

Liquid Analysis

Lot Number: **1546457**
Report Number: 2709824
Reference Sample ID: 7857689

Whitemud Creek Resources
Meter # / Sample ID: 102/07-11-053-01W5/0 Operator: WMCR LTD STONY 7-11-53-1 Container Identity: OFS8
Location: Spruce Grove Well Name: Ellerslie Y Well License No.: 0061221 KB Elev, m: 714.10 GR Elev, m: 710.20
Field/Area: Ellerslie Formation: Ellerslie Y Pool: 07-11-053-01 W5 Surface Location:
Test Type: Condensate from field tank Sampler: Company: Sampling Method:

Type of Production: Sample Point: Other Information:
Test Interval, m: Associated Facility:
Test Recovery:
Production Rates: Water m³/d Oil m³/d Gas 10³ m³/d
Perforations, m: Gauge Pressure, kPa: Other ID: Schematic ID:
Temperature, °C: Source Sampled Received: Other:
2022-01-12 Date Sampled (Y-M-D) 2022-01-12 Time Sampled 2022-01-20 Date Received (Y-M-D) 2022-01-20 Date Reported (Y-M-D) Date On Date Off

Comp.	Mole Fraction	Mass Fraction	Volume Fraction
N2			
CO2			
H2S	0.0000	0.0000	0.0000
C1	0.0000	0.0000	0.0000
C2	0.0003	0.0001	0.0002
C3	0.0119	0.0062	0.0083
iC4	0.0250	0.0173	0.0207
nC4	0.1110	0.0766	0.0885
iC5	0.1259	0.1078	0.1165
nC5	0.1653	0.1416	0.1517
C6	0.2134	0.2136	0.2152
C7+	0.3472	0.4368	0.3989
Total	1.0000	1.0000	1.0000

Properties of Fractions						
	Mole Fraction	Mass Fraction	Volume Fraction	Density @ 15°C		Relative Molecular Mass
				Relative	Absolute, kg/m ³	
C7+	0.3472	0.4368	0.3989	0.740	739	105.9
C6+	0.5606	0.6504	0.6141	0.716	715	97.7
C5+	0.8518	0.8998	0.8823	0.689	689	89.0

Properties of Total Sample				
Density @ 15°C		API Gravity	Relative Molecular Mass	Gas Equivalent Factor m ³ gas / m ³ liquid
Relative	Absolute, kg/m ³			
0.676	675	77.97	84.2	189.57

Approved by: *S Montgomery* Sara Montgomery, B.Sc
Project Manager

Data have been validated by Analytical Quality Control and Element's Integrated Data Validation System (IDVS).
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Note: Physical constants used in calculations from GPA Midstream Standard 2145-16

Methodology and Notes

Bill To: Whitemud Creek Resources	Project ID:	Lot ID: 1546457
Suite 2207, 20 Patterson Blvd S.	Project Name: Whitemd Creek Resources	Control Number:
Calgary, AB, Canada	Project Location:	Date Received: Jan 12, 2022
T3H 1W9	LSD: 102/07-11-053-01W5/0	Date Reported: Jan 20, 2022
Attn: Accounts Payable	P.O.:	Report Number: 2709824
Sampled By:	Proj. Acct. code:	
Company:		

Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
High Pressure Liquid Analysis	ASTM	* Standard Test Method for Boiling Range Distribution of Petroleum Fractions by Gas Chromatography, D 2887-19a	Jan 14, 2022	Element Edmonton - Roper Road
High Pressure Liquid Analysis	Element-in house	High Pressure Liquid Compositional Analysis, TM GAS 015-90	Jan 14, 2022	Element Edmonton - Roper Road

** Reference Method Modified*

References

ASTM	Annual Book of ASTM Standards
Element-in house	In house method

Please direct any inquiries regarding this report to our Client Services group.

Results relate only to samples as submitted.

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Report Transmission Cover Page

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Company:		

Contact	Company	Address
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