Submit 3 Copies To Appropriate District	State of New Me	exico		Form C-103		
Office District I	Energy, Minerals and Natu	ıral Resources		Revised June 10, 2003		
1625 N. French Dr., Hobbs, NM 88240	2		ELL APINO.	· · · · · · · · · · · · · · · · · · ·		
District II	OIL CONCEDUATION	I DIVIGIONI 30	-039-24306			
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION	DIAISION 2	Indicate Type of Le	ase		
District III	1220 South St. Fra	ncis Dr.	STATE [FEE 🗍		
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 8	7505	State Oil & Gas Lea			
1220 S. St. Francis Dr., Santa Fe, NM	-	V	carilla Contract 459	150 110.		
87505	·		Zarma Compact 437			
	ICES AND REPORTS ON WELLS		Lease Name or Unit	Agreement Name		
(DO NOT USE THIS FORM FOR PROP	OSALS TO DRILL OR TO DEEPEN OR PL	UG BACK TO A				
	ICATION FOR PERMIT" (FORM C-101)					
PROPOSALS.)			Well Number	!		
1. Type of Well:	MAY MAY	2005 📆 Jid	earilla 459 No. 3			
Oil Well Gas Well	4 Other		OCDIDA: I			
2. Name of Operator			OGRID Number	•		
Black Hills Gas Resources, Inc.	The state of the s		3925			
3. Address of Operator	Vicini in the second	-52/	. Pool name or Wild			
350 Indiana St, Suite 400 Golden,	CO 80401		st Blanco; Pictured (Cliffs and Cabresto		
	NG Miles	<u> 5 </u>	nyon, Tertiary			
4. Well Location	5. DA	مستوفد مستاه والم				
Unit Letter G: 1658 feet from the North line and 1901 feet from the East line						
Section 18	Township 30N	Range 03W	NMPM Rio A	Arriba County		
	11. Elevation (Show whether DR	, RKB, RT, GR, etc.)				
	7034' GL					
12. Check	Appropriate Box to Indicate N	Vature of Notice, Re	ort or Other Data	3		
	NTÊNTION TO:		QUENT REPOR			
		REMEDIAL WORK		ERING CASING		
PERFORM REMEDIAL WORK	1 LOC AND ADAMSON	TENEDIAL WORK				
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C103 Supplemental Information

Jicarilla 459 #3 Production and Pressure Date Pictured Cliffs and Tertiary Formations

The Pictured Cliffs formation was perforated at intervals 3657' – 3667', 3674' – 3679', 3684' – 3688', 3695' – 3705', 3729' – 3736' and 3747' – 3751' 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 2200 psi with a fracture gradient of 0.65 psi/ft. After fracture stimulation and clean up the Pictured Cliffs formation was flow tested for twenty-four hours, 330 MCFPD.

The Tertiary formation was perforated at intervals 3124' - 3128', 3137' - 3141', 3145' - 3153', 3156' - 3160', 3729' - 3736' and 3747' - 3751'. Based upon the pressure data obtained from the fracture stimulation treatment of the formation the fracturing pressure of the Tertiary formation is 2272 psi with a fracture gradient of 0.72 psi/ft. After fracture stimulation of the Tertiary formation, a stabilized flow test was conducted for twenty-four hours, 30 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	330		92%
Tertiary	30		8%
Total	360		100%