole Commingle Formations <input checked="" type="checkbox"/> | OTHER: <input type="checkbox"/> |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Black Hills Gas Resources, Inc. intends to complete the subject well and downhole commingle the Cabresto Canyon; Tertiary and East Blanco; Pictured Cliffs under Division Order R-11363. All gas production is to be allocated based on initial production tests as 99 percent to the East Blanco; Pictured Cliffs formation and 1 percent to Cabresto Canyon; Tertiary formation. See attached Supplemental Data Sheet for the information fracture pressures and flow test. The commingling will not reduce the value of the total remaining production. A Sundry Notice form 3160-5 has been sent, notifying the BLM of downhole commingling formations.

DHC1878A2

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Allison Newcomb TITLE Engineering Technician DATE 5/5/2005

Type or print name: Allison Newcomb E-mail address: anewcomb@bhep.com Telephone No. 720-210-1308
(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. # DATE MAY - 9 2005
Conditions of approval, if any:

C103 Supplemental Information

Jicarilla 460-16 #4

Production and Pressure Data

Pictured Cliffs and Tertiary Formations

The Pictured Cliffs formation was perforated at intervals 3850' – 3856', 3831' – 3837', 3780' – 3796' with 4 jsfp. Based upon pressure data obtained from the breakdown and fracture stimulation treatment the fracturing pressure of the Pictured Cliffs formation at mid-perforation is 2596 psi with a fracture gradient of 0.68 psi/ft. After fracture stimulation and clean up the Pictured Cliffs formation was flow tested for twenty-four hours, 51 MCFPD.

The Tertiary formation was perforated at intervals 3247' – 3291' with 4 jsfp. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Tertiary formation is 2600 psi with a fracture gradient of 0.65 psi/ft. After fracture stimulation of the Tertiary formation, a stabilized flow test was conducted for twenty-four hours, >1 MCFPD.

The allocation method that has been agreed upon between Black Hills Gas Resources, Inc. and the Jicarilla Apache Nation is to use a percent based on the initial test for allocation of the produced volumes from the downhole commingled formations. In summary, the following calculations reflect the allocation percentages for the subject well.

| Formation Name | Gas Flow Rate (MCFPD) | Water Rate (BWPD) | Allocation Factor |
|-----------------|-----------------------|-------------------|-------------------|
| Pictured Cliffs | 51 | | 99% |
| Tertiary | >1 | | 1% |
| Total | 51 | | 100% |