



Container Identification
PB3

Operator Name
ARC RESOURCES LTD

Laboratory Number
10OG460308A

Unique Well Identifier	Well Name
A04-26-080-16W6	ARC Hz PARKLAND A4-26-80-16

Field or Area	Pool or Zone	Sampler's Company
PARKLAND	MONTNEY	

Well License	Elevation	Test Type	Test No.	Name of Sampler
26439	KB m GRD m			

Test Interval or Perfs mKB	Sampling Point	Separator	Reservoir	Source	Sampled	Received
	NOT AVAILABLE	Pressure (kPa)				
		Temperature			6	

Date Sampled	Date Received	Date Analyzed	Date Reported	Entered By	Certified By
Nov 29, 2010	Dec 15, 2010	Dec 20, 2010	Dec 20, 2010	Nada Todorovic	Valentina Strelnikova

Other Information

* Results relate only to the items tested

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone information was unavailable at time of reporting. This information is integral to AGAT's WebFLUIDs, a comparison, history and trending analysis system.

Sample Properties

Colour of Oil	Colour Number ASTM D-1500
Colorless	L1 A.S.T.M.

B.S. & W. (Volume Fraction)

Water	Sediment	Total
0.006	0.004	0.010

Density - As Received

API Gravity @ 15°C	Relative	Absolute (kg/m ³)
60.77	0.7360	735.3

Total Sulphur Mass Fraction	Pour Point (°C) (A.S.T.M. D-97)
0.00003	<-51

Viscosity

Temp °C	Absolute (mPa*s)	Kinematic (mm ² /s)
15	0.59	0.80
25	0.51	0.70
35	0.44	0.61

Distillation

Volume Fraction	Temp (°C)
0.05	60.4
0.10	77.6
0.15	93.8
0.20	101.8
0.25	108.9
0.30	112.9
0.35	116.0
0.40	120.0
0.45	126.1
0.50	131.1
0.55	138.2
0.60	142.2
0.65	151.3
0.70	160.4
0.75	169.5
0.80	184.7
0.85	202.9
0.90	236.2

Method
A.S.T.M. -D86*

Initial Boiling Point (°C)
34.1

Absolute Barometric Pressure (kPa)
89.8

Room Temp (°C)
22.5

Final Boiling Point (°C)	Characterization Factor
285.7	11.9

200 °C Naphtha
0.84

275 °C Kerosene
0.12

350 °C Light Gas Oil
0.02

Recovered
0.98

Distillation Loss
0.02

Other Comments:

The distillation temperatures have been corrected to 101.3 kPa (abs).

