

Lab #: 834940 Job #: 51620 IS-69033 Co. Job#:   
 Sample Name: SVP01\_21554 Co. Lab#:   
 Company: Oxy USA Inc.   
 API/Well:   
 Container: IsoTube®   
 Field/Site Name: SG\_Vogl\_4\_5A   
 Location: NWNW\_5\_2N\_67W   
 Formation: SP   
 Sampling Point: 268356   
 Date Sampled: 7/13/2022 13:59 Date Received: 7/19/2022 Date Reported: 8/02/2022

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	$\delta\text{D}$ ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	0.942			
Oxygen -----	14.09			
Nitrogen -----	78.95			
Carbon Dioxide -----	6.02			
Methane -----	nd			
Ethane -----	nd			
Ethylene -----	nd			
Propane -----	nd			
Propylene -----	nd			
Iso-butane -----	nd			
N-butane -----	nd			
Iso-pentane -----	nd			
N-pentane -----	nd			
Hexanes + -----	0.0005			

Total BTU/cu.ft. dry @ 60deg F & 14.73psia, calculated: 0

Specific gravity, calculated: 1.024

Remarks: 4500641668

nd = not detected. na = not analyzed. Isotopic composition of hydrogen is relative to VSMOW. Isotopic composition of carbon is relative to VPDB. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.

Lab #: 834941 Job #: 51620 IS-69033 Co. Job#:   
 Sample Name: SVP02\_21554 Co. Lab#:   
 Company: Oxy USA Inc.   
 API/Well:   
 Container: IsoTube®   
 Field/Site Name: SG\_Vogl\_4\_5A   
 Location: NWNW\_5\_2N\_67W   
 Formation: SP   
 Sampling Point: 268356   
 Date Sampled: 7/13/2022 14:01 Date Received: 7/19/2022 Date Reported: 8/02/2022

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	$\delta\text{D}$ ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	0.946			
Oxygen -----	14.24			
Nitrogen -----	78.92			
Carbon Dioxide -----	5.89			
Methane -----	0.0003			
Ethane -----	0.0001			
Ethylene -----	nd			
Propane -----	0.0001			
Propylene -----	nd			
Iso-butane -----	nd			
N-butane -----	0.0002			
Iso-pentane -----	0.0002			
N-pentane -----	0.0002			
Hexanes + -----	0.0008			

Total BTU/cu.ft. dry @ 60deg F & 14.73psia, calculated: 0

Specific gravity, calculated: 1.023

Remarks: 4500641668

nd = not detected. na = not analyzed. Isotopic composition of hydrogen is relative to VSMOW. Isotopic composition of carbon is relative to VPDB. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.

Lab #: 834942 Job #: 51620 IS-69033 Co. Job#:   
 Sample Name: SVP03\_21554 Co. Lab#:   
 Company: Oxy USA Inc.   
 API/Well:   
 Container: IsoTube®   
 Field/Site Name: SG\_Vogl\_4\_5A   
 Location: NWNW\_5\_2N\_67W   
 Formation: SP   
 Sampling Point: 268356   
 Date Sampled: 7/13/2022 14:04 Date Received: 7/19/2022 Date Reported: 8/02/2022

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	$\delta\text{D}$ ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	0.968			
Oxygen -----	11.39			
Nitrogen -----	80.44			
Carbon Dioxide -----	7.20			
Methane -----	0.0003			
Ethane -----	0.0001			
Ethylene -----	nd			
Propane -----	0.0001			
Propylene -----	nd			
Iso-butane -----	nd			
N-butane -----	0.0002			
Iso-pentane -----	0.0002			
N-pentane -----	0.0002			
Hexanes + -----	0.0010			

Total BTU/cu.ft. dry @ 60deg F & 14.73psia, calculated: 0

Specific gravity, calculated: 1.027

Remarks: 4500641668

nd = not detected. na = not analyzed. Isotopic composition of hydrogen is relative to VSMOW. Isotopic composition of carbon is relative to VPDB. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.

Lab #: 834943 Job #: 51620 IS-69033 Co. Job#:   
 Sample Name: SVP04\_21554 Co. Lab#:   
 Company: Oxy USA Inc.   
 API/Well:   
 Container: IsoTube®   
 Field/Site Name: SG\_Vogl\_4\_5A   
 Location: NWNW\_5\_2N\_67W   
 Formation: SP   
 Sampling Point: 268356   
 Date Sampled: 7/13/2022 14:06 Date Received: 7/19/2022 Date Reported: 8/02/2022

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	$\delta\text{D}$ ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	0.986			
Oxygen -----	8.54			
Nitrogen -----	82.10			
Carbon Dioxide -----	8.37			
Methane -----	nd			
Ethane -----	nd			
Ethylene -----	nd			
Propane -----	nd			
Propylene -----	nd			
Iso-butane -----	nd			
N-butane -----	0.0001			
Iso-pentane -----	0.0002			
N-pentane -----	0.0001			
Hexanes + -----	0.0008			

Total BTU/cu.ft. dry @ 60deg F & 14.73psia, calculated: 0

Specific gravity, calculated: 1.029

Remarks: 4500641668

nd = not detected. na = not analyzed. Isotopic composition of hydrogen is relative to VSMOW. Isotopic composition of carbon is relative to VPDB. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.

Lab #: 834944 Job #: 51620 IS-69033 Co. Job#:   
 Sample Name: SVP05\_21554 Co. Lab#:   
 Company: Oxy USA Inc.   
 API/Well:   
 Container: IsoTube®   
 Field/Site Name: SG\_Vogl\_4\_5A   
 Location: NWNW\_5\_2N\_67W   
 Formation: SP   
 Sampling Point: 268356   
 Date Sampled: 7/13/2022 14:09 Date Received: 7/19/2022 Date Reported: 8/02/2022

Component	Chemical mol. %	$\delta^{13}\text{C}$ ‰	$\delta\text{D}$ ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide -----	nd			
Helium -----	nd			
Hydrogen -----	nd			
Argon -----	0.955			
Oxygen -----	11.76			
Nitrogen -----	79.83			
Carbon Dioxide -----	7.45			
Methane -----	nd			
Ethane -----	nd			
Ethylene -----	nd			
Propane -----	0.0001			
Propylene -----	nd			
Iso-butane -----	nd			
N-butane -----	0.0001			
Iso-pentane -----	0.0002			
N-pentane -----	0.0002			
Hexanes + -----	0.0008			

Total BTU/cu.ft. dry @ 60deg F & 14.73psia, calculated: 0

Specific gravity, calculated: 1.028

Remarks: 4500641668

nd = not detected. na = not analyzed. Isotopic composition of hydrogen is relative to VSMOW. Isotopic composition of carbon is relative to VPDB. Calculations for BTU and specific gravity per ASTM D3588. Chemical compositions are normalized to 100%. Mol. % is approximately equal to vol. %.