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Isotech Gas Data

Job 12538
Project 009-2532

Isotech Lab No.	Sample Name	Location	GC Analysis Date	He %	H_2 %	Ar %	O_2 %	CO_2 %	N_2 %	CO %	C_1 %	C_2 %	C_2H_4 %	C_3 %	C_3H_6 %	iC_4 %	nC_4 %	iC_5 %	nC_5 %	C_6+ %	Mass Spec Date	$\delta^{13}C_1$ ‰	δDC_1 ‰	$\delta^{13}C_2$ ‰	Specific Gravity	BTU	* Helium Dilution Factor
179831	MILL2	Miller	2/12/2010			0.911	2.36	0.18	51.93	0	44.00	0.565	0	0.0547	0	0.0007	0.0007	0.001	0.0014	0	02/16/2010	-51.94	-203.5	-27.6	0.794	457	0.72

Chemical analysis based on standards accurate to within 2%
*Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.72
*Addition of helium negates the ability to detect native helium or hydrogen.
*** ethane isotopes obtained online via GC-C-IRMS*