

<u>Depth (ft)</u>	<u>Lithology</u>	<u>Porosity(%)</u>	<u>Permealibility (md)</u>
5548'	sand	16.9	0
5548'	sand	22.0	0.45
5554'	sand	26.9	52
5555'	sand	21.1	310
5556'	sand	18.0	6.2
5557'	sand	18.4	82
5558'	sand	22.6	29
5559'	sand	17.3	4.4
5560'	sand	17.0	11
5561'	sand	19.0	3.6
5562'	sand	24.0	9.1
5563'	sand	15.2	7.1
5563'	sand	14.0	3.4
5564'	sand	18.0	9.8
5565'	sand	13.3	2.6

This interval is assigned to the *T. pannosus* palynological zone which straddle the Upper Cretaceous-Lower Cretaceous boundary.

Its lower surface, 5910', marks a distinct facies change of the sandstone fraction. The beginning of this change, from relatively clean sandstone of reservoir quality to a sandstone with important clay matrix and various cements, is recognized around 5560' then more so around 5700'. The interval velocity of this section is 10,000 feet per seconds. A significant increase in interval velocity marks its lower boundary which may represent a hiatus or unconformity, at least a very different sedimentary regime.

For purposes of seismic mapping, the lower boundary surface of this interval is labeled the Mid-Cretaceous Unconformity.

The dipmeter interpretation log indicates two separate changes over this interval. Firstly, the dip from 5400' down is highly organized and appears to be almost completely structural, thus indicating a significant difference from most of the section above. From 5400' to 5700 the dip is to the southwest and consistant at 45°. Then a first increase with depth pattern is recognized between 5760' and 5840' where the dip still to the southwest goes from 35° to 45°. The second pattern is between 5840' and 5910' when the dip, still to the southwest goes from 25° to 45°.