

# HDD™ Provides More Accurate Log Porosity Over High Resolution\* When Compared to Core

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

## Objective:

Compare core plug porosity values to HDD™ log data.

## Solution:

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

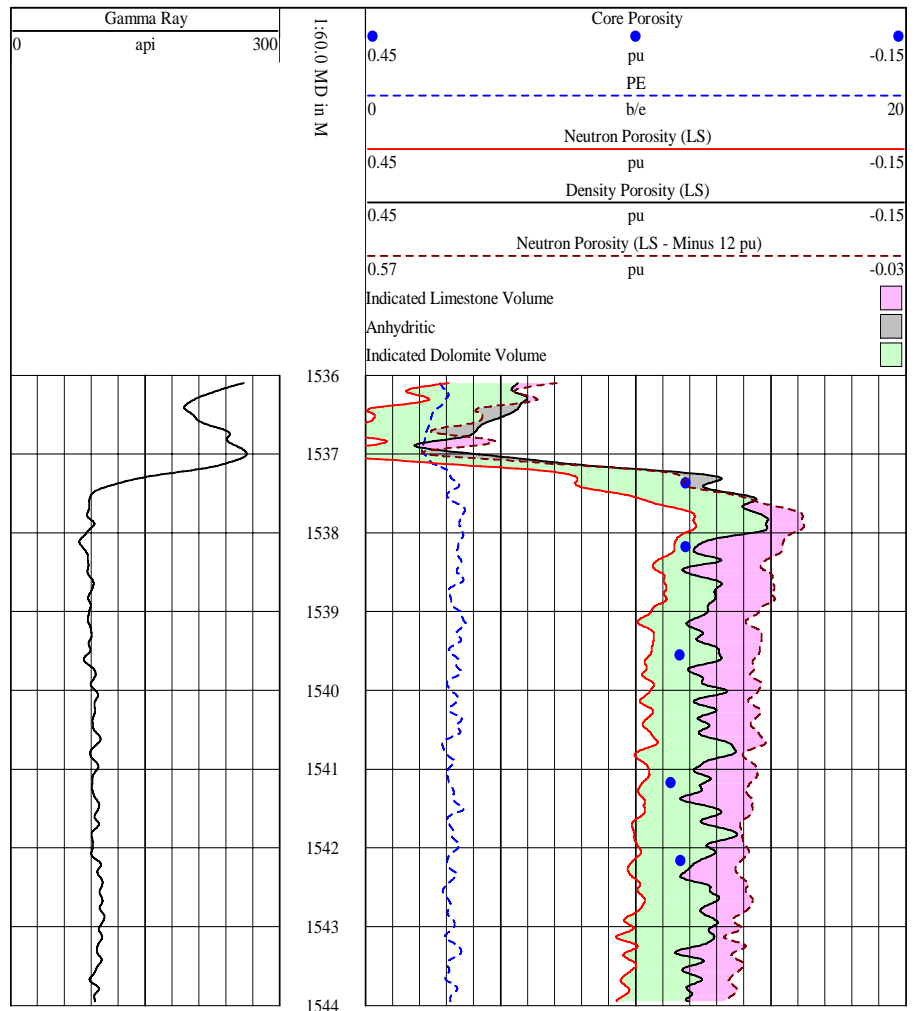
## Results:

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 6.5m/min (compared to industry standard for High Resolution at 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.**

\* 33 samples/meter, RECON Standard Logs, Industry High Resolution Logs