

Lab #: 909507 Job #: 57568 IS-69033 Co. Job#:

Sample Name: BW\_Meadow\_81474\_F Co. Lab#:

Company: Oxy USA Inc.

API/Well:

Container: IsoFlask

Field/Site Name: BWSE/GWA\_Meadow\_Water\_Well

Location: NWSW\_10\_1N\_65W

Formation/Depth: IN

Sampling Point: 772527

Date Sampled: 1/30/2024 11:09 Date Received: 2/06/2024 Date Reported: 2/16/2024

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	$\delta\text{D}$ ‰	$\delta^{18}\text{O}$ ‰	Dissolved gas cc/L	Dissolved gas ppm
Carbon Monoxide -----	nd					
Helium -----	na					
Hydrogen -----	nd					
Argon -----	0.766				0.33	0.55
Oxygen -----	2.28					
Nitrogen -----	38.56				15	18
Carbon Dioxide -----	0.89					
Methane -----	57.45	-72.13	-245.7		25	16
Ethane -----	0.0531				0.024	0.030
Ethylene -----	nd					
Propane -----	nd				< 0.0002	< 0.0005
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 = 0.82

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

4500641672

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

nd = not detected. na = not analyzed. Isotopic composition of hydrogen is relative to VSMOW. Isotopic composition of carbon is relative to VPDB. All gas component carbon isotope values are reported on a scale defined by a two point calibration of LSVEC and NBS 19. Isotopic composition of oxygen is relative to VSMOW, except for carbon dioxide which is relative to VPDB. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.