

Lab #: 943461

Job #: 60469

Sample Name: BW_NGL_78801_F_R

Company: Oxy USA Inc.

Container: IsoFlask

Field/Site Name: BWSE/GWA_NGL_Water_Well

Location: SESE_30_3N_65W

Formation/Depth: S2

Sampling Point: 755053

Date Sampled: 10/31/2024 13:12

Date Received: 11/01/2024

Date Reported: 12/17/2024

Component	Chemical mol%	$\delta^{13}\text{C}$ ‰	δD ‰	$\delta^{18}\text{O}$ ‰	Dissolved gas cc/L	Dissolved gas ppm
Carbon Monoxide	nd					
Helium	na					
Hydrogen	nd					
Argon	0.642				0.28	0.47
Oxygen	2.23					
Nitrogen	29.22				11	13
Carbon Dioxide	1.56					
Methane	66.07	-72.42	-256.5		29	19
Ethane	0.248	-38.4			0.12	0.15
Ethylene	nd					
Propane	0.0220				0.0098	0.018
Propylene	nd					
Iso-butane	0.0043					
N-butane	0.0035					
Iso-pentane	0.0009					
N-pentane	0.0005					
Hexanes +	0.0005					

Remarks:

Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.71

*Addition of helium negates the ability to detect native helium and may negate the ability to detect hydrogen.

Insufficient C3-C5 concentrations for isotopic analysis.

Ethane carbon isotope data obtained online via GC-C-IRMS.

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