

Isotech Gas Data

Job 11853

Weld County

Isotech Lab No.	Sample Name	GC date	He %	H ₂ %	O ₂ + Ar %	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 ‰	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*