A-9
C&K Petroleum (Cabot)
Bruff Federal 1
sec. 24, T. 18 N., R. 112 W.
6,415 KB
12,740 TD
USGS Core B275

Depositional environments
- Continental deposits: includes fluvial and tidal sandstones, mudrock, carbonaceous shale, and coal
- Shoresface sandstones
- Offshore to marine mudrocks and shale

Comparison of core to gamma-ray log

EXPLANATION
- Trough or plane-tabular cross stratification
- Current ripples
- Horizontal or subhorizontal bedding
- Corroded bedding
- Lamination
- Mud clasts
- Chert clasts
- Coal or plant fragments
- Coal
- Altered volcanic ash
- Hummocky cross stratification
- Wave ripples
- Flaser bedding
- Semicircular contact
- Lenticular bedding
- Steaky bedding
- Erosional contact
- Wavy bedding
- Convoluted bedding
- Ophiomorpha
- Streaky bedding
- Hummocky cross stratification
- Planolites
- Burrens
- Pyrite in thin ribbons
- Subhorizontal lamination interpreted as hummocky cross stratification

Grain size
- very coarse sand
- coarse sand
- medium sand
- fine sand
- silt
- clay

CHAPTER 15, PLATE FIGURE 1–2
GRAPHIC LOG OF USGS CORE B275 OF THE FRONTIER FORMATION

By
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2005