

Oil Co: Bonanza Creek				Oil Company: Bonanza Creek			
Well Name: Pronghorn 11-14-17HNB				Well Name: Pronghorn 11-14-17HNB			
LSD:				LSD:			
State/Prov: Colorado				State/Prov: Colorado			
Country: USA				Country: USA			
Job #: 2009-331				Job #: 2009-331			
				Drilling Co: Cade			
				Rig #: Cade 25			
				Co Rep 1: Gary Polk			
				Co Rep 2:			
				Geologist 1:			
				Geologist 2:			
				DD 1: J. Yauger			
				DD 2: Lee Winchester			
				MWD 1: T. Chaney			
				MWD 2: D. Weatherford			
				MWD Kit: 11			
				Well Lic:			
				API/UWI: 05-123-39390			
				AFE #: 14125			
Casing Depths		MD		Depth		Date	
Surface: 488		Start: 5000		5/29/2014		KB: 4610	
Intermediate: 6473		End: 10784.77		6/5/2014		GL: 4593	
						DF: 17.00	
Run #	Hole Size (in)	Gamma Offset	Survey Offset	Depth Start	Depth End	Date Start	Date End
01	8.75	35.00	41.00	0.00	5737.60	May 30, 14	Jun 03, 14
02	8 3/4	35.00	41.00	5737.60	6523.80	May 31, 14	Jun 03, 14
03	6 1/8	37.00	43.00	6523.80	10785.00	Jun 02, 14	Jun 05, 14

Total Directional uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

Comments:

Client: **Bonanza Creek**

Well Name: **Pronghorn 11-14-17HNB**

API/UWI: **05-123-39390**

Well Lic:

Surface LSD: **4610**

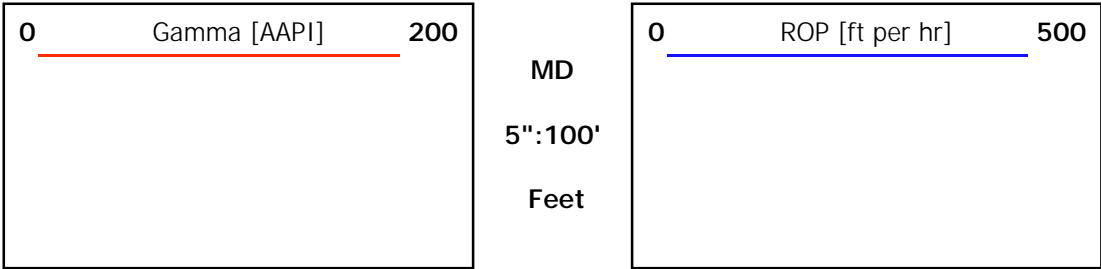
State/Prov: **Colorado**Job #: **2009-331**

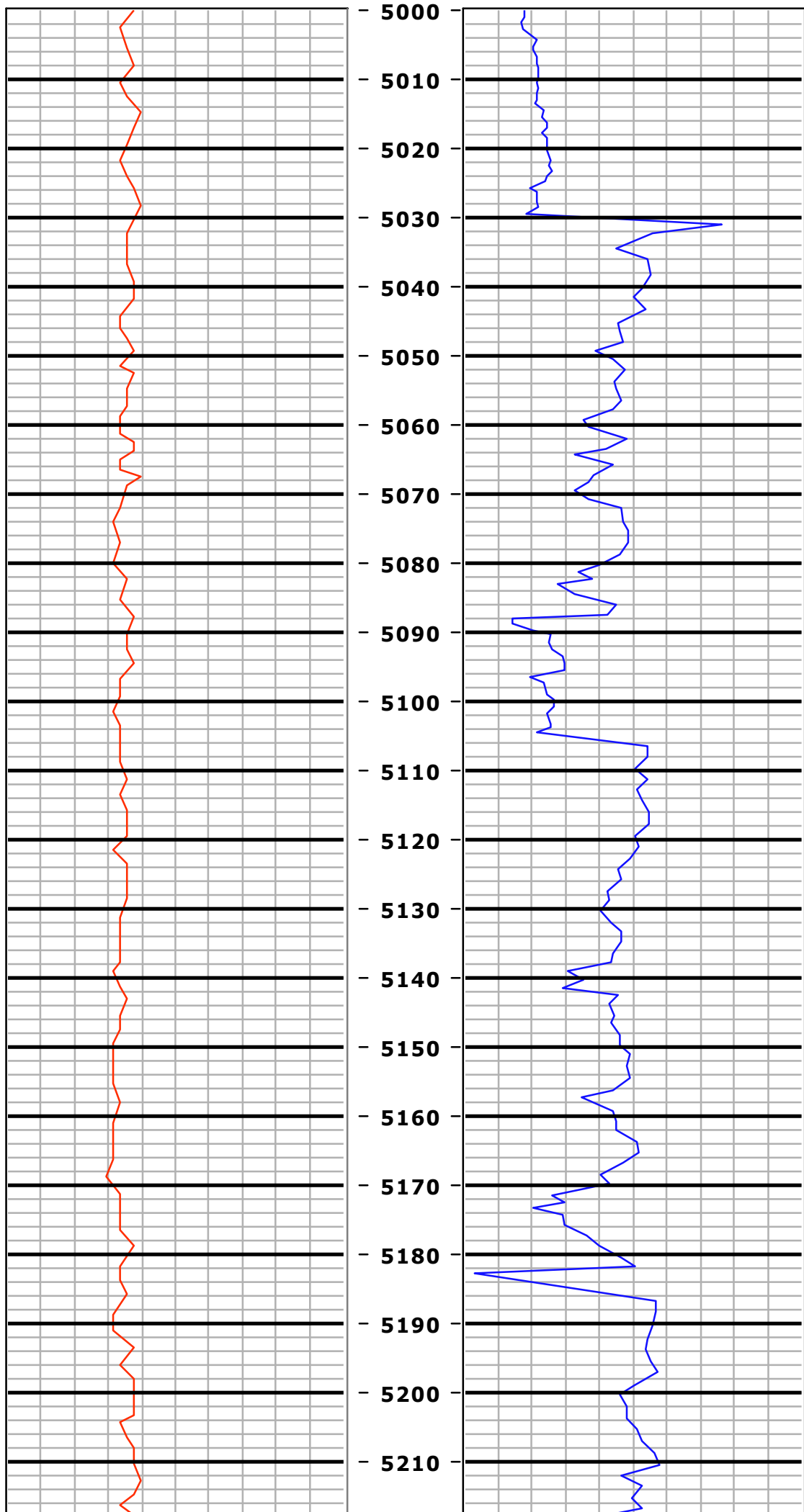
Country: **USA**MWD Kit: **11**

KB: **4610**

GL: **4593**

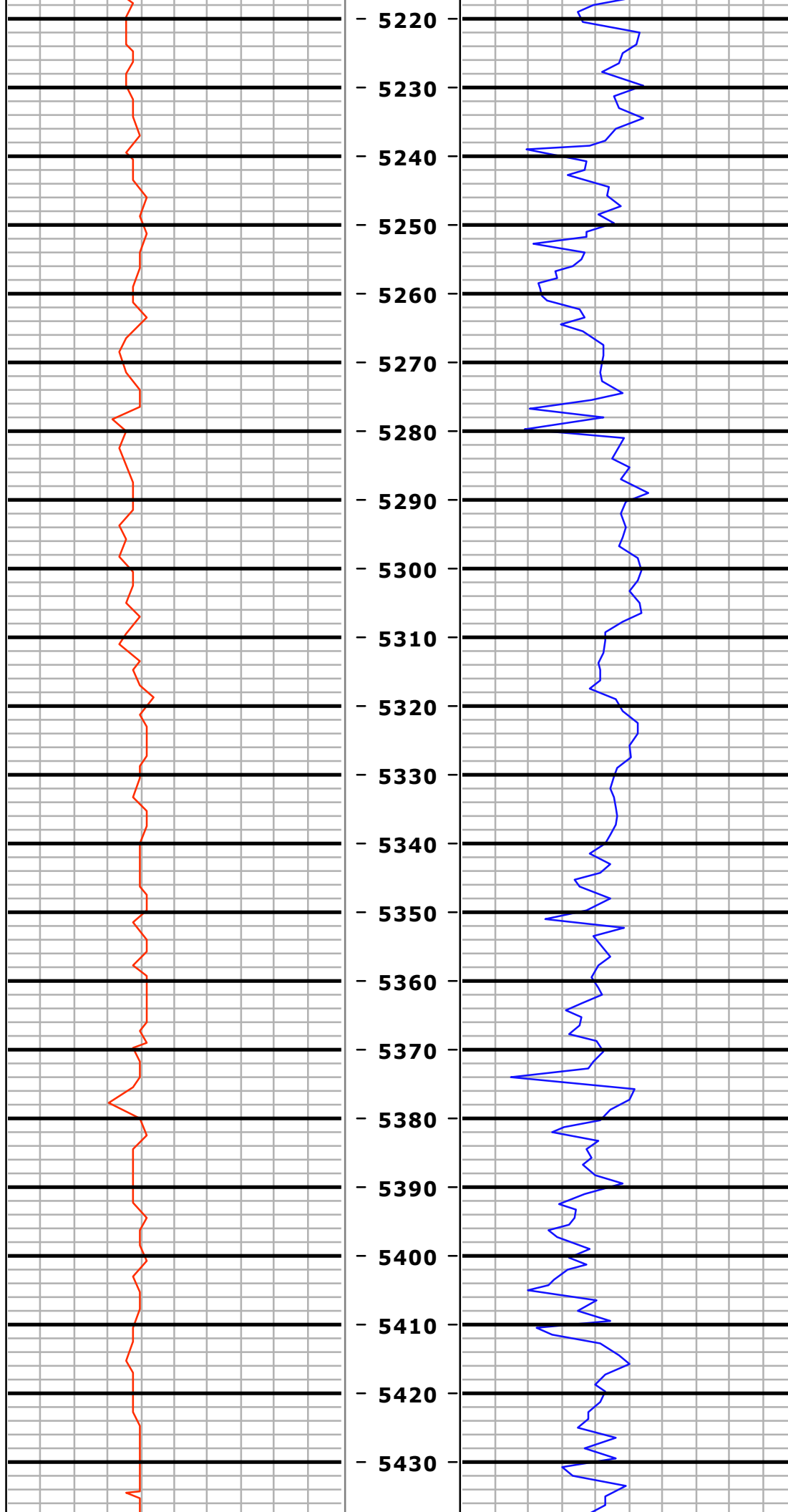
DF: **17.00**





MD=5047.0 INC=8.2
AZM=330.4 TVD=5012.3

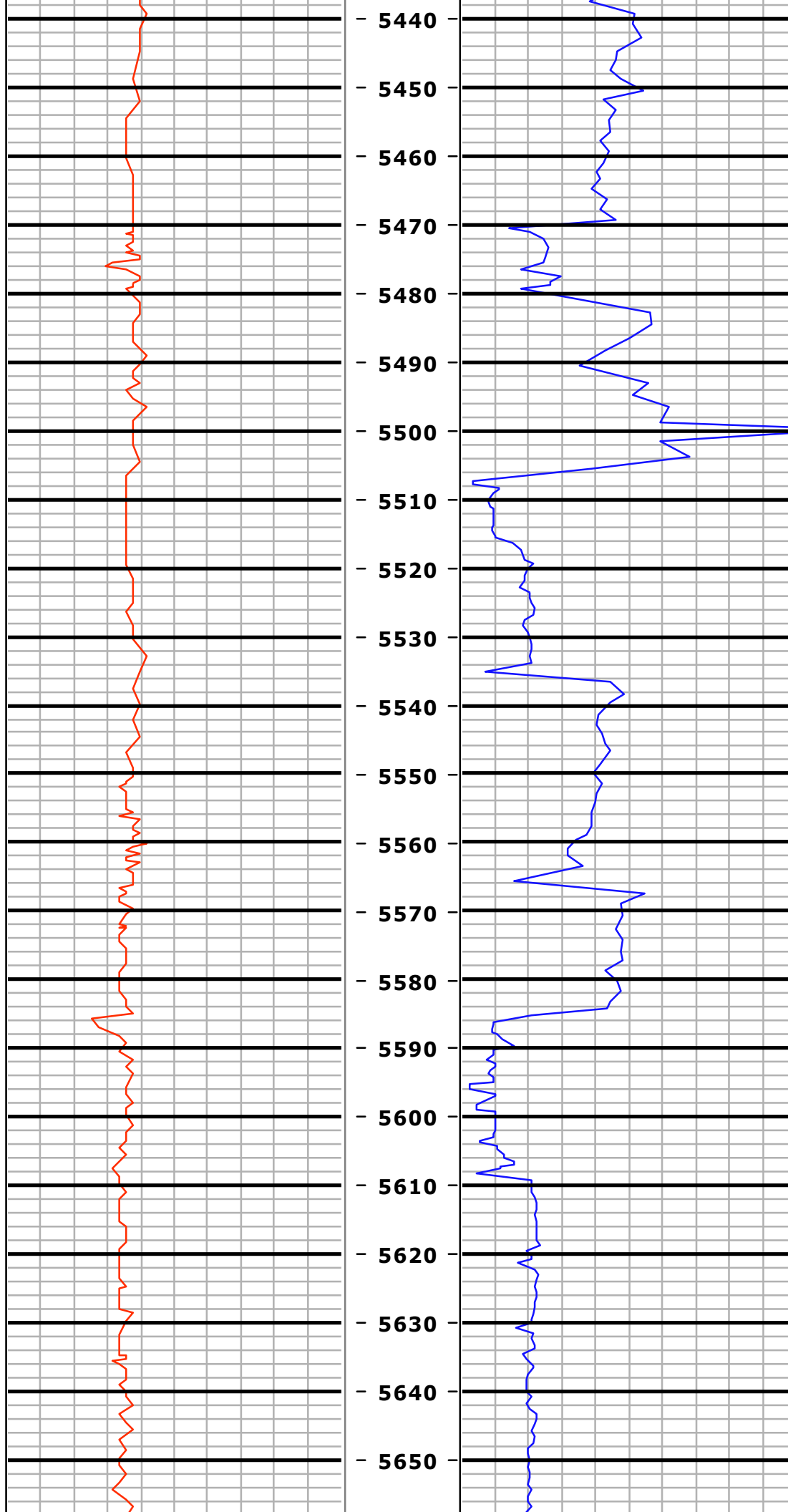
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AZM=325.6 TVD=5106.4



MD=5238.0 INC=6.8
AZM=317.9 TVD=5201.6

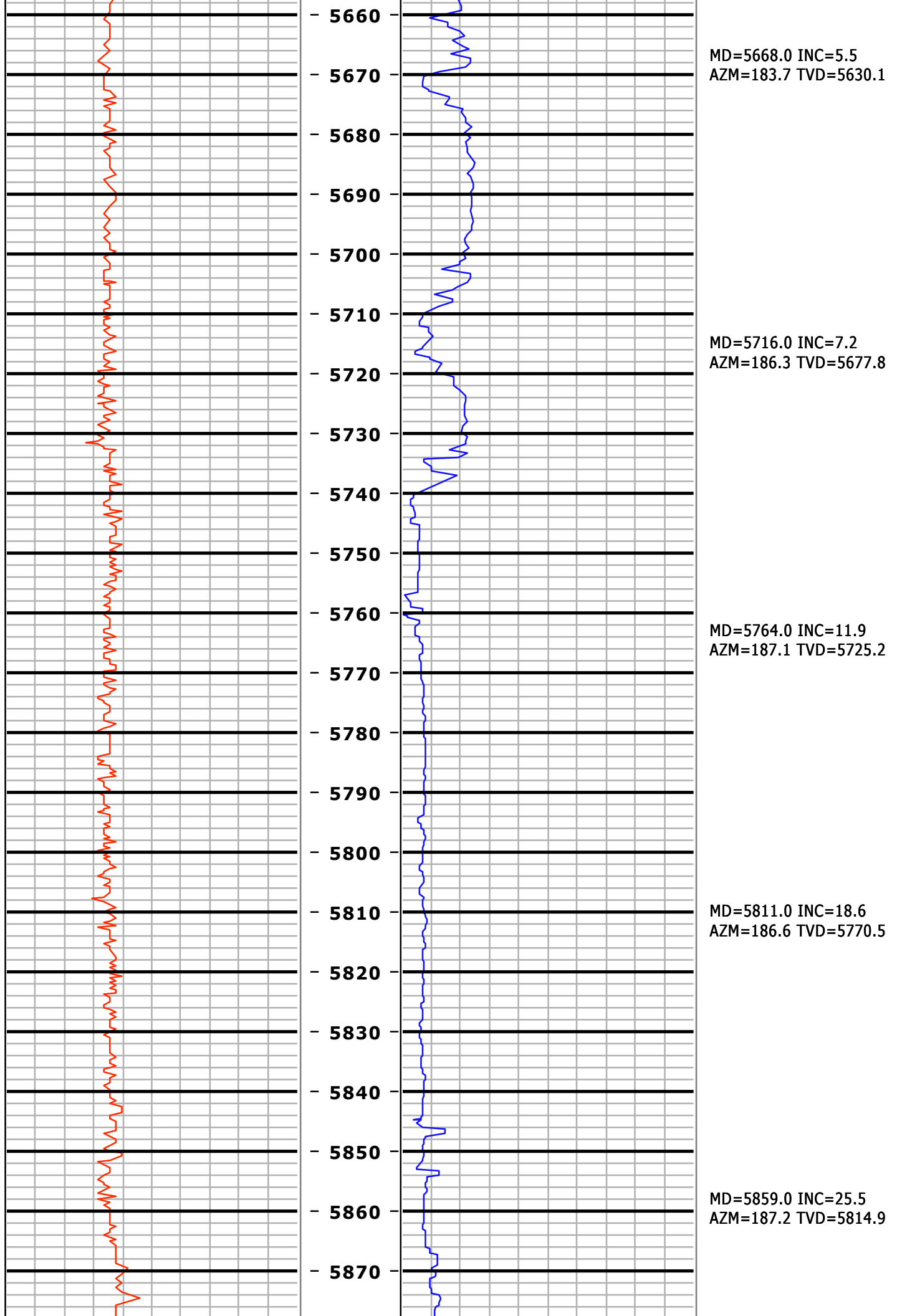
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AZM=312.9 TVD=5297.0

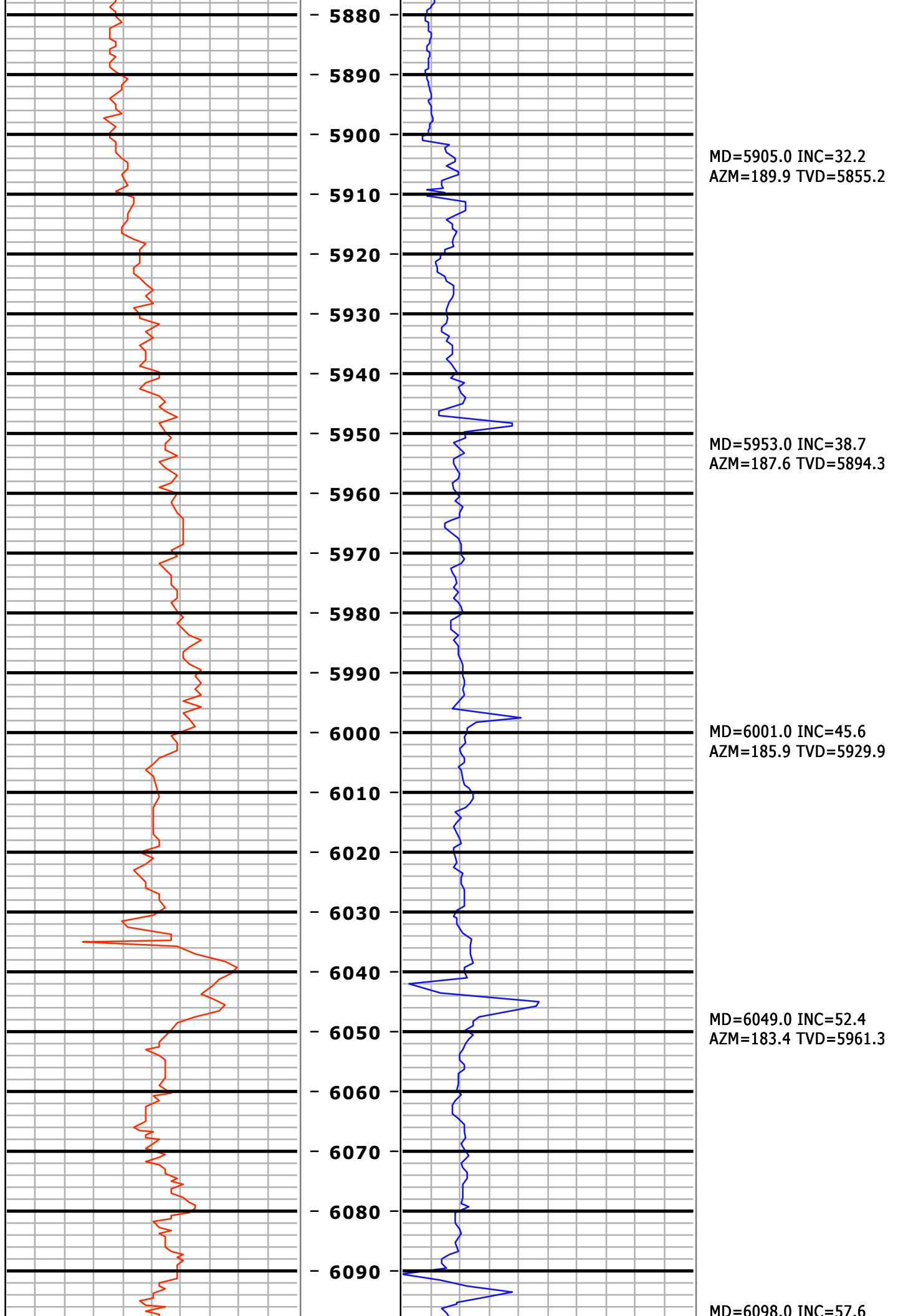
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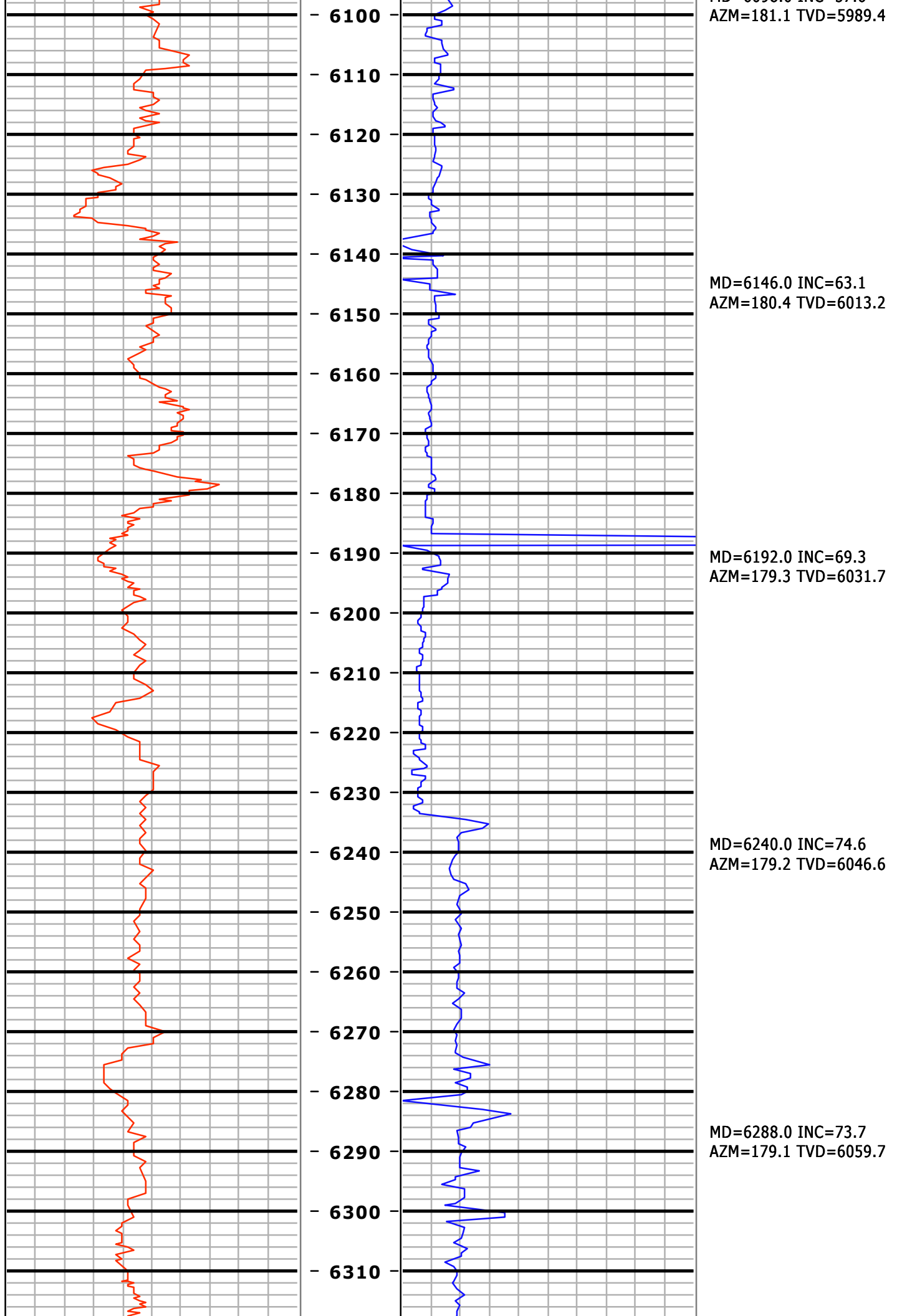


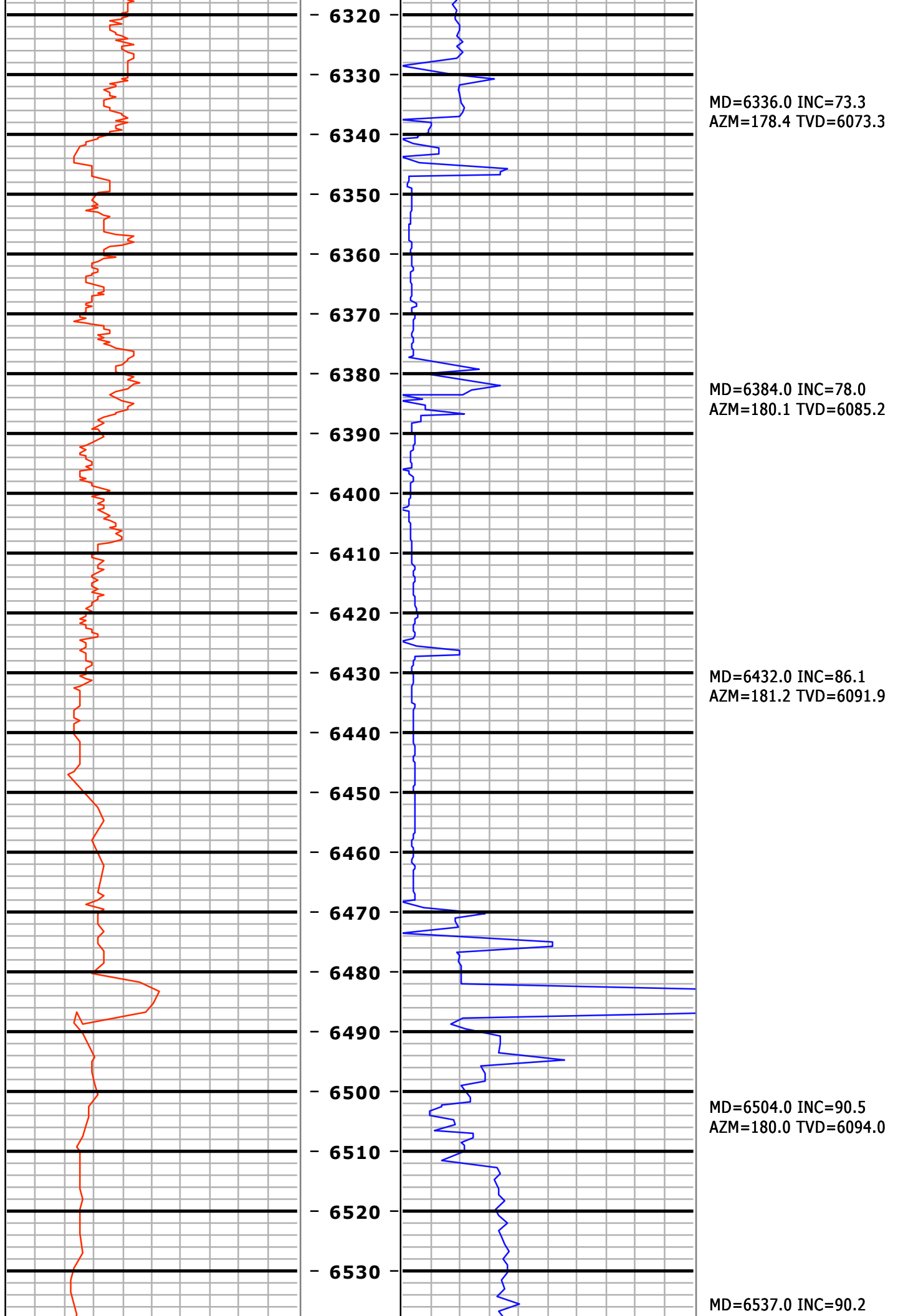
MD=5525.0 INC=3.9
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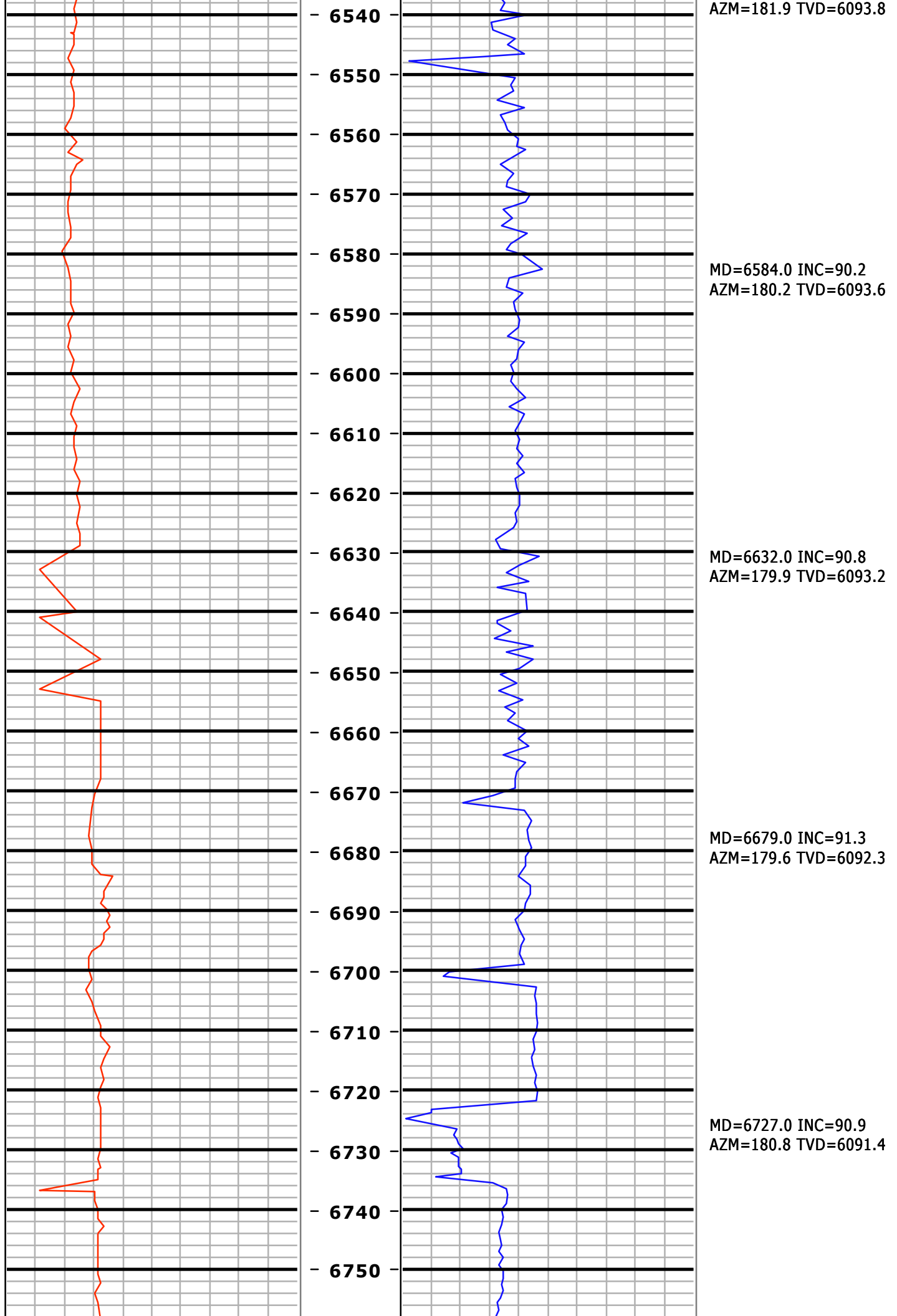
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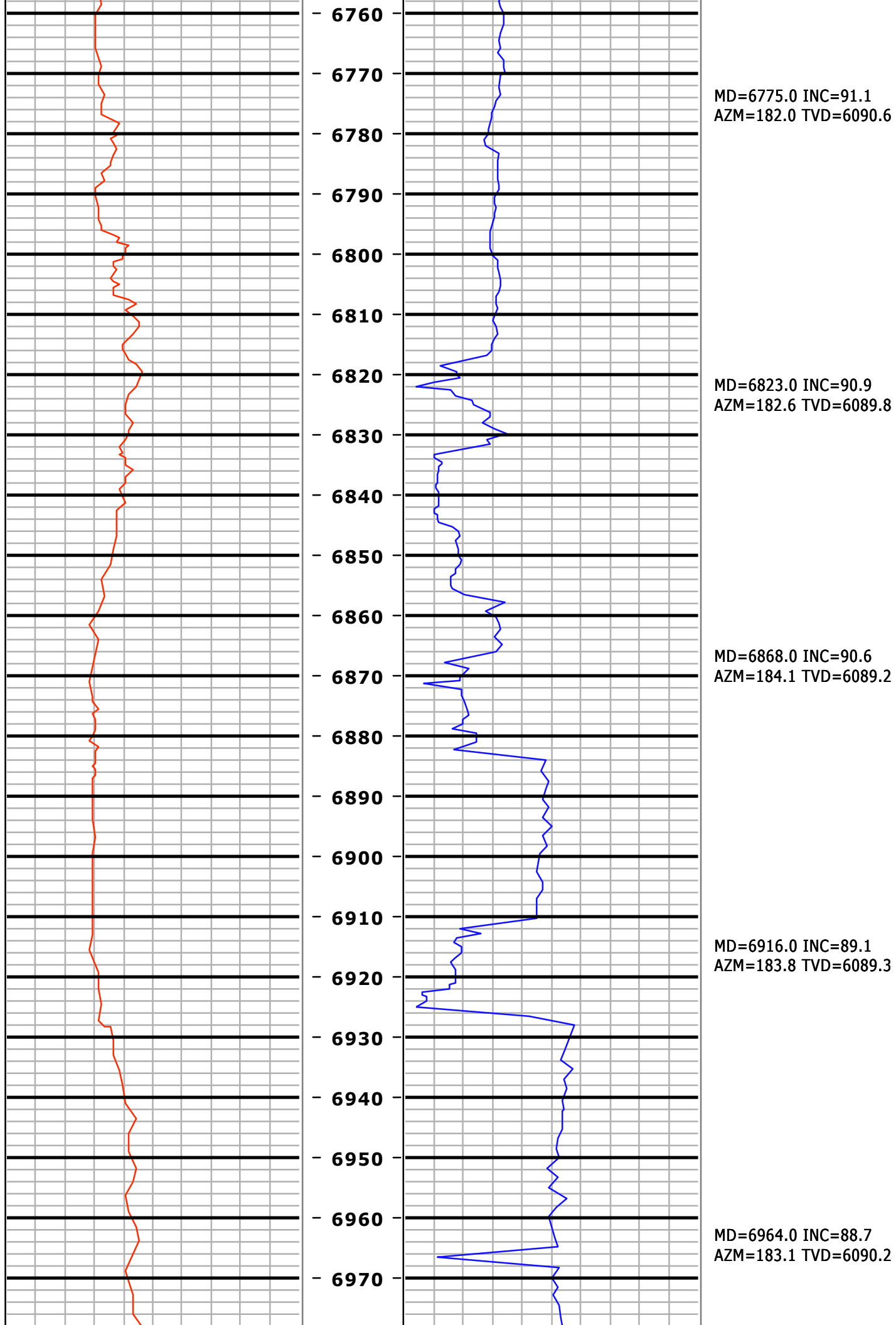


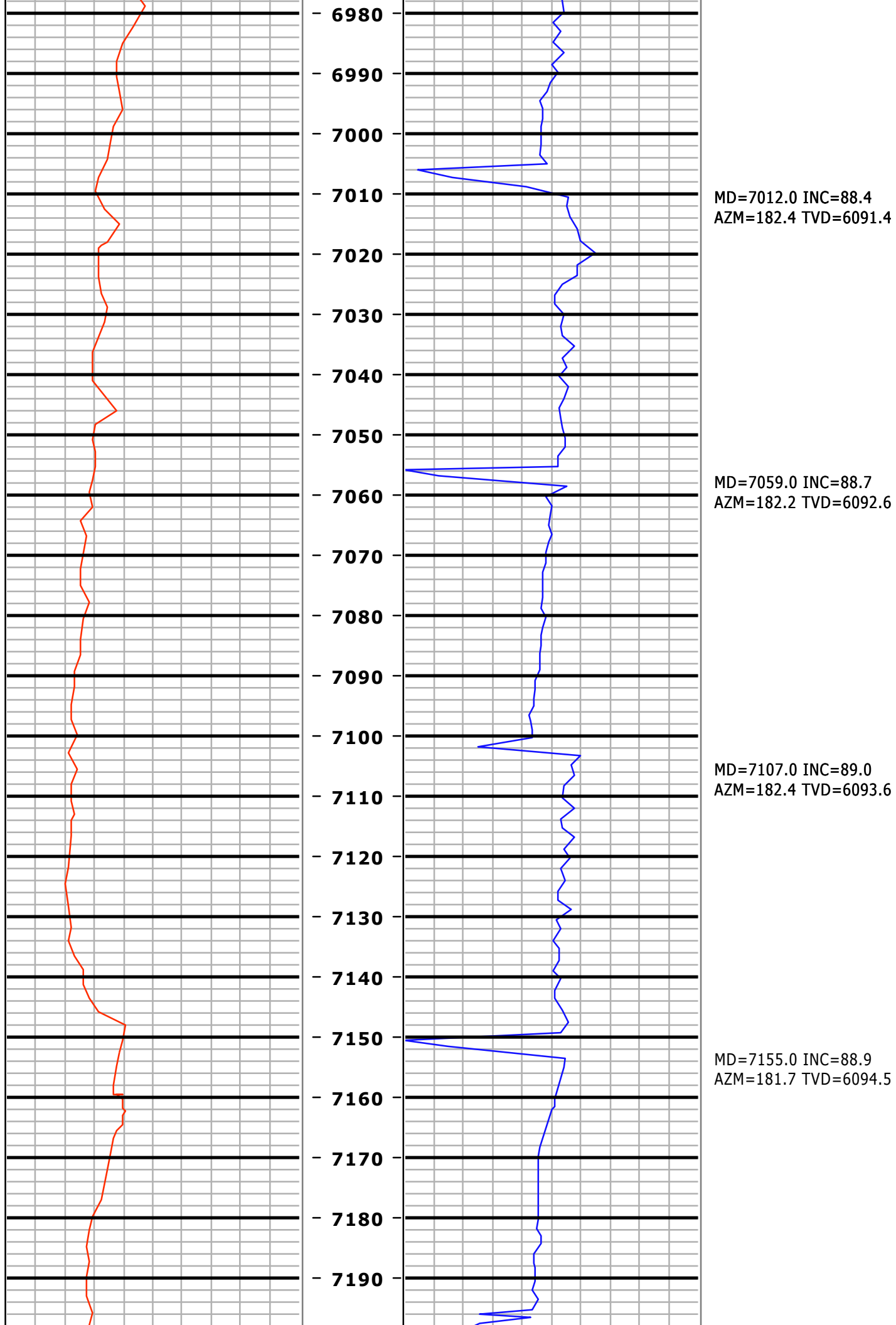


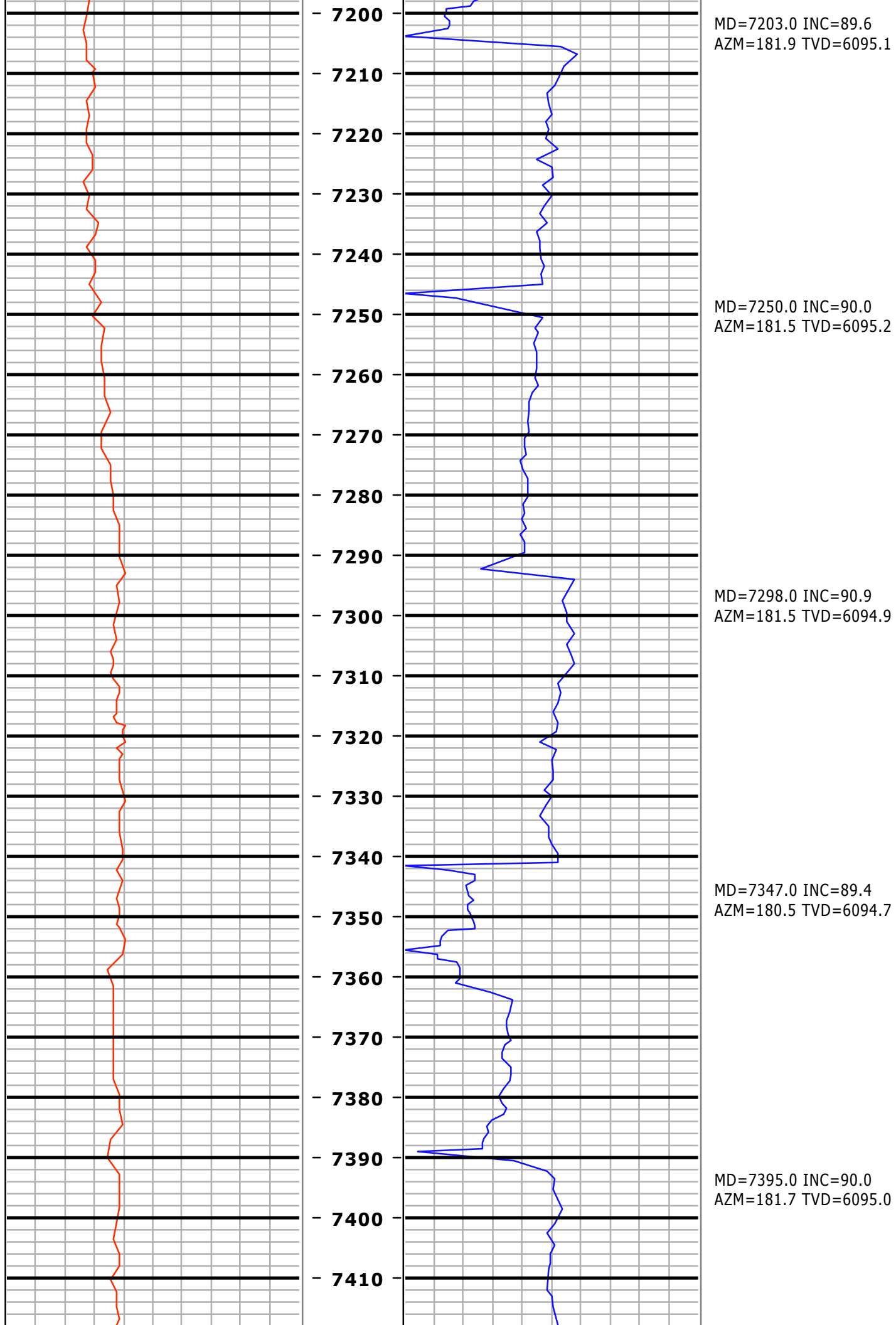


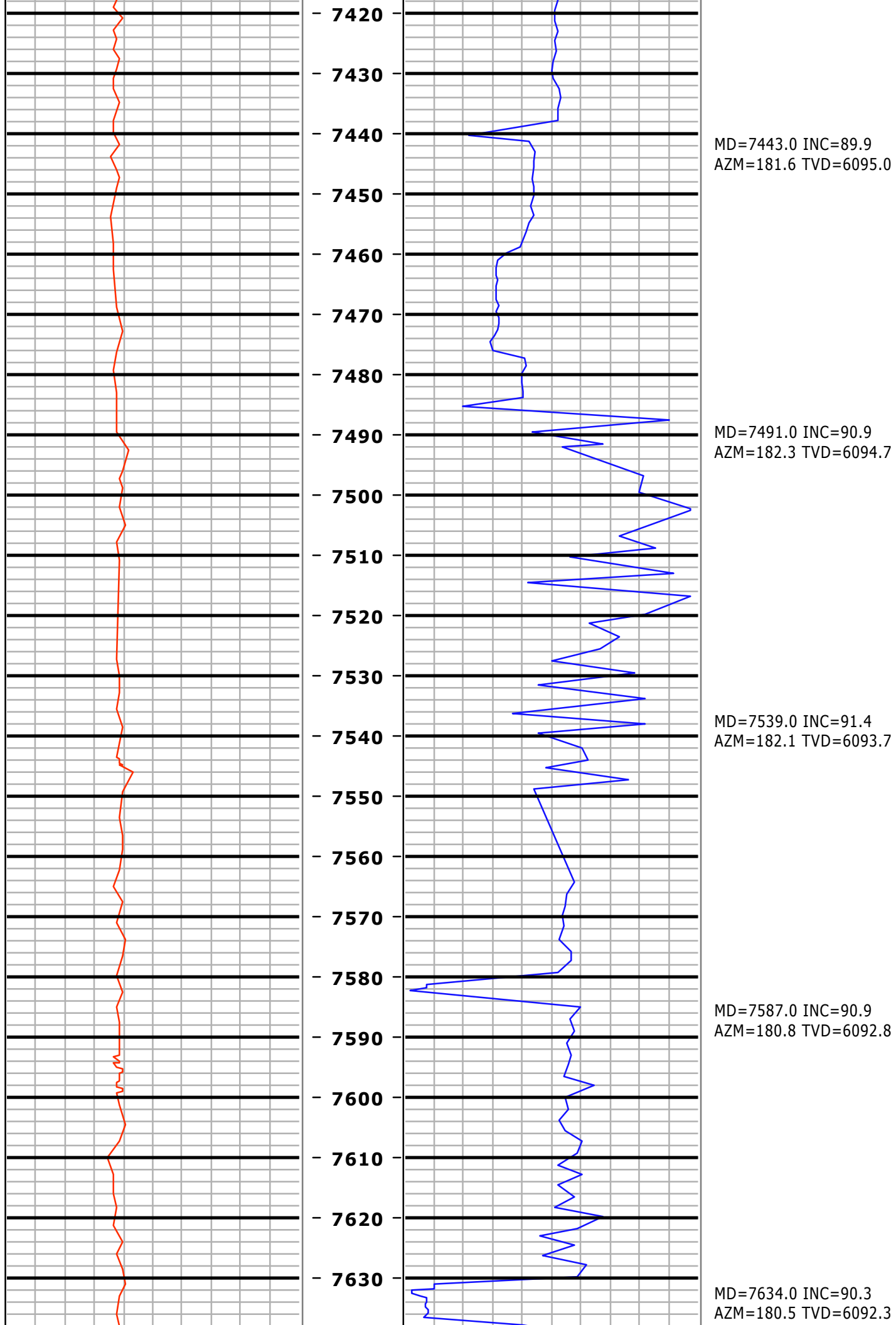


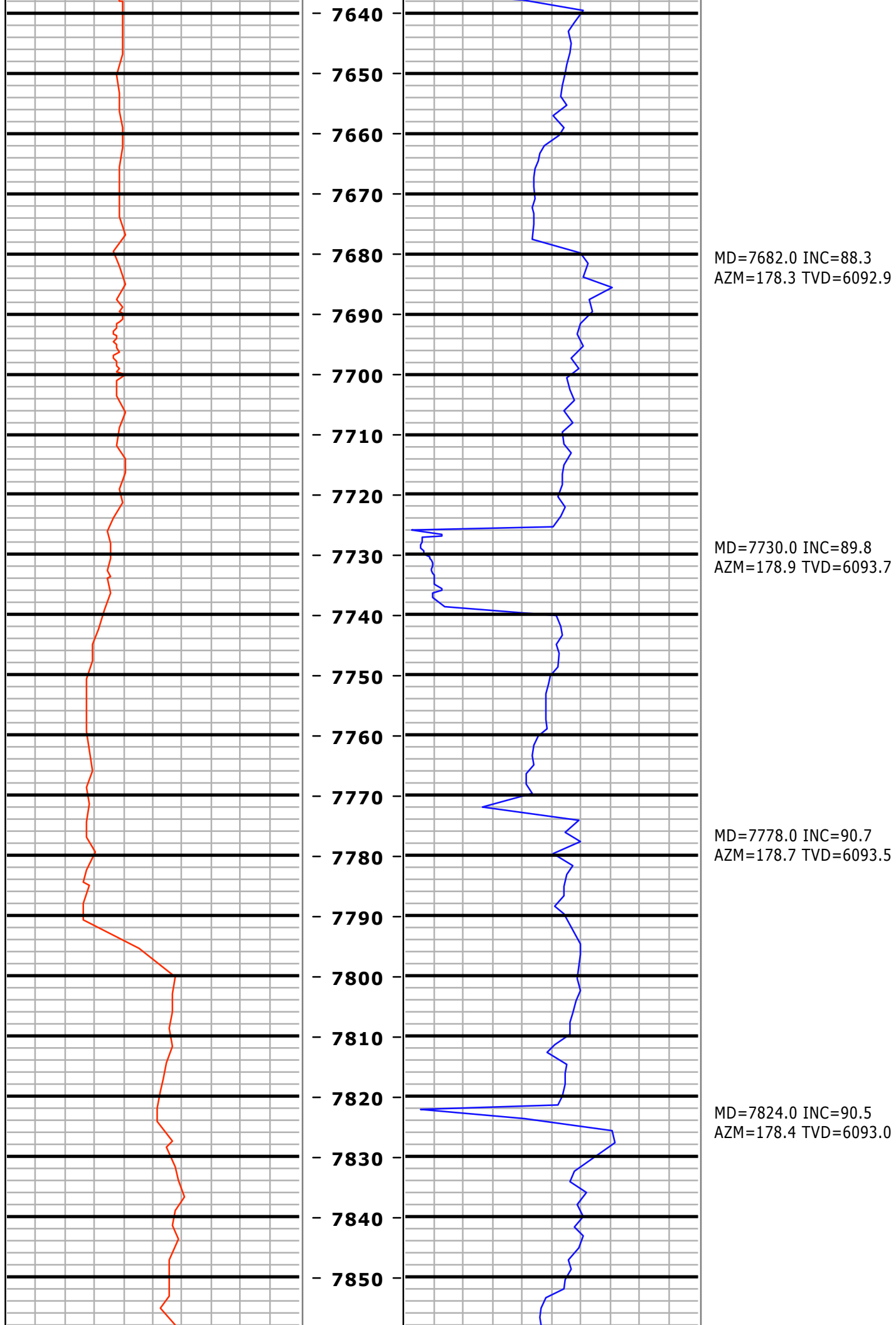


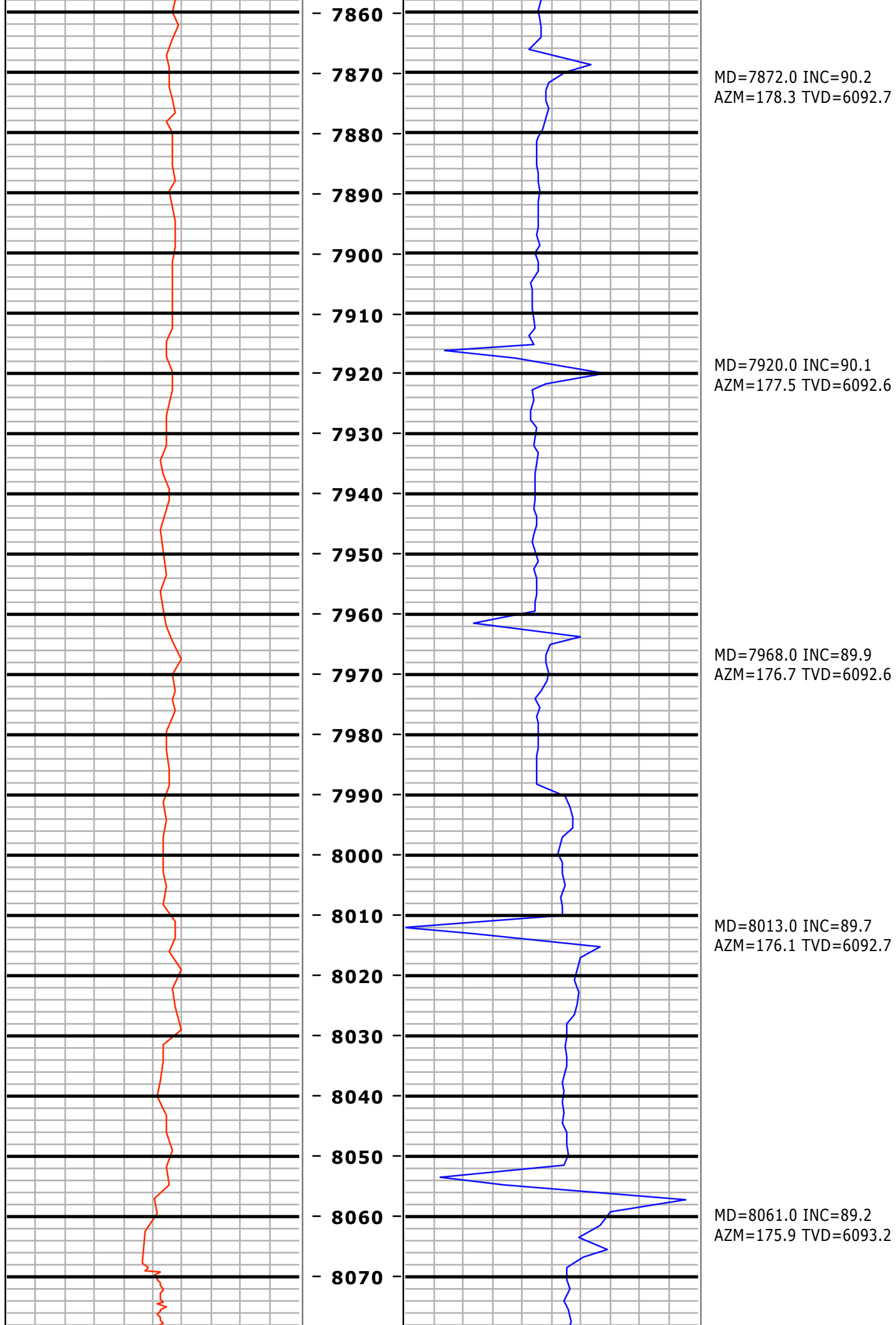


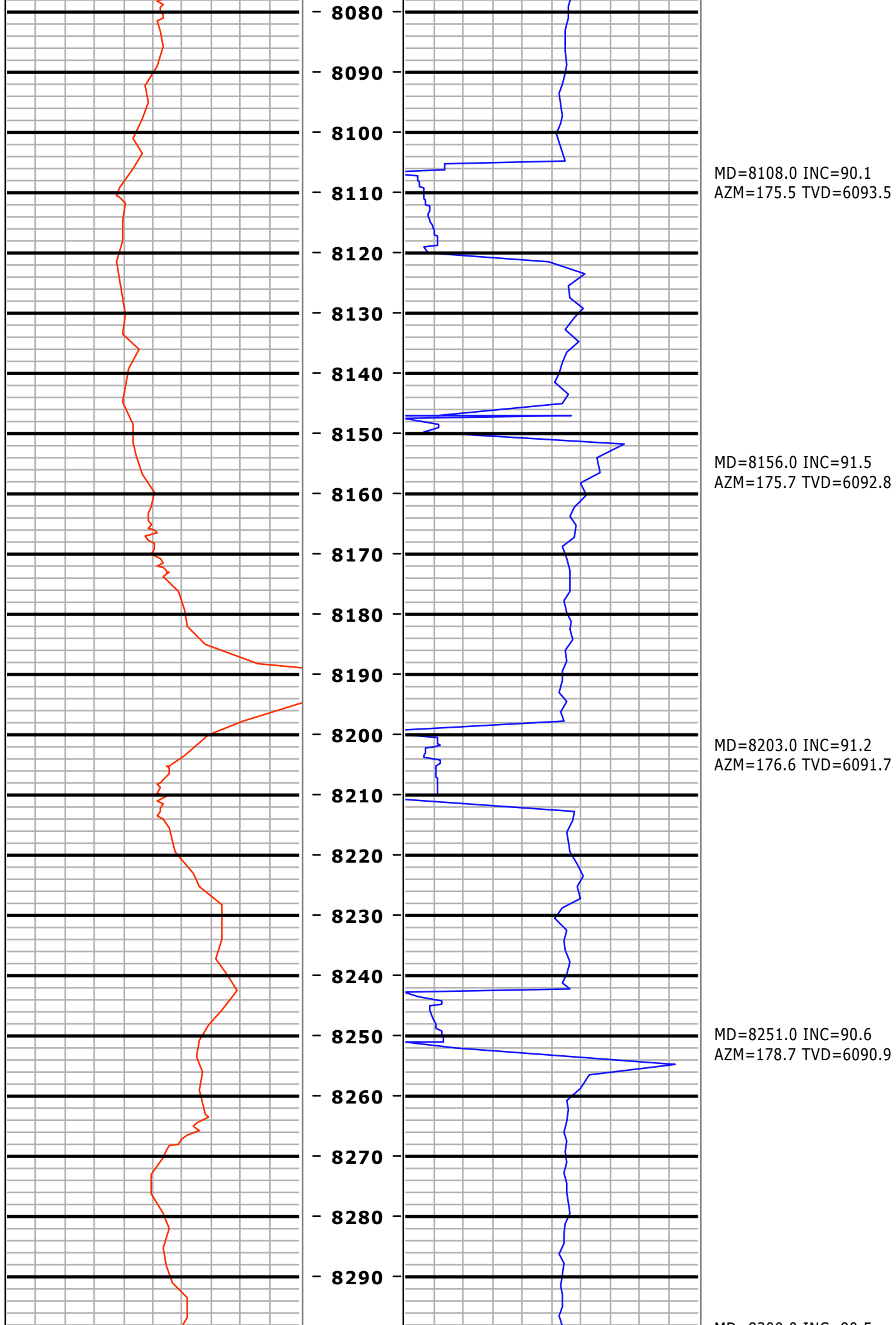


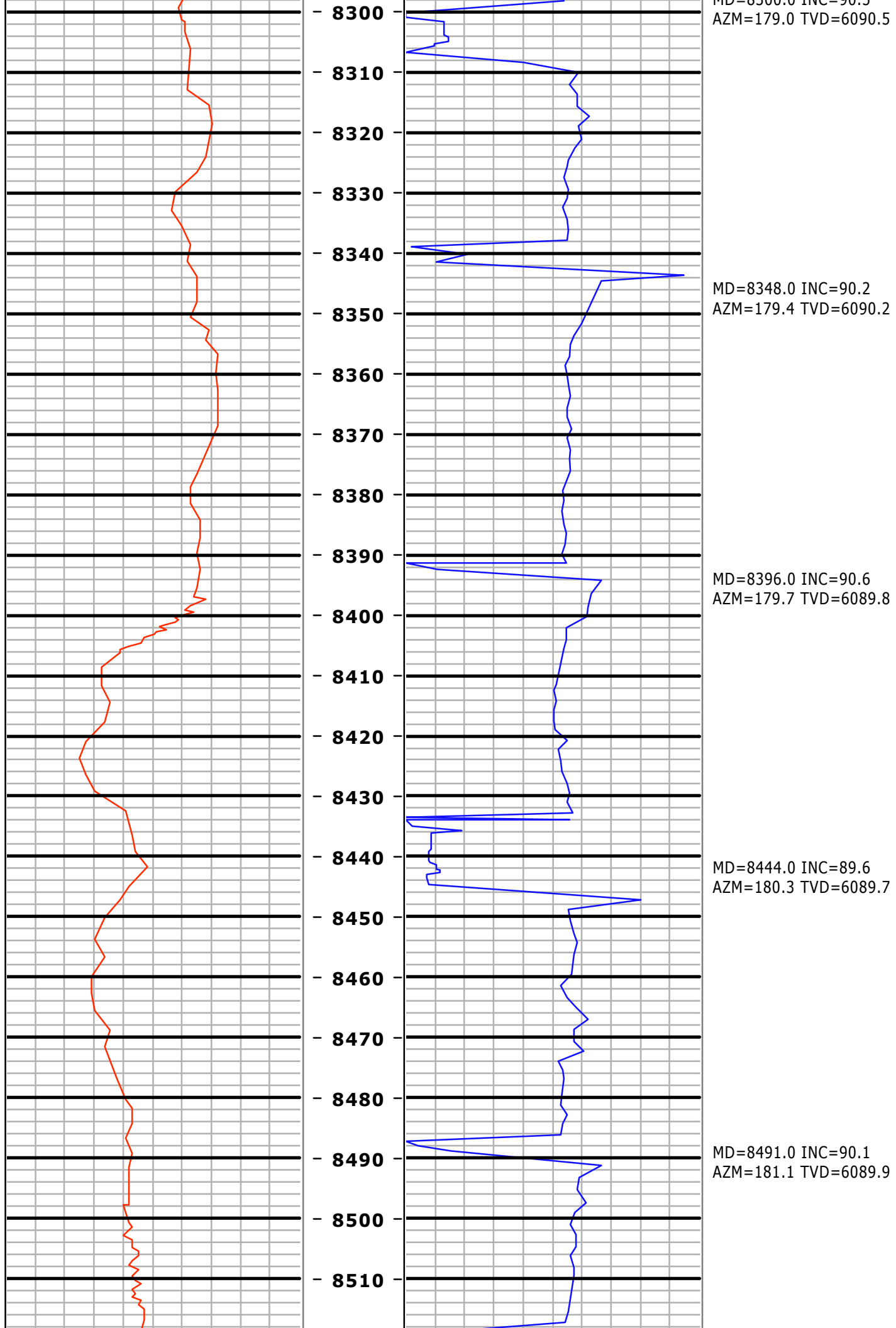


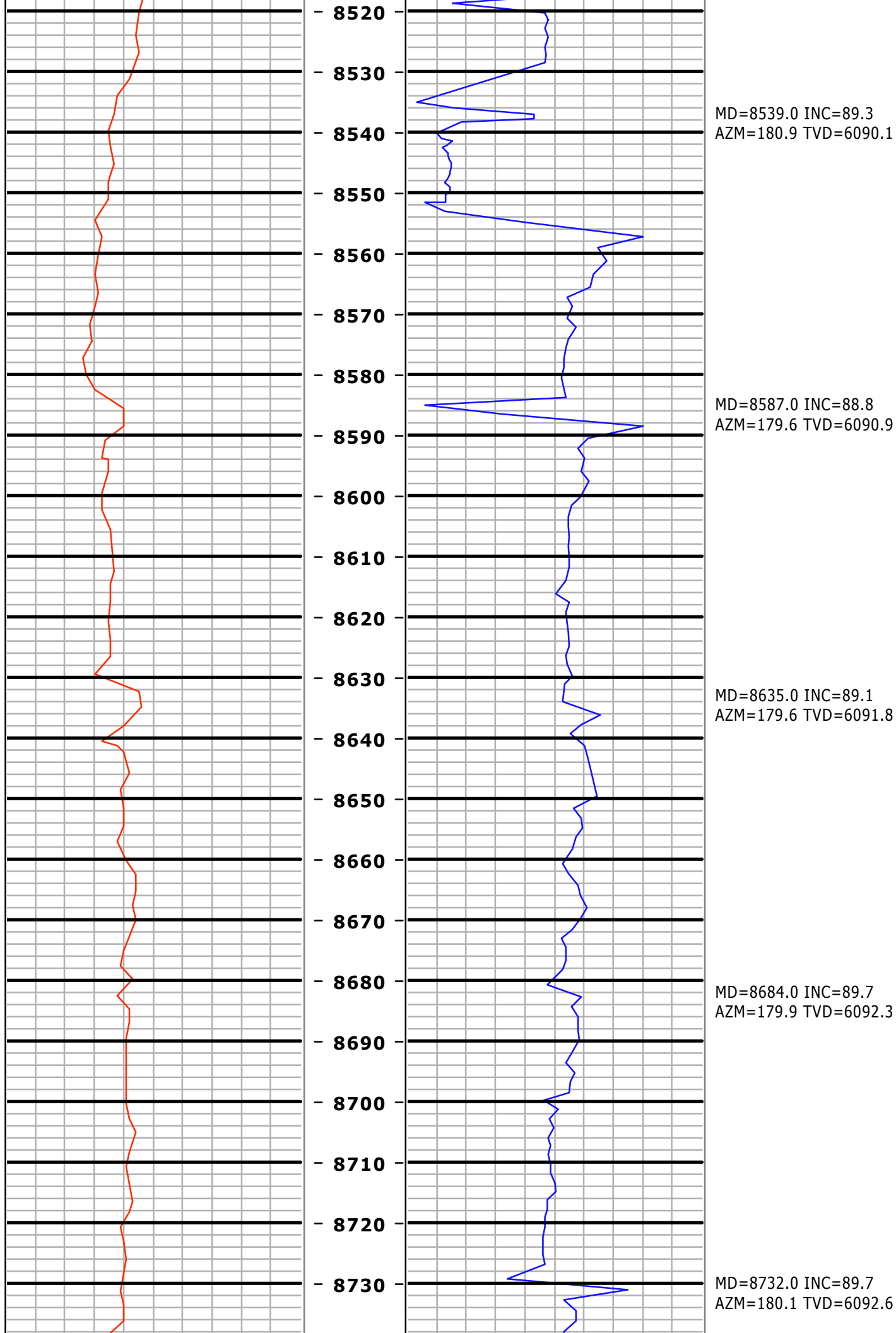


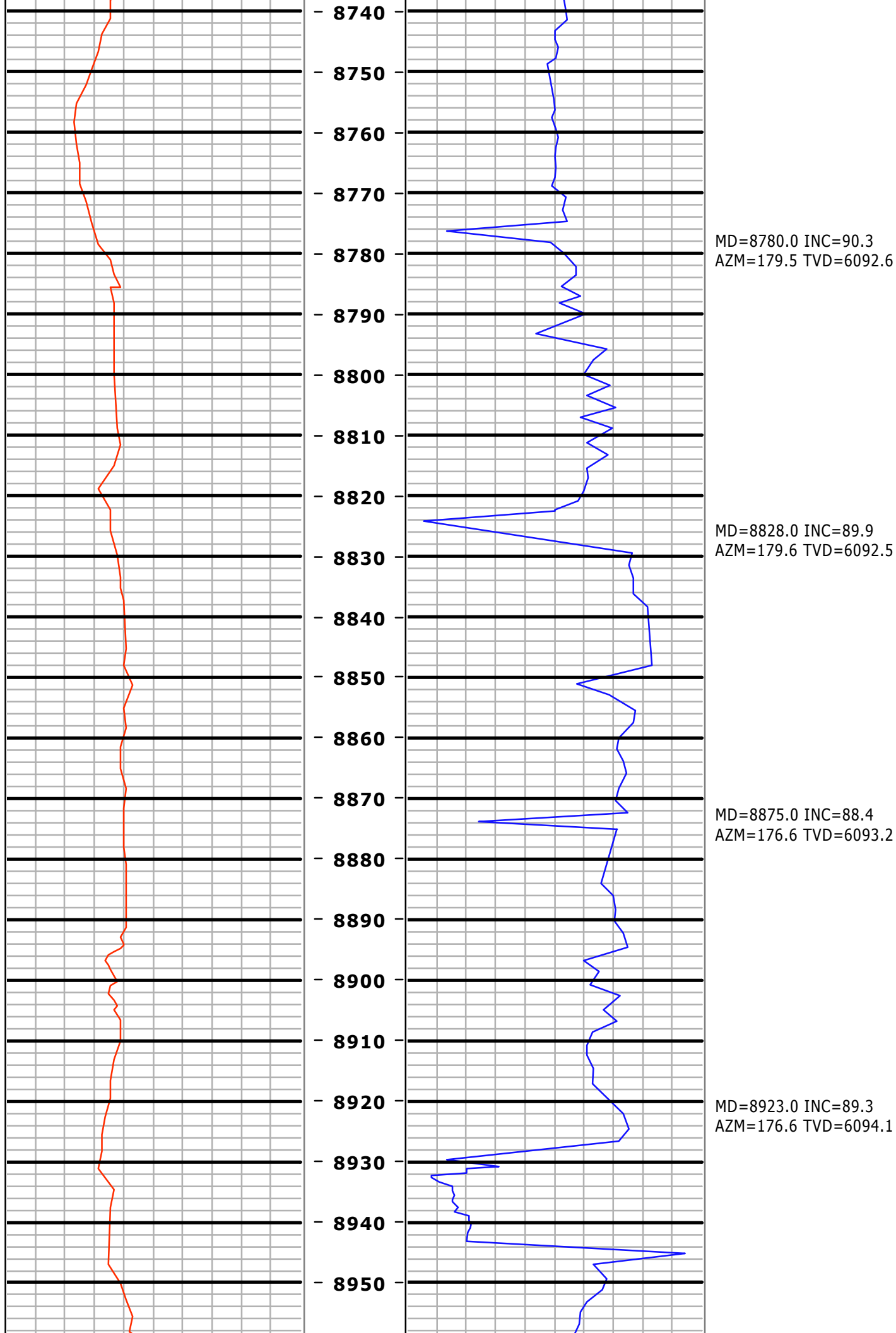


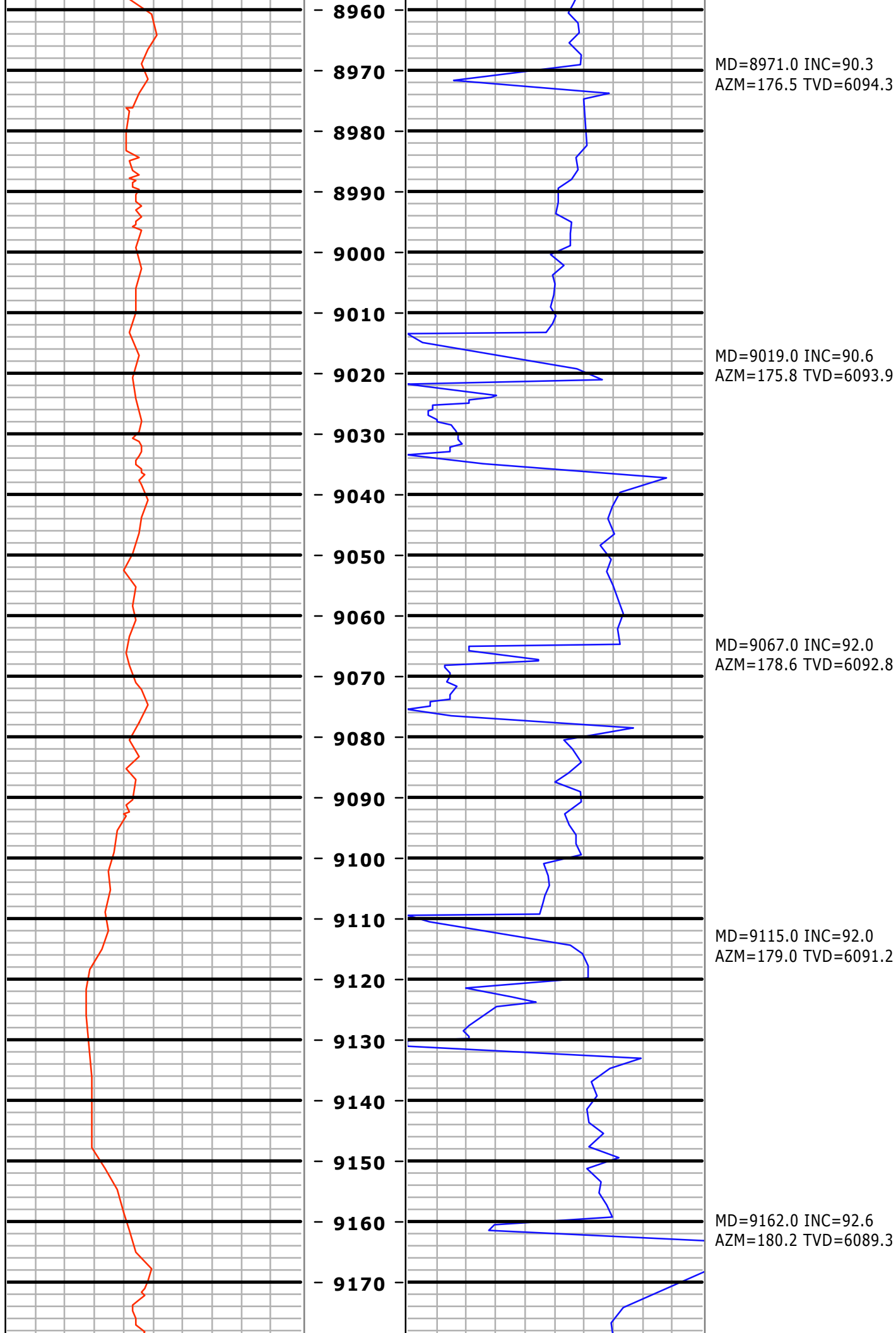


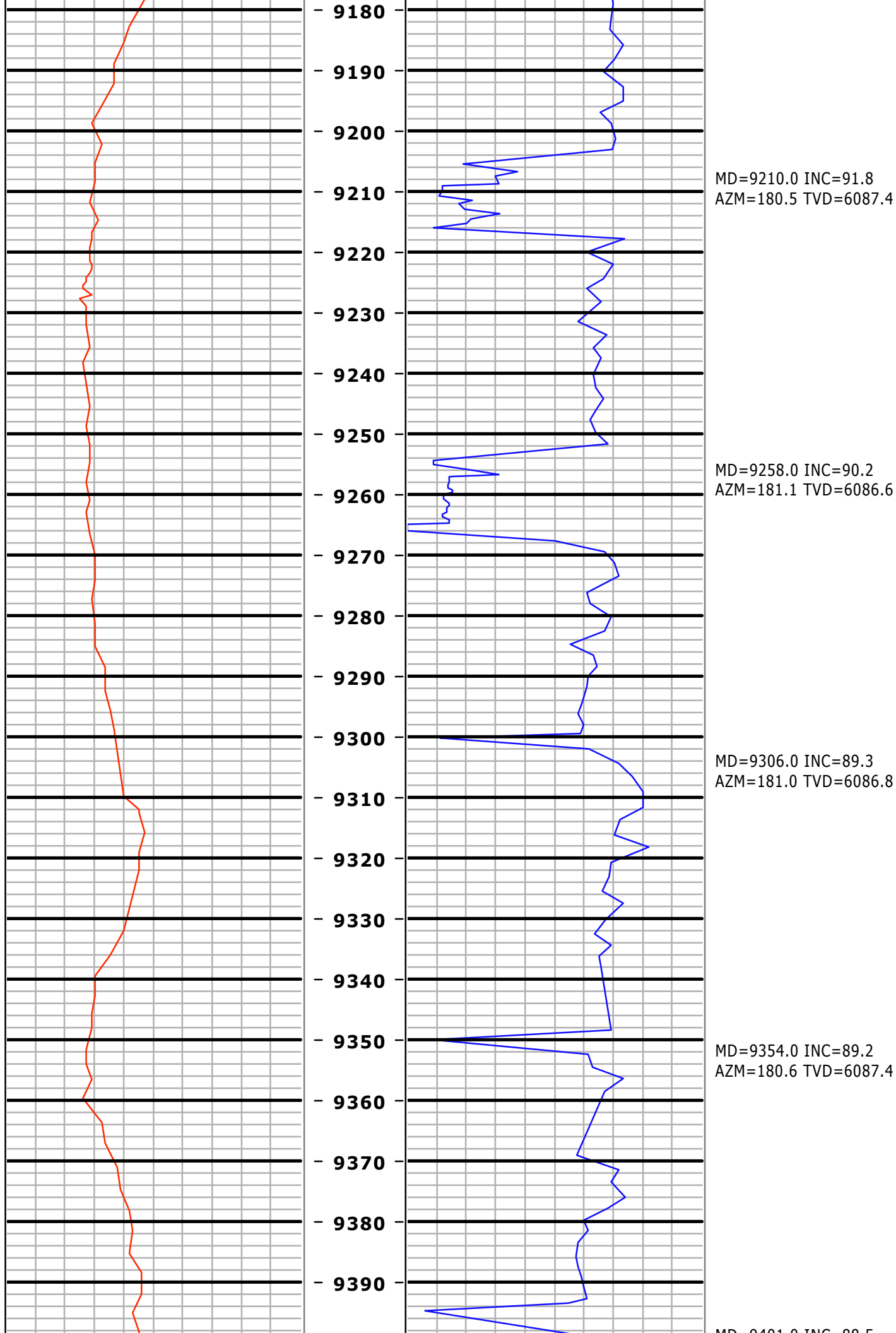


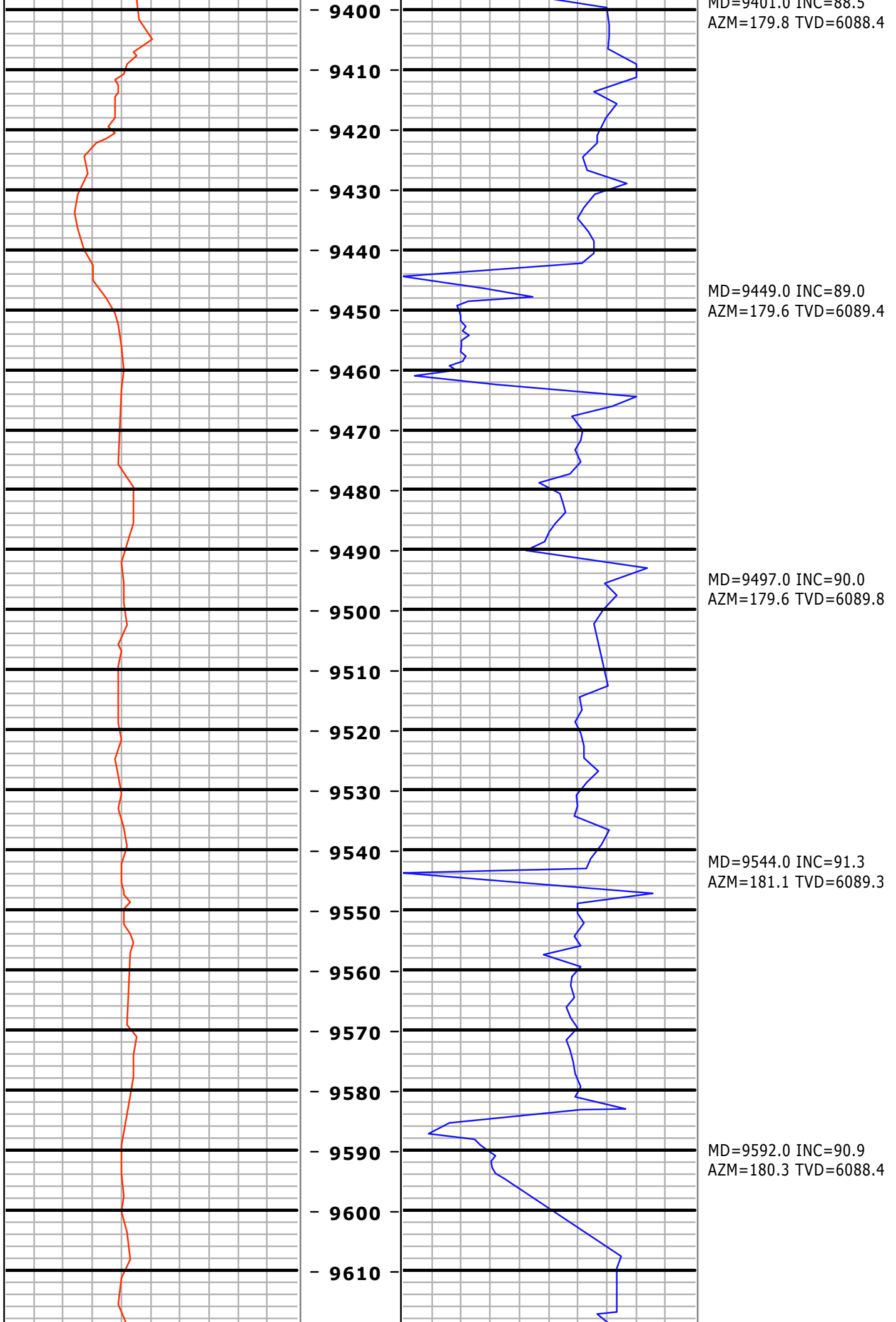


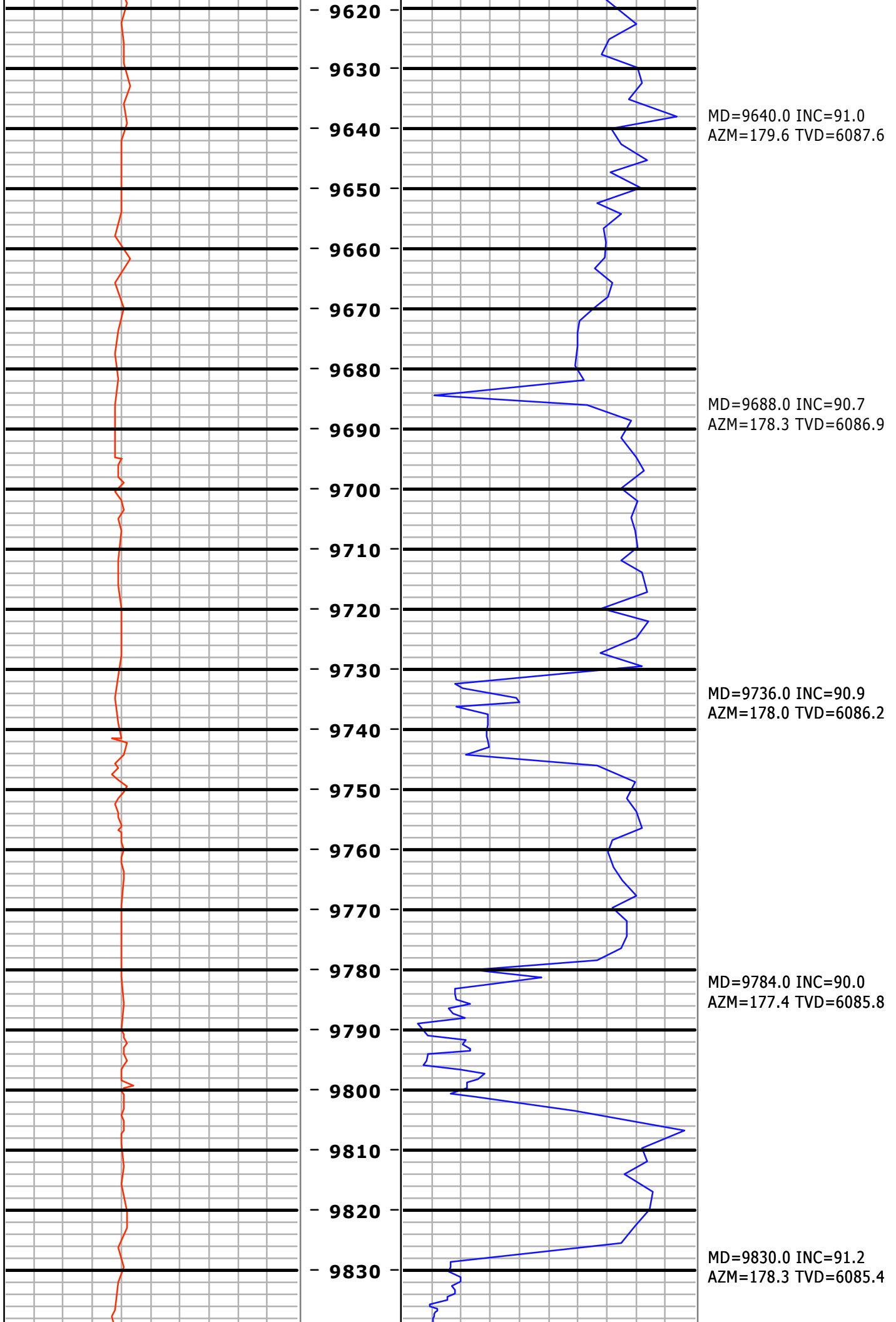


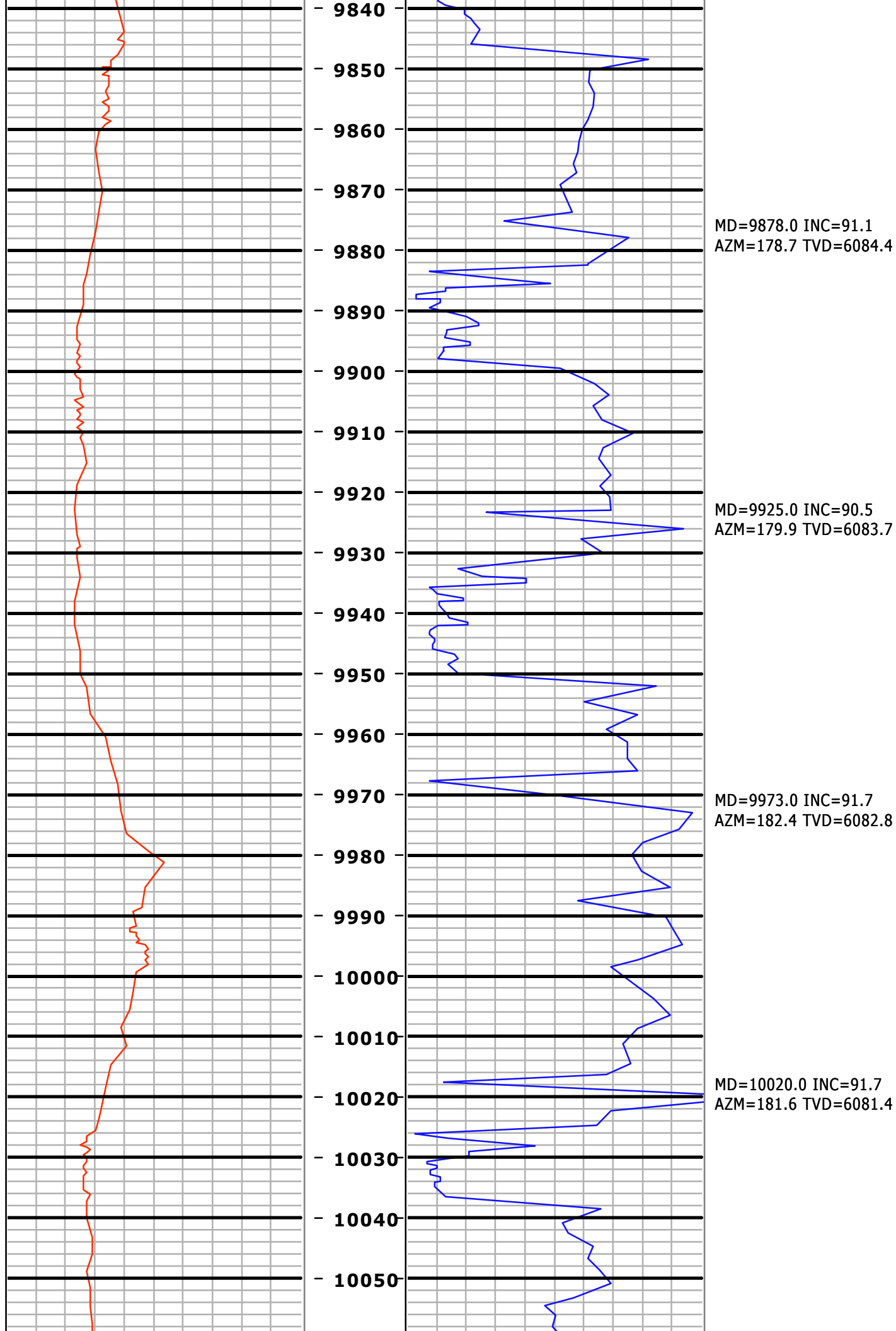


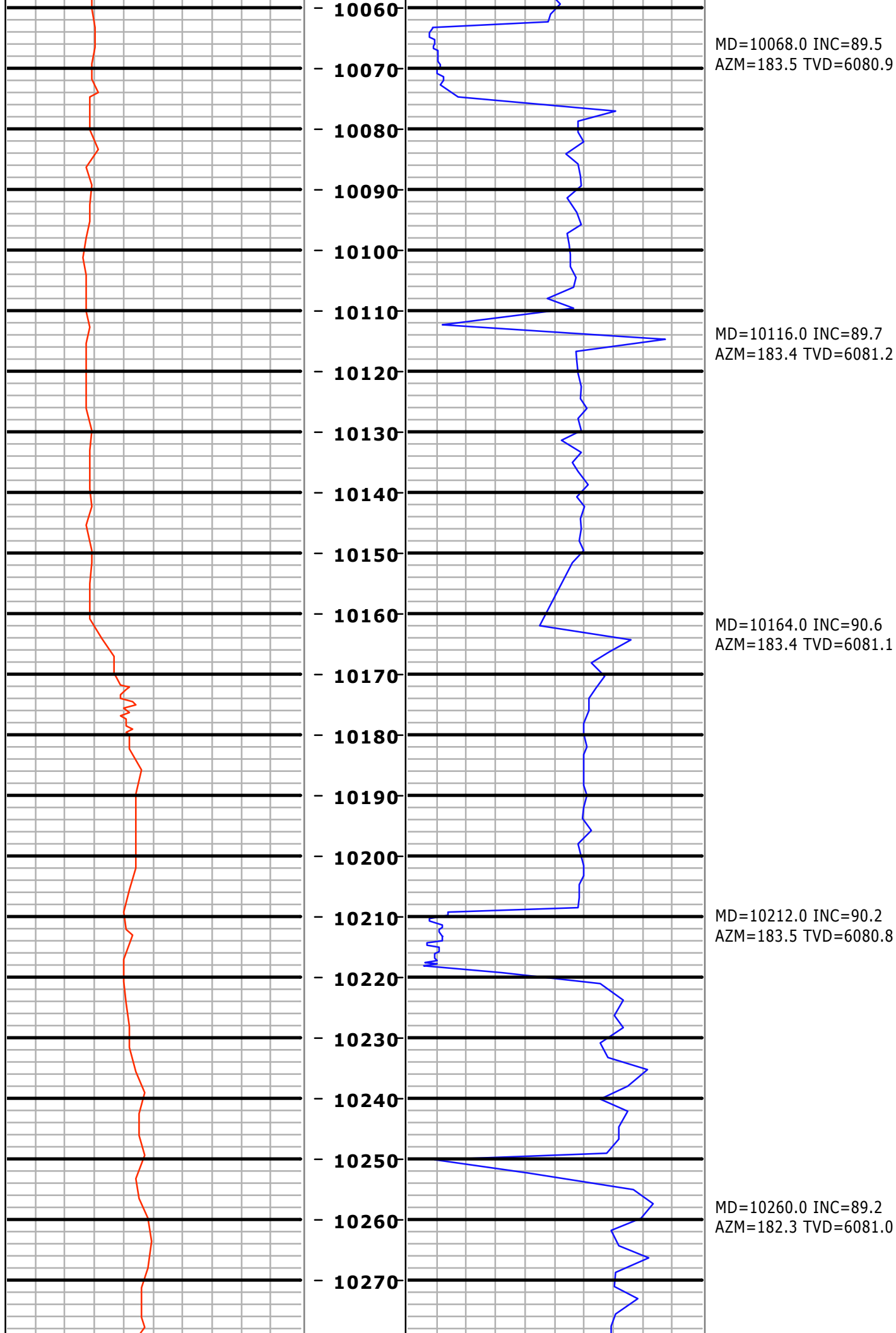


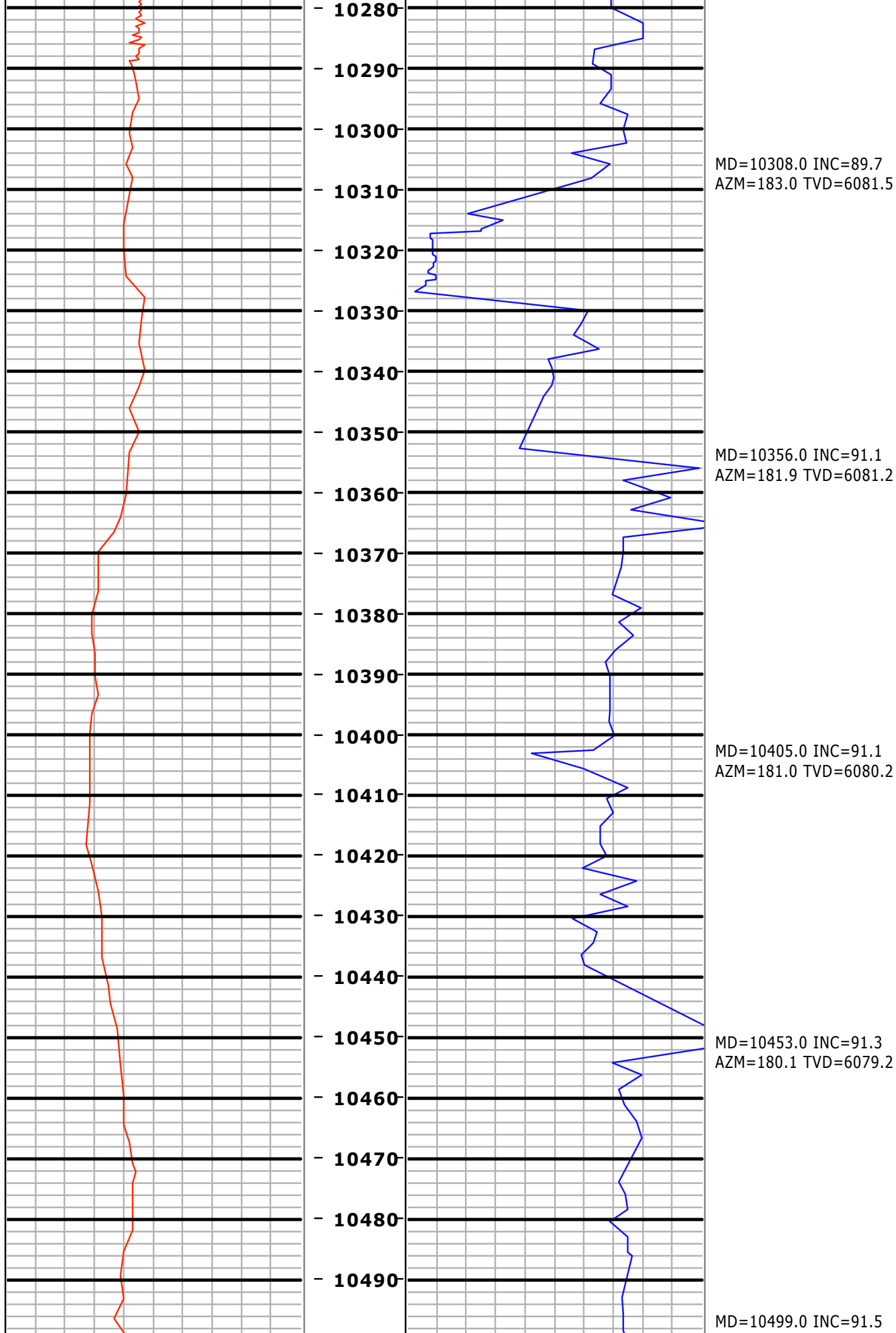


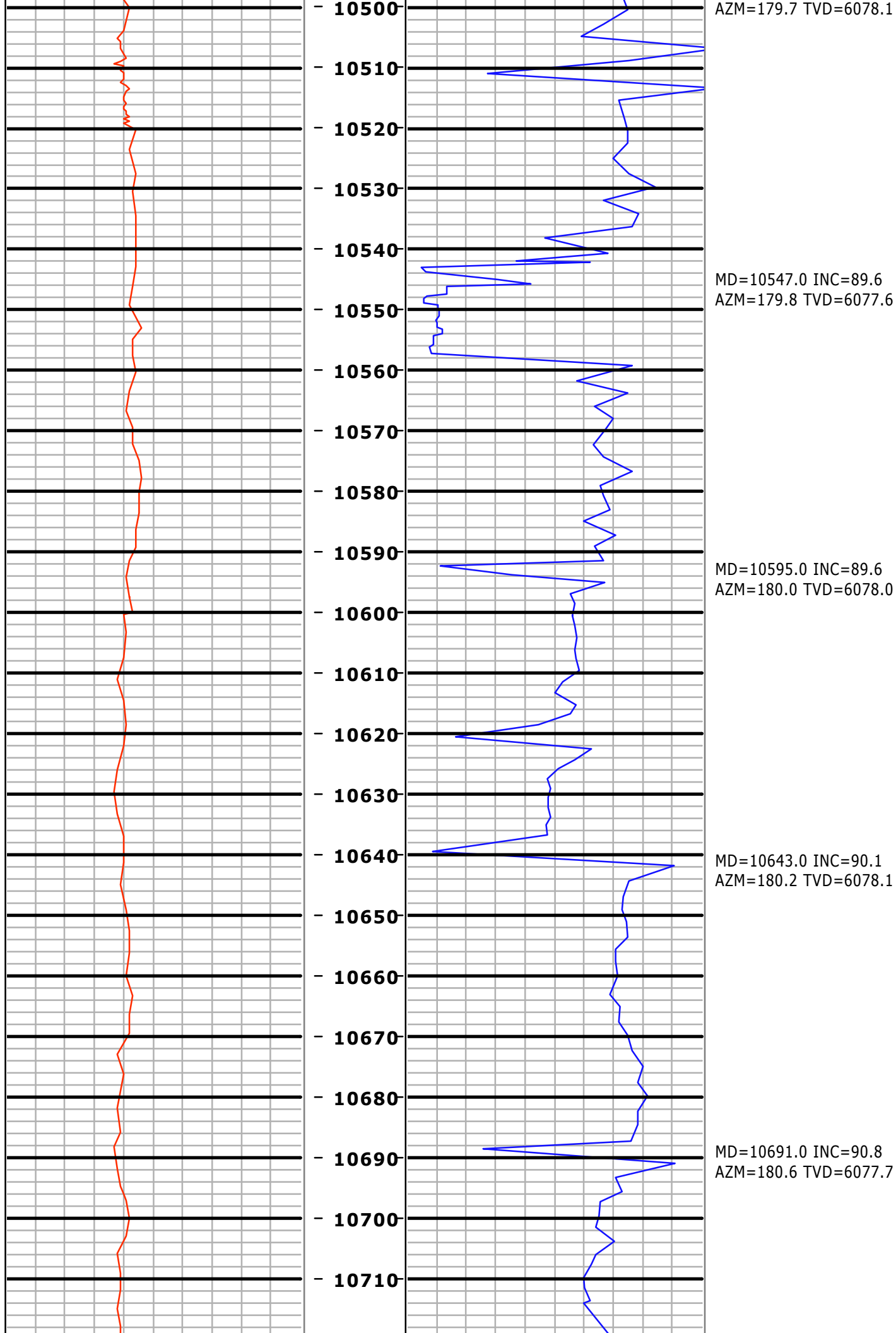


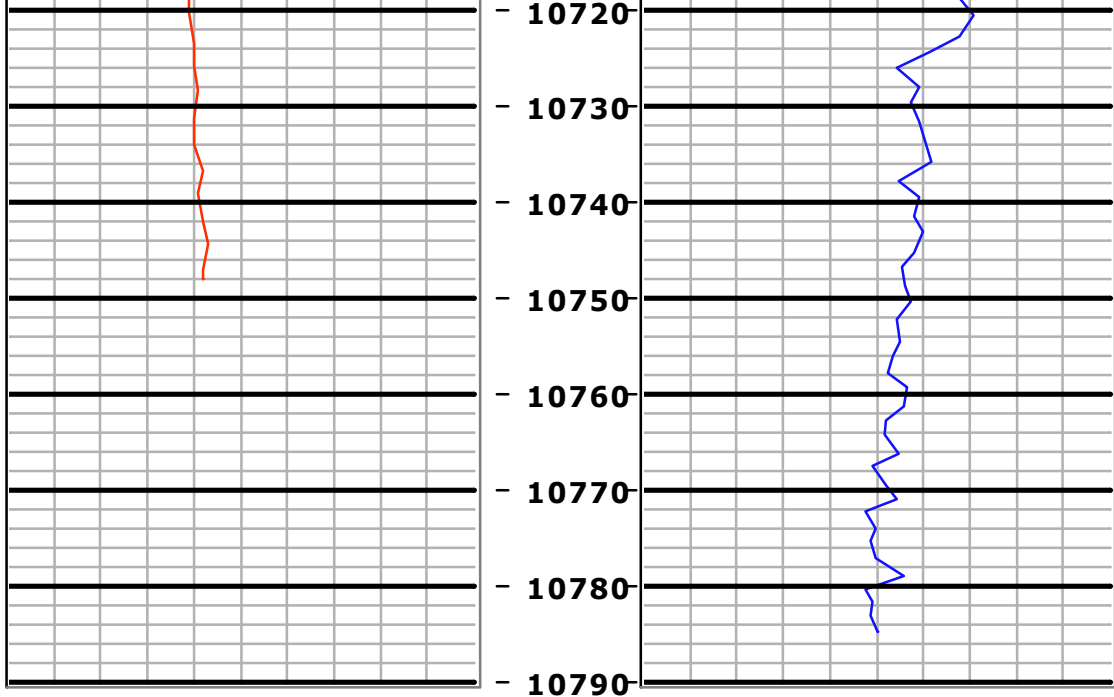












0 Gamma [AAPI] 200

Feet
5":100'
MD

0 ROP [ft per hr] 500

Mezintel

Client: **Bonanza Creek**

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API/UWI: **05-123-39390**

Well Lic:

GDAT: **0**

Surface LSD:

KB: **4610**

State/Prov: **Colorado**

Job #: **2009-331** GL: **4593**

Country: **USA**

MWD Kit: **11** DF: **17.00**