

# Isotech Gas Data

Job 11853

Weld County

Isotech Lab No.	Sample Name	GC date	He %	H <sub>2</sub> %	O <sub>2</sub> + Ar %	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> ‰	Specific Gravity	BTU	Helium dilution factor *
169315	Dahl	9/11/2009			3.16	0.96	25.73	0	70.1	0.0512	0	0	0	0	0	0	0	9/16/2009	-70.92	-269.4	-47.4	0.687	711	0.57

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 isotopes obtained online via GC-C-IRMS*