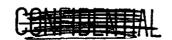
Submit 3 Copies To Appropriate District Office	State of New Mex	,		Form C-103		
District I 1625 N. French Dr. Hobbs, NM 88240 District II	Energy, Minerals and Natural Resources		WELL API NO. 30-039-25761	Revised June 10, 2003		
1301 W. Grand Ave., Artesia, NM 88210 District III	OIL CONSERVATION 1220 South St. Fran	/	5. Indicate Type	<del></del>		
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87		STATE 6. State Oil & Ga	FEE		
1220 S. St. Francis Dr., Santa Fe, NM 87505	20 S. St. Francis Dr., Santa Fe, NM			464		
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.)			7. Lease Name of 22184	r Unit Agreement Name		
PROPOSALS.)   1. Type of Well:   Oil Well		2004	8. Well Number Jicarilla 464-29 N	Io. 10		
2. Name of Operator	E Day	* DAY ( )	9. OGRID Numb	er		
Black Hills Gas Resources, Inc.  3. Address of Operator	(C)	<del>*</del> <del></del>	013925 10. Pool name or	Wildoot		
350 Indiana St, Suite 400 Golden, CO 8	80401	200 Sept		ured Cliffs and Cabresto		
4. Well Location						
Unit Letter J:1600 feet from the North line and 1800 feet from the East line						
Section 29		tange 03W		lio Arriba County		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7151' GL						
	propriate Box to Indicate Na					
NOTICE OF INTE PERFORM REMEDIAL WORK ☐ PI	INTION TO: LUG AND ABANDON ☐	SUBS REMEDIAL WORK	SEQUENT RE	PORT OF: ALTERING CASING		
<u> </u>	HANGE PLANS	COMMENCE DRII		PLUG AND		
_	IULTIPLE	CASING TEST AN	_	ABANDONMENT		
	OMPLETION	CEMENT JOB				
OTHER: Downhole Commingle Formati		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 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.						
DHC 1714AZ						
I hereby certify that the information above is true and complete to the best of my knowledge and belief.						
SIGNATURE (ILLION Y Lew comb 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)  OFFITY On & GAS INSPECTOR, DIST. (2)  NOV 10 2004						
APPPROVED BY TITLE DATE DATE						



## C163 Supplemental Information

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

The Pictured Cliffs formation was perforated at intervals 3652'-3668', 3678'-3686, 3688-3702 and 3723-3730 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 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 jspf. 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%
Total	287 G. A TOMOR SHAPES W. S.	5.504.0.42	100.000%

