

Lab #: 942612

Job #: 60405

CoreTrac: IS-69033

Sample Name: SVP01-0903-0946

Company: Oxy USA Inc.

Container: IsoTube

Field/Site Name: Sherwood

Location: Weld County

Date Sampled: 09/03/2024 09:46

Date Received: 10/25/2024

Date Reported: 12/11/2024

| Component | Chemical mol% | $\delta^{13}\text{C}$ ‰ | δD ‰ | $\delta^{18}\text{O}$ ‰ | $\delta^{15}\text{N}$ ‰ |
|-----------------|---------------|-------------------------|--------------------|-------------------------|-------------------------|
| Carbon Monoxide | nd | | | | |
| Helium | nd | | | | |
| Hydrogen | nd | | | | |
| Argon | 0.933 | | | | |
| Oxygen | 19.66 | | | | |
| Nitrogen | 78.12 | | | | |
| Carbon Dioxide | 1.28 | | | | |
| Methane | nd | | | | |
| Ethane | nd | | | | |
| Ethylene | nd | | | | |
| Propane | nd | | | | |
| Propylene | nd | | | | |
| Iso-butane | nd | | | | |
| N-butane | nd | | | | |
| Iso-pentane | nd | | | | |
| N-pentane | nd | | | | |
| Hexanes + | 0.0002 | | | | |

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

Specific gravity, calculated: 1.005

Remarks:

Lab #: 942613

Job #: 60405

CoreTrac: IS-69033

Sample Name: SVP02-0903-0948

Company: Oxy USA Inc.

Container: IsoTube

Field/Site Name: Sherwood

Location: Weld County

Date Sampled: 09/03/2024 09:48

Date Received: 10/25/2024

Date Reported: 12/11/2024

| Component | Chemical mol% | $\delta^{13}\text{C}$ ‰ | δD ‰ | $\delta^{18}\text{O}$ ‰ | $\delta^{15}\text{N}$ ‰ |
|-----------------|---------------|-------------------------|--------------------|-------------------------|-------------------------|
| Carbon Monoxide | nd | | | | |
| Helium | nd | | | | |
| Hydrogen | nd | | | | |
| Argon | 0.933 | | | | |
| Oxygen | 18.89 | | | | |
| Nitrogen | 78.03 | | | | |
| Carbon Dioxide | 2.15 | | | | |
| Methane | nd | | | | |
| Ethane | nd | | | | |
| Ethylene | nd | | | | |
| Propane | nd | | | | |
| Propylene | nd | | | | |
| Iso-butane | nd | | | | |
| N-butane | nd | | | | |
| Iso-pentane | nd | | | | |
| N-pentane | nd | | | | |
| Hexanes + | 0.0003 | | | | |

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

Specific gravity, calculated: 1.009

Remarks:

Lab #: 942614

Job #: 60405

CoreTrac: IS-69033

Sample Name: SVP12-0903-1025

Company: Oxy USA Inc.

Container: IsoTube

Field/Site Name: Sherwood

Location: Weld County

Date Sampled: 09/03/2024 10:25

Date Received: 10/25/2024

Date Reported: 12/11/2024

| Component | Chemical mol% | $\delta^{13}\text{C}$ ‰ | δD ‰ | $\delta^{18}\text{O}$ ‰ | $\delta^{15}\text{N}$ ‰ |
|-----------------|---------------|-------------------------|--------------------|-------------------------|-------------------------|
| Carbon Monoxide | nd | | | | |
| Helium | nd | | | | |
| Hydrogen | nd | | | | |
| Argon | 0.941 | | | | |
| Oxygen | 17.00 | | | | |
| Nitrogen | 78.38 | | | | |
| Carbon Dioxide | 3.67 | | | | |
| Methane | 0.0003 | | | | |
| Ethane | nd | | | | |
| Ethylene | nd | | | | |
| Propane | nd | | | | |
| Propylene | nd | | | | |
| Iso-butane | nd | | | | |
| N-butane | nd | | | | |
| Iso-pentane | nd | | | | |
| N-pentane | nd | | | | |
| Hexanes + | 0.0003 | | | | |

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

Specific gravity, calculated: 1.015

Remarks:

Lab #: 942615

Job #: 60405

CoreTrac: IS-69033

Sample Name: SVP13-0903-1030

Company: Oxy USA Inc.

Container: IsoTube

Field/Site Name: Sherwood

Location: Weld County

Date Sampled: 09/03/2024 10:30

Date Received: 10/25/2024

Date Reported: 12/11/2024

| Component | Chemical mol% | $\delta^{13}\text{C}$ ‰ | δD ‰ | $\delta^{18}\text{O}$ ‰ | $\delta^{15}\text{N}$ ‰ |
|-----------------|---------------|-------------------------|--------------------|-------------------------|-------------------------|
| Carbon Monoxide | nd | | | | |
| Helium | nd | | | | |
| Hydrogen | nd | | | | |
| Argon | 0.953 | | | | |
| Oxygen | 8.99 | | | | |
| Nitrogen | 79.74 | | | | |
| Carbon Dioxide | 10.32 | -27.79 | | | |
| Methane | 0.0017 | | | | |
| Ethane | nd | | | | |
| Ethylene | nd | | | | |
| Propane | nd | | | | |
| Propylene | nd | | | | |
| Iso-butane | nd | | | | |
| N-butane | nd | | | | |
| Iso-pentane | nd | | | | |
| N-pentane | nd | | | | |
| Hexanes + | 0.0002 | | | | |

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

Specific gravity, calculated: 1.040

Remarks:

Insufficient methane concentration for isotopic analysis.

Lab #: 942616

Job #: 60405

CoreTrac: IS-69033

Sample Name: SVP14-0903-1033

Company: Oxy USA Inc.

Container: IsoTube

Field/Site Name: Sherwood

Location: Weld County

Date Sampled: 09/03/2024 10:33

Date Received: 10/25/2024

Date Reported: 12/11/2024

| Component | Chemical mol% | $\delta^{13}\text{C}$ ‰ | δD ‰ | $\delta^{18}\text{O}$ ‰ | $\delta^{15}\text{N}$ ‰ |
|-----------------|---------------|-------------------------|--------------------|-------------------------|-------------------------|
| Carbon Monoxide | nd | | | | |
| Helium | nd | | | | |
| Hydrogen | nd | | | | |
| Argon | 0.966 | | | | |
| Oxygen | 10.34 | | | | |
| Nitrogen | 80.68 | | | | |
| Carbon Dioxide | 8.01 | -28.23 | | | |
| Methane | 0.0031 | | | | |
| Ethane | nd | | | | |
| Ethylene | nd | | | | |
| Propane | nd | | | | |
| Propylene | nd | | | | |
| Iso-butane | nd | | | | |
| N-butane | nd | | | | |
| Iso-pentane | nd | | | | |
| N-pentane | nd | | | | |
| Hexanes + | 0.0002 | | | | |

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

Specific gravity, calculated: 1.030

Remarks: