

Archer

Measured Depth Log

1:600 Feet

Oil Co: **Carrizo Oil and Gas**
 Well Name: **Pergamos 3-44-7-60**
 LSD: **Weld County Colorado, WCR105 &**
 State/Prov: **Colorado**
 Country: **USA**
 Job #: **RL11633**

Oil Company: **Carrizo Oil and Gas**
 Well Name: **Pergamos 3-44-7-60**
 LSD: **Weld County Colorado, WCR105 & WCR 86**
 State/Prov: **Colorado**
 Country: **USA**
 Job #: **RL11633**
 Drilling Co. **Multi Shot Directional Service**
 Rig #: **Xtreme 19**
 Co Rep 1: **Tom Harris**
 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: 17.00
Surface: 1422			Start: 1422		12-7-2011		GL: 4935.00
Intermediate:			End:				DF: 4918.00
Run #	Hole Size(mm)	Gamma Offset	Survey Offset	Depth Start	Depth End	Date Start	Date End
01	7.875	51.0	60.0	1453.0	6235.0	Dec 07, 11	Dec 11, 11
02	7.875	47.0	57.0	6235.0	6580.0	Dec 11, 11	Dec 13, 11
03	6.125	49.0	59.0	6580.0	10553.0	Dec 14, 11	Dec 19, 11

-FIELD COPY ONLY-

Archer The Well Company 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 and Gas**

Well Name: **Pergamos 3-44-7-60**

Well Lic:

API/UWI: **N/A**

Surface LSD: **Weld County Colorado, WCR105 & WCR 86** KB: **17.00**

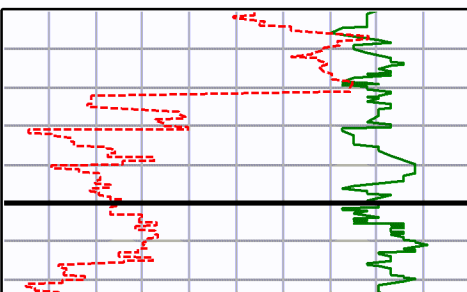
State/Prov: **Colorado** Job #: **RL11633** GL: **4935.00**

Country: **USA** MWD Kit: **35** DF: **4918.00**

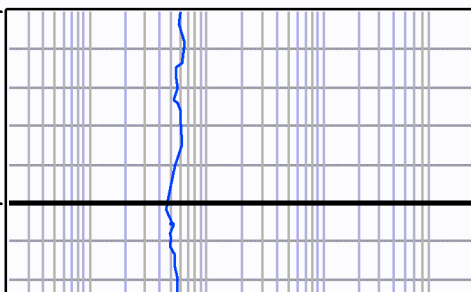
0 ROP [ft per hr] 200
 200 ROP [ft per hr] 400
 0 Gamma [API] 200
 200 Gamma [API] 400

Feet
 2":100'
 MD

0.2 Formation Res [ohm/m] 2000

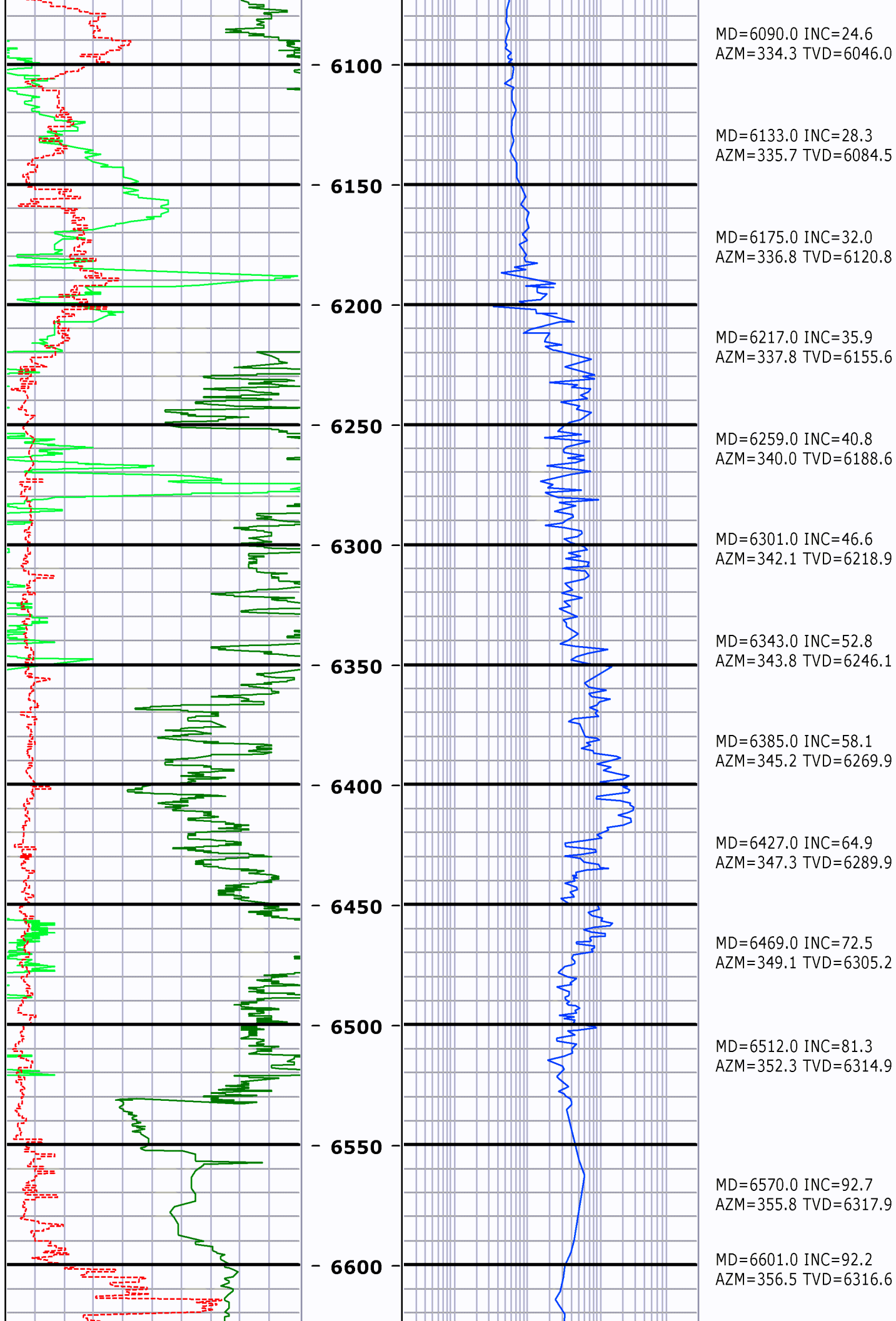


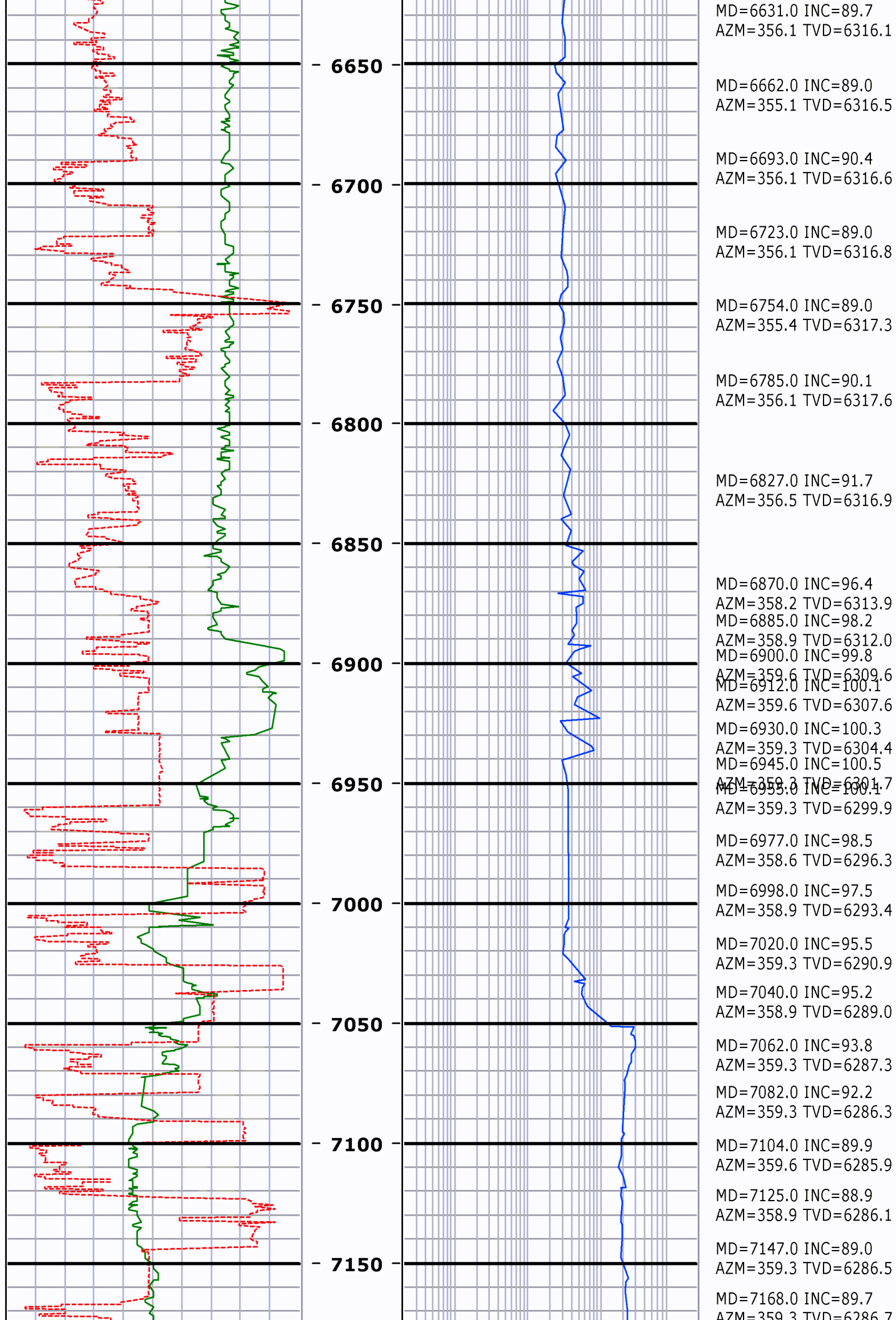
6000
 6050

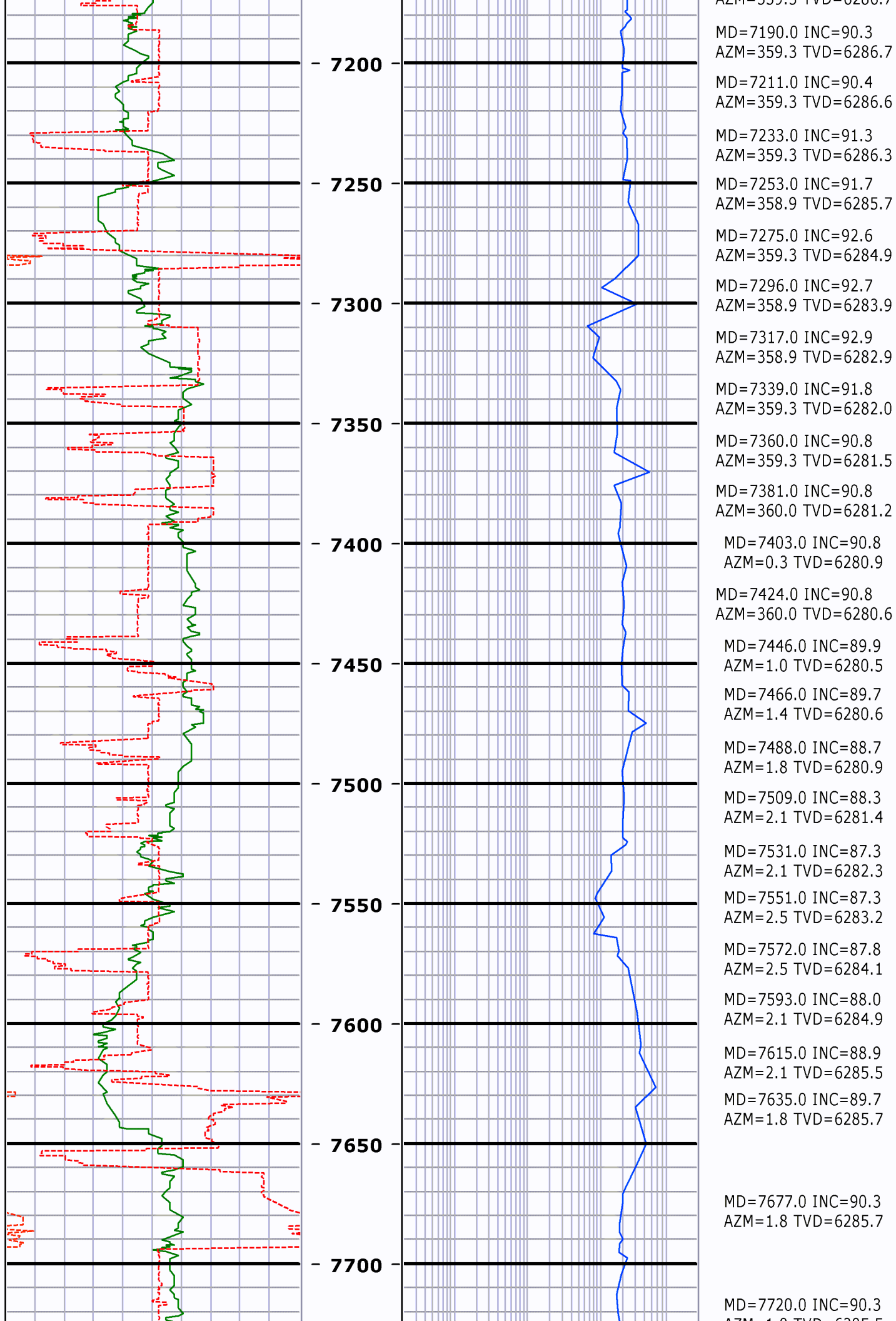


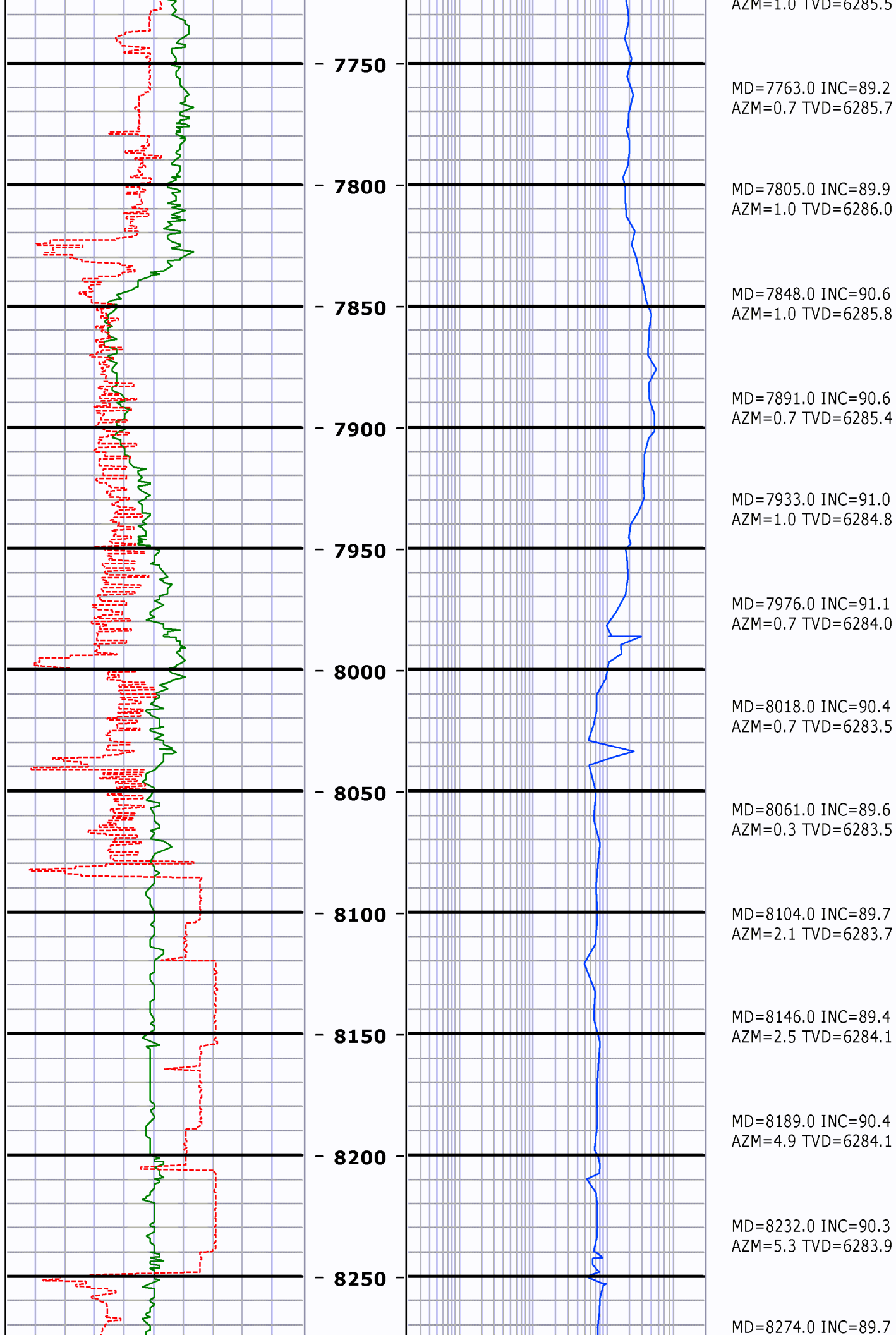
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 AZM=330.5 TVD=5966.9

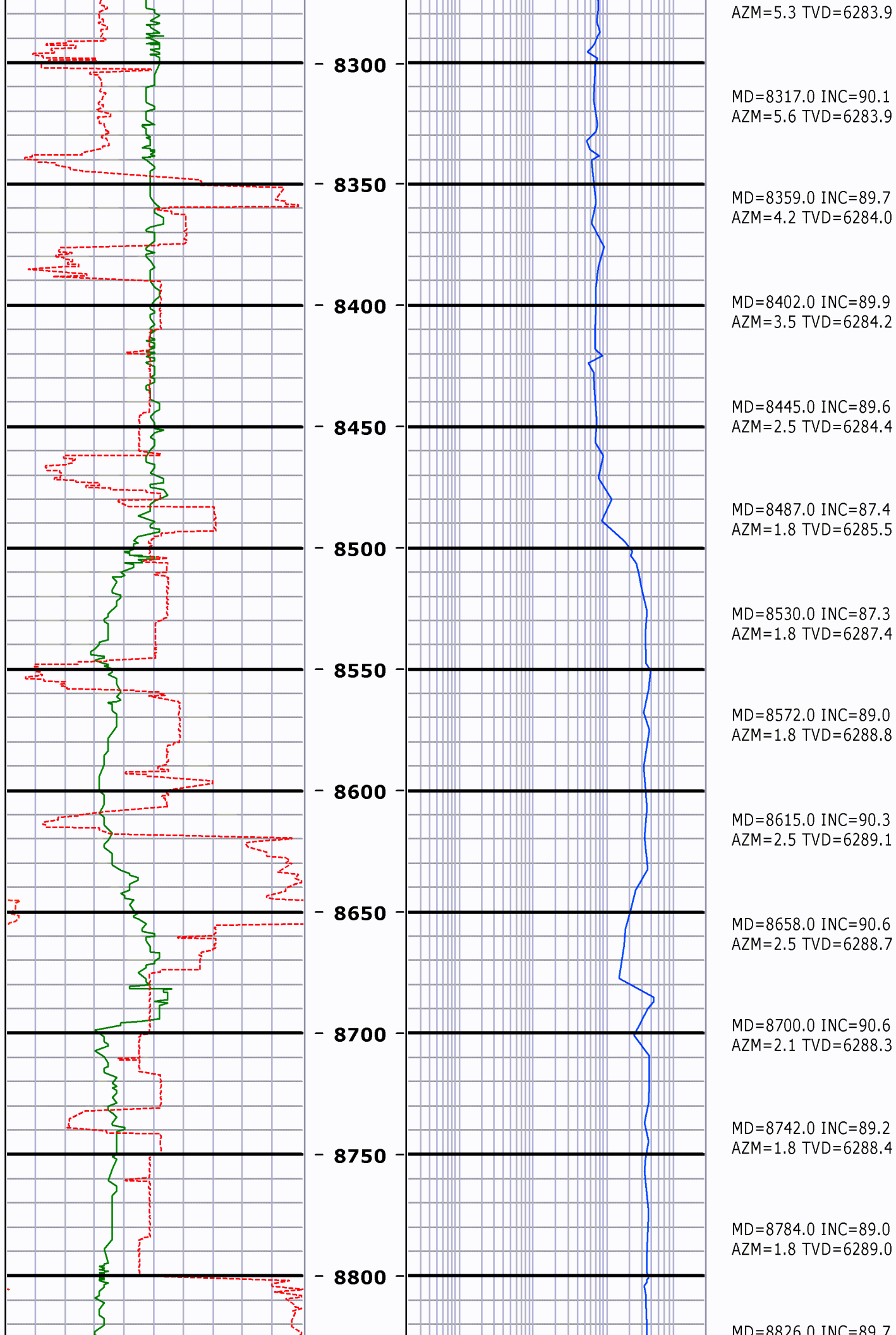
MD=6048.0 INC=21.5
 AZM=332.9 TVD=6007.4

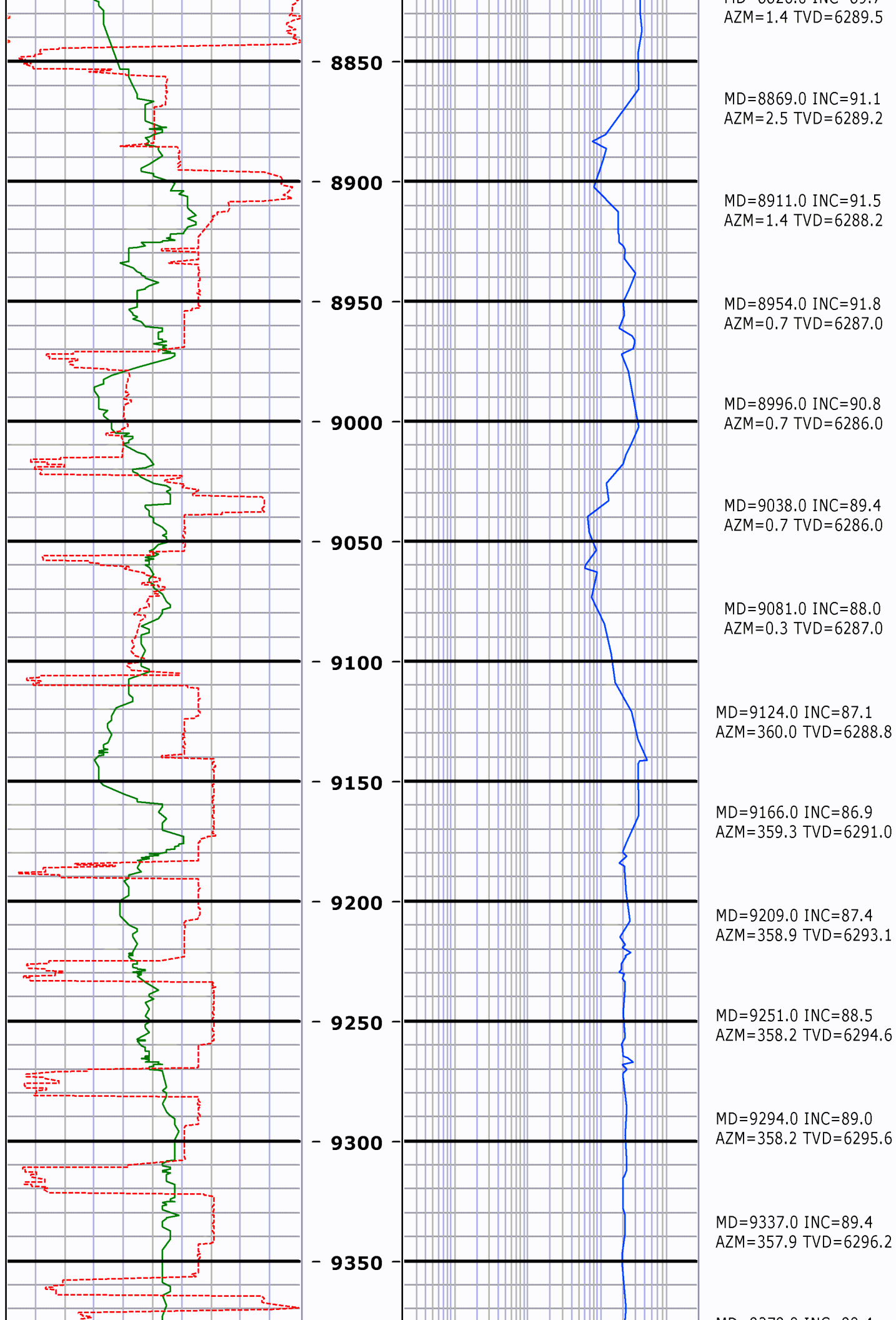


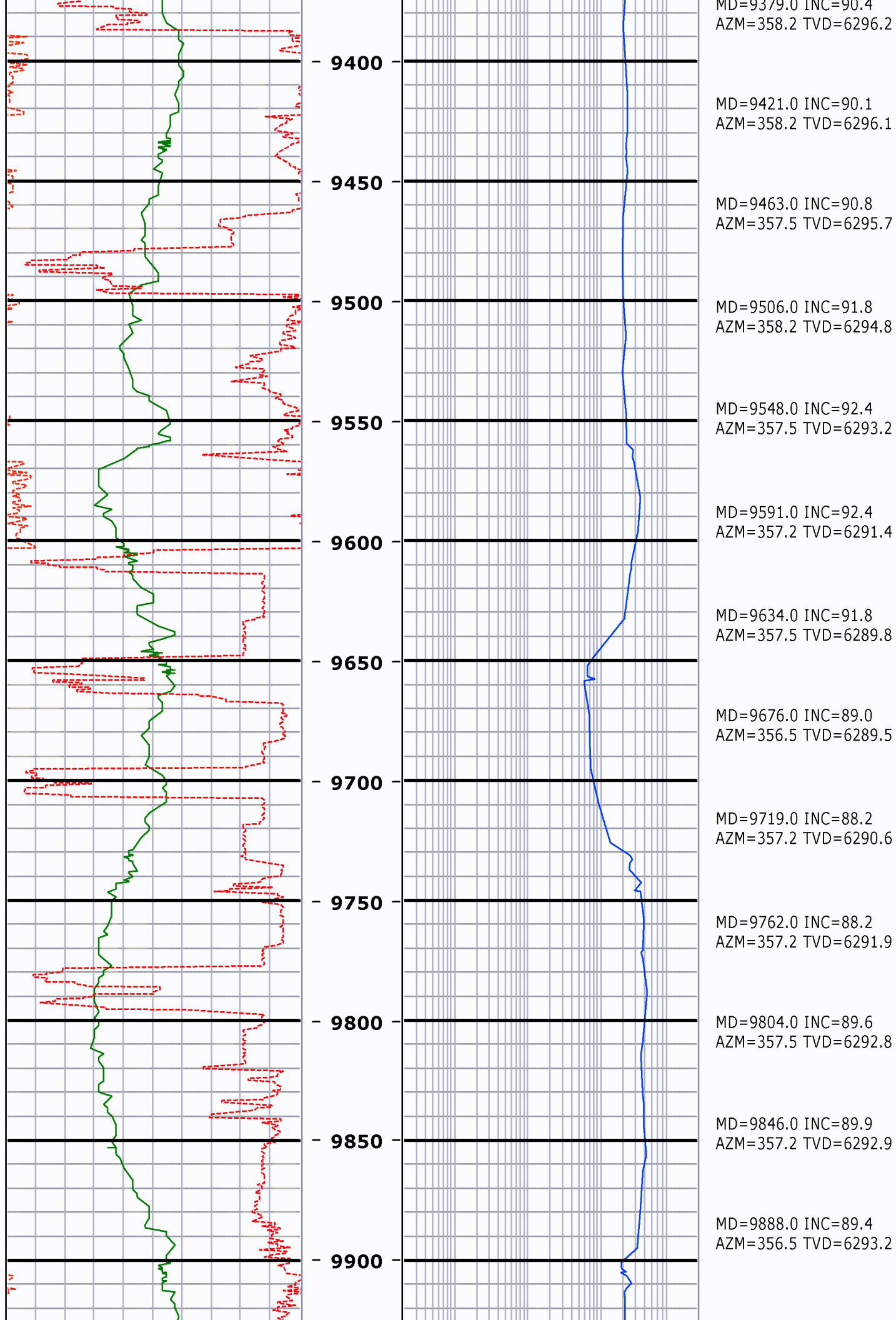


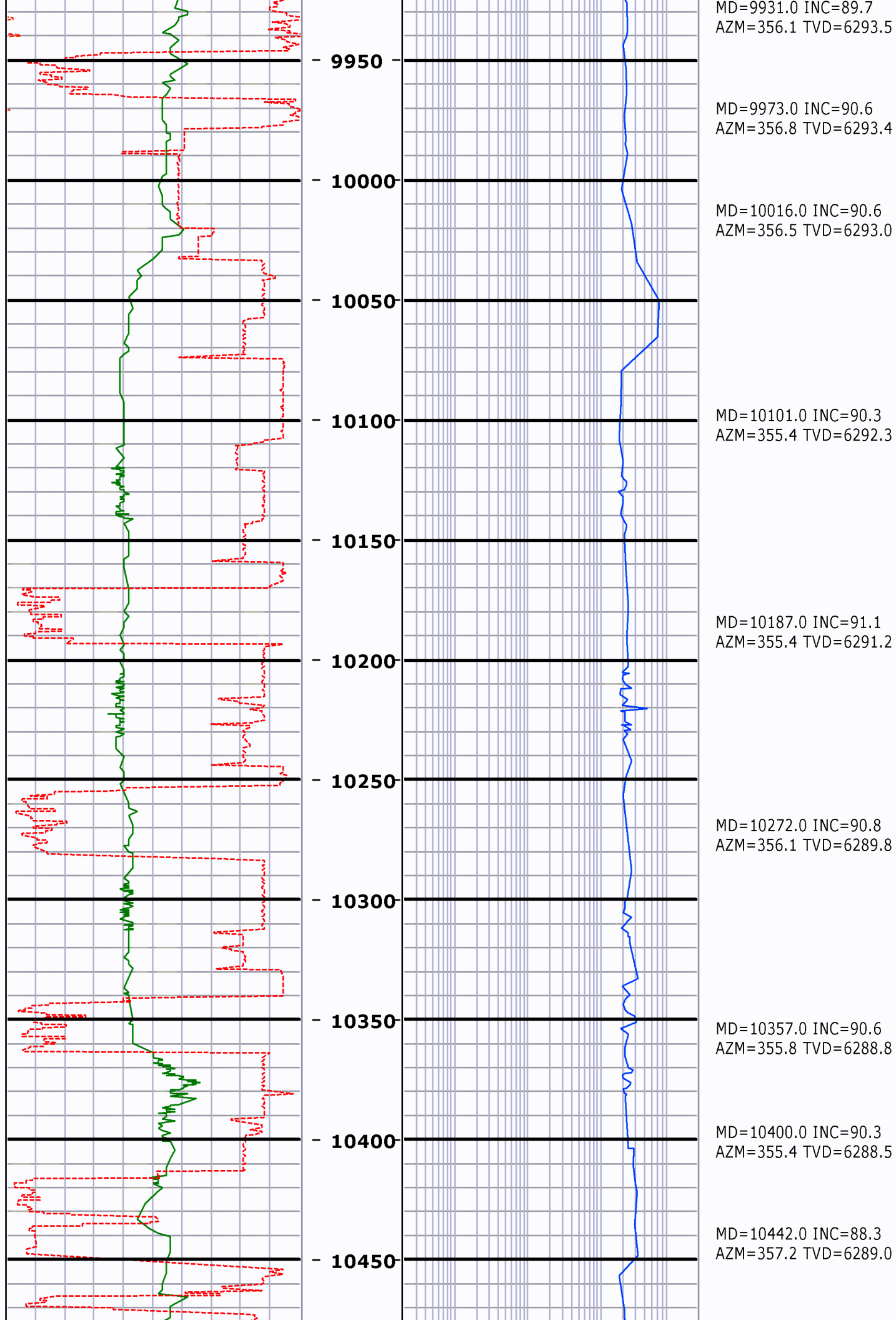


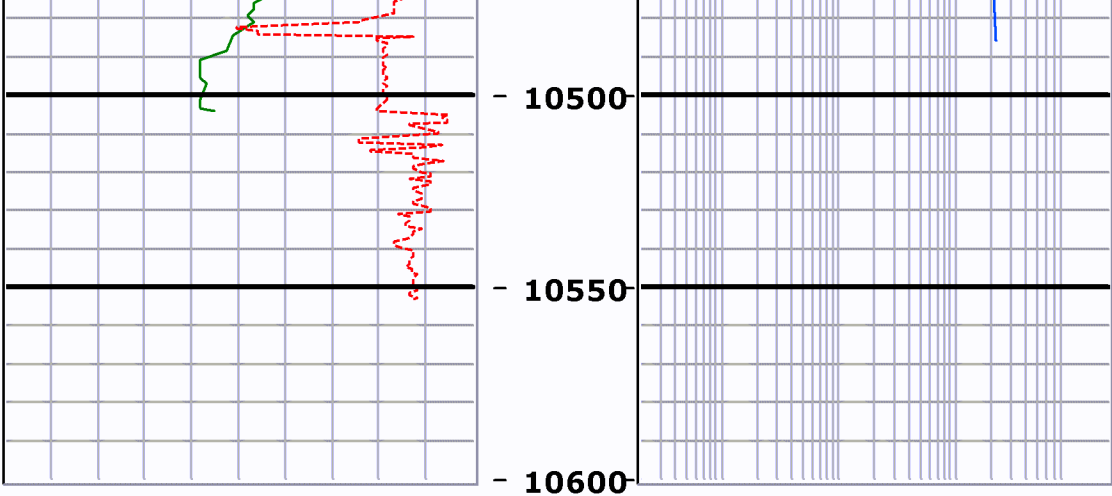












MD=10494.0 INC=87.8
AZM=357.2 TVD=6290.7

0	ROP [ft per hr]	200	Feet 2":100' MD	0.2	Formation Res [ohm/m]	2000
200	ROP [ft per hr]	400				
0	Gamma [API]	200				
200	Gamma [API]	400				