

Oil Co: **CARRIZO OIL & GAS**  
 Well Name: **Barracuda 20-14-7-60**  
 LSD: **WELD COUNTY RD 101, RD 80**  
 State/Prov: **COLORADO**  
 Country: **USA**  
 Job #: **RL11598**

Oil Company: **CARRIZO OIL & GAS**  
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 LSD: **WELD COUNTY RD 101, RD 80**  
 State/Prov: **COLORADO**  
 Country: **USA**  
 Job #: **RL11598**  
 Drilling Co. **MULTISHOT DIRECTIONAL**  
 Rig #: **XTREME 19**  
 Co Rep 1: **PHIL WILSON**  
 Co Rep 2:  
 Geologist 1:  
 Geologist 2:  
 DD 1: **TOM BECKETT**  
 DD 2: **CHEECH LOPEZ**  
 MWD 1: **CHRIS ANDERSON**  
 MWD 2: **ALBERTO BELINA**  
 MWD Kit: **35**  
 Well Lic:  
 API/UWI:N/A  
 AFE #:

Casing Depths		MD	Depth	Date	KB:		
Surface:		Start:	<b>5771.00</b>	<b>11/23/11</b>	<b>17.00</b>		
Intermediate:		End:			<b>GL:4973.50</b>		
					<b>DF:4956.50</b>		
Run #	Hole Size(mm)	Gamma Offset	Survey Offset	Depth Start	Depth End	Date Start	Date End
01	8.75	47.0	56.0	5604.0	6861.0	Nov 22, 11	Nov 28, 11
02	6.125	48.0	57.0	6861.0	10162.5	Nov 28, 11	Dec 01, 11

FIELD COPY ONLY-

ARCHER 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.

Client: **CARRIZO OIL & GAS**

Well Name: **Barracuda 20-14-7-60**

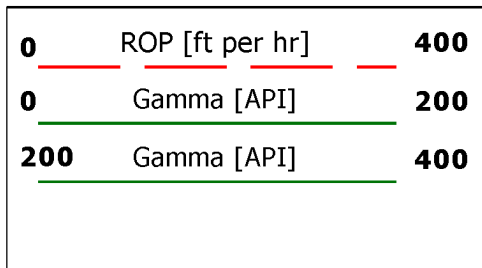
Well Lic: \_\_\_\_\_

API/UWI: **N/A**

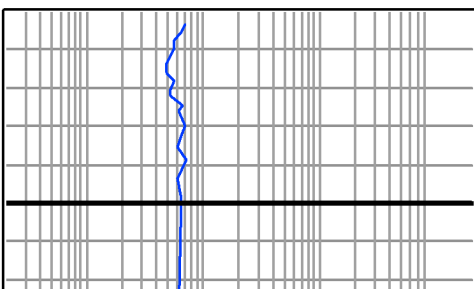
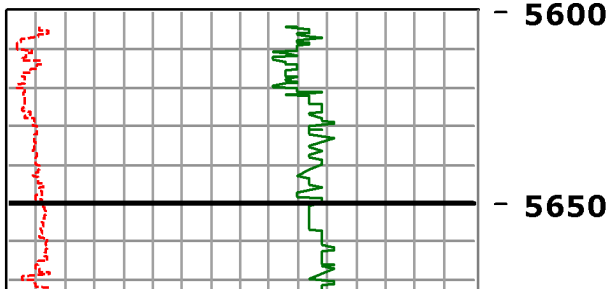
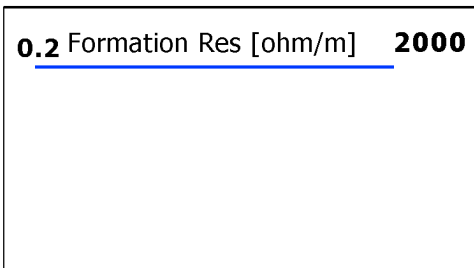
Surface LSD: **WELD COUNTY RD 101, RD 80** KB: **17.00**

State/Prov: **COLORADO** Job #: **RL11598** GL: **4973.50**

Country: **USA** MWD Kit: **35** DF: **4956.50**

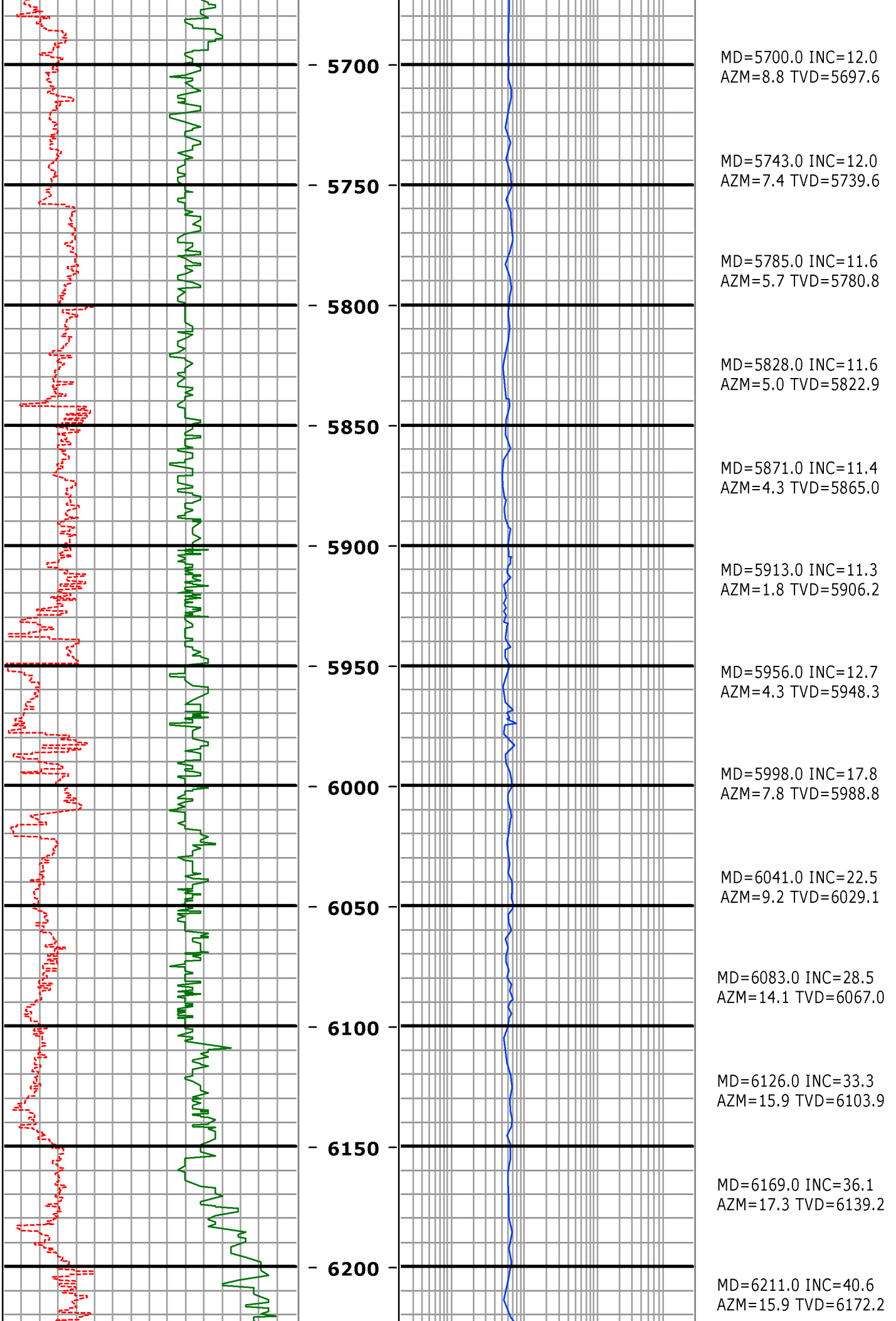


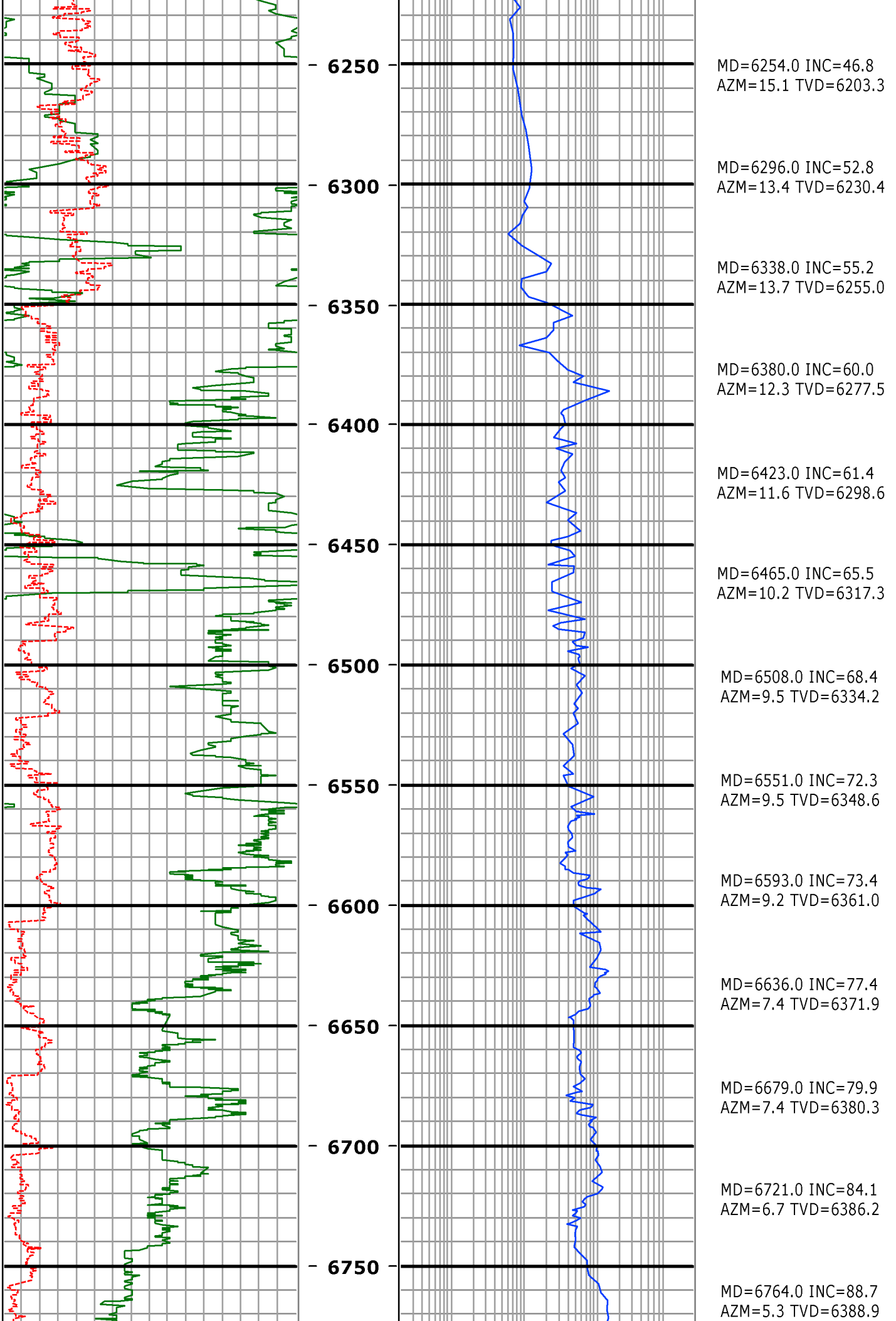
Feet  
2":100'  
MD

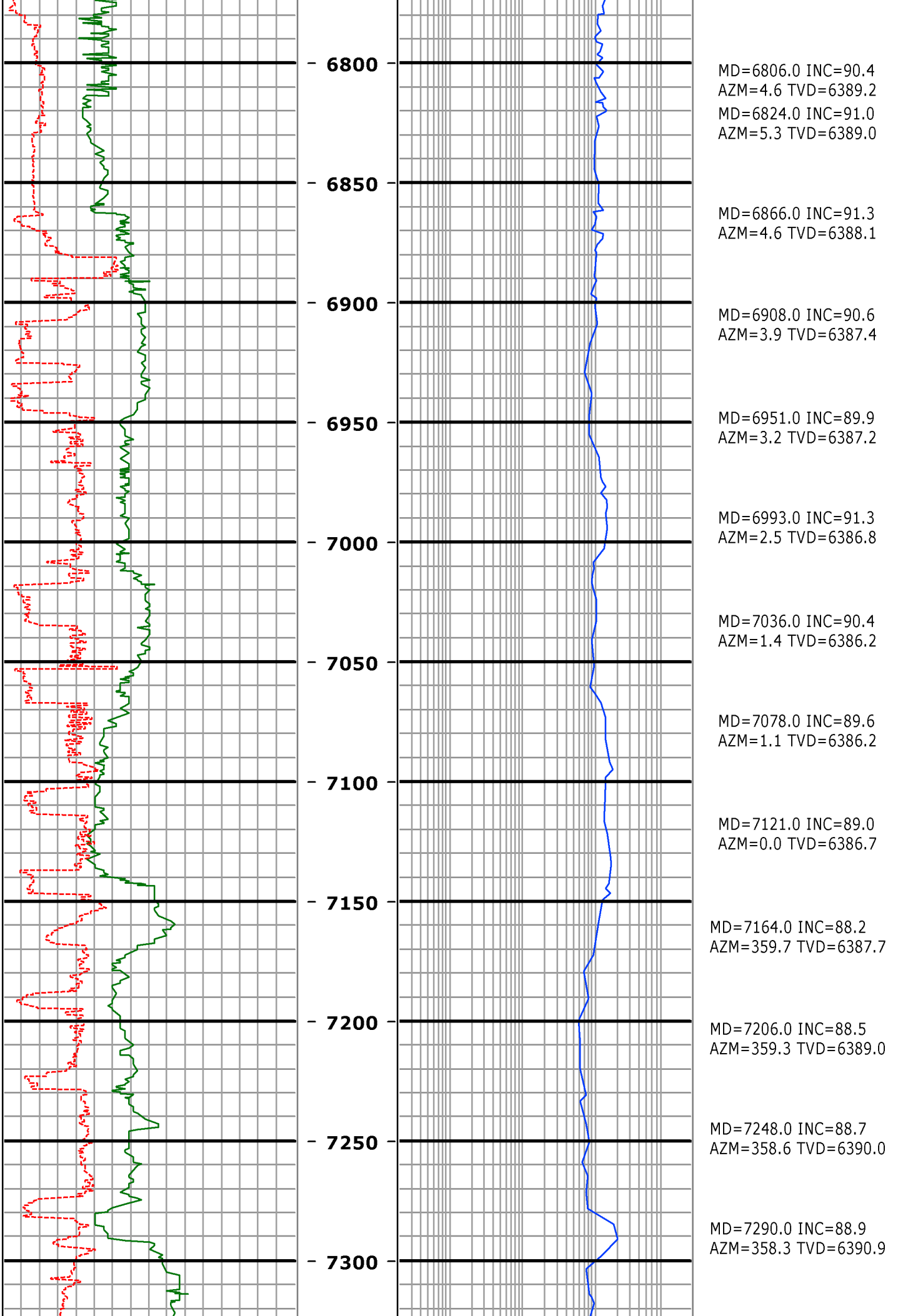


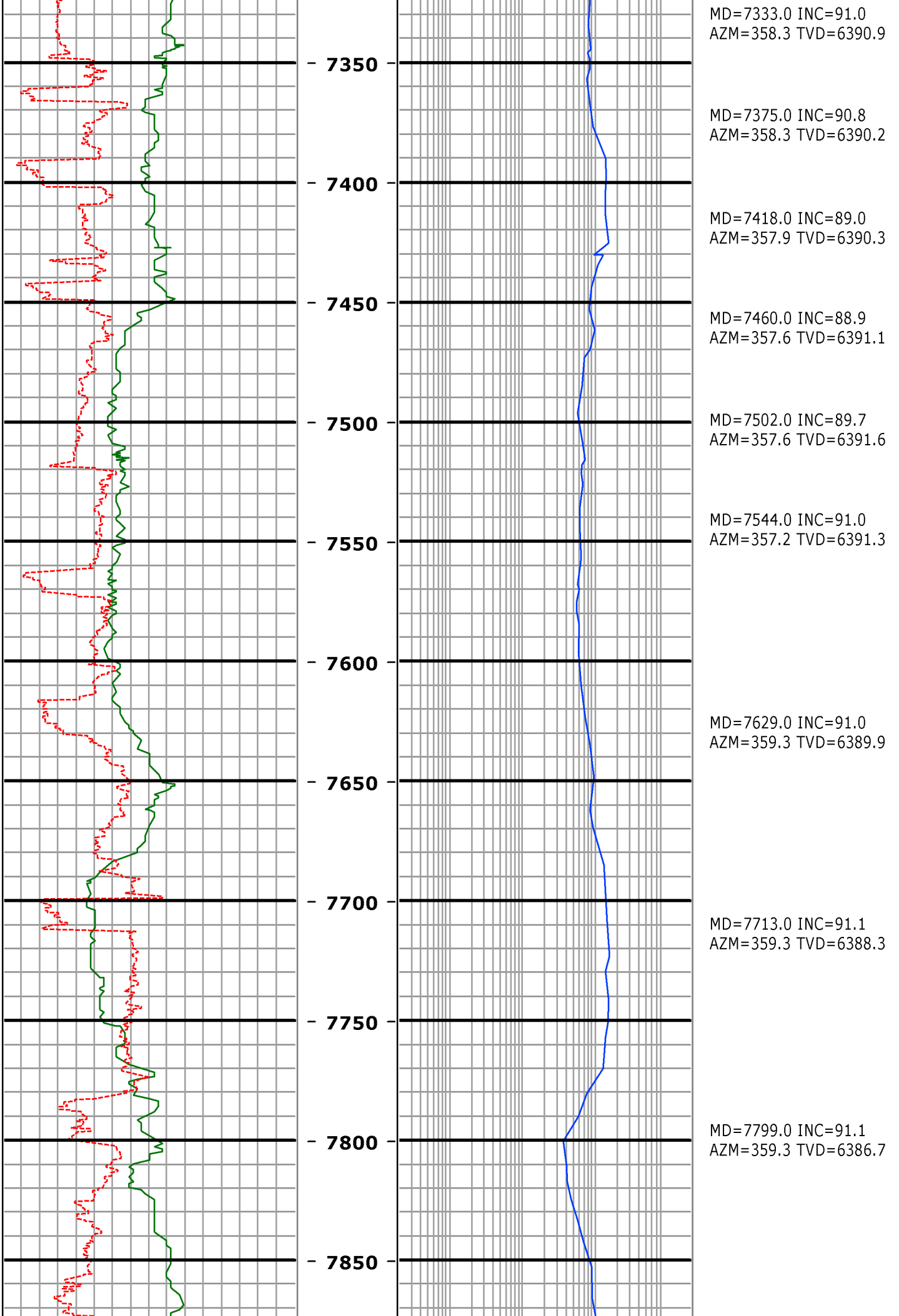
MD=5615.0 INC=3.0  
 AZM=348.4 TVD=5613.6

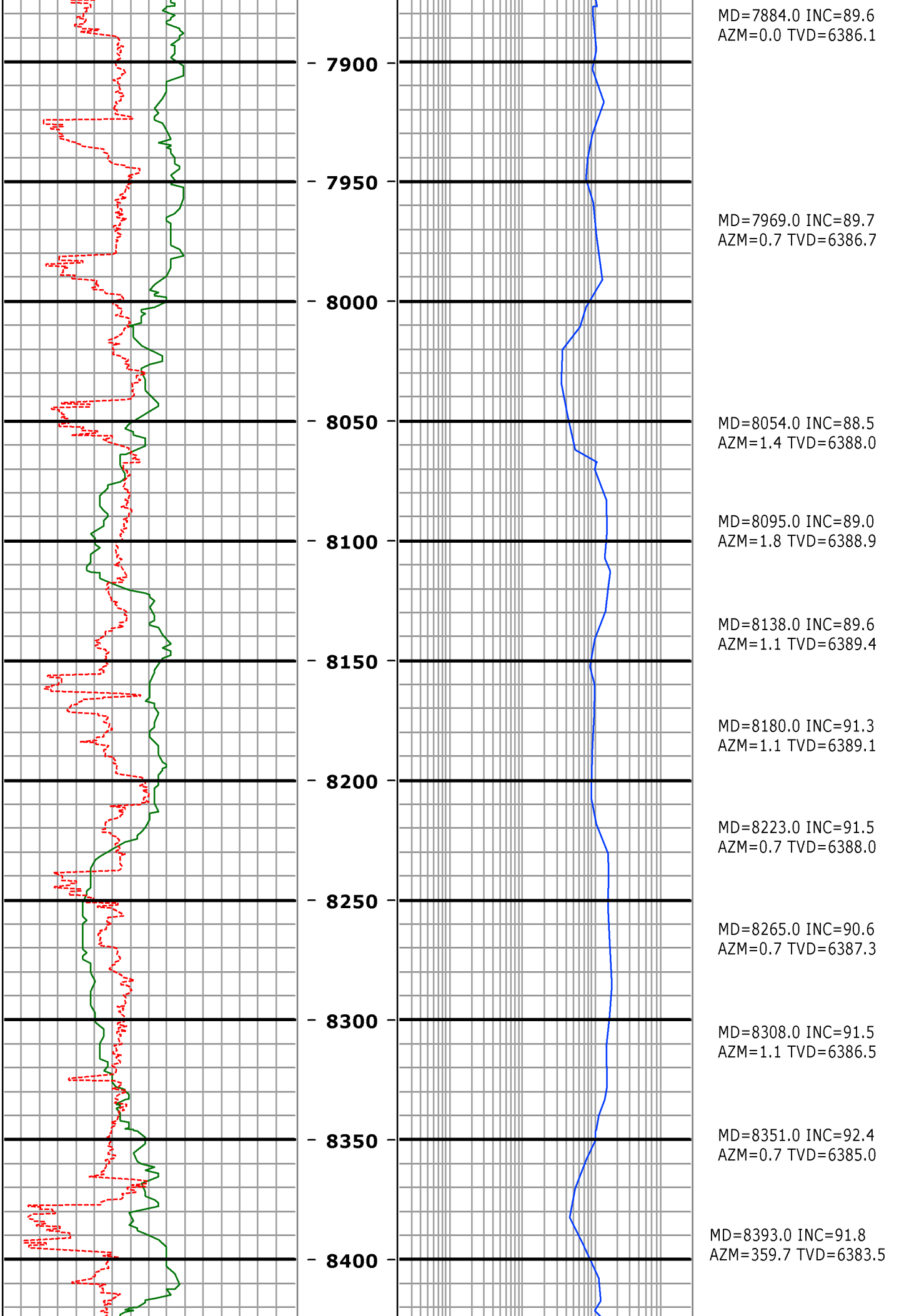
MD=5658.0 INC=9.1  
 AZM=6.4 TVD=5656.3

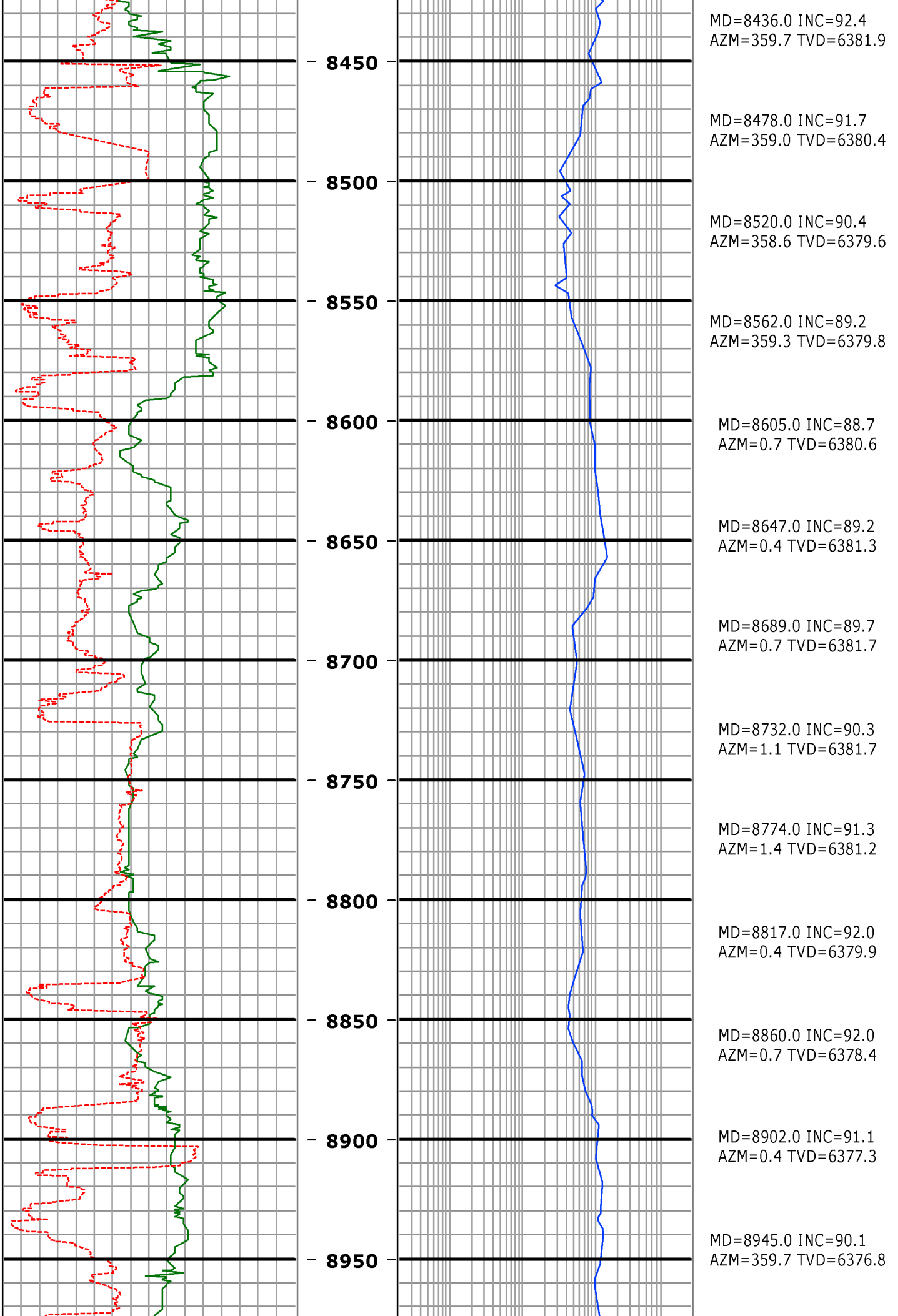


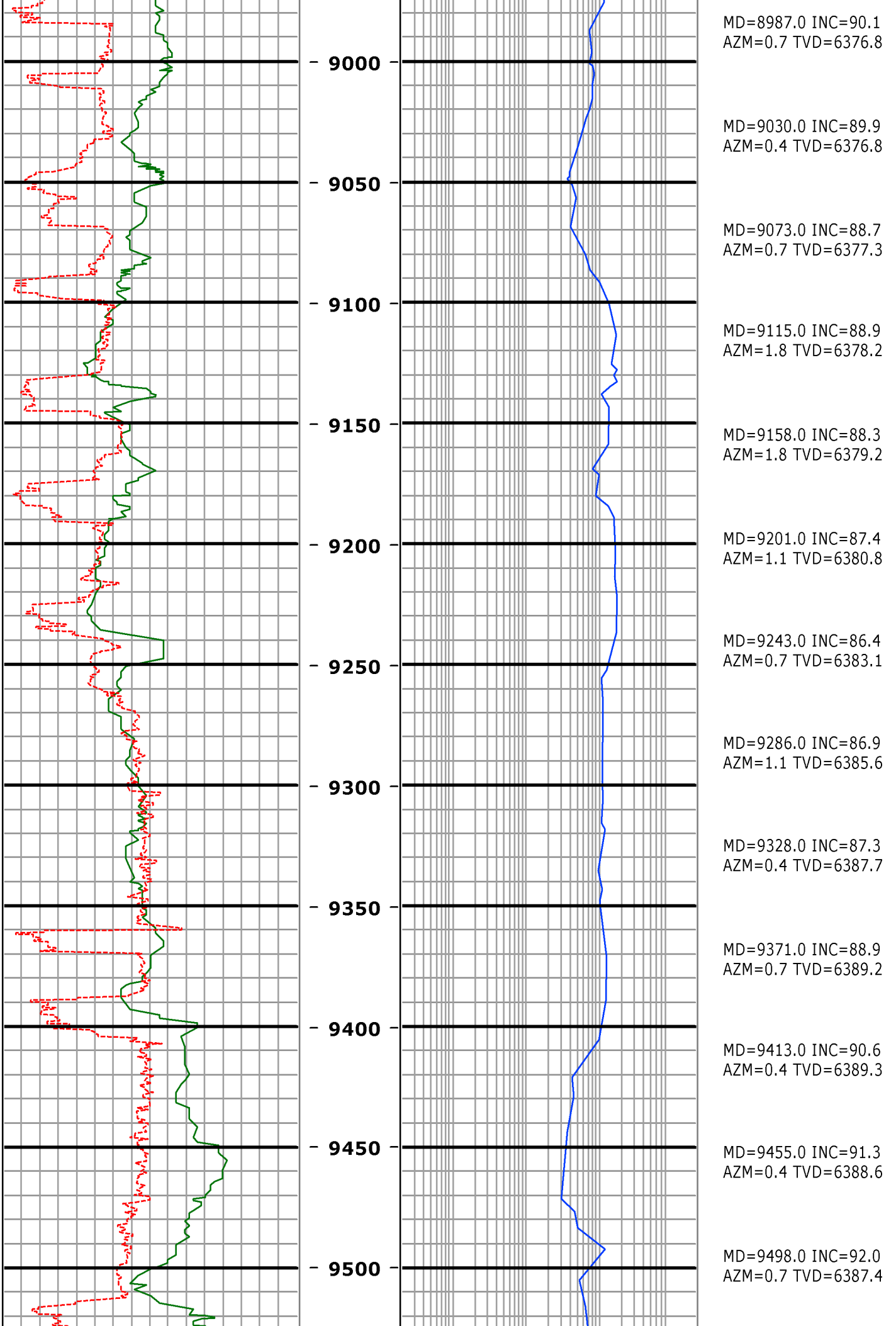


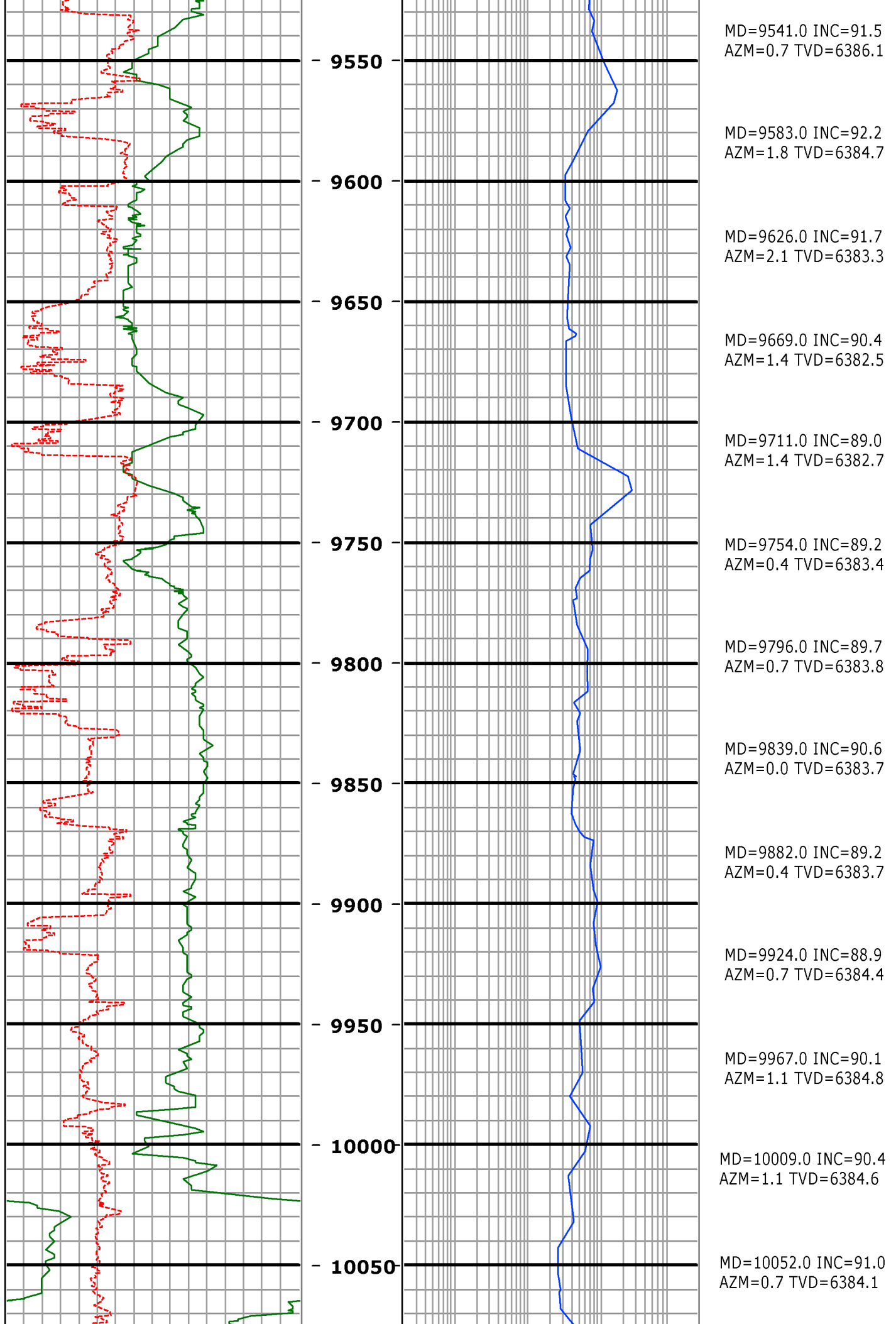


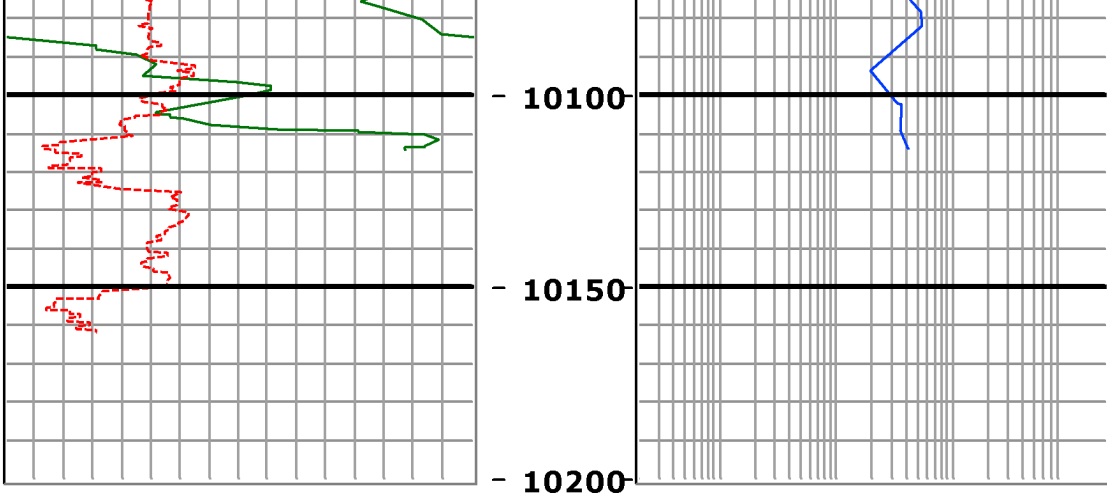












MD=10095.0 INC=91.3  
 AZM=359.7 TVD=6383.0

<b>0</b>	ROP [ft per hr]	<b>400</b>
<b>0</b>	Gamma [API]	<b>200</b>
<b>200</b>	Gamma [API]	<b>400</b>

**Feet**  
**2":100'**  
**MD**

<b>0.2</b>	Formation Res [ohm/m]	<b>2000</b>
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