

**Lab #:** 998327

**Job #:** 65228

**Sample Name:** Encana Payton 20-1 (PD21) Casing

**Company:** QB Energy Operating, LLC

**API/Well:** 05-045-11944

**Container:** IsoTube Single Valve

**Location:** Federal Lease # COC-70835

**Sampling Point:** 283573

**Date Sampled:** 09/08/2025

**Date Received:** 01/09/2026

**Date Reported:** 02/16/2026

Component	Chemical mol%	$\delta^{13}\text{C}$ ‰	$\delta\text{D}$ ‰	$\delta^{18}\text{O}$ ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide	nd				
Helium	0.0042				
Hydrogen	0.267				
Argon	0.0085				
Oxygen	0.19				
Nitrogen	0.63				
Carbon Dioxide	0.30				
Methane	91.63	-40.1	-188		
Ethane	4.57	-28.3			
Ethylene	0.0037				
Propane	1.27	-26.5			
Propylene	nd				
Iso-butane	0.248	-25.8			
N-butane	0.285	-24.9			
Iso-pentane	0.131	-25.9			
N-pentane	0.108	-25.1			
Hexanes +	0.356				

Total BTU/cu.ft. dry @ 60° F & 14.73psia, calculated: 1088

Specific gravity, calculated: 0.615

Remarks:

Cannot resolve CO2 due to high background from C1.

Billing Code: 203047, Major/Minor Code: 8000..126