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Oil Analysis

Lot Number: **781094**
Report Number: 1398565
Reference Sample ID: 3539115

26624 Bonavista Petroleum Ltd. 1 L Plastic
Well License No. Operator Container Identity
200/c-046-C/094-A-13 Bonavista Blueberry d-A50-C/94-A-13
Location Well Name 897.50 892.40
KB Elev, m GR Elev, m
Blueberry Montney Boreal
Field/Area Pool/Zone Sampler Company

Prod
Test Type No
Multiple Recovery n/a

Test Recovery:

Test Interval, m
Perforations, m

P-Tank
Sample Point Meter # / Sample ID
Type of Production: Pumping Flowing Gas Lift Swab
Production Rates: Water m³/d Oil m³/d Gas 10⁹ m³/d
Gauge Pressure, kPa
Temperature, °C 20
Source Sampled Received
Date On Date Off

2010-12-23 17:00 2010-12-29 2011-01-06
Date Sampled (Y-M-D) Time Sampled Date Received (Y-M-D) Date Reported (Y-M-D) Other Information

Sample Properties				
BS & W, Volume Fraction (ASTM D4007)				
Color of Clean Oil		Water	Sediment	Total
ASTM L1.0				
Density @ 15°C (ASTM D4052)				
Relative		Absolute, kg/m ³		API
As Received	After Cleaning	As Received	After Cleaning	Gravity
0.7910		790.3		47.5
Total Sulfur (ASTM D4294)		RVP (ASTM D323)	Pour Point, °C	
Mass Fraction	g / kg	kPa	(ASTM D97)	
0.0022	2.2	42		
Flashpoint, °C				
Wax Content	Asphaltene	Closed Cup	Open Cup	
mass %	mass %	(ASTM D93)	(ASTM D92)	
Viscosity (ASTM D445 or Brookfield)				
Temp	Absolute, mPa.s		Kinematic, mm ² /s	
15 °C	3.082		3.900	

Volume Fraction Distilled	Temp °C
IBP	56
0.05	93
0.10	108
0.15	121
0.20	134
0.25	147
0.30	164
0.35	181
0.40	198
0.45	217
0.50	238
0.55	259
0.60	282
0.65	303
0.70	330
0.75	353
0.80	370
0.85	
0.90	
0.95	
1.00	
F.B.P.	
Cracked	379

Distillation		
Distillation Parameters		
Method: ASTM D86 (Modified)		
Barometric Pressure, kPa	92.2	
Room Temperature, °C	20	
Distillation Summary, Volume Fraction		
200 °C	275 °C	350 °C
Naphtha	Kerosene	Light Gas Oil
0.410	0.180	0.150
Recovered	Residue	Distillation Loss
0.823	0.170	0.007
Base Type	Characterization Factor	
	Not Required	

S Montgomery

Approved by:

Sara Montgomery, B.Sc
Quality Officer