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Béland Otis, C. 2013. Geological, geochemical and geophysical data from the Kettle Point Formation drilling program, southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 304.

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These data accompany:

Open File Report 6279, *Gas Assessment of the Devonian Kettle Point Formation*

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Miscellaneous Release—Data 304

Geological, Geochemical and Geophysical Data from the Kettle Point Formation Drilling Program, Southern Ontario

by C. Béland Otis

Earth Resources and Geoscience Mapping Section, Ontario Geological Survey, Sudbury.

This publication can be downloaded from

http://www.geologyontario.mndm.gov.on.ca/mndmaccess/mndm_dir.asp?type=pub&id=MRD304

This data release contains geochemical and geophysical data collected as part of the Kettle Point Formation drilling program that took place in March and April 2010, and is being released in conjunction with Open File Report 6279, *Gas Assessment of the Devonian Kettle Point Formation*. The release consists of 13 geochemistry tables as Microsoft® Excel® 97-2003 (.xls) files, 10 geophysical log (.tif) files and 13 additional geophysical logs as Log ASCII Standard (.las) files. Data are organized in 2 main folders named “Geochemistry” and “Geophysics”.

GEOCHEMISTRY FOLDER

NB: in all files, names of samples collected at the OGS-SG10-01 well include “KP1”, and samples taken at the OGS-SG10-02 well include “KP2”.

File Name

Description of file

Cuttings_location.xls

Location and depth of cuttings sampled for Rock-Eval® 6 pyrolysis.

Cuttings_Rock-Eval pyrolysis.xls

Results of Rock-Eval® 6 pyrolysis for cuttings.

Drilling_Adsorption isotherms.xls

Results of adsorption isotherms for both OGS-SG-10-01 and OGS-SG10-02 wells.

Drilling_Gas compo (isotopic).xls	Results of gas composition, including isotopic composition of methane for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_Gas compo (over time).xls	Results of gas composition over time for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_Gas content.xls	Results of gas content for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_GRI.xls	Results of standard GRI (Gas Research Institute) parameters for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_Mechanics (dynamic).xls	Results of dynamic rock mechanics parameters for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_Mechanics (static).xls	Results of static rock mechanics parameters for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_Mineralogy.xls	Results of mineralogy (by X-Ray diffraction) for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_Rock-Eval pyrolysis.xls	Results of Rock-Eval® 6 pyrolysis for both OGS-SG-10-01 and OGS-SG10-02 wells.
Drilling_Samples_Canisters.xls	List of canister samples collected and their associated analyses.
Drilling_Samples_Core.xls	List of core samples collected and their associated analyses.

GEOPHYSICS FOLDER

<i>File Name</i>	<i>Description of file</i>
OGS-SG10-01_CURVES.las	Logging information for the OGS-SG10-01 well containing depth, accelerometer, tension, caliper, relative bearing, azimuth, deviation, hole azimuth, gamma-ray, bit size.
OGS-SG10-01_DENSITY-NEUTRON.las	Logging information for the OGS-SG10-01 well containing depth, density porosity (base, sandstone, limestone, dolomite), compensated density, PE, density correction, density caliper, neutron porosity (base, sandstone, limestone, dolomite), annular volume, hole volume, gamma-ray, uphole tension, external temperature, bit size.
OGS-SG10-01_DIPS.las	Logging information for the OGS-SG10-01 well regarding structural measurements.
OGS-SG10-01_IMAGE LOG.tif	Micro-imager log with interpretations for the OGS-SG10-01 well.
OGS-SG10-01_INDUCTION.tif	Array induction visual log for the OGS-SG10-01 well.
OGS-SG10-01_MAIN.las	Logging information for the OGS-SG10-01 well containing depth, external temperature, uphole tension, spontaneous potential, deep conductivity, deep induction, shallow FE, gamma-ray, density correction, PE, density porosity (base, sandstone, limestone, dolomite), compensated density, neutron porosity (base, sandstone, limestone, dolomite), density caliper, hole volume, annular volume,

	medium induction, compensated sonic, bit size. This is the main run for OGS-SG10-01 well.
OGS-SG10-01_MINIPILOT.tif	Miniplot visual log for the OGS-SG10-01 well.
OGS-SG10-01_NEUTRON-DENSITY.tif	Photo density and dual spaced neutron visual log for the OGS-SG10-01 well.
OGS-SG10-01_REPEAT.las	Logging information for the OGS-SG10-01 well containing depth, external temperature, spontaneous potential, deep conductivity, deep induction, gamma-ray, density porosity (base, sandstone, limestone, dolomite), PE, density correction, density caliper, neutron porosity (base, sandstone, limestone, dolomite), compensated sonic. This is the repeated run for OGS-SG10-01 well.
OGS-SG10-01_SHEAR.las	Logging information for the OGS-SG10-01 well containing depth, density caliper, sandstone density porosity, 3-5' compensated sonic, shear delta time, gamma-ray, sandstone neutron porosity, Poisson's ratio, Vp/Vs ratio.
OGS-SG10-01_SONIC.tif	Compensated visual log for the OGS-SG10-01 well.
OGS-SG10-02_CURVES.las	Logging information for the OGS-SG10-02 well containing depth, accelerometer, tension, caliper, relative bearing, azimuth, deviation, hole azimuth, gamma-ray, bit size.
OGS-SG10-02_DENSITY-NEUTRON.las	Logging information for the OGS-SG10-02 well containing depth, density porosity (base, sandstone, limestone, dolomite), compensated density, PE, density correction, density caliper, neutron porosity (base, sandstone, limestone, dolomite), annular volume, hole volume, uphole tension, external temperature, bit size.
OGS-SG10-02_DIPS.las	Logging information for the OGS-SG10-02 well regarding structural measurements.
OGS-SG10-02_IMAGE LOG.tif	Micro-imager log with interpretations for the OGS-SG10-02 well.
OGS-SG10-02_INDUCTION.tif	Array induction visual log for the OGS-SG10-02 well.
OGS-SG10-02_MAIN.las	Logging information for the OGS-SG10-02 well containing depth, gamma-ray, external temperature, uphole tension, spontaneous potential, shallow FE, deep conductivity, deep induction, PE, density correction, density caliper, neutron porosity (base, sandstone, limestone, dolomite), compensated density, density porosity (base, sandstone, limestone, dolomite), medium induction, bit size. This is the main run for OGS-SG10-02 well.
OGS-SG10-02_MINIPILOT.tif	Miniplot visual log for the OGS-SG10-02 well.
OGS-SG10-02_NEUTRON-DENSITY.tif	Photo density and dual spaced neutron visual log for the OGS-SG10-02 well.
OGS-SG10-02_REPEAT.las	Logging information for the OGS-SG10-02 well containing depth, gamma-ray, external temperature, uphole tension, spontaneous potential, shallow FE, medium induction, deep induction, density porosity (base, sandstone, limestone, dolomite), PE, density correction, neutron porosity (base, sandstone, limestone, dolomite), compensated density, density caliper, compensated sonic, bit size. This is the repeated run for OGS-SG10-02 well.

OGS-SG10-02_SHEAR.las

Logging information for the OGS-SG10-02 well containing depth, density caliper, sandstone density porosity, compressional delta time, shear delta time, gamma-ray, sandstone neutron porosity, Poisson's ratio, V_p/V_s ratio.

OGS-SG10-02_SONIC.las

Logging information for the OGS-SG10-02 well containing depth, 3-5' compensated sonic, gamma-ray, up-hole tension, bit size.

OGS-SG10-02_SONIC.tif

Compensated visual log for the OGS-SG10-02 well.