


<div></div> <div>PHOENIX TECHNOLOGY SERVICES</div>		MD 1:600 Feet	
Client: Extraction Oil & Gas		MWD Gamma / ROP (2")	
Well Name: WAAG 11			
UWID: 05 123 40360			
Licence #: XXXX			
Province: Colorado		Country: USA	
Surface Location: Sec. 19-T7N-R65W			
Longitude: 104° 42' 25.056 W Latitude: 40° 33' 40.644 N		Personnel	
Rig Name: H&P 319 Job Number: 1523847 Ground Level: 4885.00 ft Kelly Bushing: 4915.00 ft Permanent Datum: Mean Sea Level Drilling Measured From: Kelly Bushing Spud Date: - Bottom Hole Temp: 207 °F Log Start Depth: 900.00 ft Log End Depth: 11970.00 ft Data Start Depth (MD): 900.19 ft Data End Depth (MD): 11960.07 ft		Company Representative Jose Torres Geologist Vivian Speiss Directional Driller(s) Levi Rogers Ralph Nicholson MWD Operator(s) Seth Theriot Damon Decker	
Reference Data			
North Reference: True North Magnetic Declination: 8.32 Total Mag. Correction: 8.32			
Comments: -		Leg Name Main Leg	
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Operational Run Summary

1523847

	Run 1	Run 2	Run 3	Run 4		
Run Start Depth (ft)	889.00	6616.91	6991.85	7569.98		
Run End Depth (ft)	6616.91	6991.85	7569.98	11960.14		
Run Start Date	7/15/2015	8/3/2015	8/3/2015	8/5/2015		
Run Start Time	6:16 PM	12:00 AM	12:57 PM	11:58 PM		
Run End Date	8/2/2015	8/3/2015	8/5/2015	8/7/2015		
Run End Time	10:16 PM	10:50 AM	8:15 AM	5:29 PM		

Tool Information Summary

1523847

	Run 1	Run 2	Run 3	Run 4		
Gamma Probe Serial No	G0615	G0259	G0615	G0259		
Probe Cal Ratio	1.36	1.34	1.36	1.34		
Gamma Scale Factor	8.763	8.634	8.763	3.283		
Tool Carrier ID (in)	2.875	2.875	2.875	2.688		
Tool Carrier OD (in)	6.750	6.750	6.750	4.500		
Survey-to-Bit (PTB) (ft)	61.29	66.57	59.45	67.93		
Gamma-to-Bit (GTB) (ft)	56.13	54.13	54.27	55.49		
Annular Pressure-to-Bit (APTb) (ft)	0.00	0.00	0.00	0.00		

Borehole Fluids and Measurements Summary

1523847

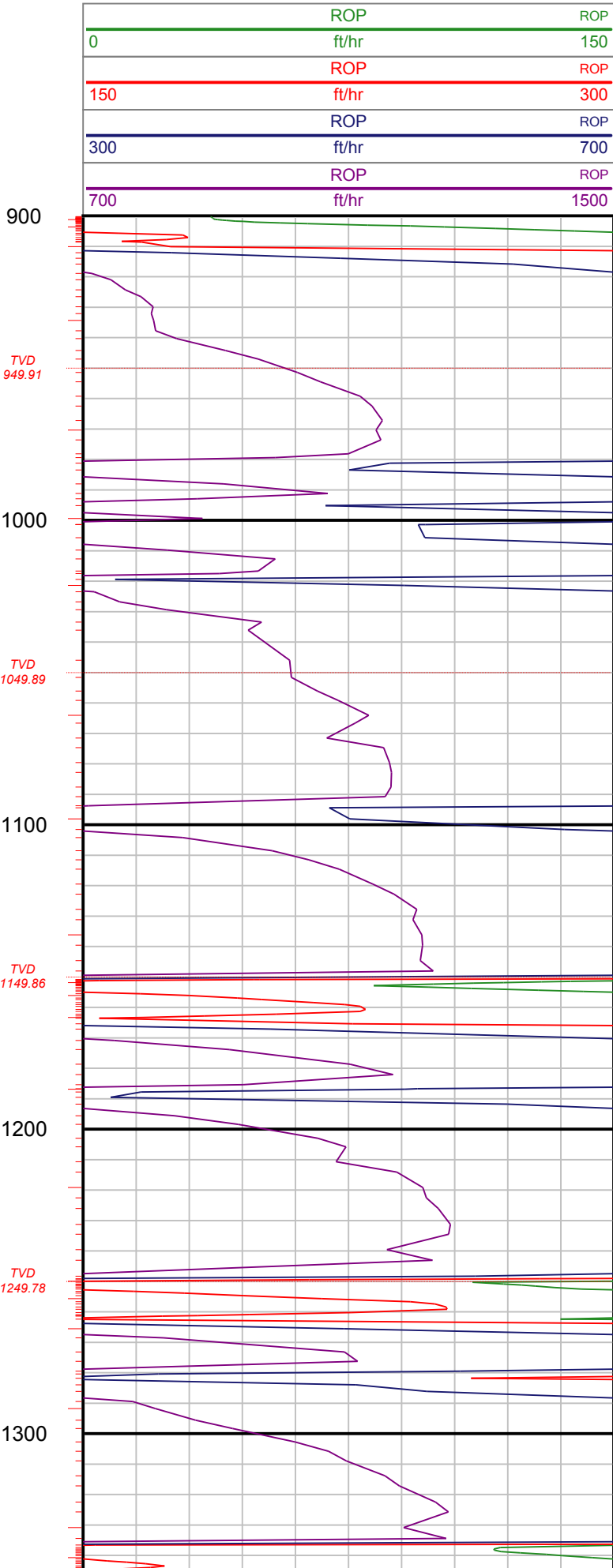
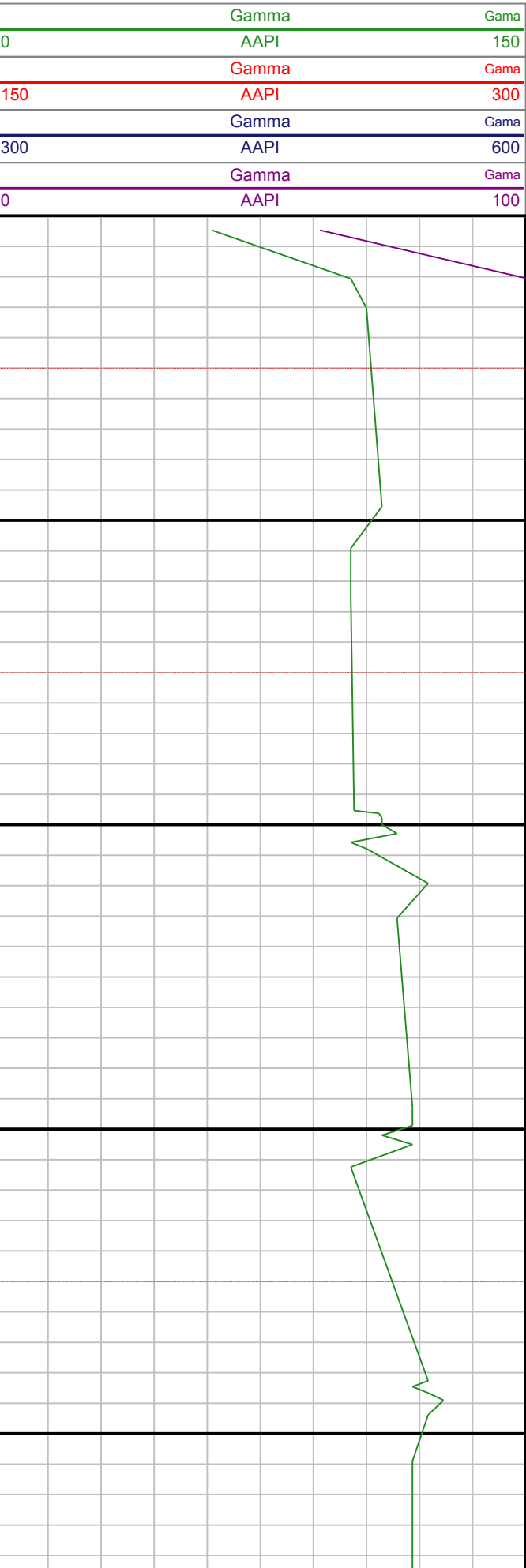
	Run 1	Run 2	Run 3	Run 4		
Hole Size (in)	8.75	8.75	8.75	6.13		
Casing Start Depth (ft)	0.00	0.00	0.00	0.00		
Casing End Depth (ft)	828.00	828.00	828.00	7570.00		
Casing ID Size (in)	0.625	0.625	0.625	7.000		

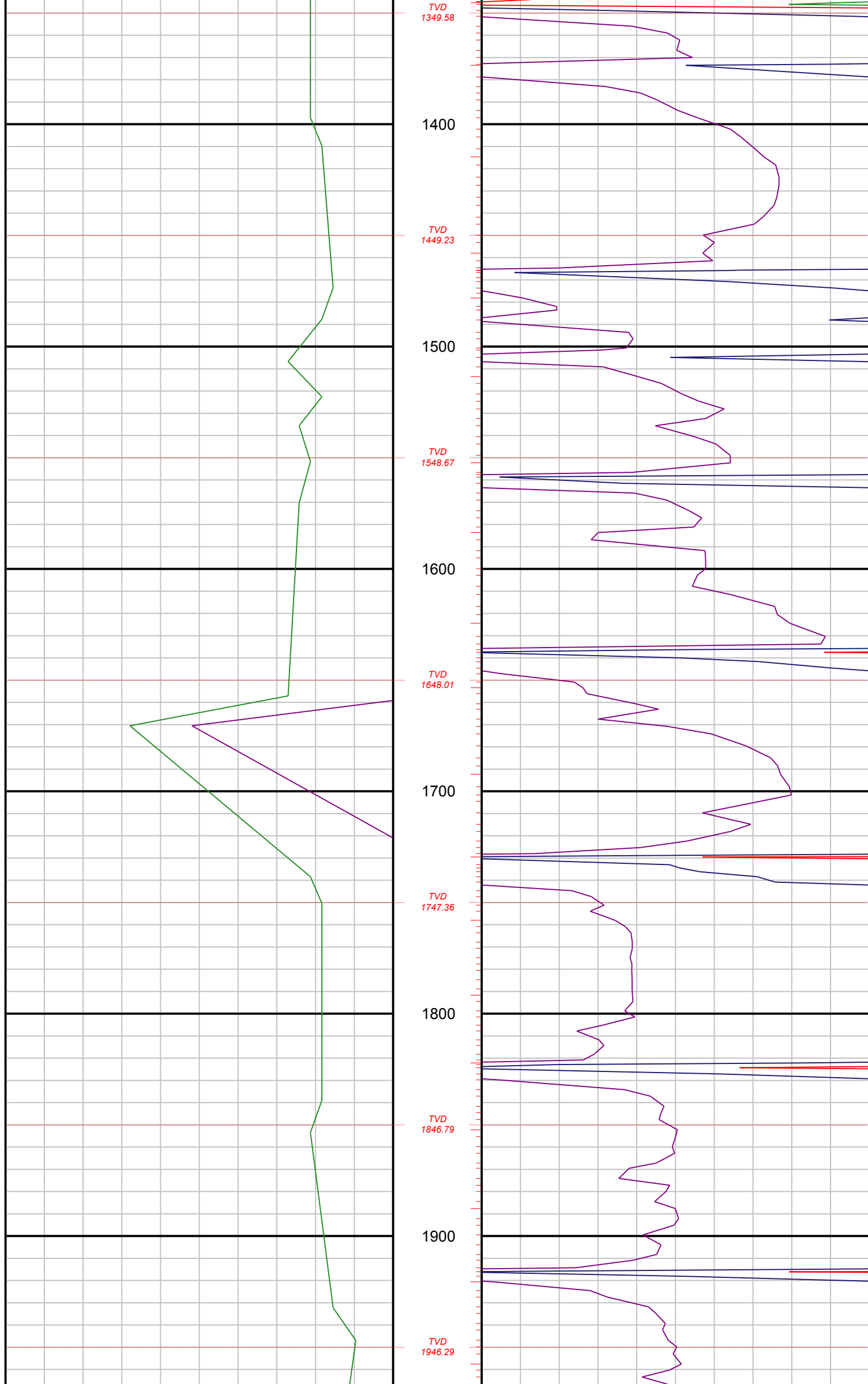
Casing Size (in)	9.625	9.625	9.625	7.000		
Mud Type	Brine	Brine	Fresh Water	Brine		
Mud Weight (lb/gal)	9.5	9.5	9.5	10.2		
Mud Viscosity (s)	35	35	35	46		
Weighting Agent	Light Mud	Light Mud	Light Mud	Light Mud		
Mud KCL Content (%)	0.000	0.000	0.000	0.000		

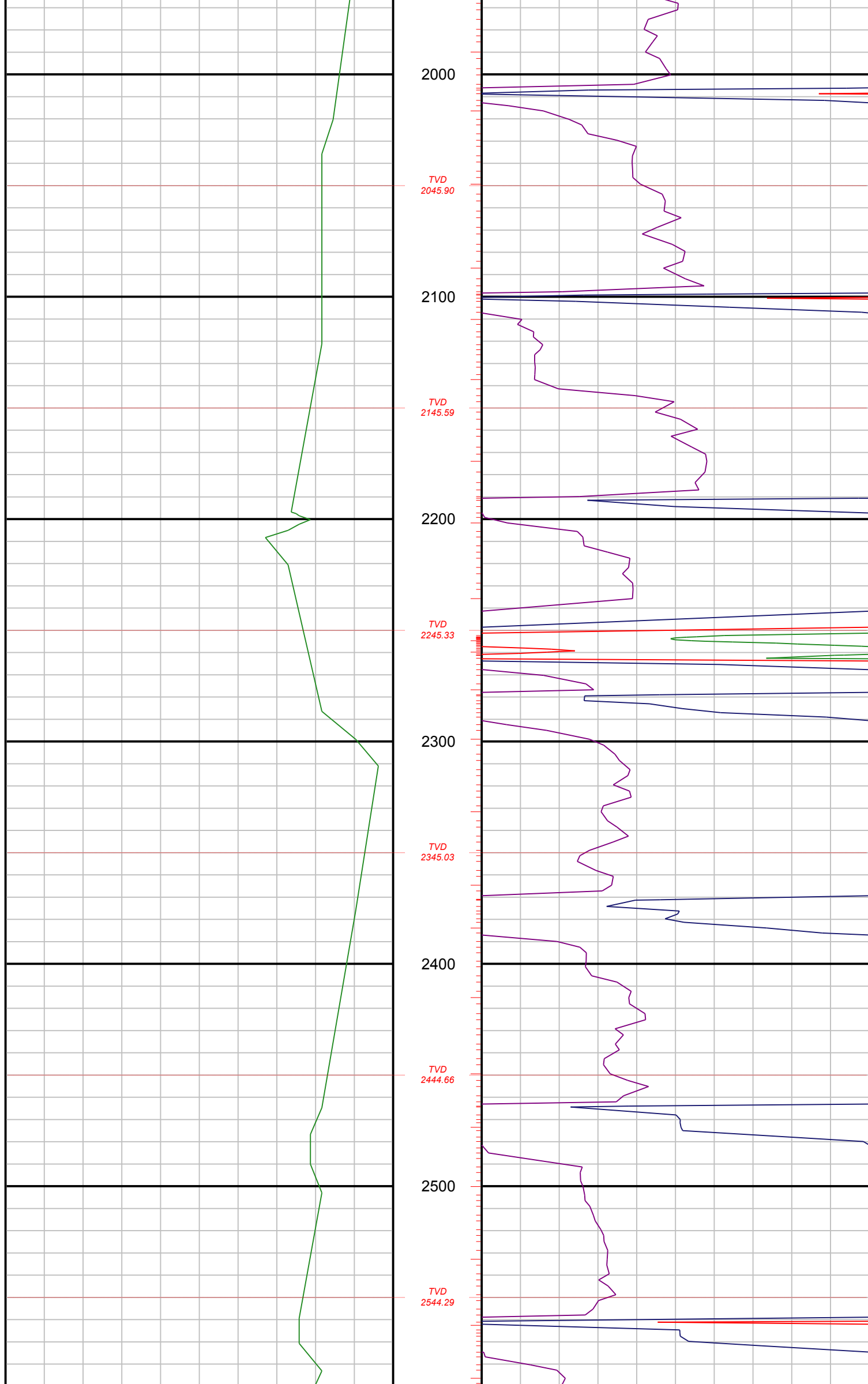
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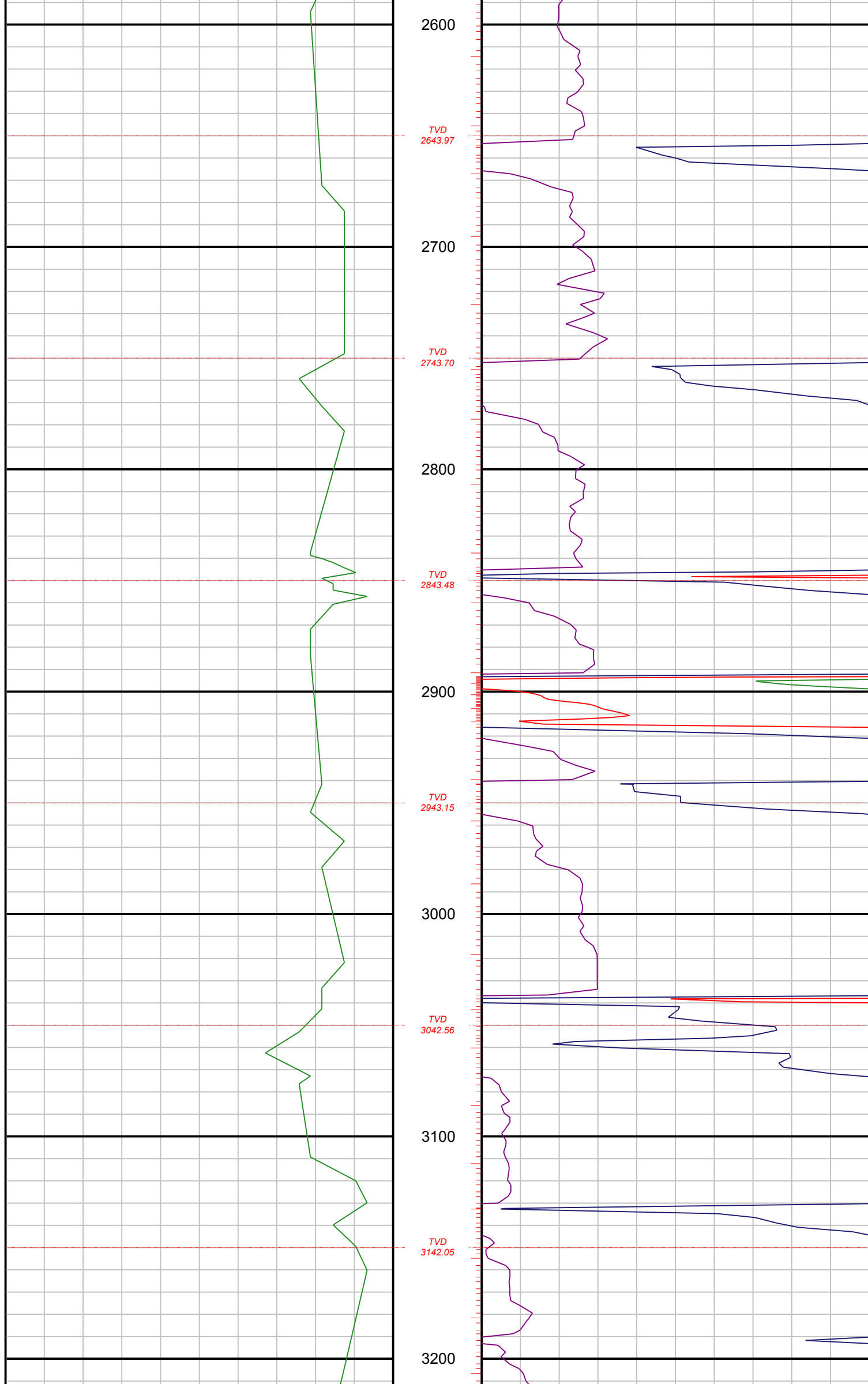
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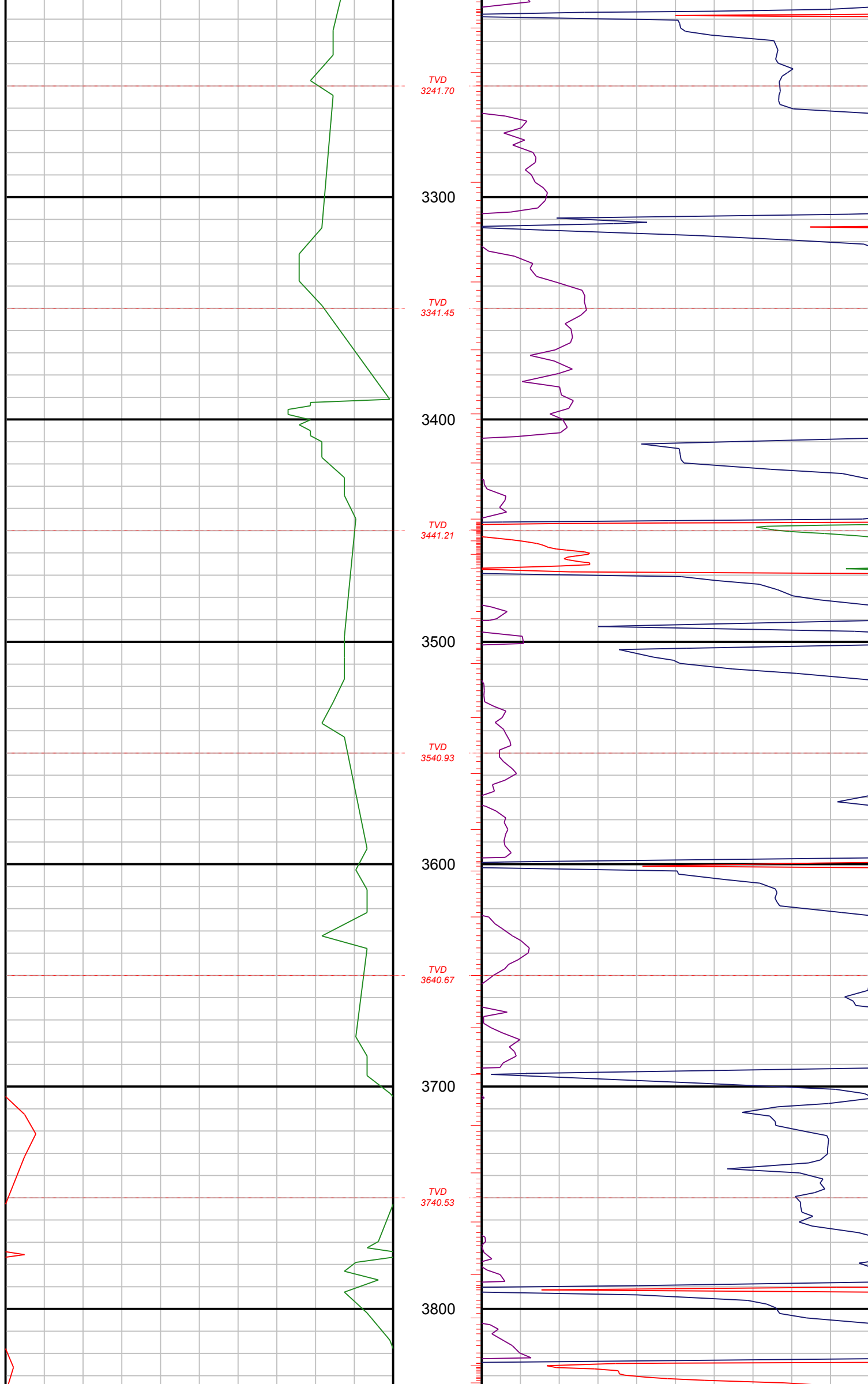
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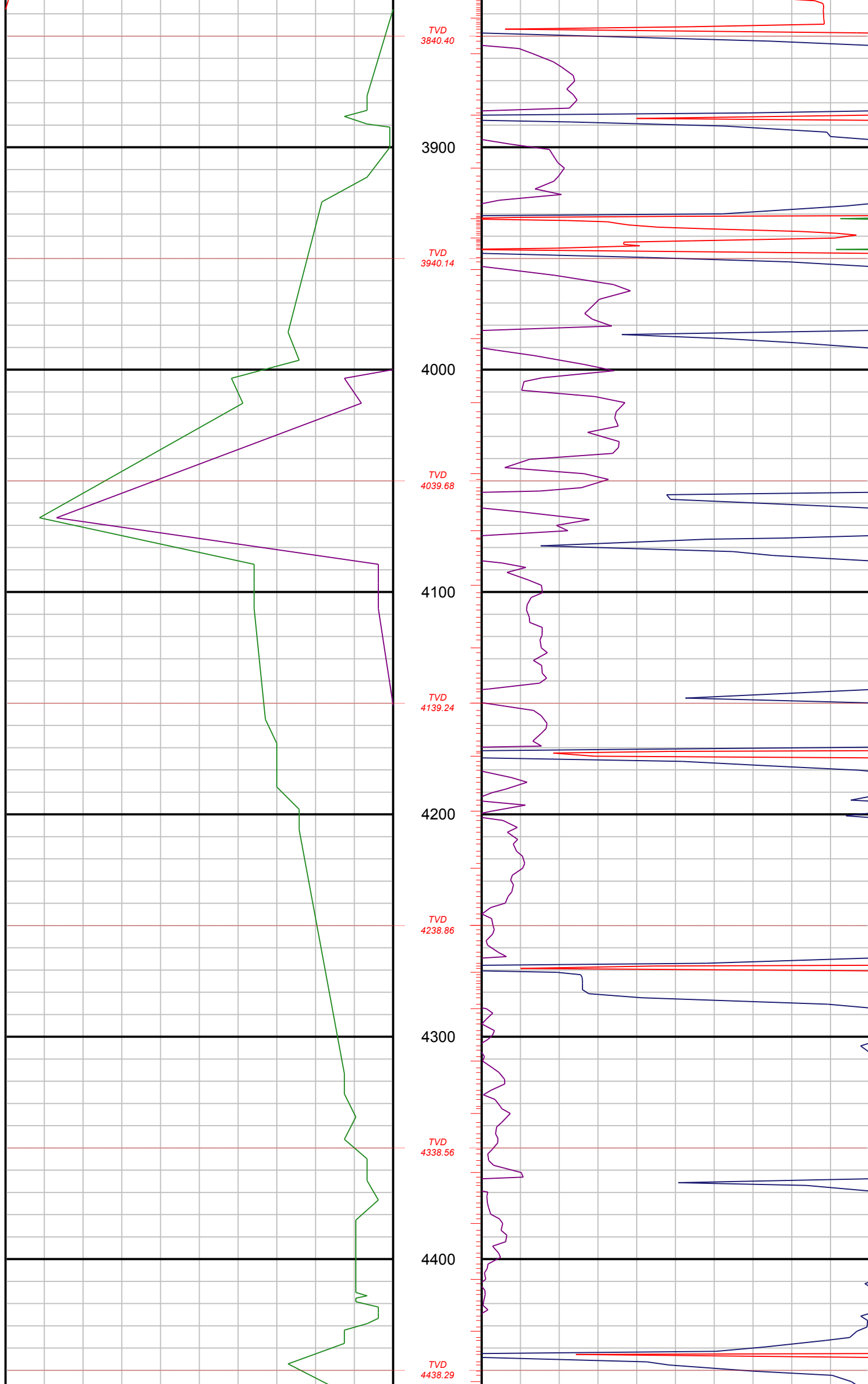


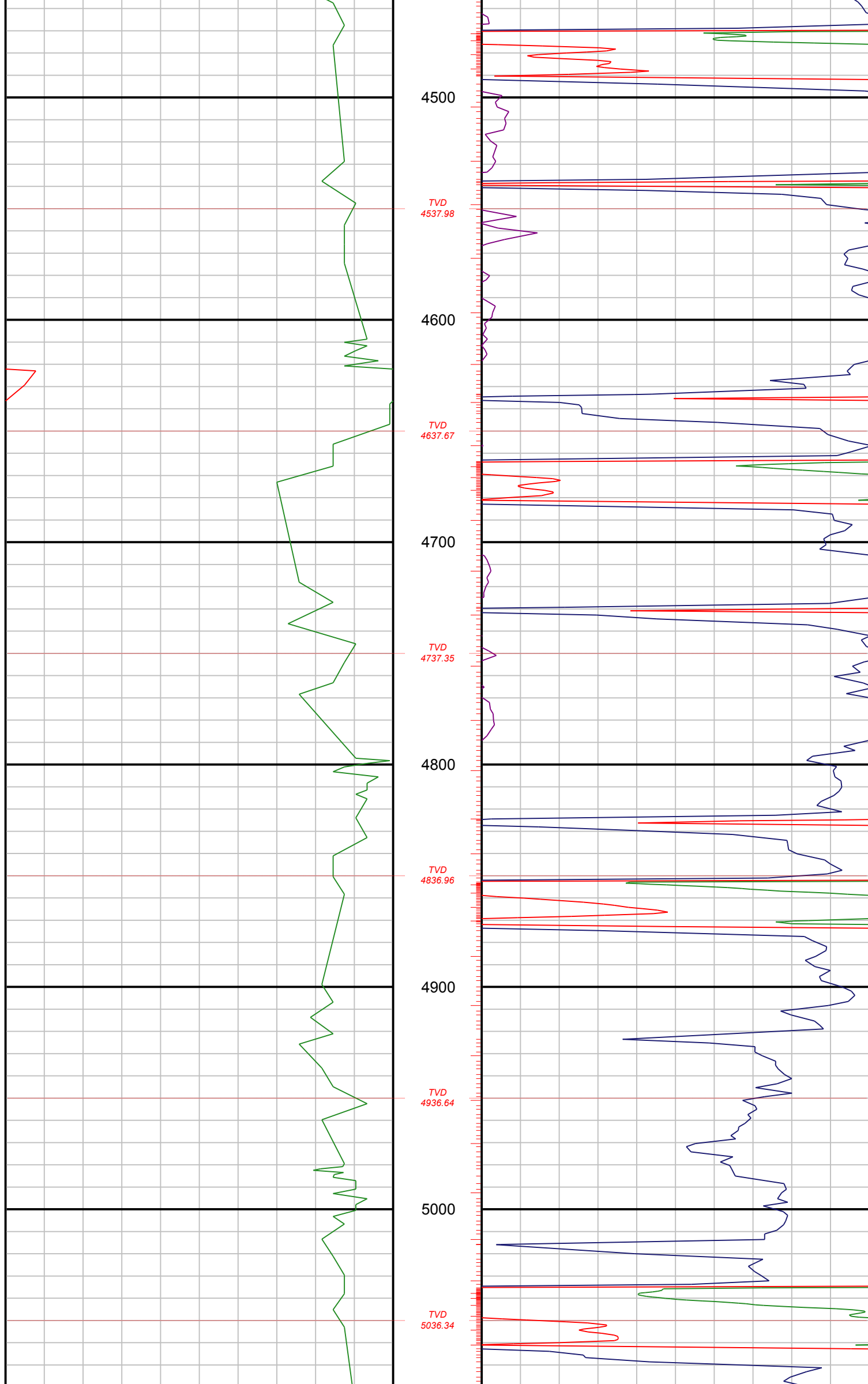




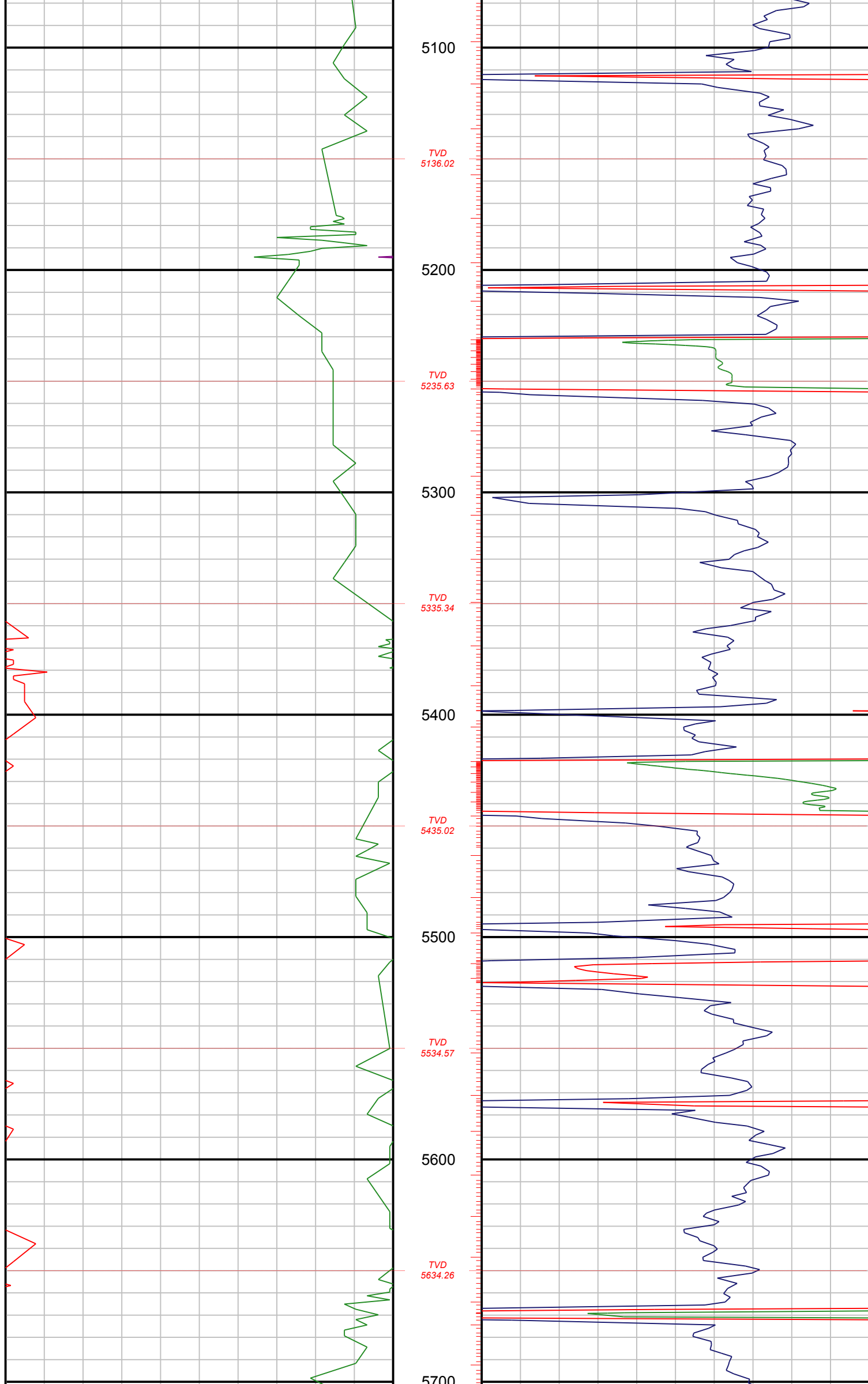


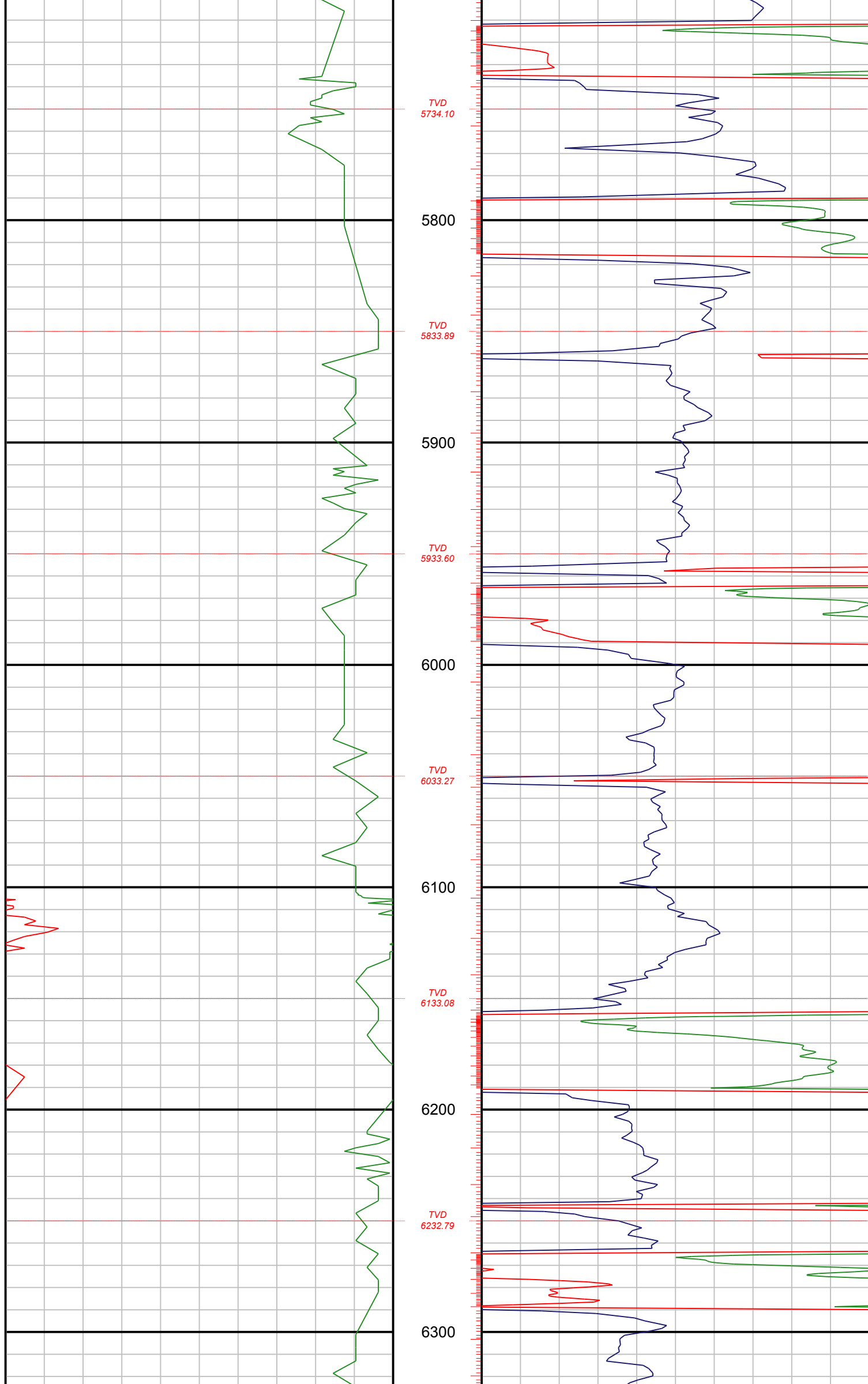


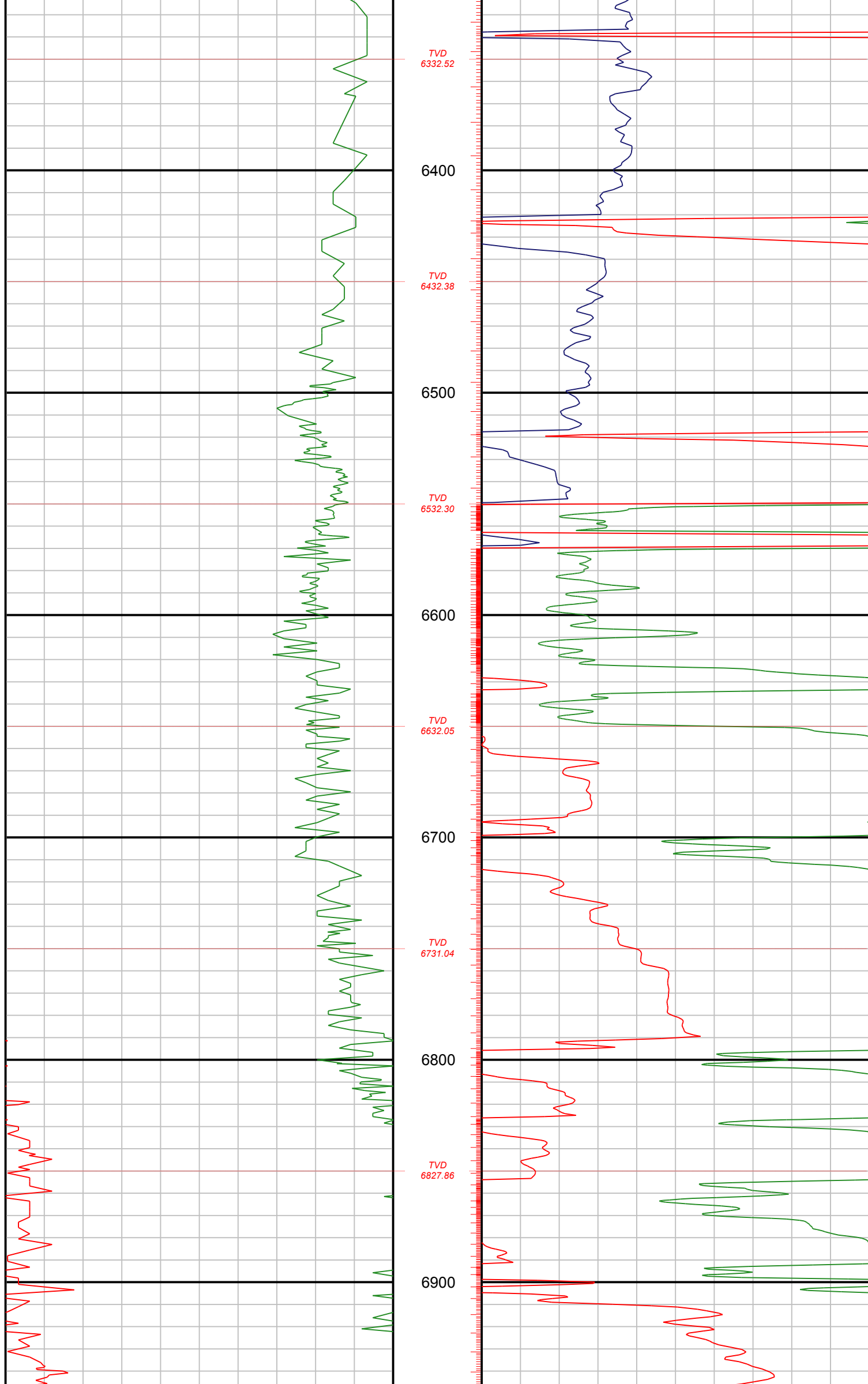


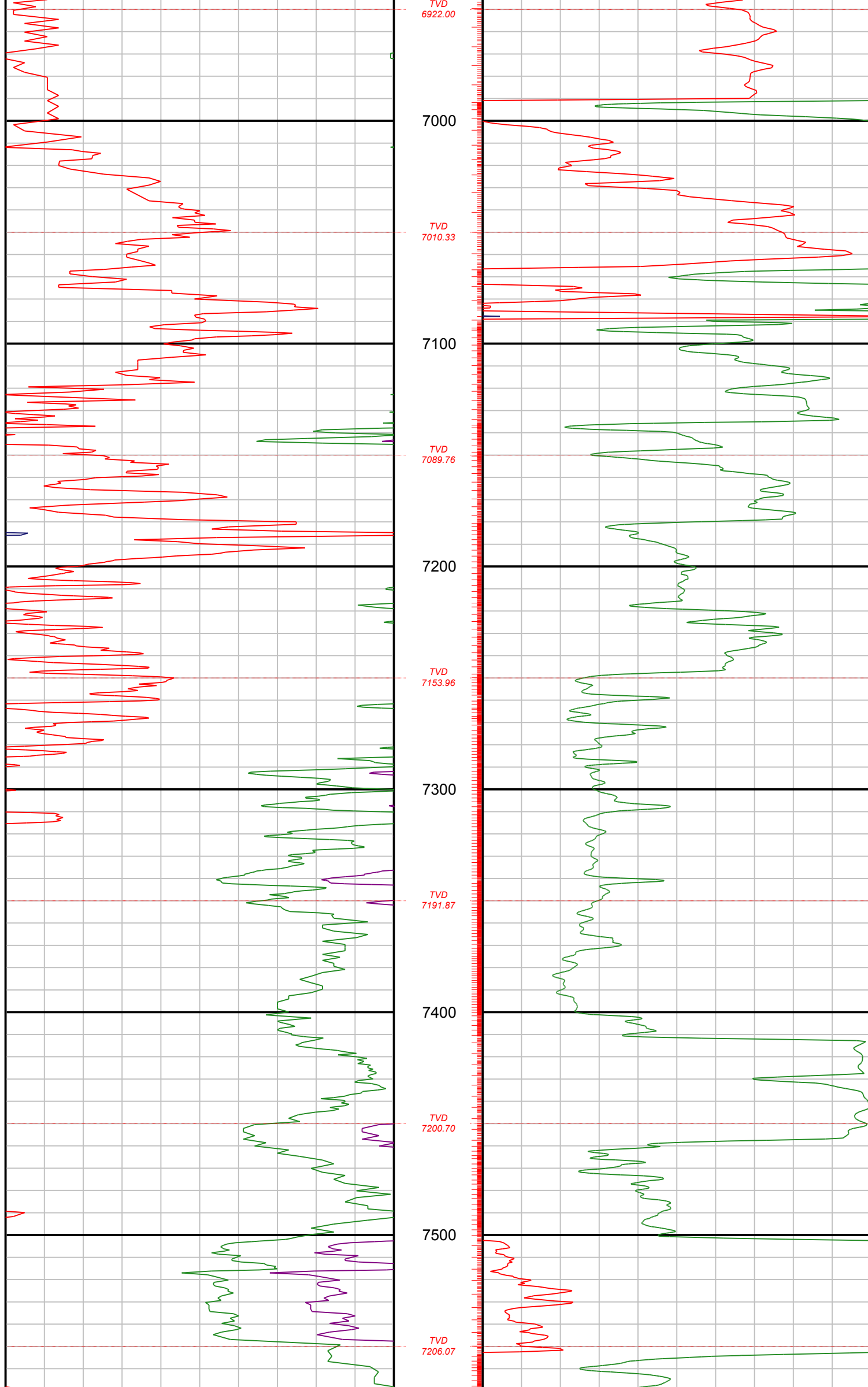


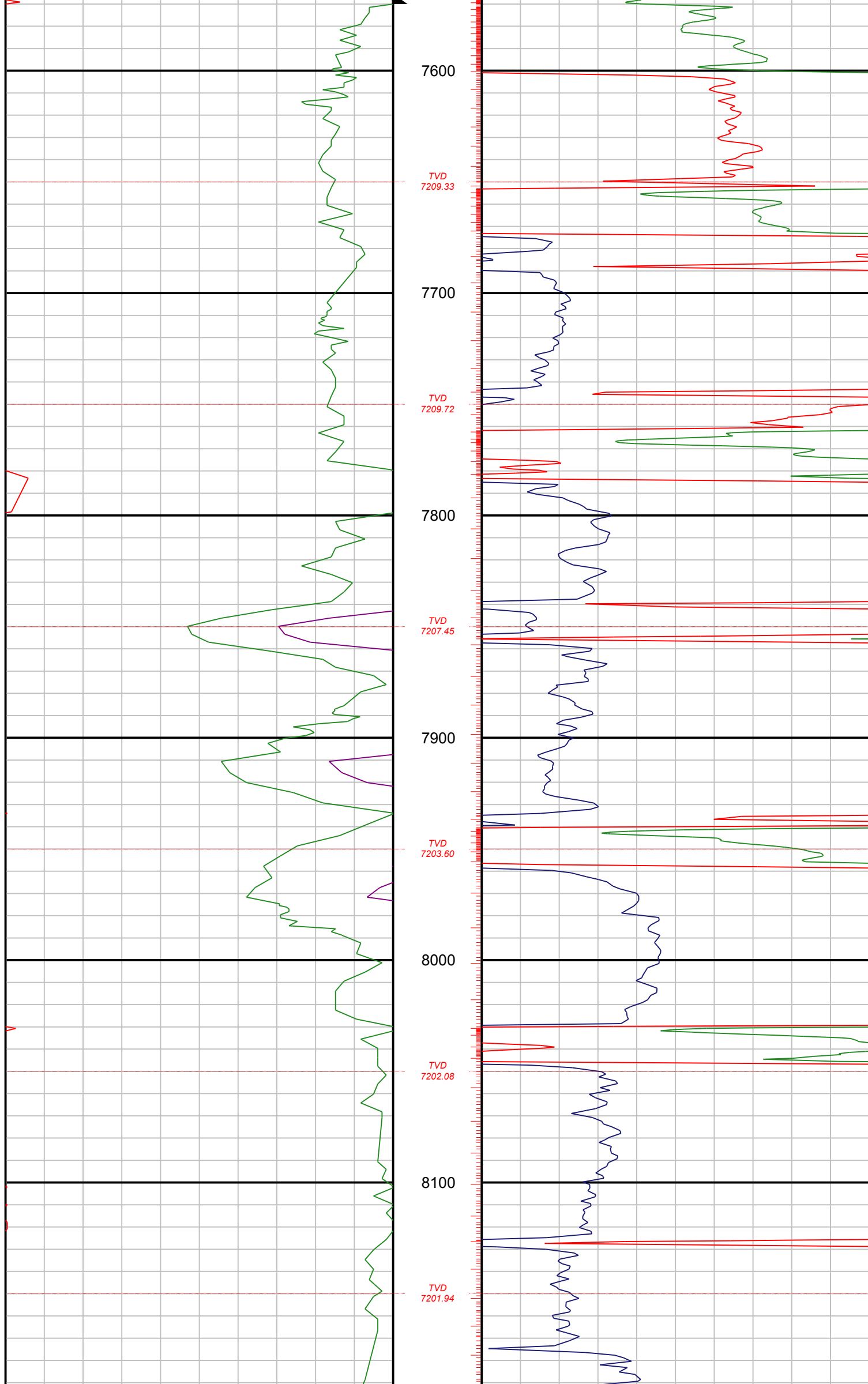


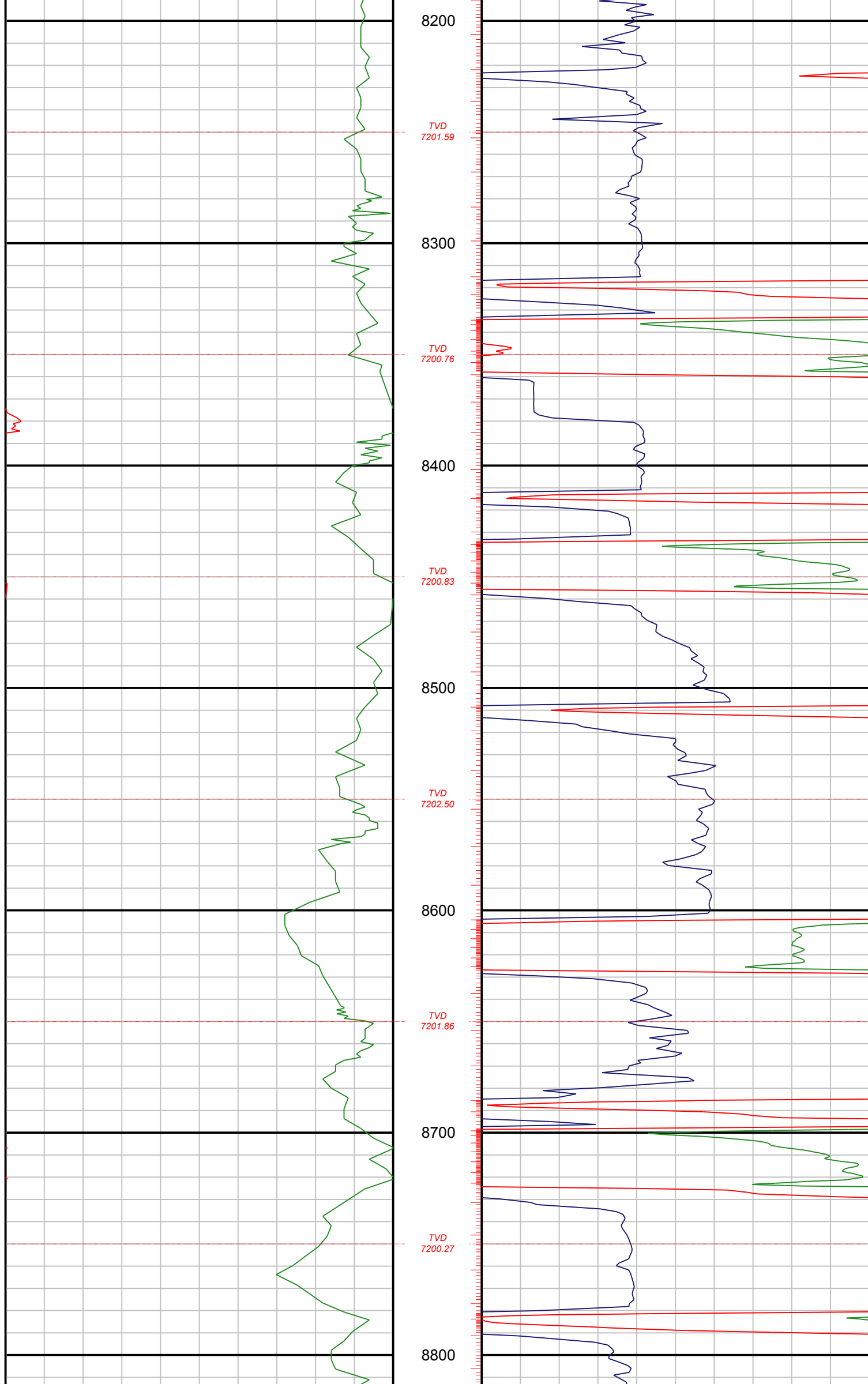


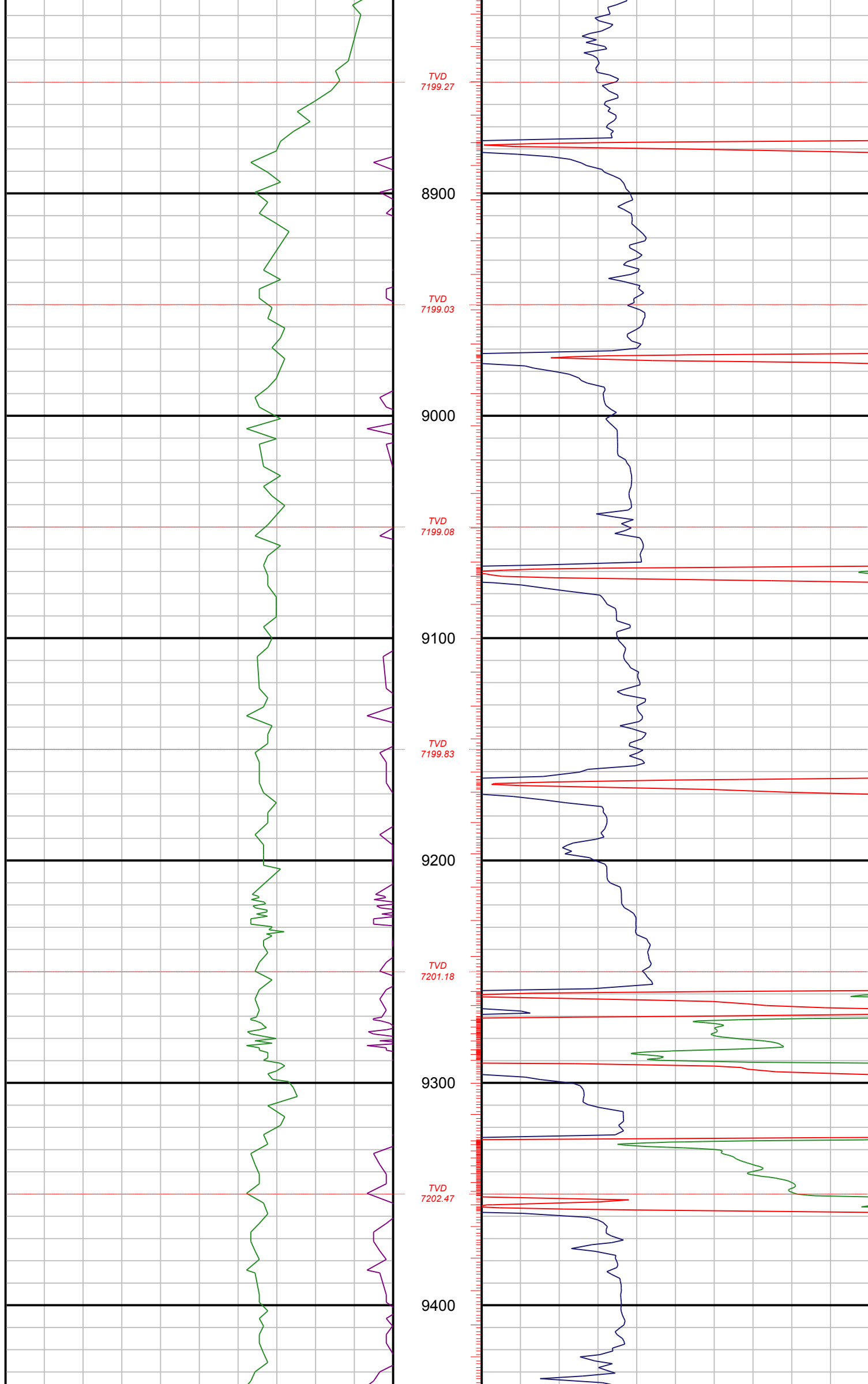


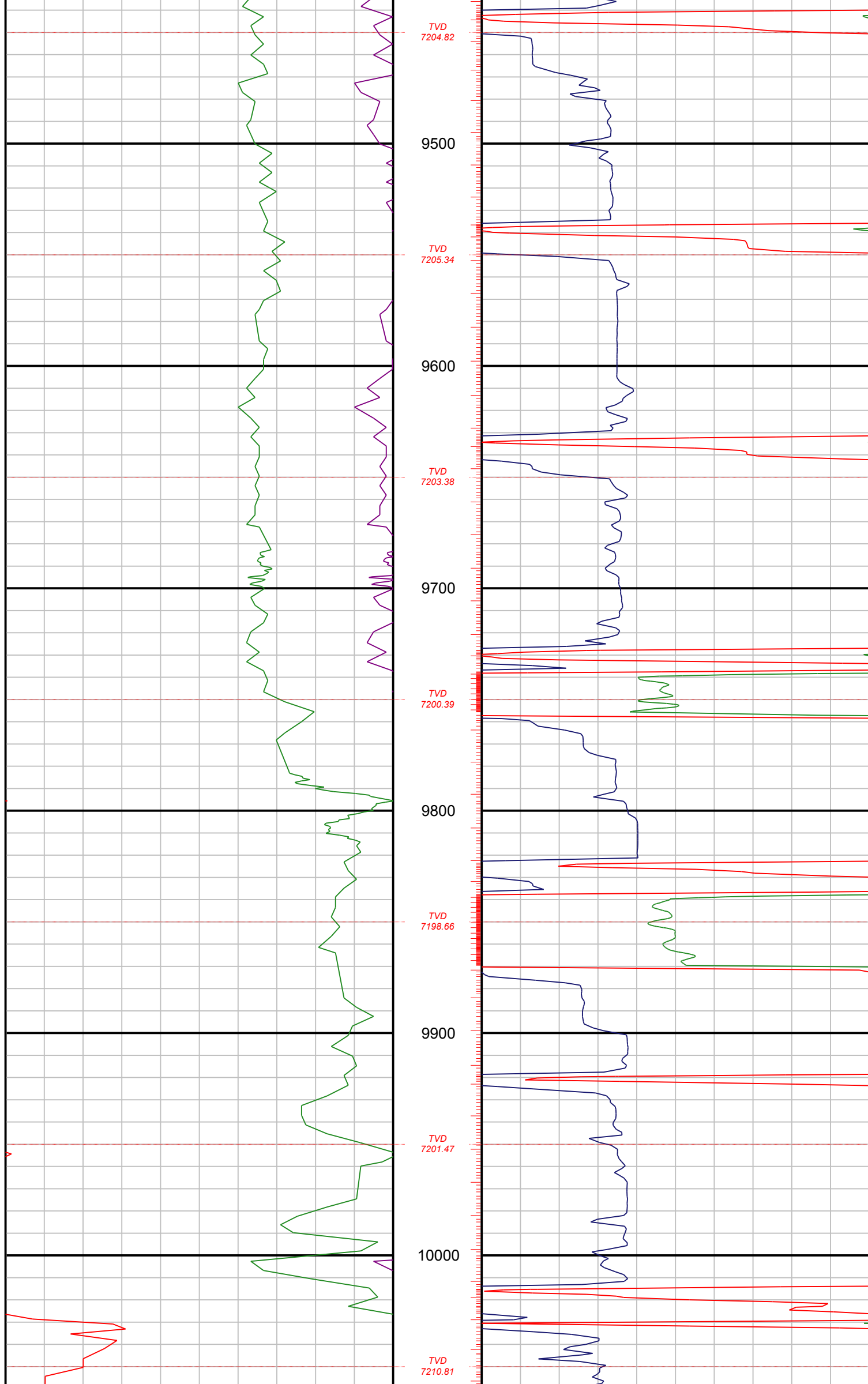




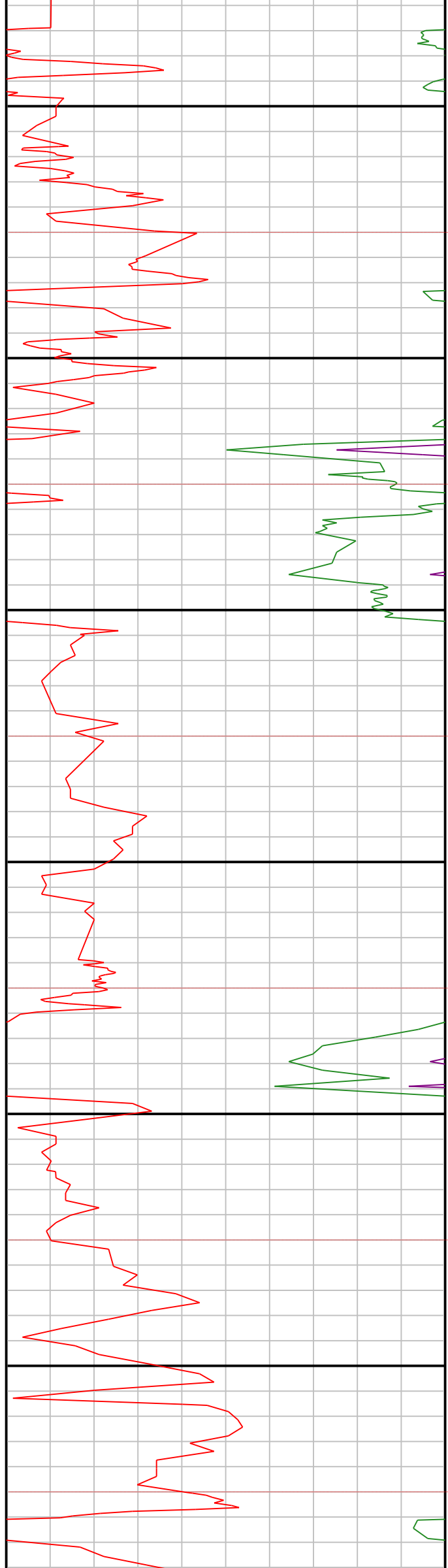












10100

TVD  
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10200

TVD  
7234.15

10300

TVD  
7234.58

10400

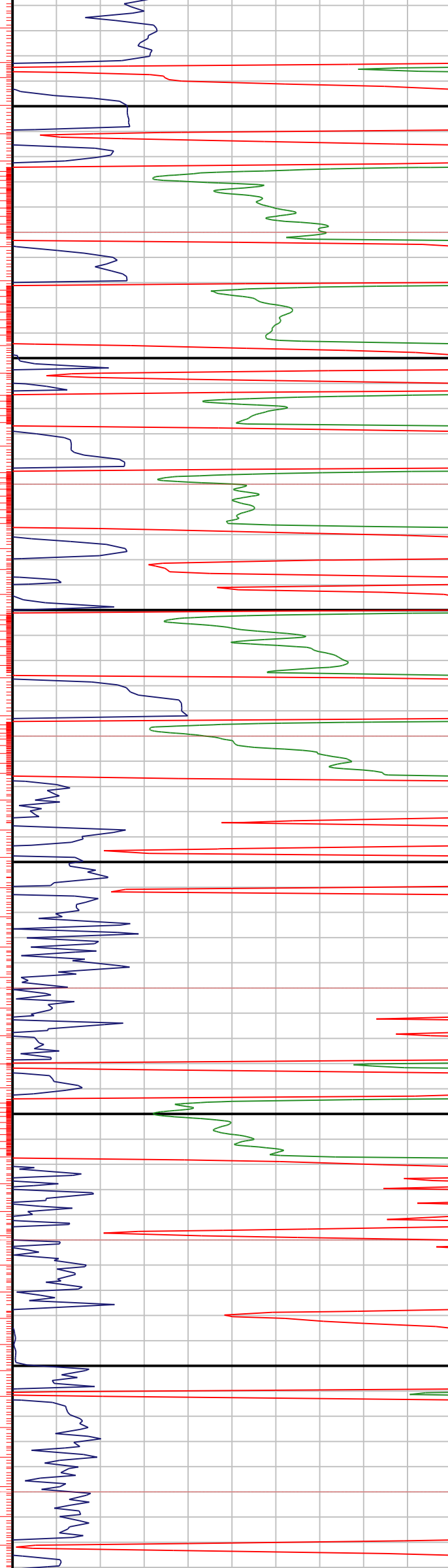
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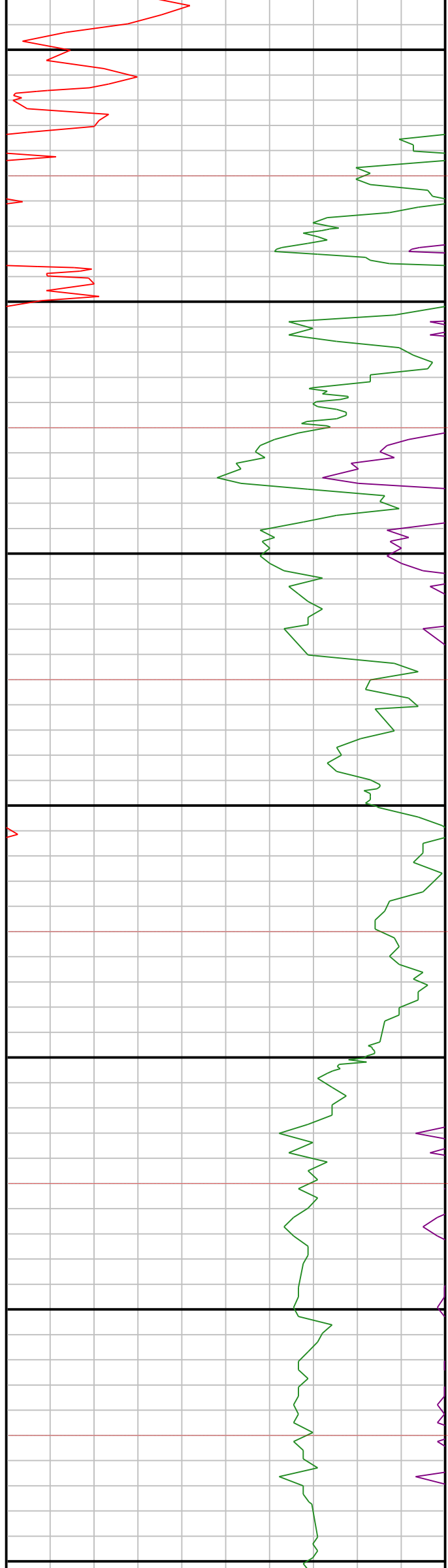
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TVD  
7220.85

10600

TVD  
7220.52





10700

10800

10900

11000

11100

11200

11300

TVD  
7224.65

TVD  
7229.17

TVD  
7231.39

TVD  
7231.88

TVD  
7231.82

TVD  
7231.30

