

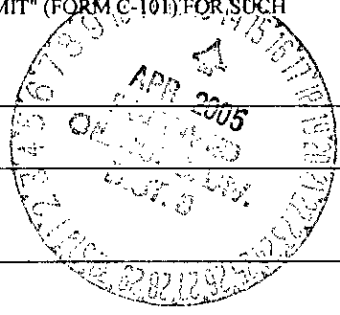
Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-103  
Revised June 10, 2003

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-039-27828
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Black Hills Gas Resources, Inc.		6. State Oil & Gas Lease No. MDA 701-98-0013
3. Address of Operator 350 Indiana St, Suite 400 Golden, CO 80401		7. Lease Name or Unit Agreement Name
4. Well Location  Unit Letter K: 1875 feet from the South line and 2020 feet from the West line		8. Well Number Jicarilla 30-03-36 No. 4
Section 36 Township 30N Range 03W NMPM Rio Arriba County		9. OGRID Number 013925
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7370' GL		10. Pool name or Wildcat East Blanco; Pictured Cliffs and Cabresto Canyon, Tertiary



12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Downhole Commingle Formations <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input 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 25 percent to the East Blanco; Pictured Cliffs formation and 75 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.

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 4/12/2005

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. 02

DATE APR 14 2005

Conditions of approval, if any:

## C103 Supplemental Information

Jicarilla 30-03-36 #4

### Production and Pressure Data Pictured Cliffs and Tertiary Formations

The Pictured Cliffs formation was perforated at intervals 3727' – 3750' and 3800' – 3807' with 4 jspf. Based upon pressure data obtained from the breakdown and fracture stimulation treatment the fracturing pressure of the Pictured Cliffs formation at mid-perforation is 2637 psi with a fracture gradient of 0.70 psi/ft. After fracture stimulation and clean up the Pictured Cliffs formation was flow tested for twenty-four hours, 17 MCFPD.

The Tertiary formation was perforated at intervals 1400' – 1402', 1408' – 1410', 1415' – 1417', 1422' – 1424', 1427' – 1429', 1432' – 1434', 1596' – 1598', 1602' – 1604', 1710' – 1712', 1714' – 1716', 1898' – 1902', 2348' – 2352', 2355' – 2357', 2361' – 2363', 2366' – 2368', 2443' – 2445', 2449' – 2451', 2550' – 2552', 2554' – 2556', 2794' – 2798', 2802' – 2806', 3054' – 3056', 3058' – 3060', 3072' – 3074', 3110' – 3112', 3116' – 3118', 3186' – 3188', 3288' – 3290', 3292' – 3294', 3387' – 3389', 3395' – 3397', 3400' – 3402', 3420' – 3422', 3428' – 3430', 3470' – 3472', 3480' – 3482', 3484' – 3486' and 3490' – 3492' with 2 jspf. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Upper San Jose, Tertiary formation (1400-1434) is 868 psi with a fracture gradient of 0.65 psi/ft. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Lower San Jose, Tertiary formation (1596-1902) is 1137 psi with a fracture gradient of 0.65 psi/ft. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Upper Nacimiento, Tertiary formation (2348-2806) is 1675 psi with a fracture gradient of 0.65 psi/ft. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Lower Nacimiento, Tertiary formation (3054-3188) is 2029 psi with a fracture gradient of 0.65 psi/ft. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Ojo Alamo, Tertiary formation (3288-3492) is 2204 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, 51 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	17		25%
Tertiary	51		75%
<b>Total</b>	<b>68</b>		<b>100%</b>