



TerraTek
A Schlumberger company

Core Analysis Division
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CORE GAMMA RAY LOG

Company: Northeast Natural Energy
Wellname: MIP SW
API: 47-061-01705
Field: Monongalia
County: Monongalia
State: West Virginia
Country: USA
Project No: 15000174
Processing Date: October 14, 2015
Core Analyst: Chris Gillespie

Print Date: 10/14/2015

Remarks:

- Final core gamma ray presented in core depth.
- Final core gamma ray performed on de-tubed and fitted core.
- The core gamma ray was scanned at a rate optimized for a total gamma ray signal. Due to the limited volume of rock in core, spectral gamma ray may often have a lower than desirable signal to noise ratio and should be used as a reference to spectral only. Depending on the concentrations of Thorium, Potassium and Uranium in the rock, the signal to noise ratio will vary at all scan rates. There would be a higher, more reproducible signal from higher concentrations, and a lower, noisier signal from lower concentrations that may not be reproducible. Scanning of the core may be completed at very low rates in order to have more confidence in the component gamma log, however volume of core and component concentrations will not guarantee accuracy of the spectral gamma log.

