



LEAM Drillings Systems

2027A Airport Rd  
Conroe, TX 77301**ND-140799**

5":100' - MD

7/9/2014 10:34:11 PM

**Oper. Company:** Whiting oil and Gas**Country:** USA**State / Province:** Colorado**County / Parish:** Weld**Started:****API/UWI:** 05-123-3920200**Field:** Wildcat**Well:** Horsetail 30F-3105**Rig:** Xtreme 18**Ended:****Personnel****Day Hand:** Noel Dalbey**Night Hand:** James Hearn**Comp. Emp:****Location****Latitude:** 40° 48' 37.969 N**Longitude:** 103° 47' 46.489 W**Elev. GL:** 4780**Elev. DF:** 4797**Elev. KB:** 17**Hole Data**

Size	From	To
13 1/2	0	1602
8 3/4	1602	5990
6 1/8	5990	0

**Casing Data**

Size	From	To
13 1/2	0	1588
7	1588	5972

**Bit Sizes**

Size	From	To
13 1/2	0	1602
8 3/4	1602	5990
6 1/8	5990	0

**Mud Data**

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
WBM	10						0	0

**Tool Run Data**

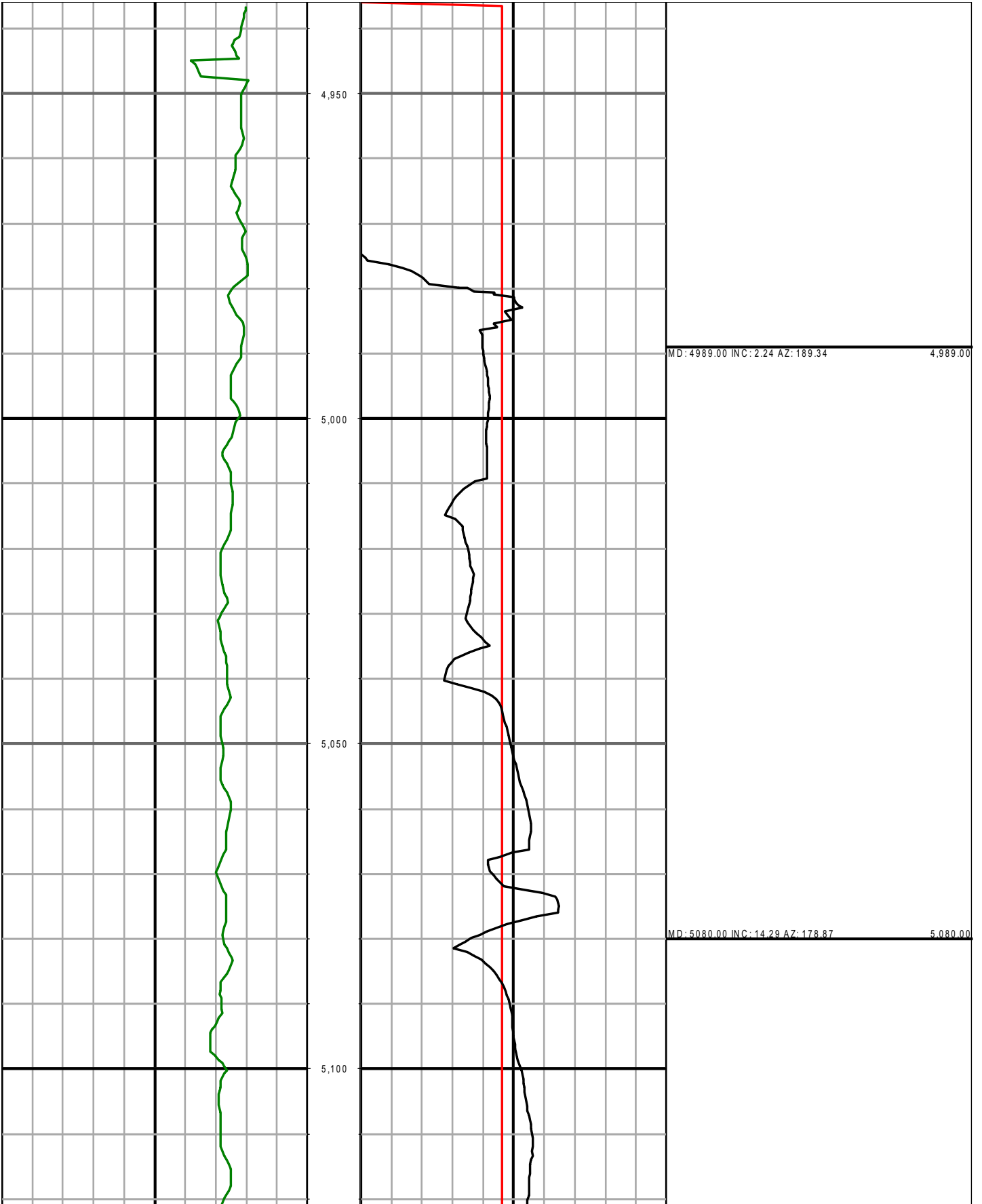
Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
G1600	38	0	7/2/2014 6:30:25 AM	4874	7/5/2014 4:45:25 AM	5990
G1600	41	0	7/5/2014 9:30:52 PM	5990	7/7/2014 9:30:52 AM	8585
DG43	41	0	7/7/2014 11:30:43 PM	8585	7/8/2014 4:39:43 PM	0

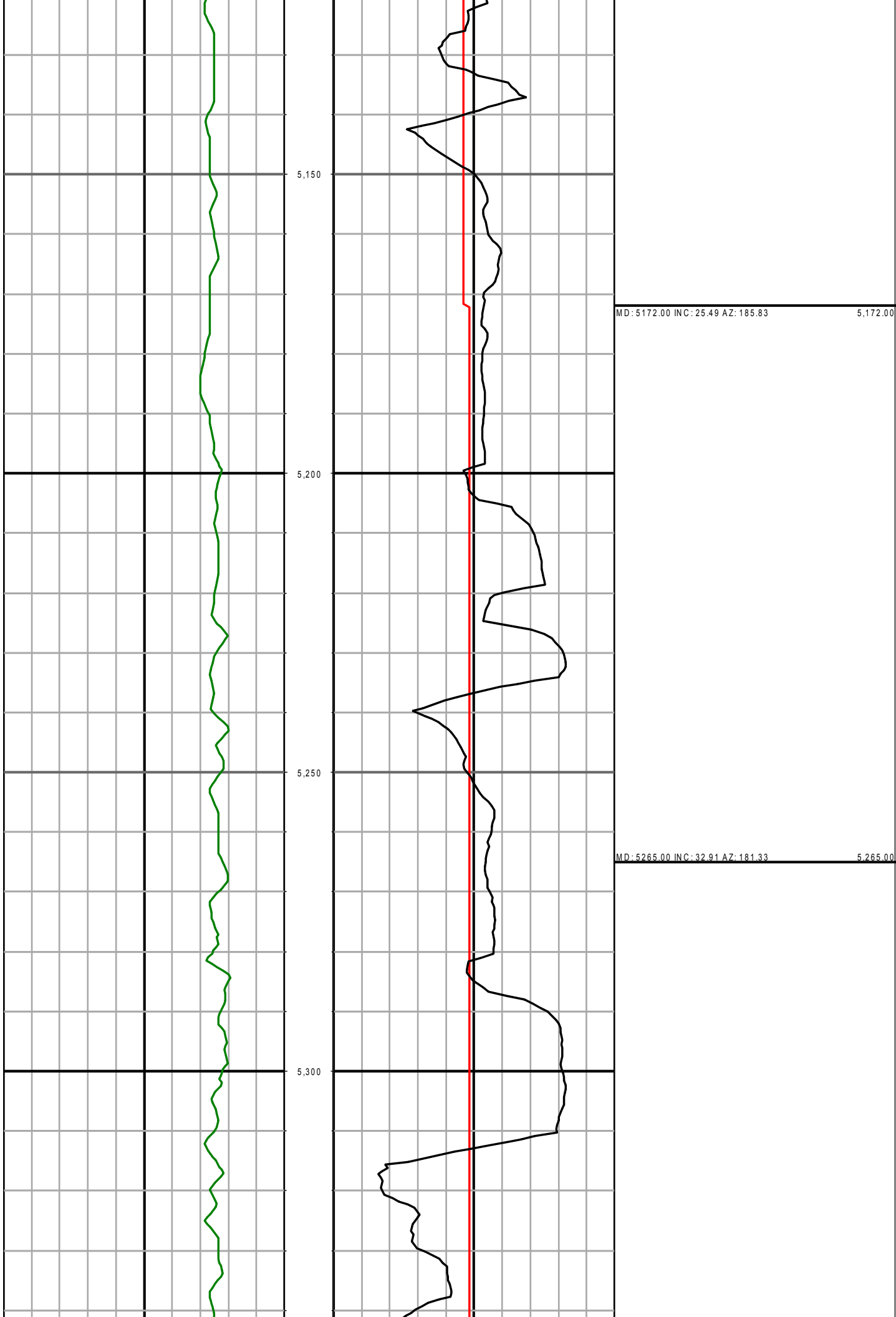
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.

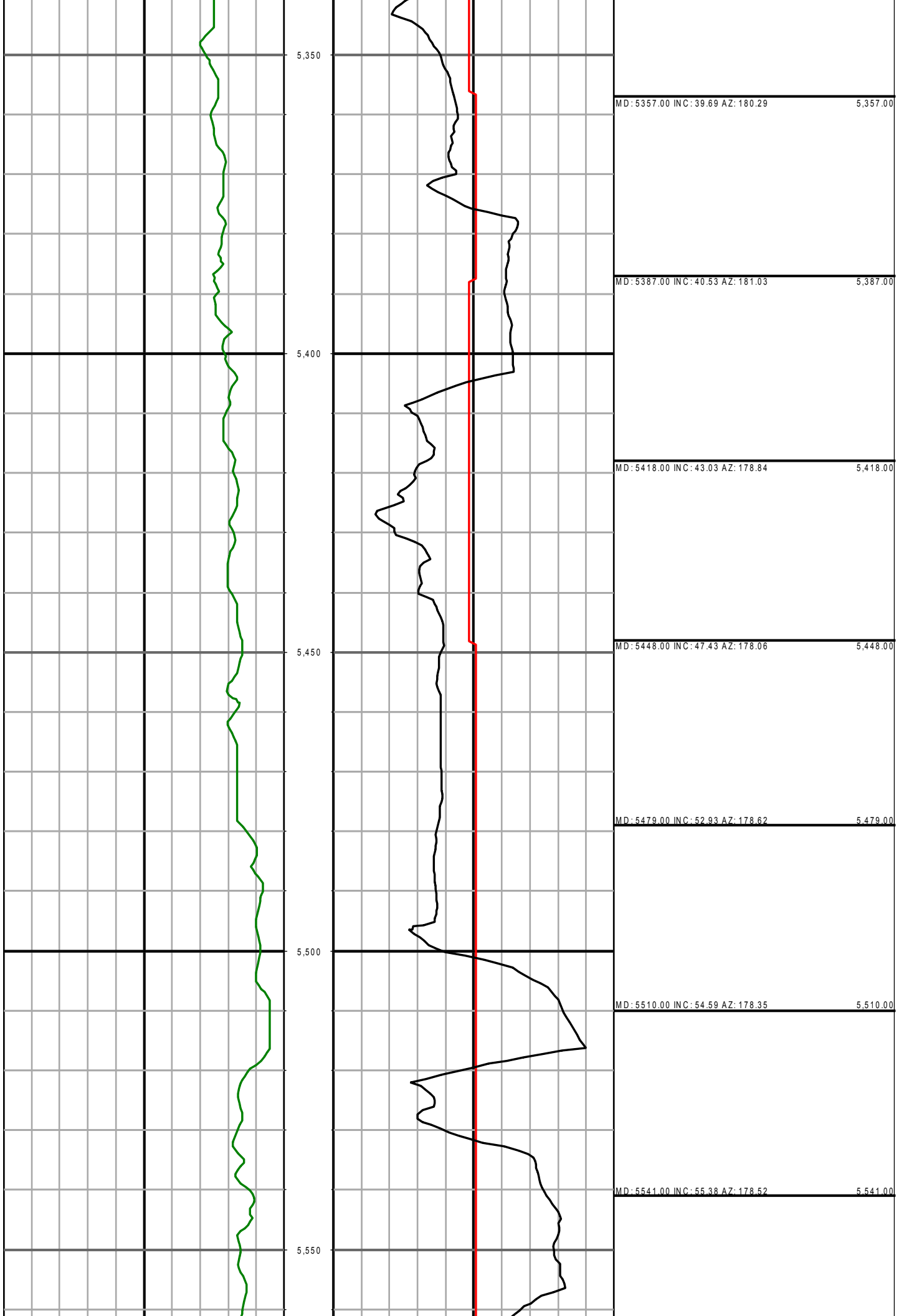
0.00	GR(API)	150.00
150.00	2	300.00
300.00	3	450.00
0.00	GR Re-log Section(API)	150.00
150.00	2	300.00
300.00	3	450.00

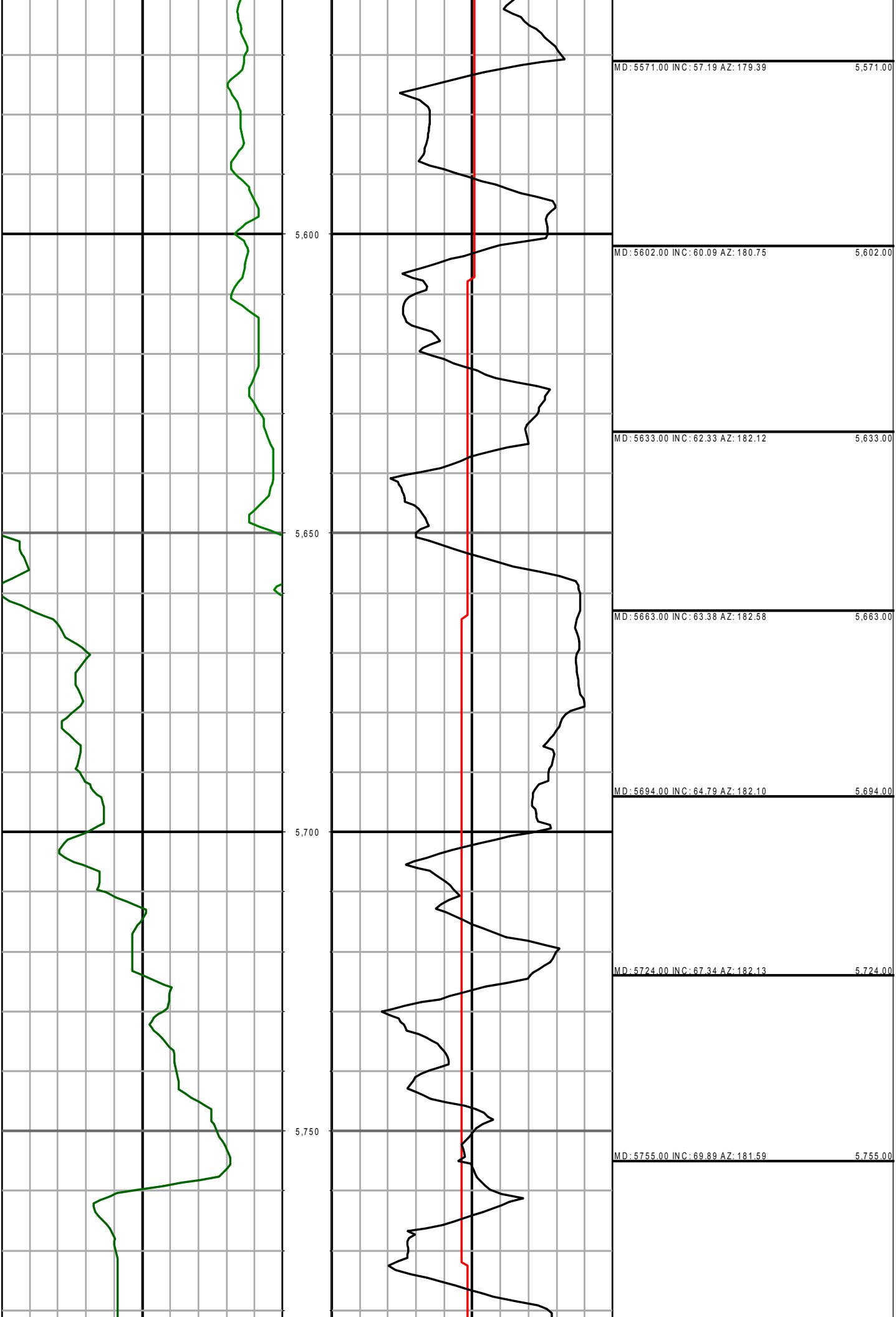
MD	0.00	ROP(FT/HR)	300.00
FT	300.00	2	600.00
	0.00	TEMP(degF)	300.00

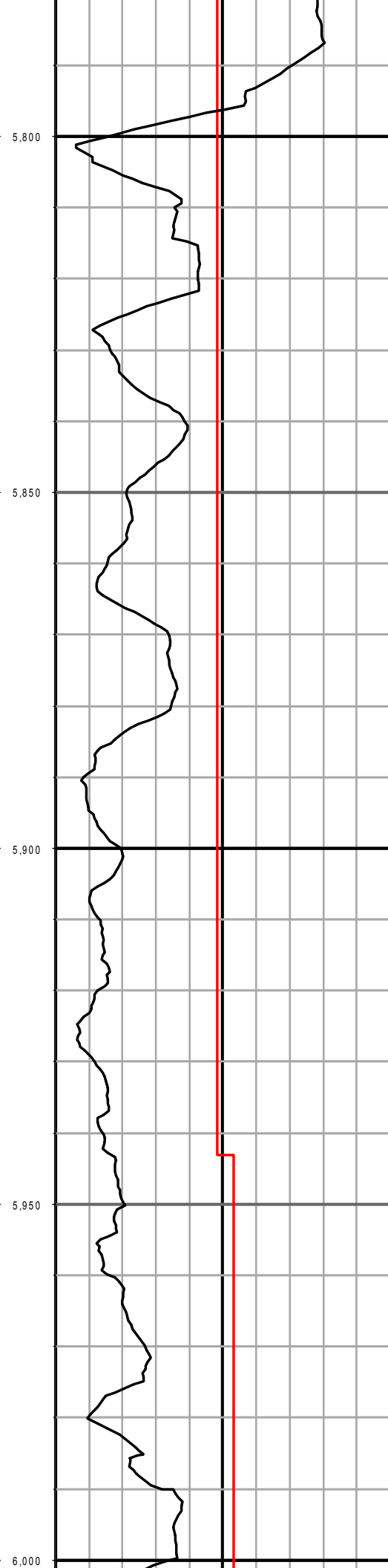
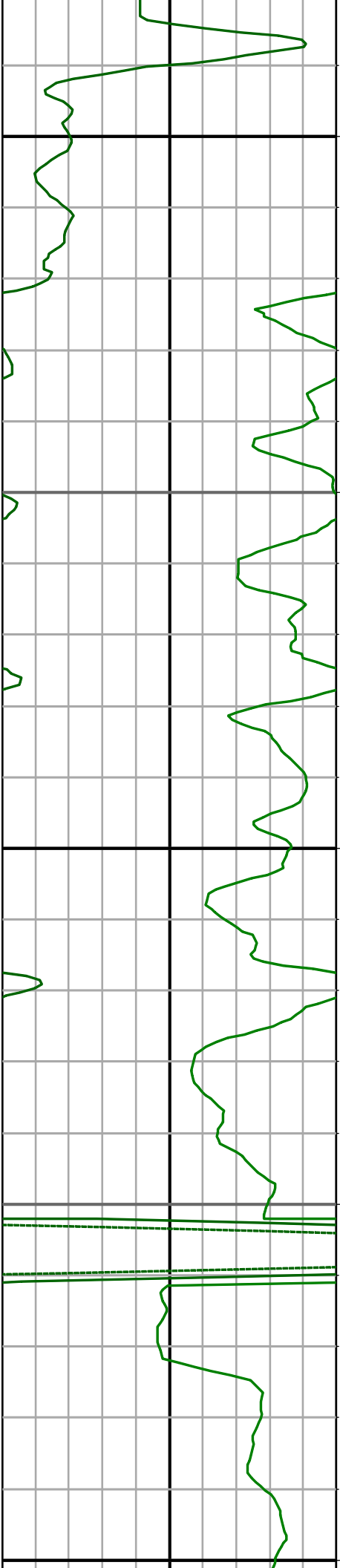
Annotations
Surveys (MD/INC/AZ)



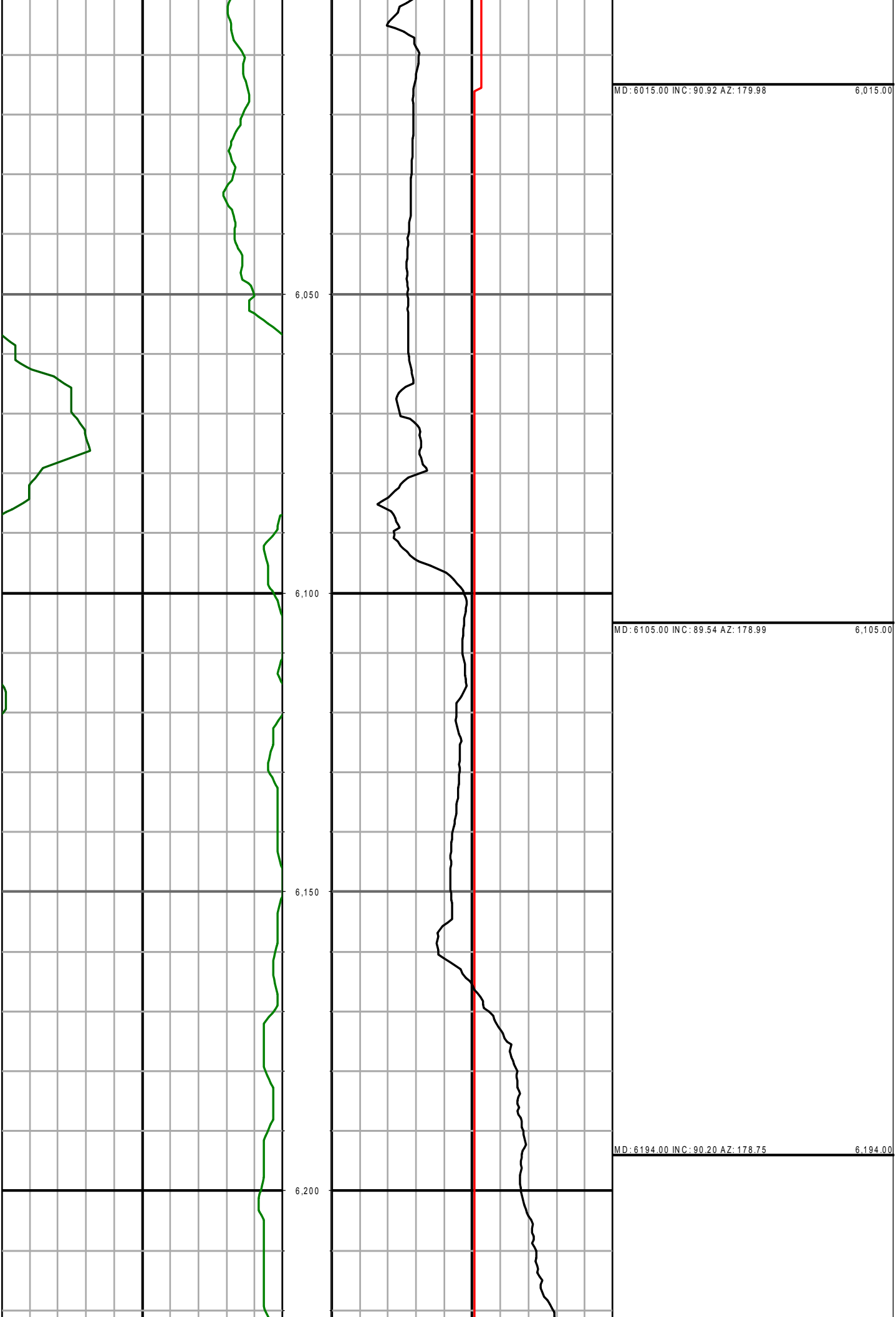


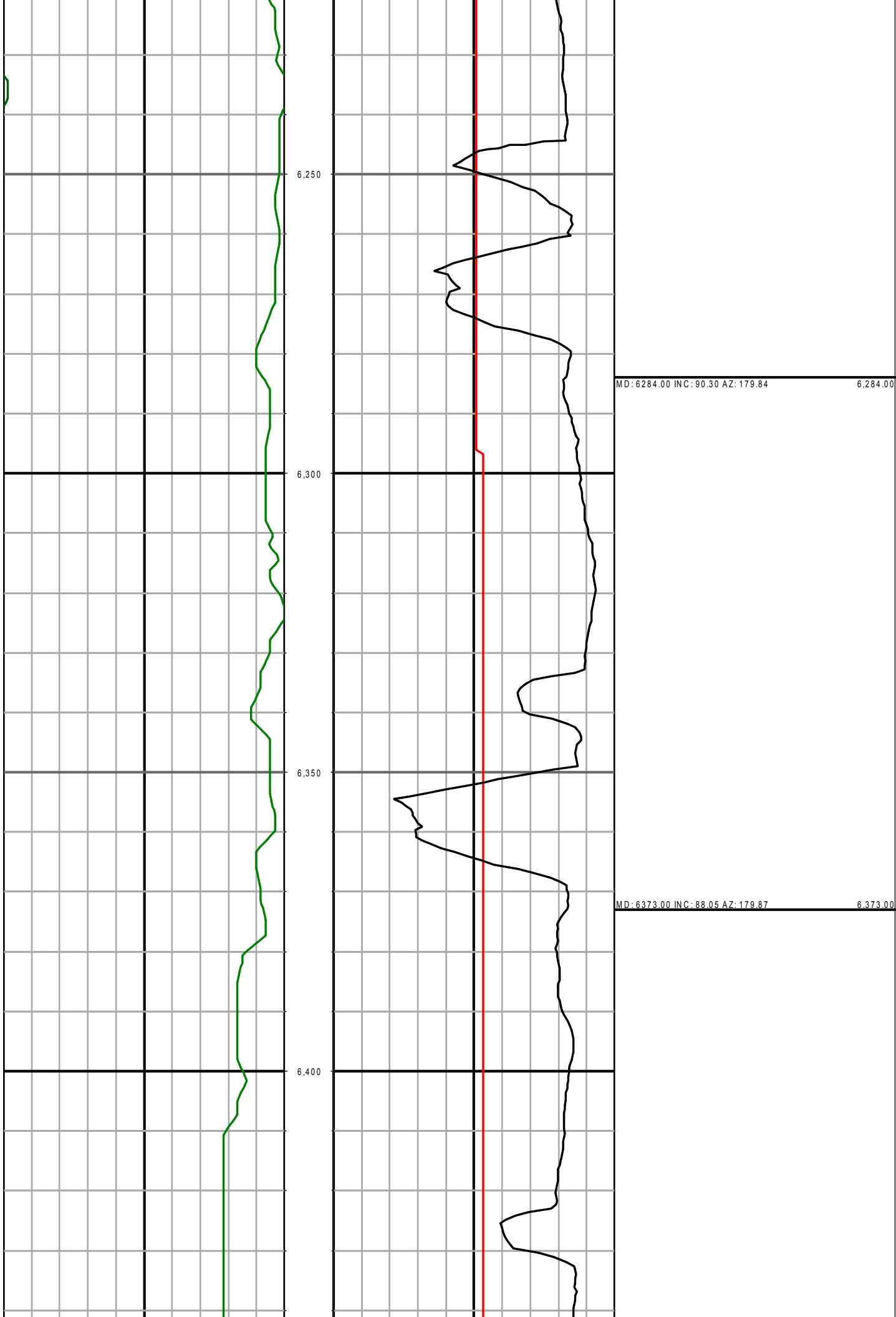


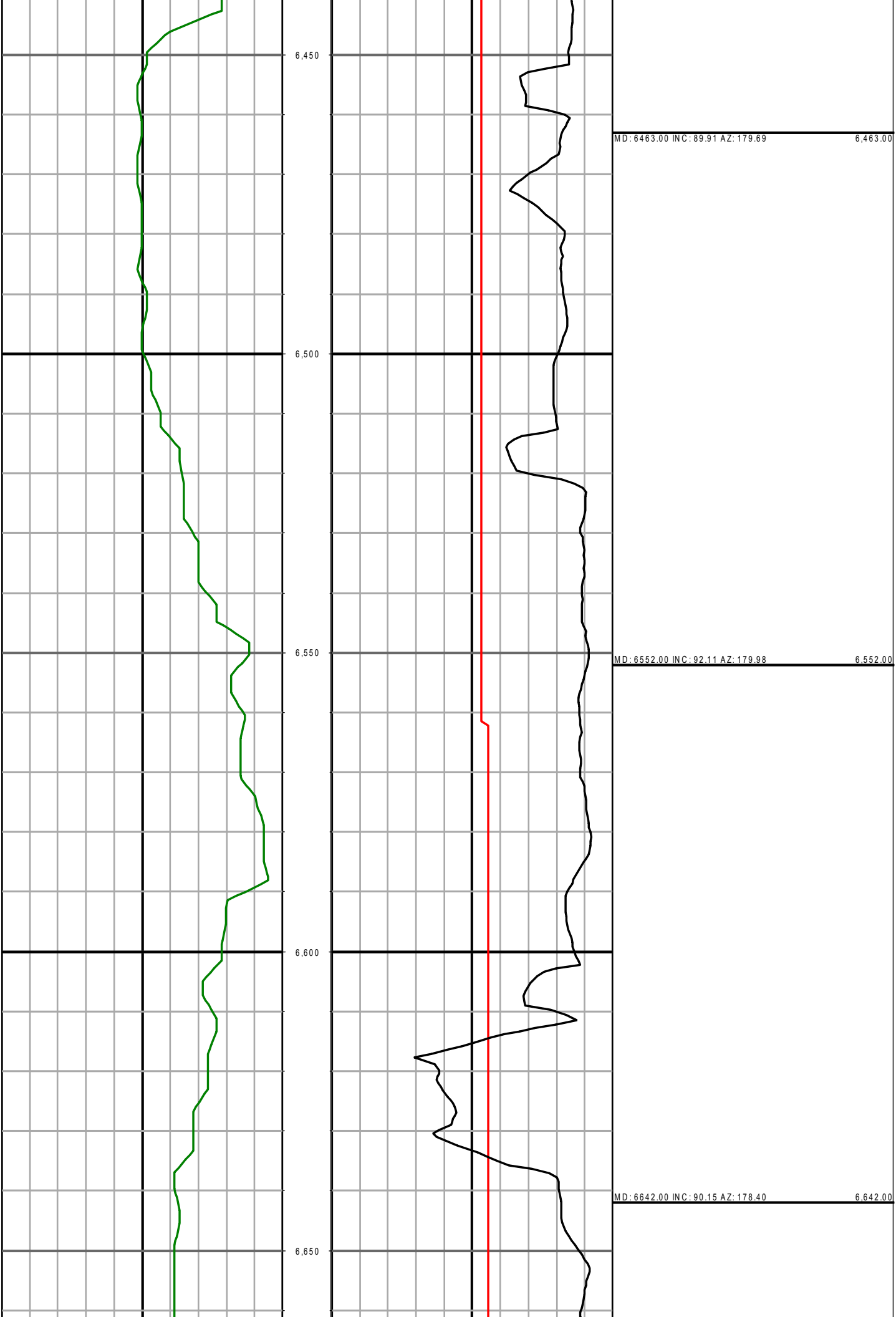




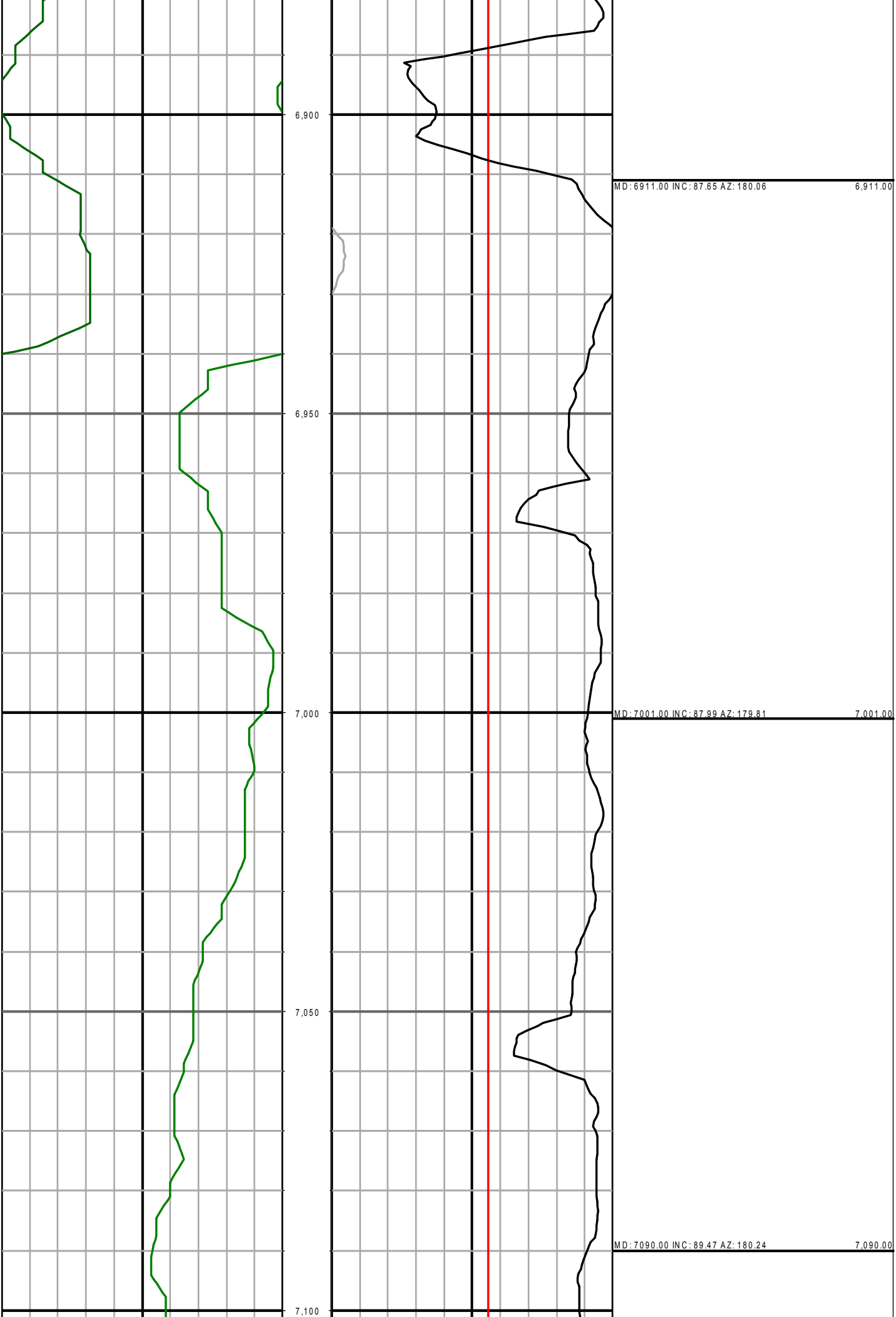
MD: 5785.00 INC: 71.38 AZ: 181.99	5,785.00
MD: 5816.00 INC: 72.62 AZ: 181.26	5,816.00
MD: 5846.00 INC: 75.12 AZ: 179.78	5,846.00
MD: 5877.00 INC: 77.19 AZ: 179.24	5,877.00
MD: 5908.00 INC: 79.74 AZ: 179.82	5,908.00
MD: 5943.00 INC: 84.97 AZ: 179.87	5,943.00

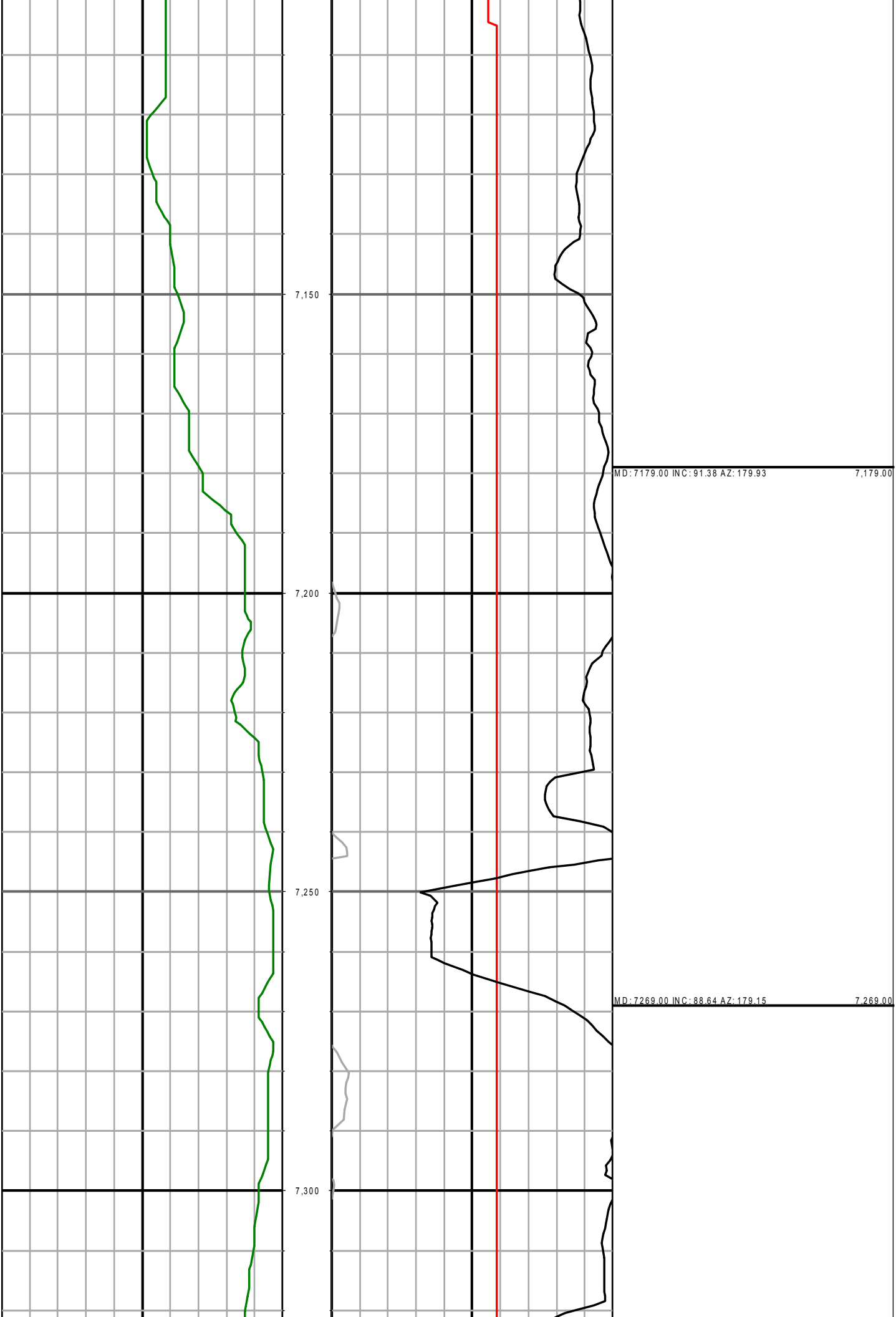




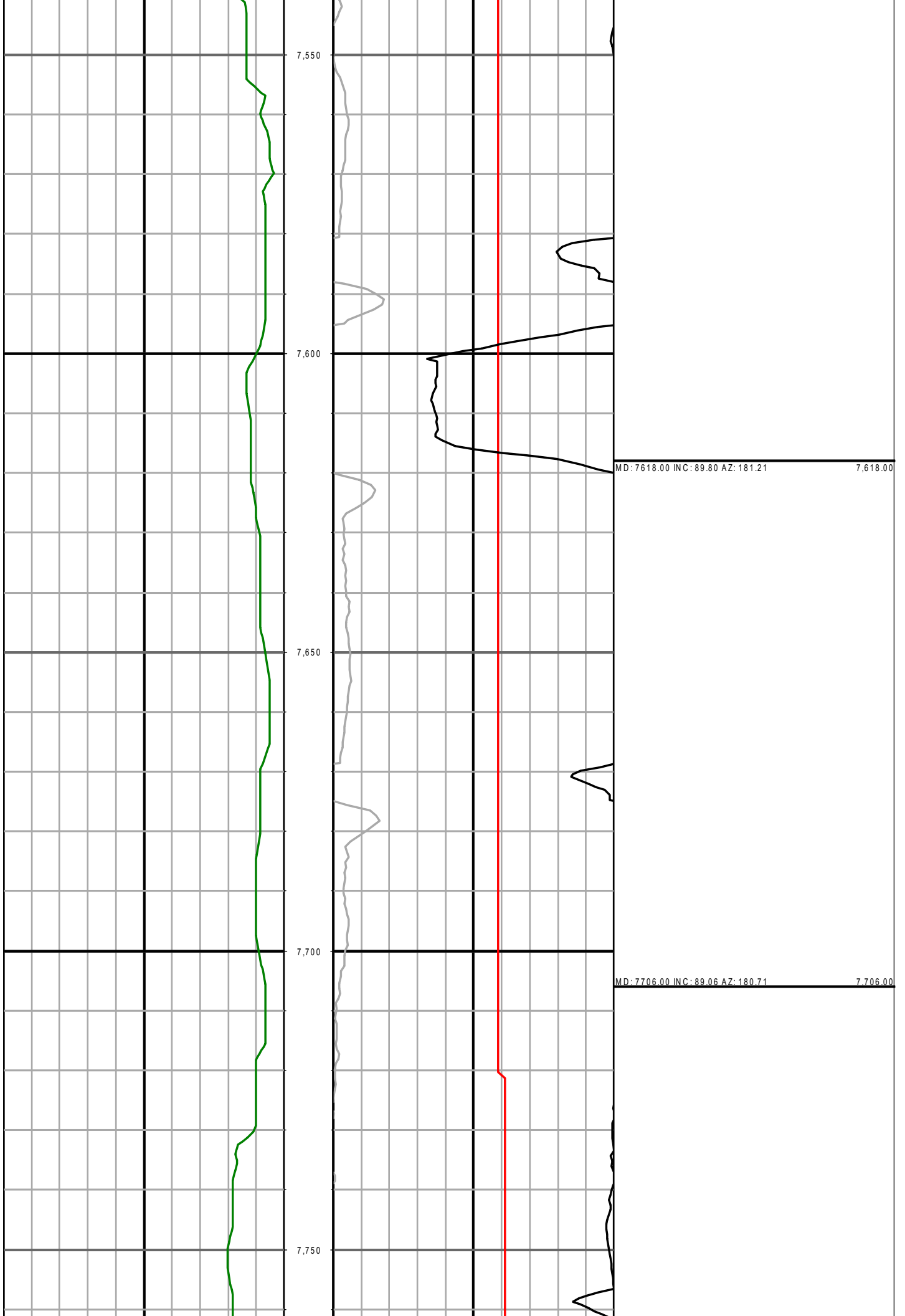


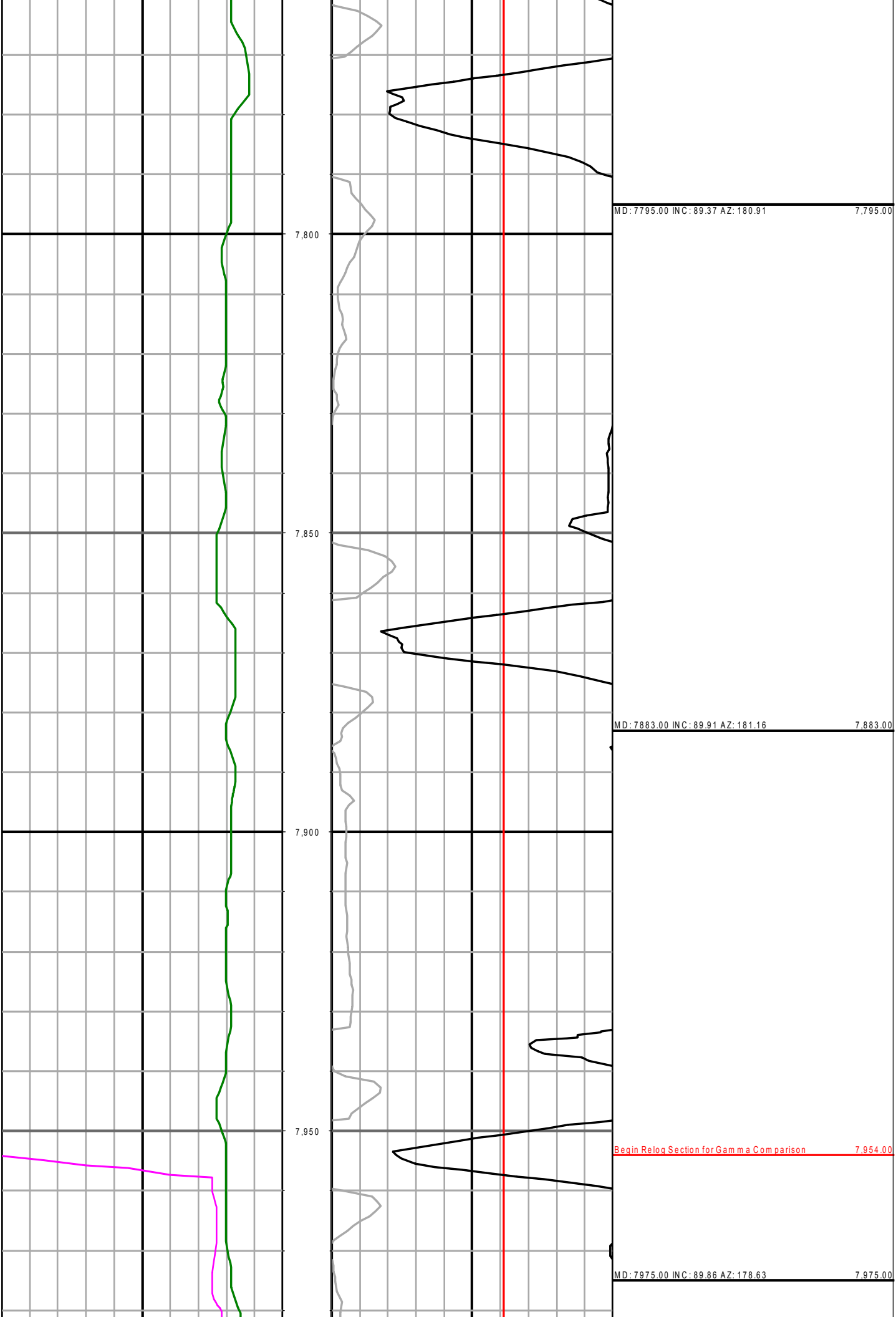


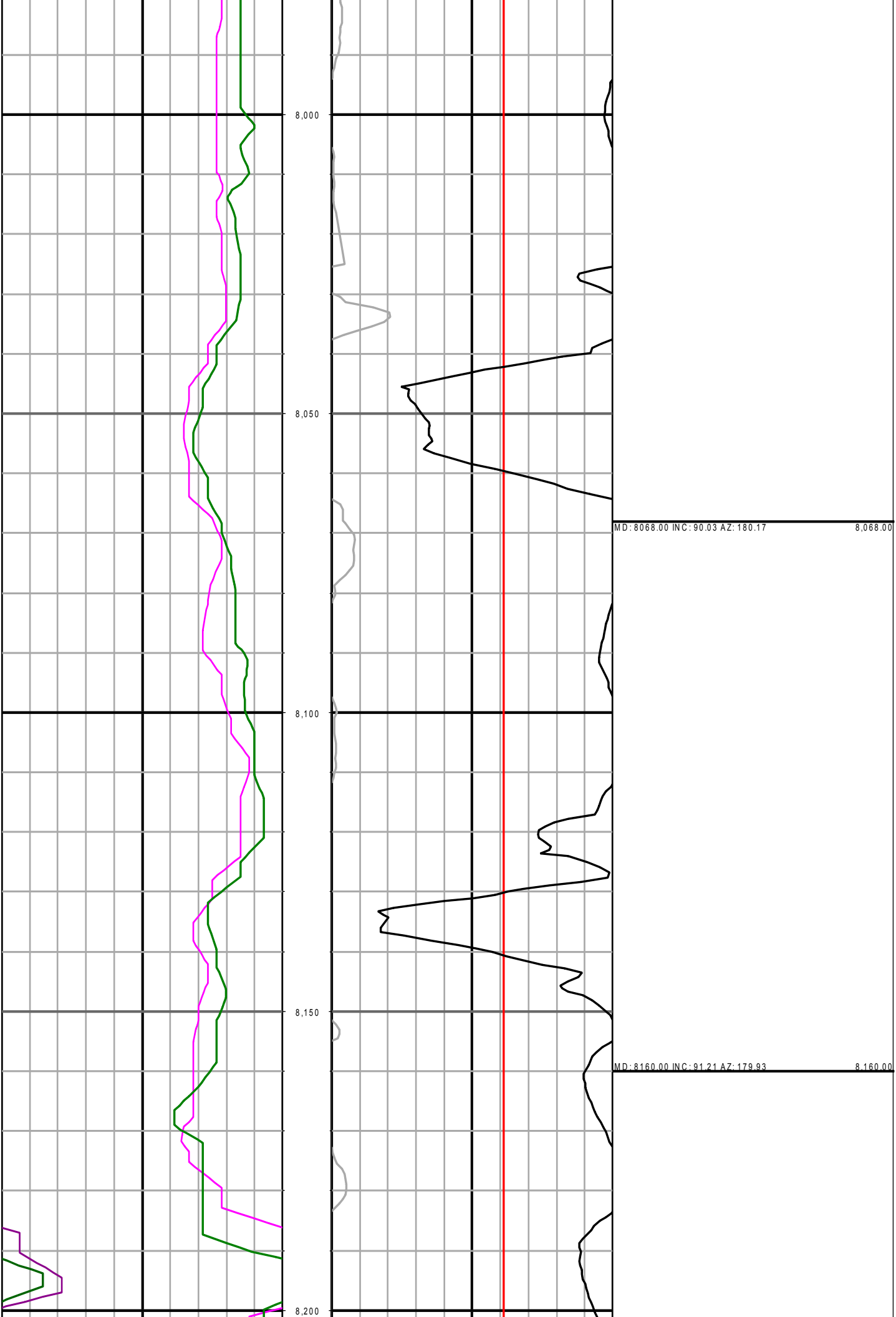


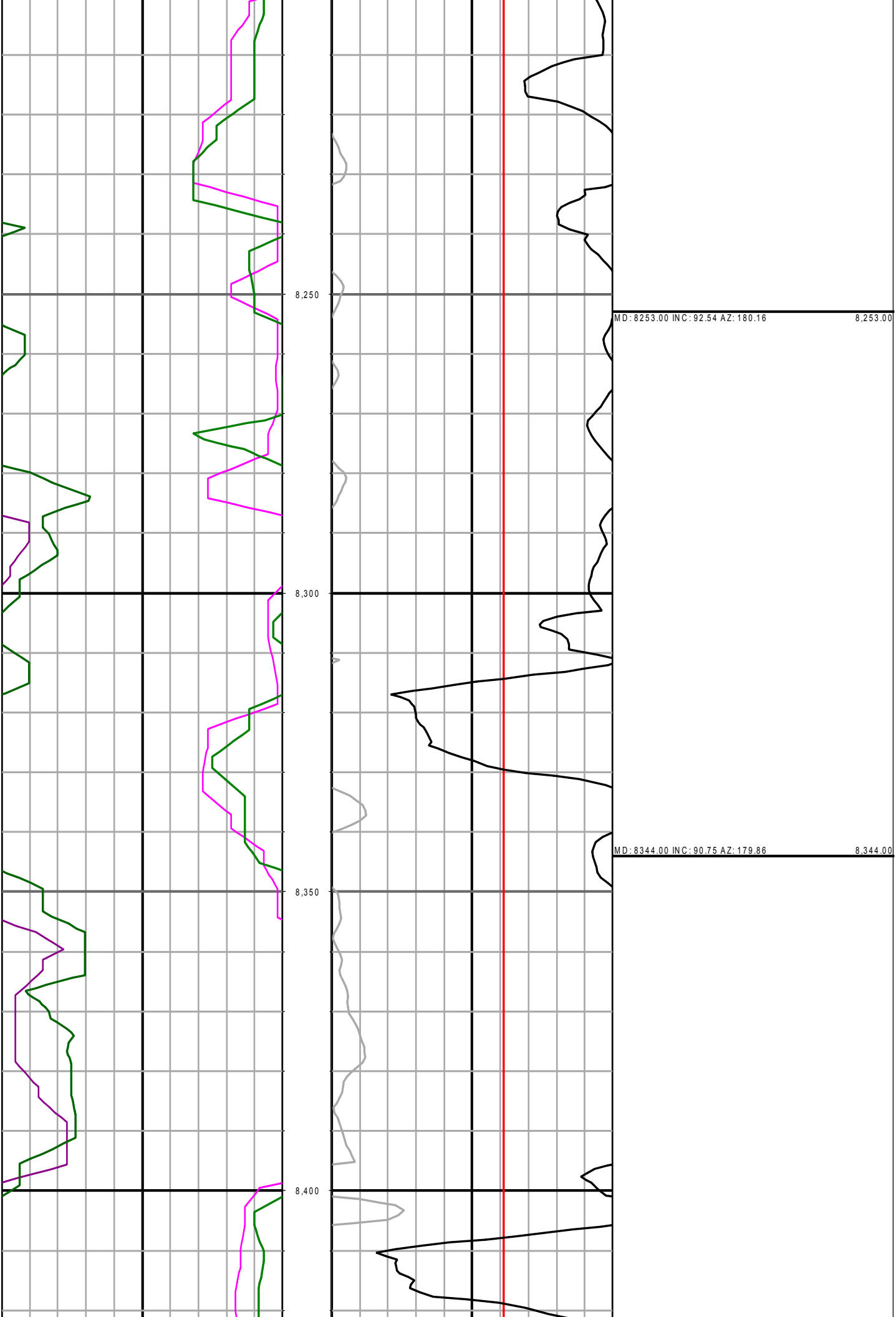


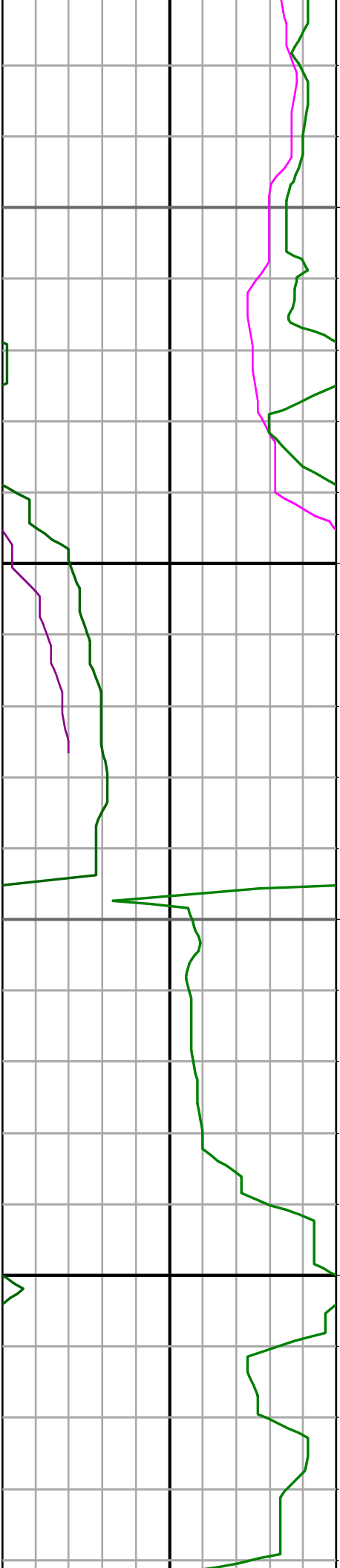












MD: 8436.00 INC: 88.74 AZ: 178.37

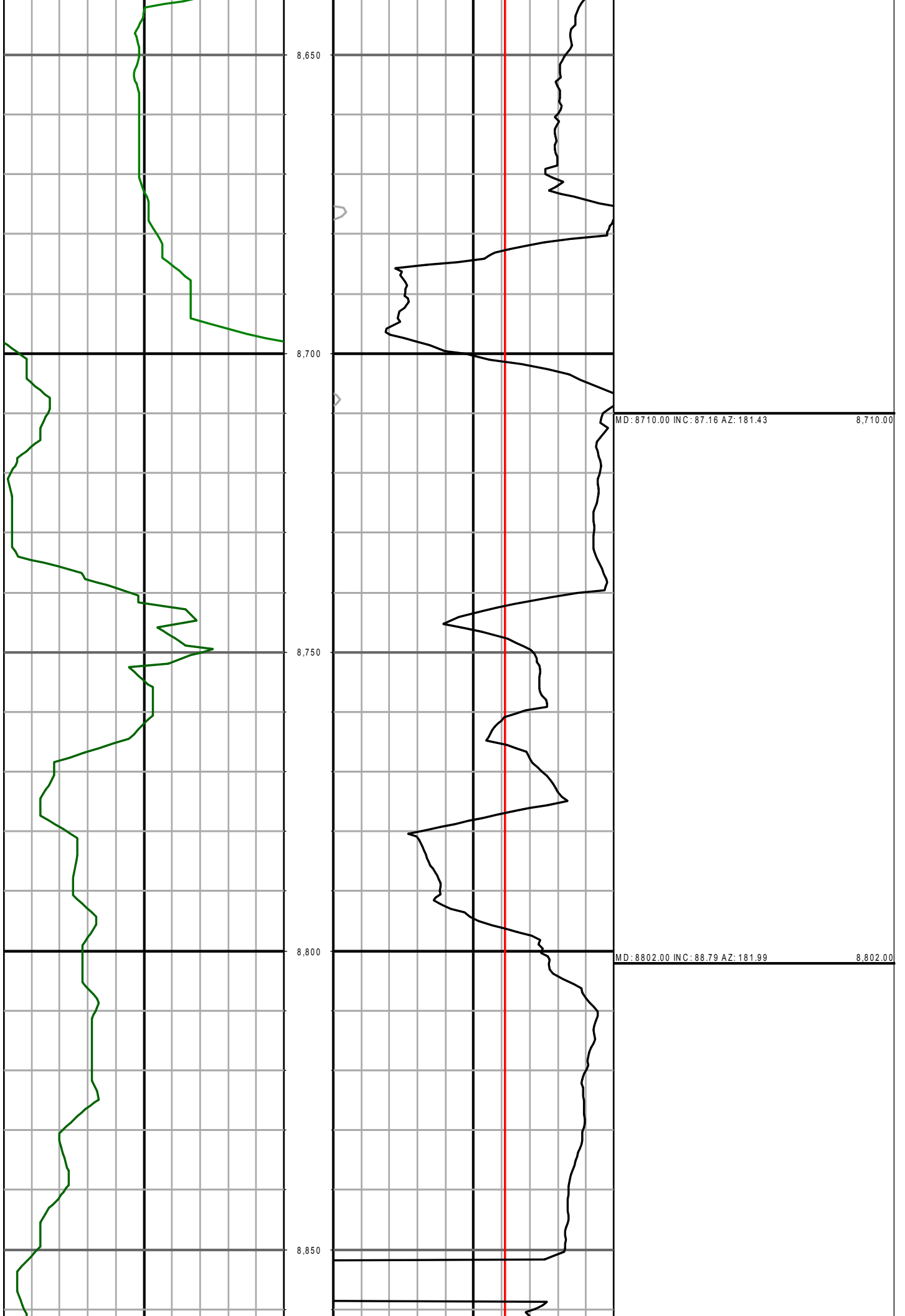
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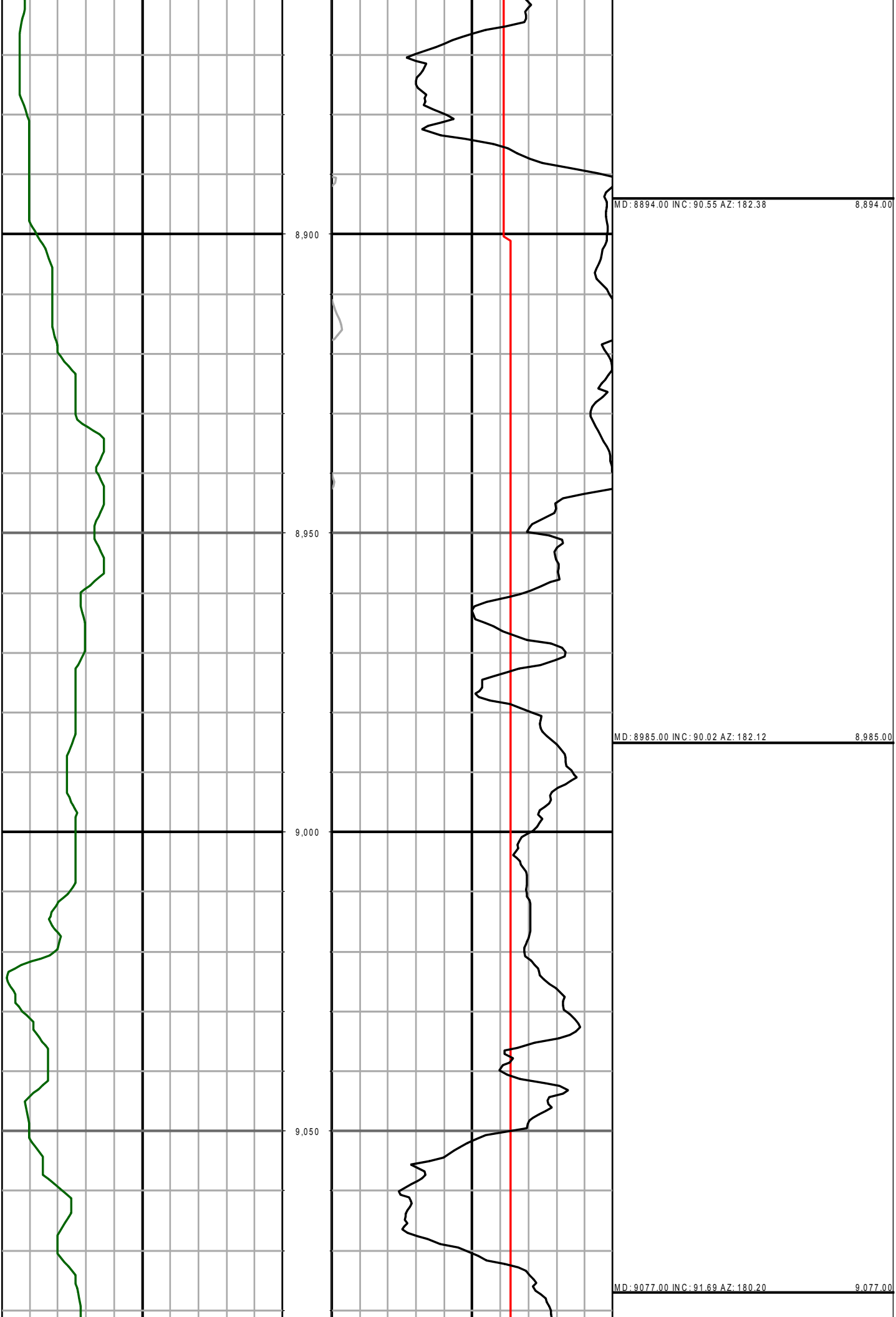
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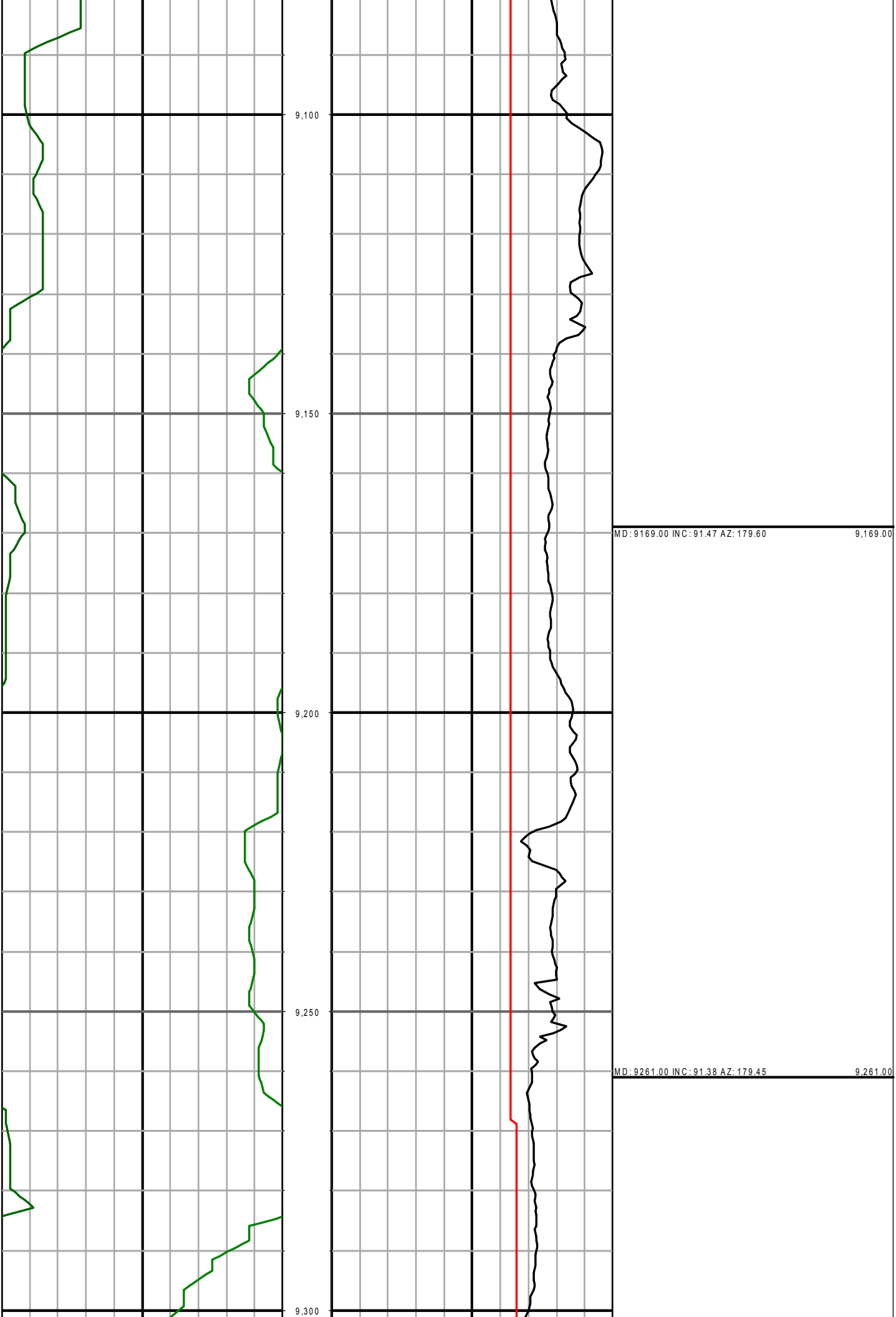
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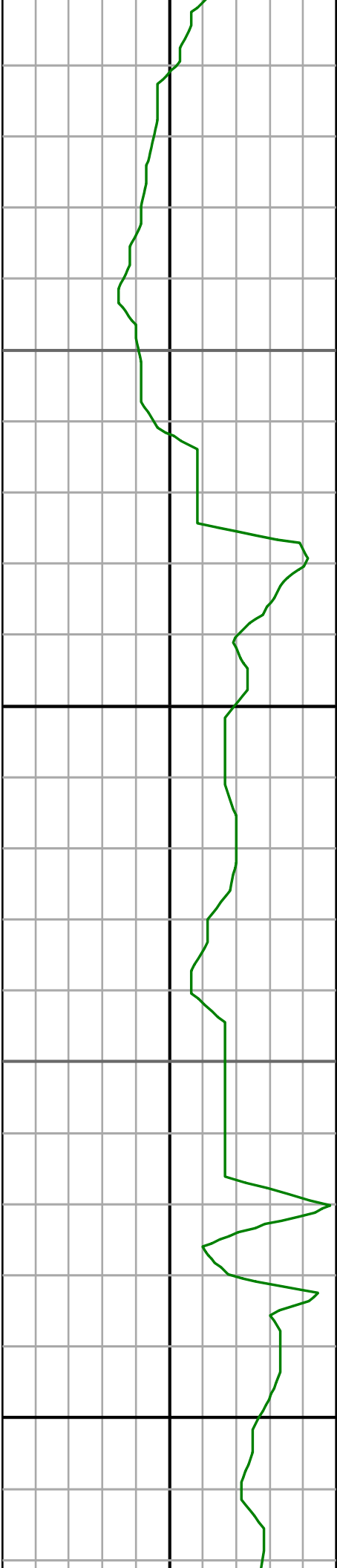
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8,619.00







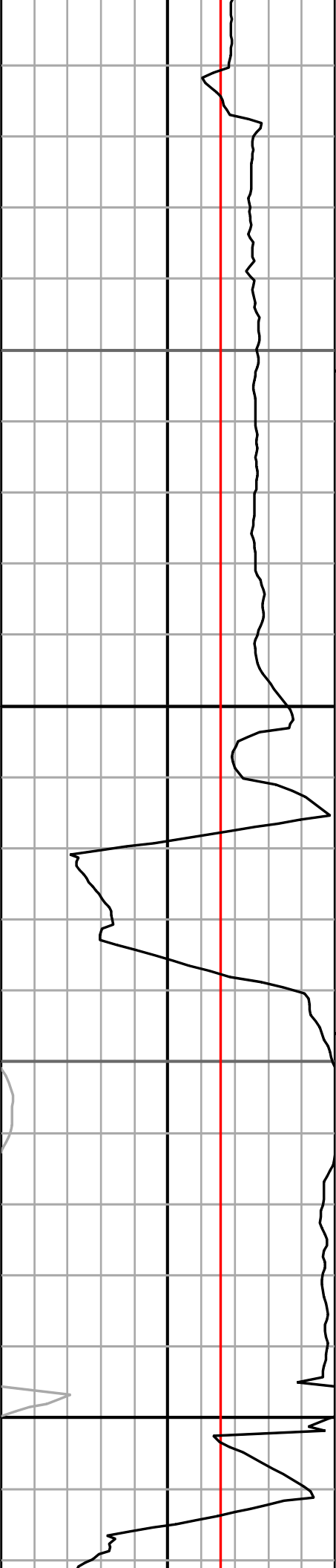


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9,400

9,450

9,500

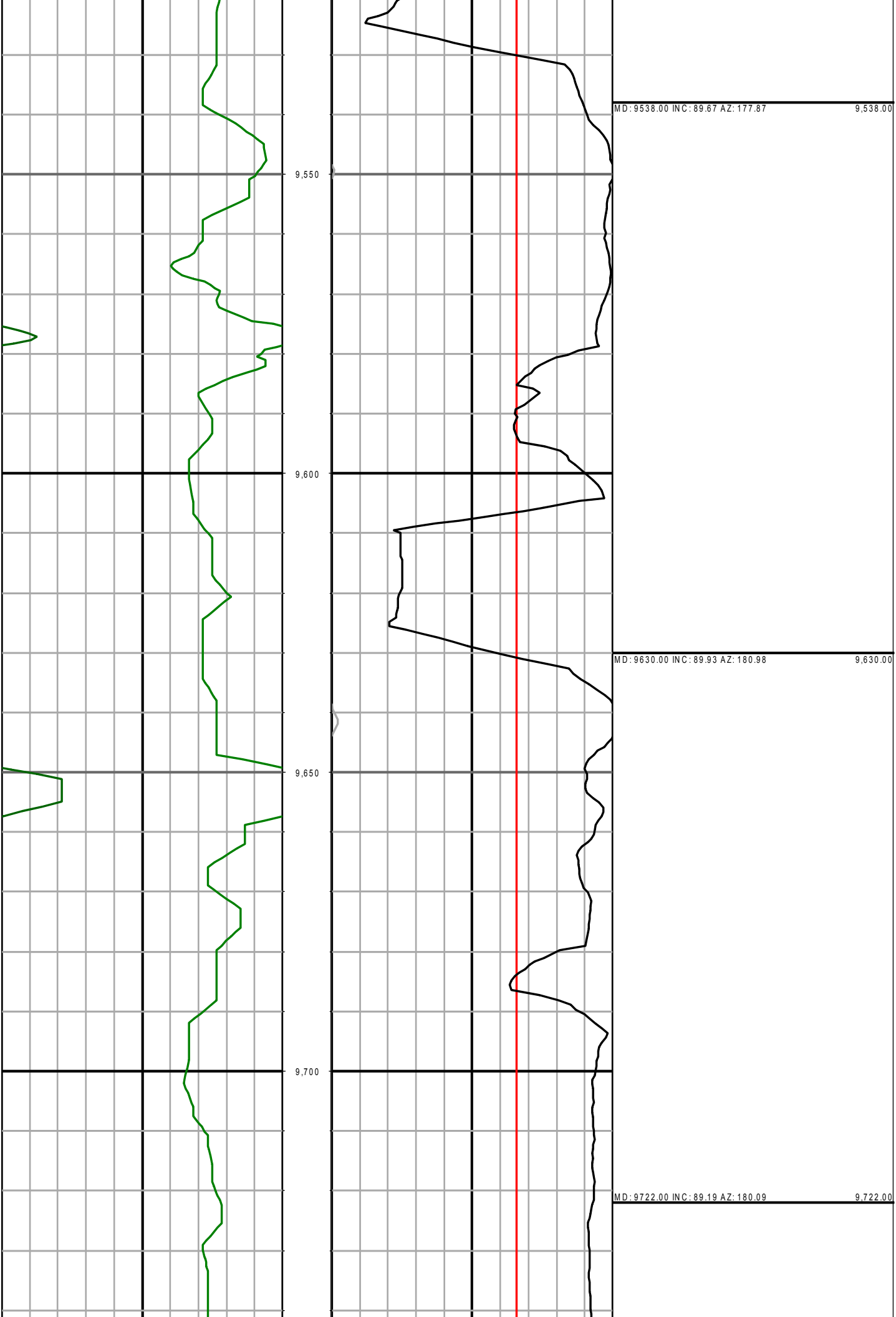


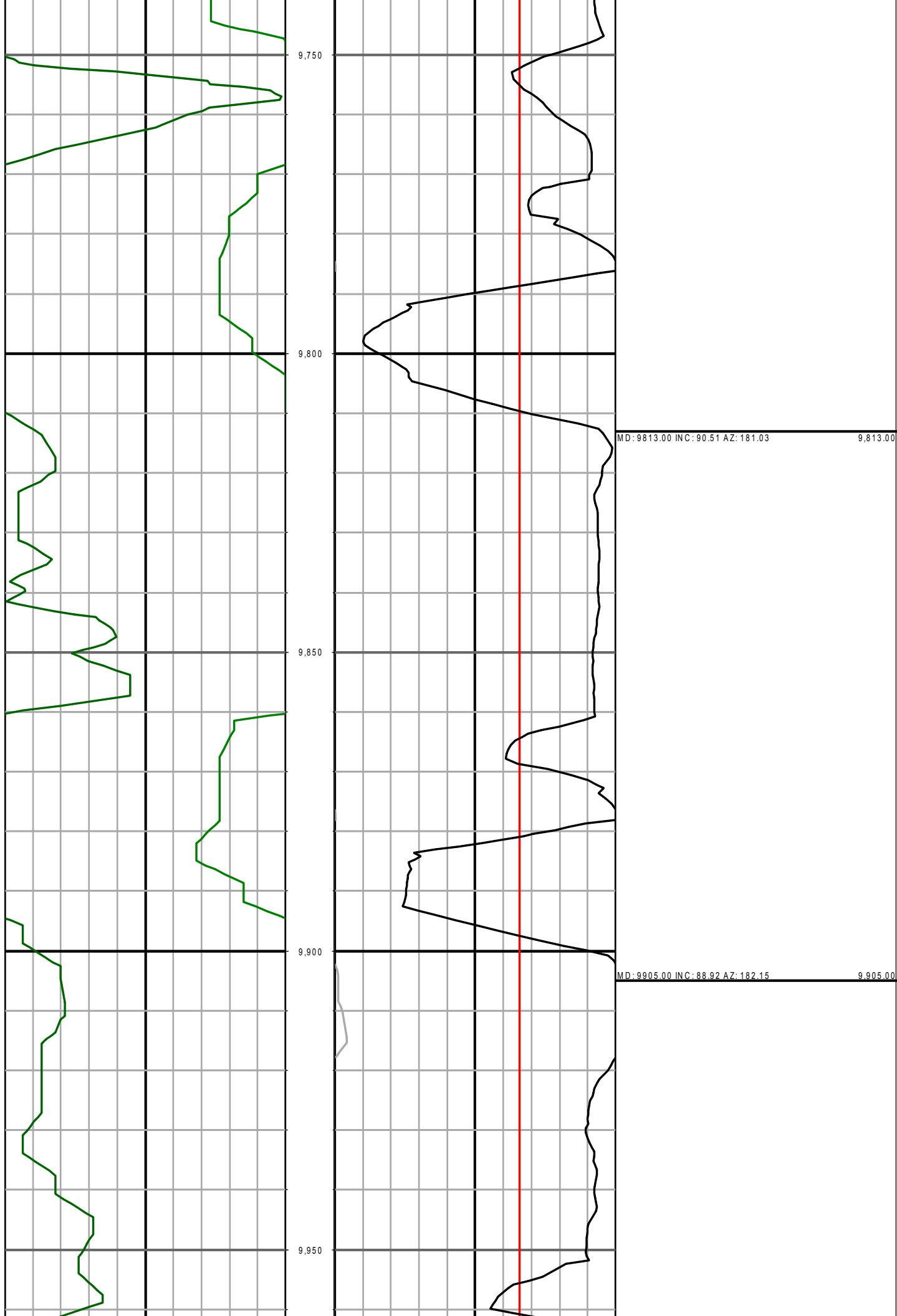
MD: 9353.00 INC: 89.89 AZ: 177.67

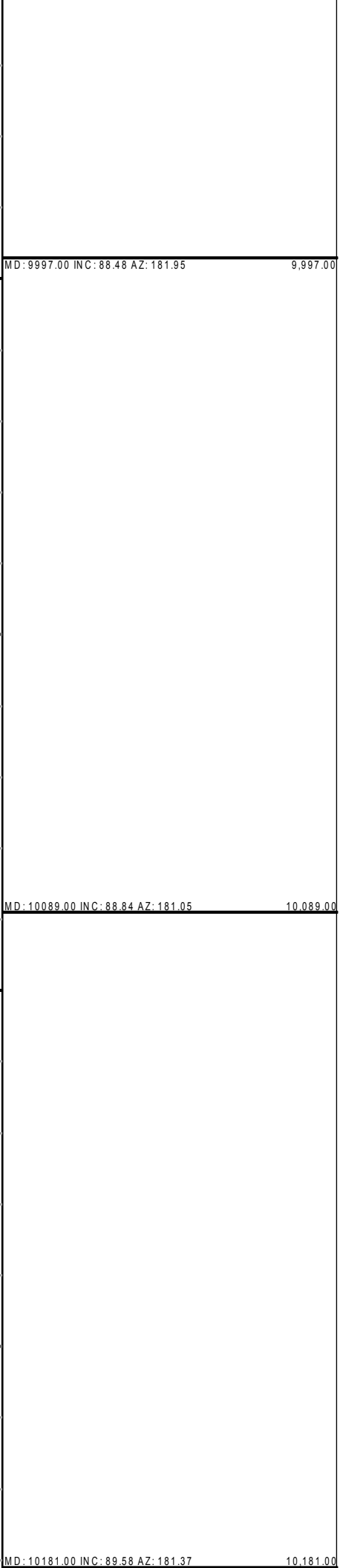
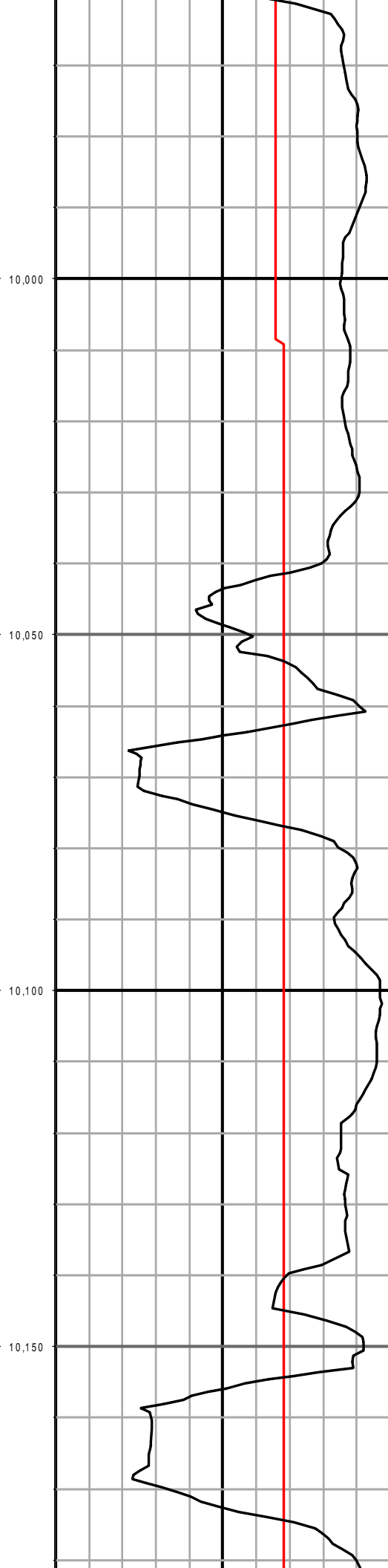
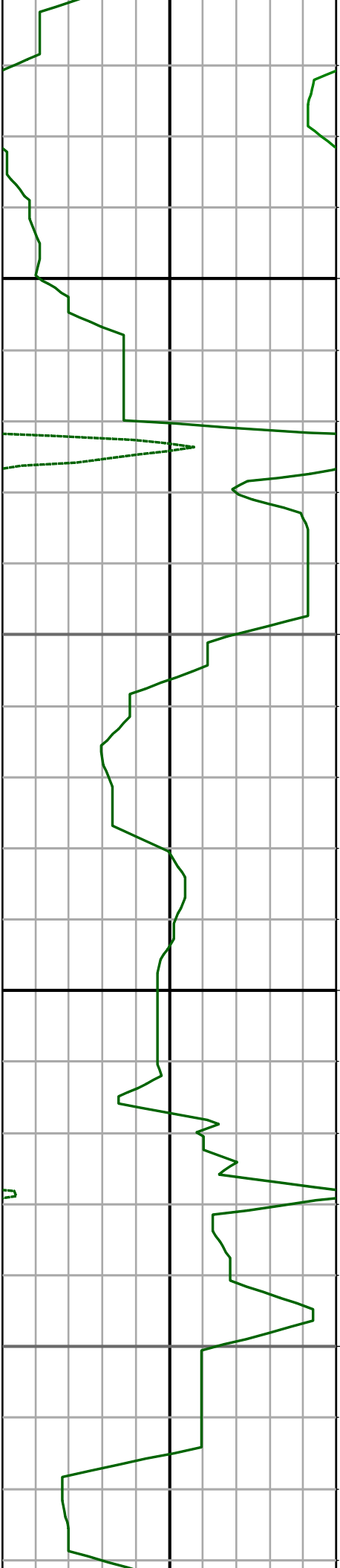
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MD: 9446.00 INC: 89.14 AZ: 178.97

9,446.00



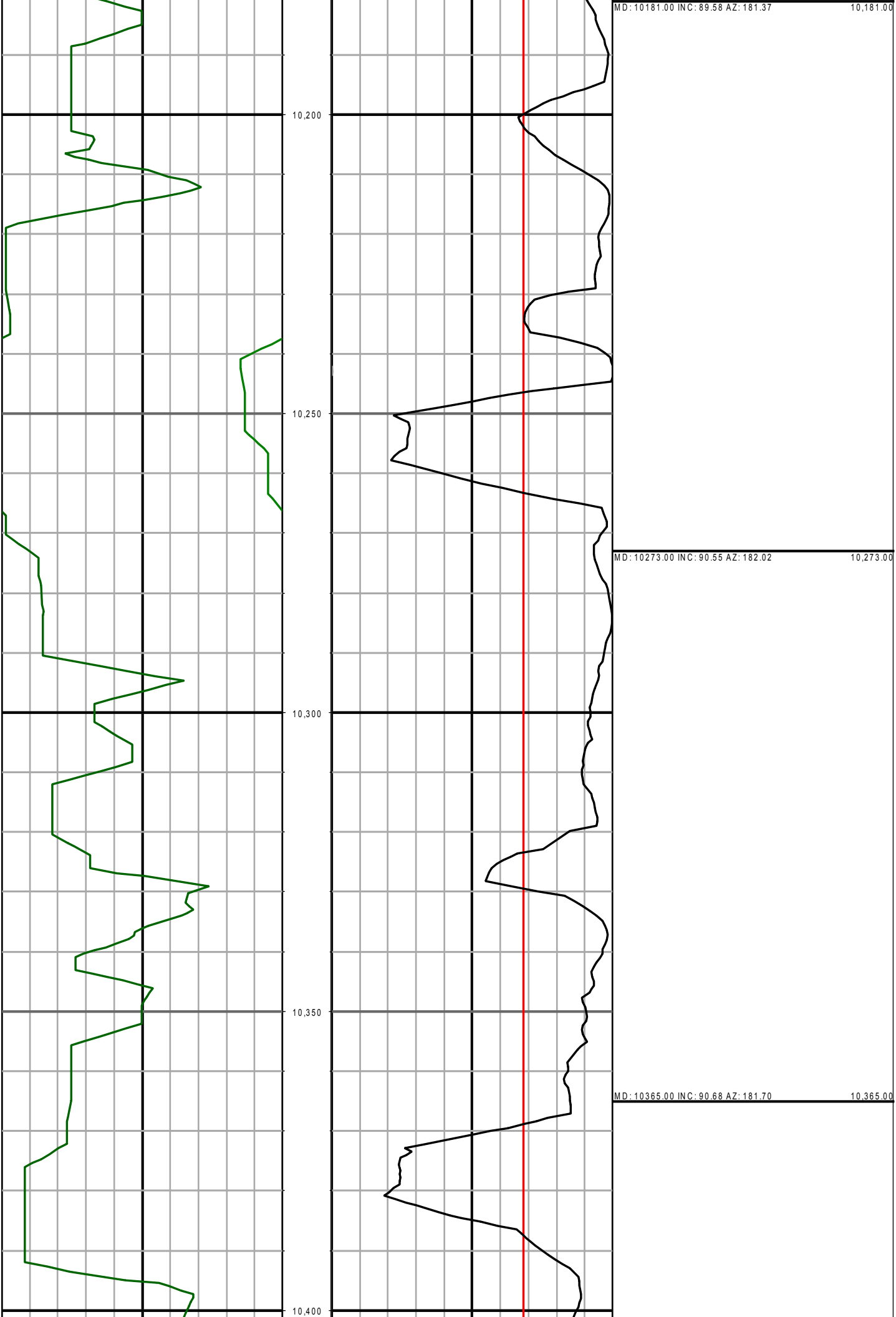


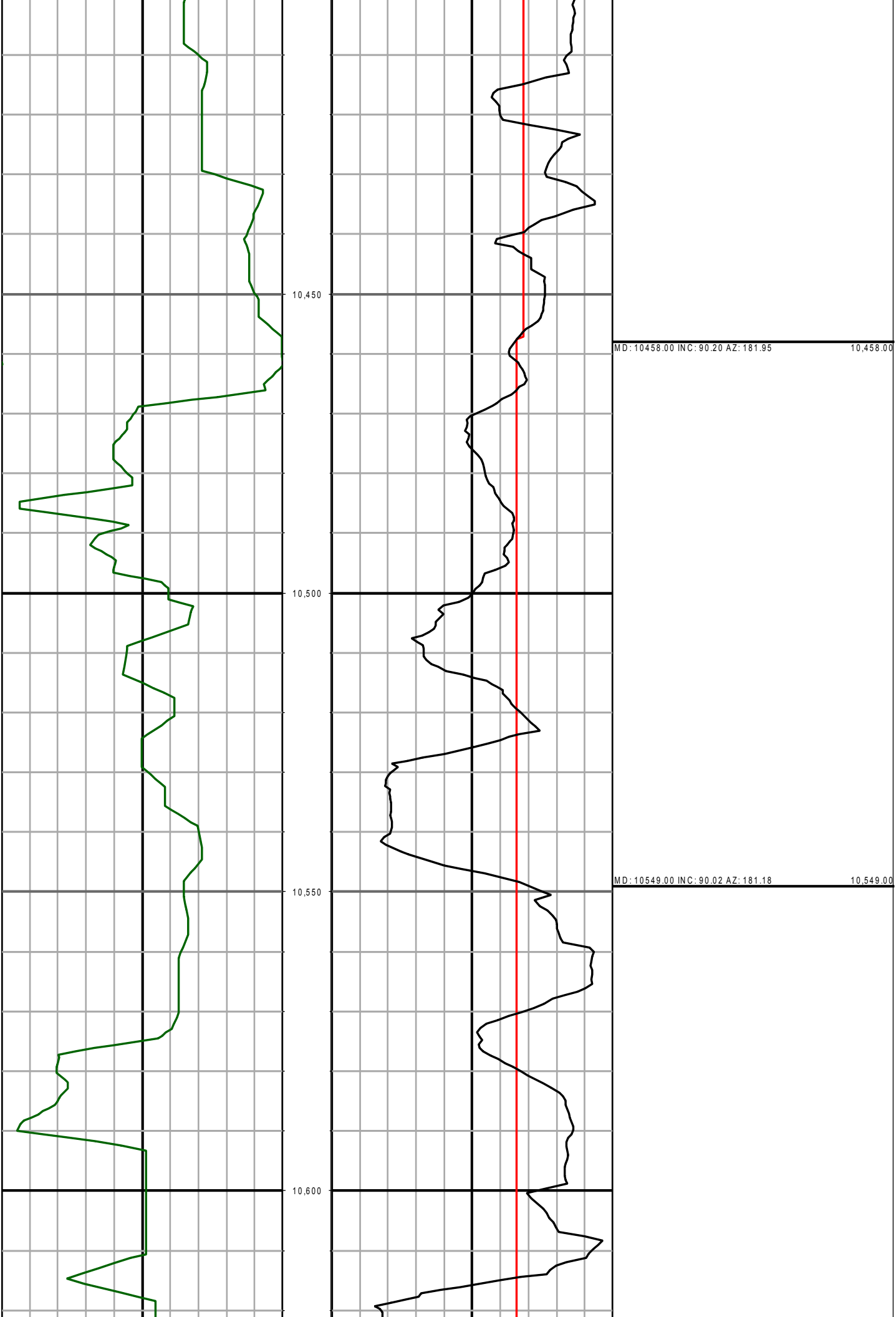


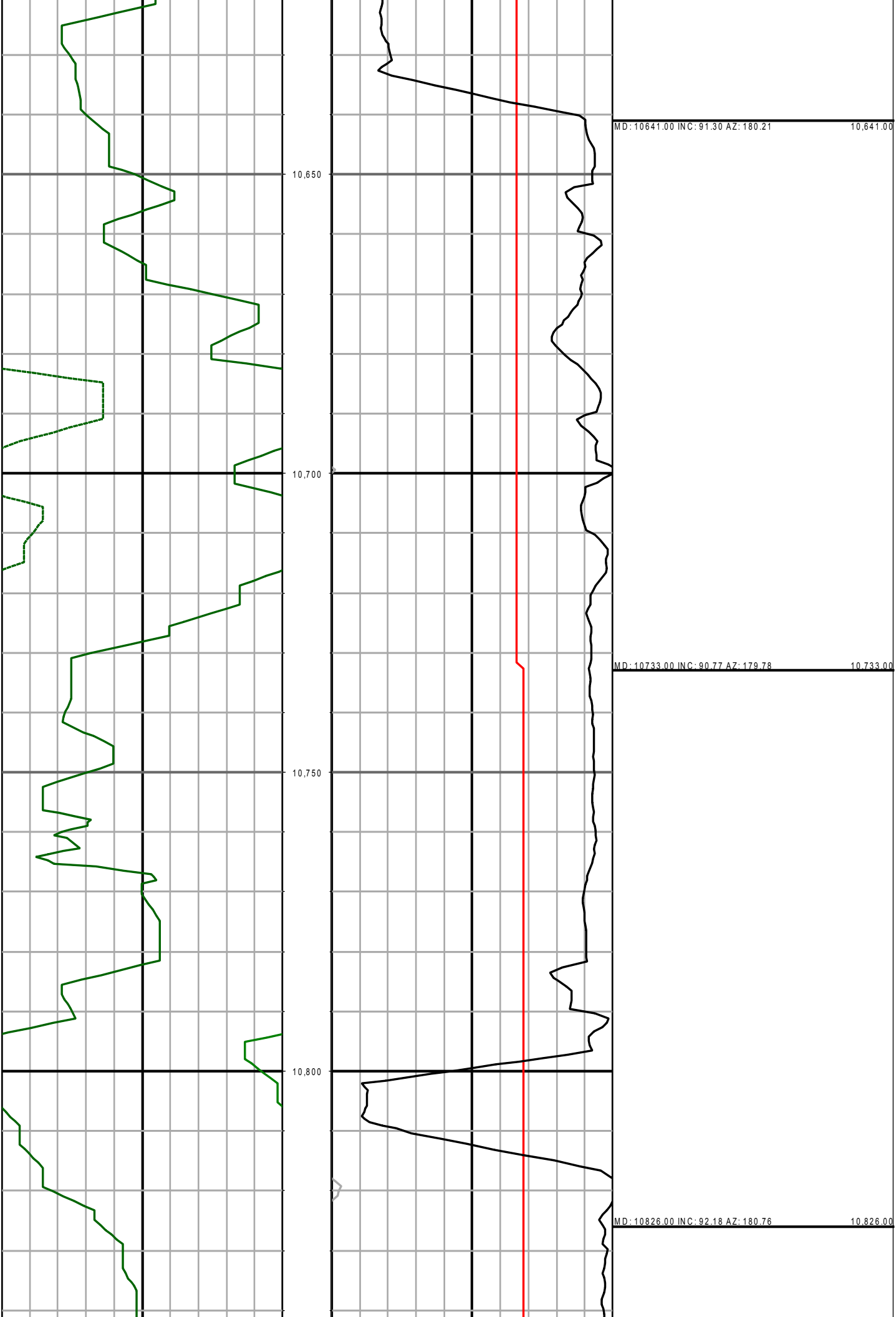
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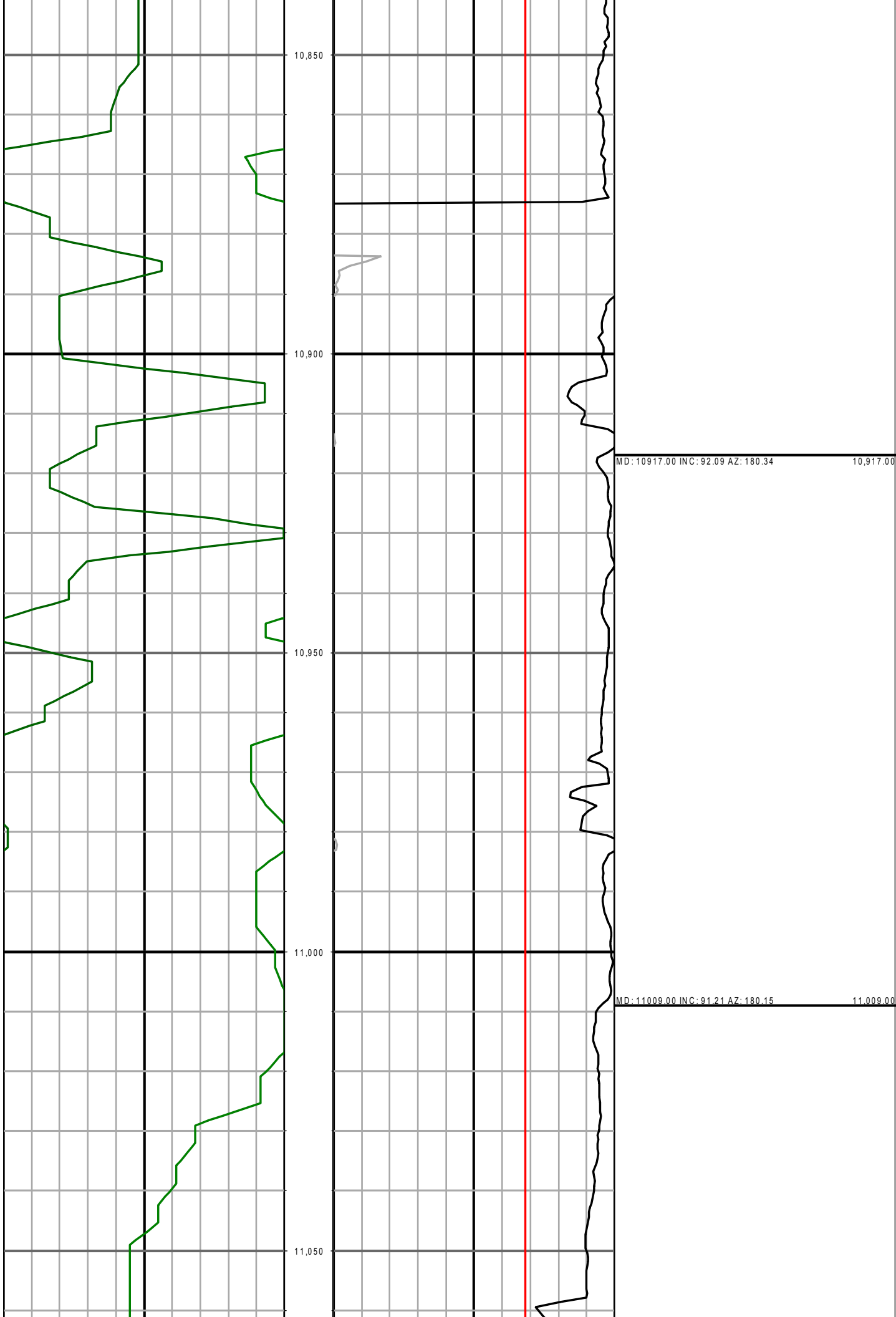
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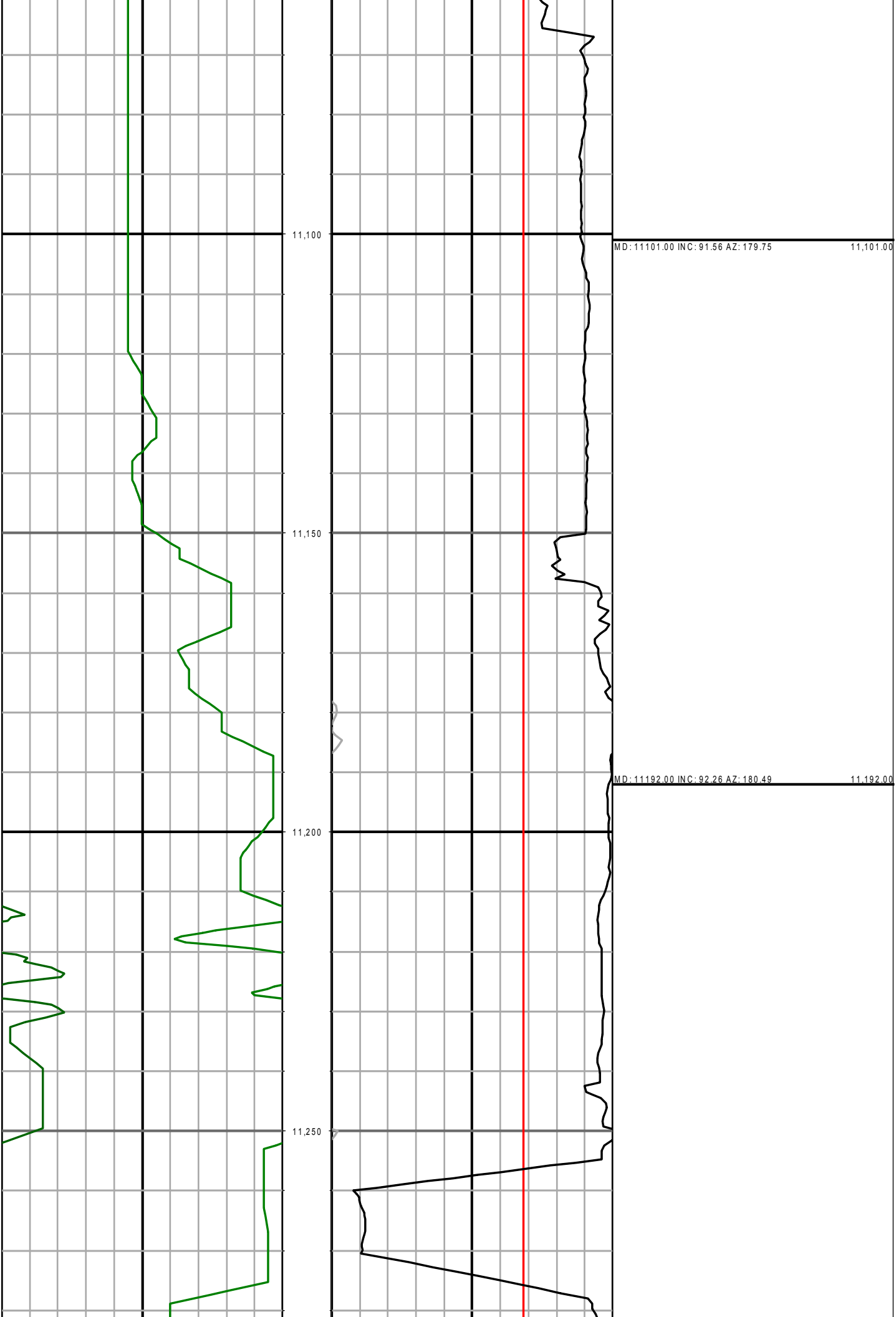
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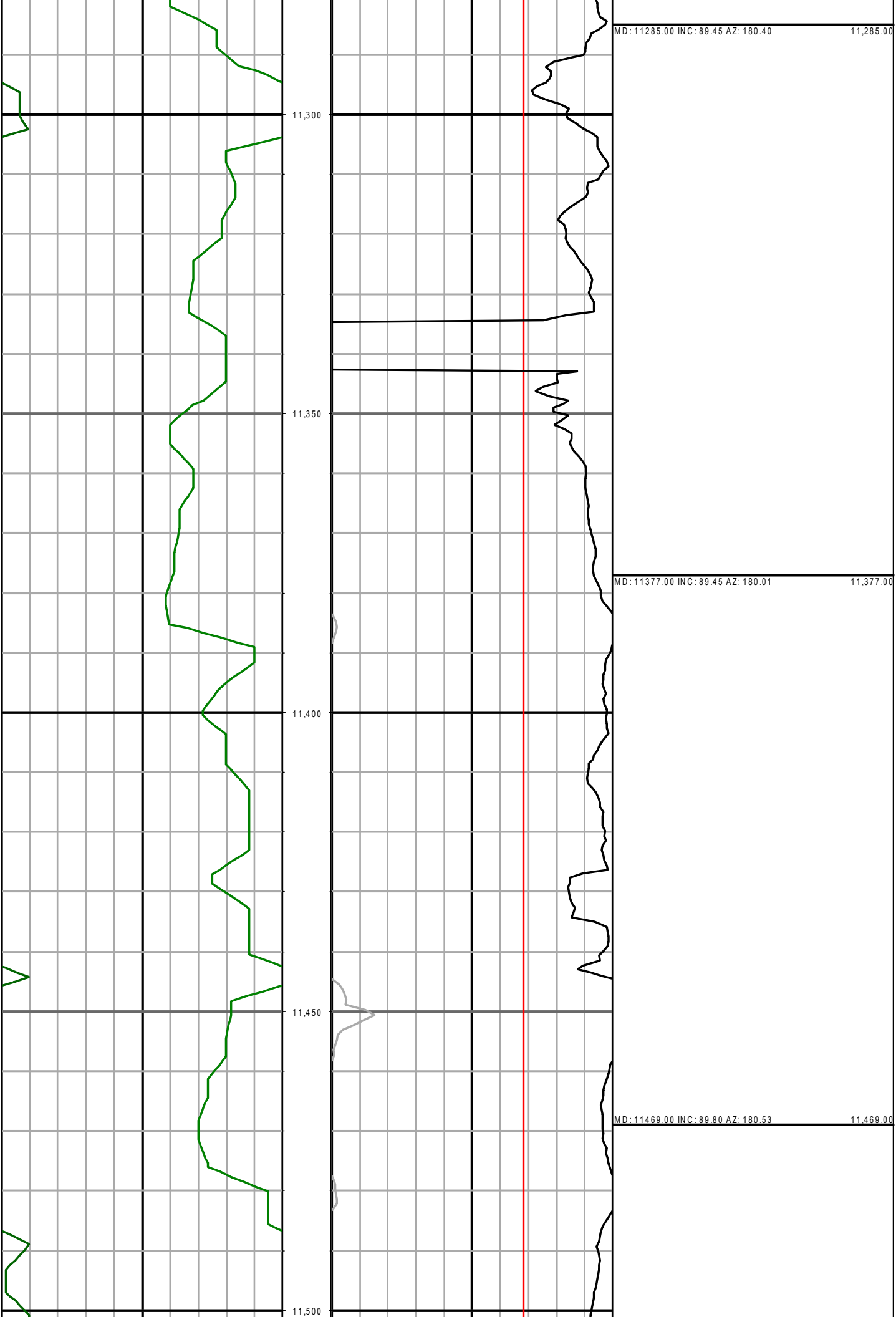


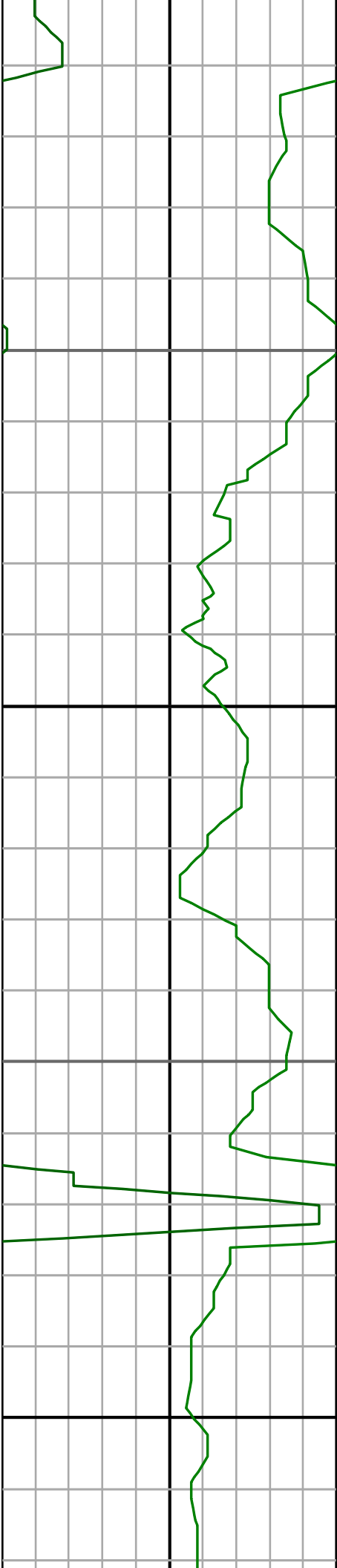












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11,650

11,700

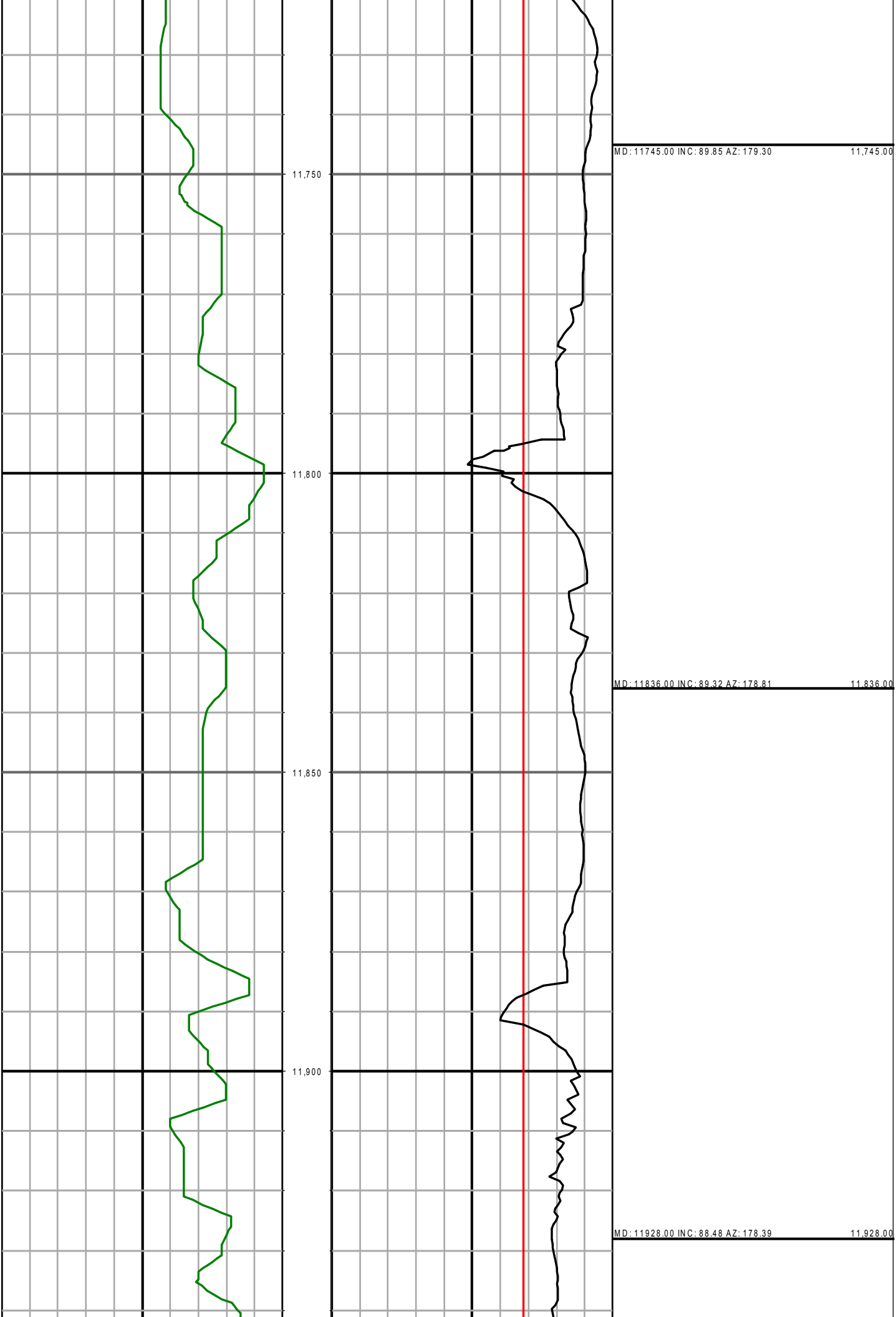


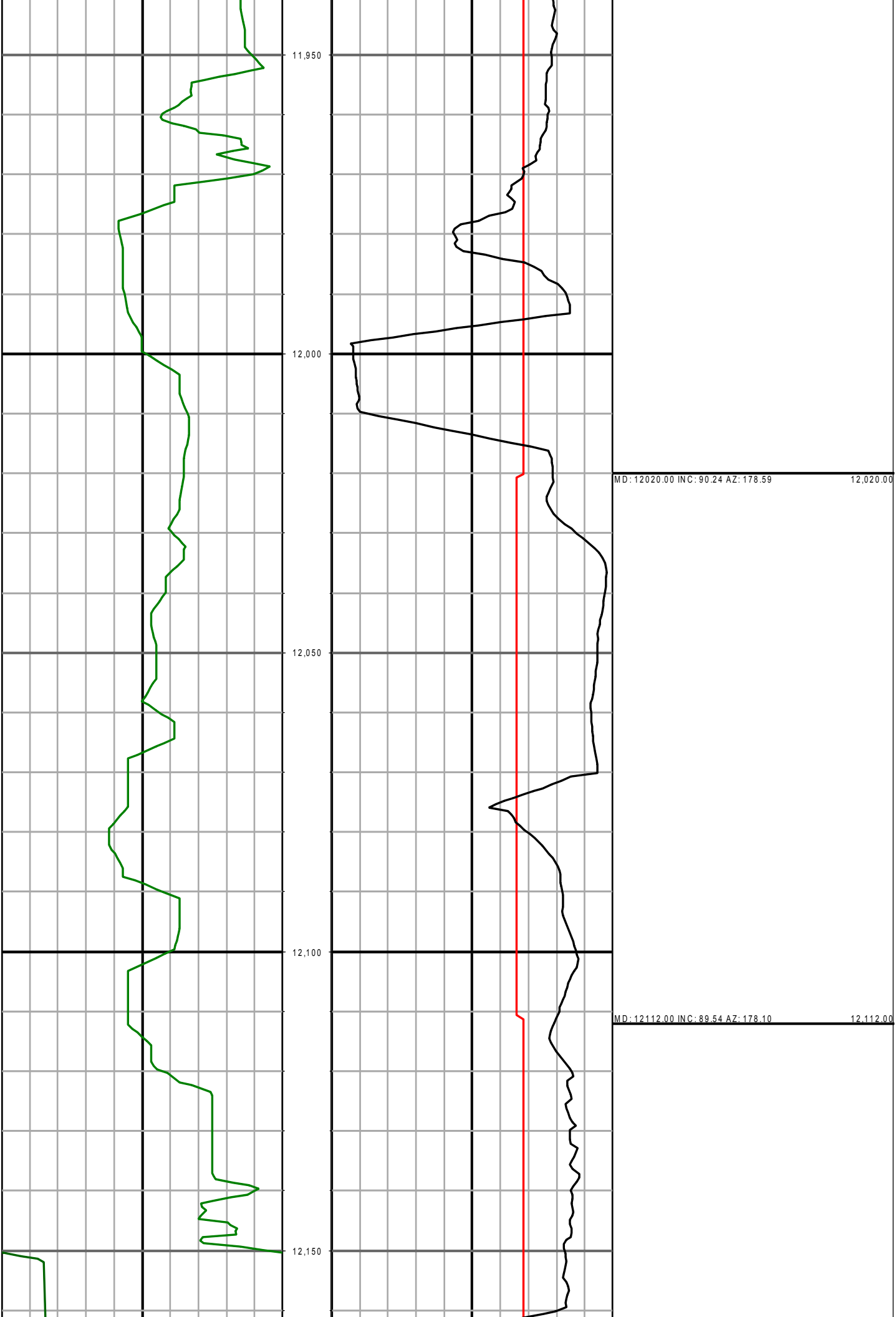
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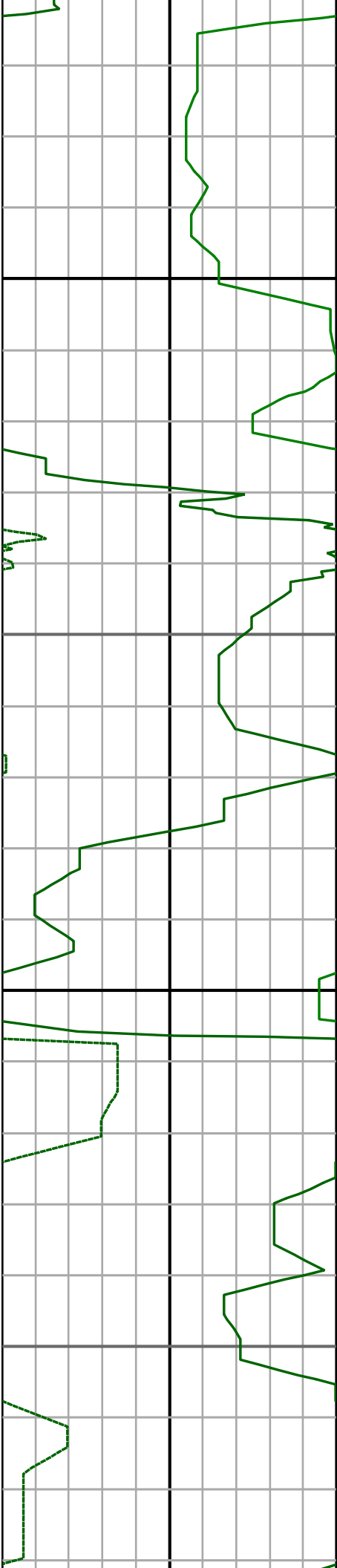
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MD: 11654.00 INC: 90.02 AZ: 179.47

11,654.00





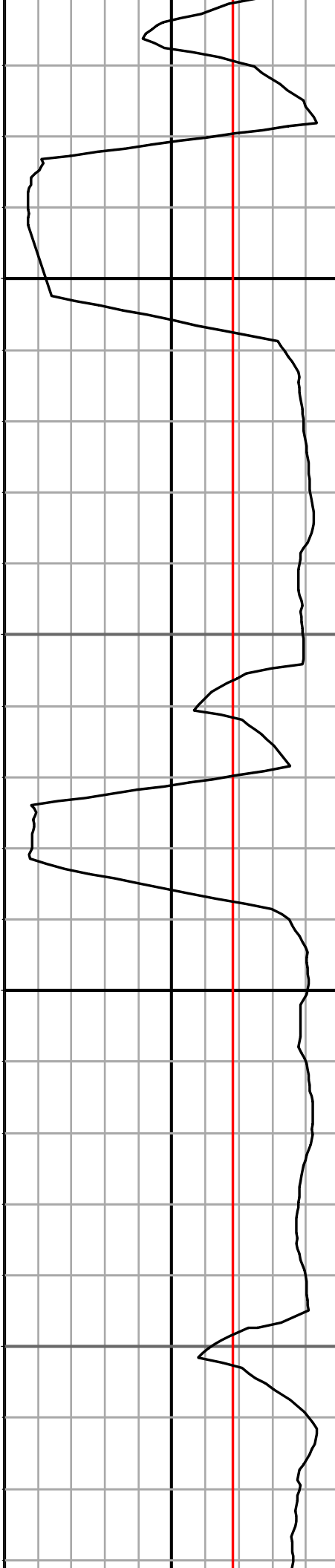


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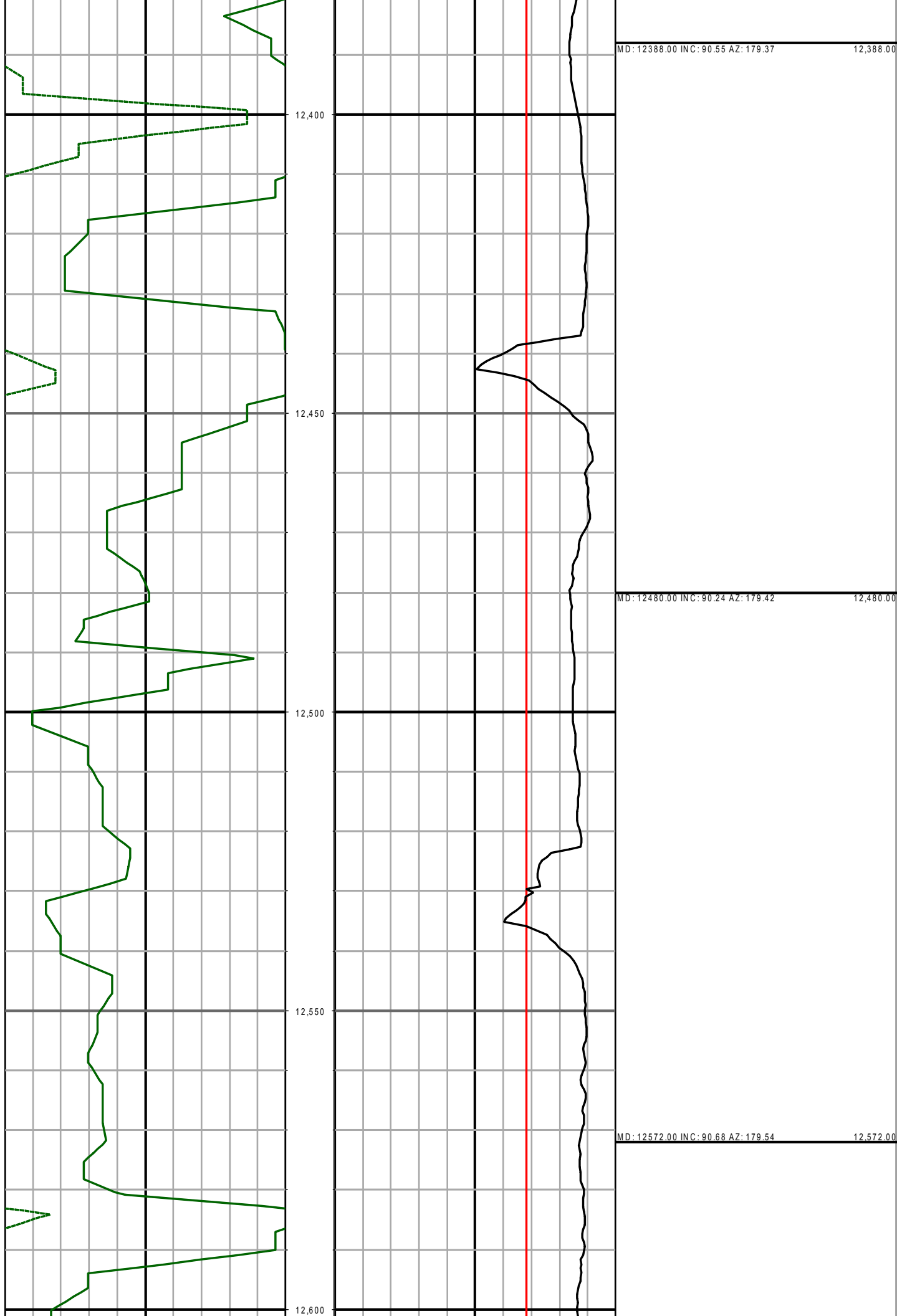


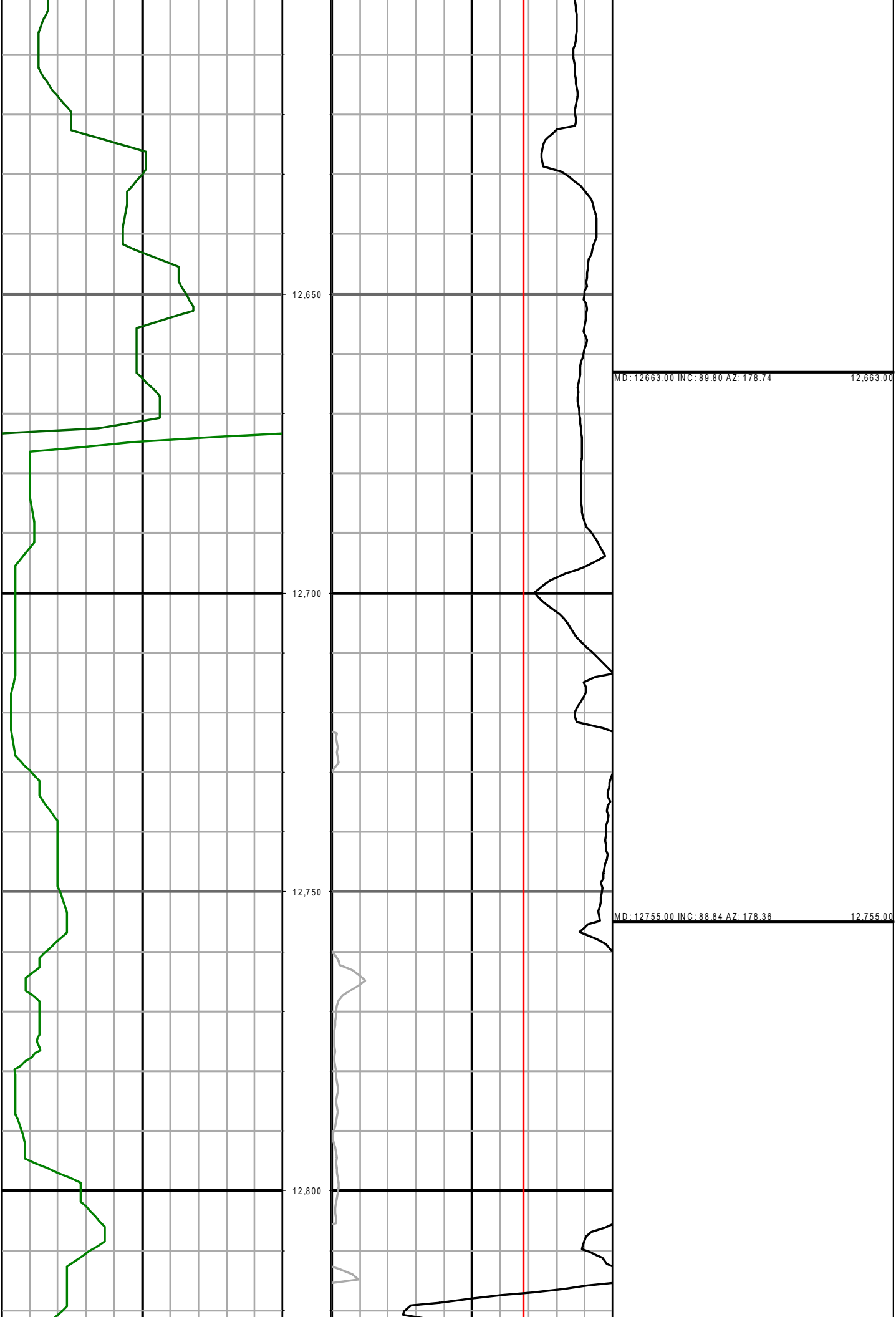
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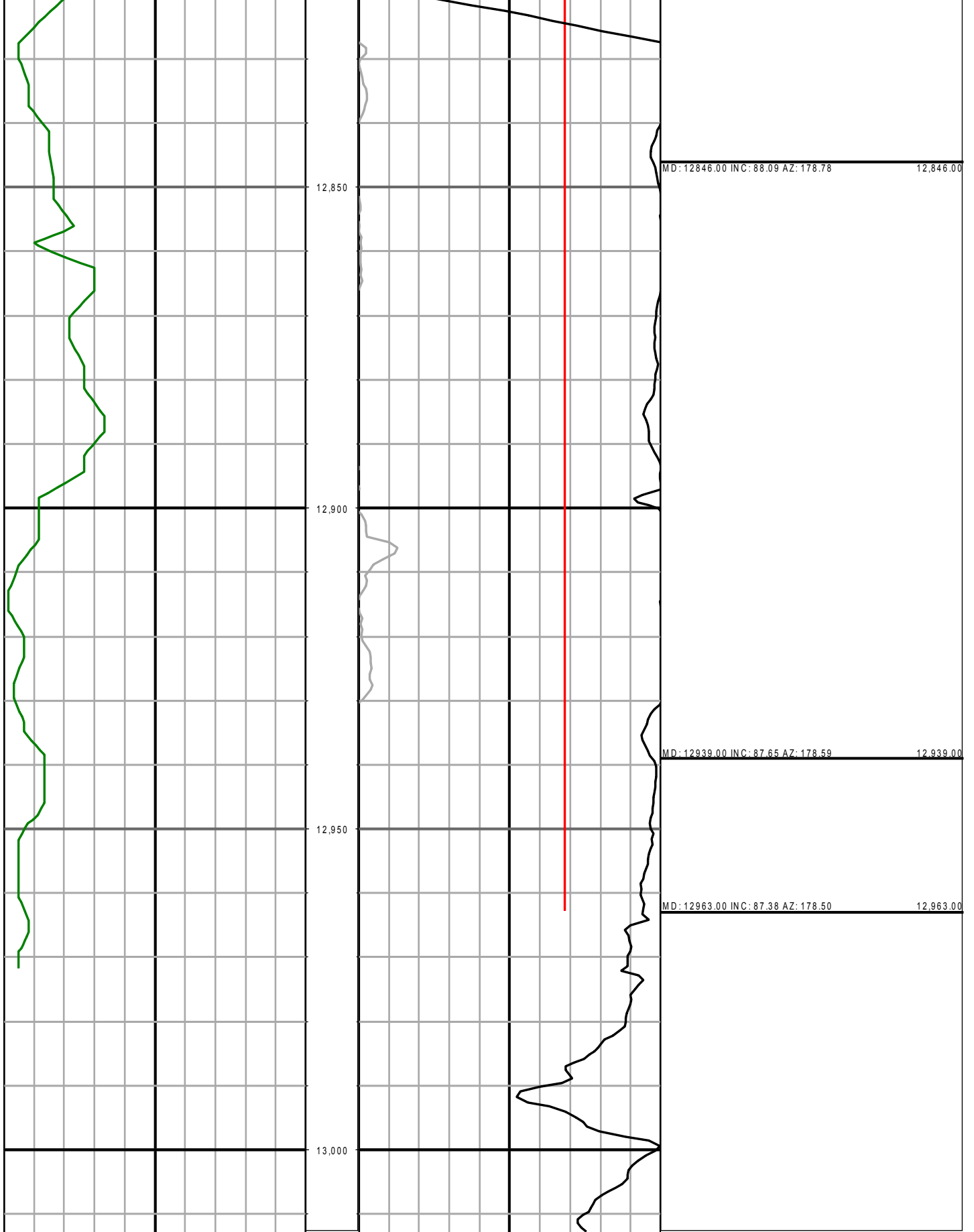
12,204.00

MD: 12296.00 INC: 90.51 AZ: 179.85

12,296.00







0.00 GR(API) 150.00			MD 0.00 ROP(FT/HR) 300.00			Annotations		
150.00	2	300.00	FT	2	600.00	Surveys (MD/INC/AZ)		
300.00	3	450.00						
0.00 GR Relog Section(API) 150.00			0.00 TEMP(degF) 300.00					
150.00	2	300.00						
300.00	3	450.00						