

Isotech Gas Data

Job 12440

Isotech Lab No.	Sample Name	Field Name	Location	GC date	He %	H <sub>2</sub> %	Ar %	O <sub>2</sub> %	CO <sub>2</sub> %	N <sub>2</sub> %	CO %	C <sub>1</sub> %	C <sub>2</sub> %	C <sub>2</sub> H <sub>4</sub> %	C <sub>3</sub> %	iC <sub>4</sub> %	nC <sub>4</sub> %	iC <sub>5</sub> %	nC <sub>5</sub> %	C <sub>6</sub> + %	MS date	δ <sup>13</sup> C <sub>1</sub> ‰	δDC <sub>1</sub> ‰	δ <sup>13</sup> C <sub>2</sub> ‰	δ <sup>13</sup> C <sub>3</sub> ‰	Specific Gravity	BTU	Helium dilution factor *
178254	Mill1	009-2532	Miller	1/25/2010			0.761	0.16	0.14	47.78	0	50.45	0.622	0	0.0756	0.0064	0.0012	0.0007	0.0012	0.001	1/26/2010	-51.78	-198.6	-27.6	-25.4	0.764	524	0.59

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*