

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

WELL API NO. 30-039-25761
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. Jicarilla Contract 464
7. Lease Name or Unit Agreement Name 22184
8. Well Number Jicarilla 464-29 No. 10
9. OGRID Number 013925
10. Pool name or Wildcat East Blanco; Pictured Cliffs and Cabresto Canyon, Tertiary

Section 29	Township 30N	Range 03W	NMPM	Rio Arriba	County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7151' GL					

**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 ☐ Gas Well ☒ 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 J: 1600 feet from the North line and 1800 feet from the East line

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"/>
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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 recomplete 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 60 percent to the East Blanco; Pictured Cliffs formation and 40 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 11/6/2004

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. 60 DATE NOV 10 2004  
Conditions of approval, if any:

**CONFIDENTIAL**

Jicarilla 464-29 #10  
 Production and Pressure Data  
 Pictured Cliffs and Tertiary Formations

The Pictured Cliffs formation was perforated at intervals 3652'-3668', 3678'-3686, 3688-3702 and 3723-3730 with 2 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 2856 psi with a fracture gradient of 0.75 psi/ft. After fracture stimulation and clean up the Pictured Cliffs formation was flow tested for twenty-four hours. 112 MCFPD.

The Tertiary formation was perforated at intervals 1503'-1512', 1521'-1528', 1540'-1550', 1570'-1591', 1618'-1620', 1630'-1634' and 3140'-3194' with 4 jsfp. Based upon pressure data obtained from the breakdown and fracture stimulation treatment the fracturing pressure of the San Jose formation at mid-perforation is 1192 psi with a fracture gradient of 0.76 psi/ft. Based upon pressure data obtained from the breakdown and fracture stimulation treatment the fracturing pressure of the Ojo Alamo formation at mid-perforation is 2250 psi with a fracture gradient of 0.76 psi/ft. A stabilized flow test was conducted for twenty-four hours. 75 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	112		60%
Tertiary	75		40%
<b>Total</b>	<b>287</b>		<b>100.000%</b>

~~CONFIDENTIAL~~

JAT/2017/003