



Gas Analysis

Lot Number: **915914**
Report Number: 1799128
Reference Sample ID: 4289249

Well License No. Bonavista Petroleum Ltd. Operator EX00287 Container Identity

b-046-L/094-A-12 Location Blueberry b-046-L/094-A-12 Facility Well Name Blueberry KB Elev, m GR Elev, m

Field/Area Blueberry Pool/Zone S. Busche Sampler Company

Test Recovery:
Test Type No
Multiple Recovery n/a

Test Interval, m
Perforations, m

Sales Line

Sample Point Meter # / Sample ID

Type of Production: Pumping Flowing Gas Lift Swab
Production Rates: Water m³/d Oil m³/d Gas 10³ m³/d

Gauge Pressure, kPa 930 883
Temperature, °C 20
Source Sampled Received Date On Date Off

2013-01-13 11:00 2013-01-21 2013-01-25
Date Sampled (Y-M-D) Time Sampled Date Received (Y-M-D) Date Reported (Y-M-D) Other Information

Comp.	Mole Fraction (Air Free)		Petroleum Liquid Content mL/m ³
	As Received	Acid Gas Free	
H2	0.0001	0.0001	
He	0.0001	0.0001	
N2	0.0020	0.0020	
CO2	0.0012	0.0000	
H2S	0.0000	0.0000	
C1	0.8184	0.8194	
C2	0.1019	0.1020	362.1
C3	0.0449	0.0449	165.0
iC4	0.0087	0.0087	38.0
nC4	0.0135	0.0135	56.8
iC5	0.0037	0.0038	18.1
nC5	0.0029	0.0029	14.0
C6	0.0017	0.0017	9.3
C7	0.0007	0.0007	4.3
C8	0.0002	0.0002	1.4
C9	Trace	Trace	0.0
C10+	Trace	Trace	0.0
Total	1.0000	1.0000	669.0

Gross Heating Value - Moisture Free
MJ/m³ @ 15°C, 101.325 kPa

AGA #5	AGA #5	GPA 2172	Pseudocritical Properties	
As Received	Acid Gas Free	As Received	Pressure, kPa	Temperature, K
46.14	46.20	46.14	4580	218.0

Density - Moisture Free, As Sampled

Ideal Gas (AGA #5)		Real Gas (GPA 2172)	
Absolute, kg/m ³	Relative	Absolute, kg/m ³	Relative
0.858	0.700	0.861	0.703

Relative Molecular Mass

Total Gas	C7+	Hydrogen Sulfide g/m ³	Vapour Pressure Pentanes Plus, kPa
20.29	103.33	0.00	101

Approved by:

Robert Lessard, BSc
Consulting Scientist - Reservoir Fluids

Note: Physical constants used in calculations from GPA Standard 2145-09

Methodology and Notes

Bill To: Bonavista Petroleum Ltd.	Project:	Lot ID: 915914
Report To: Bonavista Petroleum Ltd.	ID:	Control Number:
10511 - 100 Avenue	Name: Blueberry b-046-L/094-A-12	Date Received: Jan 21, 2013
Fort St. John, BC, Canada	Location: Blueberry	Date Reported: Jan 25, 2013
V1J 1Z1	LSD: b-046-L/094-A-12	Report Number: 1799128
Attn: Karen Demers	P.O.:	
Sampled By: S. Busche	Acct code:	
Company:		

Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Natural Gas - C7/10 Composition	GPA	* Analysis for Natural Gas and Similar Gaseous Mixtures by Gas Chromatography, 2261-00	22-Jan-13	Exova Edmonton
Natural Gas - C7/10 Composition	GPA	Calculation of Gross Heating Value, Relative Density and Compressibility Factor for Natural Gas Mixtures from Compositional Analysis, 2172-09	22-Jan-13	Exova Edmonton

** Reference Method Modified*

References

GPA Gas Processors Association

Comments:

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

Results relate only to samples as submitted.

The test report shall not be reproduced except in full, without the written approval of the laboratory.

Report Transmission Cover Page

Bill To: Bonavista Petroleum Ltd.	Project:	Lot ID: 915914
Report To: Bonavista Petroleum Ltd.	ID:	Control Number:
10511 - 100 Avenue	Name: Blueberry b-046-L/094-A-12	Date Received: Jan 21, 2013
Fort St. John, BC, Canada	Location: Blueberry	Date Reported: Jan 25, 2013
V1J 1Z1	LSD: b-046-L/094-A-12	Report Number: 1799128
Attn: Karen Demers	P.O.:	
Sampled By: S. Busche	Acct code:	
Company:		

Contact & Affiliation	Address	Delivery Commitments
E-Services Bonavista Petroleum Ltd.	10511 - 100 Avenue Fort St. John, British Columbia V1J 1Z1 Phone: (250) 785-1354 Fax: null Email: bonavista.analysisresults@bonavistaenergy.com	On [Report Approval] send (Test Report) by Email - Multiple Reports On [Report Approval] send (Test Report) by Email - Multiple Reports On [Report Approval] send (Test Report) by Email - Multiple Reports On [Report Approval] send (Test Report) by Email - Multiple Reports
Karen Demers Bonavista Petroleum Ltd.	10511 - 100 Avenue Fort St. John, British Columbia V1J 1Z1 Phone: (250) 261-5359 Fax: null Email: karen.demers@bonavistaenergy.com	On [Lot Approval and Final Test Report Approval] send (Invoice) by Email - Single Report

Notes To Clients:

The information contained on this and all other pages transmitted, is intended for the addressee only and is considered confidential. If the reader is not the intended recipient, you are hereby notified that any use, dissemination, distribution or copy of this transmission is strictly prohibited. If you receive this transmission by error, or if this transmission is not satisfactory, please notify us by telephone.