

Appendix for Chapter OA (Oil Analysis)

IDENTIFICATION AND CHARACTERIZATION OF OIL TYPES AND THEIR SOURCE ROCKS

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This appendix contains digital versions of 17 of the 19 tables from Chapter OA. In addition, three other files, cited in appendices OA1, OA6, and OA7, are given here. The files are formatted as spreadsheets in Microsoft Excel. These files are located in OAOils directory of the ANWRdata CD-ROM. File names of chromatograms are listed in Table OAchrom.xls. The chromatogram files can be found in OAchrom directory of the ANWRdata CD-ROM.

Table	File Name	Content
OA1	OA1Table.xls	Sample information.
OA2	OA2Table.xls	Source rock samples used for sequential hydrous pyrolysis.
OA3	OA3Table.xls	Stable carbon isotopes (¹³ C) of the saturated and aromatic hydrocarbons of oils.
OA4	OA4Table.xls	Nickel, vanadium, and sulfur data for the oils.
OA5	OA5Table.xls	Oil stain extractions and column chromatography for the oils.
OA6	OA6Table.xls	Normal alkane and isoprenoid ratio data for the oils.
OA9	OA9Table.xls	Selected biomarkers ratios for oils.
OA10	OA10Table.xls	Oil type summary.
OA11	OA11Table.xls	Rock-Eval data of hydrous pyrolysis samples.
OA12	OA12Table.xls	Elemental data of the kerogens from the Hue and Shublik.
OA13	OA13Table.xls	Hydrous pyrolysis liquid product data.
OA14	OA14Table.xls	Stable carbon isotopes (¹³ C) of the saturated and aromatic hydrocarbons of liquid pyrolysates.
OA15	OA15Table.xls	Column chromatography of liquid pyrolysates.
OA16	OA16Table.xls	Normal alkane and isoprenoid ratio data for the liquid pyrolysate
OA17	OA17Table.xls	Selected biomarkers ratios for liquid pyrolysates.
OA18	OA18Table.xls	Calculation of Gas to Oil ratios (GOR) of hydrous pyrolysis experiments.
OA19	OA19Table.xls	Hydrous pyrolysis gas products.

Append	File Name	Content
OA1	OAsample.xls	List of all samples from the ANWR area.
OA6	OAchrom.xls	List of gas chromatogram files.
OA7	OAbiomkr.xls	Biomarker peak heights.

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