Submit 3 Copies To Appropriate District	State of New Mexico			Form C-103	
 Office District I 	Energy, Minerals and Natural Resources			sed June 10, 2003	
1625 N. French Dr., Hobbs, NM 88240	0,,		WELL APINO.		
District II	OIL CONSERVATION DIVISION		30-039-25862		
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Francis Dr.		5. Indicate Type of Lease	_	
1000 Rio Brazos Rd., Aztec, NM 87410				EE 📋	
District IV	Santa Fe, NM 87505		6. State Oil & Gas Lease N	0.	
1220 S. St. Francis Dr., Santa Fe, NM 87505			Jicarilla Contract 458		
	ES AND REPORTS ON WELLS		7. Lease Name or Unit Agre	eement Name	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A		22182			
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH			J-1		
PROPOSALS.) 1. Type of Well:			8. Well Number		
	Other Ma.		Jicarilla 458-08 No. 10		
2. Name of Operator		2000	9. OGRID Number		
Black Hills Gas Resources, Inc.		y. 1005	013925		
3. Address of Operator		<u> </u>	10. Pool name or Wildcat		
350 Indiana St, Suite 400 Golden, C	O 80401	, "	East Blanco; Pictured Cliffs and Cabresto		
	<u>\`</u> .	4	Canyon, Tertiary		
4. Well Location	76.35				
	and the second second				
Unit Letter P: 800 feet from the South line and 1190 feet from the East line					
	m 1, 2017		111 (D) (D) () (
Section 8		Range 03W	NMPM Rio Arriba	County	
	11. Elevation (Show whether DR, 7096' GL	RKB, KI, GK, etc.)			
12 Charle A	ppropriate Box to Indicate N	atura of Notice	Panart or Other Data		
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NOTICE OF INT			SEQUENT REPORT (
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORI	L ALIERIN	G CASING 🔲	
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C103 Supplemental Information

Jicarilla 458-08 #10 Production and Pressure Date Pictured Cliffs and Tertiary Formations

The Pictured Cliffs formation was perforated at intervals 3660' - 3666', 3668' - 3673', 3679' - 3686', 3688' - 3694', 3704' - 3708' and 3722' - 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 2587 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, 195 MCFPD.

The Tertiary formation was perforated at intervals 2741' – 2744', 2749' – 2758', 2813' – 2818', 2832' – 2836', 2844' – 2848', 2908' – 2912', 2959' – 2960' and 3099' – 3150' with 4 jspf. Based upon the pressure data obtained from the fracture stimulation treatment of the formation, the fracturing pressure of the Tertiary formation is 1853 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, 5 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	195		98%
Tertiary	5		2%
Tota	1 200		100%