

All three sand units consisted of clear, light gray to light tan, fine grained sandstone and loose sand with micaceous, shaly or slightly calcareous intervals. No odor, fluorescence or visible oil-stain was observed in these sands.

The Bone Spring carbonate section separating the sands was a continuation of the dark brown to dark gray-brown, fine crystalline, shaly limestones encountered at the top of the section at 5600'.

WOLFCAMP

The Wolfcamp green shale top was picked at 8810' by samples and 8812' by electric log. This unit consisted of light green to gray-green and dark gray-brown calcareous shale along with some limestone down to 8980' by samples and 8960' by electric log. At this point, 100% light green smooth shale was encountered and logged down to the Wolfcamp black shale at 9300'.

The section from 9300' to the first Strawn carbonate unit at 10,370' consisted mainly of black, carbonaceous shale with some interbedded limestones and sandstone.

STRAWN

The Strawn section from 10,370-400' consisted of light tan to tan, fine crystalline, fossiliferous limestone with a slight drilling break but no visible porosity. Just below this unit, a good drilling break occurred from 10,408-424' and samples contained clear to light tan, medium to some coarse, angular quartz sandstone and loose sand. All the sand was poorly sorted and some pink arkosic grains were also observed.

From the base of this zone at 10,430' down to the Lower Strawn at 10,584', tan to brown, medium, angular, micaceous poorly sorted tight sandstone; light tan, very fine crystalline, fossiliferous limestone; and very dark gray-brown to black shale was logged.