

<u>Depth (ft)</u>	<u>Lithology</u>	<u>Porosity %</u>	<u>Permeability (md)</u>
5548'	sand	16.9	0.00
5548'	sand	22.0	0.45
5554'	sand	26.9	52.00
5555'	sand	21.1	310.00
5556'	sand	18.0	6.20
5557'	sand	18.4	82.00
5558'	sand	22.6	29.00
5559'	sand	17.3	4.40
5560'	sand	17.0	11.00
5561'	sand	19.0	3.60
5562'	sand	24.0	9.10
5563'	sand	15.2	7.10
5563'	sand	14.0	3.40
5564'	sand	18.0	9.80
5565'	sand	13.3	2.60

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 second. 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.