

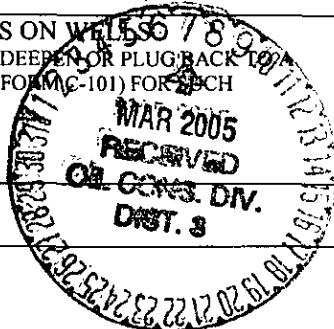
Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

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

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.)		WELL API NO. 30-039-24157
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. Jicarilla Contract 459
3. Address of Operator 350 Indiana St, Suite 400 Golden, CO 80401		7. Lease Name or Unit Agreement Name 20465
4. Well Location Unit Letter E: 1648 feet from the North line and 800 feet from the West line Section 20 Township 30N Range 03W NMPM Rio Arriba County		8. Well Number Jicarilla 459 No. 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7162' GL		9. OGRID Number 013925
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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: Downhole Commingle Formations ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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 93 percent to the East Blanco; Pictured Cliffs formation and 7 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.

04C 1820AZ

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 3/4/2005

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. 3 DATE MAR - 7 2005
Conditions of approval, if any:

C103 Supplemental Information

Jicarilla 459 #2

Production and Pressure Data
Pictured Cliffs and Tertiary Formations

The Pictured Cliffs formation was perforated at intervals 3743' – 3748', 3750' – 3754', 3764' – 3772' and 3778' – 3796' with 2 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 2150 psi. A stabilized flow test was conducted for twenty-four hours, 305 MCFPD.

The Tertiary formation was perforated at the interval 3228' – 3252' with 4 jspf. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Ojo Alamo, Tertiary formation is 2462 psi at the mid perforation of 3240' with a fracture gradient of 0.76 psi/ft. A stabilized flow test was conducted for twenty-four hours, 25 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	302		93%
Tertiary	25		7%
Total	100		100%