



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Vollmar 29C-11HZ
API: 05123405350000
Location: Weld County, CO.
License Number:
Spud Date: 2/20/2015
Surface Coordinates: 1227' FNL, 1862' FWL, SEC 14, T2N-R67W
Region: DJ Basin
Drilling Completed: 02/27/2015
Bottom Hole Coordinates: 50' FNL, 1180' FWL, SEC 11, T2N-R67W
Ground Elevation (ft): 4945' K.B. Elevation (ft): 4961'
Logged Interval (ft): 7600' To: 13082' Total Depth (ft): 13082'
Formation: Codell
Type of Drilling Fluid: Water Based Mud

Printed by HORIZONTAL.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com




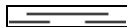

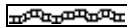



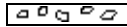


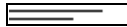


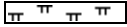

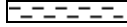



OPERATOR

Company: Anadarko Petroleum Corporation
Address: 1099 18th Street, Suite 1800
Denver, CO 80202-1918

























































GEOLOGIST

Name: Kevin Bettenhausen / Ben Thompson / Justin Robbins / Justin Graf
Company: Great Divide Consulting, Inc.
Address: 11990 North Grant Street, Suite 220
Northglenn, CO 80233
























ROCK TYPES

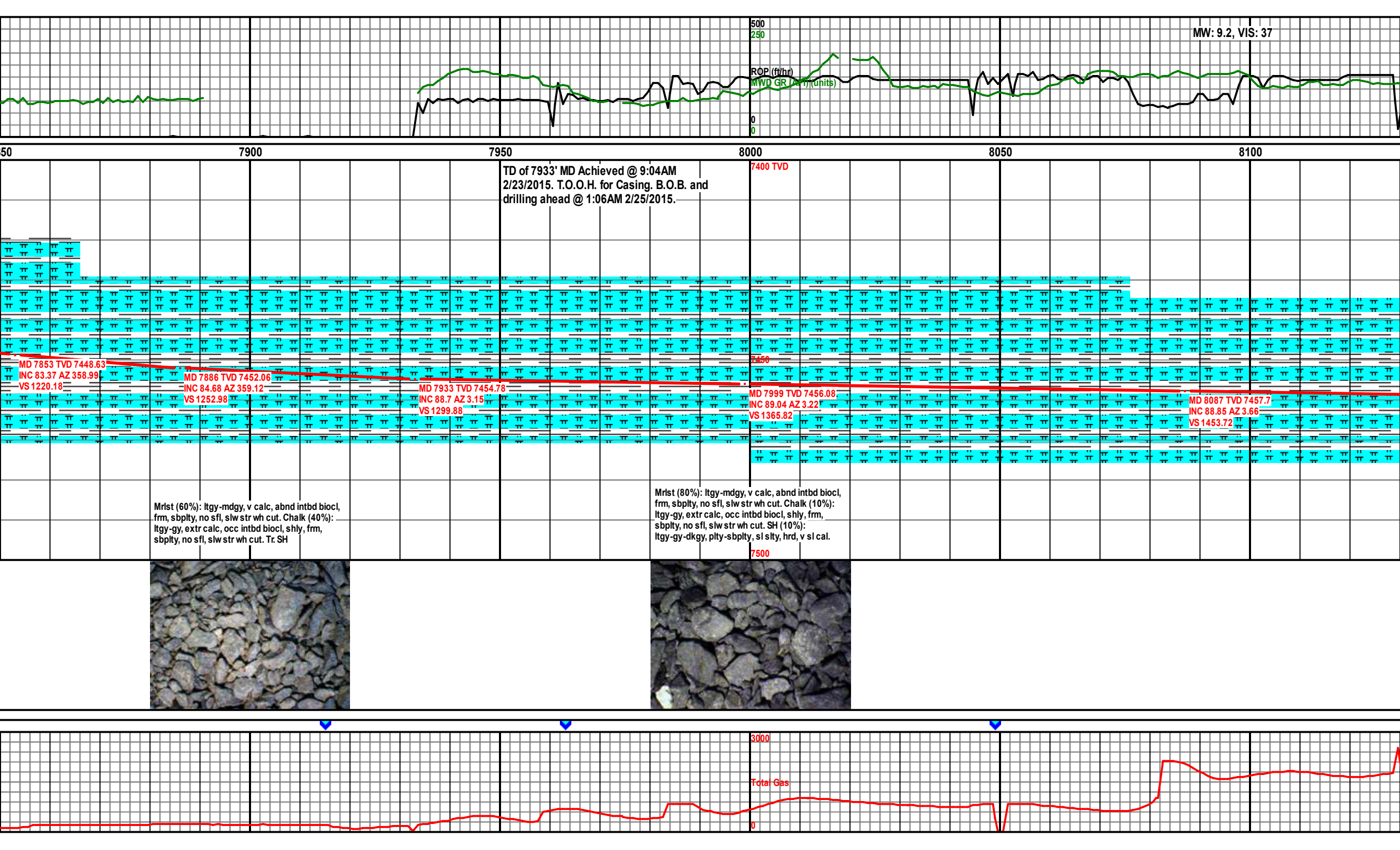
	Anhy		Coal		Lmst		Shale		Till
	Bent		Congl		Meta		Shcol		
	Brec		Dol		Mrleb59		Shgy		
	Cht		Gyp		Mrlst		Sltst		
	Clyst		Igne		Salt		Ss		

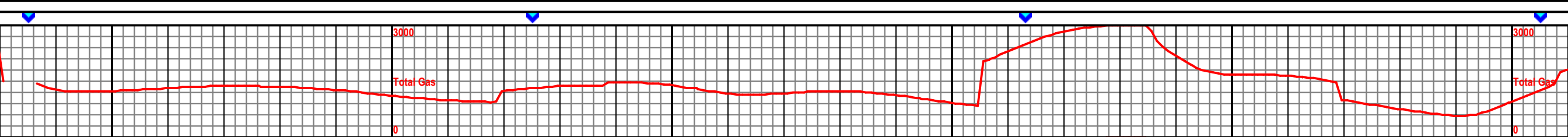
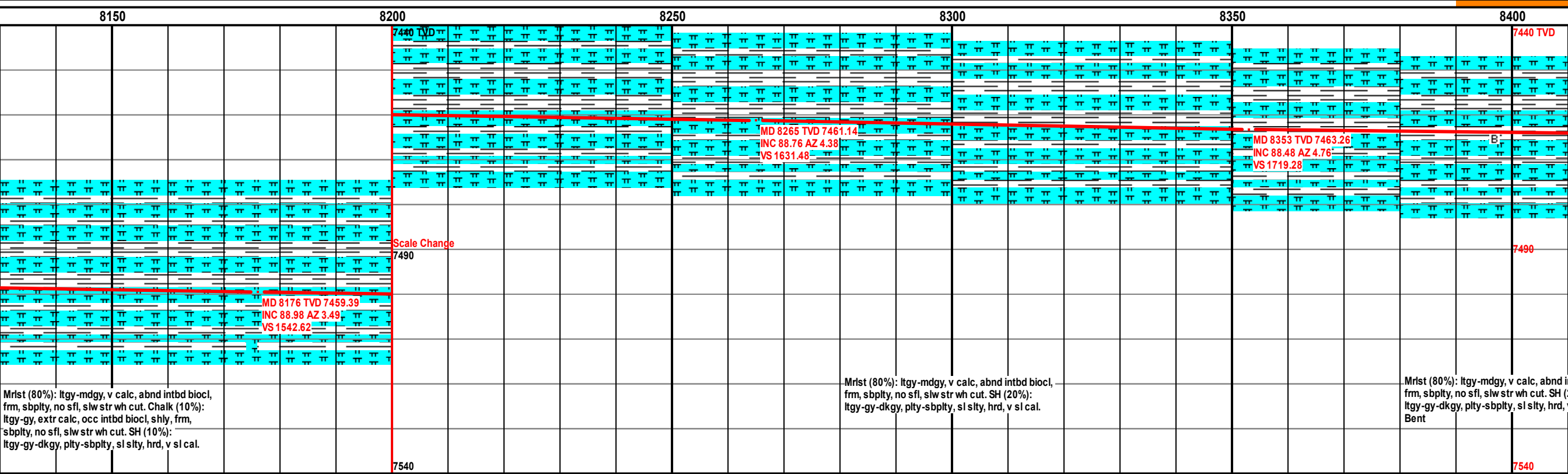
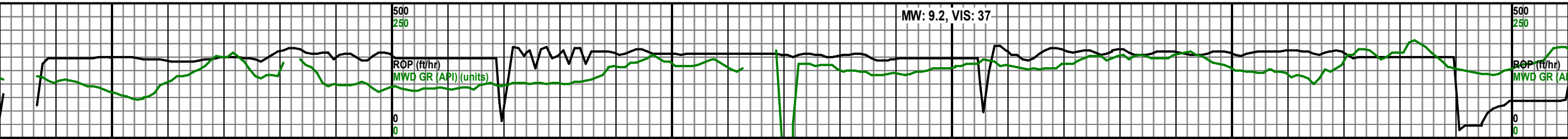
ACCESSORIES

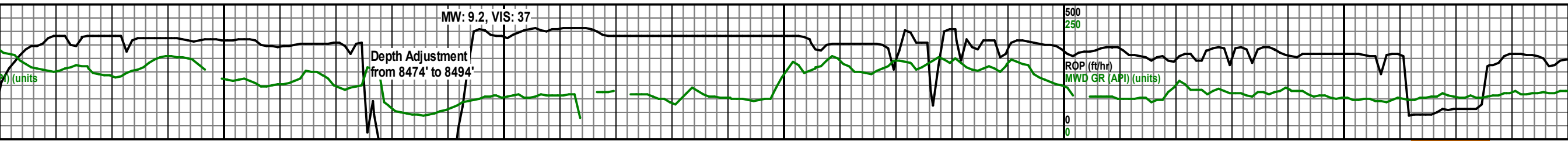
MINERAL		Gyp	FOSSIL		Ostra		Sltstrg
	Anhy		Hvymin		Pelec		Ssstrg
	Arggrn		Kaol		Pellet		
	Arg		Marl		Pisolite	TEXTURE	
	Bent		Minxl		Plant		Boundst
	Bit		Nodule		Strom		Chalky
	Brecfrag		Phos	STRINGER			Cryxln
	Calc		Pyr		Anhy		Earthy
	Carb		Salt		Arg		Finexln
	Chtdk		Sandy		Bent		Grainst
	Chtlt		Silt		Coal		Lithogr
	Dol		Sil		Dol		Microxln
	Feldspar		Sulphur		Gyp		Mudst
	Ferrpel		Tuff		Ls		Packst
	Ferr				Mrst		Wackest
	Glau						

OTHER SYMBOLS

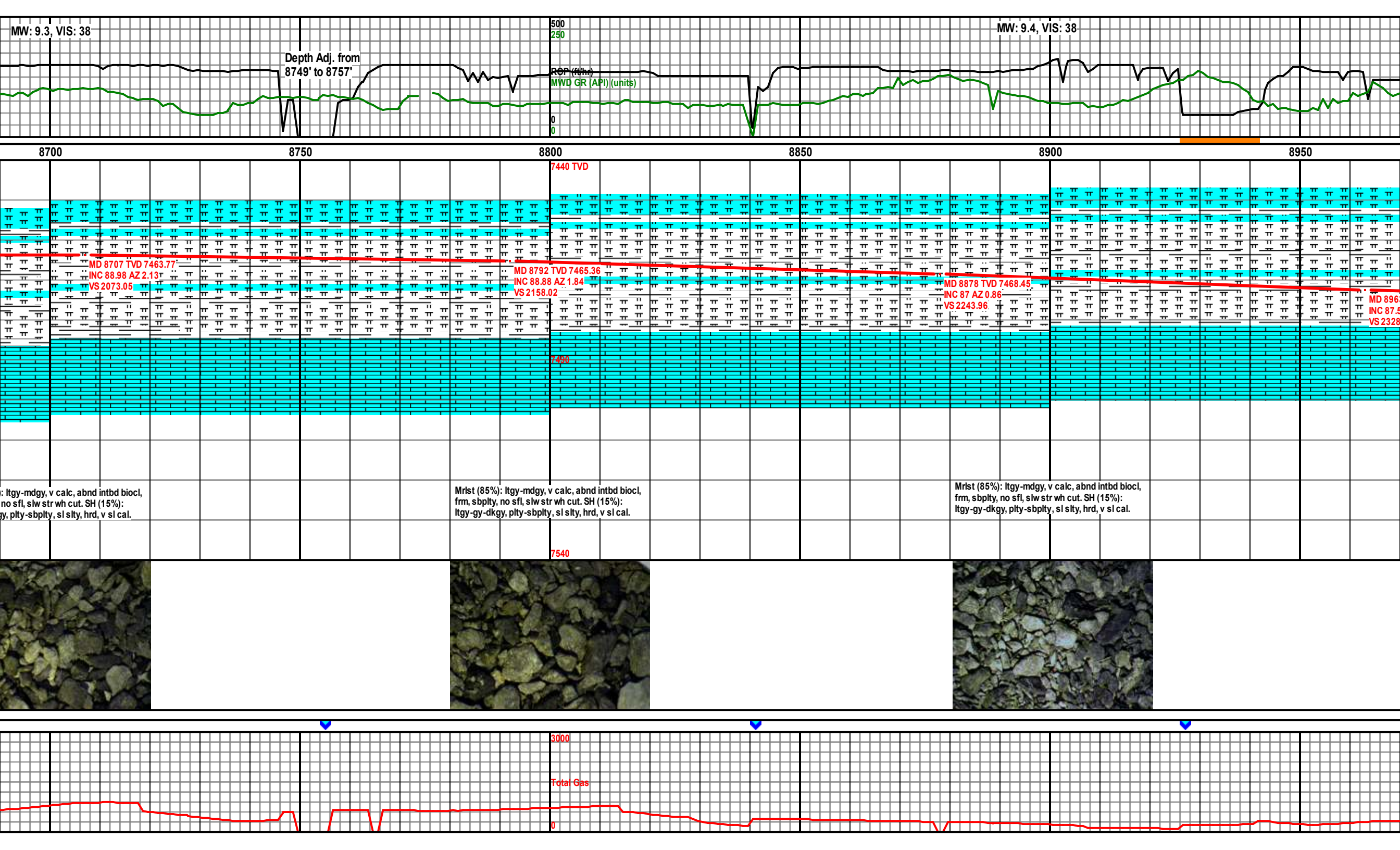
POROSITY			Vuggy	ROUNDING			Spotted	EVENT	
	Earthy				Rounded		Ques		Rft
	Fenest				Subrnd		Dead		Sidewall
	Fracture				Subang				
	Inter		Well		Angular	INTERVAL			
	Moldic		Moderate				Core		
	Organic		Poor				Dst		
	Pinpoint			OIL SHOW					
					Even				

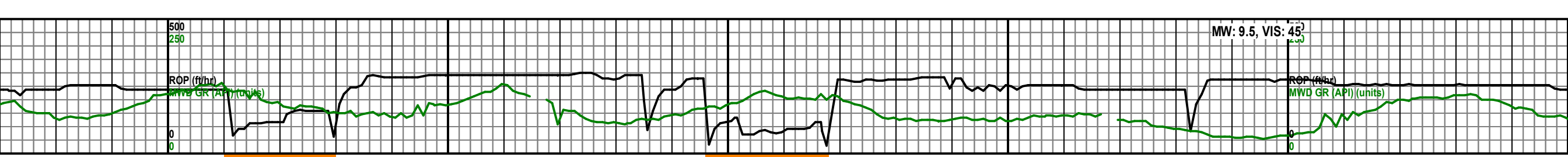




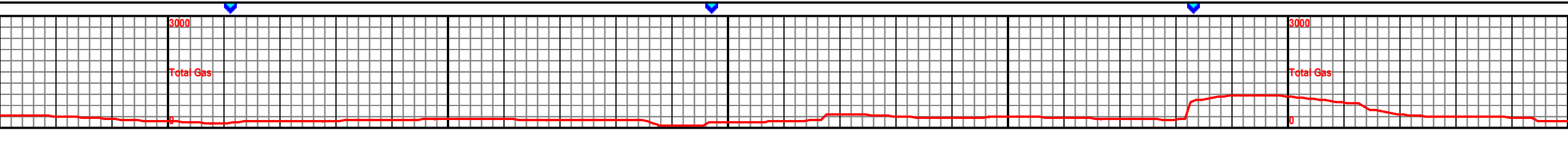


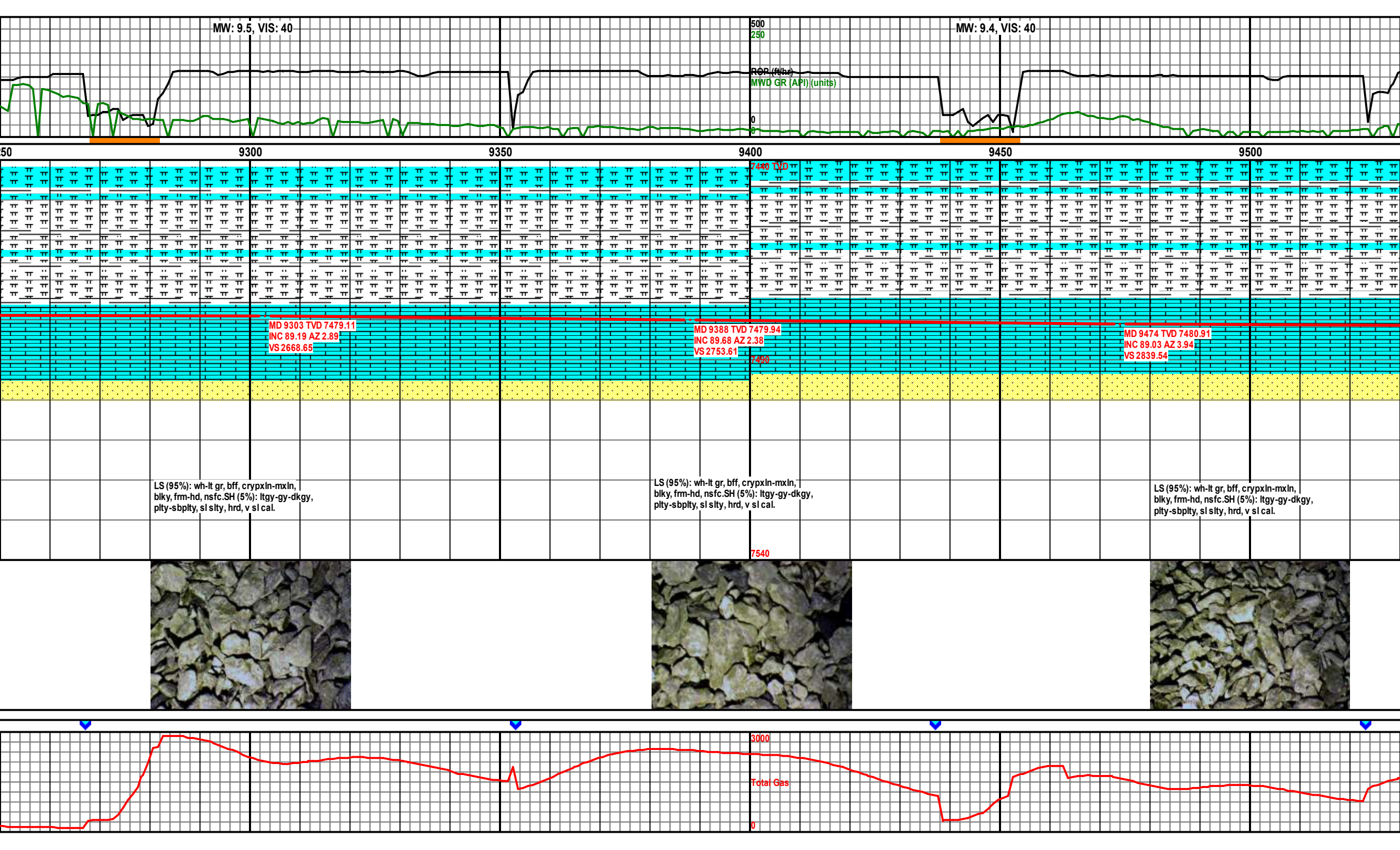
8450				8500				8550				8600				8650			
												7440 TVD							

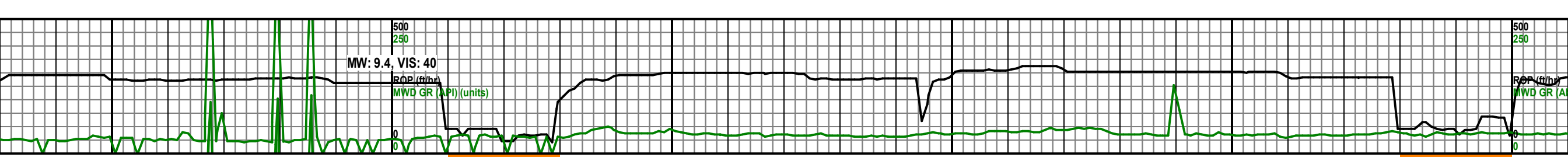




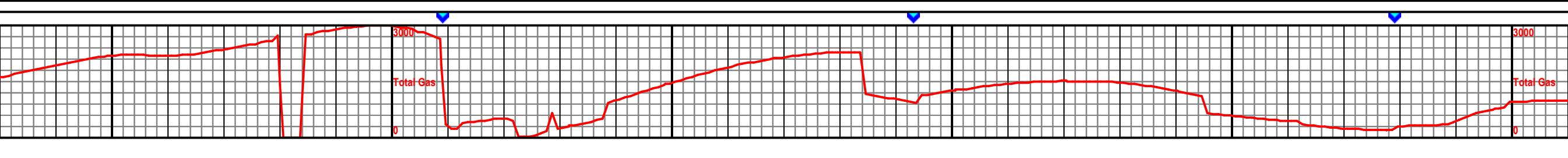
9000										9050										9100										9150										9200										9250									
7440 TVD										7440 TVD										7440 TVD										7440 TVD										7440 TVD										7440 TVD									
3 TVD 7472.47 66 AZ 1.26 86										MD 9048 TVD 7475.87 INC 87.83 AZ 2.02 VS 2413.79										MD 9133 TVD 7478.13 INC 89.13 AZ 2.06 VS 2498.74										MD 9218 TVD 7478.64 INC 90.18 AZ 3.1 VS 2583.71										MD 9218 TVD 7478.64 INC 90.18 AZ 3.1 VS 2583.71																			
7490										7490										7490										7490										7490										7490									
Mrst (85%): ltgy-mdgy, v calc, abnd intbd biocl, frm, sbpity, no sfl, slw str wh cut. SH (15%): ltgy-gy-dkgy, plty-sbpity, sl slty, hrd, v sl cal.										Mrst (85%): ltgy-mdgy, v calc, abnd intbd biocl, frm, sbpity, no sfl, slw str wh cut. SH (15%): ltgy-gy-dkgy, plty-sbpity, sl slty, hrd, v sl cal.										Mrst (55%): ltgy-mdgy, v calc, abnd intbd biocl, frm, sbpity, no sfl, slw str wh cut. LS (30%): wh-lt gr, bff, crypxln-mxln, blk, frm-hd, nsfc. SH (15%): ltgy-gy-dkgy, plty-sbpity, sl slty, hrd, v sl cal.										Mrst (55%): ltgy-mdgy, v calc, abnd intbd biocl, frm, sbpity, no sfl, slw str wh cut. LS (30%): wh-lt gr, bff, crypxln-mxln, blk, frm-hd, nsfc. SH (15%): ltgy-gy-dkgy, plty-sbpity, sl slty, hrd, v sl cal.										Mrst (55%): ltgy-mdgy, v calc, abnd intbd biocl, frm, sbpity, no sfl, slw str wh cut. LS (30%): wh-lt gr, bff, crypxln-mxln, blk, frm-hd, nsfc. SH (15%): ltgy-gy-dkgy, plty-sbpity, sl slty, hrd, v sl cal.																			
7540										7540										7540										7540										7540										7540									

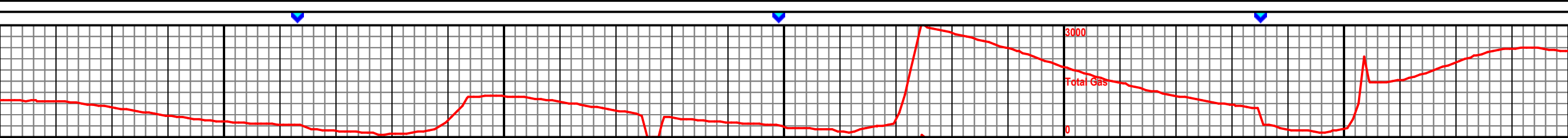
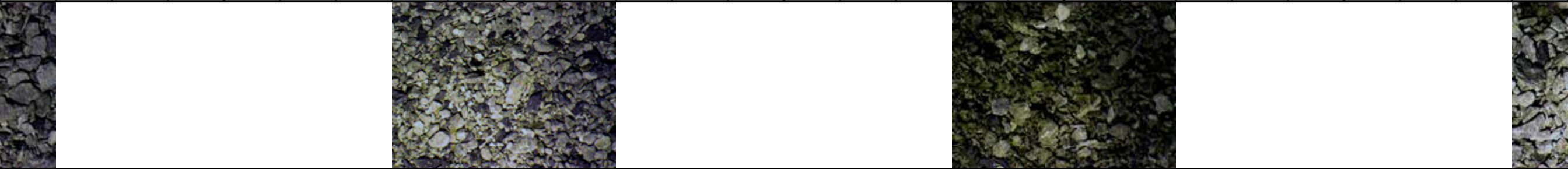
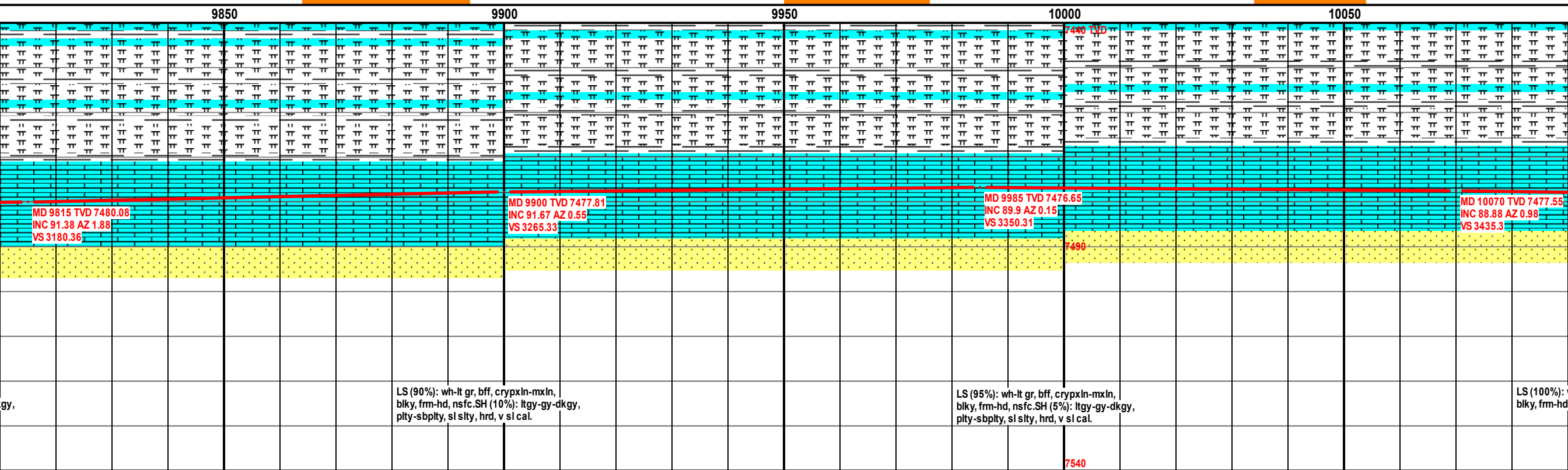
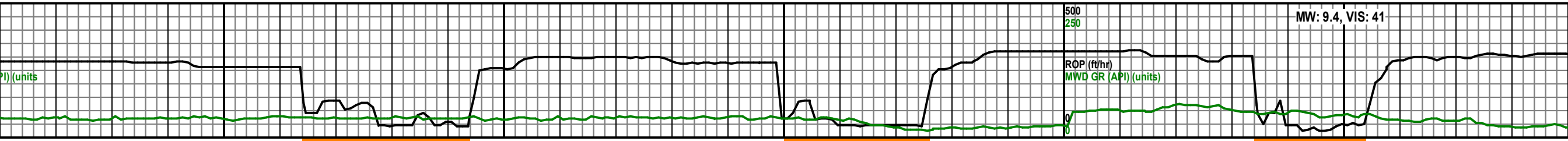


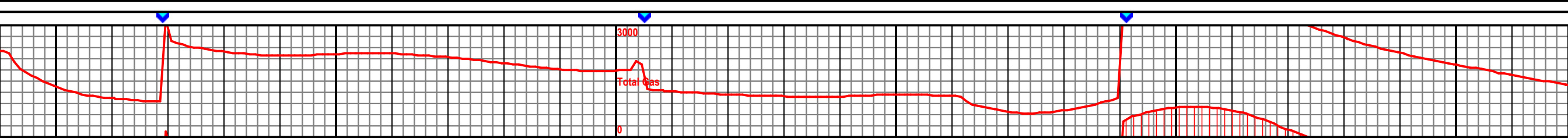
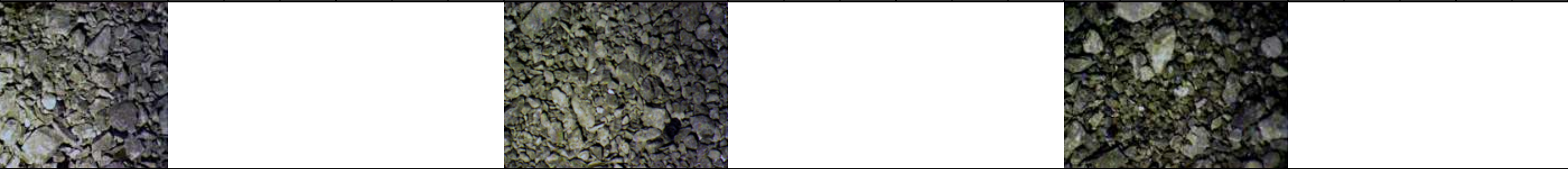
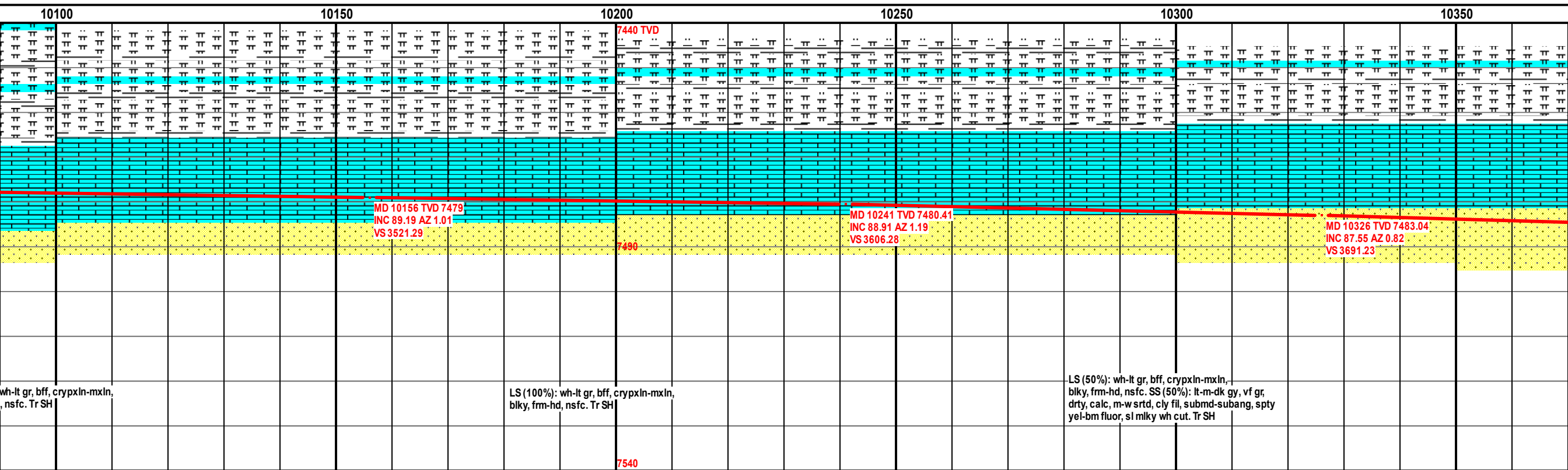
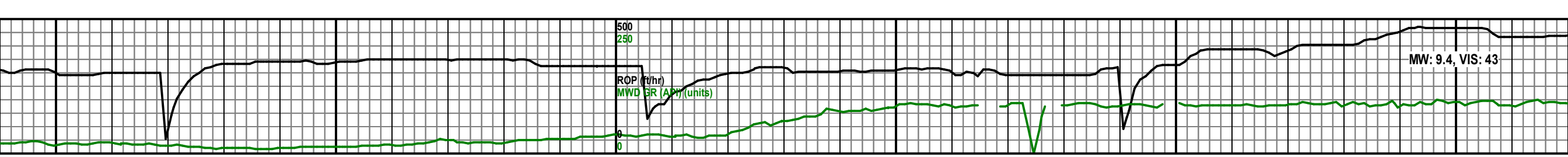


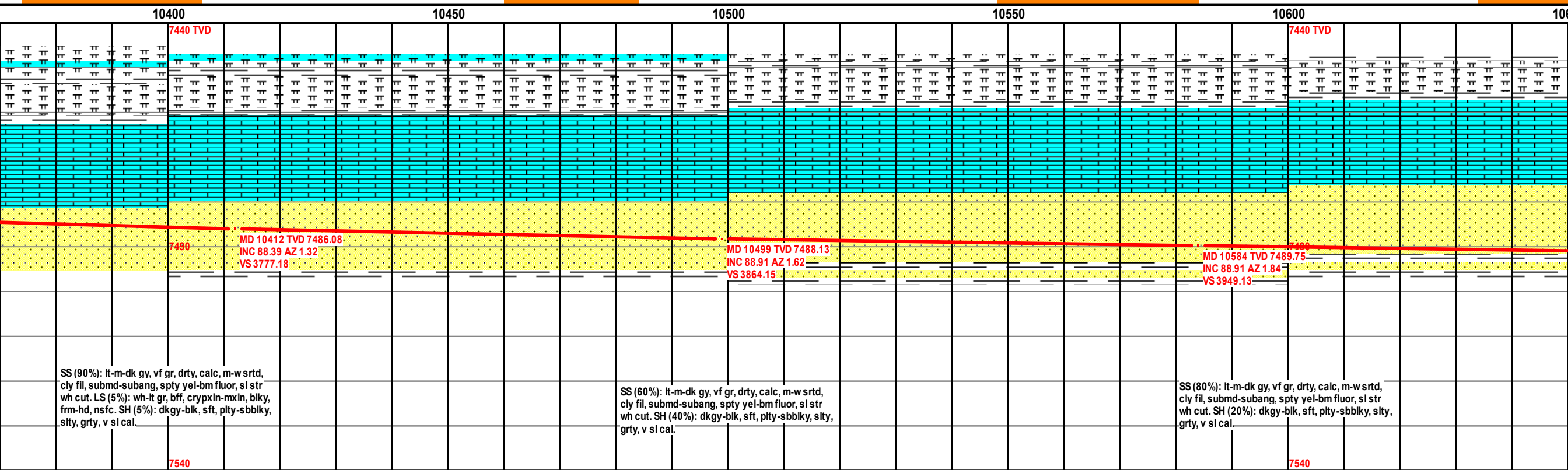
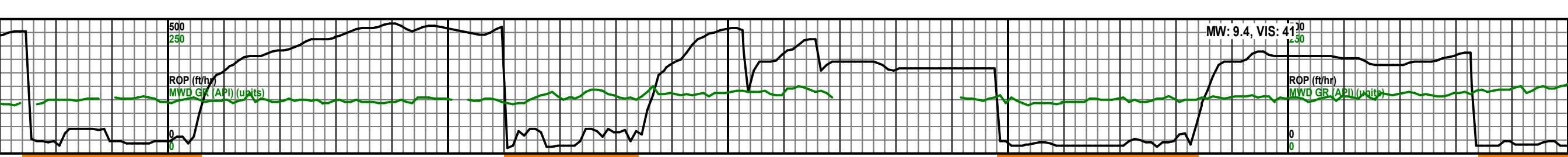


9550										9600										9650										9700										9750										9800									
MD 9559 TVD 7481.57 INC 90.09 AZ 3.04 VS 2924.46										MD 9645 TVD 7481.71 INC 89.72 AZ 2.62 VS 3010.41										MD 9730 TVD 7481.51 INC 90.55 AZ 2.23 VS 3095.39																																							
LS (100%): wh-lt gr, bff, crypxln-mxln, blk, frm-hd, nsfc. Tr SH										LS (95%): wh-lt gr, bff, crypxln-mxln, blk, frm-hd, nsfc.SH (5%): ltgy-gy-dkgy, plty-sbplty, sl slty, hrd, v sl cal.										LS (95%): wh-lt gr, bff, crypxln-mxln, blk, frm-hd, nsfc.SH (5%): ltgy-gy-dk plty-sbplty, sl slty, hrd, v sl cal.																																							





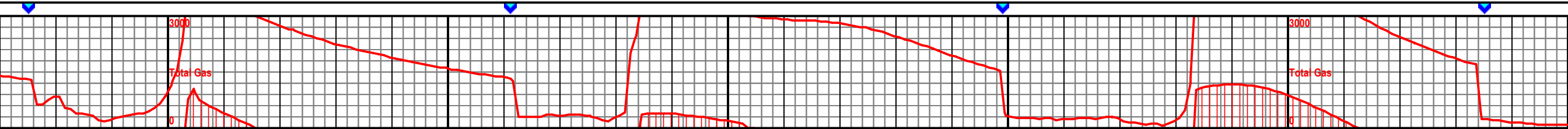
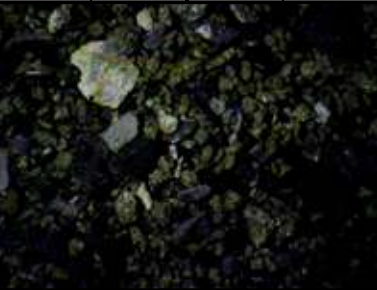
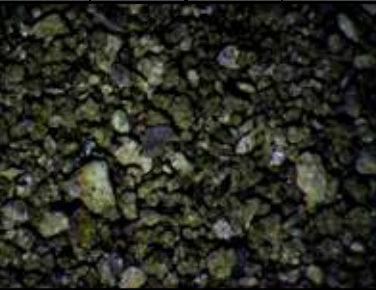


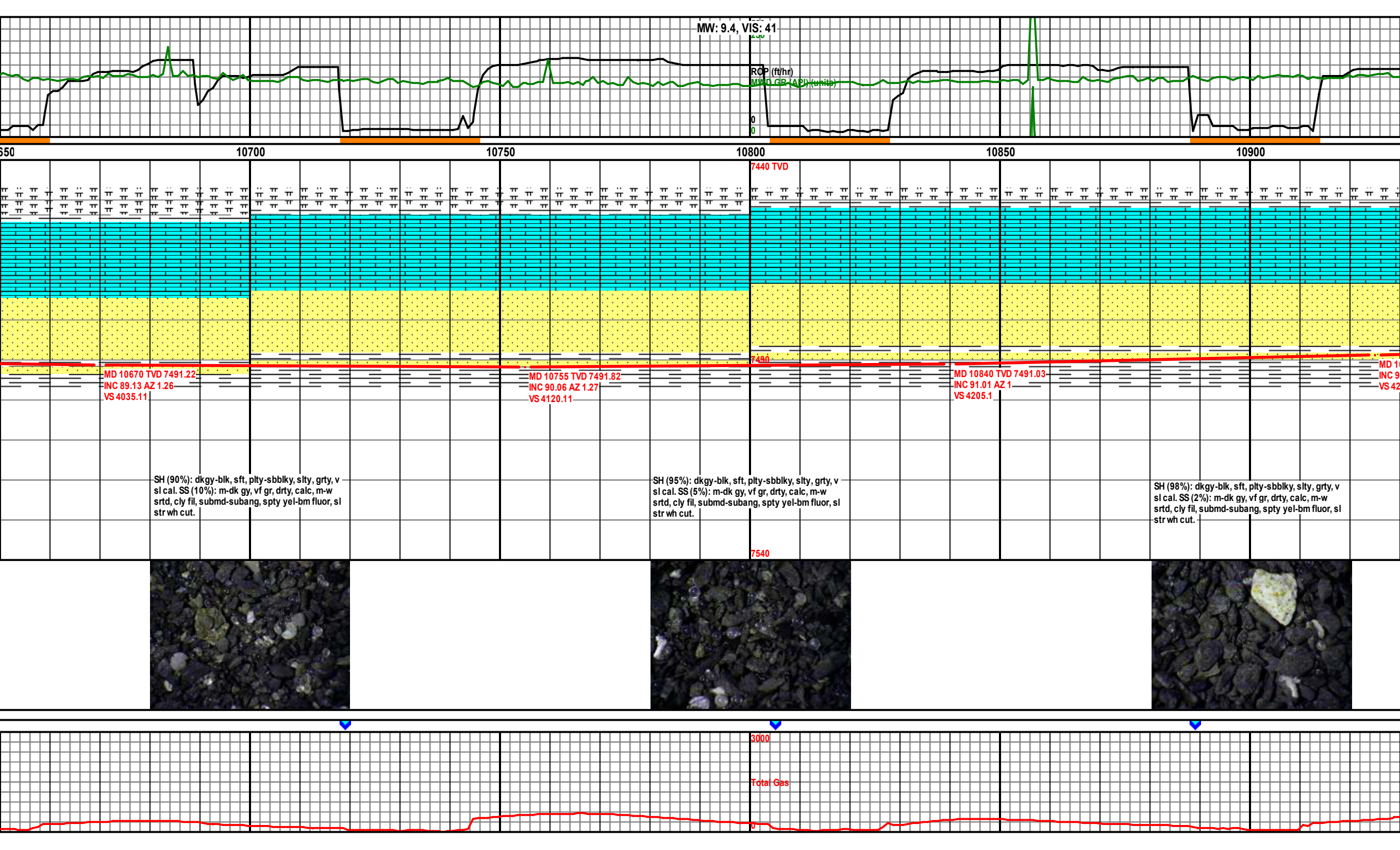


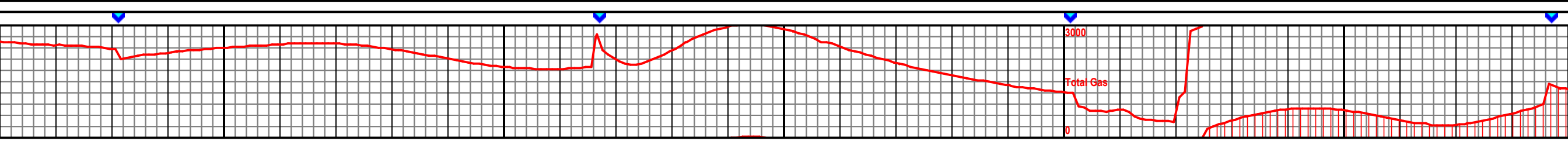
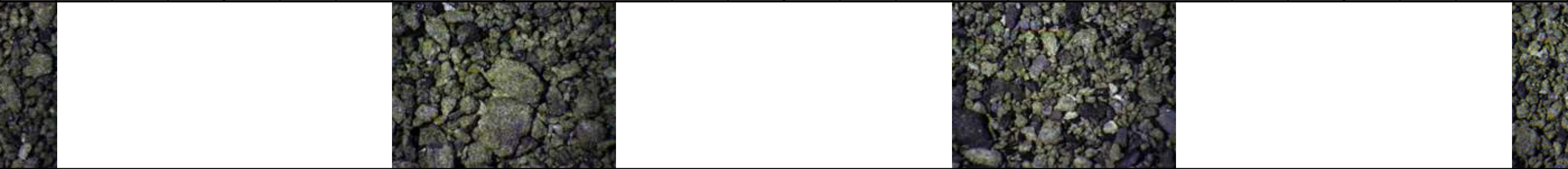
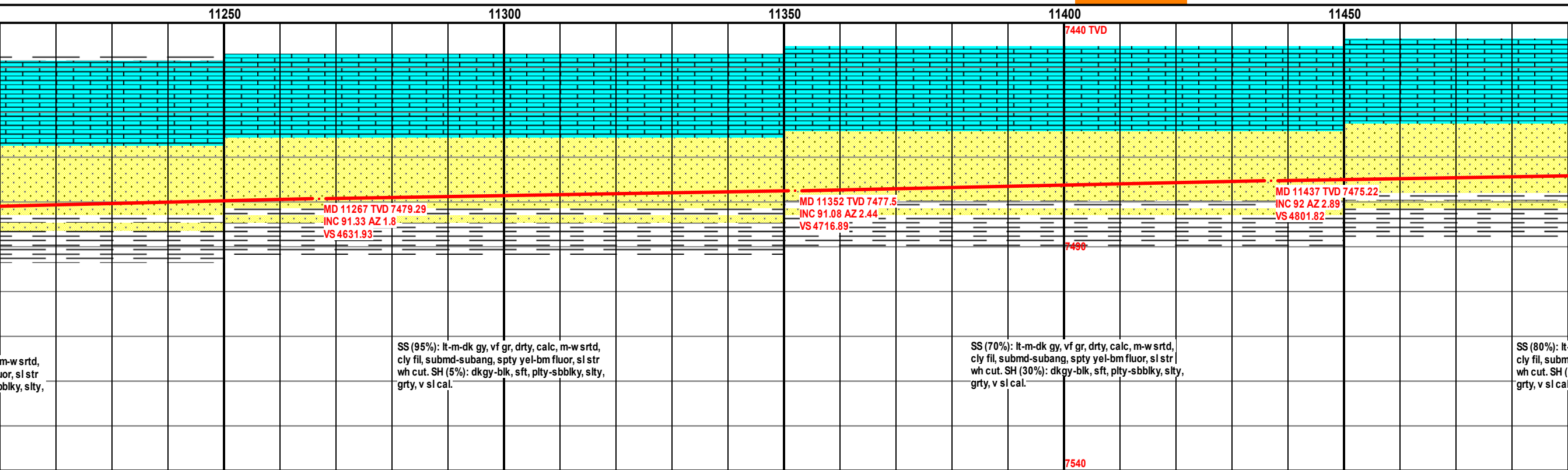
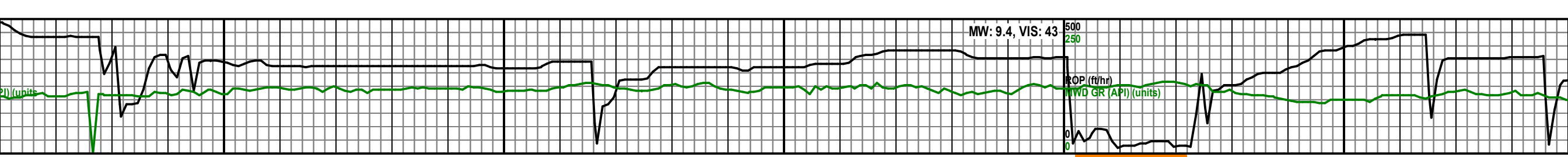
SS (90%): lt-m-dk gy, vf gr, drty, calc, m-w srtd, cly fil, submd-subang, spty yel-bm fluor, sl str wh cut. LS (5%): wh-lt gr, bff, crypxln-mxln, blk, frm-hd, nsfc. SH (5%): dkgy-blk, sft, plty-sbbiky, slty, grty, v sl cal.

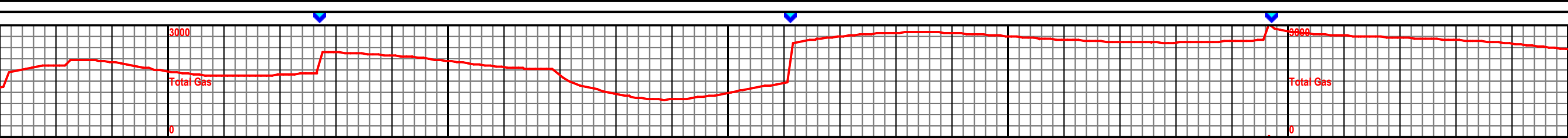
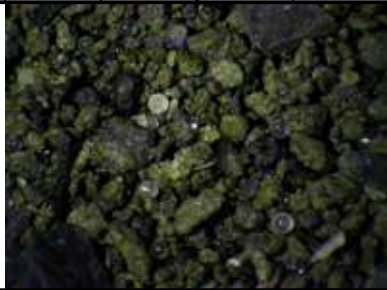
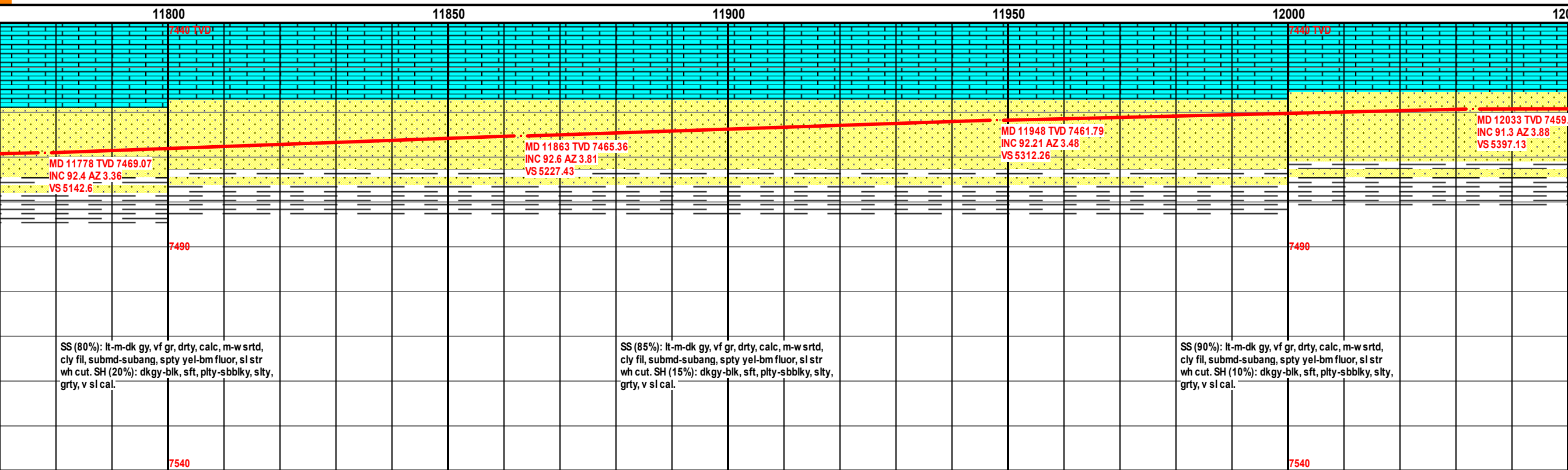
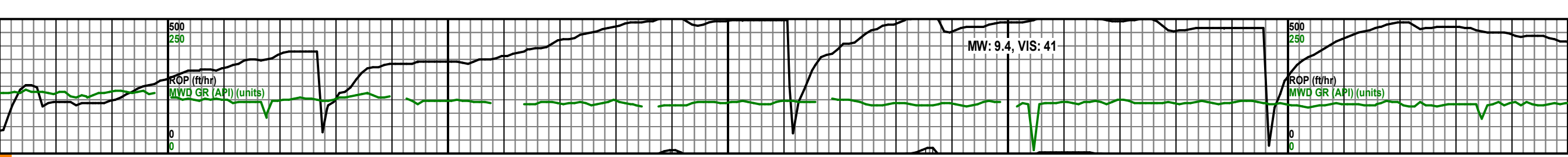
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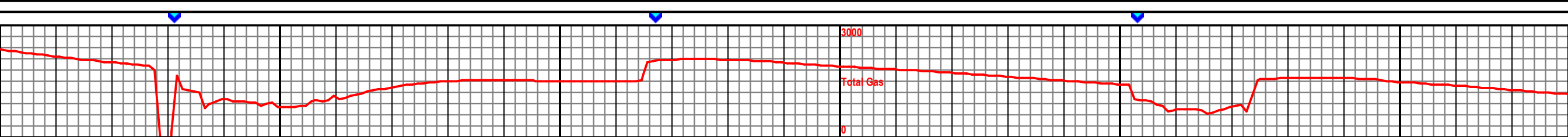
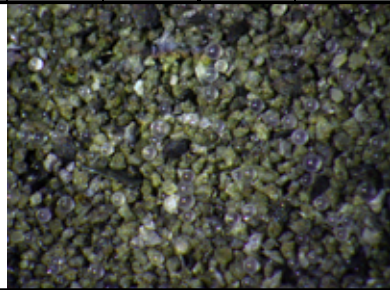
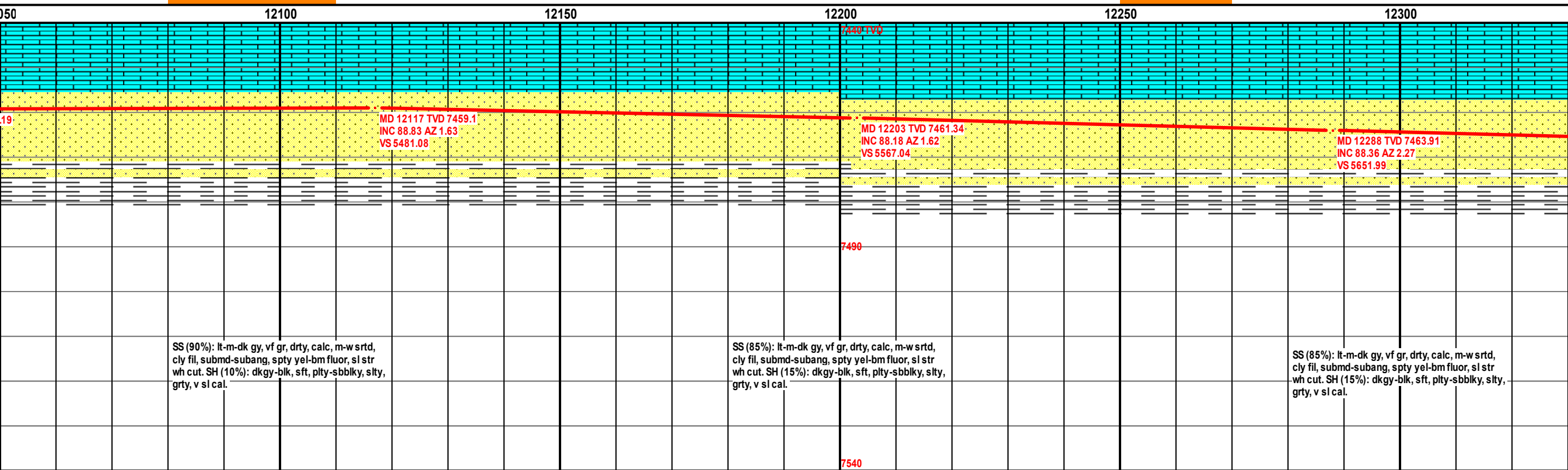
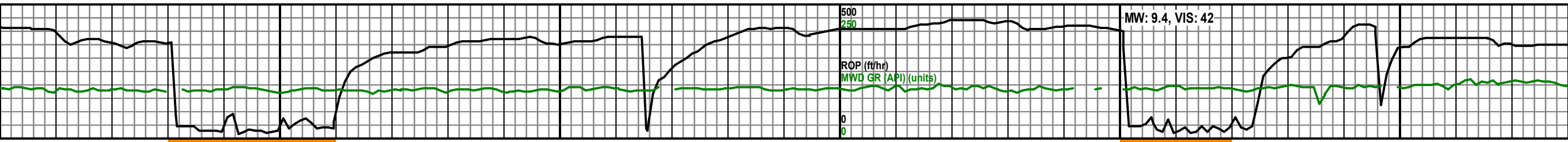
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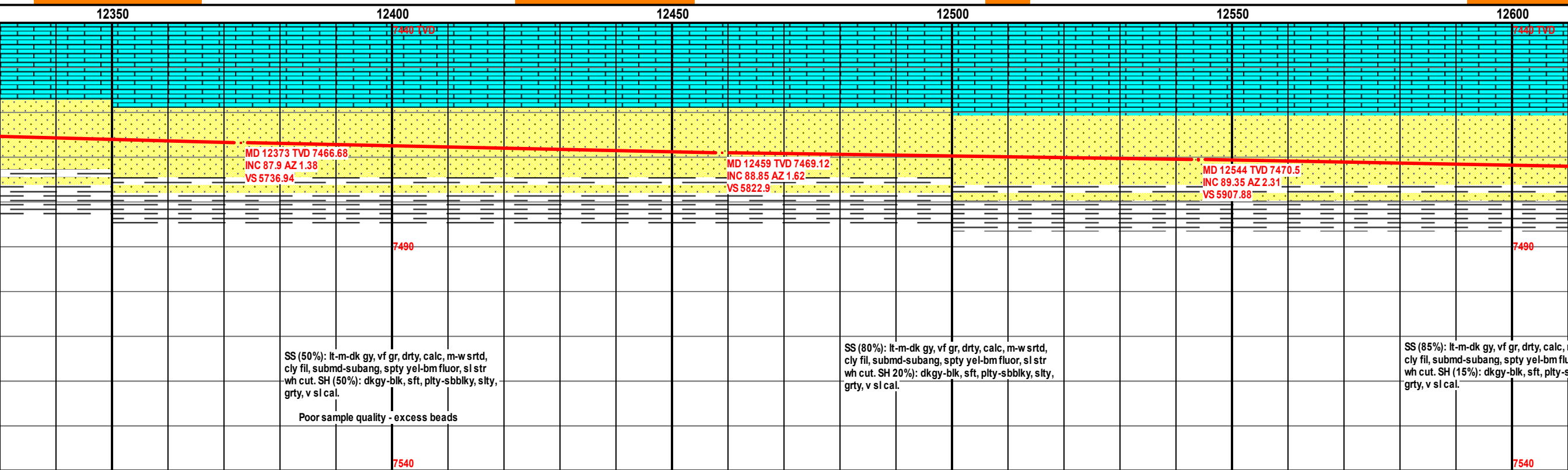
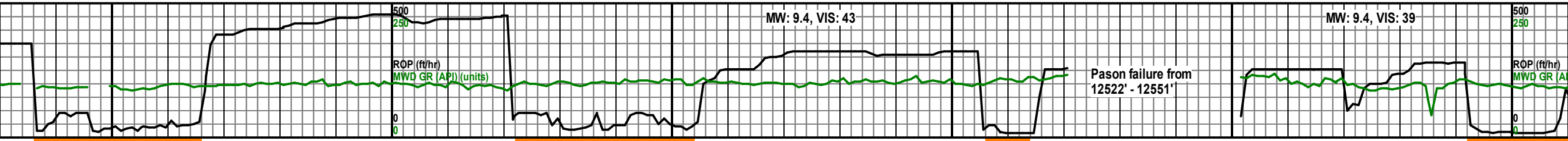












SS (50%): lt-m-dk gy, vf gr, drty, calc, m-w srtd, cly fil, submd-subang, sply yel-bm fluor, sl str wh cut. SH (50%): dkgy-blk, sft, plty-sbbiky, slty, grty, v sl cal.
Poor sample quality - excess beads

SS (80%): lt-m-dk gy, vf gr, drty, calc, m-w srtd, cly fil, submd-subang, sply yel-bm fluor, sl str wh cut. SH 20%): dkgy-blk, sft, plty-sbbiky, slty, grty, v sl cal.

SS (85%): lt-m-dk gy, vf gr, drty, calc, cly fil, submd-subang, sply yel-bm fluor, wh cut. SH (15%): dkgy-blk, sft, plty-sbbiky, slty, grty, v sl cal.

