

HDD™ PROVIDES MORE ACCURATE LOG POROSITY OVER HIGH RESOLUTION* LOGS WHEN COMPARED TO CORE

CASE HISTORY: Comparison of HDD™ to Core Plug Porosity through a Carbonate Sequence in Central Alberta, Canada.

Objective:

Compare core plug porosity values to HDD™ log data.

Solution:

Use High Definition Log Data (HDD™), 40 samples/ft (132 samples/m), the industry's highest sampling rate, to increase confidence of log to core correlation.

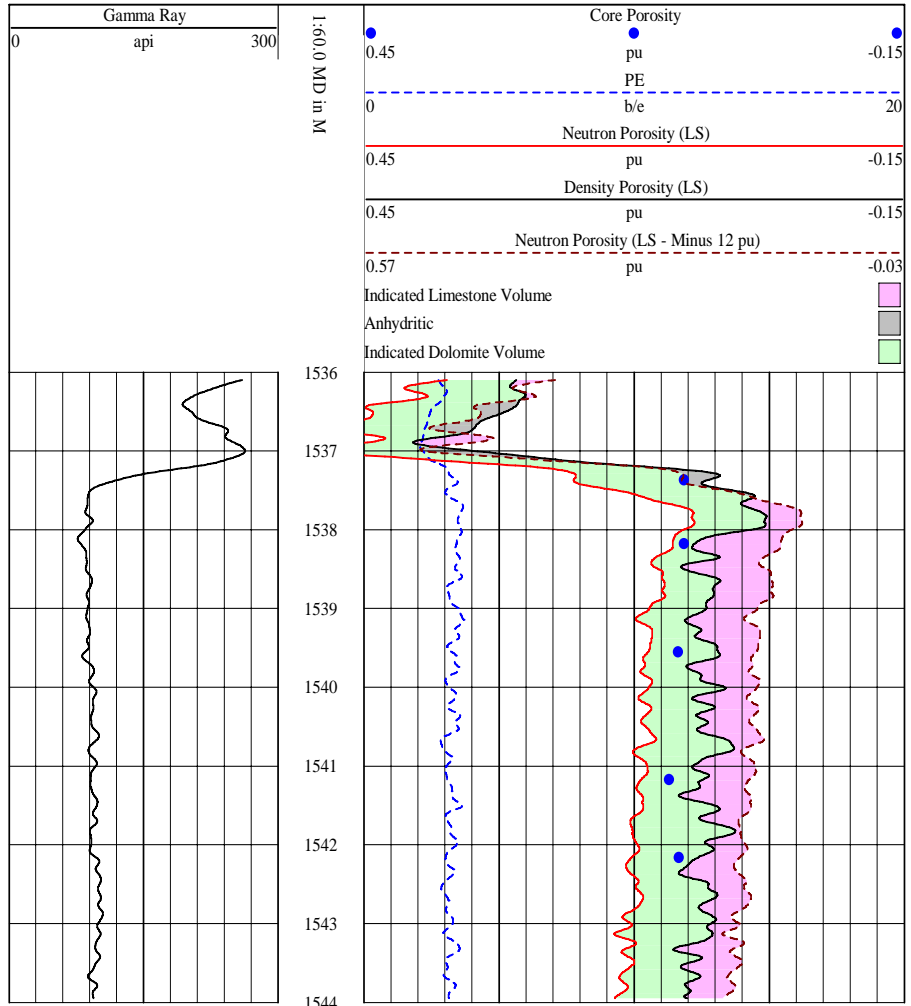
Results:

Increased confidence in porosity values acquired with HDD™ without having the added expense of cutting core.

Core plug porosity values compare adequately to the Neutron and Density porosities used by evaluators to calculate reserves.

HDD™ Log data was acquired without incident and with minimal impact to rig time.

Decreased rig time in the collection of HDD™ data. Log data acquired at 1500 ft/hr (7.5 m/min), compared to industry standard for High Resolution logging at 700-800 ft/hr (4-5m/min).



The log data is presented on a limestone scale, which is representative of the rock matrix. Core plug porosity values are matrix independent and are true rock porosity values.

* 10 samples/ft (33 samples/m), RECON STANDARD Logs, Industry High Resolution Logs