

**Austin Chalk Example 1****Central Chalk Trend**

Vertical Section Azimuth 120

Vertical Offset well: (Dark Green)

Fracturing in the Austin Chalk, in this area is controlled primarily by significant changes in the formation dip along the down-turn hinge and the up-turn hinge of a major monocline. The well was originally planed to target two intervals within the chalk; Target Zone A and Target Zone B. The well was designed to traverse down through target A to the down-turn dip flexure where the well would then turn back up section due to increased dip. The well was turned back down section as it neared the top of the zone and traversed down section through Target Zone A and was turned up into Target Zone B as the well approached the up-turn hinge of the monocline. The remainder of the well targeted Target Zone B. Seismic indicated that a down to the south fault may be encountered at a vertical section of 3600 feet, which would throw the well back up into the A Target Zone. In actuality, the down to the south fault was not there. The well cut a down to the north fault at 3900 feet vertical section that threw the well below the B zone. Because of torque and drag issues, the decision was made to TD the well.

# TSP Log

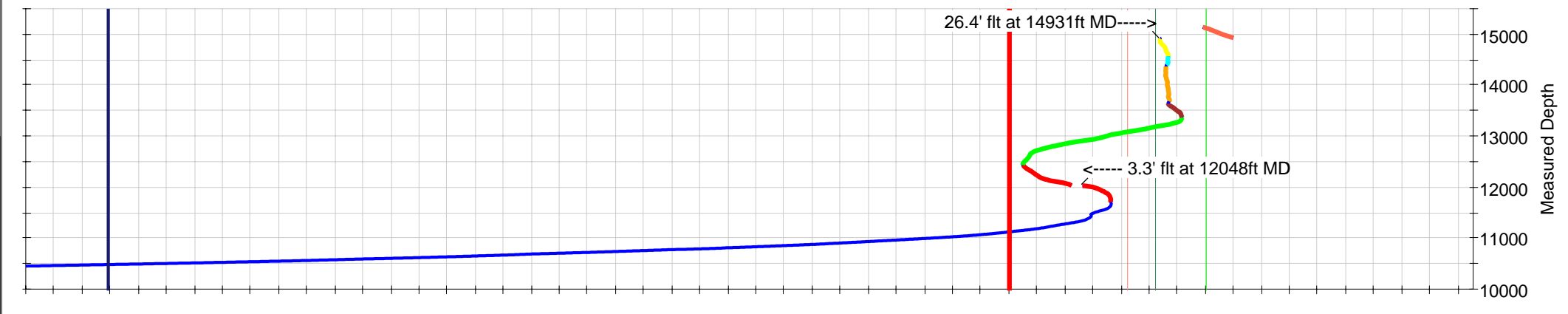
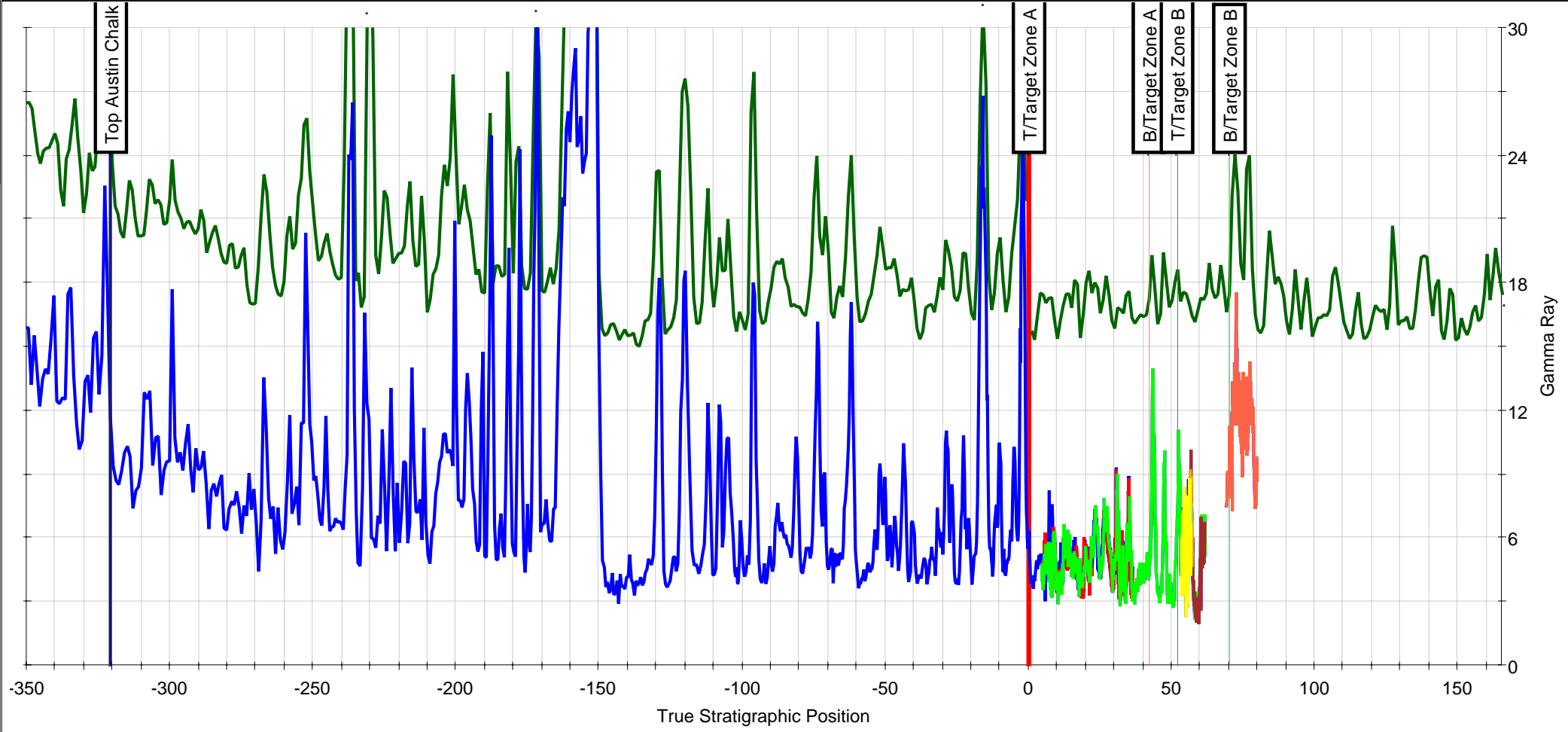
Good Oil Company: Big Kahuna #1

Austin Chalk Demo



15138.00 MD -4148.09 VS 11072.01 TVD  
6.1 Dip 68.77 F below top target  
Stratigraphic Reference: Top A Target

Fri, 09-23-2005 11:45:22 AM (time printed)



# TSP Log

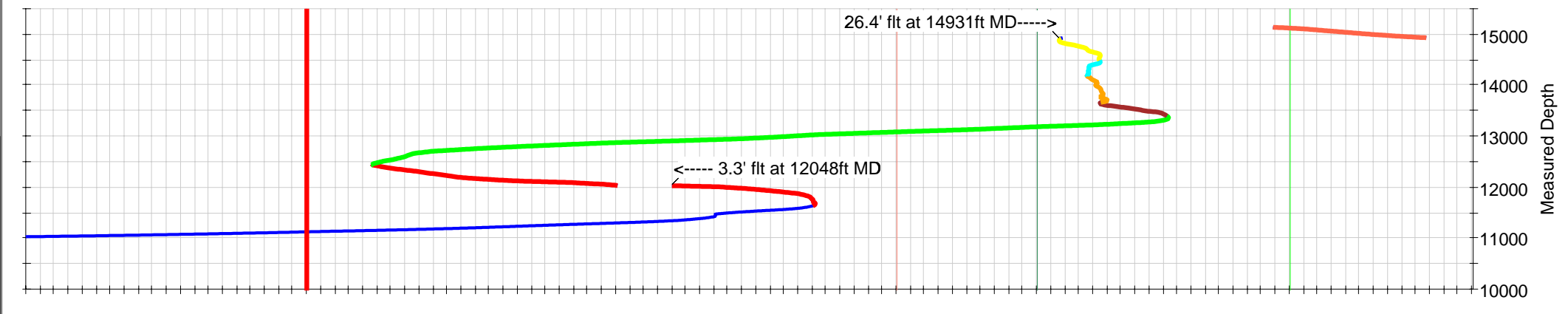
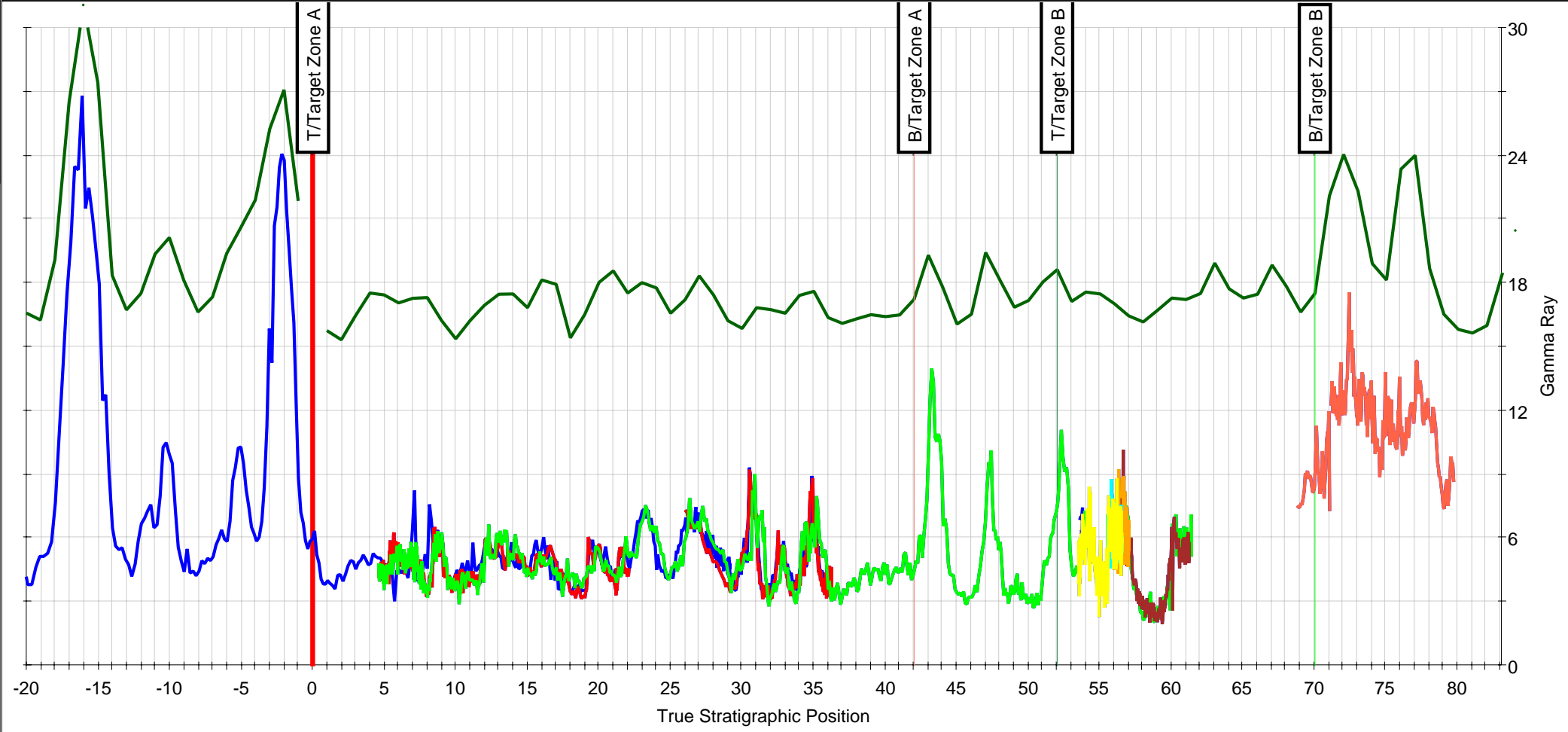
Good Oil Company: Big Kahuna #1

Austin Chalk Demo



15138.00 MD -4148.09 VS 11072.01 TVD  
6.1 Dip 68.77 F below top target  
Stratigraphic Reference: Top A Target

Fri, 09-23-2005 11:39:06 AM (time printed)

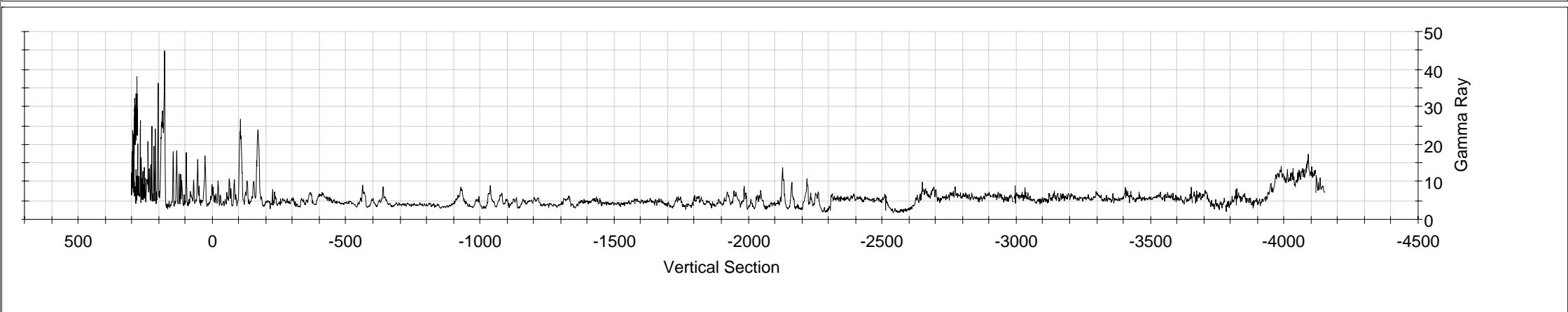
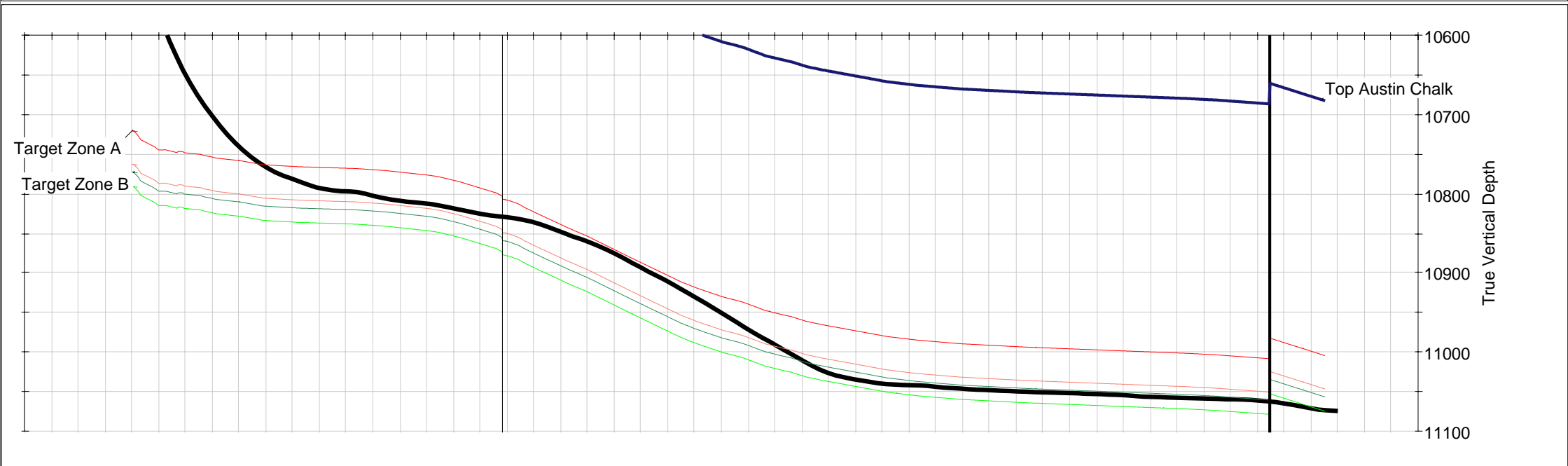
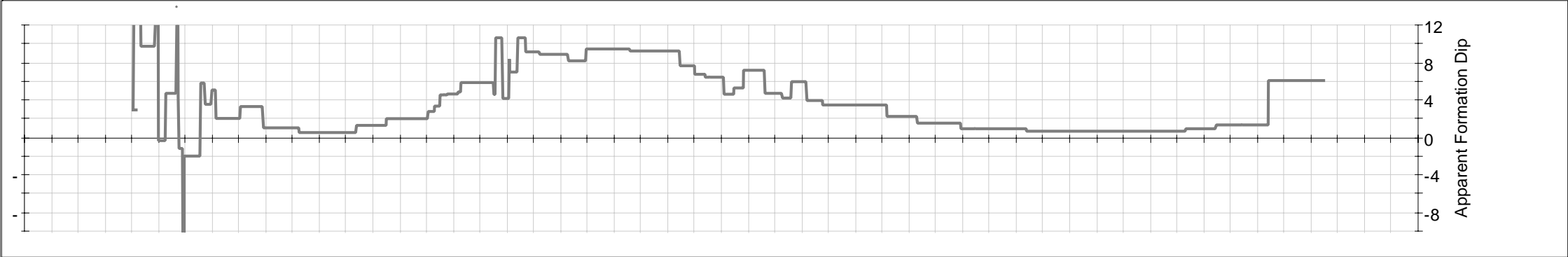


# Wellbore Plot - Vertical Section View

Good Oil Company: Big Kahuna #1



Fri, 09-23-2005 11:53:00 AM (time printed)



# Wellbore Plot - Measured Depth View

Good Oil Company: Big Kahuna #1

Fri, 09-23-2005 12:02:11 PM (time printed)

