

11000730A 17GF227876A
 Container Identification Sample Point Code Meter Code AGAT WDMS Number Previous Number Laboratory Number

LEUCROTTA EXPLORATION METER RUN A08-22-081-14W6
 Operator Name Sampling Point Unique Well Identifier

LEUCROTTA Hz MICA A08-22-081-14 33137
 Well Name Well License Well Status Well Fluid Status LSD

MICA NOT AVAILABLE AGAT/FORT ST. JOHN SS
 Field or Area Pool or Zone Sampler's Company Name of Sampler

Test Interval (mKB)		Elevation (m)		Pressure (kPa)		Temperature (°C)	
From	To	Test Type	Test No.	647.30 KB	641.80 GRD	1200 Source	1200 Received
						42 Source	23 Received

Jun 19, 2017 Jun 21, 2017 Jun 27, 2017 Jun 27, 2017 Calgary - Liming Zhao - Reporter
 Date Sampled Date Received Date Analyzed Date Reported Location - Approved By - Title

Other Information FIELD H2S = 0 ppm, TEST VESSEL; BHL: 100/13-22-081-14W6/00

COMPOSITION

Component	Mole Fraction		Liquid Volume mL / m ³	Mole Fraction of Previous Analysis
	Air Free As Received	Air & Acid Gas Free As Received		
H ₂	0.0001	0.0001		
He	0.0001	0.0001		
N ₂	0.0851	0.0852		
CO ₂	0.0011	0.0000		
H ₂ S	0.0000	0.0000		
C ₁	0.7396	0.7404		
C ₂	0.0868	0.0869	308.5	
C ₃	0.0511	0.0512	187.8	
iC ₄	0.0064	0.0064	27.9	
nC ₄	0.0169	0.0169	71.1	
iC ₅	0.0037	0.0037	18.1	
nC ₅	0.0043	0.0043	20.8	
C ₆	0.0024	0.0024	13.2	
C ₇	0.0015	0.0015	9.2	
C ₈	0.0006	0.0006	4.1	
C ₉	0.0002	0.0002	1.5	
C ₁₀₊	0.0001	0.0001	0.8	
TOTAL	1.0000	1.0000	663.0	

PROPERTIES

Calculated Heating Value @15 °C & 101.325 kPa (MJ/m ³)				
Gross		Net		
43.56	43.60	0.53	39.38	39.42
<i>Air Free as Received</i>	<i>Moisture & Acid Gas Free</i>	<i>C₇₊ Moisture Free</i>	<i>Air Free as Received</i>	<i>Moisture & Acid Gas Free</i>

Calculated Density				
Relative			Absolute	
0.744	0.743	3.722	698.5	0.912
<i>Moisture Free As Received</i>	<i>Moisture & Acid Gas Free</i>	<i>C₇₊ Moisture Free</i>	<i>C₇₊ Density (kg/m³)</i>	<i>Total Sample Density (kg/m³)</i>

Calculated Pseudo Critical Properties			
As Sampled		Acid Gas Free	
4466.7	213.5	4463.5	213.4
<i>pPc (kPa)</i>	<i>pTc (K)</i>	<i>pPc (kPa)</i>	<i>pTc (K)</i>

Hydrogen Sulfide (H ₂ S) (ppm)		
Field Value	Laboratory Value	g/m ³
		0.00
<i>Stain Tube</i>	<i>Tutweiler</i>	<i>Other</i>
		<i>GC-SCD</i>

Calculated Molecular Weight (Moisture Free as Received) (g/mol)	
21.6	107.8
<i>Total Sample</i>	<i>C₇₊ Fraction</i>

Calculated Vapour Pressure	Gas Compressibility
84.74	0.9947
<i>C₇₊ (kPa)</i>	<i>@ 15 °C & 101.325 kPa</i>



WDMS Data Verification Check

Exceeds normal limits :N2