

## Mariner I-85

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### WELL SUMMARY

#### GENERAL INFORMATION

D #	392
Location	44 <sup>0</sup> 04'30.74" N 59 <sup>0</sup> 42'07.20" W
Company	Canadian Superior
UWI	300I854410059300
Area	Scotian Shelf
Spud Date	November 19, 2003
Well Term. Date	March 16, 2004
Drilling Rig	Rowan Gorilla V
Water Depth (m)	55.5
Rotary Table (m)	47.0
Total Depth MD (m)	5,408
Well Classification	gas show
Well Type	Exploratory
Well Status	P&A
Info. Release Date	Released

#### CASING:

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
914 mm x 190.5 m	36" x 625'
508 mm x 1,010.2 m	20" x 3,314.3'
346 mm x 340 mm x 3,243.5 m	13 <sup>5/8</sup> " x 13 <sup>3/8</sup> " x 10,641.4'
273 mm x 251 mm x 4,521 m	9 <sup>5/8</sup> " x 9 <sup>7/8</sup> " x 14,832.6'

#### GEOLOGIC TOPS :

	MD (m)
Banquereau Fm	1,358 (bottom)
Wyandot Fm	1,358
Dawson Canyon Fm	1,436
Petrel Mb	1,515
Logan Canyon Fm	1,626
Sable Shale Mb	1,883
Cree Mb	1,977
Naskapi Mb	2,721.5
Missisauga Fm	2,844
Missisauga Upper Mb	2,844
("O" Marker)	3,192
Missisauga Middle Mb	3,204.4
Missisauga Lower Mb	4,105.5
MicMac Fm	4,284.5
(Abenaki A)	4,284.5
(Upper Clastics)	4,312
(Abenaki B)	4,505
(Lower Clastics)	4,551
(Abenaki C)	5,294

\*Note: Geologic Tops as interpreted by ECL Exploration Consultants

## **ADDITIONAL REPORTS AND LOGS**

Well History Report

Platform Express High Resolution Laterolog 1:120 Scale High Resolution Run 1

Platform Express High Resolution Laterolog 1:240 Scale Run 1

Platform Express High Resolution Laterolog 1:600 Scale Run 1

Platform Express Compensated Neutron-TLD Density 1:120 Scale High Resolution Run 1

Platform Express Compensated Neutron-TLD Density 1:240 Scale Run 1

Platform Express Compensated Neutron-TLD Density 1:600 Scale Run 1

EMS Caliper Cement Volume 1:600 Scale Run 1

Decision Express ECS Yields Quality 1:240, Run 2

Decision Express Spectrolith Data 1:240

EMS – 6 Arm Caliper Cement Volume Log, Run 2

Dipole Shear Sonic Coherence Plots 1:240, Run 2

Dipole Shear Sonic Compressional Data 1:240, Run 2

Dipole Shear Sonic Compressional Data 1:600, Run 2

Platform Express High Resolution Log 1:120, Run 2

Platform Express High Resolution Log 1:240, Run 2

Platform Express High Resolution Log 1:600, Run 2

Platform Express Compensated Neutron-TLD Density 1:120, Run 2

Platform Express Compensated Neutron-TLD Density 1:240, Run 2

Platform Express Compensated Neutron-TLD Density 1:600, Run 2

Natural Gamma Ray Spectroscopy 1:240, Run 3 (Field Print)

Combinable Magnetic Resonance 1:240, Run 3 (Field Print)

Elemental Capture Spectroscopy 1:240, Run 3 (Field Print)

Dipole Shear Sonic Compressional Data 1:600, Run 3 (Field Print)

Dipole Shear Sonic Coherence Plots 1:240, Run 3 (Field Print)

Dipole Shear Sonic Compressional Data 1:240, Run 3 (Field Print)

Quad Combo Compensated Neutron Lithodensity Log, 1:600, Run 3 (Field Print)

Quad Combo Compensated Neutron Lithodensity Log, 1:240, Run 3 (Field Print)

Quad Combo Compensated Neutron Lithodensity Log, 1:120, Run 3 (Field Print)

Quad Combo Array Induction Log, 1:600, Run 3 (Field Print)

Quad Combo Array Induction Log, 1:240, Run 3 (Field Print)

Quad Combo Array Induction Log, 1:120, Run 3 (Field Print)

Oil Base Mud Microimager 1:240, Run 3 (Field Print)

EMS 6-Arm Caliper Cement Volume Log, Run 3 (Field Print)

Modular Formation Dynamics Tester MDT Pressures, Run 3 (Field Print)

Core Analysis Report

Mineralogical Study of Canadian Superior Mariner I-85

Dipole Shear Sonic Coherence Plots 1:240, Run 3

Dipole Shear Sonic Compressional Data 1:240, Run 3

Dipole Shear Sonic Compressional Data 1:600, Run 3

Natural Gamma Ray Spectroscopy 1:240, Run 3

Quad Combo Array Induction 1:120, Run 3

Quad Combo Array Induction 1:240, Run 3

Quad Combo Array Induction 1:600, Run 3

Quad Combo Compensated Neutron Lithodensity Log 1:120, Run 3

Quad Combo Compensated Neutron Lithodensity Log 1:240, Run 3

Quad Combo Compensated Neutron Lithodensity Log 1:600, Run 3

Modular Formation Dynamics Tester MDT Pressures, Run 3

Elemental Capture Spectroscopy 1:240, Run 3

Mechanical Sidewall Coring Tool, Run 3

Oil Base Mud Microimager 1:240, Run 3

Combinable Magnetic Resonance 1:240, Run 3

EMS 6 Arm Caliper Cement Volume Log, Run 3

Geological Report

Gamma Ray Resistivity MD 1:240

Gamma Ray Resistivity TVD 1:240  
Gamma Ray Resistivity MD 1:600  
Gamma Ray Resistivity TVD 1:600  
Formation Evaluation Log 1:600  
Pressure Evaluation Log 1:3000  
Drilling Data Log 1:1200  
Surface, MWD, and PWD Data Log 1:1200  
Meteorological Summary Report  
Physical Oceanographic Data Report  
Shallow Geological and Geotechnical Conditions Related to Jack-Up Rig Foundations  
Striplog

**SAMPLES**

<b>Sample Type</b>	<b>Interval (m)</b>	<b># of Samples</b>
<b>Washed Cuttings</b>	1,000 – 5,408	901
<b>Unwashed Cuttings</b>	1,000 – 5,408	901