

Lab #: 967106

Job #: 62391

Sample Name: BW_Brugger_203928

Company: Oxy USA Inc.

Container: IsoFlask

Field/Site Name: BWSE/GWA_Fern_Pad

Location: SENW_12_2N_67W

Formation/Depth: IN

Sampling Point: 705753

Date Sampled: 04/21/2025 10:31

Date Received: 05/06/2025

Date Reported: 06/02/2025

Component	Chemical mol%	$\delta^{13}\text{C}$ ‰	δD ‰	$\delta^{18}\text{O}$ ‰	Dissolved gas cc/L	Dissolved gas mg/L
Carbon Monoxide	nd					
Helium	na					
Hydrogen	nd					
Argon	1.02				0.43	0.72
Oxygen	2.95					
Nitrogen	55.59				21	24
Carbon Dioxide	0.75					
Methane	39.63	-71.76	-247.7		17	11
Ethane	0.0619				0.028	0.035
Ethylene	nd					
Propane	nd				<0.0002	<0.0003
Propylene	nd					
Iso-butane	nd					
N-butane	nd					
Iso-pentane	nd					
N-pentane	nd					
Hexanes +	nd					

Remarks:

Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.74

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

Insufficient C2-C5 concentrations for isotopic analysis.

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