



217 Road NW, Edmonton, AB. T6B 3J4  
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Lot Number: 419883  
Report Number: 772485  
NWL Sample ID: 1627751  
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# Oil Analysis

Anadarko Canada Corporation

1 L Plastic/1 L Plastic

Operator

Container Identity

200/b-011-I/094-B-07/0  
Location

Anadarko Graham b-11-I  
Well Name

855.00 850.00  
KB Elev, m GR Elev, m

Graham  
Field/Area

Baldonnel  
Pool / Zone

Jeremy T  
Sampler

Lyons Production  
Company

Prod  
Test Type No  
Multiple Recovery No

Test Recovery:

## Stock/Condensate

Sample Point

Meter # / Sample ID

Type of Production:	Pumping	Flowing	Gas Lift	Swab
Production Rates:	Water	m <sup>3</sup> /d Oil	m <sup>3</sup> /d Gas	167.38 10 <sup>3</sup> m <sup>3</sup> /d

Gauge Pressure, kPa

Temperature, °C

Source

Sampled

Received

Date On

Date Off

2005-10-27

16:00

2005-10-31

2005-11-04

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
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ASTM L0.5

### Density @ 15°C (ASTM D4052)

#### Relative

#### Absolute, kg/m<sup>3</sup>

#### API Gravity

As Received	After Cleaning	As Received	After Cleanin
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0.6958

695.2

71.9

### Total Sulphur (ASTM D4294)

### RVP (ASTM D323)

### Pour Point, °C (ASTM D97)

Mass Fraction	g / kg	kPa
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0.0095

9.5

117

### Wax Content

### Asphaltene

### Flashpoint, °C

#### Closed Cup (ASTM D93)

#### Open Cup (ASTM D92)

%

%

### Viscosity (ASTM D445 or Brookfield)

Temp	Absolute, mPa.s	Kinematic, mm <sup>2</sup> /s
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15 °C

0.418

0.601

## Volume Fraction Temp Distilled °C

IBP	36
0.05	52
0.10	59
0.15	65
0.20	71
0.25	77
0.30	83
0.35	88
0.40	93
0.45	99
0.50	105
0.55	111
0.60	117
0.65	125
0.70	134
0.75	144
0.80	159
0.85	184
0.90	
0.95	
1.00	

F.B.P. 202

Cracked

## Distillation

### Distillation Parameters

Method: ASTM D86 (Modified)

Barometric Pressue, kPa 92.3

Room Temperature, °C 20

### Distillation Summary, Volume Fraction

200 °C	275 °C	350 °C
Naphtha	Kerosene	Light Gas Oil

Recovered	Residue	Distillation Loss
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0.920

Base Type

Characterization Factor

Not Required

Remarks

Approved by:

Dave Murray, CHT

Energy Operations Manager