

**Well Information**

Operator: NORTHERN CROSS (YUKON) LIMITED
Well Name: NCY McParlon A-25
Location: 300A256610137150
UWI: NCY McParlon A-25
Pool / Field: N/A / UNDEFINED
Well License #: 1130
Province / State: Yukon Territory
Country: Canada

Total Depth

Measurement Type	MD	TVD
Drillers TD (Tally)	3132 m	3089.01 m
Drillers TD (Strap or SLM)	3132 m	3089.01 m
Loggers TD	m	m

Well Co - Ordinates

	Longitude	Latitude	Well Type:
Surface Co-ordinates:	137.185758	66.040930	Deviated NS: 158.5 meters West of the East Boundary of Unit A. EW: 296.3 meters North of the South Boundary of Unit A.
Int. Casing Co-ordinates:			NS: 339.89 meters West of the East Boundary of Unit A. EW: 378.44 meters North of the South Boundary of Unit A.
Bottom Hole Co-ordinates:			NS: @ 3079.48m stn: 138.42m north of well centre EW: @ 3079.48m stn: 191.90m west of well centre
UTM Surface Co-ordinates:	Northing: 7329565.45		Easting: 395189.91

Elevations

Reference: _____ MSL
 Ground: 616.8 m
 Cut(-) / Fill(+): -0 m
 K.B. to Ground: 8.35 m
 Kelly Bushing: 625.15 m
 Casing Flange: _____ m

Well Summary

Spud Date:	Jul 2, 2012 @ 20:30hrs
TD Date:	Sep 19, 2012 @ 22:15hrs
Rig Release Date:	
Contractor:	Patterson Drilling Rig #3.

Casing Summary

Type	Hole Size	Casing Size	Landed At
Conductor	mm	508 mm	28.2 m
Surface	444.5 mm	339.7 mm	374.6 m
Intermediate	311 mm	244.5 mm	1193.82 m

Drilling Fluid Summary

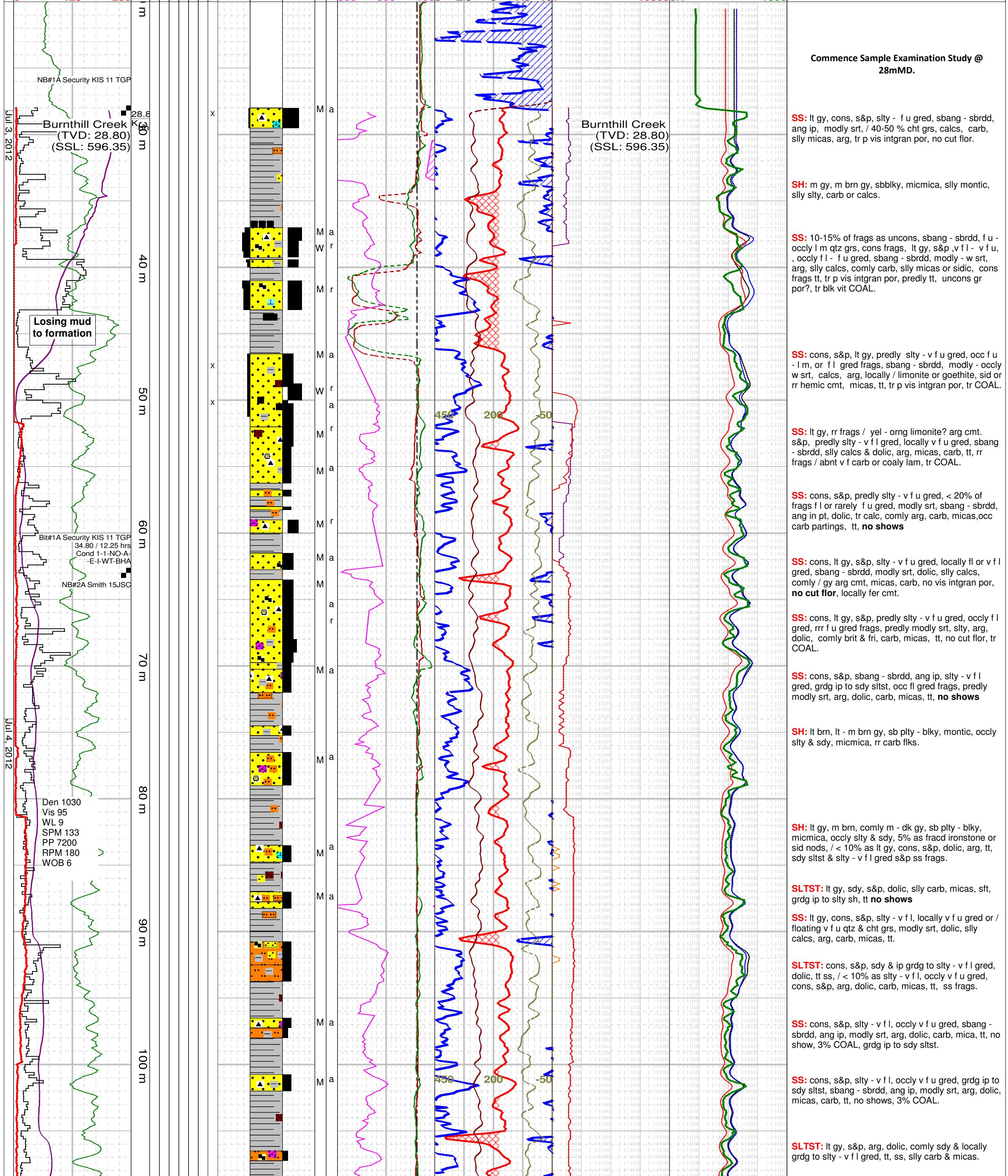
Fluid Type	From	To
Gel Chemical	0 m	377 m
Polymer PHPA	377 m	3132 m

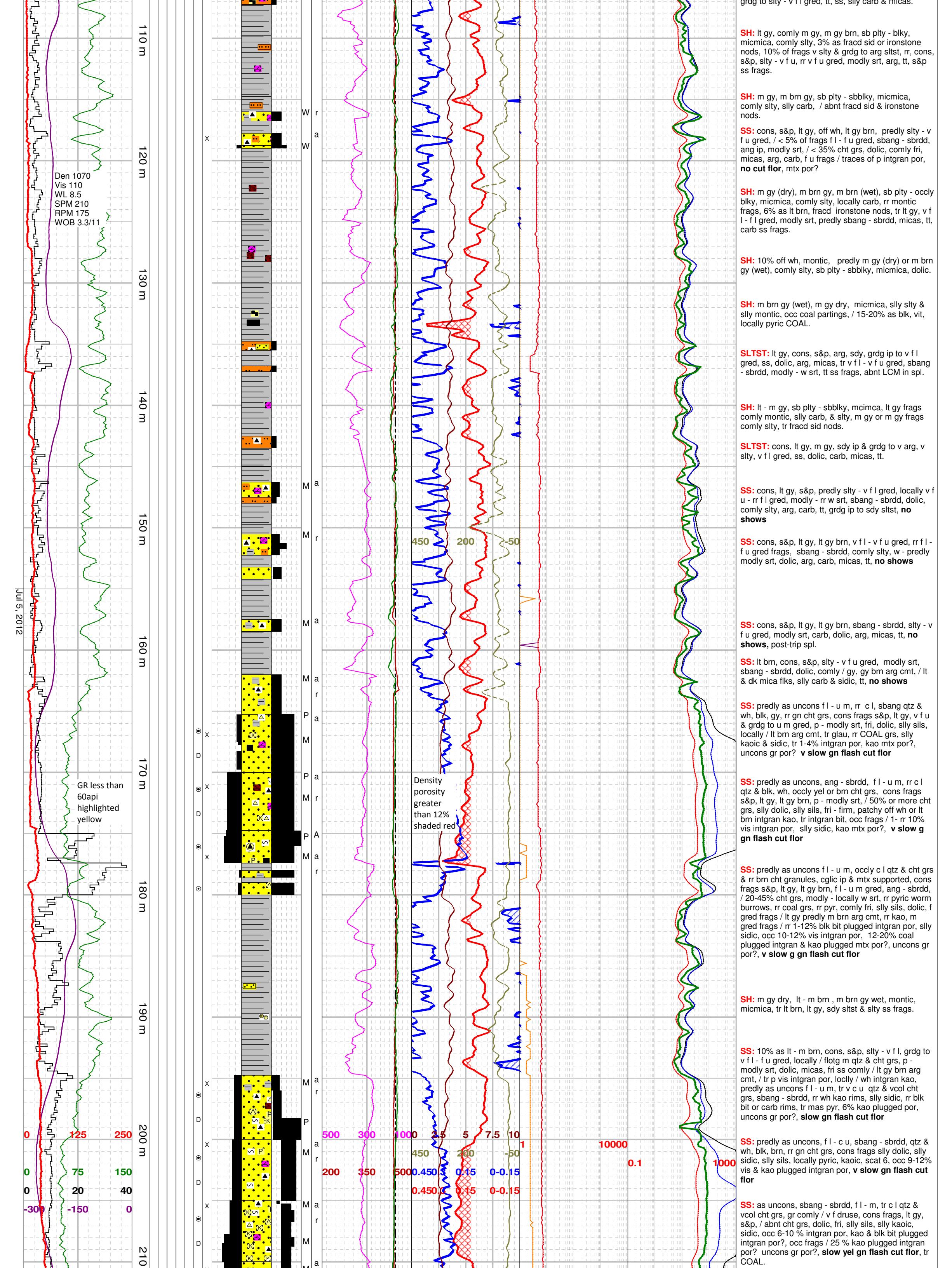
Work Schedule

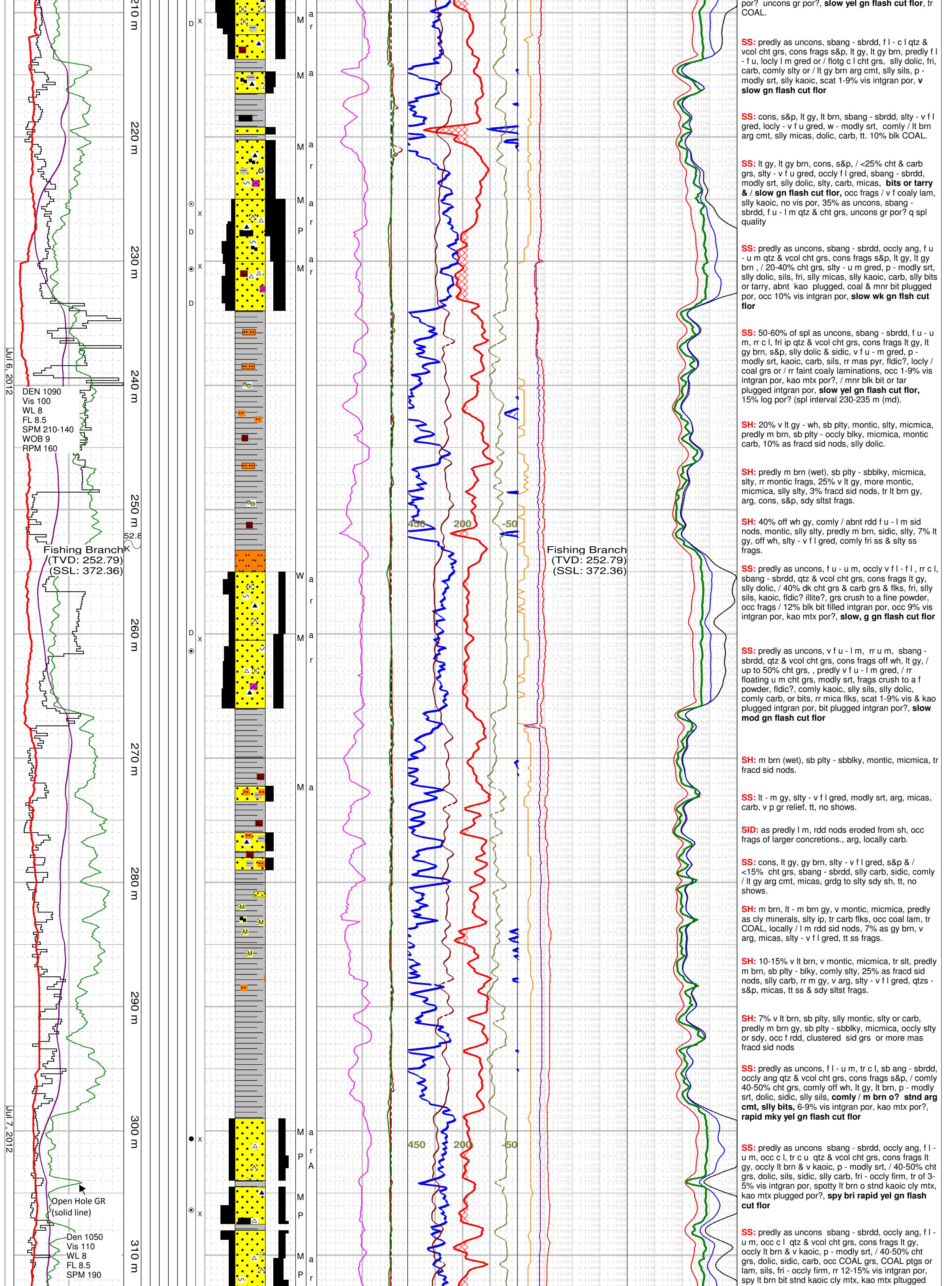
Contractor	Geologist	Log Interval	Dates Logged
Keitech Consultants Ltd	H. Gluth, P. Geo / T. Wall BSc Geol	28 m - 3132 m	Jun 28, 2012 - Sep 20, 2012

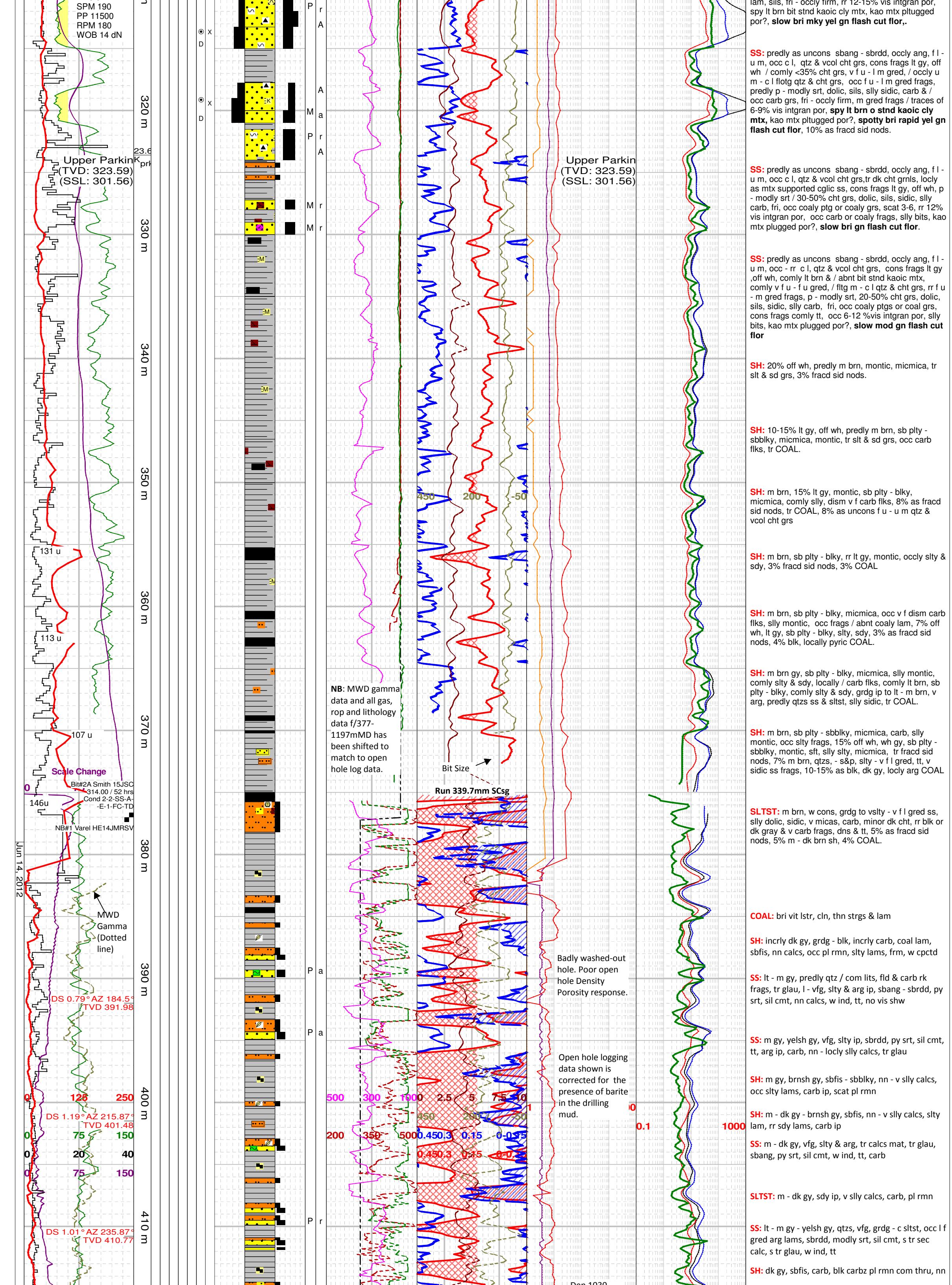
Remarks

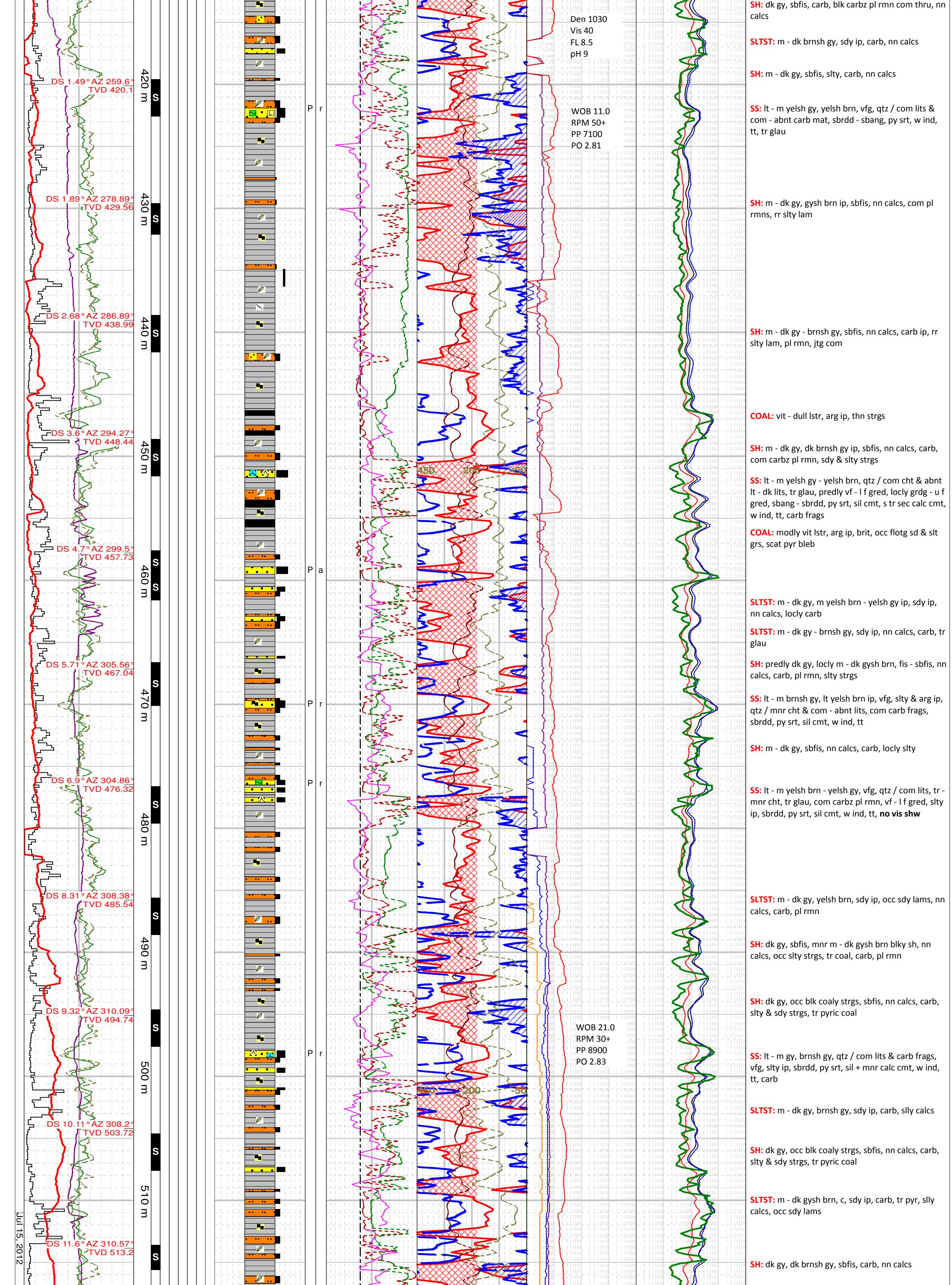
Drilling Progress							Northern Cross Yukon		
Total Gas - ROP							NCY McParlon A-25		
Gamma Ray - SP							300/A25 66-10 137-15/0		
Date	SP (Mv)	Drill Rate (min/m)	Measured Depth	Caliper Logs	Density-Neutron	Mud Gas	Array Induction		
-300	-150	0	m	Sonic DT	Density Correction	Chromotography			
0	20	40			PEFZ				
0	75	150		Hole Size (mm)	C5 (Total Pentanes) (ppm)				
0	75	150		Y Caliper (mm)	C4 (Total Butanes) (ppm)	Shallow Induction AF20 (ohmm)			
0	125	250		X Caliper (mm)	C3 (Propane) (ppm)	Medium Induction AF30 (ohmm)			
				Density Porosity (%)	C2 (Ethane) (ppm)	Deep Induction AF60 (ohmm)			
				Neutron Porosity (%)	C1 (Methane) (ppm)	Invaded Fm Resistivity (ohmm)			
				Density Correction (Kg/m3)					
				Sonic Curve (ms/m)					
				PEF (b/e)					
				500 300 1000 2.5 5 7.5 101					

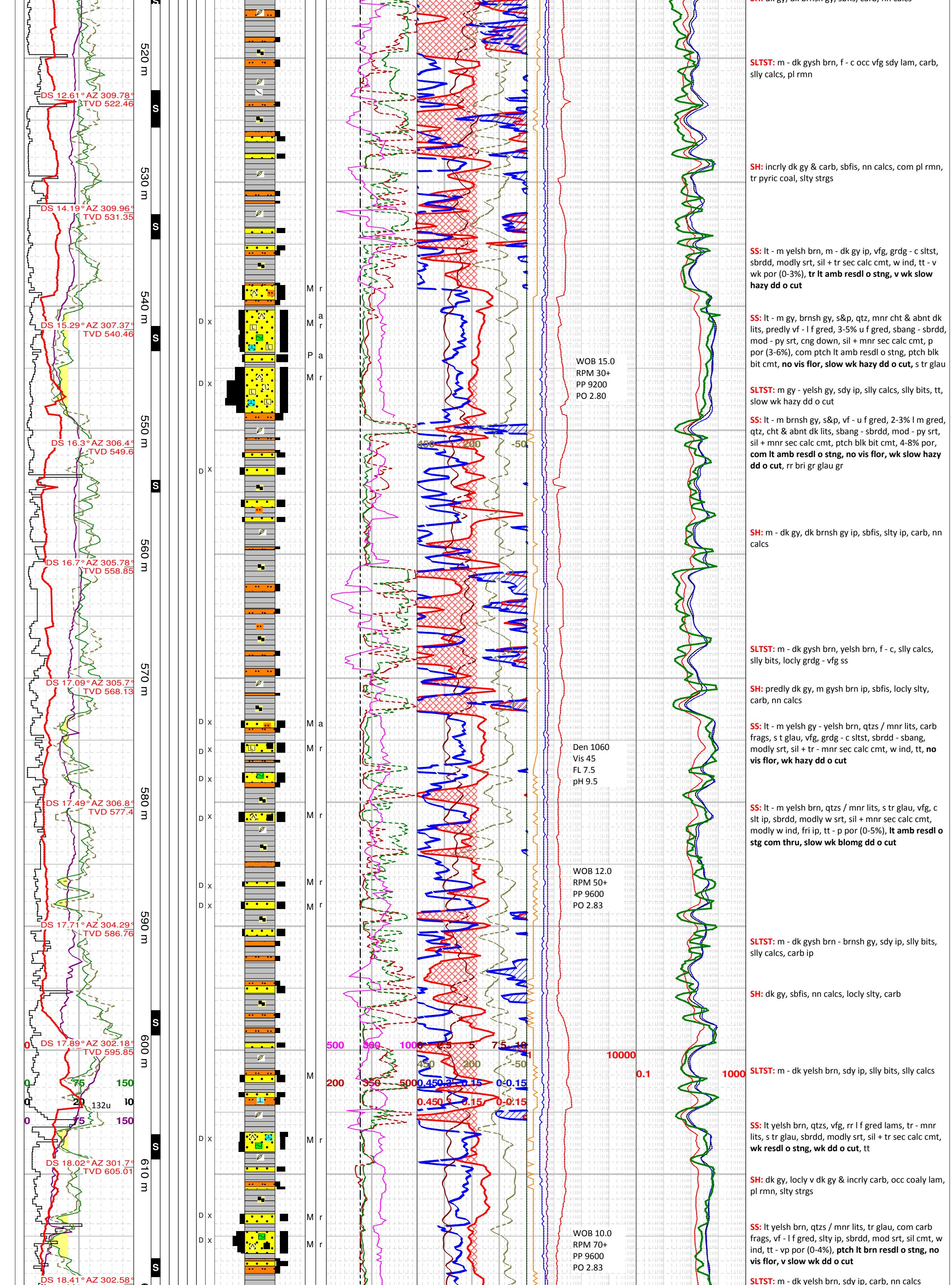


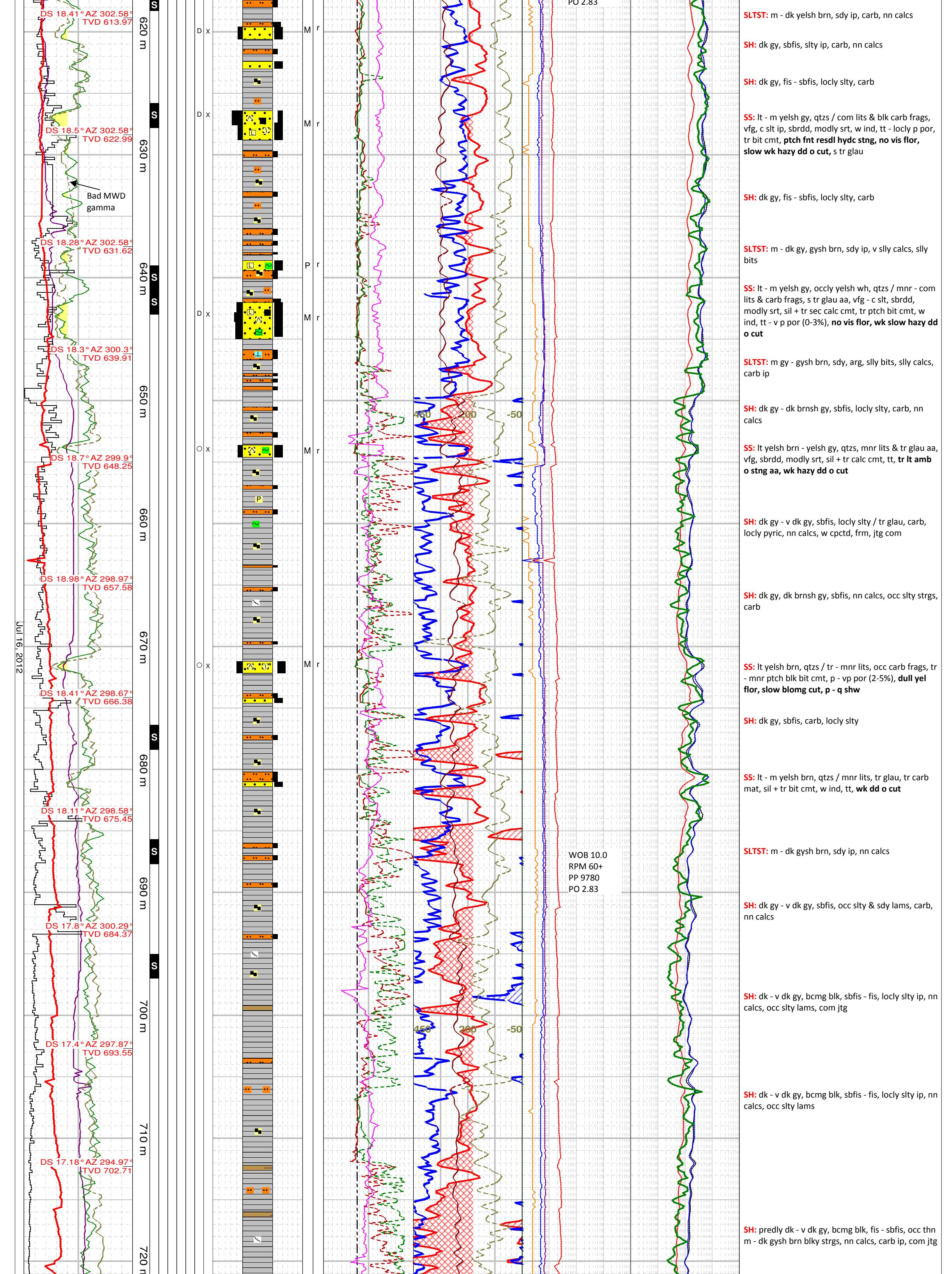


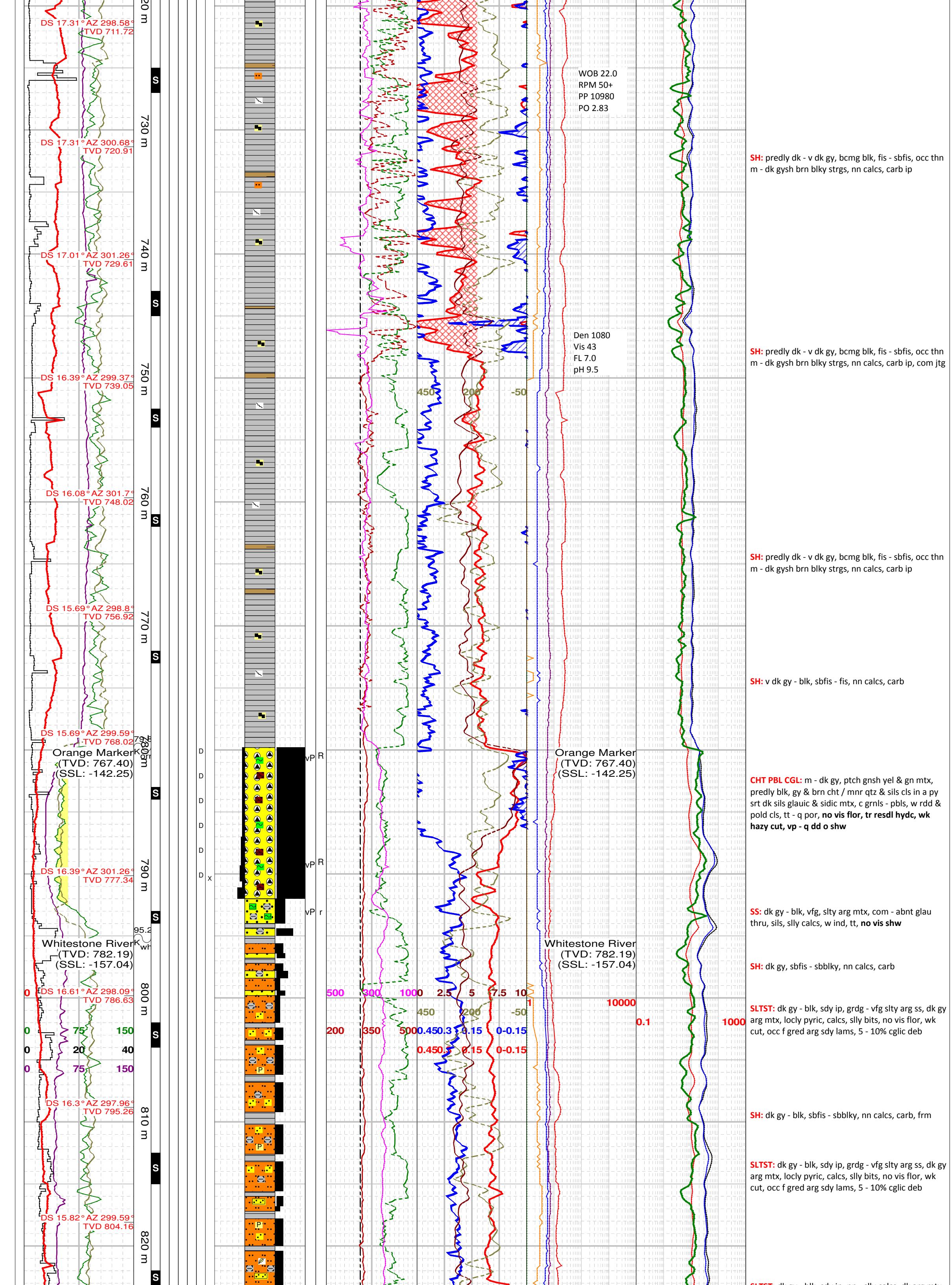


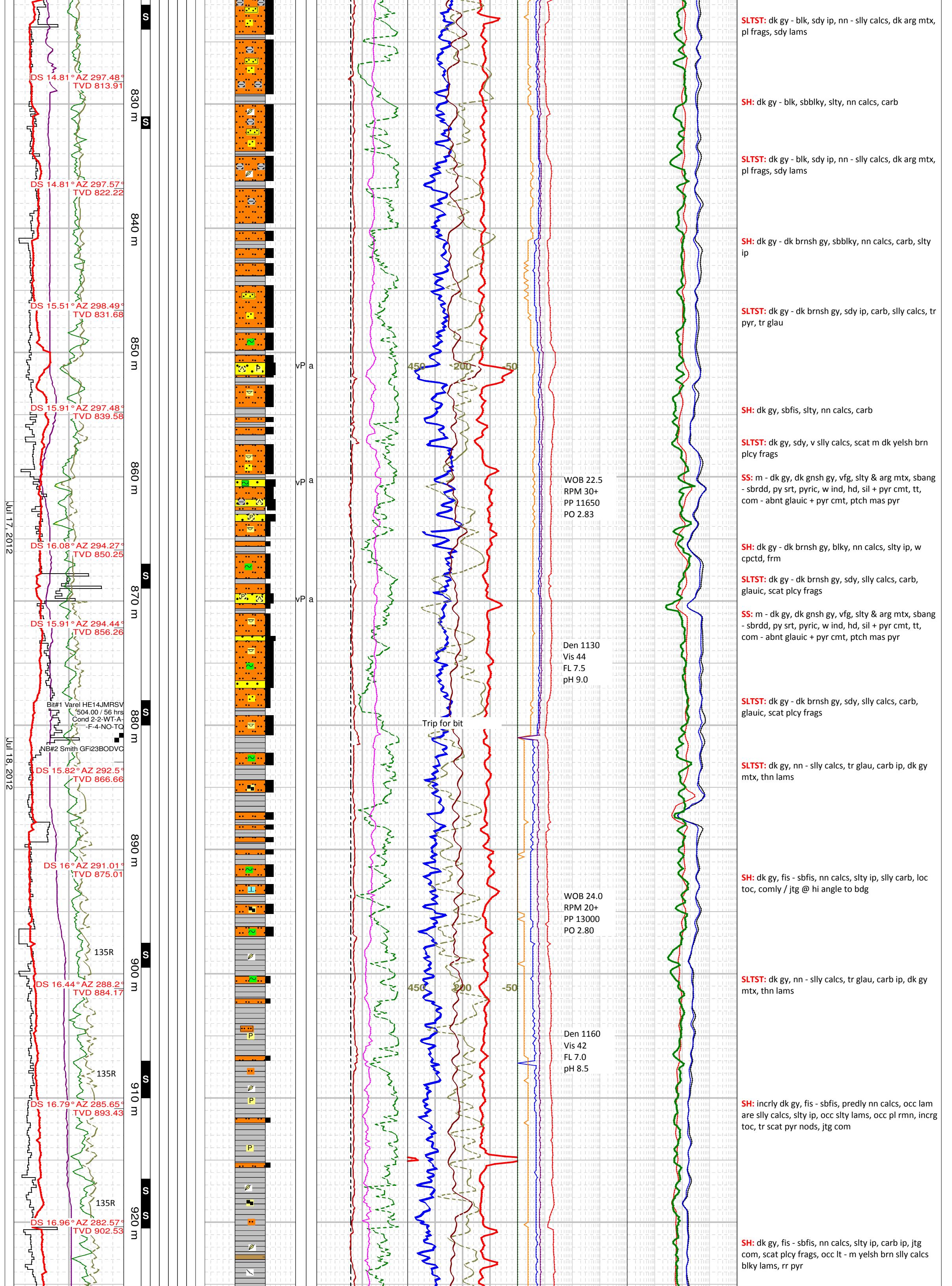


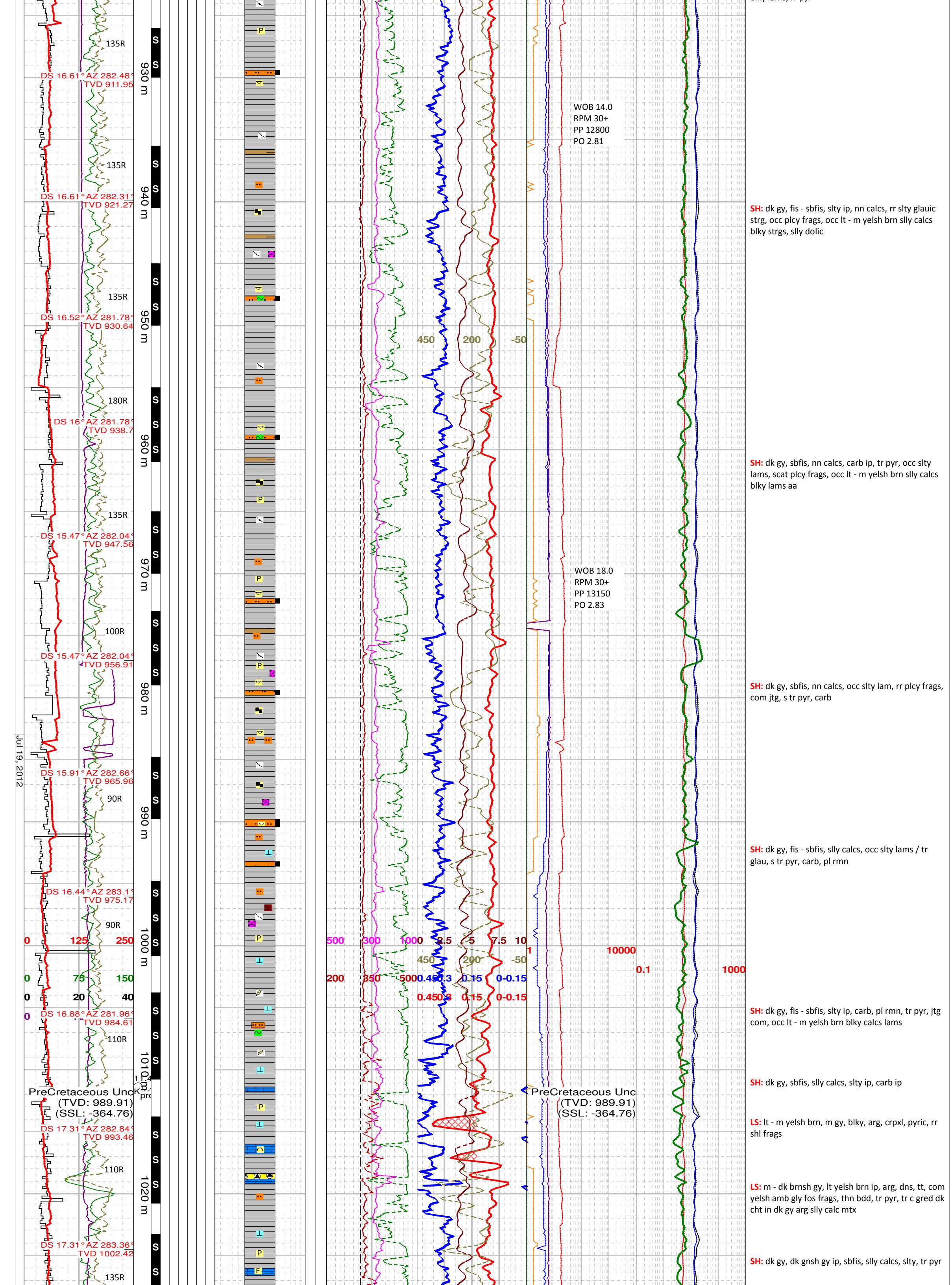


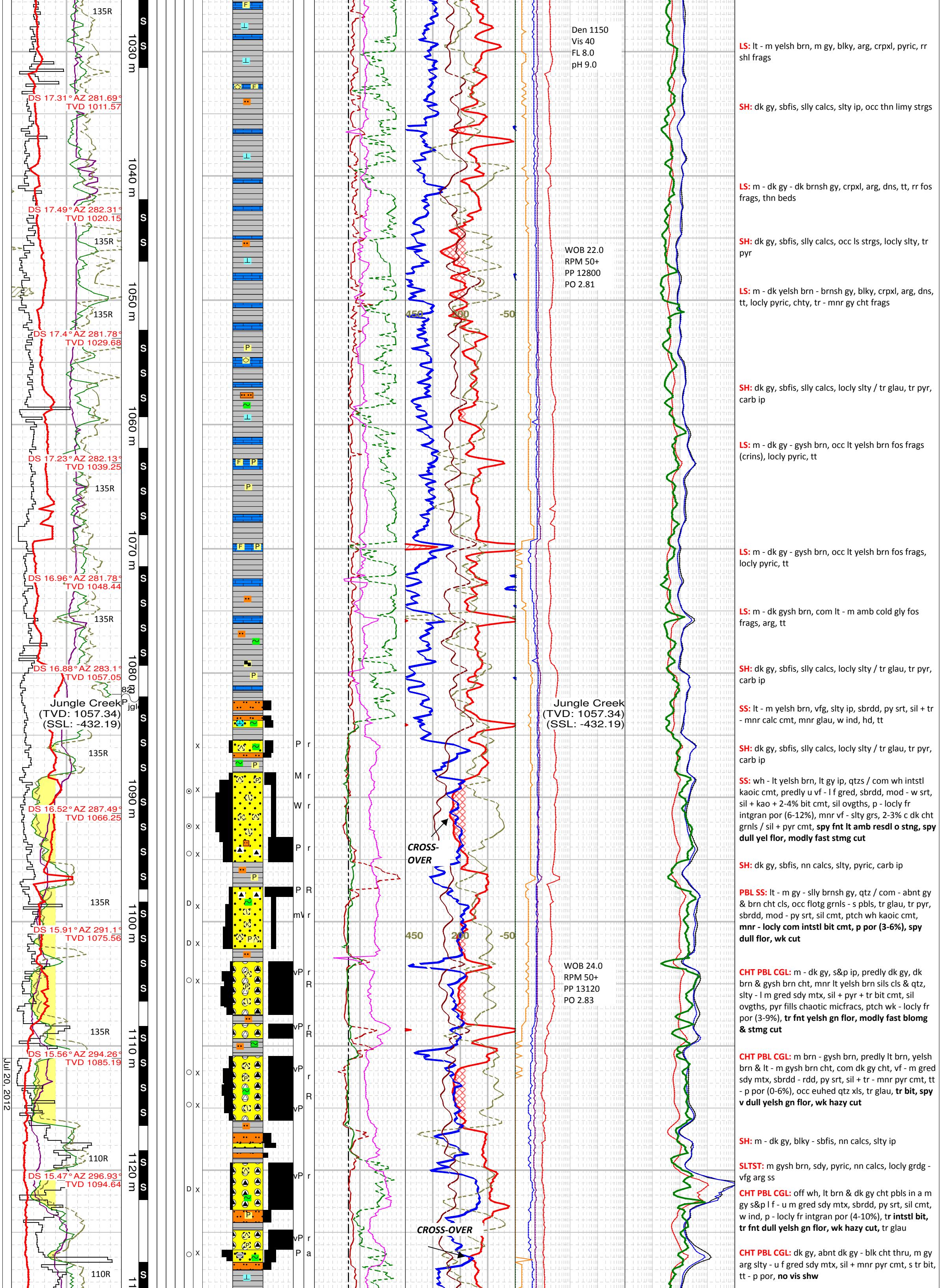


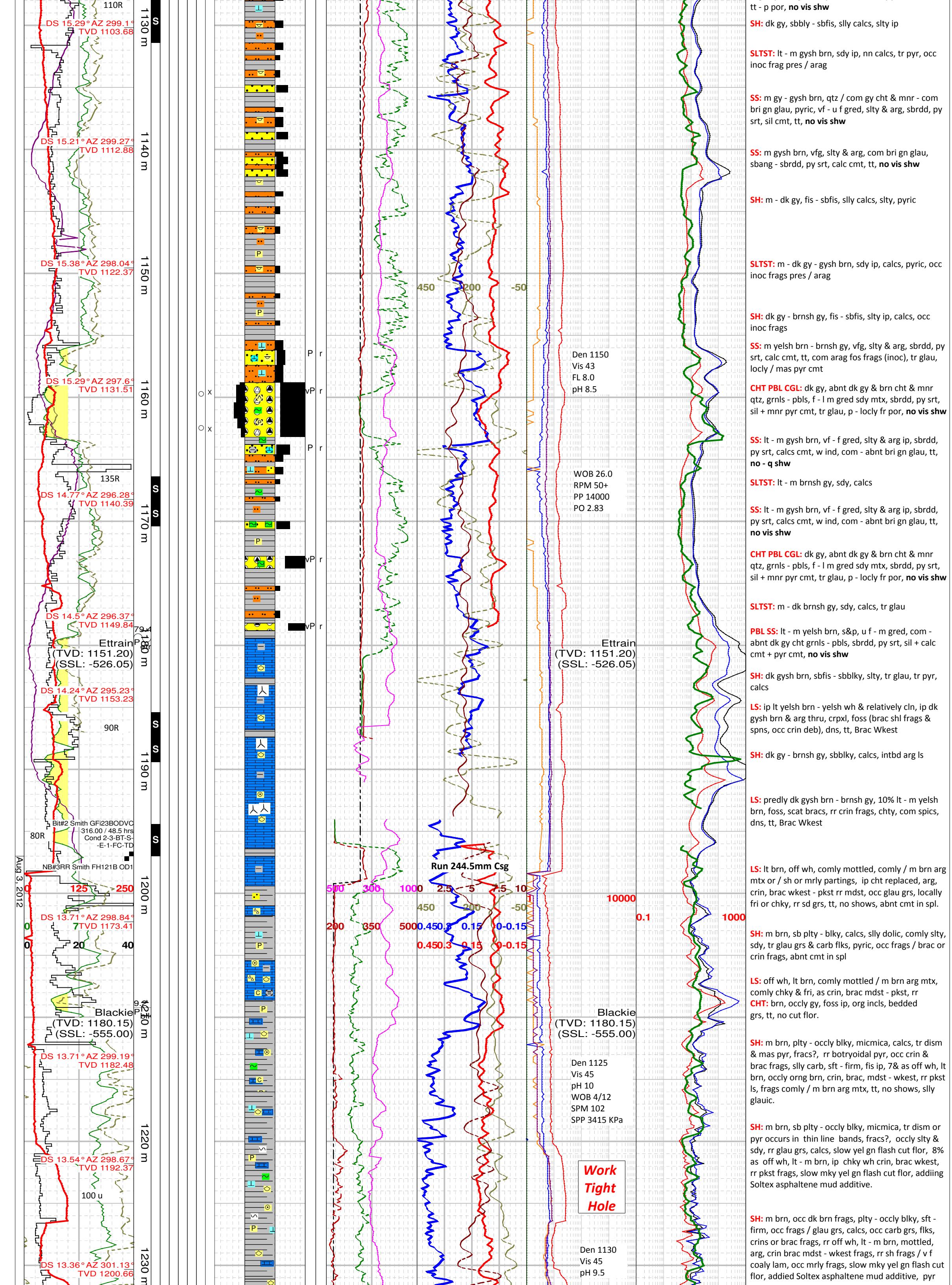


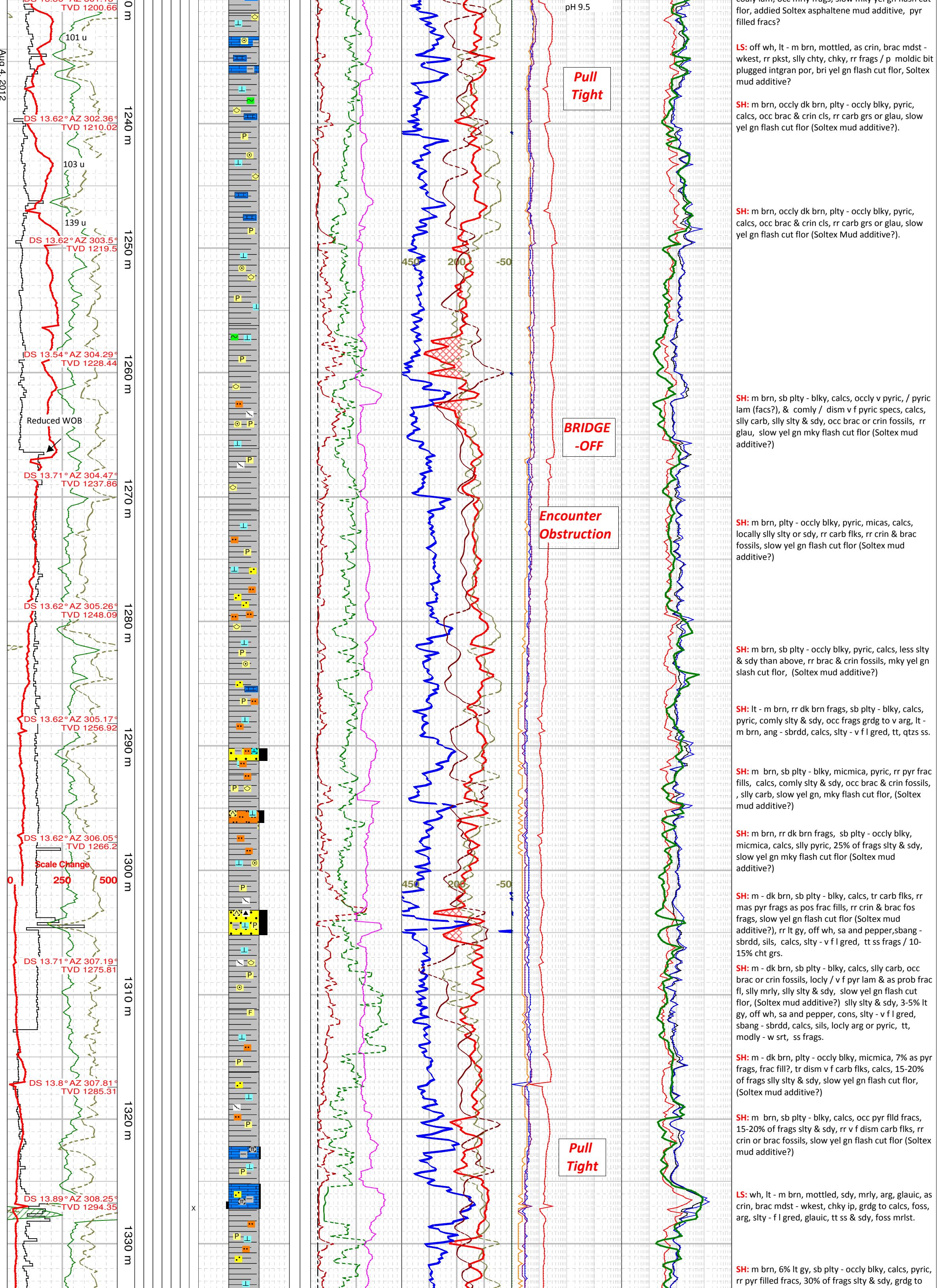


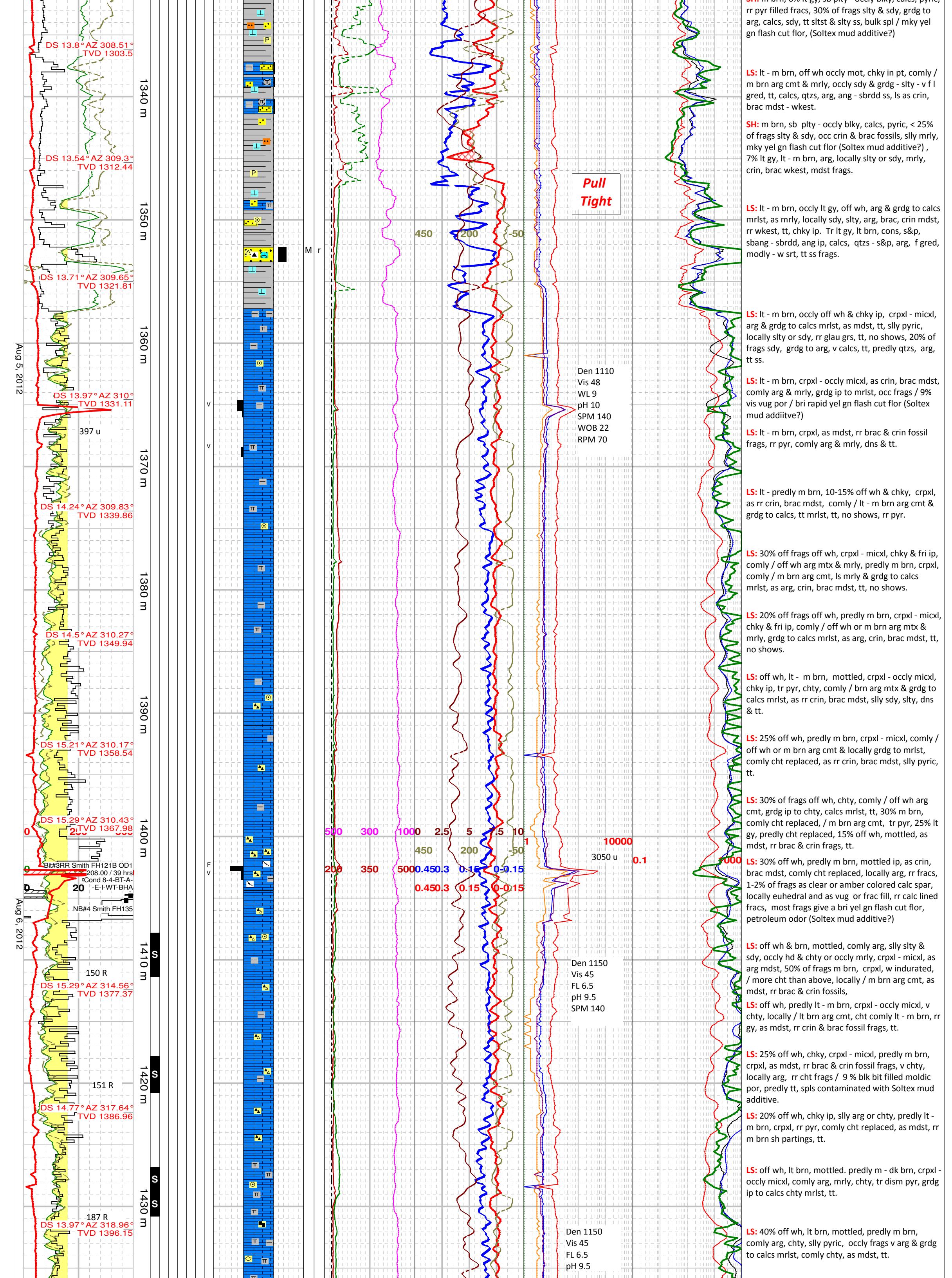


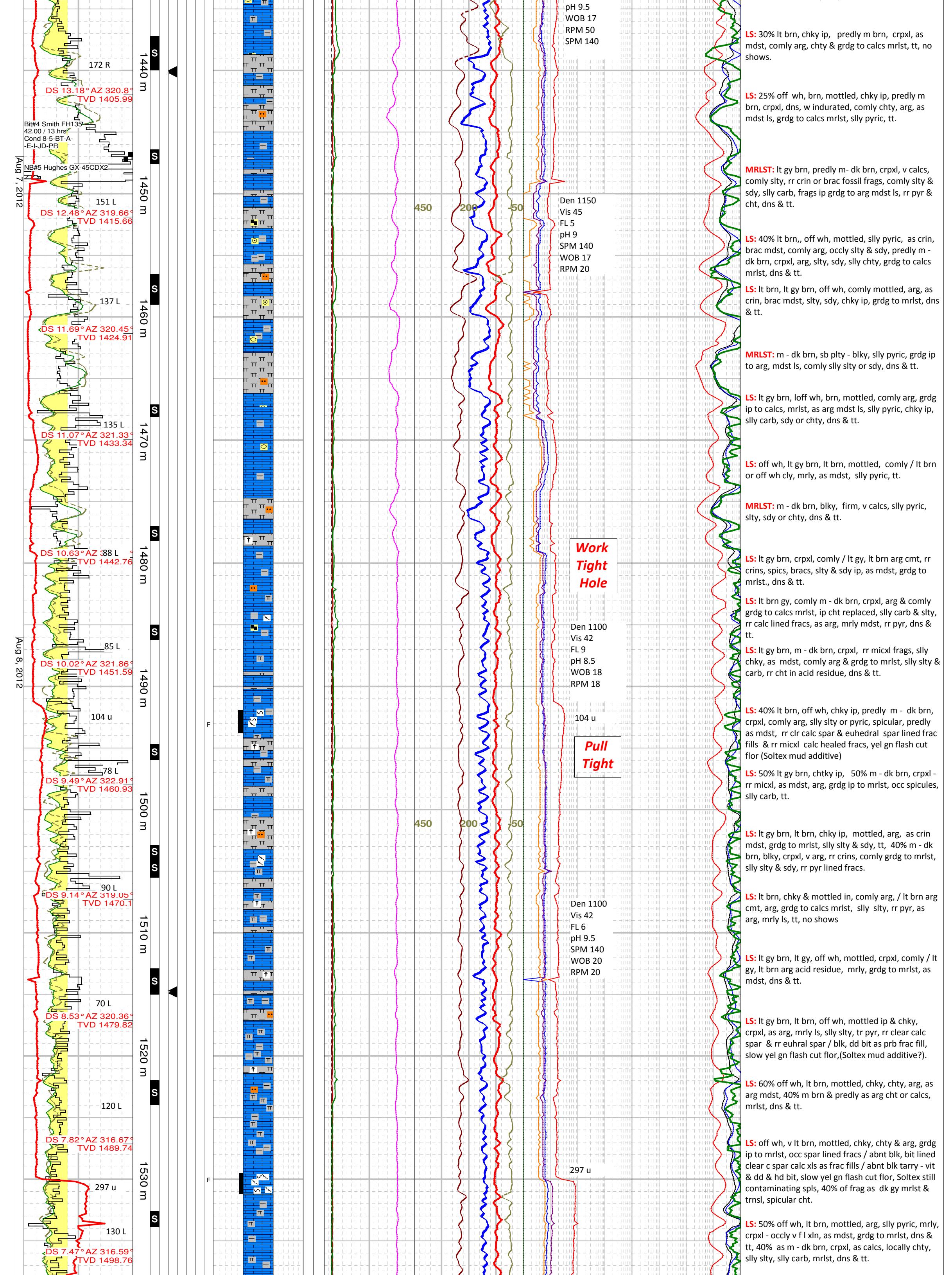


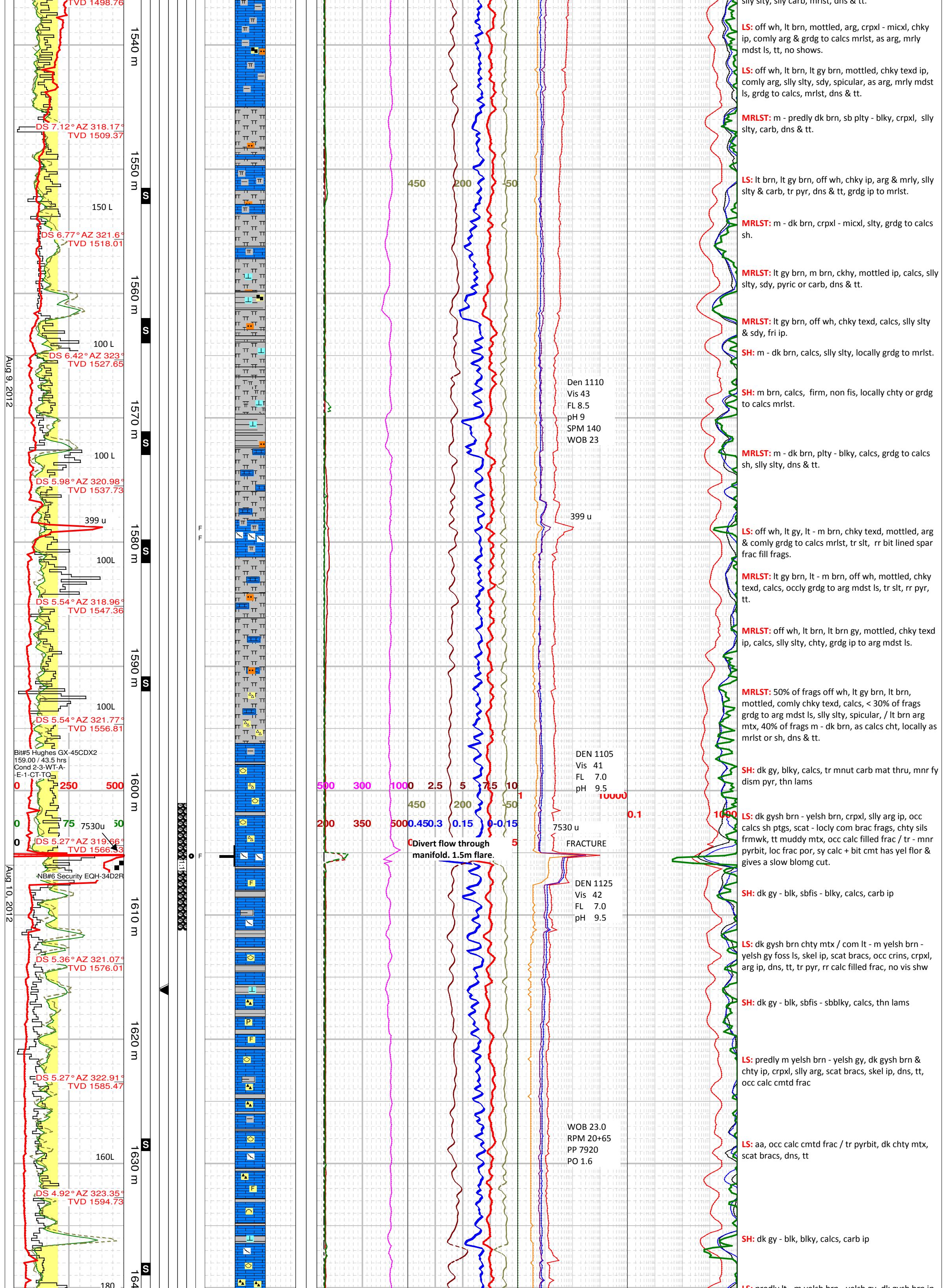


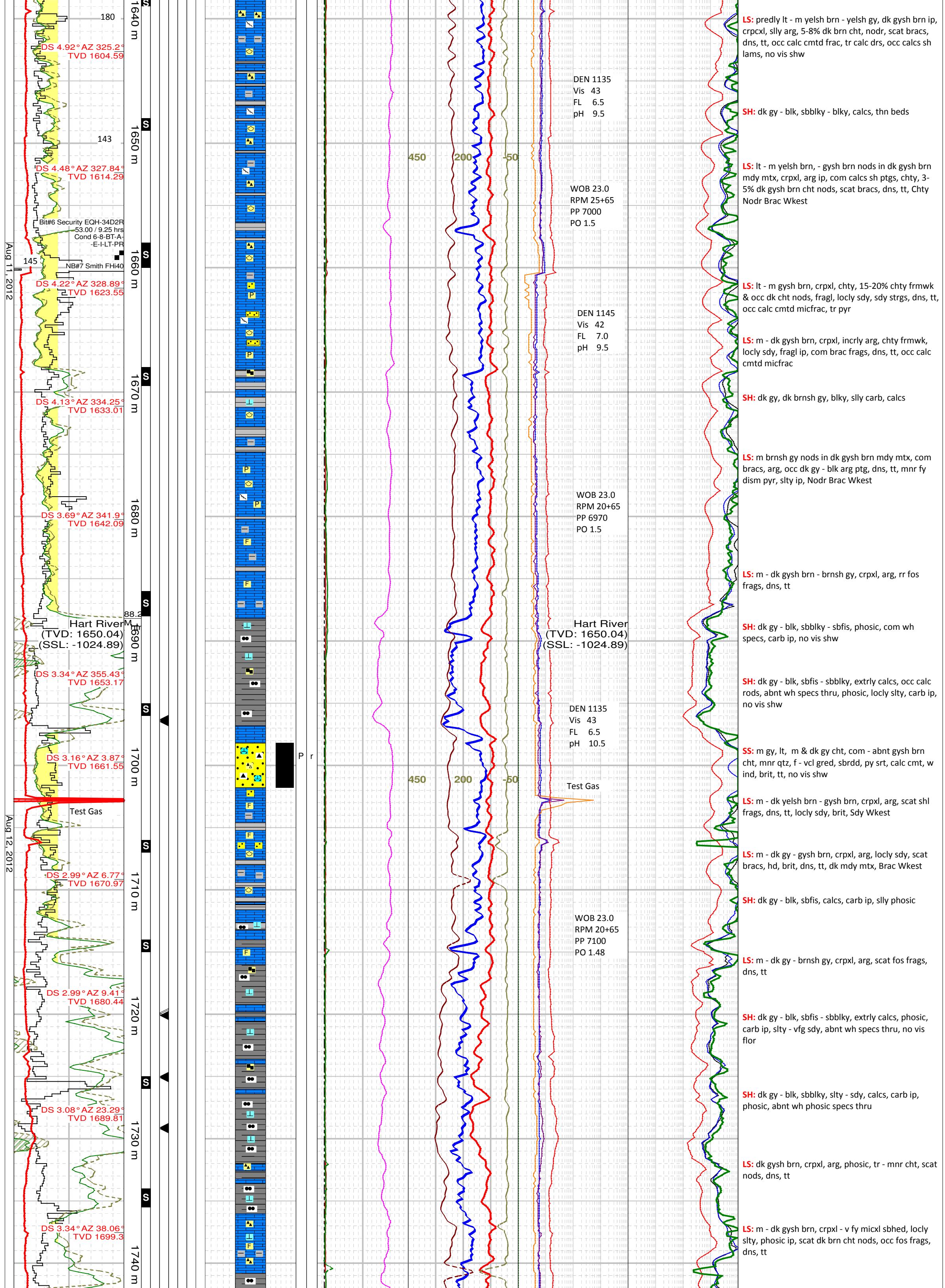


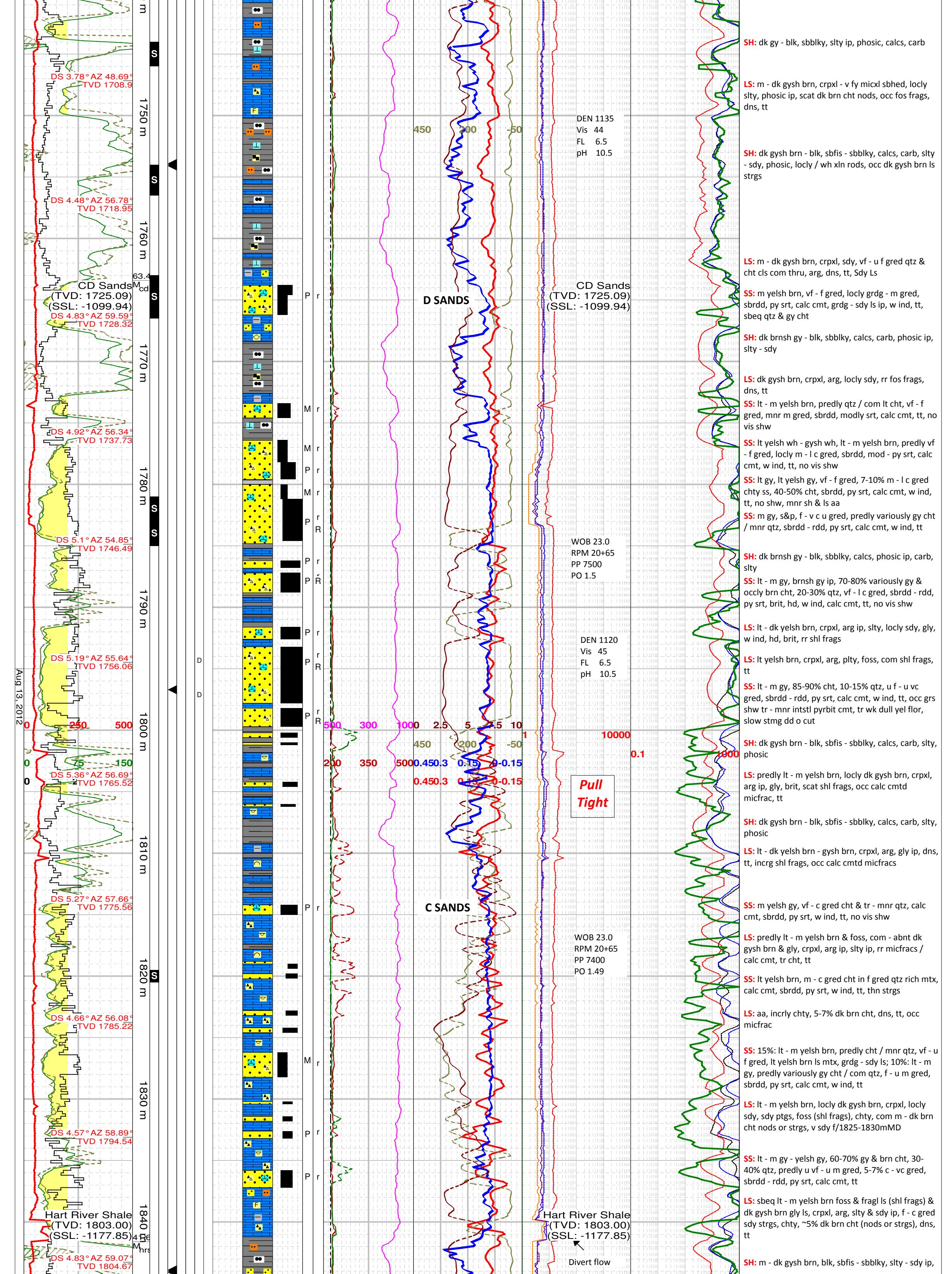


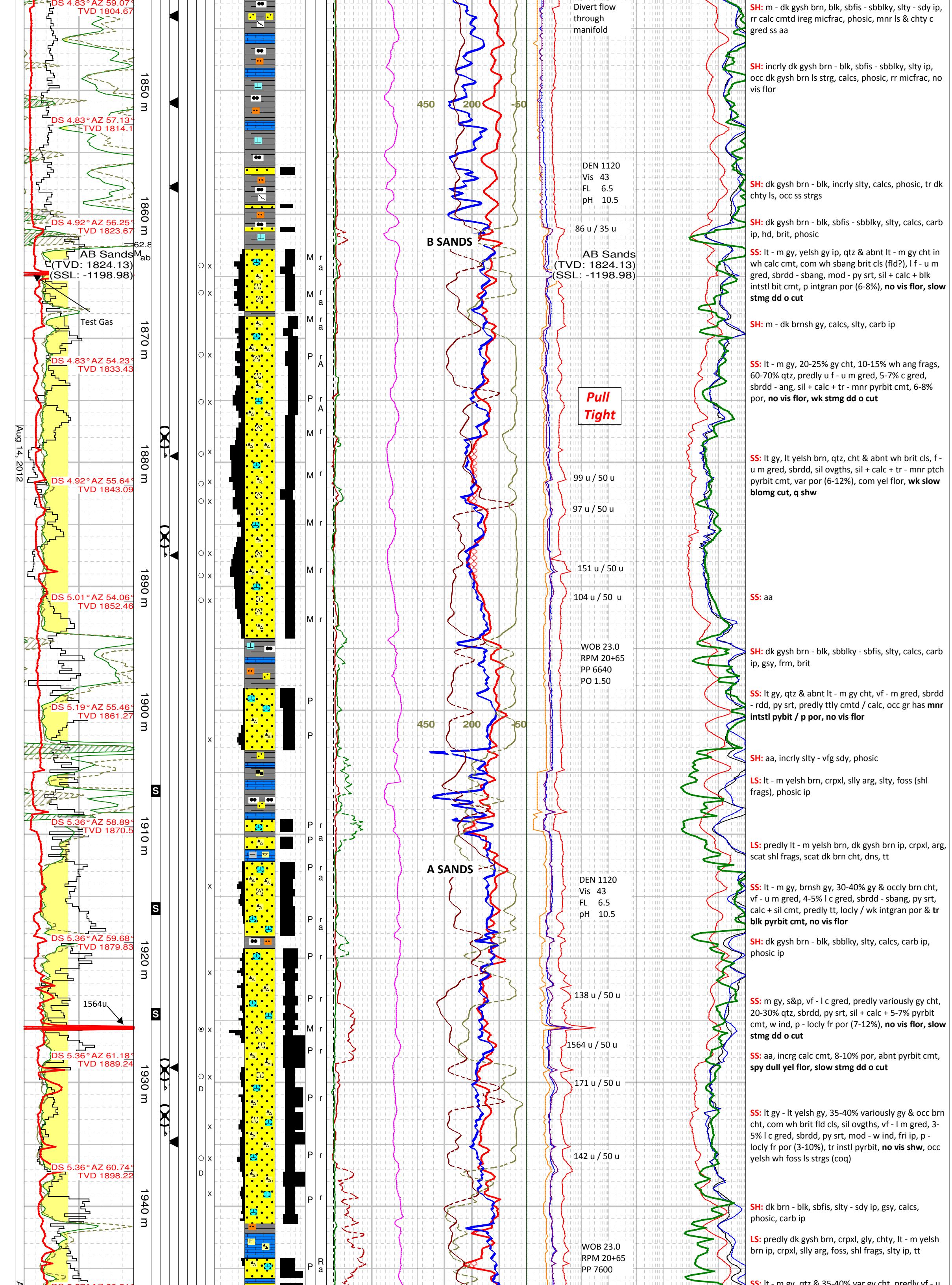


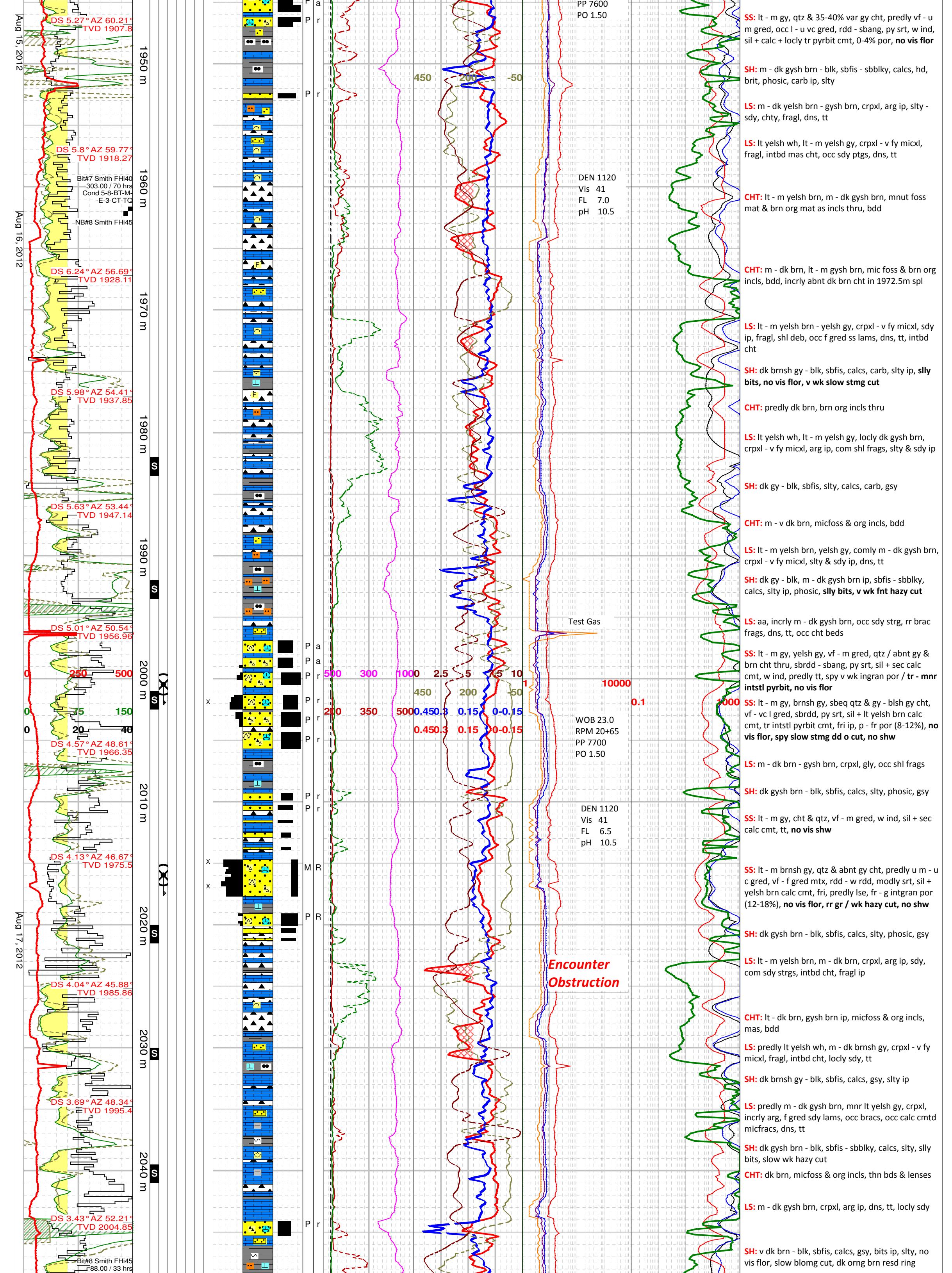


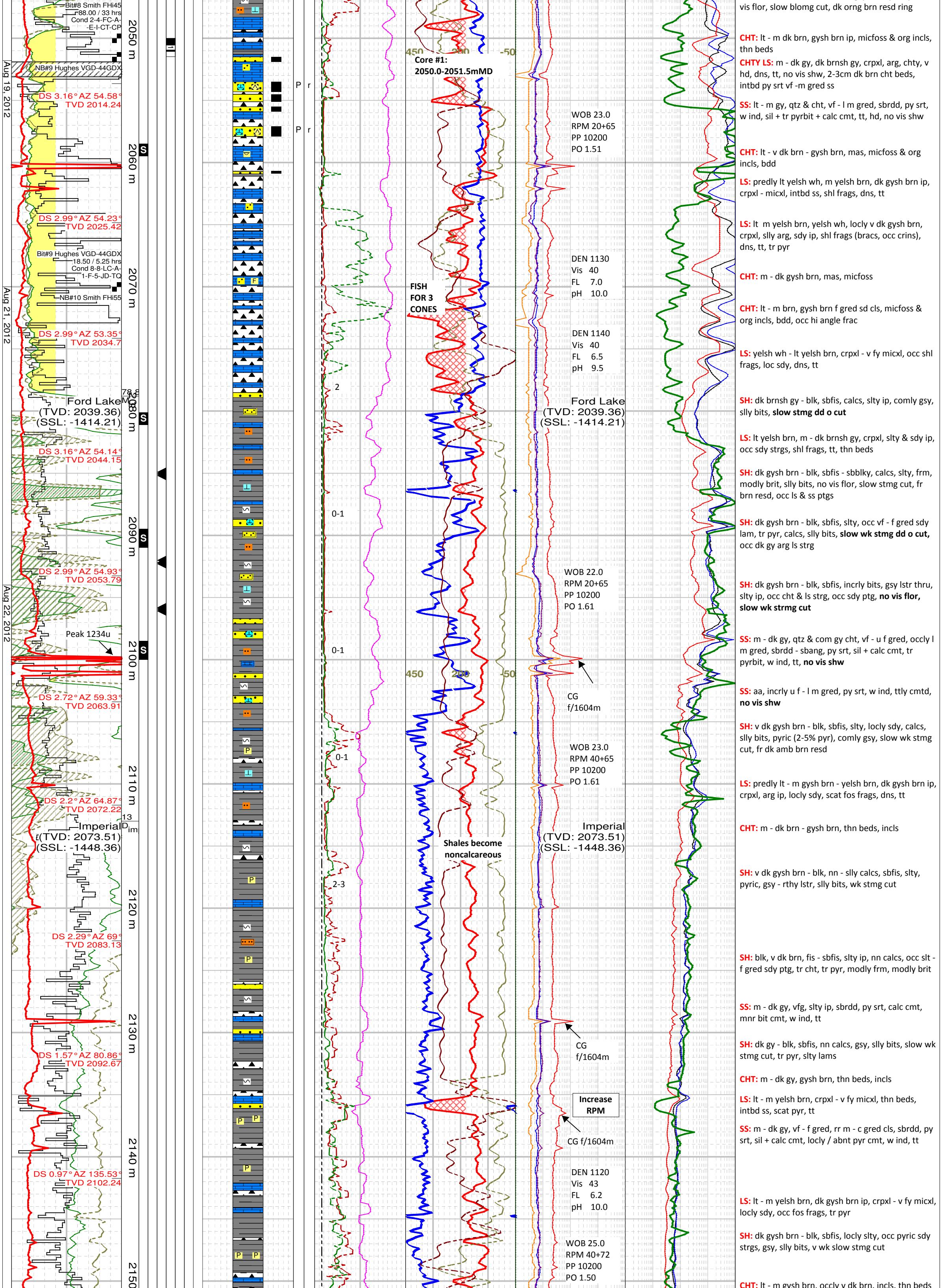


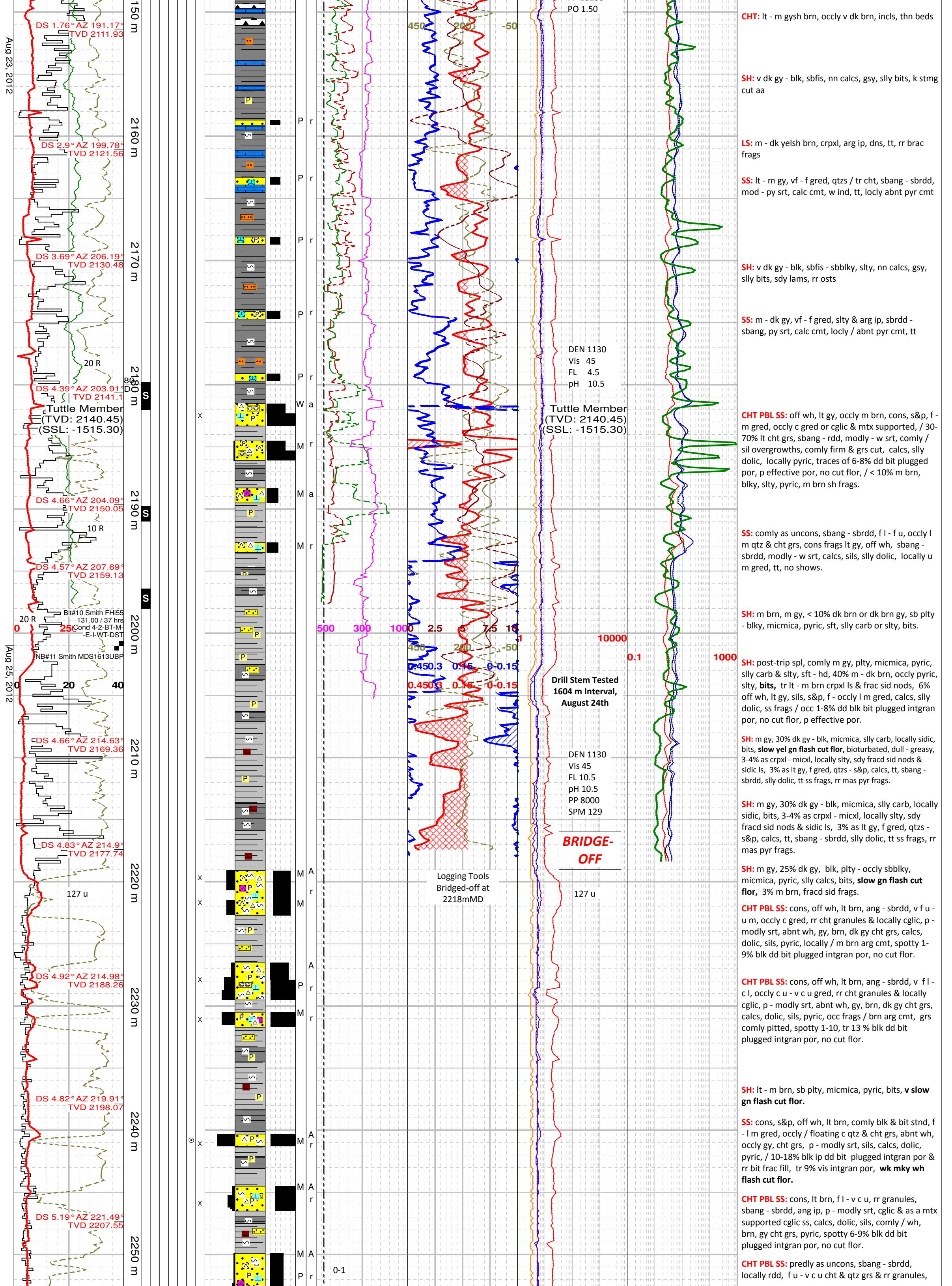


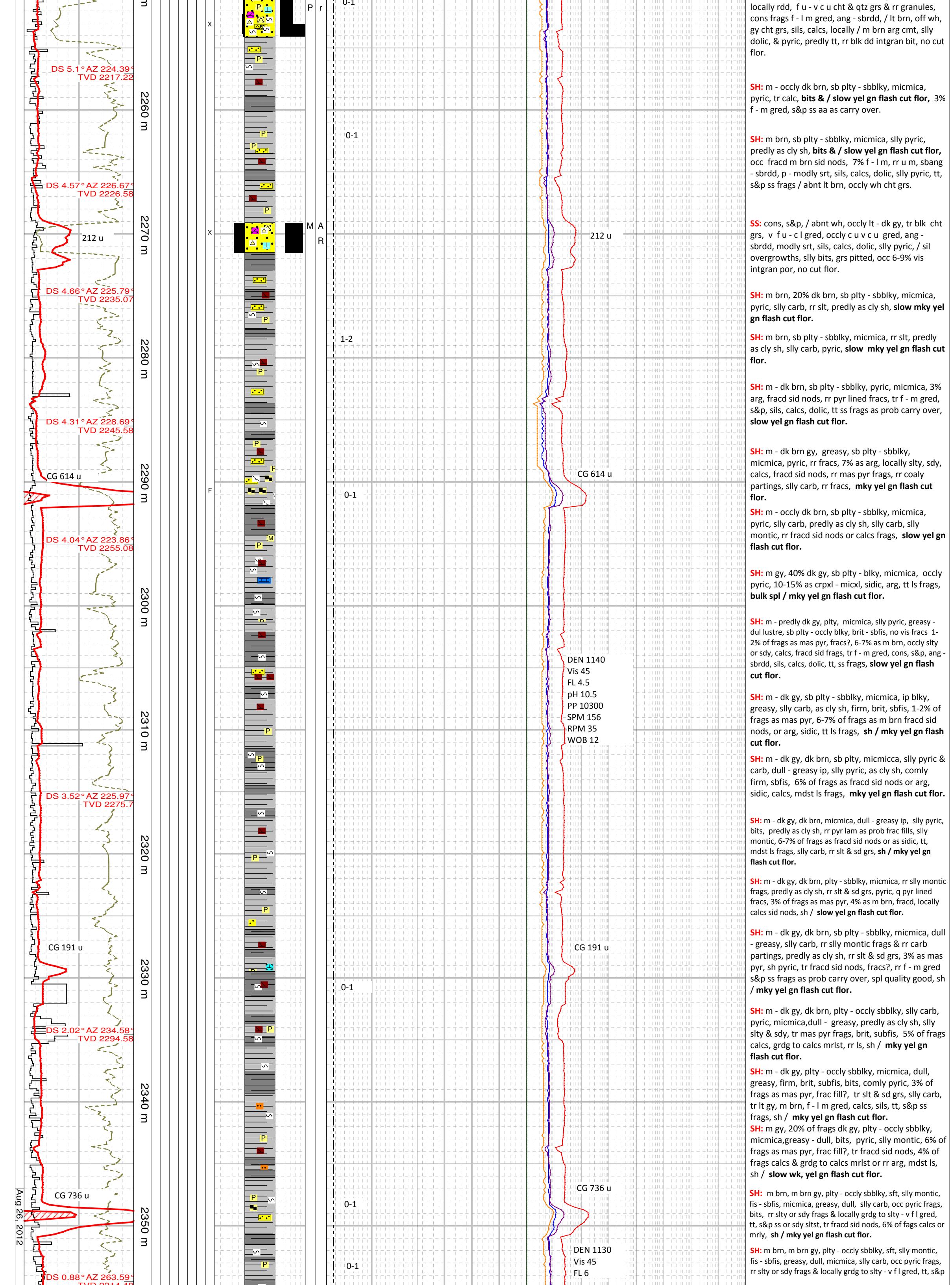


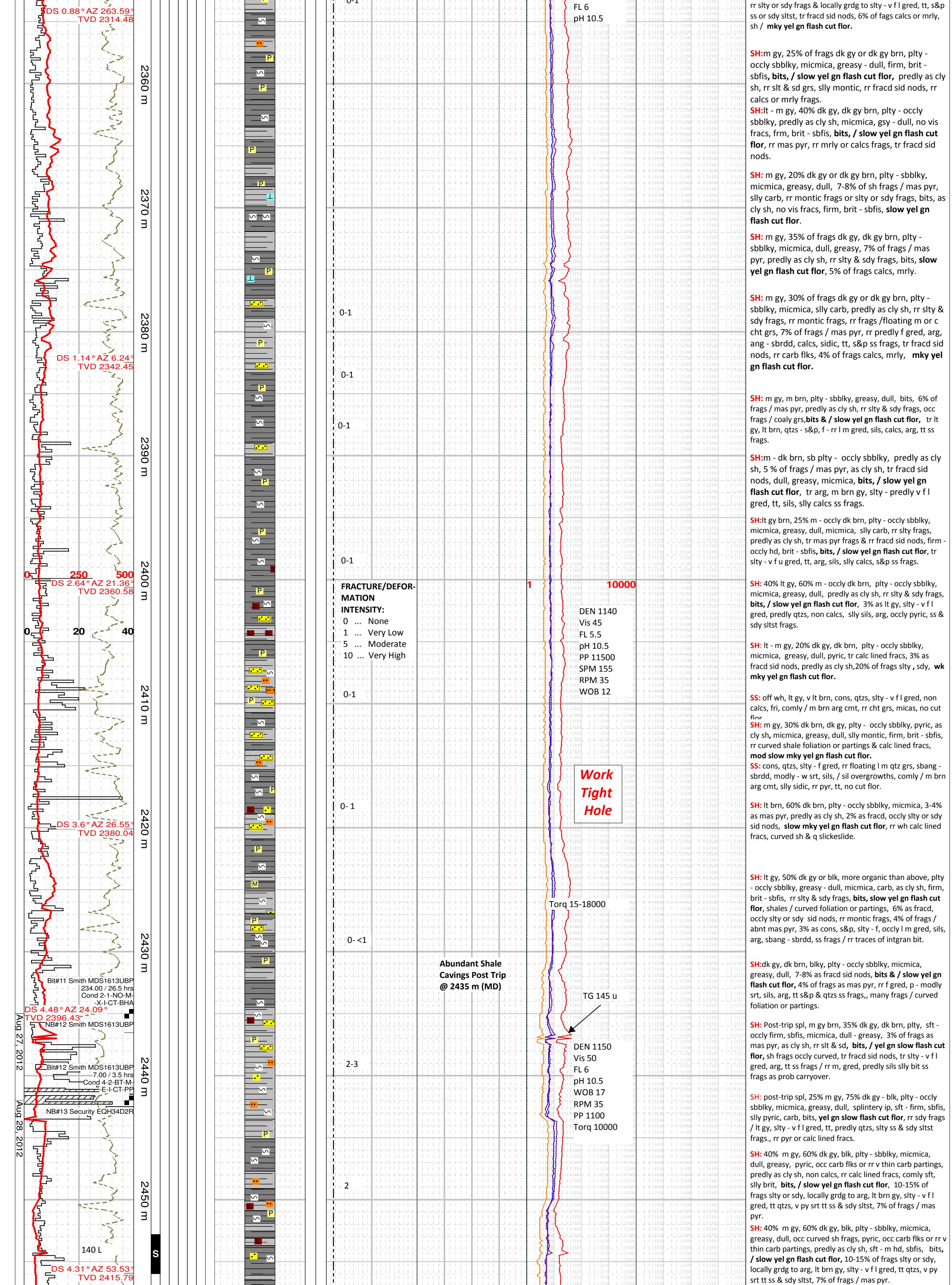


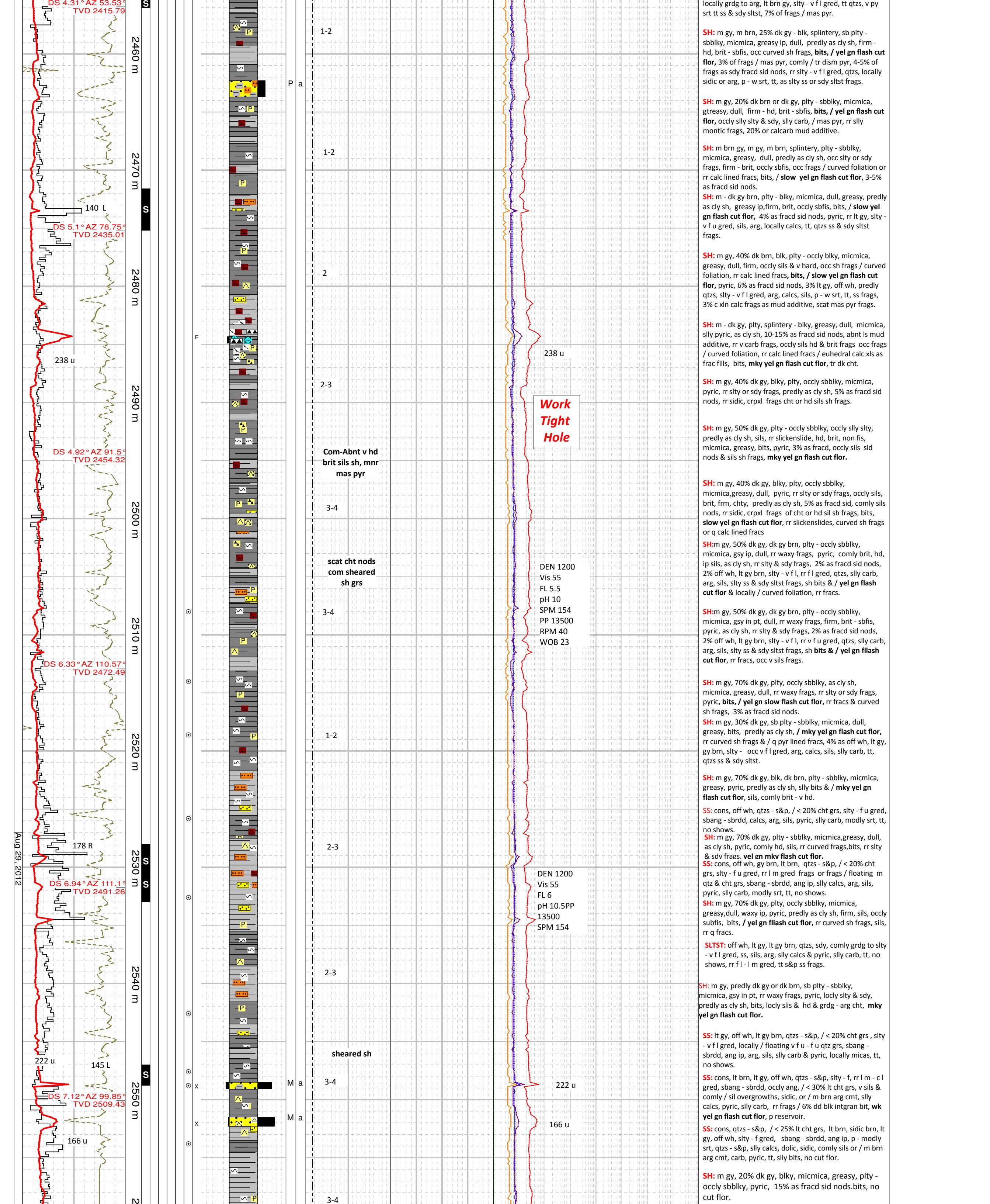


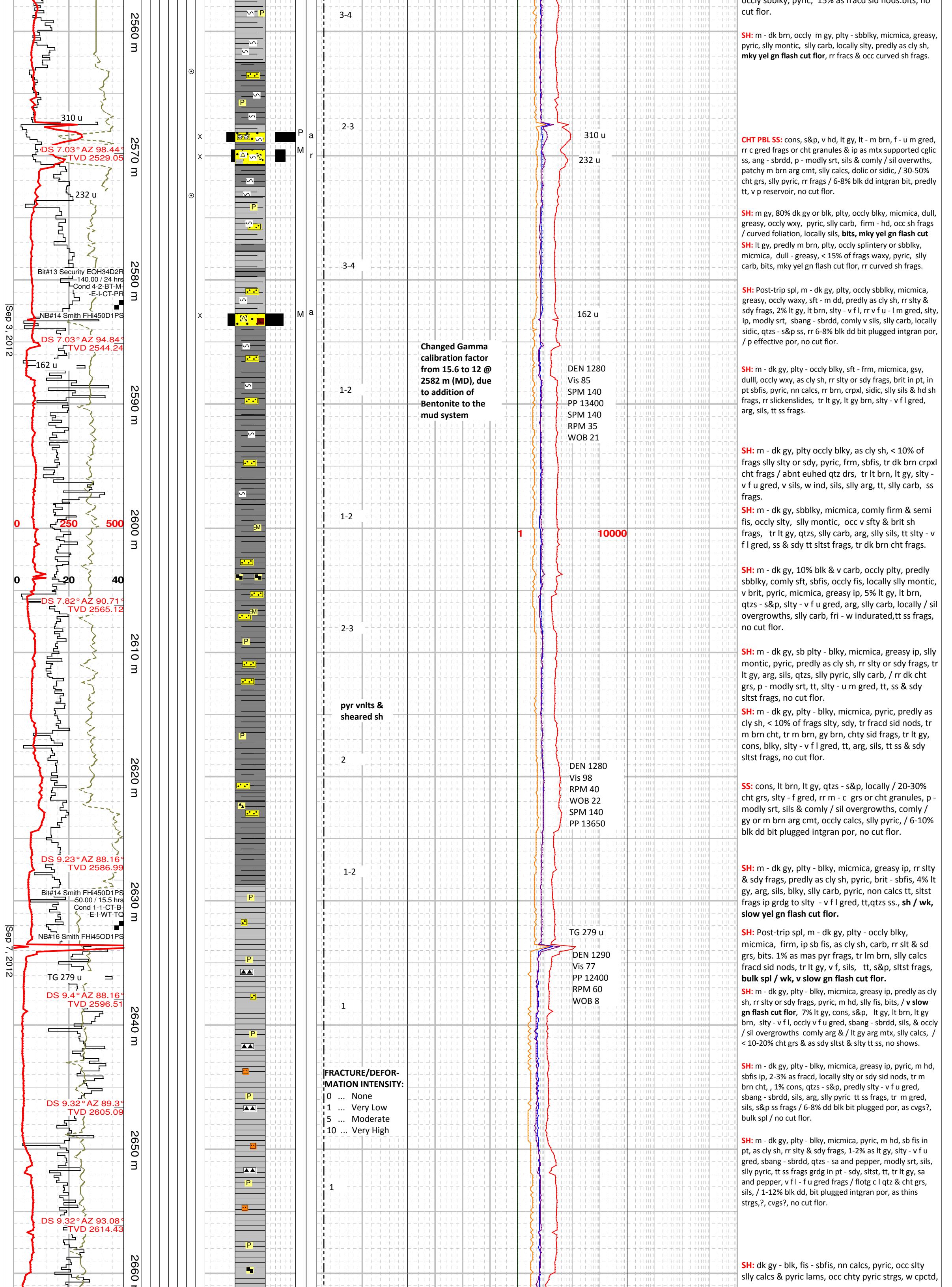


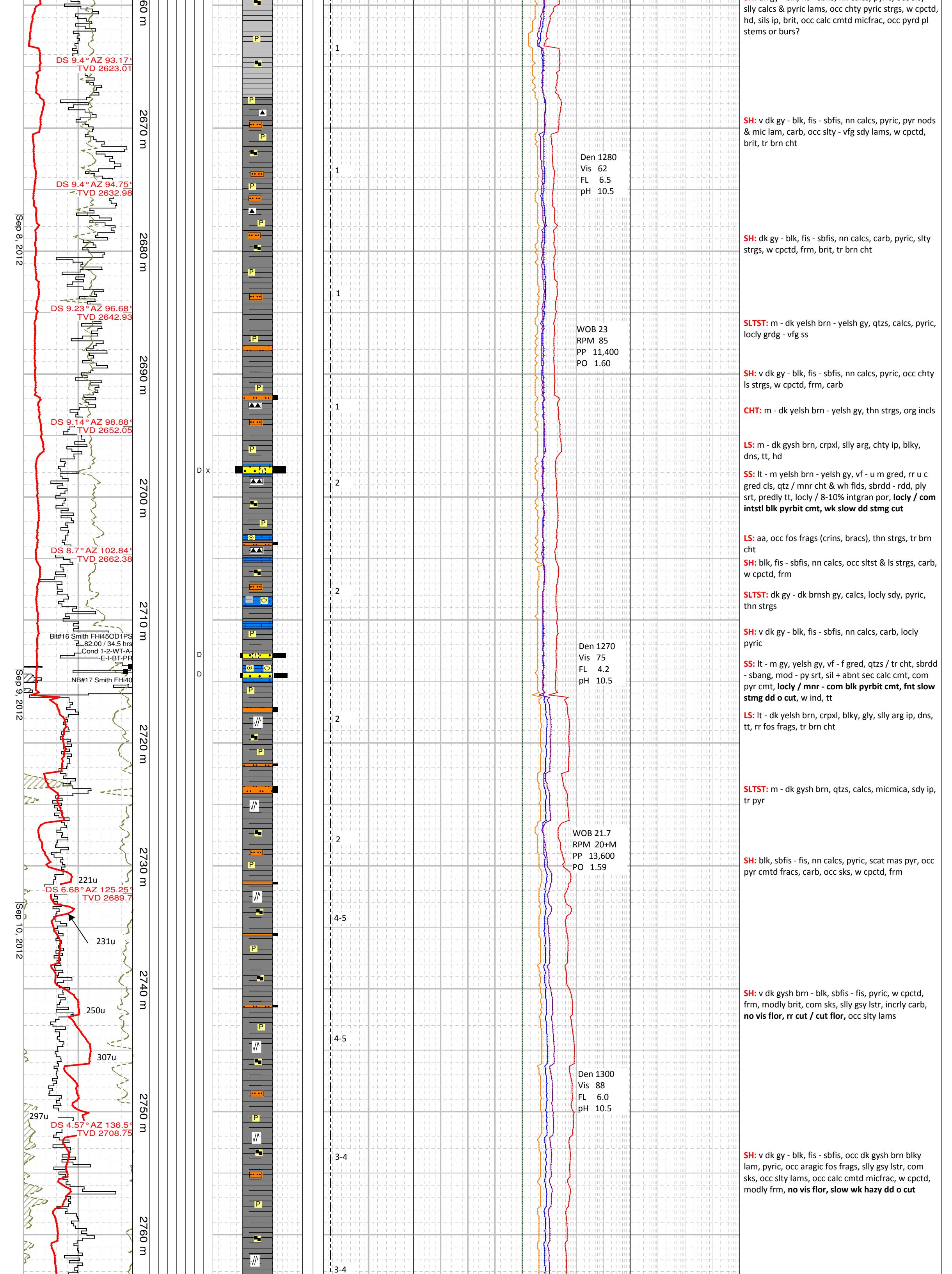


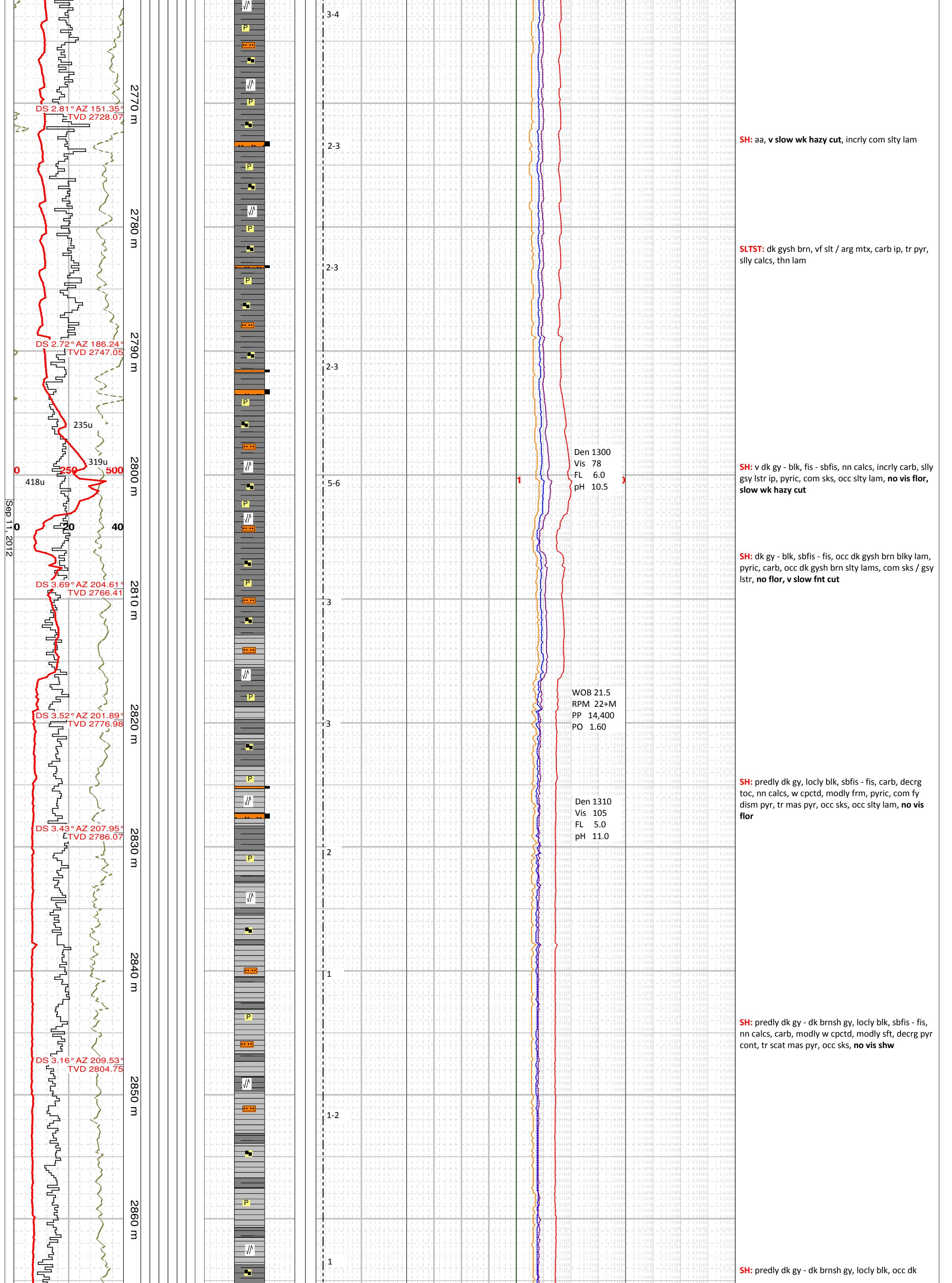




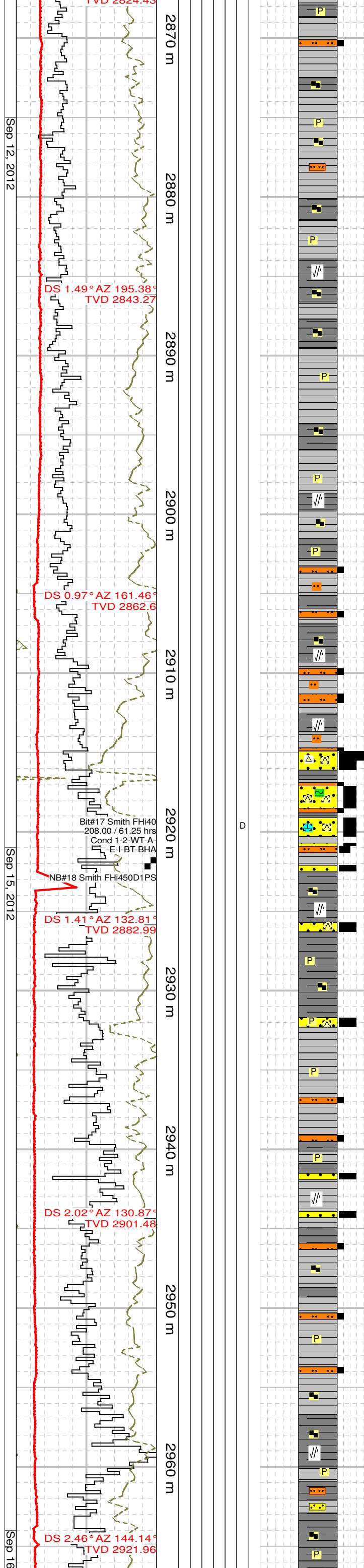








SH: predly dk gy - dk brnsh gy, locly blk, occ dk gysh brn calcs sity lams, sbfis - fis, nn calcs, carb, modly w cpcctd, modly sft, decrg pyr cont, tr scat mas pyr, rr sks, **no vis shw**



Den 1300
Vis 94
FL 6.0
pH 10.5

SH: predly dk gy - dk brnsh gy, locly blk, sbfis, nn calcs, carb, slyt ip, occ slyt lams, tr mas pyr, tr dism pyr, micmica, **no vis shw**, occ sks

SLTST: m - dk gysh brn, f - c slt, arg mtx, slyy calcs ip, slyy carb, pyric, micmica

SH: predly dk gy - dk brnsh gy, locly blk, sbfis, nn calcs, carb ip, incrly slyt, tr pyr, micmica, rr sks, **no vis flor**

SS: m gysh brn, qtz & com cht, vf - l c gred, slyy mtx, sbrdd, py srt, sil + mnrr calc cmt, w ind tt, v hd, **no vis shw**

SS: It - m gysh brn, predly qtz / tr cht, vf - u f gred, locly / slyt mtx, sbrdd, modly srt, sil + tr calc cmt, tr bri gn glau gr, w ind, tt, **tr brn hydc resd, no vis flor**, v slow & v fnt wk hazy cut, no shw

SLTST: It - m gysh brn, qtzs, sdy ip, slyy calcs, w ind, hd

WOB 22.0
RPM 22+M
PP 13,400
PO 1.50

SH: predly dk gy - blk, sbfis - fis, nn calcs, carb, w cpcctd, modly frm, brit ip, occ dk brn sils lam, locly pyric, mnrr mas pyr, occ sks, cvgs ip

SS: m gy, qtz, cht & com dk lits, vf - u f gred, rr m gred cl, slyy arg mtx, sil + tr dolic cmt, w ind, hd, mnrr dism pyr cmt, tt

SLTST: m gy, sdy ip, slyy calcs - dolic, pyric, w ind

Den 1350
Vis 65
FL 5.8
pH 10.5

SH: dk gy - brnsh gy, locly blk, sbfis, nn calcs, decrg carb cont, pyric, frm, brit, com - abnt mas, dis & pthc pyr thru, occ slyt strg, occ py srt ss lams, rr - occ sks

SLTST: m - dk gy, dk brnsh gy, slyy dolic ip, rr brac frag, sdy ip, w ind, hd, tr pyr

WOB 24
RPM 24+M
PP 14,500
PO 1.50

SH: dk gy, dk gysh brn, mnrr bk, sbfis - sbbky, nn calcs, carb ip, w cpcctd, frm, brit, pyric, slyt lams

SH: dk gy - blk, sbfis, incrly carb, nn calcs, pyric, occ slyt lams, occ sks

SH: predly blk, dk gy - dk gysh brn ip, sbfis, nn

