

## **Appendix for Chapter WL (Well Data)**

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*in* The Oil and Gas Resource Potential of the 1002 Area, Arctic National Wildlife Refuge, Alaska, by ANWR Assessment Team, U. S. Geological Survey Open File Report 98-34, 1998.

This appendix to Chapter WL contains various data and plot files for 41 wells outside the Arctic National Wildlife Refuge. The files for each well are located in a directory designated by a four-letter well name followed by a four-letter plot number. For example, Kem1WL26 is the name of the directory containing data and a plot file for well Kemik 1.

A large-format plot file is available for 39 of the 41 wells. The format for the plot files is hpgl and the plot name ends in .hg2. For example, the plot file for well Kemik 1 is named Kem1WL26.hg2 (viewable as Plate WL26 in Chapter WL). The plot files can be sent to wide-bed 36-inch plotters such as the Hewlett-Packard DesignJet series.

A special directory named FormPlot contains an Excel file named FormTops.xls, which gives the measured depth, true vertical depth sub-sea, and gross formation thicknesses for each formation in each well. In addition, this directory contains four plot files displaying the well logs and well data for the Kemik/Thomson sandstones, the Ivishak Formation, the Lisburne Group, and pre-Mississippian rocks.

Each individual data file is named using a four-character well abbreviation followed by a four-character data type abbreviation (Table WL7). For instance, the file containing geochemistry data for Beli Unit 1 is named BeliGeoc.txt. The abbreviations for well names and data types are given in the following two lists. These directories are located in WLdata directory of the ANWRdata CD-ROM.

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<b>Full Well Name</b>	<b>Short Name</b>
Alpenglow State 1	Alpg
Alaska Island 1	Alsl
Alaska State A-1	AkA1
Alaska State C-1	AkC1
Alaska State D-1	AkD1
Alaska State F-1	AkF1
Alaska State J-1	AkJ1
Aurora 1	Auro
Badami 1	Bad1
Badami 2	Bad2
Belcher 1	Belc
Beli Unit 1	Beli
Canning River A-1	CRA1
Canning River B-1	CRB1
Challenge Island 1	CIsl
Corona 1	Coro
Fin Creek Unit 1	Fcrk
Galahad 1	Gala
Gyr	Gyr
Hammerhead 1	Ham1
Hammerhead 2	Ham2
Kavik 1	Kav1
Kavik Unit 2	Kav2
Kavik Unit 3	Kav3
West Kavik 1	WKav
Kemik Unit 1	Kem1
Kemik Unit 2	Kem2
Kuvlum 1	Kuv1
E De K Leffingwell 1	Leff
Mikkelsen Bay State 1	Mikk
West Mikkelsen State 1	WMk1
West Mikkelsen Unit 2	WMk2
East Mikkelsen Bay St 1	EMik
Point Thomson Unit 1	PtT1
Point Thomson Unit 2	PtT2
Point Thomson Unit 3	PtT3
Point Thomson Unit 4	PtT4
Shaviovik Unit 1	Shav
West Staines State 2	WSt2
West Staines (18-9-23)	WSt1
Wild Weasel	Weas

<b>Data Type</b>	<b>Abbreviation</b>
Biostratigraphy	Bios
Lithology	Lith
Conventional core porosity	PorC
Sidewall core porosity	PorS
Mud weight	MudW
Vitrinite reflectance	Vitr
Total organic carbon	TOC
Hydrocarbon shows	Show
Geochemistry	Geoc
General information	Info