



DDC
3222 North 6 Mile Road
Casper, WY 82604

RM-13875

1":100' - MD

11/17/2013 9:32:14 PM

Oper. Company: Noble Energy

Country: USA

State / Province: Colorado

County / Parish: Weld

Started: 11/13/2013 03:30 AM

API/UWI: 05-123-375490000

Field: WildCat

Well: Timbro State LD16-67-1HN

Rig: H&P 326

Ended: 11/17/2013 08:00 PM

FINAL 1 INCH MD

Personnel

Day Hand: Bob Kubistek
Night Hand: Chris Abbott
Comp. Emp: Bob Kubistek

Location

Latitude: 40° 45' 13.92 N
Longitude: 103° 51' 38.880 W
Elev. GL: 4755
Elev. DF: 30
Elev. KB: 4785

Hole Data

Size	From	To
13 3/4	0	1211
8 3/4	1211	6090
6 1/8	6090	9947

Casing Data

Size	From	To
9 5/8	0	1211
7	1211	6090
4 1/2	6090	0

Bit Sizes

Size	From	To
13 3/4	0	1211
8 3/4	1211	6090
6 1/8	6090	9947

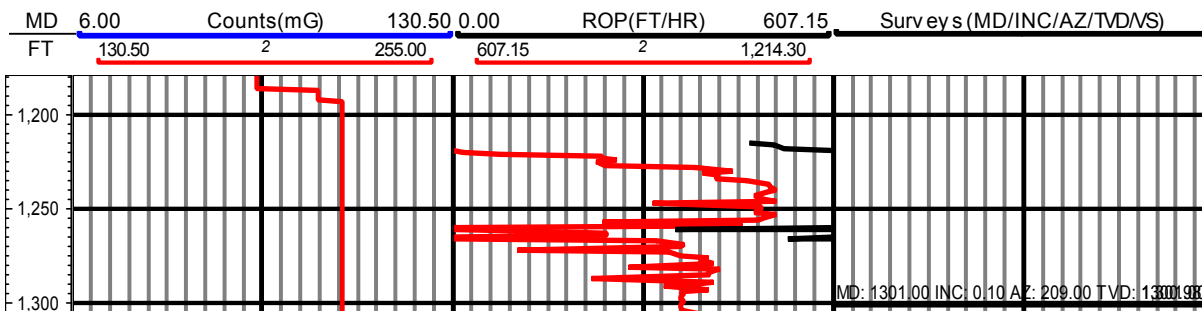
Mud Data

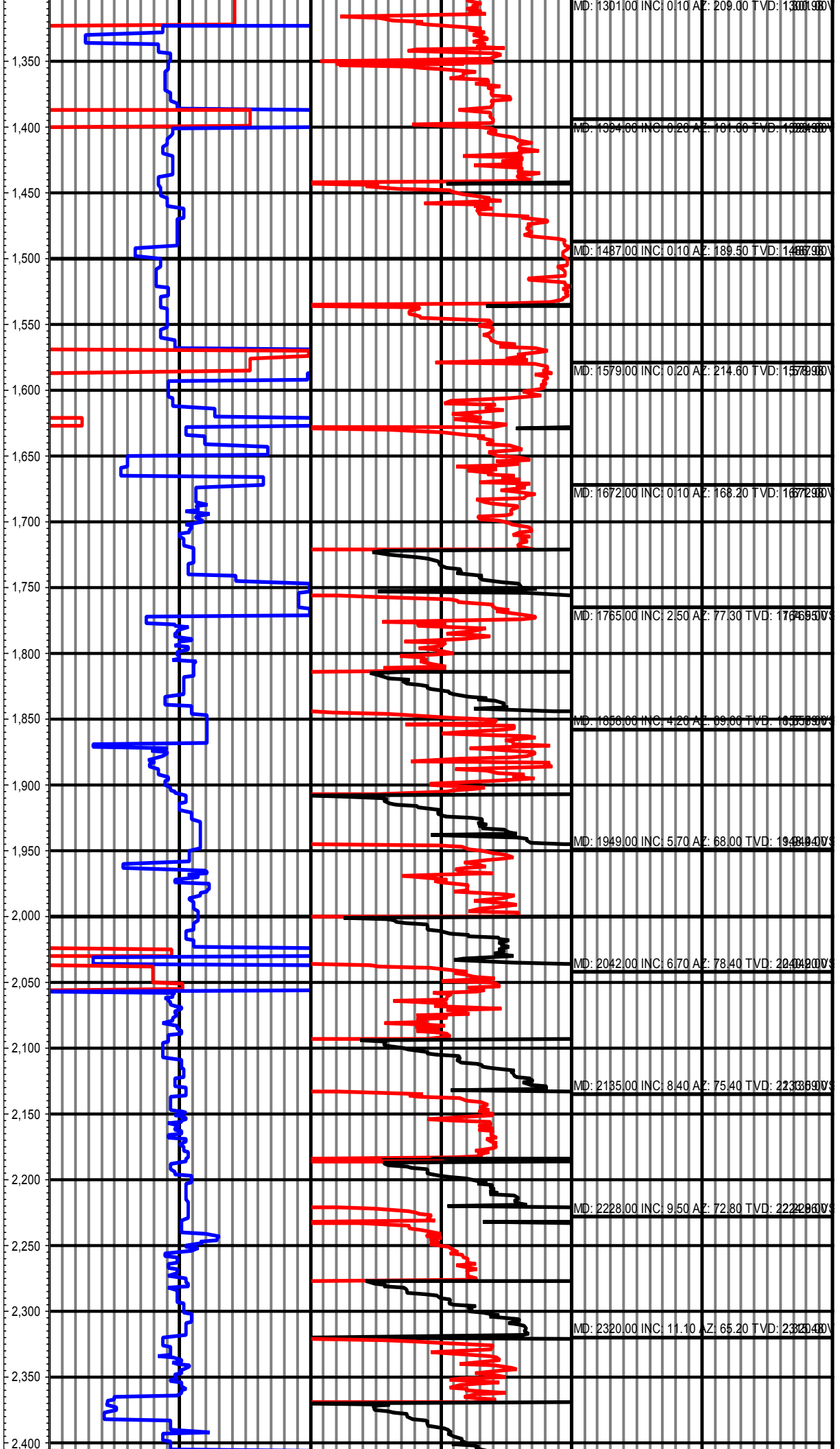
Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10		40				0	0

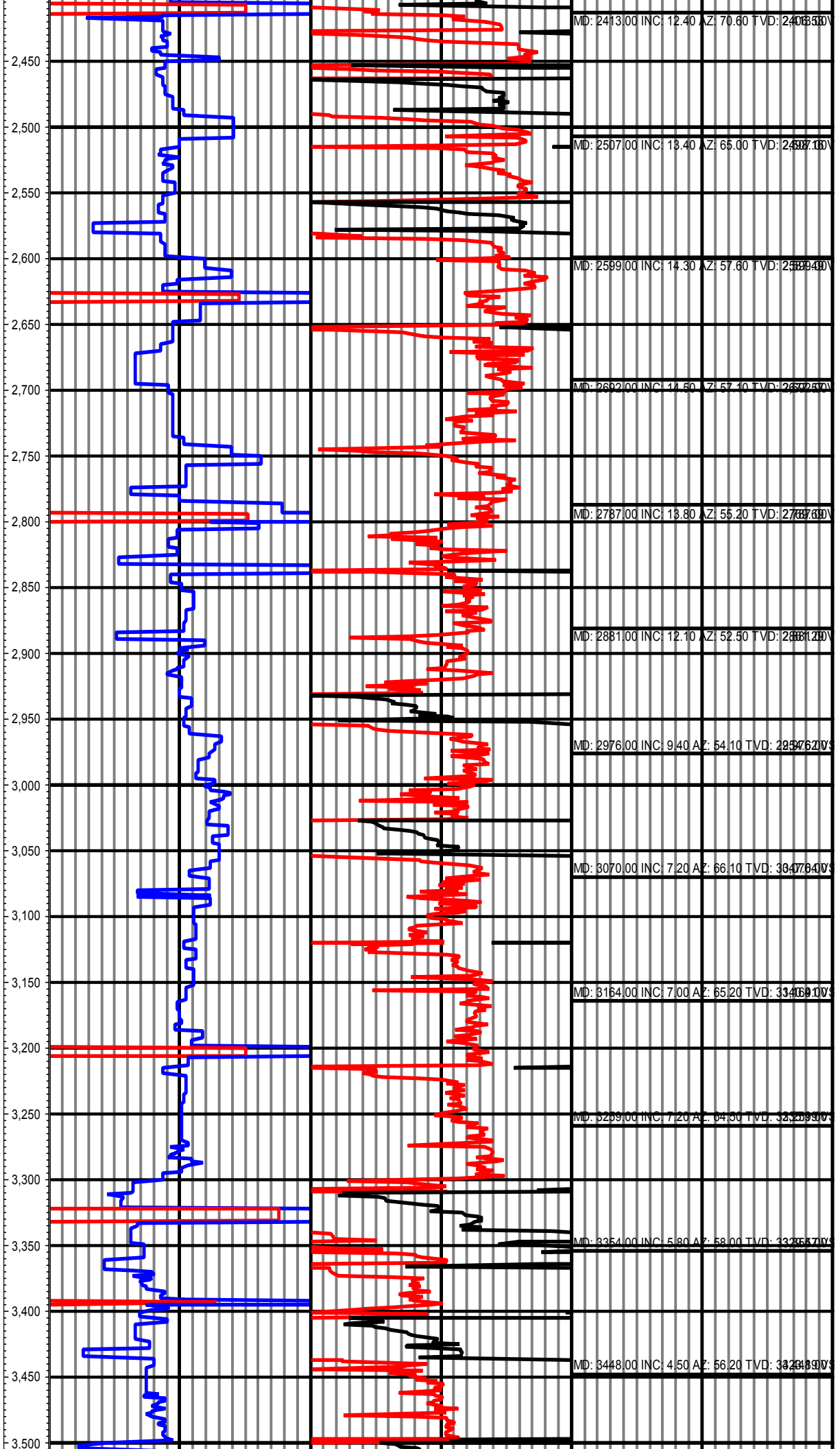
Tool Run Data

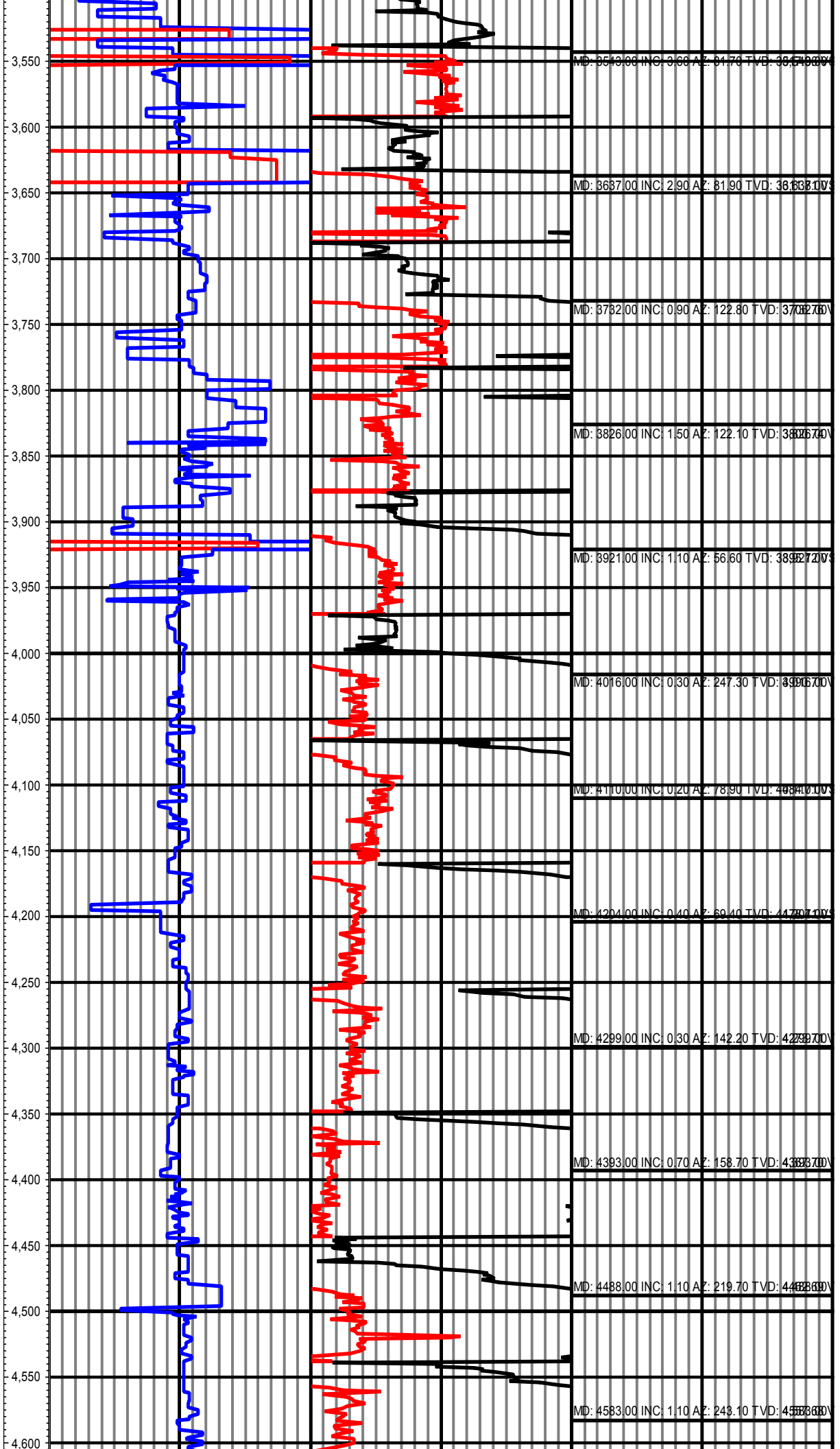
Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
1855	36	0	11/13/2013 3:03:04 AM	1211	11/14/2013 4:00:04 AM	4915
1855	44	0	11/14/2013 4:00:23 AM	4915	11/14/2013 8:05:23 AM	6090
1855	51	0	11/15/2013 3:00:15 AM	6090	11/17/2013 8:00:15 PM	9947

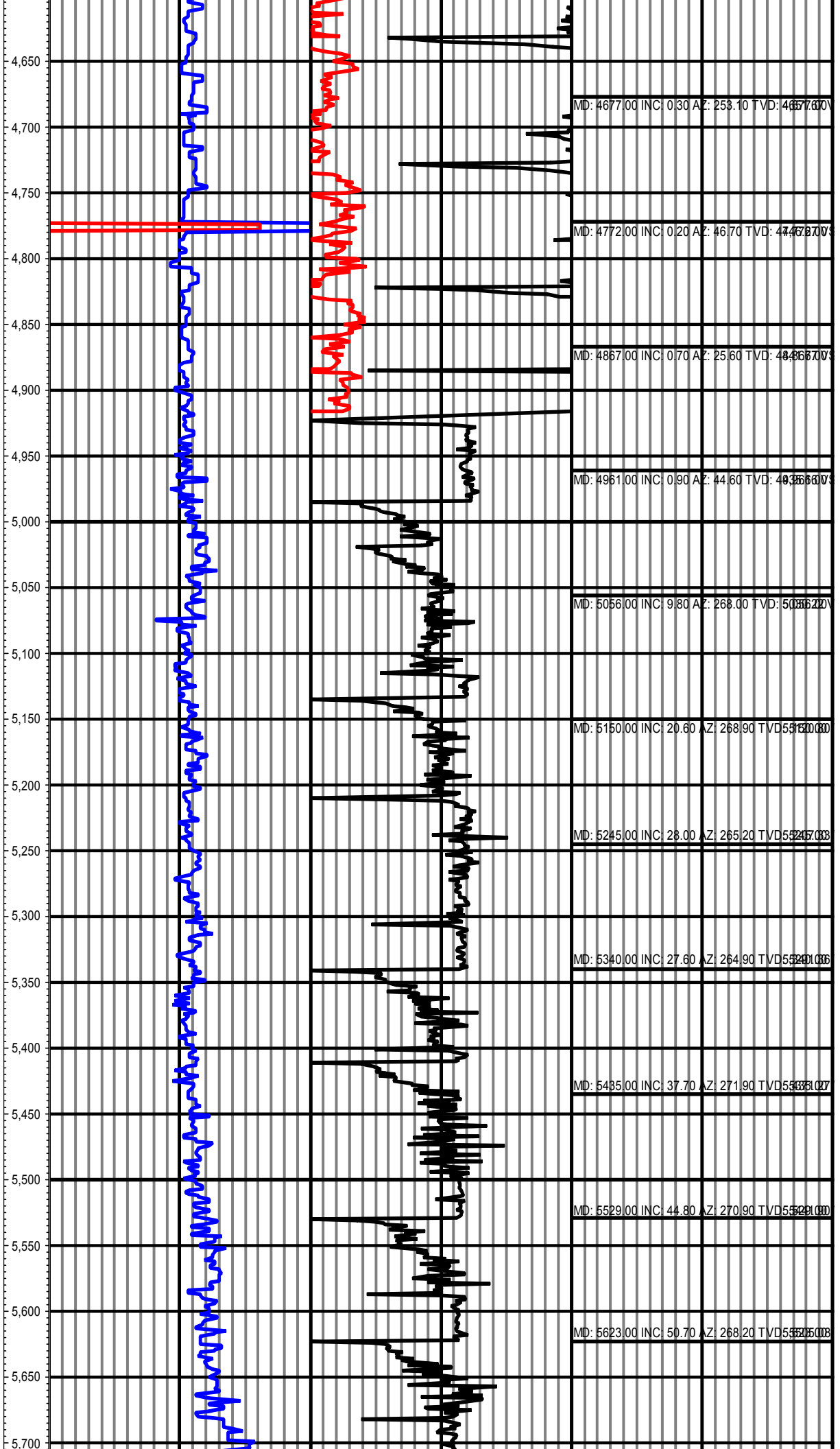
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost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

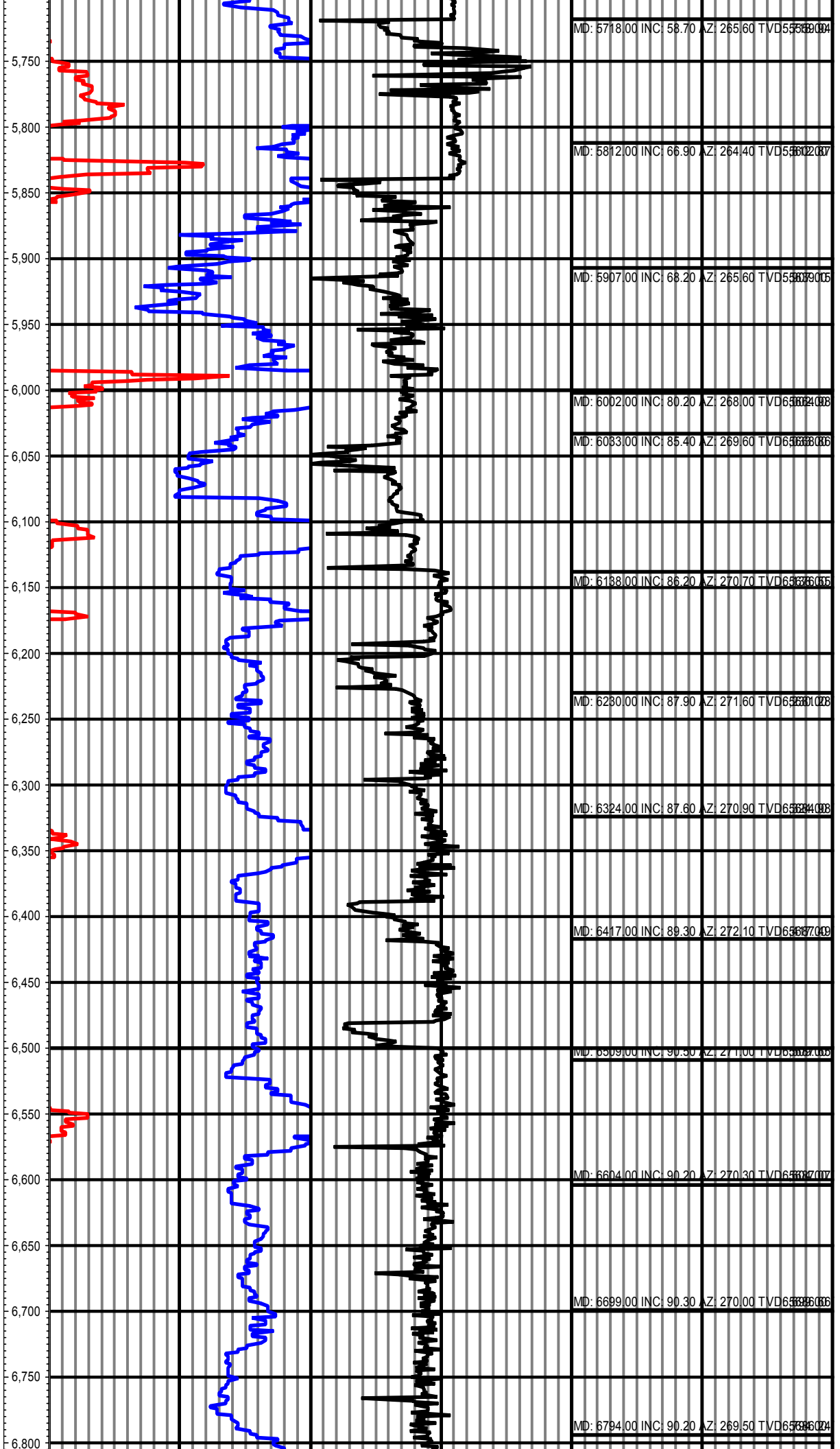


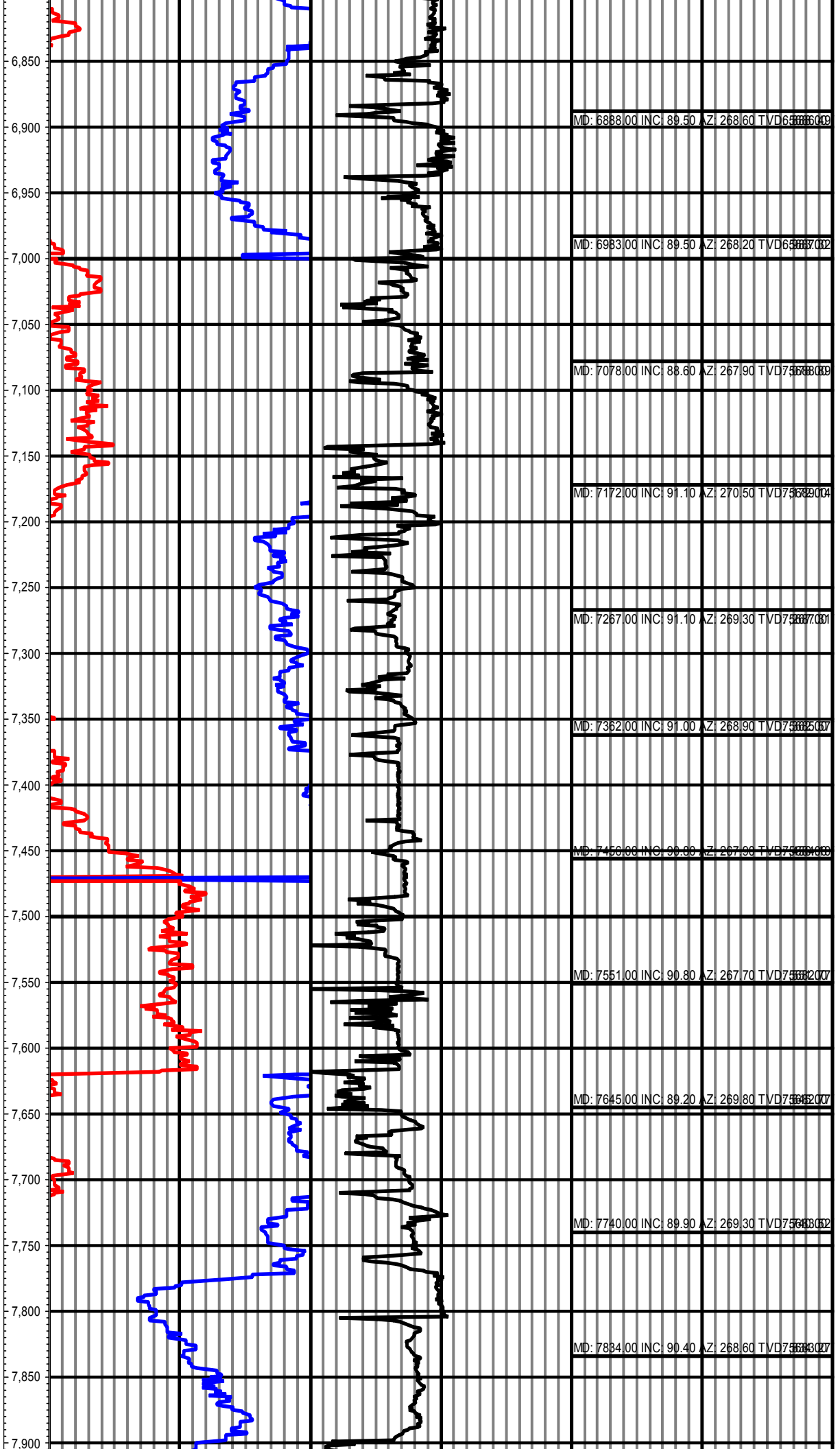


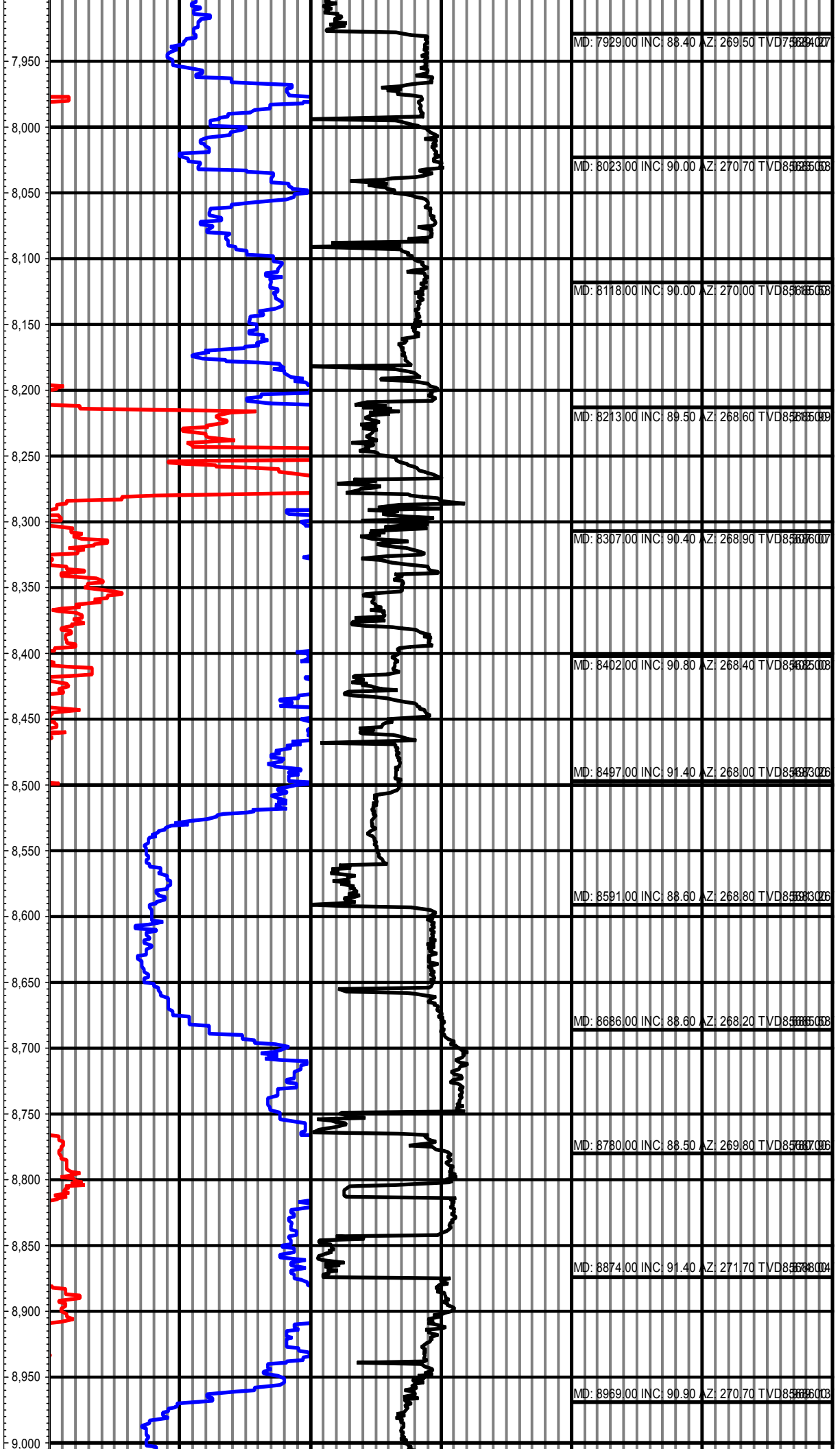


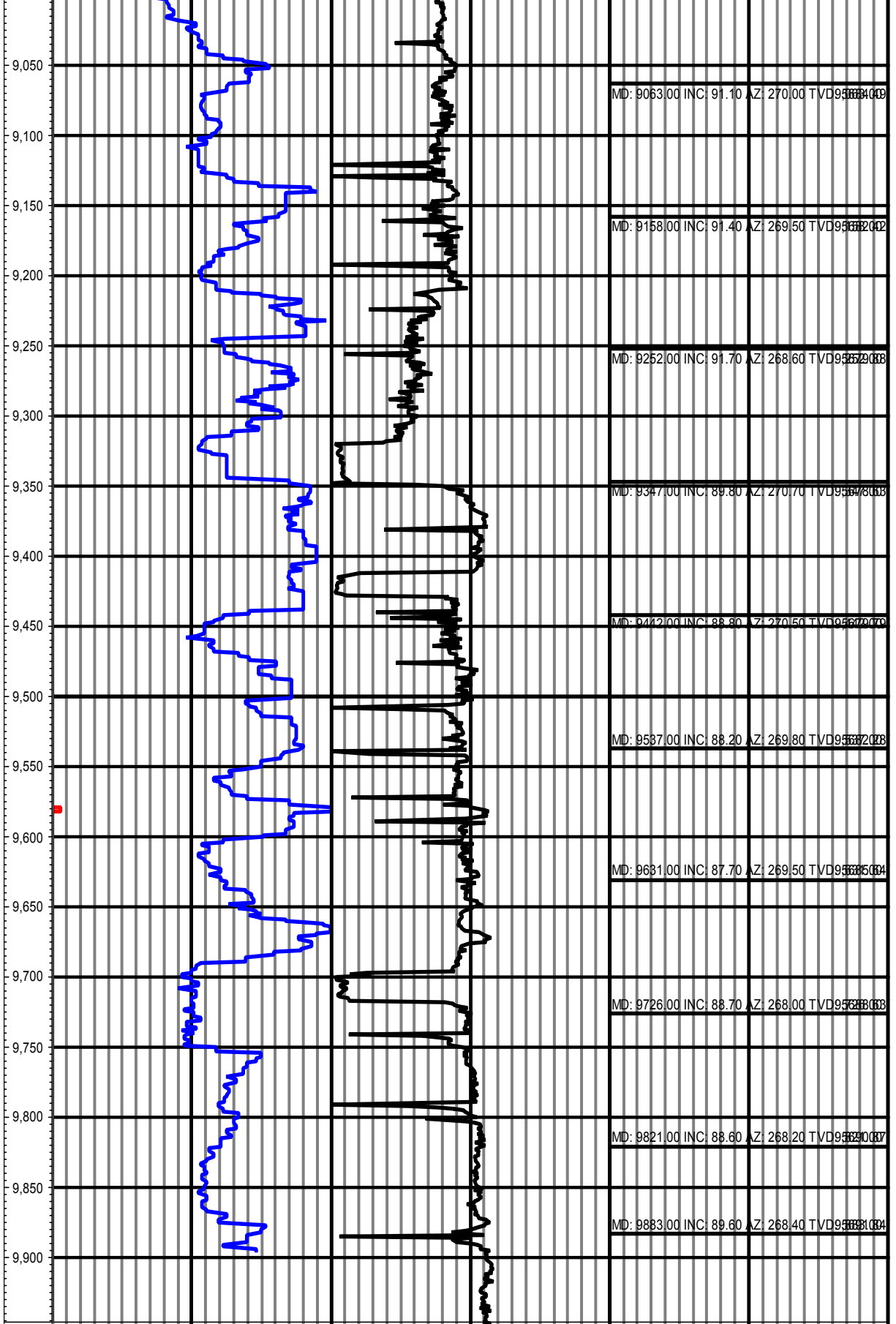












MD 6.00 Counts(mG) 130.50 0.00 ROP(FT/HR) 607.15 Surveys(MD/INC/AZ/TVD/VS)
FT 130.50 2 255.00 607.15 2 1,214.30