

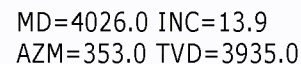
Feet

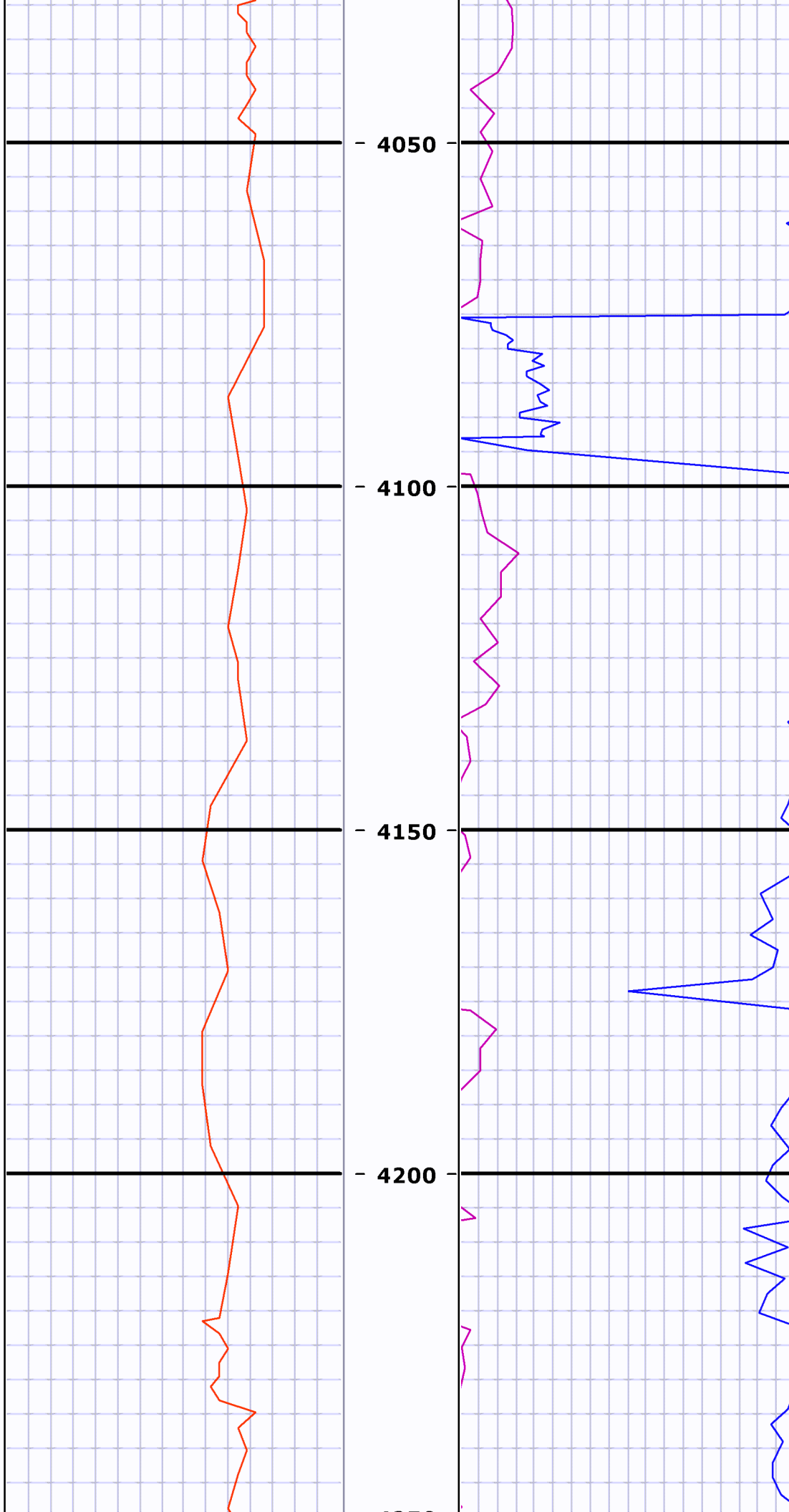
Oil Company:	Bill Barrett
Well Name:	70 Ranch 4-63-3-3225DH
LSD:	
State/Prov:	Colorado
Country:	U.S.A.
Job #:	2009-257
Drilling Co.	Mabors
Rig #:	M-37
Co Rep 1:	Curtis
Co Rep 2:	
Geologist 1:	
Geologist 2:	
DD 1:	Casey Berger
DD 2:	
MWD 1:	David Keele
MWD 2:	Jory Childres
MWD Kit:	

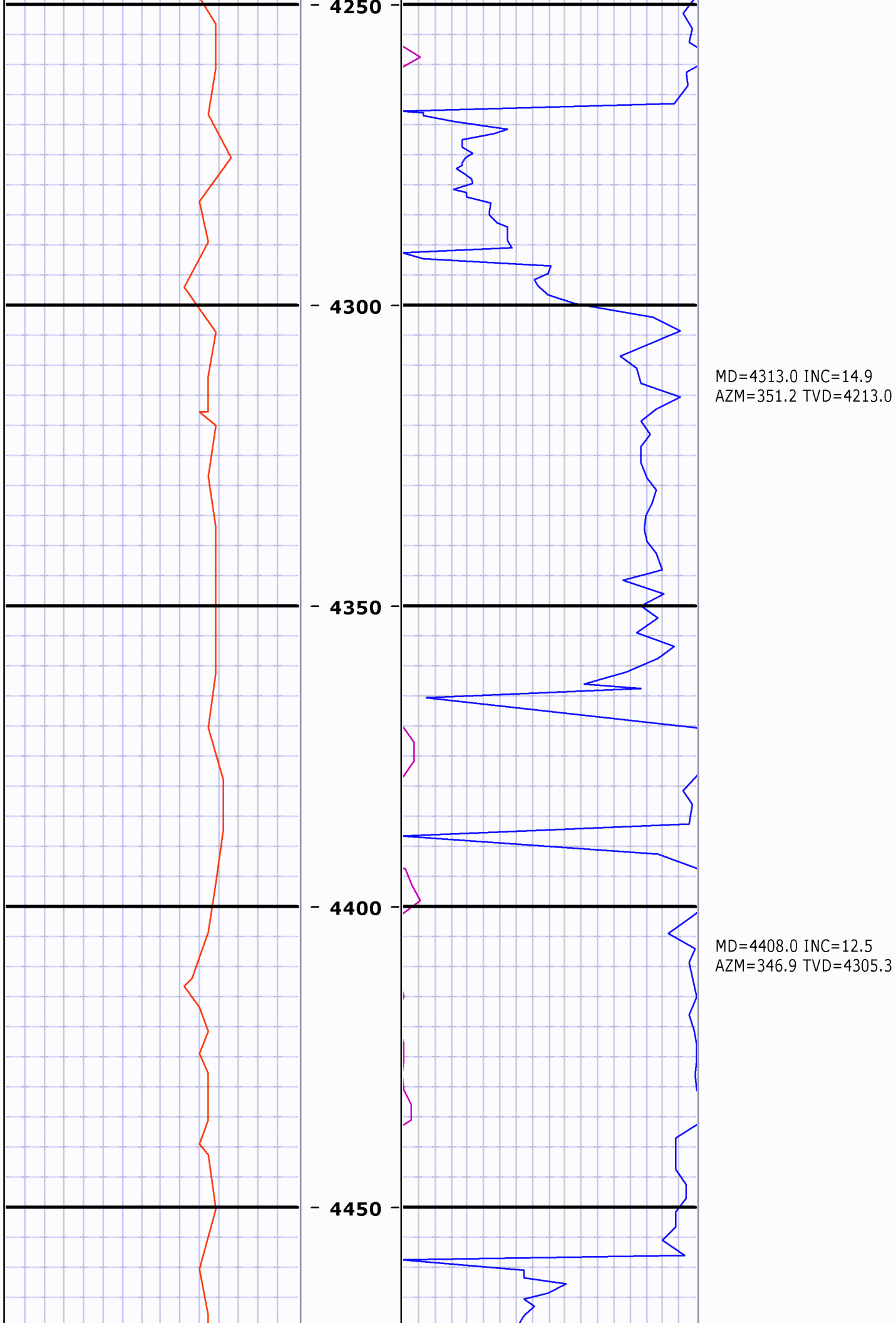
Well Lc: API 05-123-37931
API/UWI:05-123-37931
AFE #: 18533D
GDat: 0

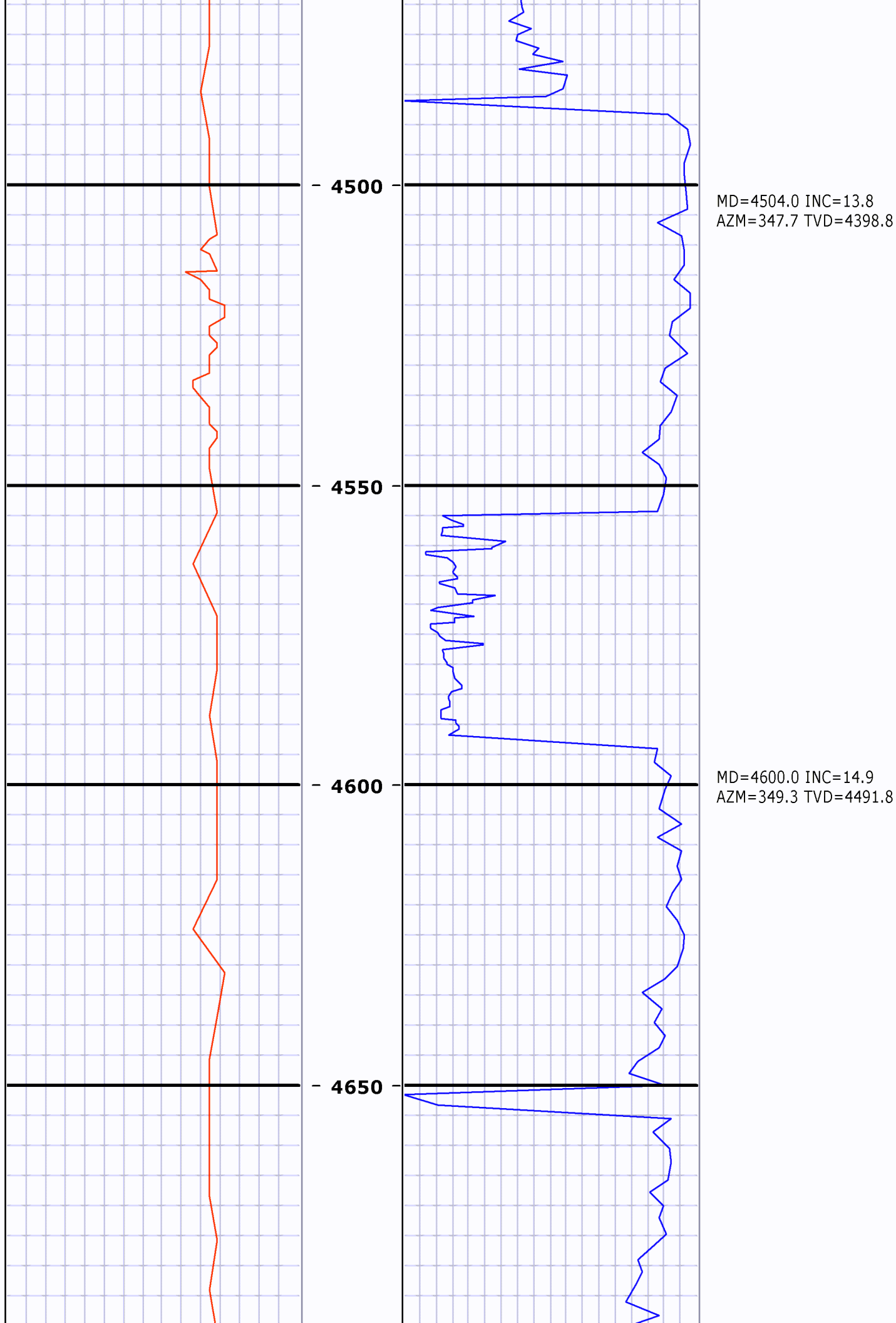
Total Directional uses its best efforts to provide customers with accurate information on services performed but will not be held liable or responsible for accuracy of information or interpretation.

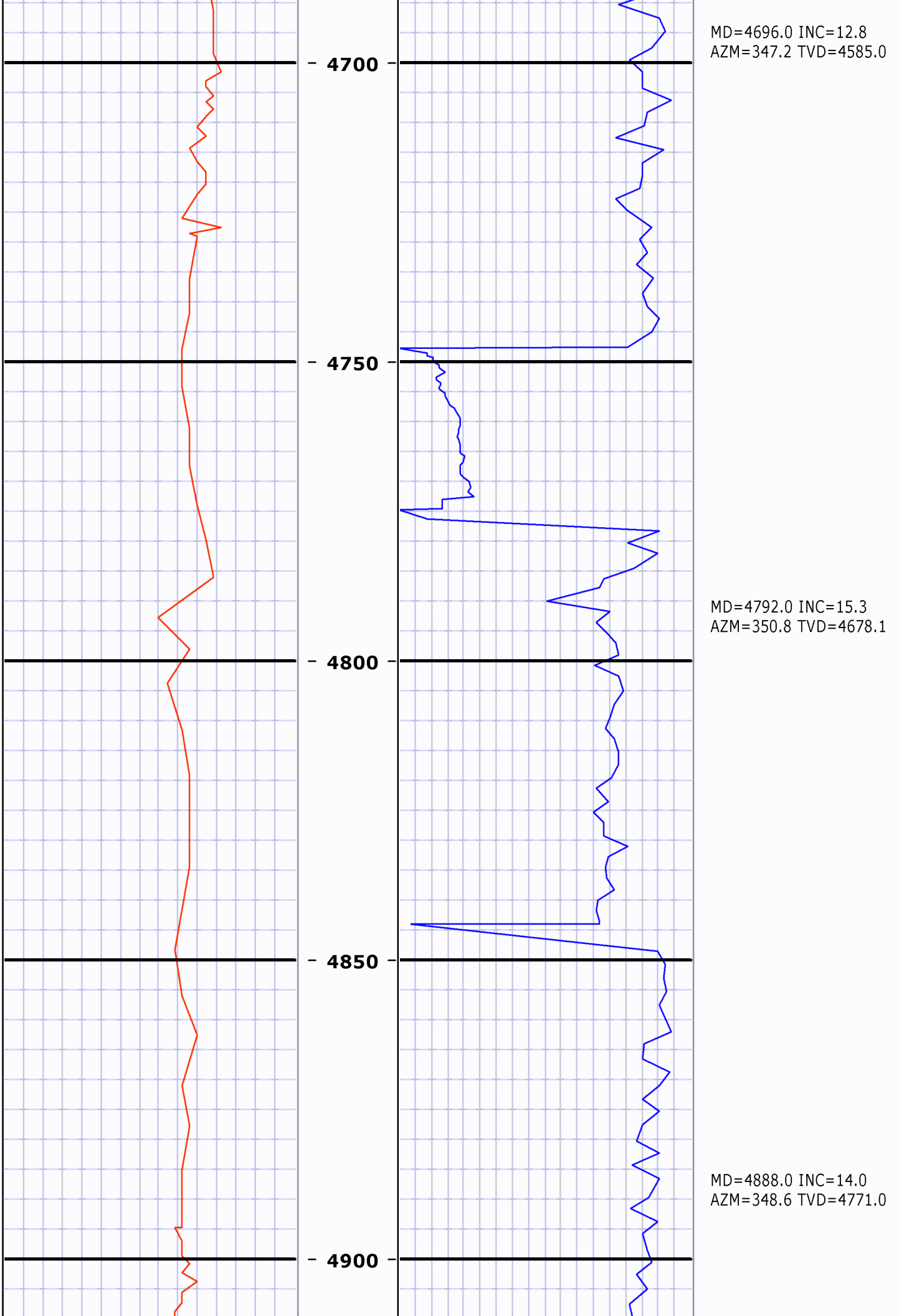
Mezintel













- 4950

- 5000

- 5050

- 5100

MD=4982.0 INC=13.4
AZM=351.9 TVD=4862.3

MD=5078.0 INC=12.9
AZM=351.6 TVD=4955.8



- 5150

- 5200

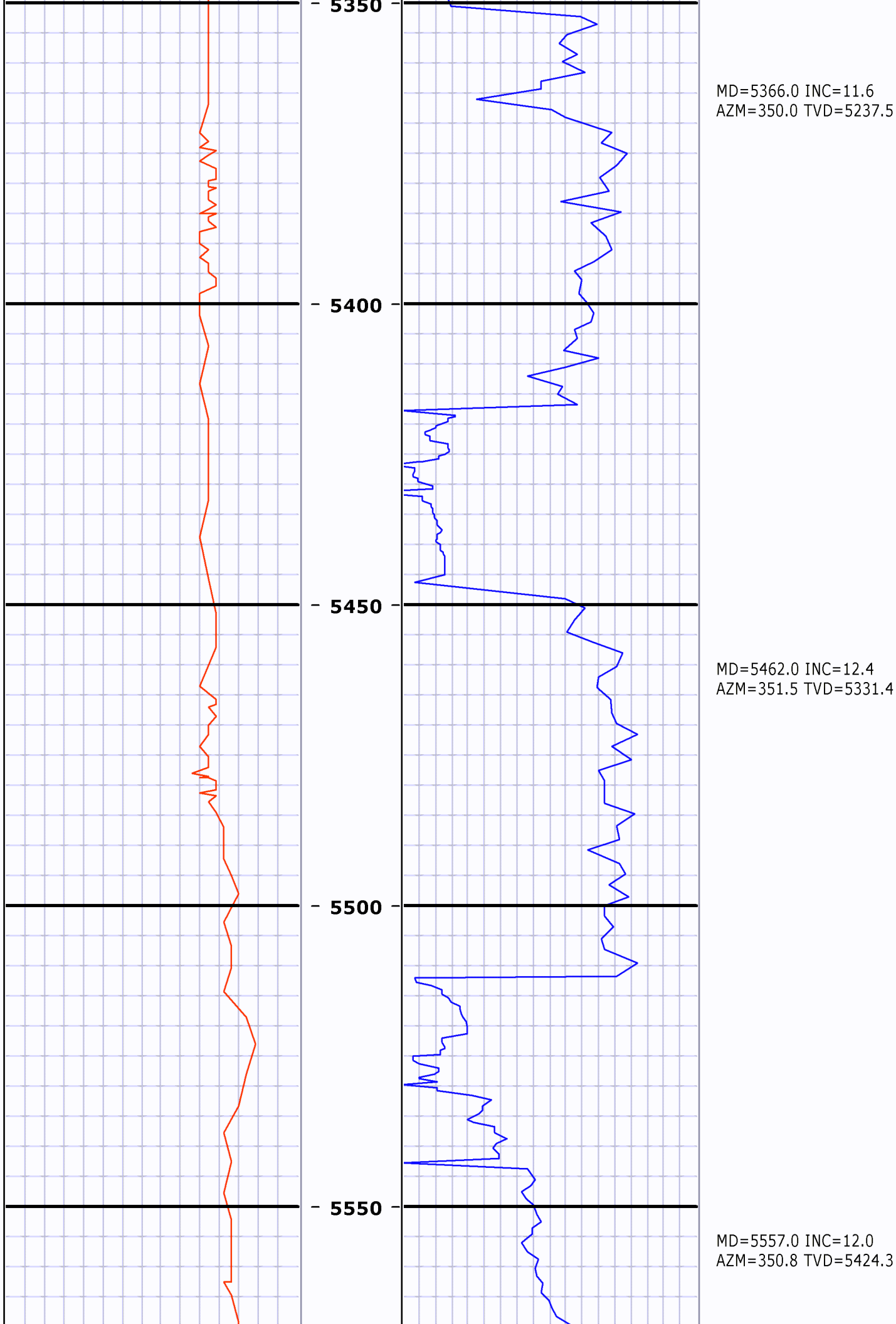
- 5250

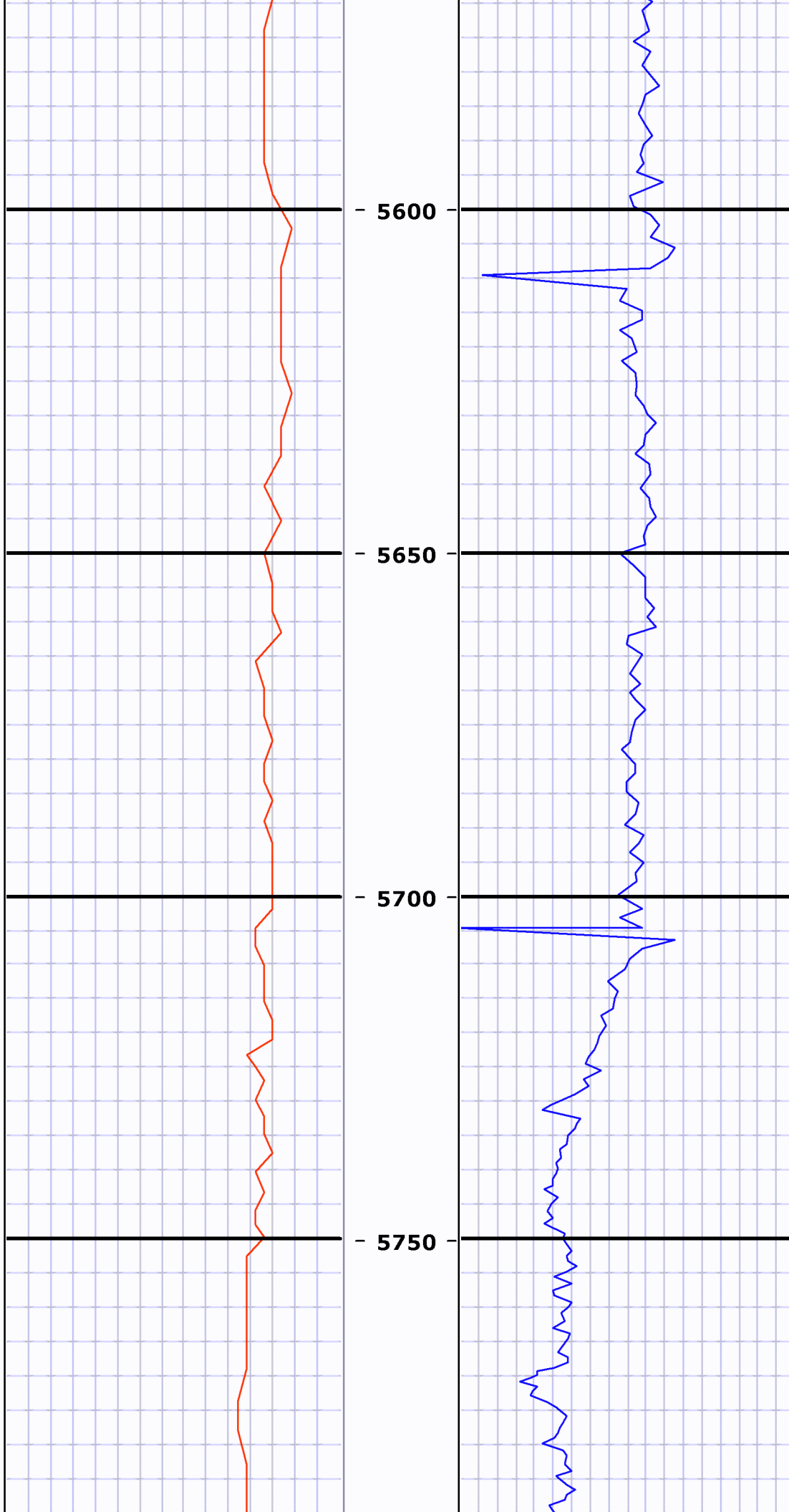
- 5300

5350

MD=5174.0 INC=13.1
AZM=350.8 TVD=5049.4

MD=5270.0 INC=10.6
AZM=347.4 TVD=5143.3





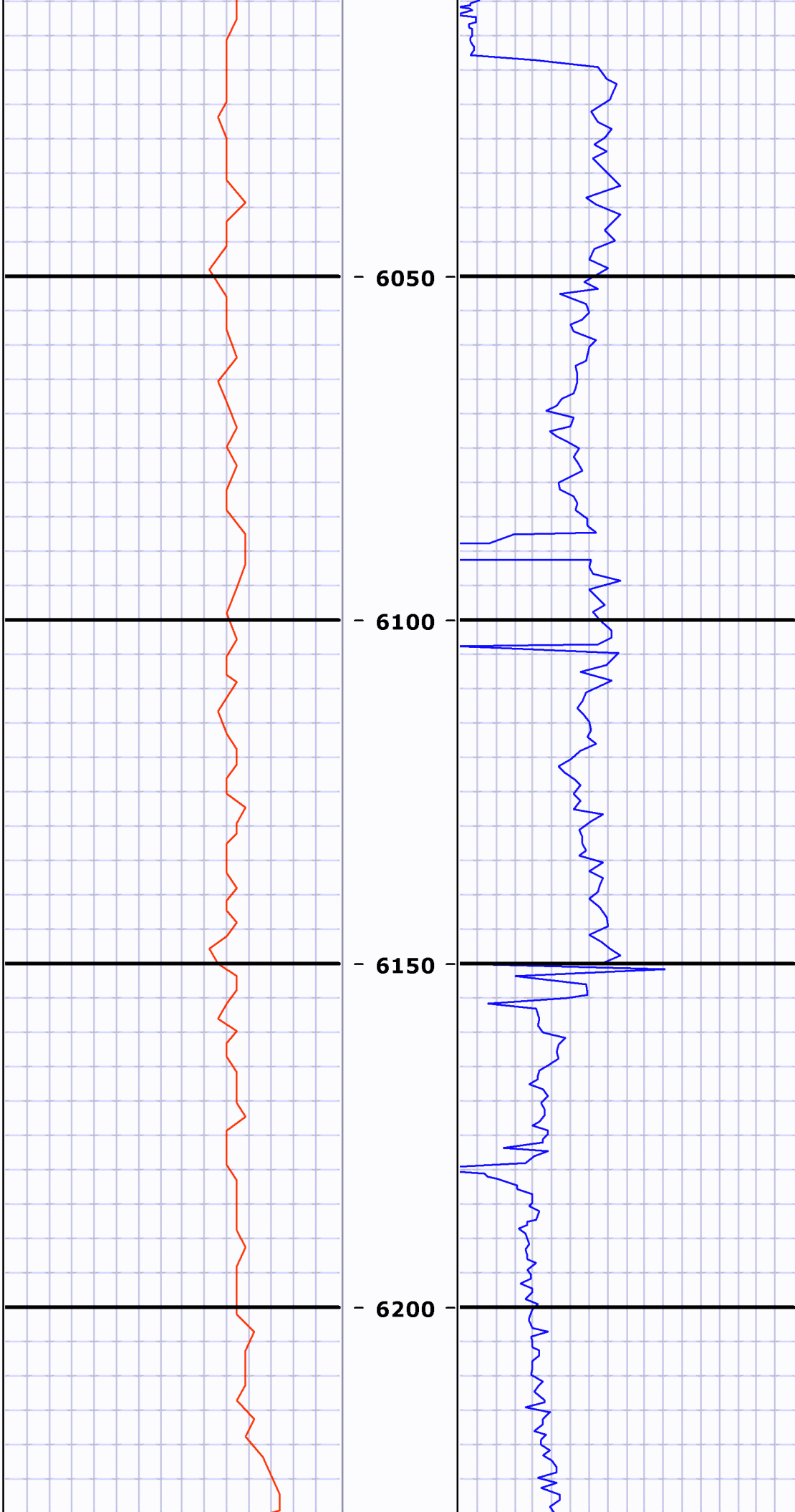
MD=5653.0 INC=9.4
AZM=349.2 TVD=5518.6

MD=5748.0 INC=7.4
AZM=347.9 TVD=5612.6



MD=5844.0 INC=5.1
AZM=346.4 TVD=5708.0

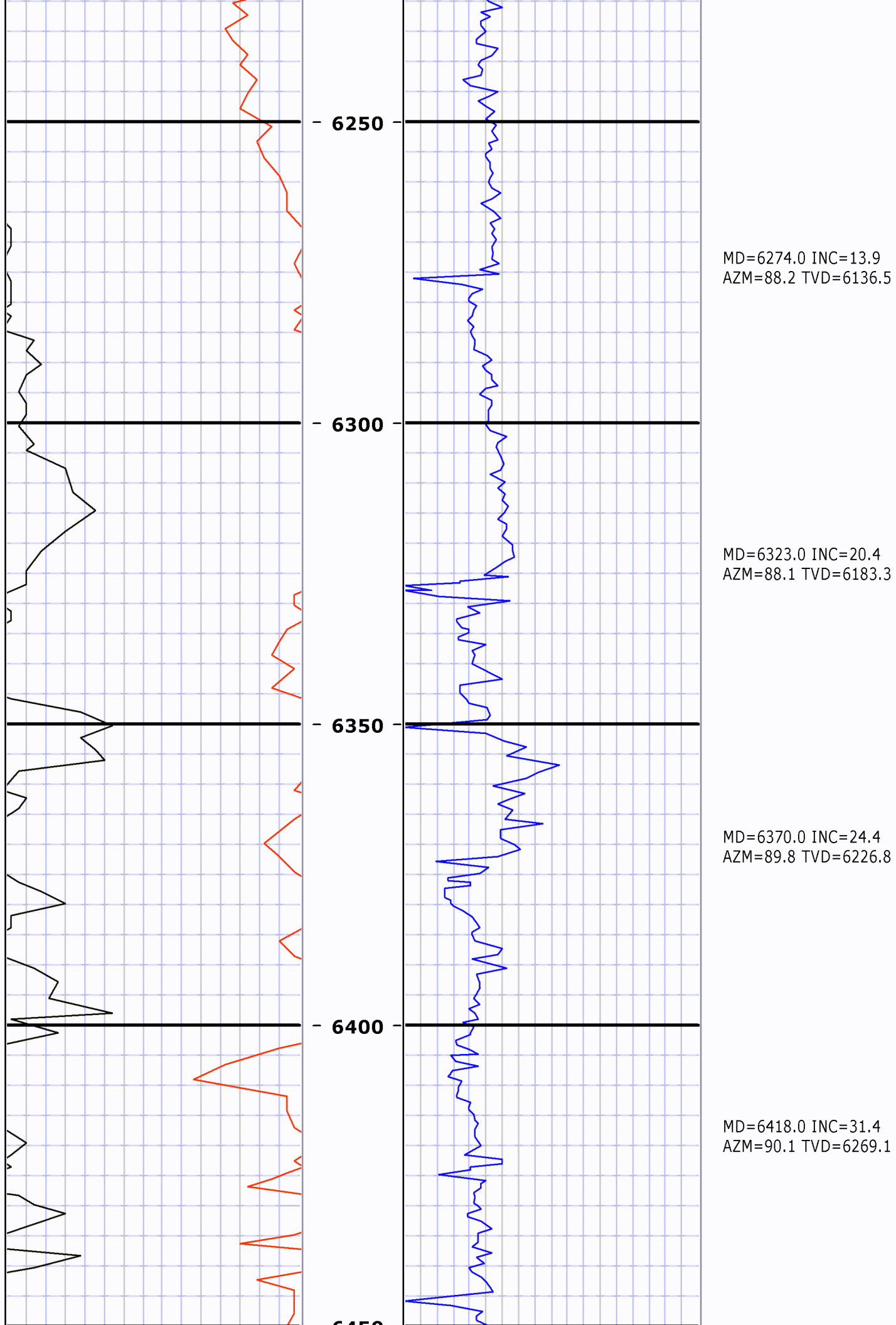
MD=5940.0 INC=4.1
AZM=340.1 TVD=5803.7

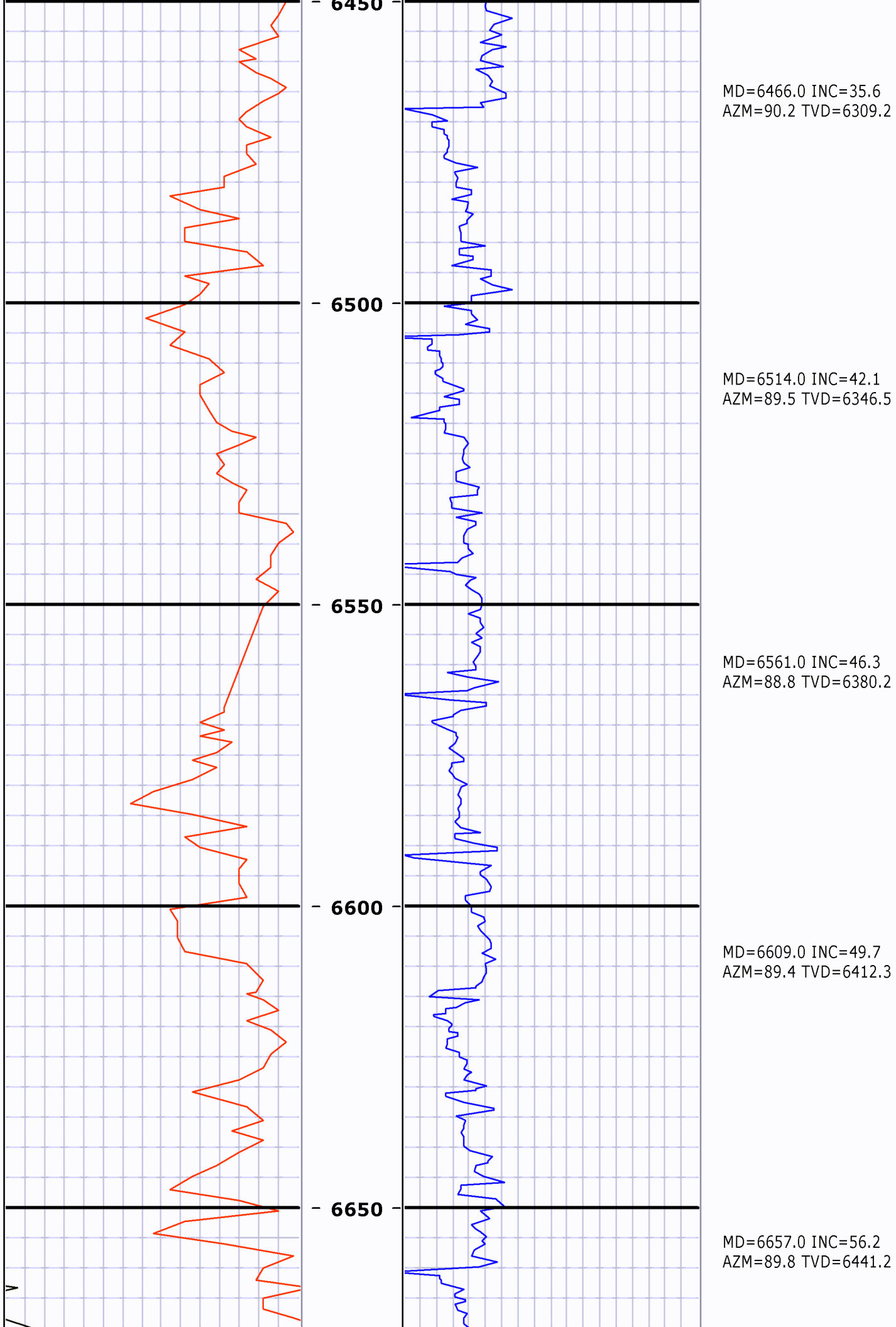


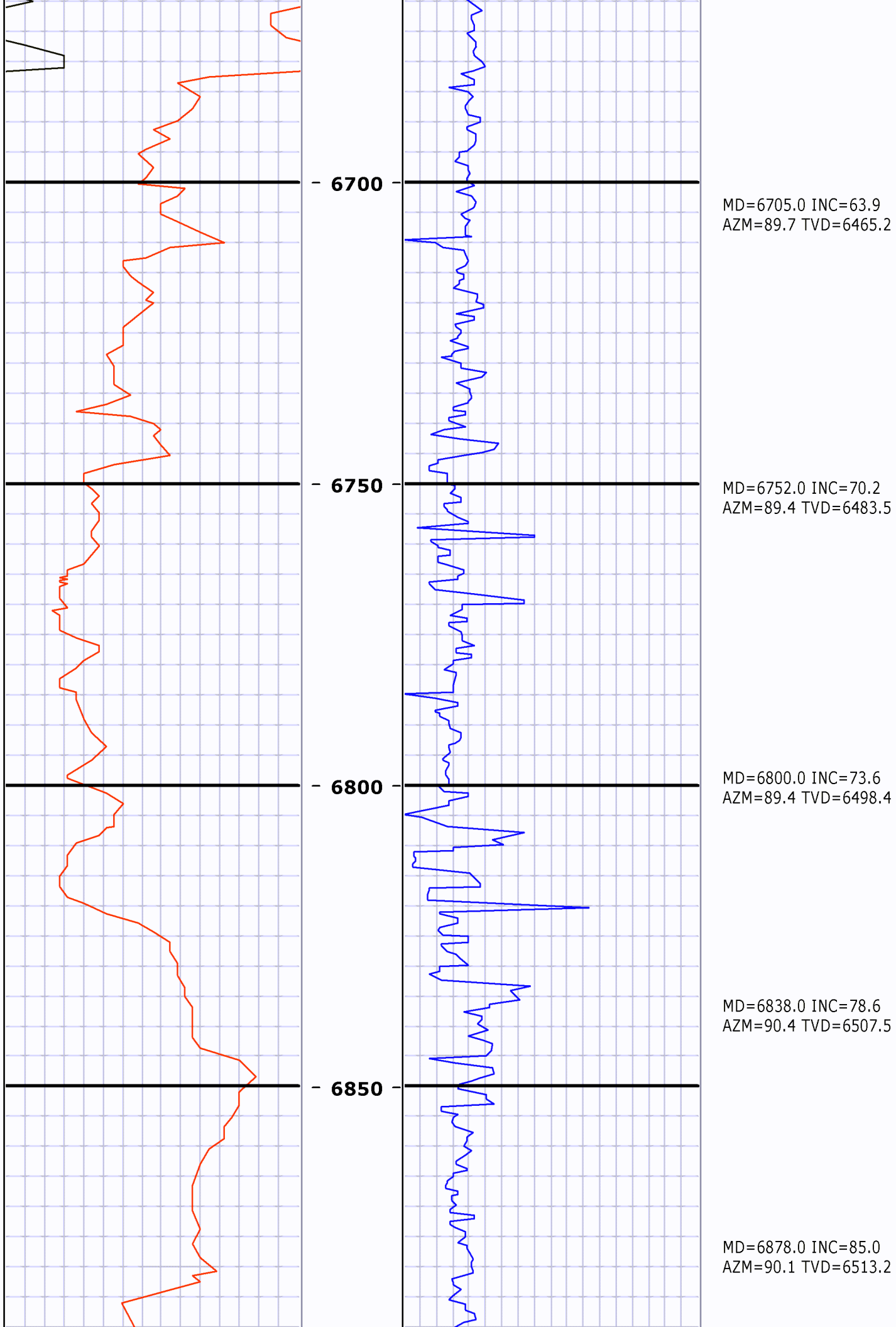
MD=6034.0 INC=1.0
AZM=346.4 TVD=5897.6

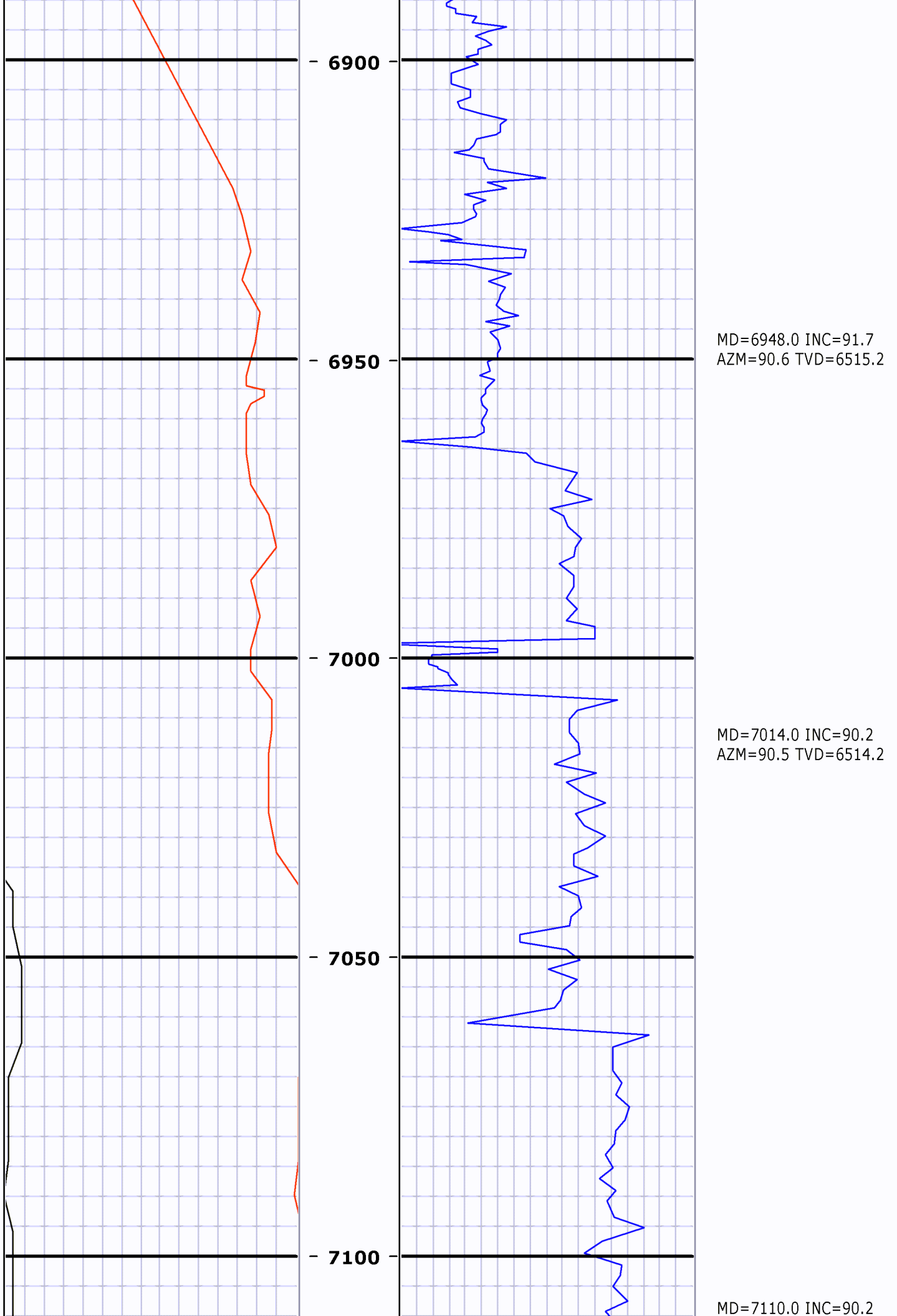
MD=6130.0 INC=0.5
AZM=319.6 TVD=5993.6

MD=6226.0 INC=7.0
AZM=93.7 TVD=6089.3

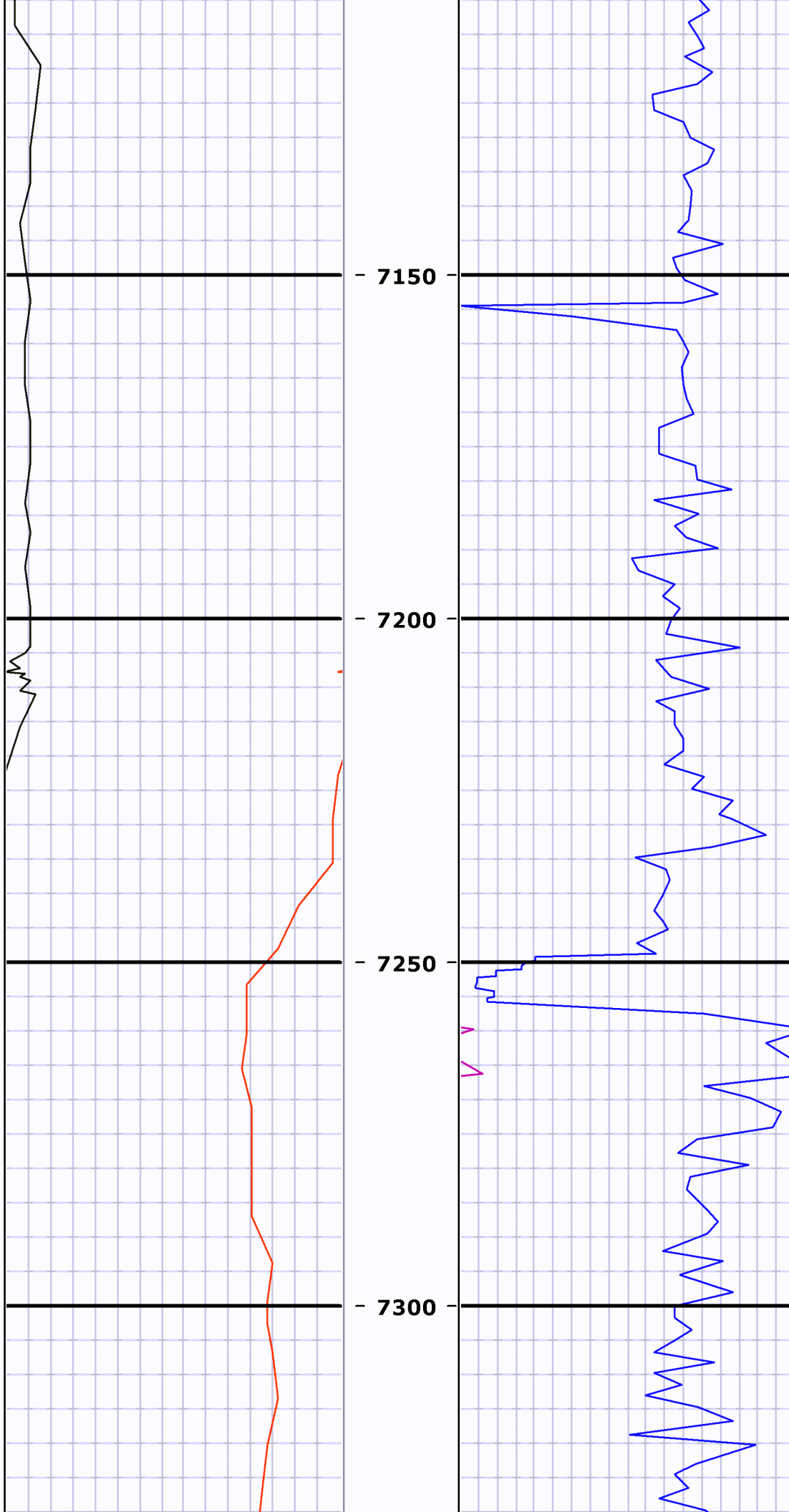








AZM=91.2 TVD=6513.8



- 7150

- 7200

- 7250

- 7300

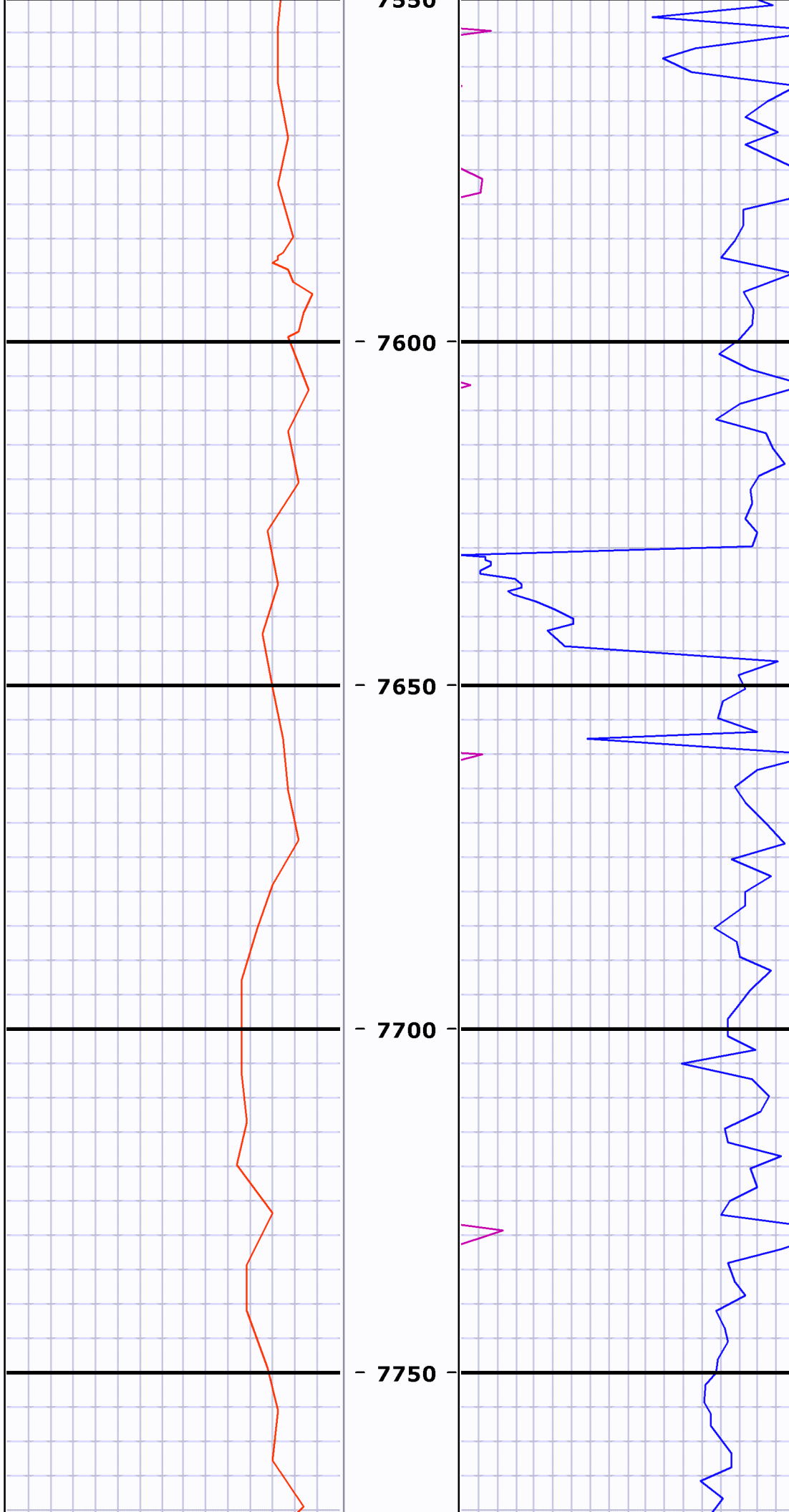
MD=7205.0 INC=90.1
AZM=91.7 TVD=6513.6

MD=7301.0 INC=91.3
AZM=91.4 TVD=6512.4



MD=7396.0 INC=91.7
AZM=91.4 TVD=6509.9

MD=7491.0 INC=90.6
AZM=90.2 TVD=6508.0



MD=7586.0 INC=90.7
AZM=90.6 TVD=6506.9

MD=7682.0 INC=89.8
AZM=89.0 TVD=6506.5

MD=7778.0 INC=89.9
AZM=89.2 TVD=6506.8

- 7800 -

- 7850 -

- 7900 -

- 7950 -

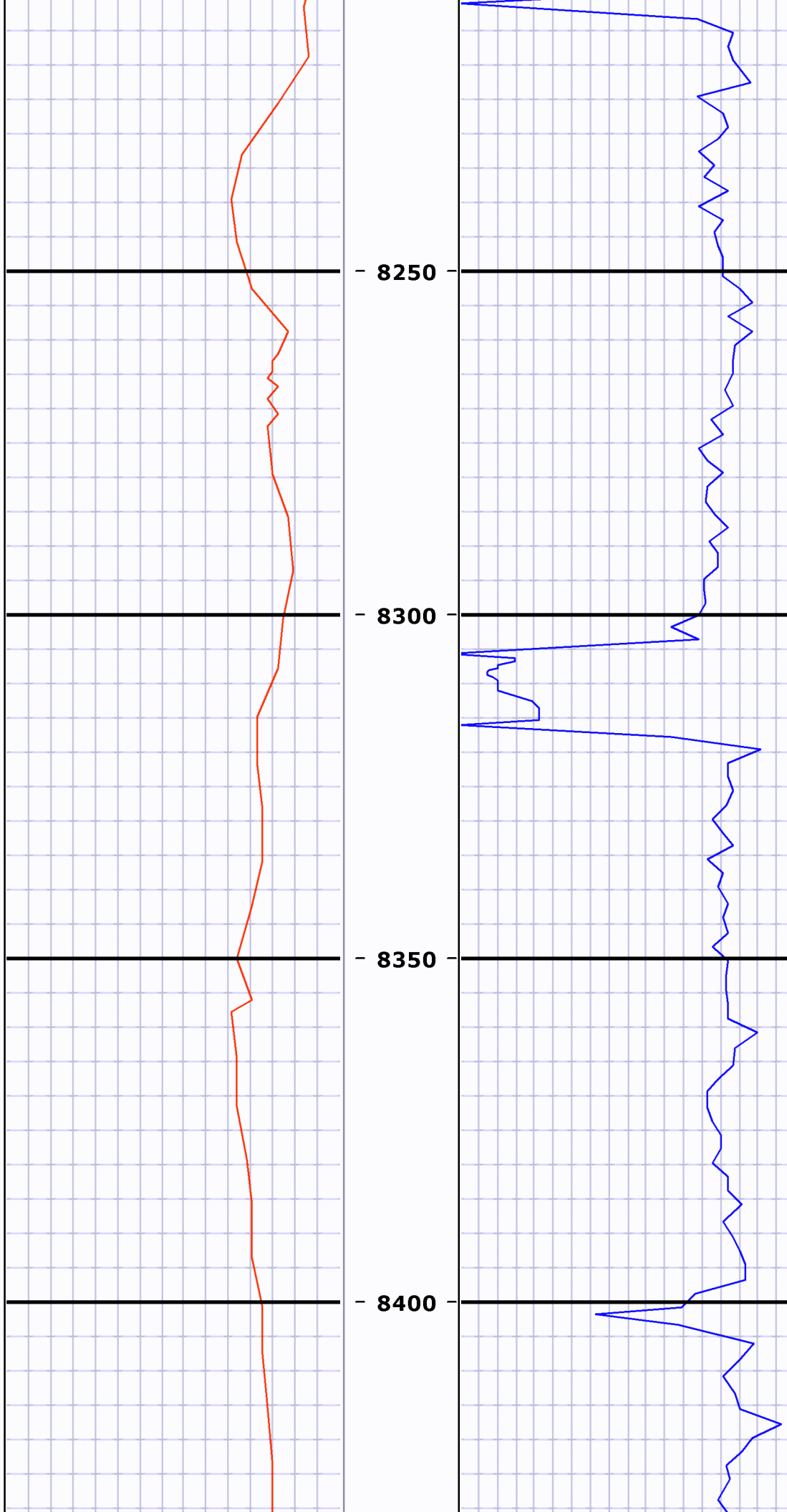
MD=7875.0 INC=90.0
AZM=89.3 TVD=6506.8

MD=7971.0 INC=89.5
AZM=89.6 TVD=6507.3



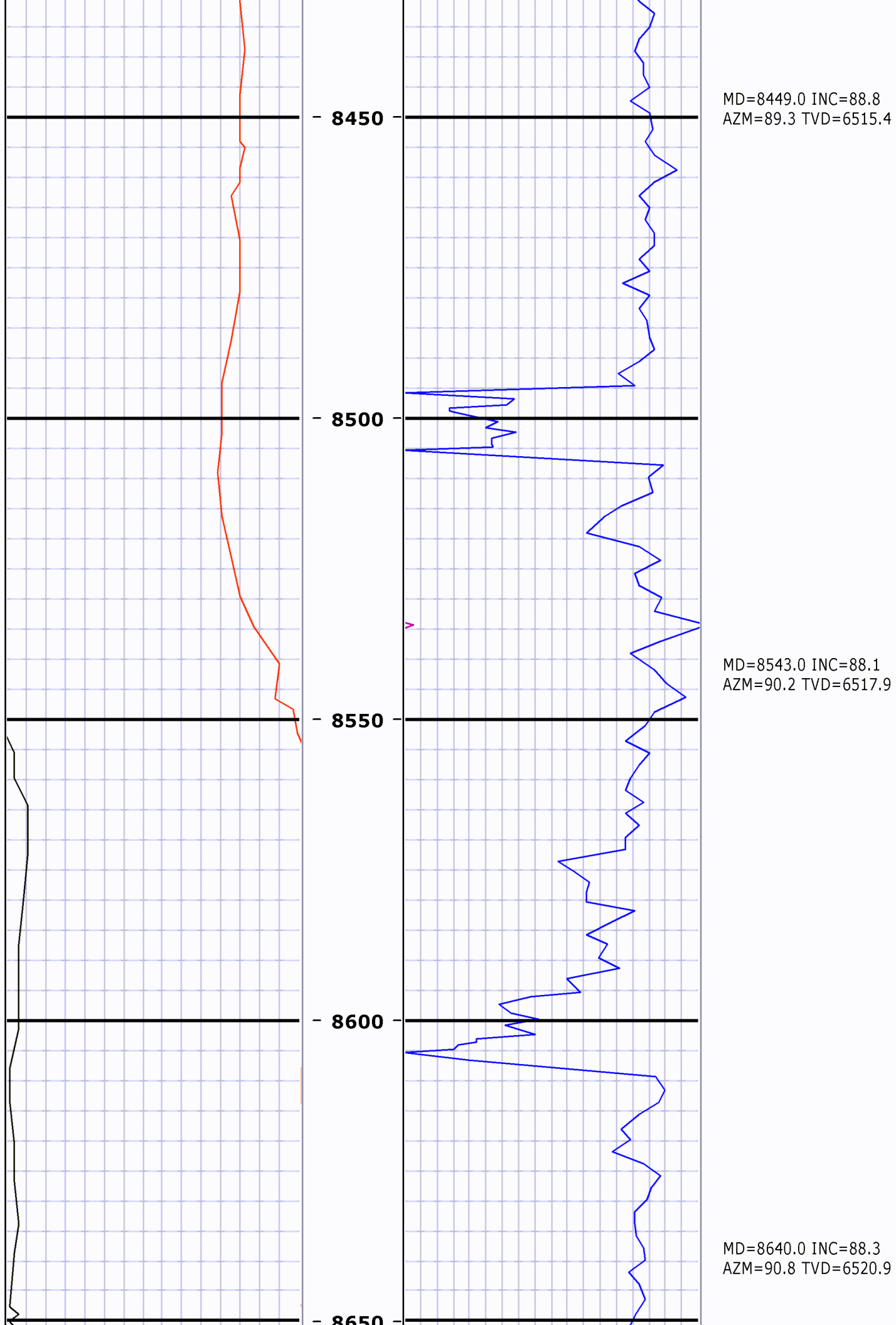
MD=8067.0 INC=89.4
AZM=89.5 TVD=6508.2

MD=8162.0 INC=89.2
AZM=89.2 TVD=6509.3



MD=8257.0 INC=88.3
AZM=88.4 TVD=6511.4

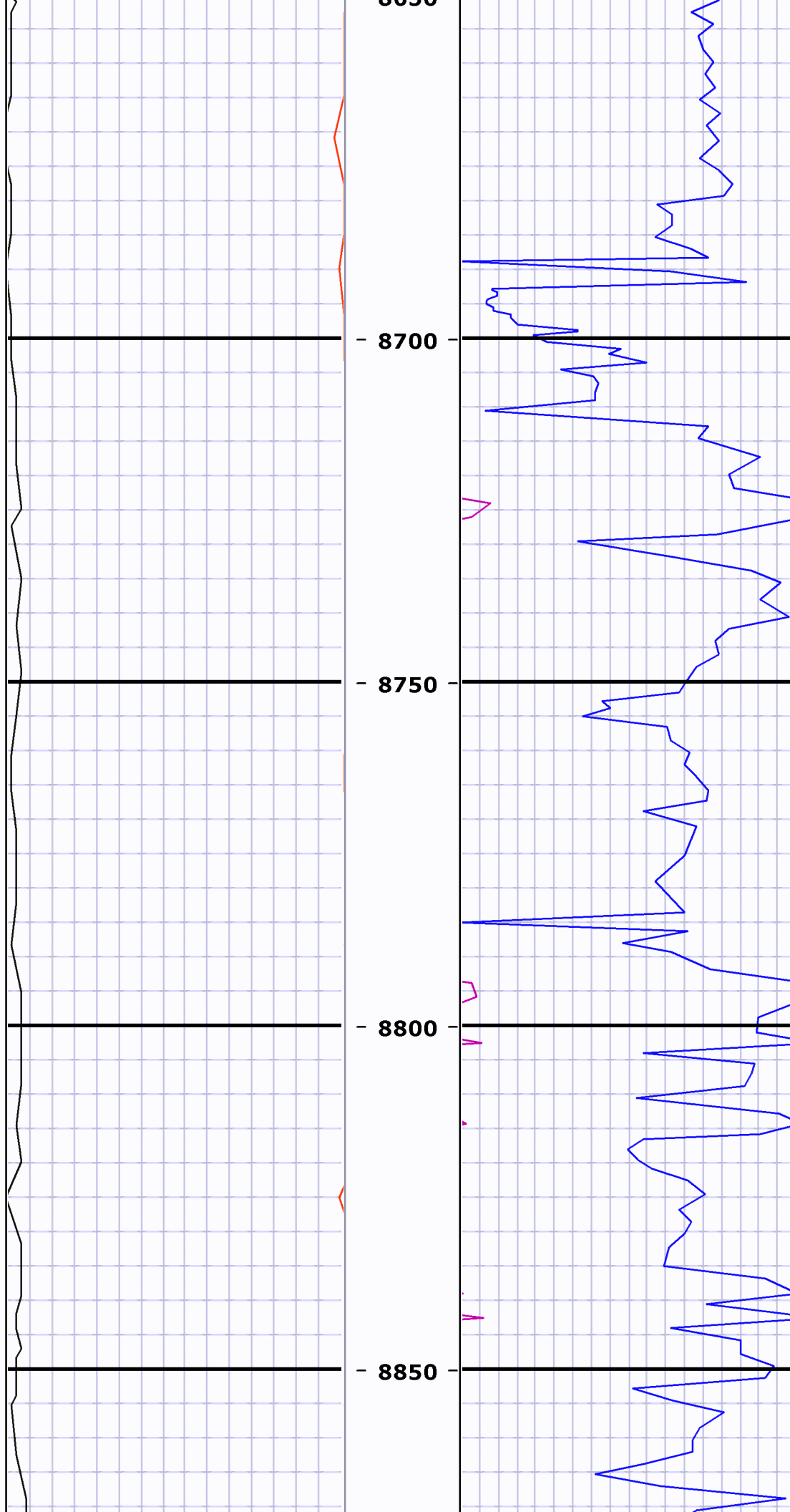
MD=8354.0 INC=89.1
AZM=89.6 TVD=6513.6



MD=8449.0 INC=88.8
AZM=89.3 TVD=6515.4

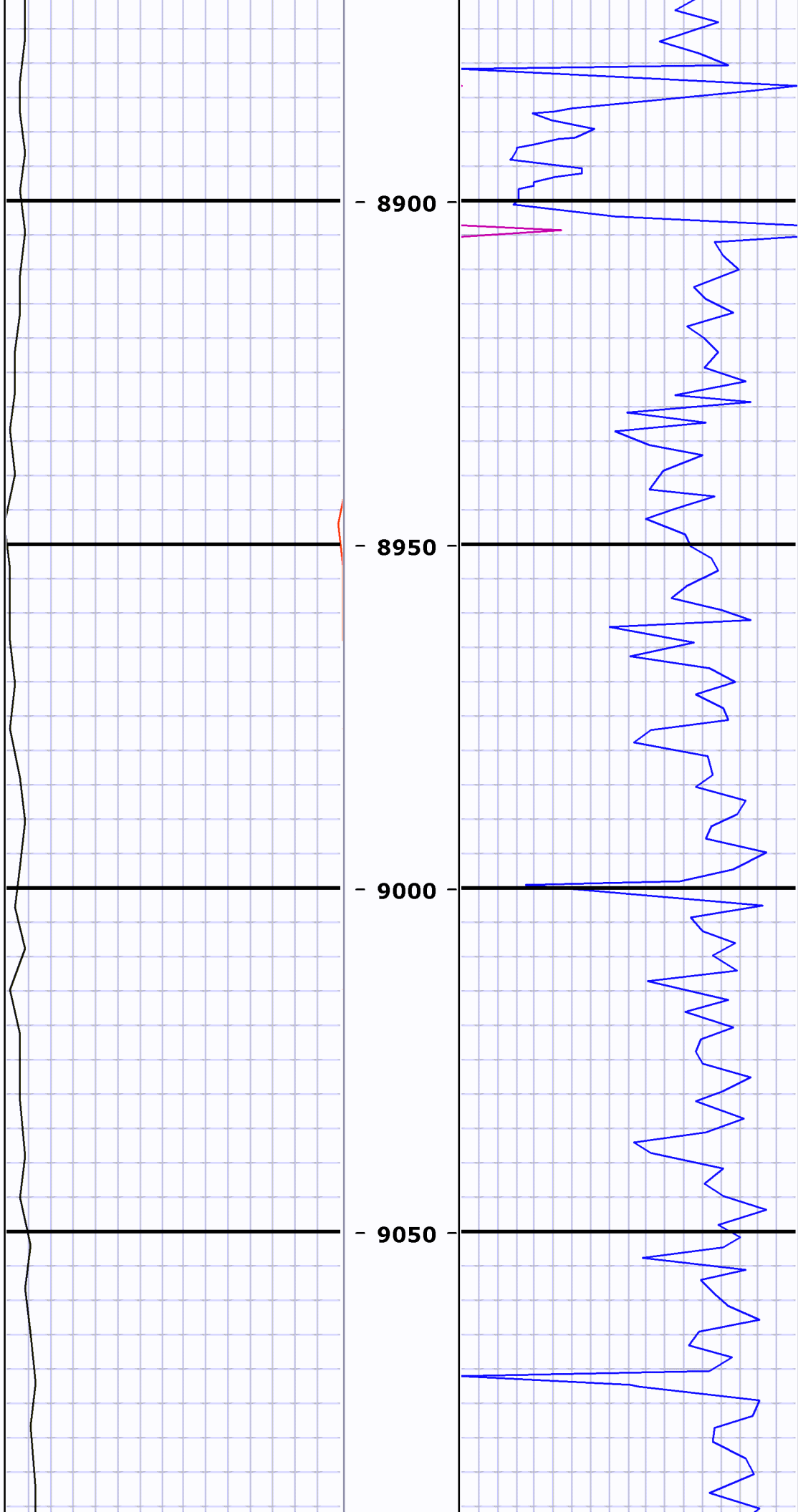
MD=8543.0 INC=88.1
AZM=90.2 TVD=6517.9

MD=8640.0 INC=88.3
AZM=90.8 TVD=6520.9



MD=8736.0 INC=89.7
AZM=91.7 TVD=6522.6

MD=8832.0 INC=89.3
AZM=90.3 TVD=6523.5



- 8900

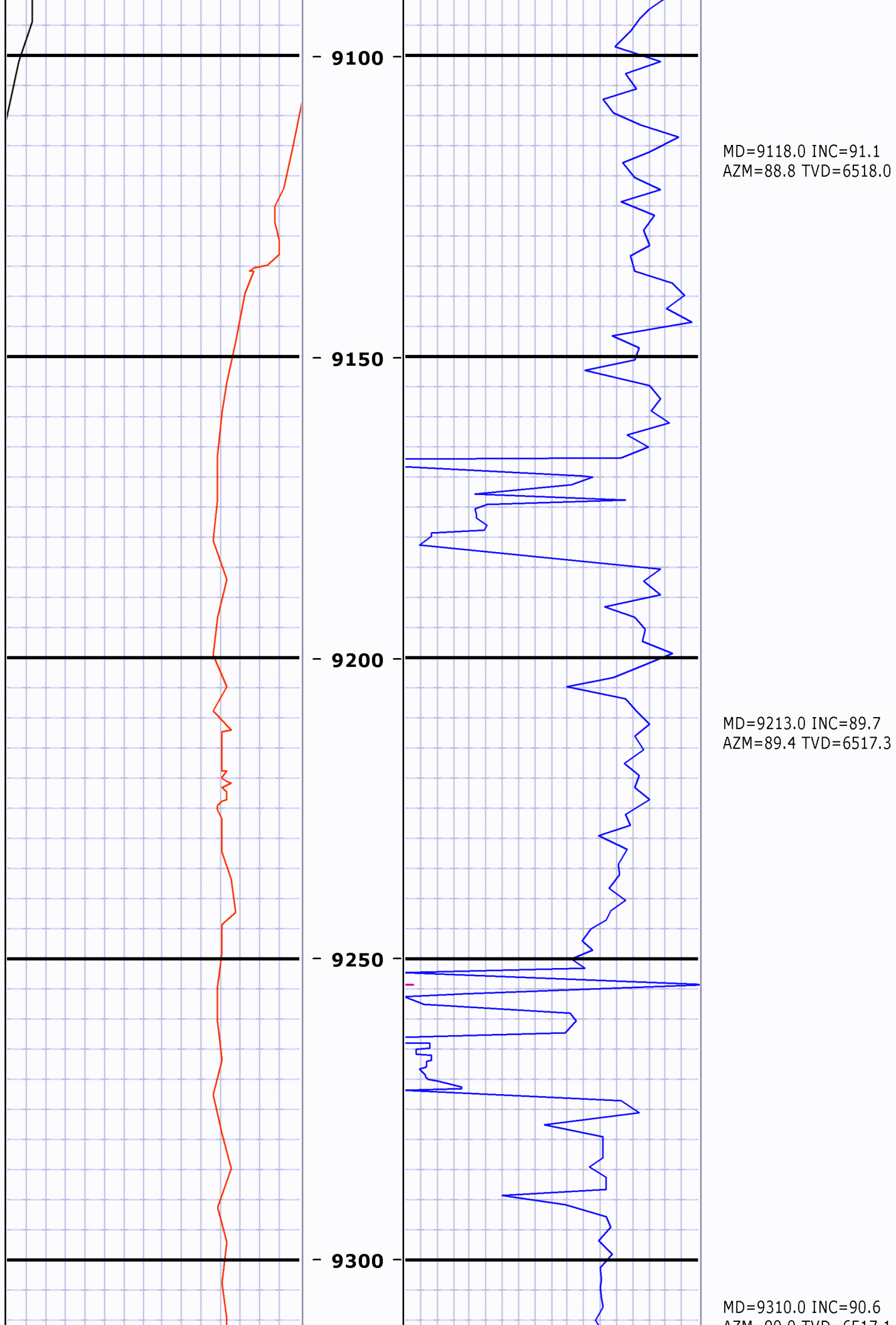
- 8950

- 9000

- 9050

MD=8928.0 INC=91.8
AZM=90.9 TVD=6522.5

MD=9023.0 INC=91.3
AZM=89.6 TVD=6520.0



AZM=90.0 TVD=6517.1



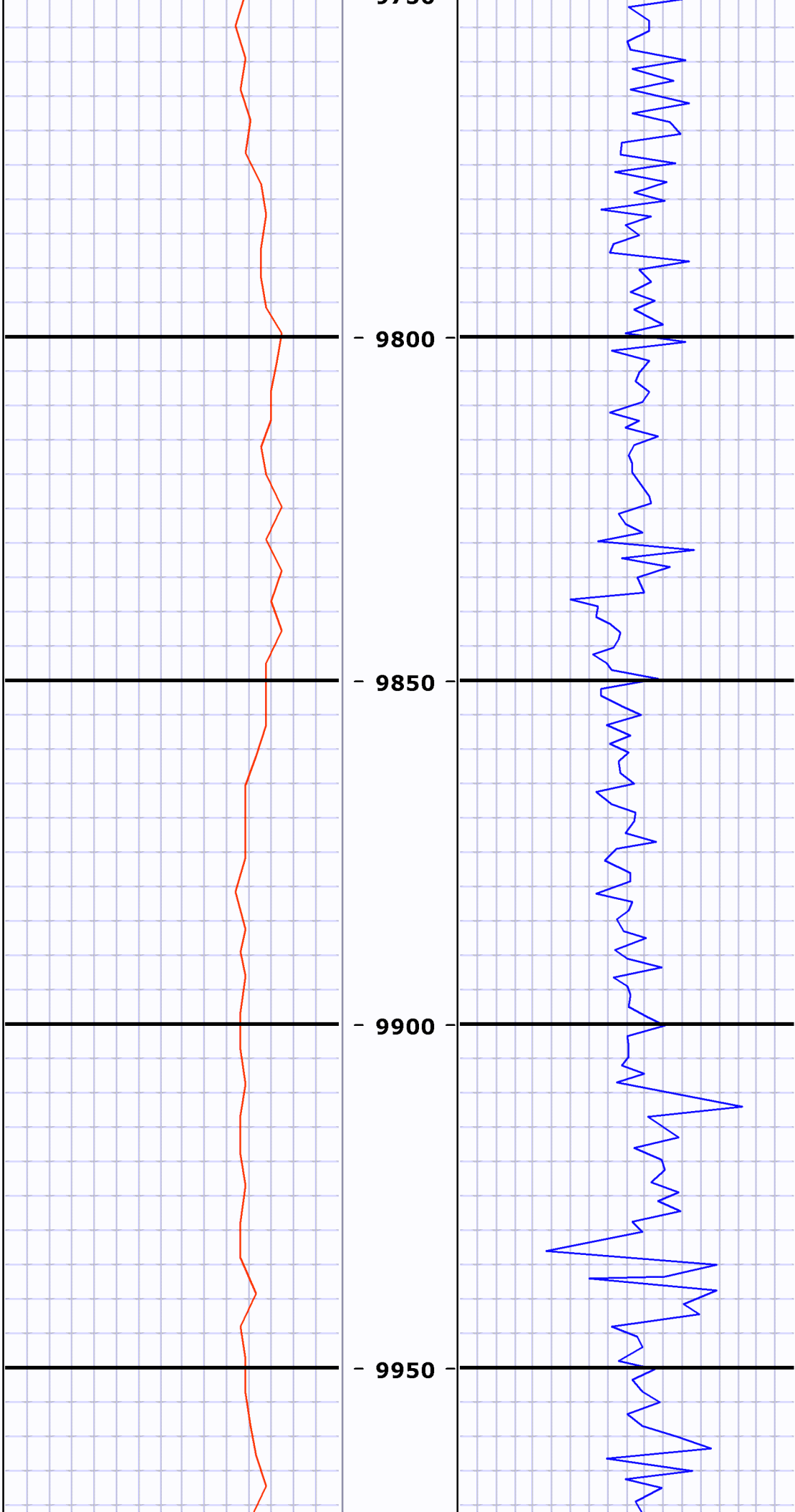
MD=9407.0 INC=90.1
AZM=91.9 TVD=6516.5

MD=9503.0 INC=90.3
AZM=91.6 TVD=6516.1



MD=9599.0 INC=90.4
AZM=91.3 TVD=6515.5

MD=9694.0 INC=90.2
AZM=93.0 TVD=6515.0



MD=9790.0 INC=90.3
AZM=91.9 TVD=6514.6

MD=9885.0 INC=90.6
AZM=91.7 TVD=6513.9

MD=9981.0 INC=90.8
AZM=90.9 TVD=6512.7

- 10000

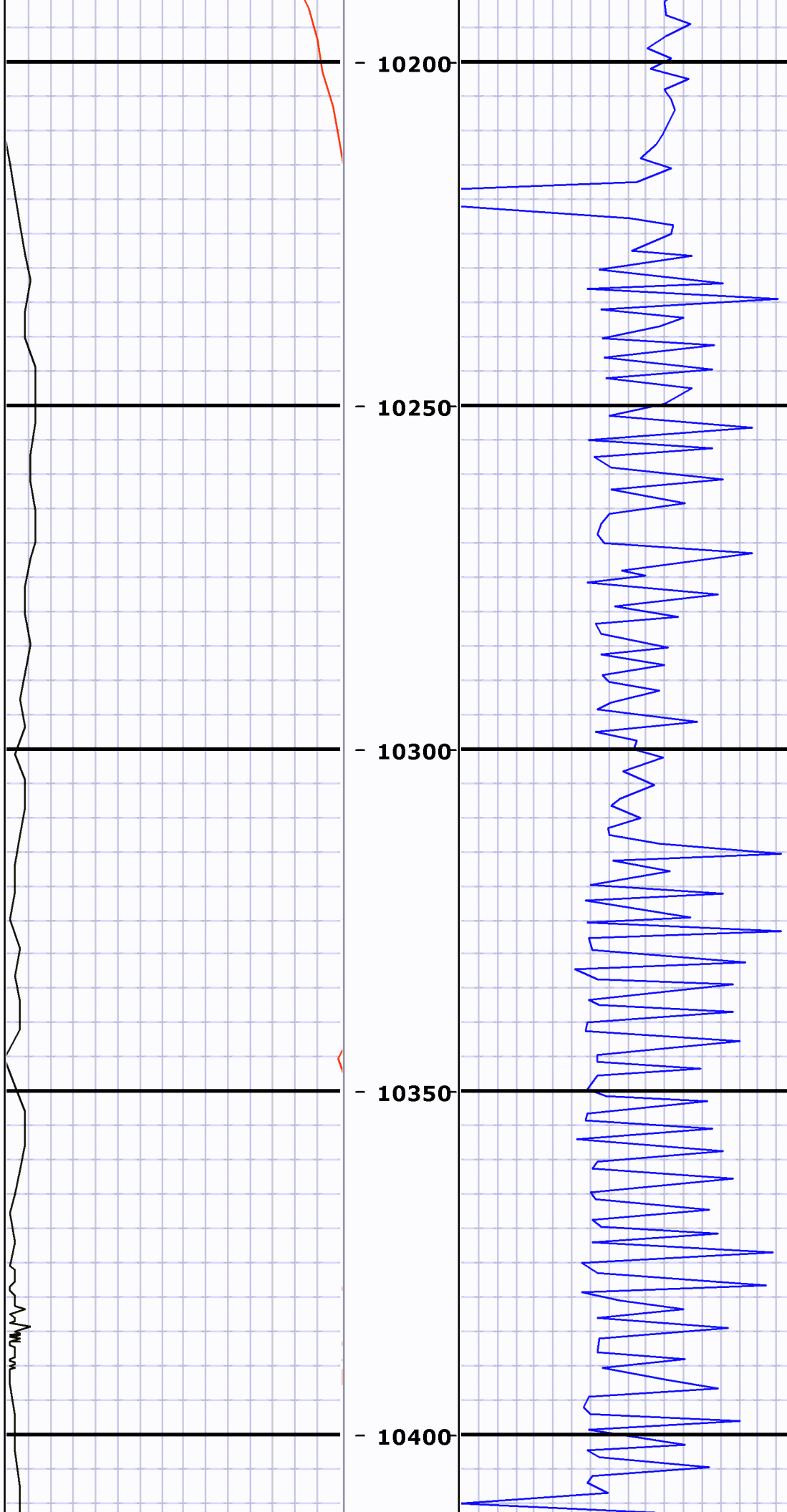
- 10050

- 10100

- 10150

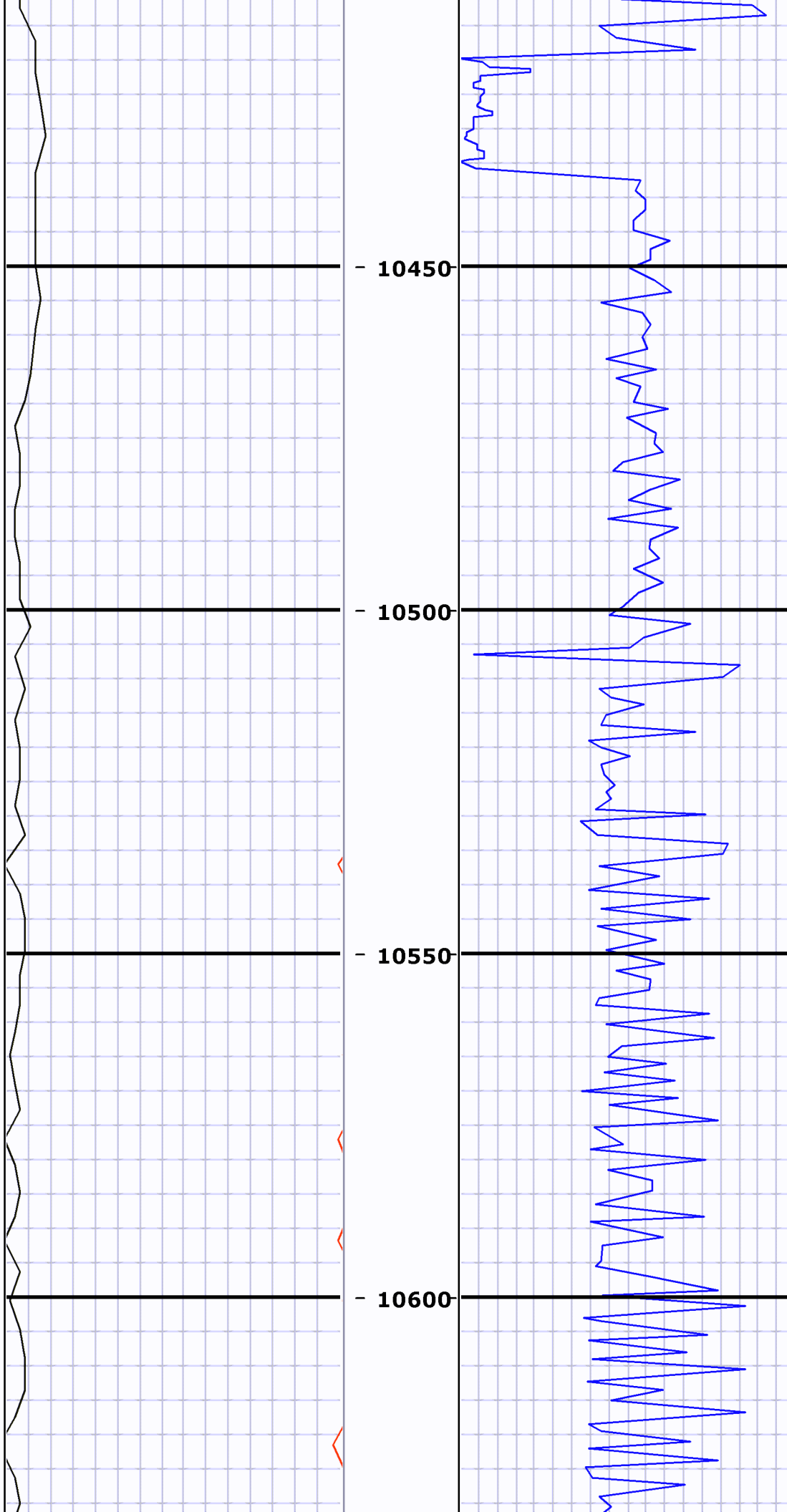
MD=10077.0 INC=89.3
AZM=91.7 TVD=6512.6

MD=10172.0 INC=89.5
AZM=91.1 TVD=6513.6



MD=10266.0 INC=89.4
AZM=90.9 TVD=6514.5

MD=10361.0 INC=88.8
AZM=91.0 TVD=6516.0



- 10450

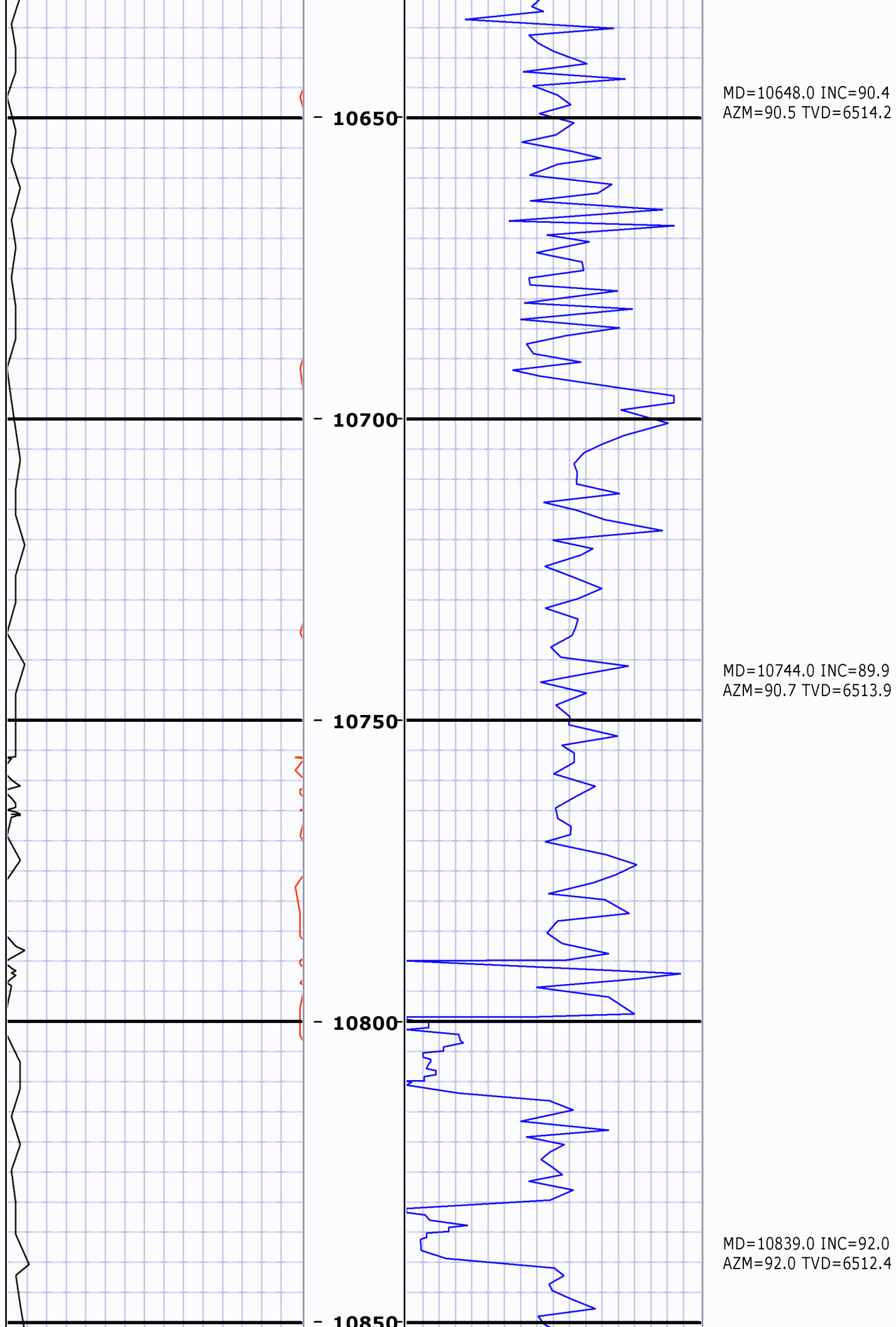
MD=10457.0 INC=90.7
AZM=90.7 TVD=6516.4

- 10500

- 10550

MD=10552.0 INC=90.8
AZM=90.7 TVD=6515.2

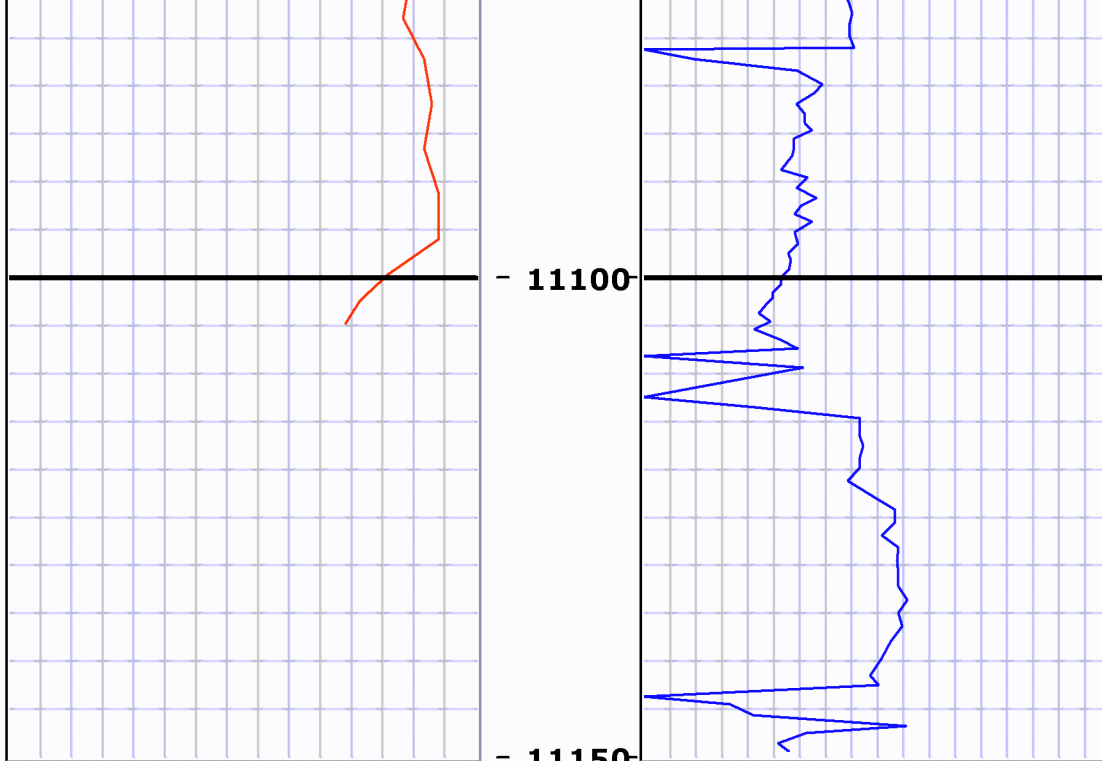
- 10600





MD=10935.0 INC=92.0
AZM=92.1 TVD=6509.0

MD=11031.0 INC=92.0
AZM=92.3 TVD=6505.7



MD=11101.0 INC=92.2
AZM=92.4 TVD=6503.1

0	Gamma [AAPI]	150
150	Gamma [AAPI]	300

Feet
5":100'
MD

0	ROP [ft per hr]	450
450	ROP [ft per hr]	900

Mezintel

Client: **Bill Barrett**

Well Name: **70 Ranch 4-63-3-3225DH**

API/UWI: **05-123-37931**

Well Lic: **API 05-123-37931**

GDAT: **0**

Surface LSD: **KB: 0**

State/Prov: **Colorado** Job #: **2009-257** GL: **4559**

Country: **U.S.A.** MWD Kit: **DF: 0**