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Isotech Gas Data

Job 12854

Project: Miller Follow-Up

Isotech Lab No.	Sample Name	GC Analysis Date	He %	H ₂ %	Ar %	O ₂ %	CO ₂ %	N ₂ %	CO %	C ₁ %	C ₂ %	C ₂ H ₄ %	C ₃ %	iC ₄ %	nC ₄ %	iC ₅ %	nC ₅ %	C ₆ + %	Mass Spec Date	δ ¹³ C ₁ ‰	δDC ₁ ‰	δ ¹³ C ₂ ‰	δ ¹³ C ₃ ‰	Specific Gravity	BTU	* Helium Dilution Factor	
184594	MILL 1	5/10/2010			0.749	1.74	0.18	39.39	0	56.94	0.875	0	0.112	0.0095	0	0	0	0	0	5/13/2010	-51.76	-209.1	-26.9	-25.1	0.74	596	0.70

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.

*Addition of helium negates the ability to detect native helium or hydrogen.

Ethane and propane isotopes obtained online via GC-C-IRMS