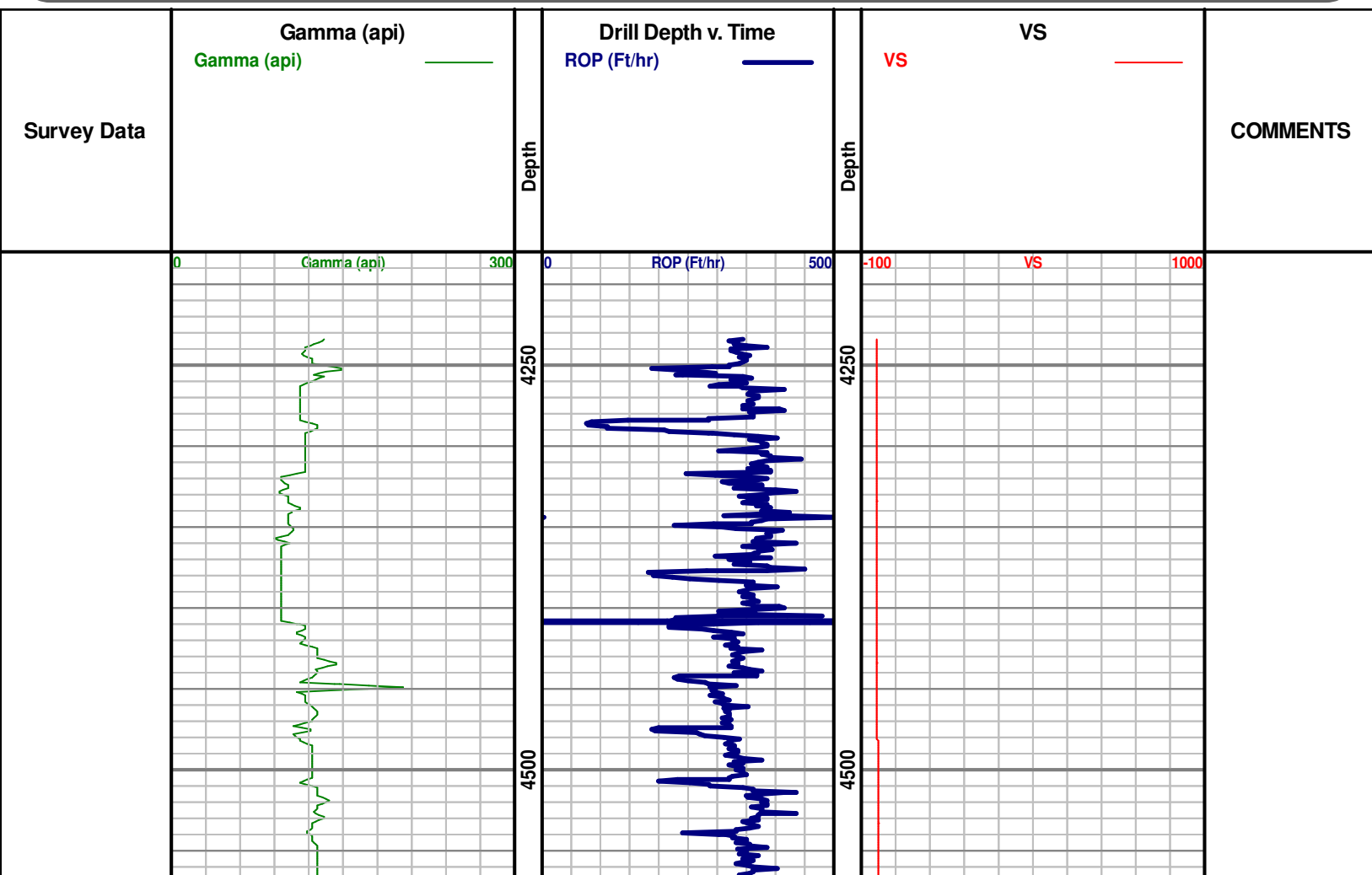


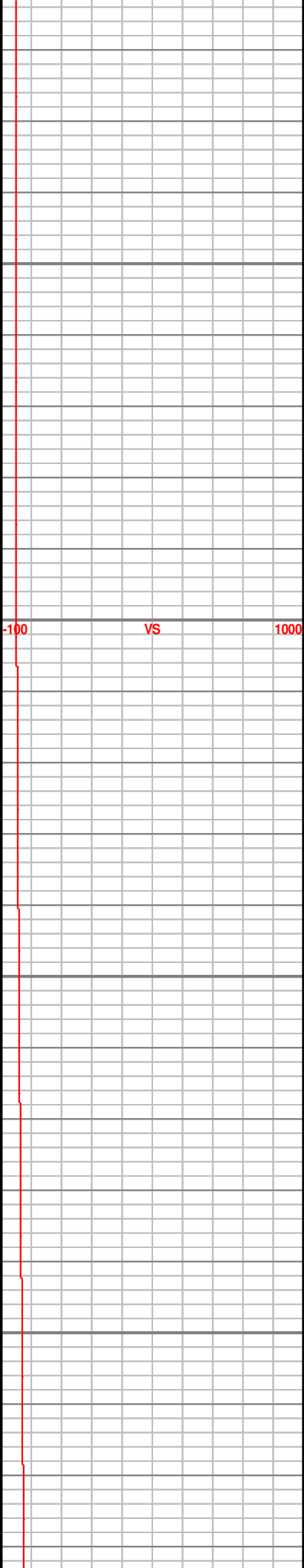
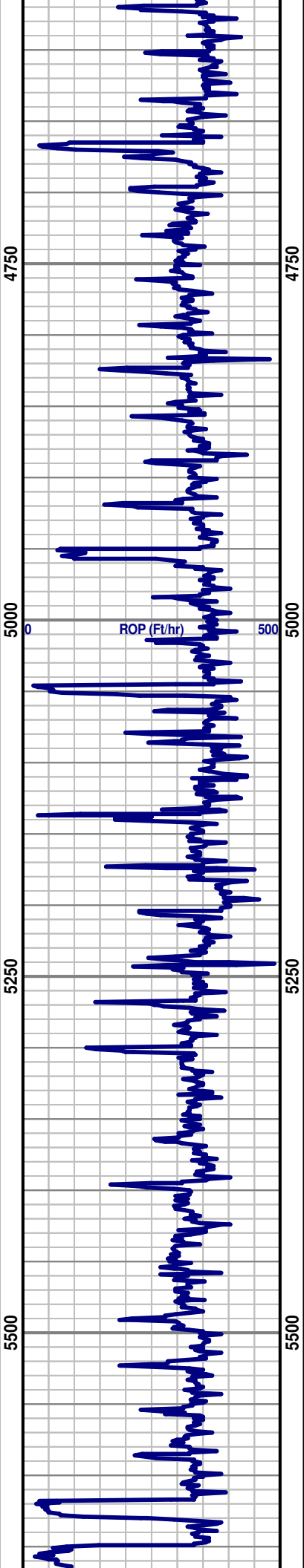
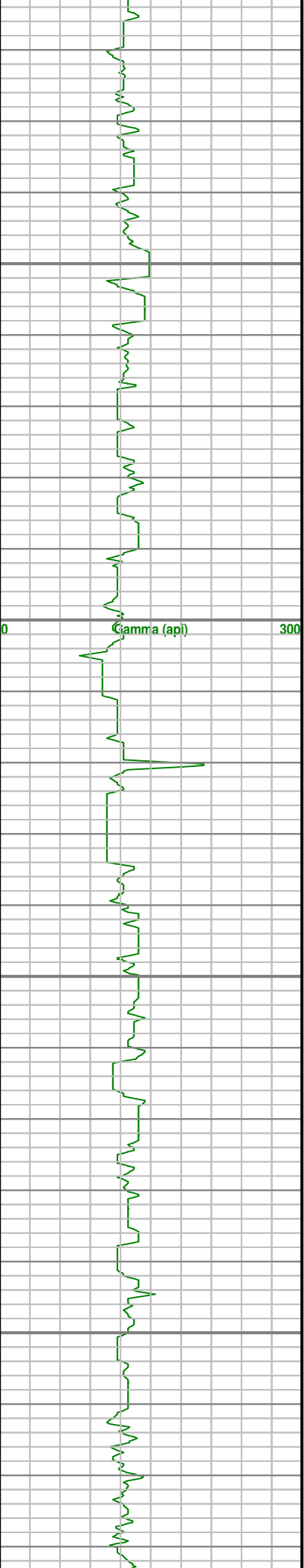


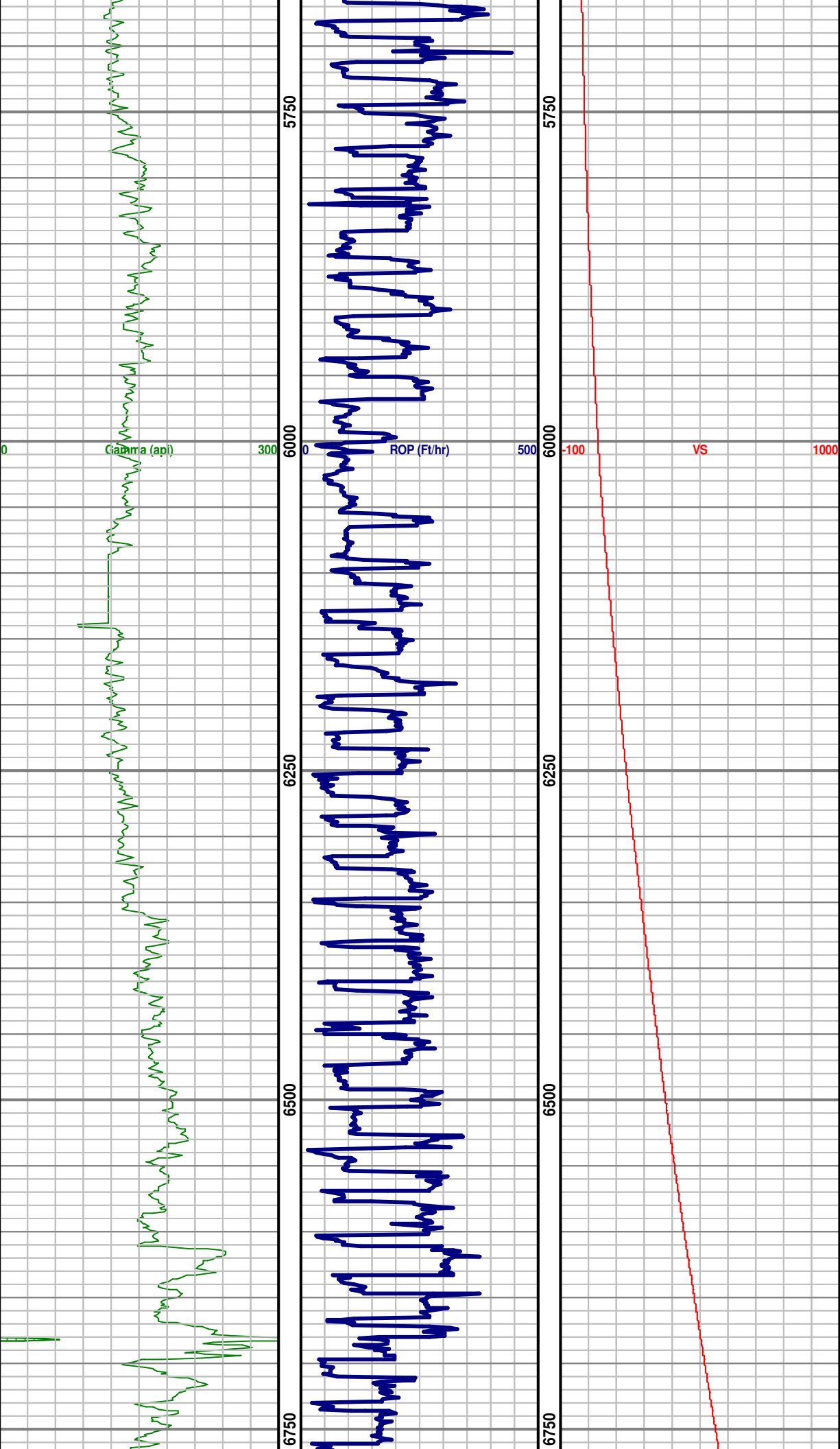
Denver Remote Management Center
13949 West Colfax Ave, Suite 205
Lakewood, Colorado 80401

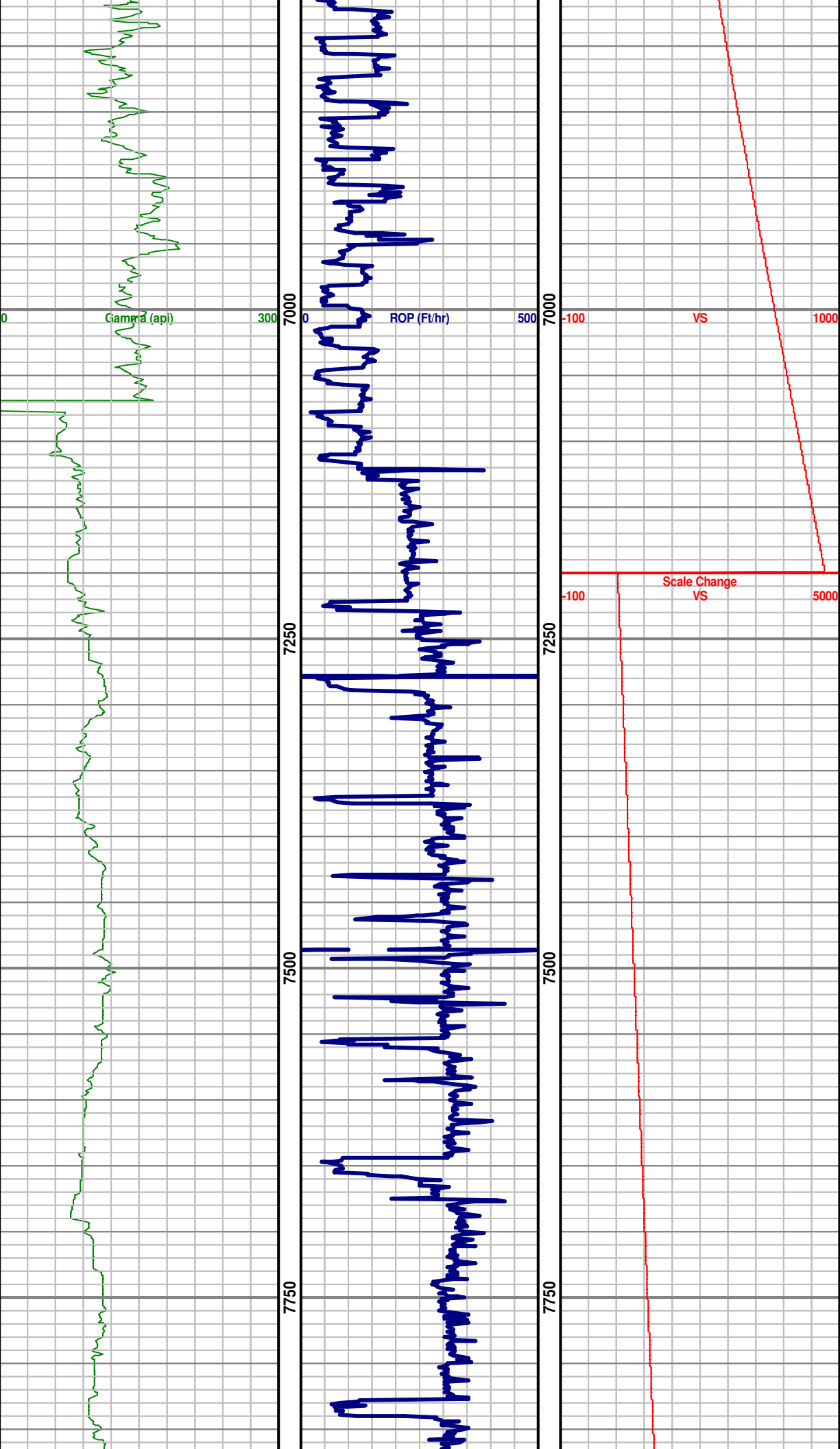
Phone 303.325.3289
WWW.HZMUD.COM

Customer Information	Well Information
<p>Operator: PDC Energy Inc 1775 Sherman Street Suite 3000 Denver, CO 80203</p> <p>Geologist: Steve Sarada/ Brian Hoffman PDC Energy, Inc.</p>	<p>Well Name: Guttersen 31Q-221</p> <p>Location: SWSE SEC 31, 3N, 63W, 6TH 75' FSL x 2149' FEL</p> <p>County: Weld State: Colorado</p>
Remote Logging Details	
<p>Logger: HORIZON DENVER REMOTE MANAGEMENT CENTER</p> <p>Log Interval: 4,234' MD to 10,956' MD Start Date: May 28, 2014 Release Date: June 1, 2014</p>	<p>Drilling Rig: Ensign 136 Total Depth: 10,956' MD TD Date: June 1, 2014 Field : Wattenberg KB Elevation: 4,836' GR Elevation: 4,823' API Number: 05-123-38270-0000</p>

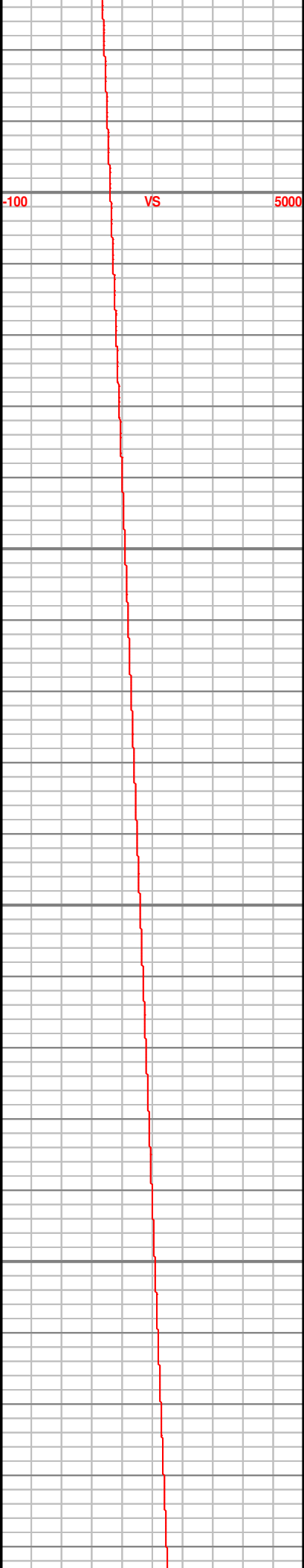
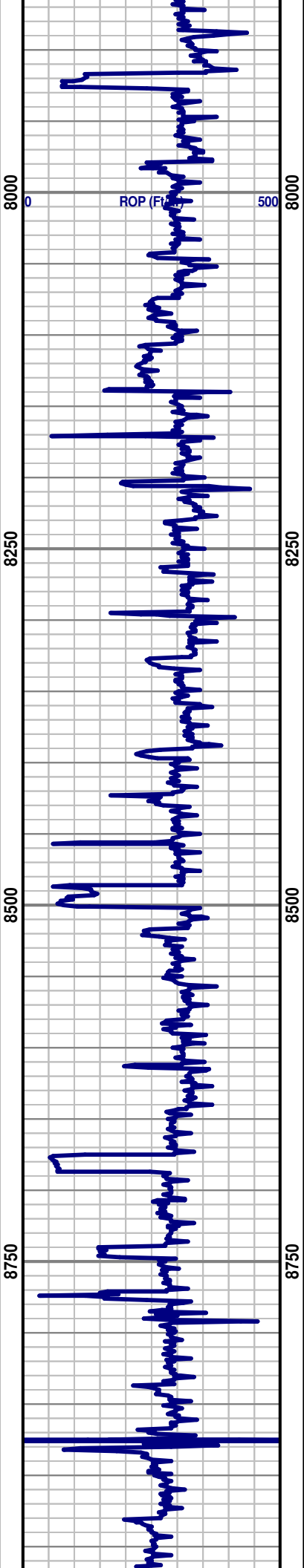
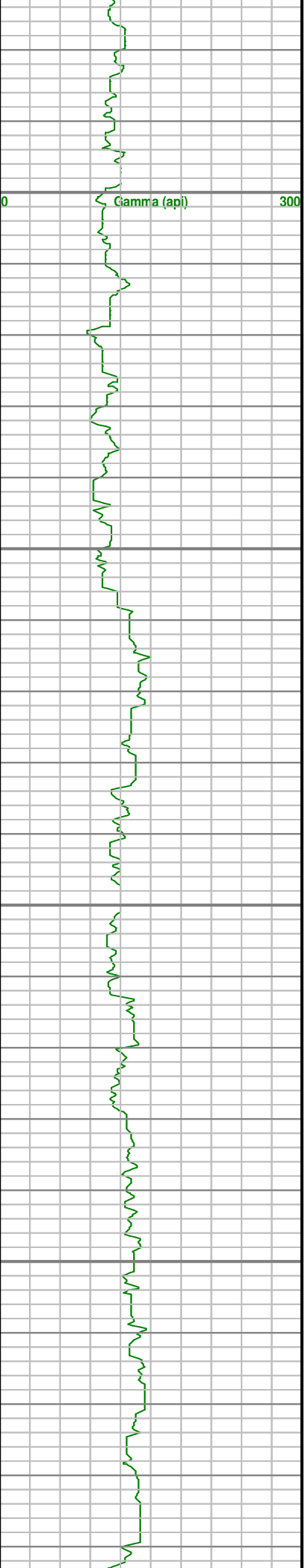


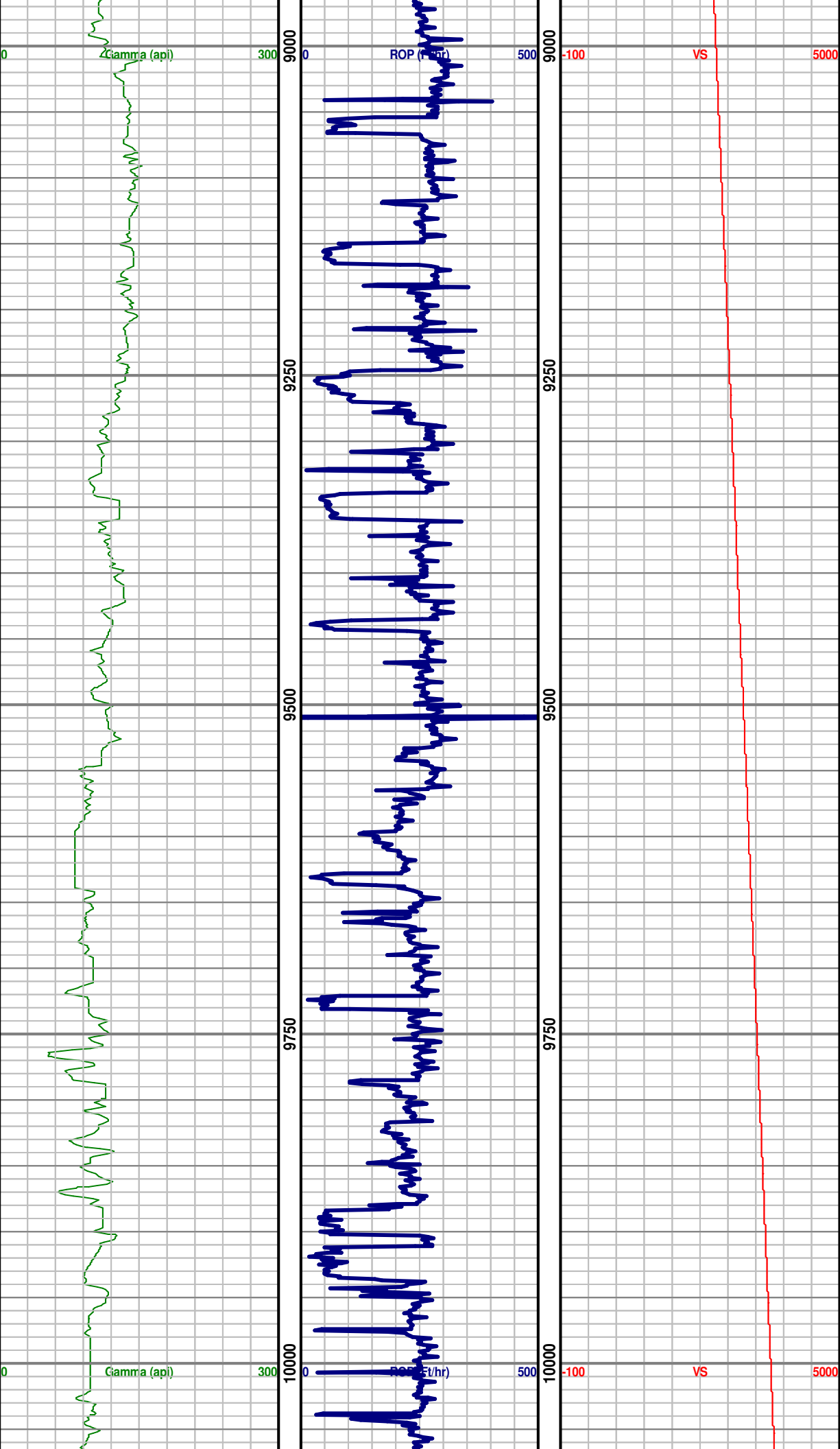


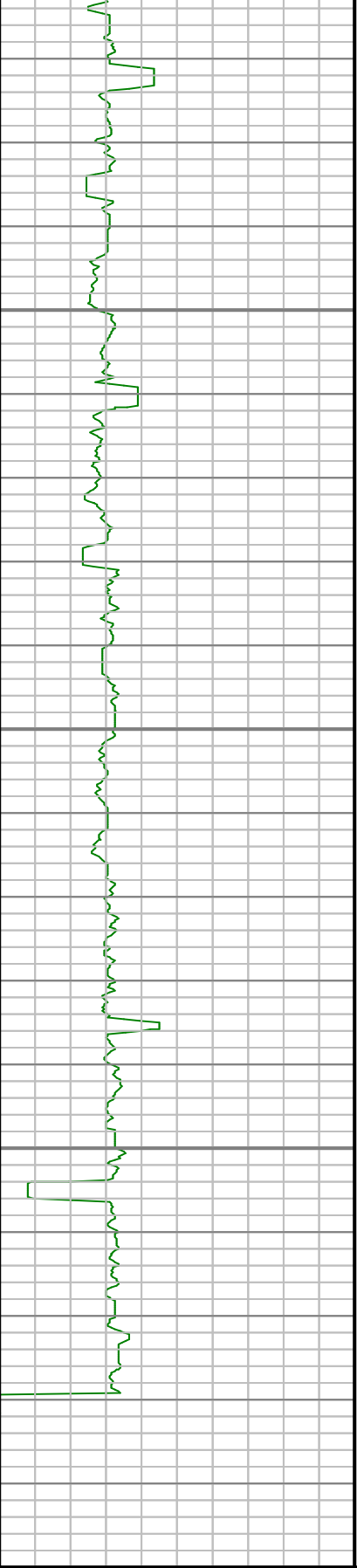




CURVE TD @
7,120' MD





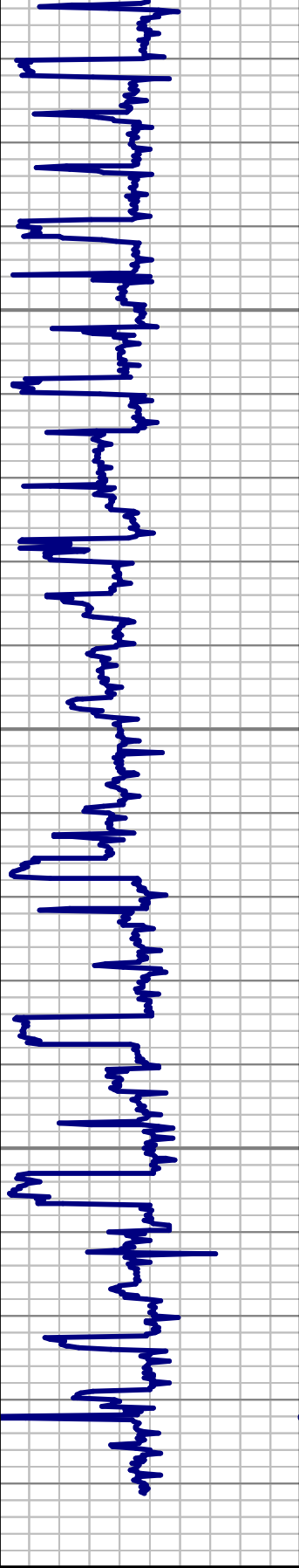


10250

10500

10750

100

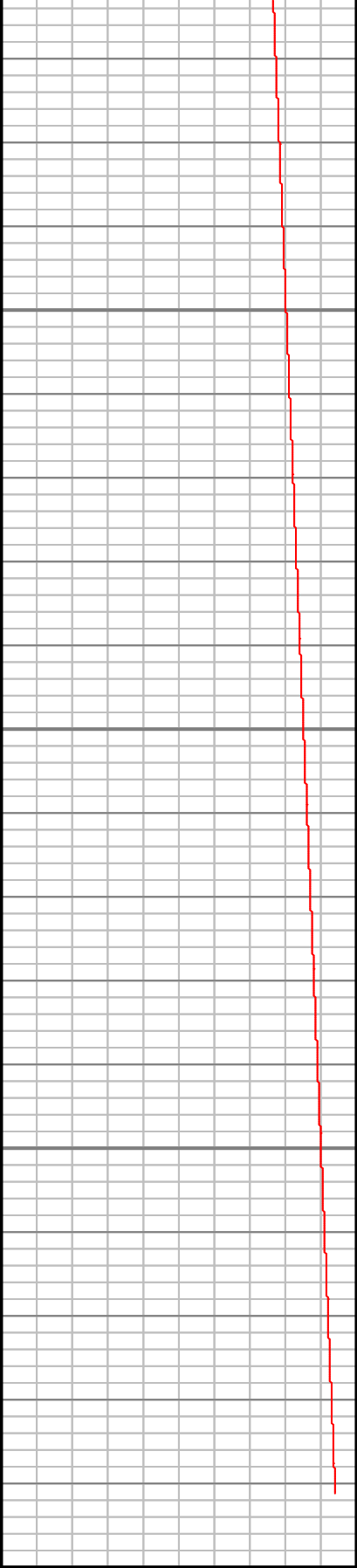


10250

10500

10750

100



TD WELL @
10,956' MD
(6,621.92' TVD,
4,696.36' VS) ON
06/01/2014