Denson-mp-1950

INSOLUBLE RESIDUE LOGS AND CORRELATIONS

MADISON GROUP, BIGHORN BASIN, WYOMING

OWL CREEK CANYON — WIND RIVER CANYON — TENSLEEP CANYON — SHELL CANYON — CROOKED CREEK CANYON — SHOSHONE CANYON — OWL CREEK CANYON

0 1 2 5 10 20 %

35 MI. — 64 MI. — 38 MI. — 55 MI. — 55 MI. — 59 MI.

FEET: 0, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800

MISSION CANYON FORMATION
- MEMBER MC1
- MEMBER MC2
- MEMBER MC3

LODGEPOLE FORMATION
- MEMBER L1
- MEMBER L2

KINDERHOOKIAN AND DEVONIAN

CHART IV

EXPLANATION

- unmodified chert
- modified chert
- unmodified quartz
- modified quartz
- brachiopod debris
- crinoid debris
- coral and bryozoan debris
- sands and silts
- clays
- silty clays
- green shale
- accessories
- carbonaceous matter
- hematite, limonite, or pyrite

Total weight percentage of residue per unit is plotted on a modified logarithmic scale (values indicated on Owl Creek log). Estimated ratio of constituent weight to total residue weight is portrayed by proportion of total area hatched per constituent.

M. E. Denson, Jr.