



Delta-P Test Corp.

**October 09, 2012, 11:29 AM
Northern Cross (Yukon) Limited
300E786610137000
NCY E Chance E-78
Blackie / 929 m - 939 m
DST # 1**

Surface pressures and flow rates for all phases of production have been recorded on a minute by minute basis throughout the flow period. The results in both tabular and graphical form are contained in the following report.

During the preflow there was very little influx.

The test was terminated 50 minutes into the initial shut-in as there was no pressure response.

The top of the recovery was encountered at 48 m above the test tool and consisted of 48 m of drilling mud. The fluid recovery recorder indicates there was 44 m (0.123 m³) in the pipe prior to opening the tool for the preflow.

Analysis for liquid influx during this test was undertaken utilizing pressure data from the liquid recovery recorder # 77044 in conjunction with the surface pressure data. An iterative method of calculation has been employed that compares the two data files every fifteen seconds. A simple computation using the reported recovery indicates a recovery gradient of 12.3 kPa/m, which is reasonable for drilling mud and the reported recovery is therefore verified. Detailed calculations for the flow period show that 4 m (0.011 m³) entered the chamber during the preflow.

Detailed rates for both phases may be found in the following tables.

Recovery analysis:

	Rw (ohm-m @ 25 C)
Mud tank sample	0.86
Top	0.86
Bottom	0.87

Delta-P Real Time gauge plots, outside recorder # 76884 and fluid recorder # 77044 have been converted and included in this report.

The bottom hole temperature was recorder as 21 degrees Celsius.

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CLOSED CHAMBER REPORT SUMMARY

FLOW AND SHUT-IN TIMES (minutes)

Flow #1 = 10.3

Shut-In #1 = 50.0

FLOW RATES (m3/D)

Flow #1	initial final	GAS	LIQUID
		0.00 0.00	0.33 0.16

RECOVERY

LENGTH (m)	VOLUME (m3)	LIQUID DENSITY	DESCRIPTION
4.00	0.01	12.30	Drilling mud
44.00	0.12	12.30	Drilling mud in pipe prior to test
48	0.13	12.30 (avg)	TOTAL RECOVERY