

Newburn H-23

WELL SUMMARY

GENERAL INFORMATION

D #	377
Location	43 ⁰ 12'16.43" N 60 ⁰ 48'21.20" W
Company	Chevron Canada
UWI	300H234320060450
Area	Scotian Slope
Spud Date	May 22, 2002
Well Term. Date	August 21, 2002
Drilling Rig	Deepwater Millennium
Water Depth (m)	977
Rotary Table (m)	24
Total Depth MD (m)	6,070 m
Total Depth TVD (m)	5,983 m
Well Type	Exploration
Classification	Gas Show
Well Status	P&A
Info. Release Date	Released

CASING:

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
914.4 mm x 1,093 m	36" x 3,586'
508 mm x 1,902 m	20" x 6,240'
346 mm x 3,502 m	13 ⁵ / ₈ " x 11,489'
251 mm x 4,402 m	9 ⁷ / ₈ " x 14,442'
197 mm x 5,403 m	7 ³ / ₄ " x 17,726'

<u>GEOLOGIC TOPS :</u>	MD m	TVD m
(Base Pliocene)	1,636	1,636
(Oligocene Unconformity)	2,519	2,519
(Eocene Chalk)	2,786	2,789
Dawson Canyon Fm	2,979	2,979
Logan Canyon Fm (Albian Marker)	3,570	3,570
Logan Canyon Fm (Prodelta Marker)	3,910	3,910
Naskapi Mb (Equivalent)	4,450	4,448
Verrill Canyon Fm	4,825	4,795

Note: Geologic tops as interpreted by Chevron Canada

ADDITIONAL REPORTS AND LOGS:

Well History Report
Drilling Performance Log 2in/1hr 6.5 in. Section Composite Log Final Print Runs 9-12
Impulse-Phase Resistivity TVD 6.5 in. Section Composite Log Final Print Runs 9-12
Impulse-Phase Resistivity MD 6.5 in. Section Composite Log, Final Print Runs 9-12
Drilling Performance Log 2in/1hr 8.5 in. Section Composite Log Final Print Runs 6-8

Vision Services-ISONIC MD 8.5 in. Section Composite Log Final Print Runs 6-8
Vision Resistivity-Phase TVD 8.5 in. Section Composite Log Final Print Runs 6-8
Vision Resistivity-Phase MD 8.5 in. Section Composite Log Final Print Runs 6-8
Drilling Performance Log 2in/1hr 12.25 in. Section Composite Log, Final Print Run 4
Vision Services-ISONIC MD 12.25 in. Section Composite Log Run 4
Vision Resistivity-Phase MD 12.25 in. Section Composite Log Final Print Run 4
Drilling Performance Log 2in/1hr 17 in. Section Composite Log Final Print Run 3
Vision Resistivity-Phase Shift MD 17 in. Section Composite Log Final Print Run 3
Drilling Performance Log 2in/1hr 26 in. Section Composite Log Final Print Run 2
Vision Resistivity-Phase Shift MD 26 in. Section Composite Log Final Print Run 2
Compensated Neutron Litho Density (HLT) Final Print Run 1
Mechanical Sidewall Coring Tool Final Print Run 1
Borehole Geometry-Temperature Log, Final Print Run 1
Dipole Sonic Imager Upper and Lower Dipole P&S Modes Final Print Run 1
Dipole Shear Sonic Imager MD Relabeled Final Run 1
Dipole Shear Sonic Imager MD Relabeled Final Run 2
Dipole Shear Sonic Imager MD Relabeled Final Run 4
Borehole Geometry Log, Final Print Run 2
Oil Base Micro Imager Tool, Final Print Run 2
Dipole Sonic Log Cement Top Pass, Final Print Run 2
Array Induction Log, Final Print Run 2
Mechanical Sidewall Coring Tool, Final Print Run 2
Modular Dynamics Formation Tester (PS-HY-PO-LFA-SC-MS-PC), Final Print Run 2
Compensated Neutron Litho Density High Resolution, Final Print Run 2
Natural Gamma Ray Spectrometry Log, Final Print Run 2
Dipole Sonic Upper & Lower Dipole P&S Modes, Final Print Run 2
Combinable Magnetic Resonance Log (CMR+), Recalibrated Run 3A
Natural Gamma Ray Spectrometry Log (HNGS), Final Print Run 3A
Compensated Neutron Litho Density High Resolution, Final Print Run 3A
Oil Base Imager Log, Final Print Run 3A
Compensated Neutron Litho Density High Resolution, Final Print Run 3B
Mechanical Sidewall Core Tool, Final Print Run 3B
Compensated Neutron Litho Density, Final Print Run 4
Array Induction Log, Final Print Run 4
Mechanical Sidewall Coring Tool, Final Print Run 4
Environmental Measurement Log 6-Arm Caliper and Temperature, Final Print Run 4
Dipole Sonic Log Upper & Lower Dipoles and P&S Modes, Run 4
Cement Retainer Setting Record, Final Print Run 5
OBMI Image Plot Final Print
Tadpole Plot Stereonet View Final Print
Tadpole Plot With Structural Dip Removed (6@195), Run 2
Tadpole Plot With Structural Dip Removed, Run 3
Wellsite Geologist Log 1:600 MD
Wellsite Geologist Log 1:600 TVD
Final Mudlog Report
Drill Log (From Mudlog Report)
Pressure Log (From Mudlog Report)
Mud Log 1:240 (From Mudlog Report)
Mud Log 1:600 (From Mudlog Report)
Combinable Magnetic Resonance Log (CMR+), Final Print Run 3A
Multi-Run Composite Log
Array Induction, Run 1
Well Seismic Report
Wave Data Report
Current Data Report
Meteorological Summary Report/2002 End of Well Forecast Verification Report

Vitrinite Reflectance and Visual Kerogen Analysis of Selected Source Rock Samples
Assessment of Seal Capacity
Geochemical Evaluation of Sidewall Core and Cuttings Samples from Newburn H-23
Petrographic Analysis of Sidewall Cores
Vitrinite Reflectance and Visual Kerogen Analysis of Selected Source Rock Samples from
Chevron Canada Resources et al Newburn H-23, Scotian Basin, Offshore Eastern Canada
Biostratigraphy of the Chevron et al Well Newburn H-23, Offshore Nova Scotia
Chronostratigraphic Summary Fig 1
Biostratigraphic Summary Encl 1
Nannofossil Distribution 1890-2900m Encl 2
Nannofossil Distribution 2900-3905m Encl 3
Nannofossil Distribution 3900-4900m Encl 4
Nannofossil Distribution 4900-6070m Encl 5
Palynomorph Distribution 1880-2900m Encl 6
Palynomorph Distribution 2900-3900m Encl 7
Palynomorph Distribution 3900-4900m Encl 8
Palynomorph Distribution 4900-6100m Encl 9
CSAT-CSAT-CSAT-GR Zero Offset VSP Log
Triple CSI-VSP Monitor Log
Vertical Seismic Profile - Acoustic Impedance 1-D Inversion
Vertical Seismic Profile - Composite Display
Vertical Seismic Profile - Z-Axis Processing Step
Corridor Stack from Combination of Both VSP Runs
Borehole Geophysical Report
Appendix V Biostratigraphic Analysis