

8640' - 9017'

This interval is mostly shale with interbedded thin sandstone at its base and thicker sandstone and coal at its top.

A sidewall core at 8905' is described as sandstone, green-grey, very argillaceous, very fine to fine grained, subangular to subrounded. A sidewall core at 8674' is described as coal, shaley. Sample studies described this interval from the bottom up, as shale, dark grey brown, fissile, carbonaceous to very carbonaceous, micaceous, gypsiferous, interbedded with minor coal and thin sandstone, green, fine to coarse grained, subangular to subrounded, poorly sorted with trace of coal, shale, gypsum fragments. The upper 125 feet of this interval is characterized by thicker sandstone and coal beds of the same description.

The dip over this interval is towards the southwest at a rate of 30° to 35°. Its interval velocity is 14,100 feet per seconds.

9017' - 9170'

This interval is sandstone.

A sidewall core at 9040' is described as sandstone, slightly argillaceous, lithic, grey-green, very fine to medium grained. Sample studies describe this interval as sandstone, medium dark grey-green, fine to medium grained, clear white quartzitic, lithic, frosty white, subrounded, predominantly unconsolidated with occasional minor calcareous cement, interbedded with minor shale, brownish grey, dark grey, black, gypsiferous, carbonaceous, minor coal.

This interval is assigned to the *C. striatus* palynological zone of the early Cretaceous.

The dip over this interval is towards the southwest at a rate of 35°. Its interval velocity is 14,100 feet per seconds.

9170' - 9380'

This interval consist of equal amounts of sandstone and shale. A sidewall core at 9214' is described as shale, grey, silty, hard. Sample studies describe this interval as interbedded quartzone sandstone, medium grey-green, consolidated, hard, tight, in part calcareous, some lithic grains, subangular to subrounded with frosty-white grains and trace of gypsum; shale, grey to dark grey, gypsiferous, carbonaceous with minor coal. The average interval velocity of this section is 14,100 feet per seconds. This rather high velocity value is due to the silicious and calcareous cementation of the sandstone.

The dipmeter interpretation log indicates consistant southwest dip at a rate of 35°.