

Lab #: 917021

Job #: 58233

CoreTrac: IS-69033

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: A

Sampling Point: 755053

Date Sampled: 04/04/2024 15:33

Date Received: 04/09/2024

Date Reported: 05/20/2024

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	0.592				0.23	0.39
Oxygen	0.60					
Nitrogen	25.14				8.8	10
Carbon Dioxide	1.55					
Methane	71.83	-72.05	-250.3		28	19
Ethane	0.259	-38.0			0.11	0.14
Ethylene	nd					
Propane	0.0214				0.0087	0.016
Propylene	nd					
Iso-butane	0.0039					
N-butane	0.0031					
Iso-pentane	0.0007					
N-pentane	nd					
Hexanes +	0.0004					

Remarks:

Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace. Helium dilution factor = 0.75

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

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

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

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