



<b>Container Identification</b>
13001373C

<b>Operator Name</b>	<b>Previous Number</b>	<b>Laboratory Number</b>
ENCANA CORPORATION	14GF830069A	14GF835566C

<b>Unique Well Identifier</b>	<b>Well Name</b>
104/03-15-079-17W6/00	ECA CRP Hz SUNRISE E03-21-079-17

<b>Field or Area</b>	<b>Pool or Zone</b>	<b>Sampler's Company</b>
SUNRISE	MONTNEY	AGAT/FORT ST. JOHN

<b>Well License</b>	<b>Elevation</b>	<b>Test Type</b>	<b>Test No.</b>	<b>Name of Sampler</b>
29387	KB m 784.40 GRD m 778.60			TH

<b>Test Interval or Perfs mKB</b>	<b>Sampling Point</b>	<b>Separator</b>	<b>Reservoir</b>	<b>Source</b>	<b>Sampled</b>	<b>Received</b>
2560.0 - 4304.8	TEST VESSEL	Pressure (kPa)		3200	3200	3000
		Temperature		12	12	21

<b>Date Sampled</b>	<b>Date Received</b>	<b>Date Analyzed</b>	<b>Date Reported</b>	<b>Location - Approved By - Title</b>
May 02, 2014	May 02, 2014	May 06, 2014	May 06, 2014	Grande Prairie - Jeff Housman - Reporter

<b>Other Information</b>
SFC: E3-21-079-17W6; FIELD H2S BY TUBE = ND/LAB H2S BY SCD = 0.1 PPM

\* Results relate only to the items tested

COMP	MOLE FRACTION		PETROLEUM LIQUID mL / m <sup>3</sup>
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0001	0.0001	
He	TRACE	TRACE	
N2	0.0012	0.0012	
CO2	0.0016	0.0000	
H2S	TRACE	0.0000	
C1	0.8901	0.8916	
C2	0.0768	0.0769	
C3	0.0195	0.0195	71.7
IC4	0.0036	0.0036	15.7
NC4	0.0040	0.0040	16.8
IC5	0.0011	0.0011	5.4
NC5	0.0009	0.0009	4.4
C6	0.0007	0.0007	3.8
C7	0.0003	0.0003	1.8
C8	0.0001	0.0001	0.7
C9	TRACE	TRACE	0.0
C10+	TRACE	TRACE	0.0
<b>Total</b>	<b>1.0000</b>	<b>1.0000</b>	<b>120.3</b>

### GROSS HEATING VALUE MJ/m<sup>3</sup> 15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free	C7+, Air Free As Received
42.02	42.08	0.08

### RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free	C7+, Moisture Free	C7+, Portion Whole Density	C7+ Density (kg/m <sup>3</sup> )	Total Sample Density(kg/m <sup>3</sup> )
0.630	0.628	3.581	0.001	693.0	0.771

### PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4604.8	205.6	4600.4	205.4

### RELATIVE MOLECULAR MASS

Total Gas	C7+
18.2	103.7

### VAPOUR PRESSURE (Pentanes +)

90.12 kPa
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### H2S g/m<sup>3</sup>

0.00
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This analysis and calculations are based on GPA 2261, GPA 2145, and AGA#5

