

Isotech Gas Data

Job 12642

Miller Follow-Up

Isotech Lab No.	Sample Name	GC 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 + %	MS date	δ ¹³ C ₁ ‰	δDC ₁ ‰	δ ¹³ C ₂ ‰	δ ¹³ C ₃ ‰	Specific Gravity	BTU	Helium dilution factor *
181180	MILL1	4/13/2010			0.699	1.93	0.13	41.79	0	54.58	0.762	0.0003	0.0959	0.0084	0.0013	0	0	0.0003	4/13/2010	-51.79	-203.8	-27.6	-24.8	0.749	569	0.62
181181	MILL3	4/13/2010			1.27	18.17	3.52	61.74	0	15.27	0.0279	0.0004	0.0032	0.0004	0	0	0	0.0004	4/13/2010	-51.26	-186.2			0.954	155	0.77
181182	TATE1	4/13/2010			0.708	1.51	0.14	41.11	0	55.66	0.765	0.0003	0.0963	0.0084	0.0011	0	0	0.0003	4/13/2010	-51.85	-204.8	-27.3	-24.7	0.744	580	0.64
181183	PIPE1	4/13/2010			0.707	1.68	0.14	40.94	0	55.66	0.767	0.0003	0.0964	0.0083	0.0010	0	0	0.0003	4/13/2010	-51.85	-205.4	-27.2	-24.7	0.744	580	0.64

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.

****isotopes obtained online via GC-C-IRMS**