

Dolly and Mullarkey, 1996

Data Set 20

Reference: Dolly, E.D., and J.C. Mullarkey, 1996, Hydrocarbon production from low contrast, low resistivity reservoirs, Rocky Mountain and Mid-Continent regions -- log examples of subtle plays: Rocky Mountain Association of Geologists, 290 p.

Authors' affiliation: Rocky Mountain Association of Geologists

Age: Late Cretaceous

Formation: Frontier Formation

Location: Lincoln Road Field, La Barge Platform, Sweetwater County, Wyoming

Well: Lincoln Road #3

Depth range: 9460-9575 feet

Clay minerals: "Scanning electron microscope work indicates total clay content of 7 to 10% in three core samples from core depths of 9477', 9516', and 9575' with clay minerals identified as illite, montmorillonite, and chlorite."

Log response: "The cause of the low contrast resistivity response is thought to be due to bound water in the intragranular detrital and grain-coating authigenic clays."

Production: gas

Core measurement conditions: not stated.

Data entry: manual entry from table on page 265 of the referenced paper.