

Lab #: 932062

Job #: 59449

CoreTrac: IS-69033

Sample Name: BW_Plains_290142

Company: Oxy USA Inc.

Container: IsoFlask

Field/Site Name: BWSE/GWA_Acacia_13_17HZ

Location: SWSE_17_2N_63W

Formation/Depth: IN

Sampling Point: 755337

Date Sampled: 07/25/2024 12:21

Date Received: 08/01/2024

Date Reported: 09/16/2024

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	0.769				0.44	0.74
Oxygen	3.82					
Nitrogen	42.73				21	25
Carbon Dioxide	0.44					
Methane	52.21	-71.89	-238.1		30	20
Ethane	0.0298				0.019	0.024
Ethylene	nd					
Propane	nd				<0.0001	<0.0002
Propylene	nd					
Iso-butane	nd					
N-butane	nd					
Iso-pentane	nd					
N-pentane	nd					
Hexanes +	0.0003					

Remarks:

Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.56

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

Insufficient ethane, propane, butane, and pentane concentrations for isotopic analysis.

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