



INTEQ

Company : Apache

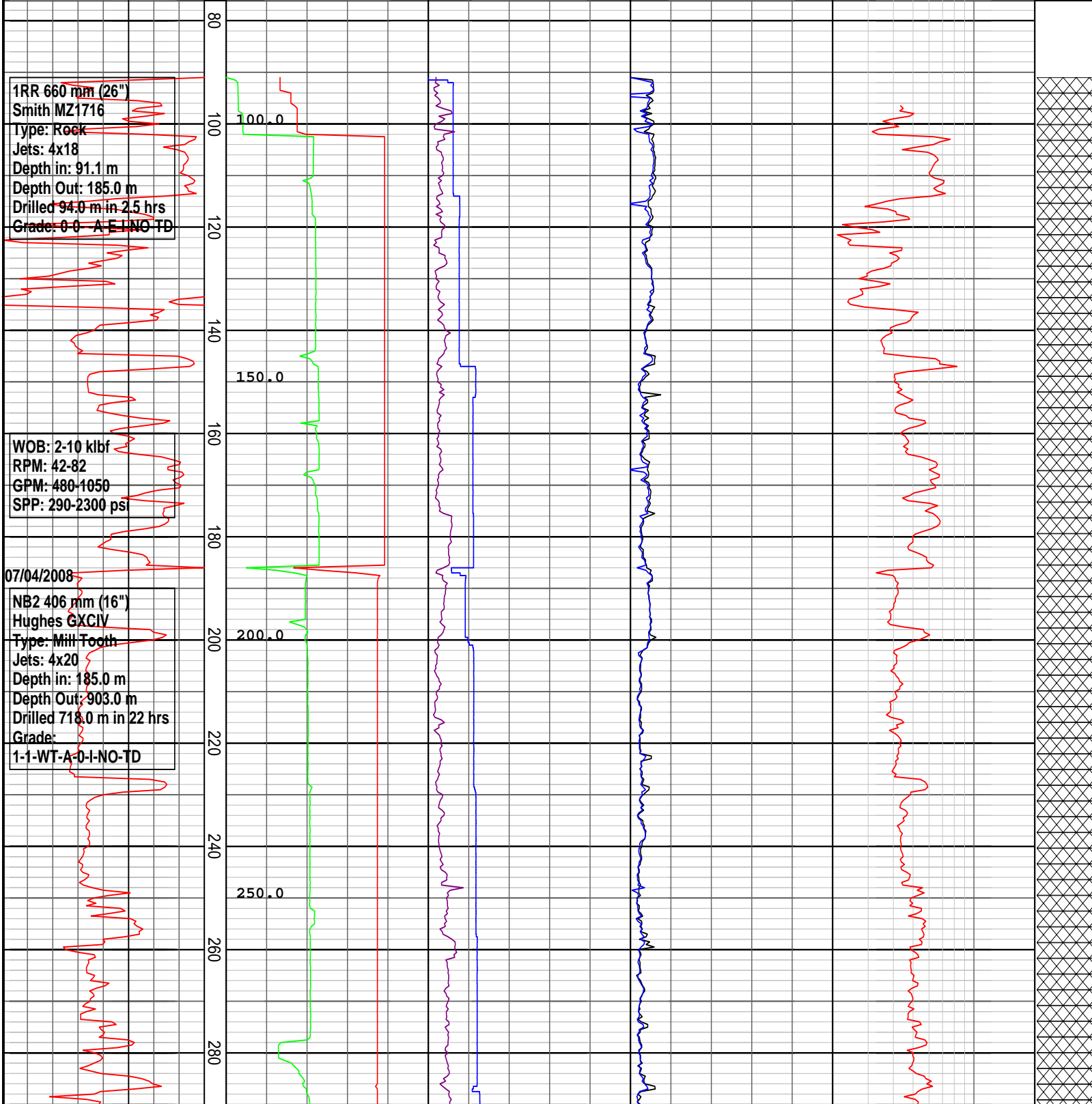
Well : Speke South-1

Interval : 76.00 - 2945.17 meters

Created : 16/Apr/2008 8:17:21 PM

DRILLING DATA PLOT

ROP (m/hr) 200 175 150 125 100 75 50 25	FLOW IN (gpm) 300 600 900 1200 1500	RPM Avg 70 140 210 280 350	TORQUE Max (kft-lb) 5 10 15 20 25	DXC 0.2 2	INTERPRETED LITHOLOGY
MD meters : 1000	STANDPIPE (psi) 1000 2000 3000 4000 5000	WOB Avg (klbs) 16 32 48 64 80	TORQUE Avg (kft-lb) 5 10 15 20 25		
	VDEPTH				

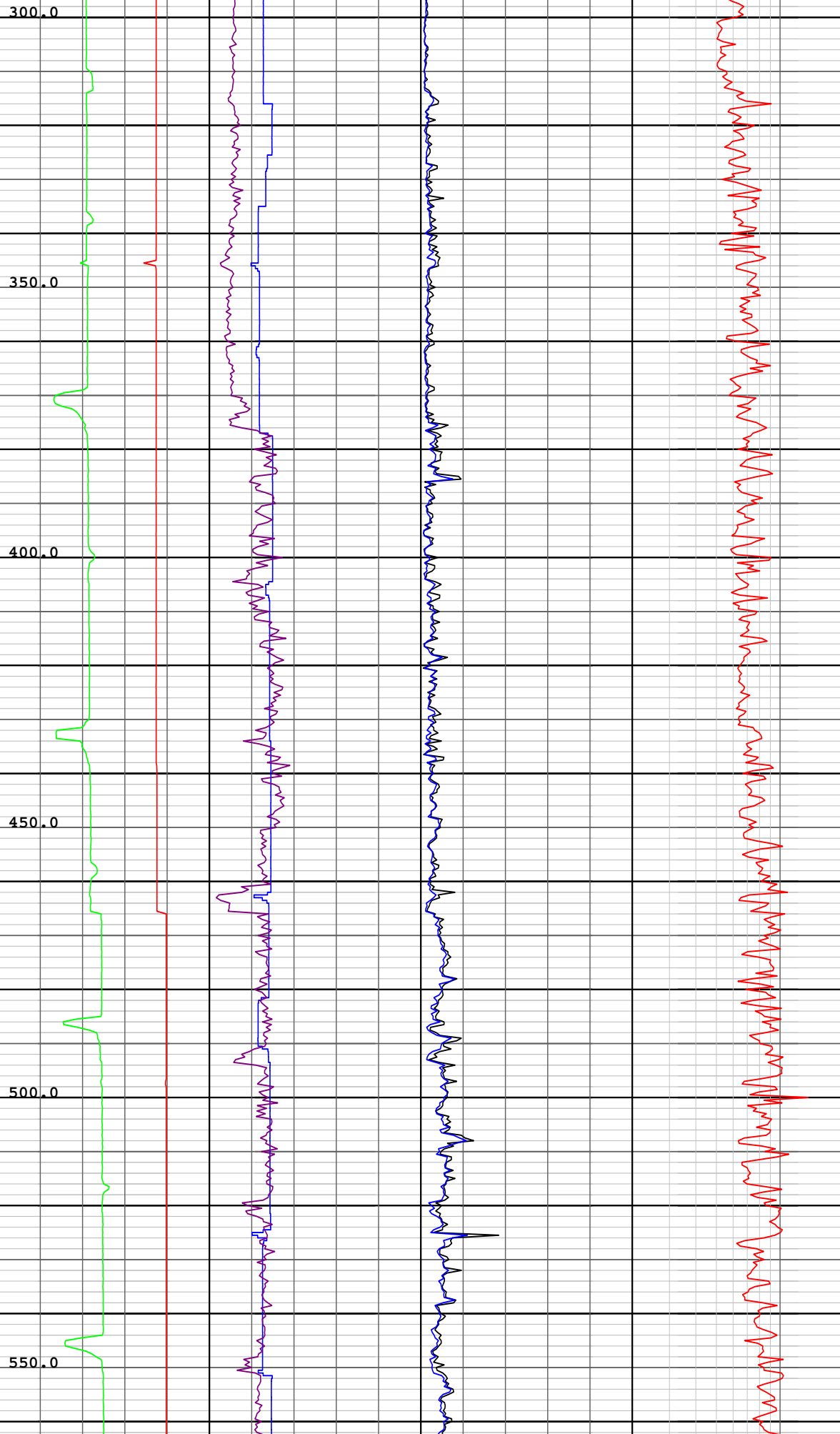


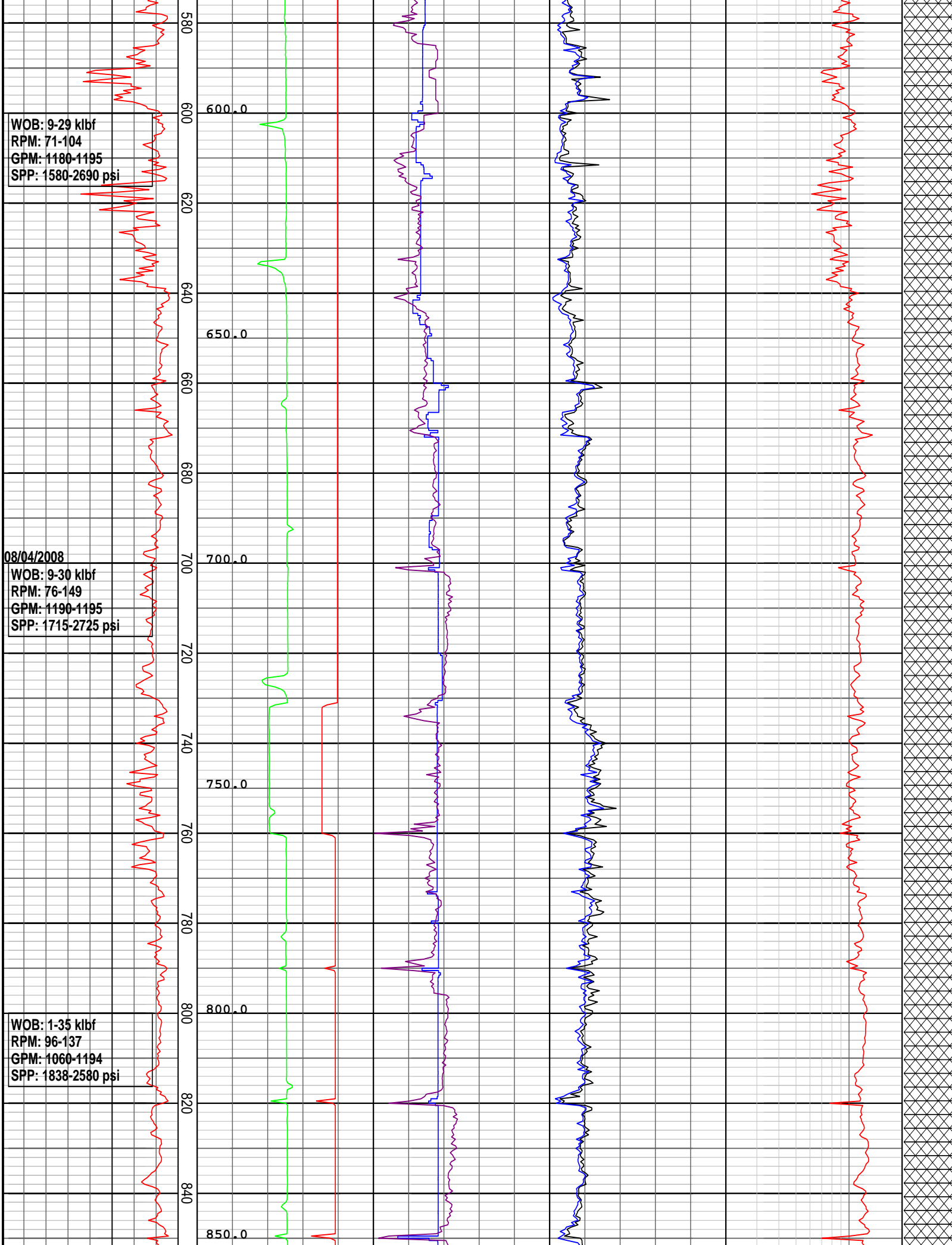
WOB: 2-13 klbf
RPM: 71-89
GPM: 1110-1120
SPP: 1285-2190 psi

WOB: 4-26 klbf
RPM: 72-105
GPM: 1035-1120
SPP: 1325-2270 psi

WOB: 3-30 klbf
RPM: 74-105
GPM: 1120-1195
SPP: 1370-2465 psi

300
320
340
360
380
400
420
440
460
480
500
520
540
560





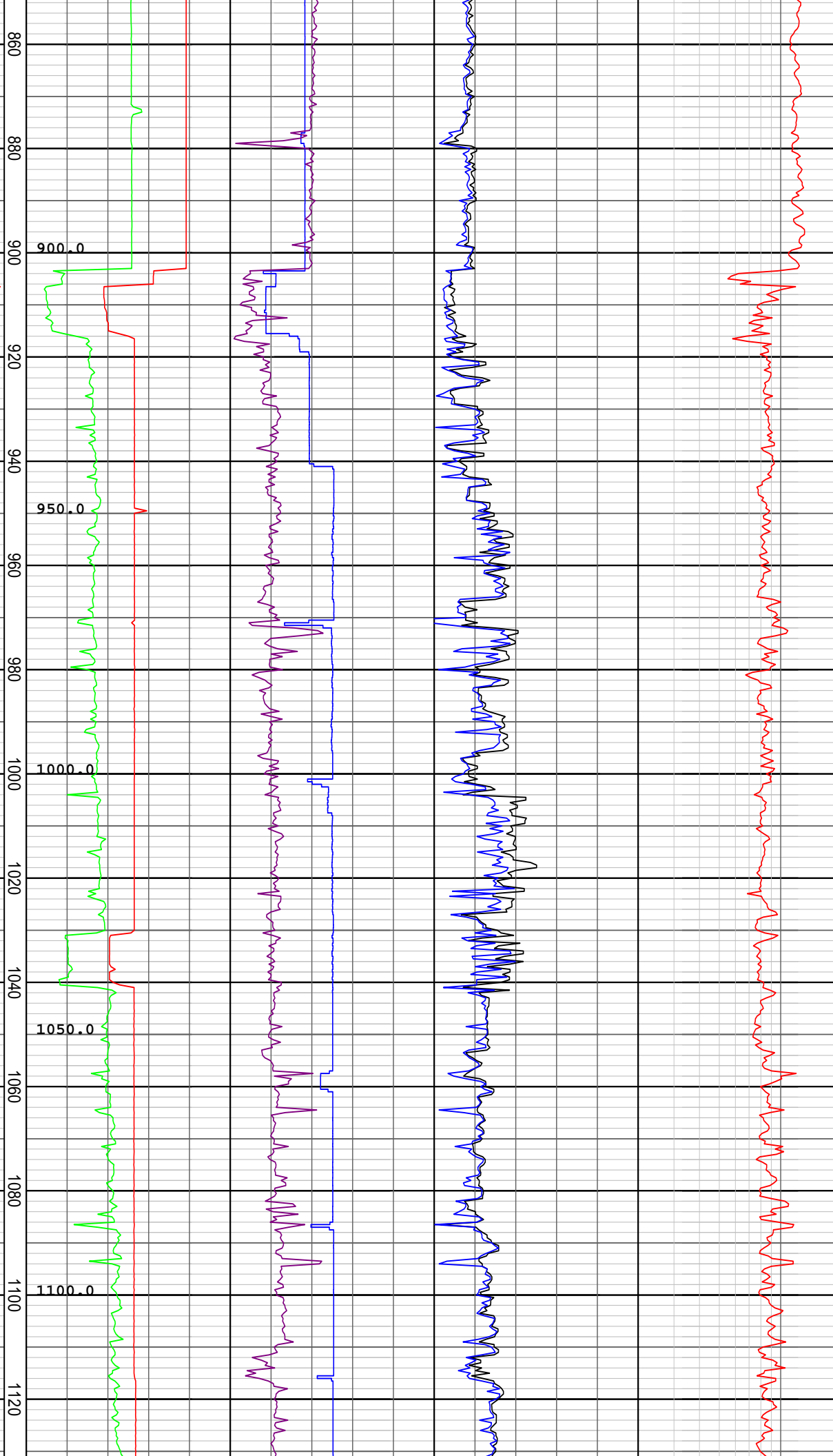
Set 20" x 13-3/8" Csg @
896.3 mMDRT

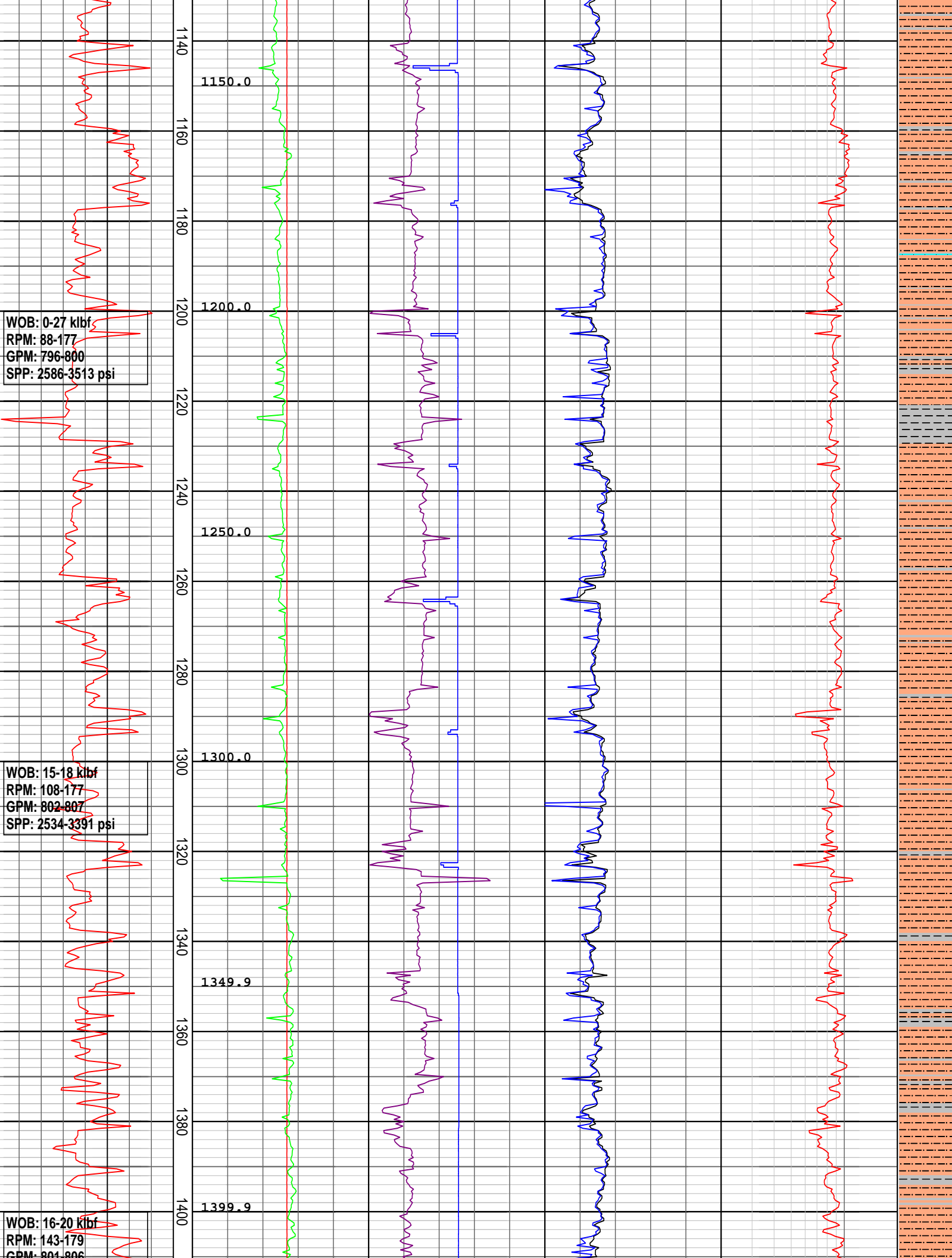
NB3 311 mm (12 1/4")
Smith
Type: XP-CPS
Jets: No Jets
Depth in: 903.0 m
Depth Out: 906.0 m
Drilled 3.0 m in 0.6 hrs
Grade: XXXXX

NB4 216 mm (8 1/2")
Hughes
Type: HG6052
Jets: 2x16 3x15
Depth in: 906.0 m
Depth Out: XXXX m
Drilled XXX m in XXX
hrs
Grade: XXXXX

WOB: 8-20 klbf
RPM: 58-177
GPM: 570-885
SPP: 1170-2525 psi

WOB: 11-22 klbf
RPM: 132-177
GPM: 611-796
SPP: 1500-3037 psi

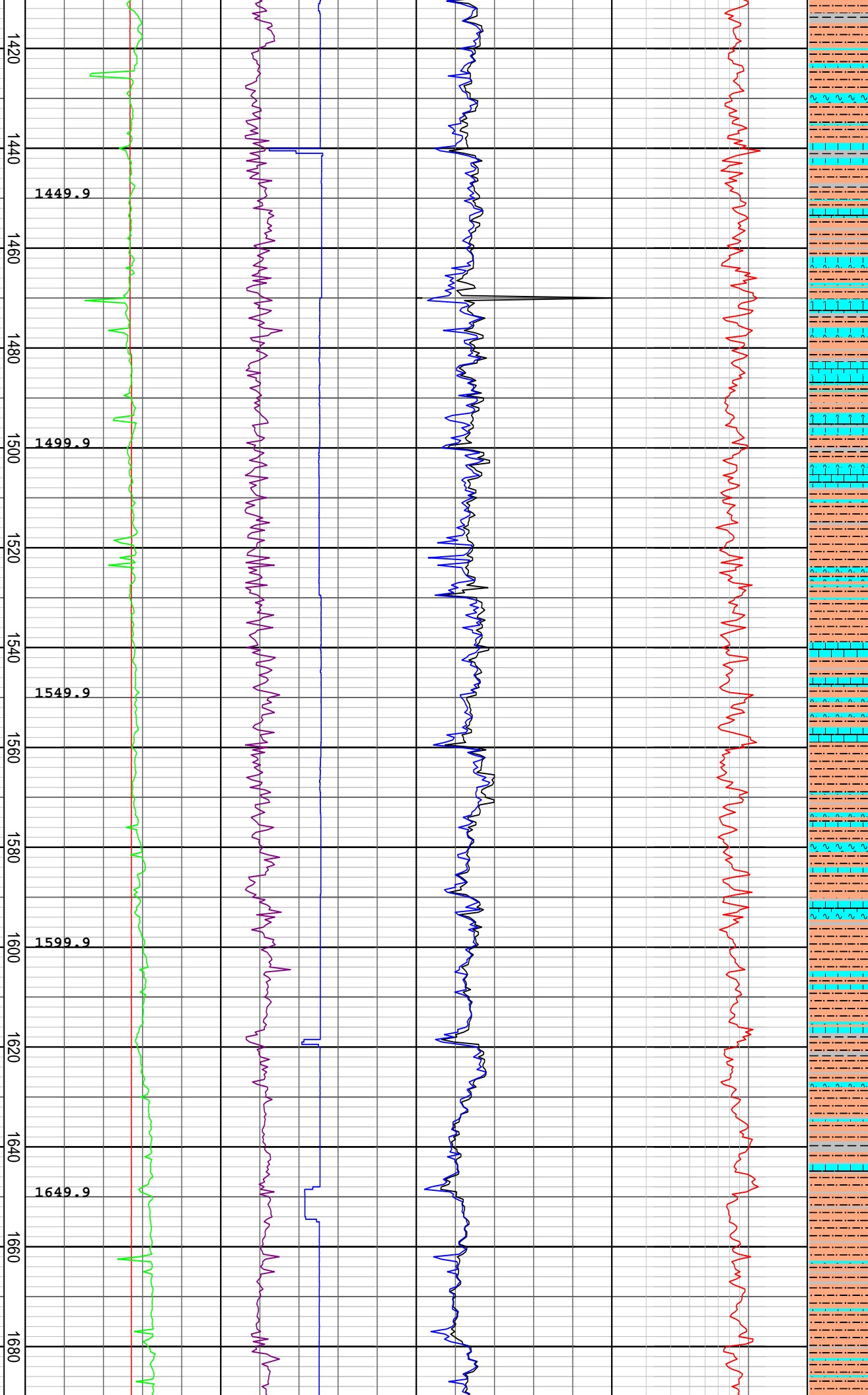




GPM: 801-818
SPP: 1494-3645 psi

WOB: 15-20 klbf
RPM: 88-183
GPM: 802-818
SPP: 2225-3695 psi

WOB: 17-20 klbf
RPM: 175-180
GPM: 812-818
SPP: 2833-3768 psi



1449.9

1499.9

1549.9

1599.9

1649.9

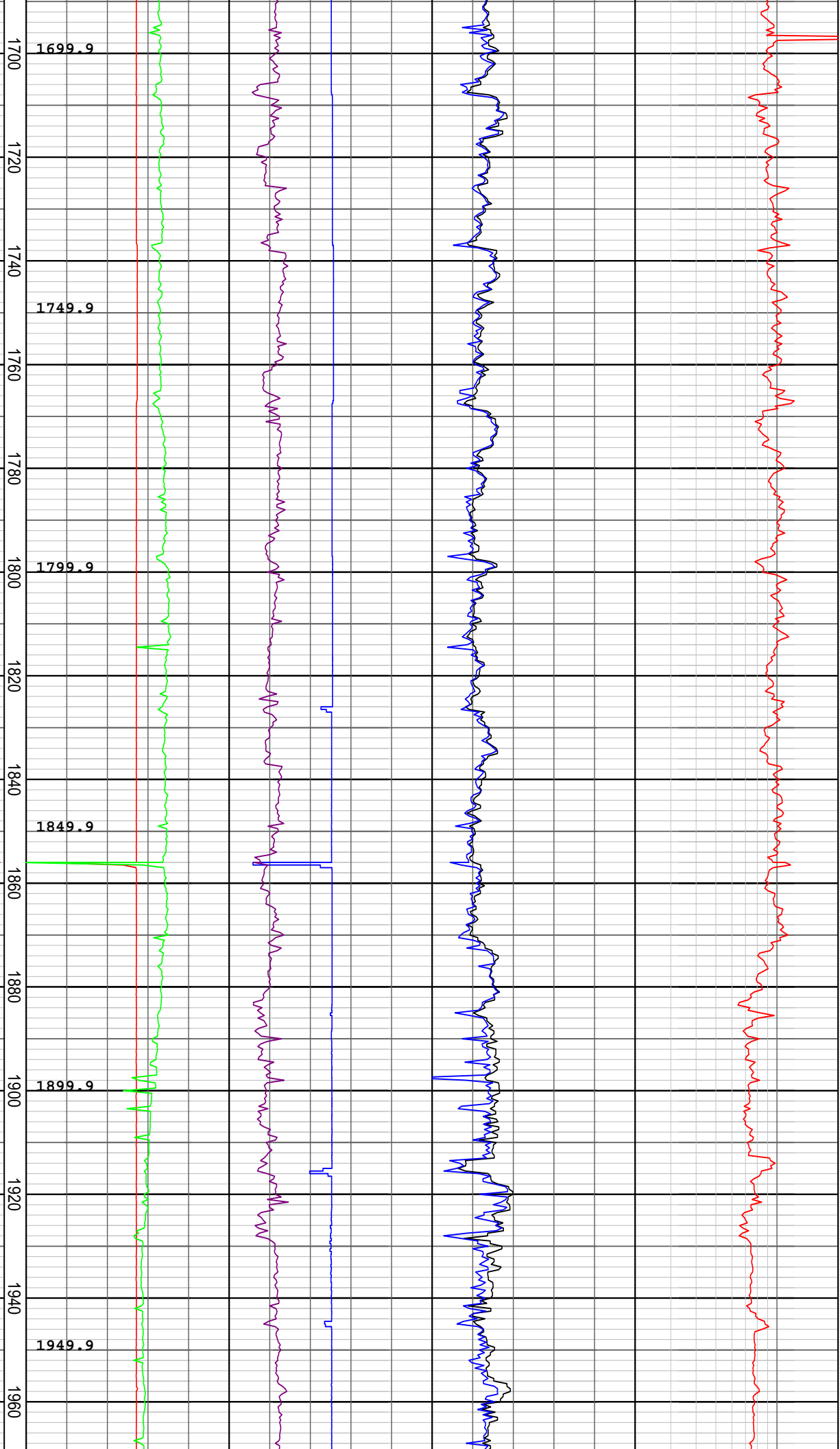
1420
1440
1460
1480
1500
1520
1540
1560
1580
1600
1620
1640
1660
1680

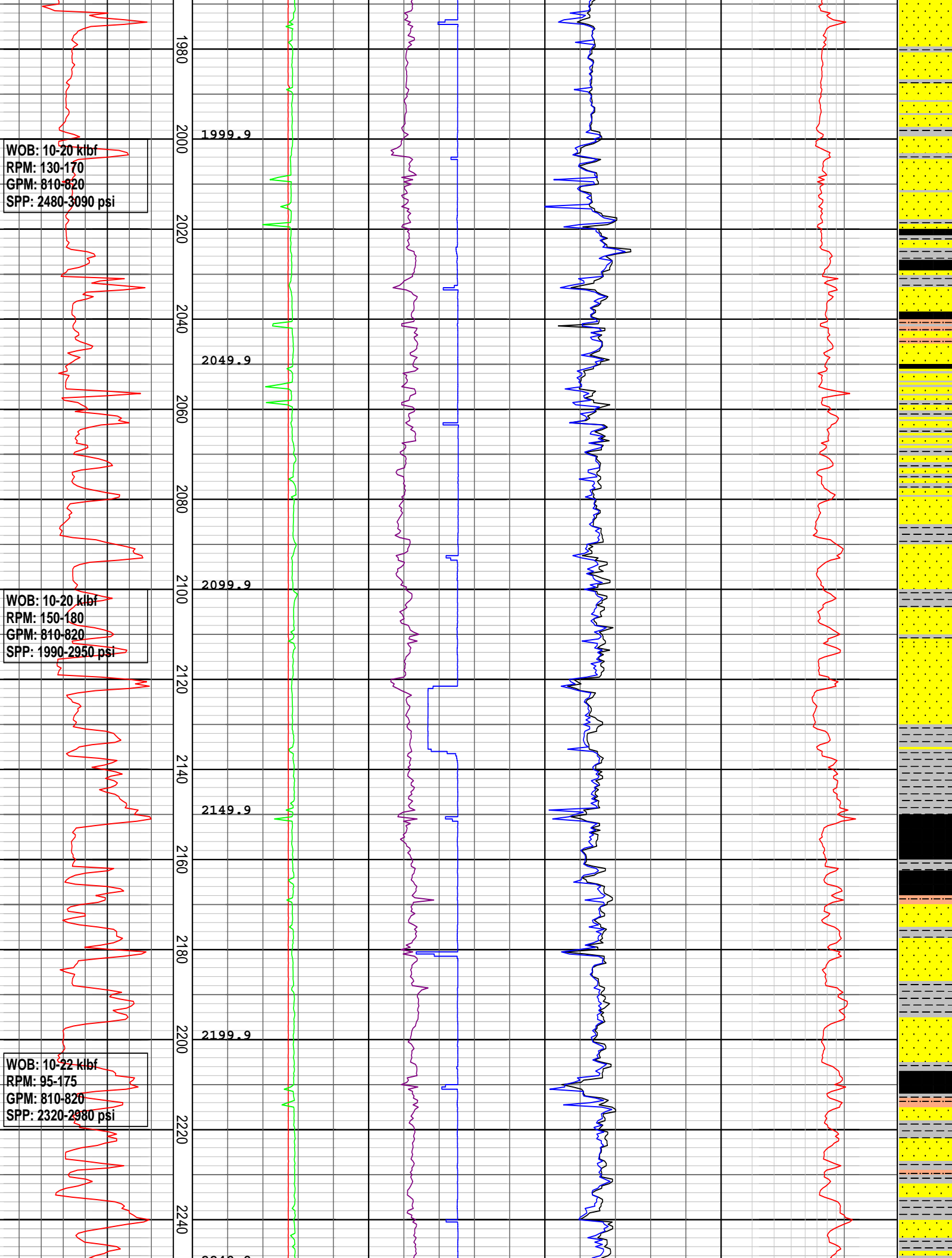
WOB: 16-20 klb
RPM: 145-178
GPM: 812-817
SPP: 3060-4030 psi

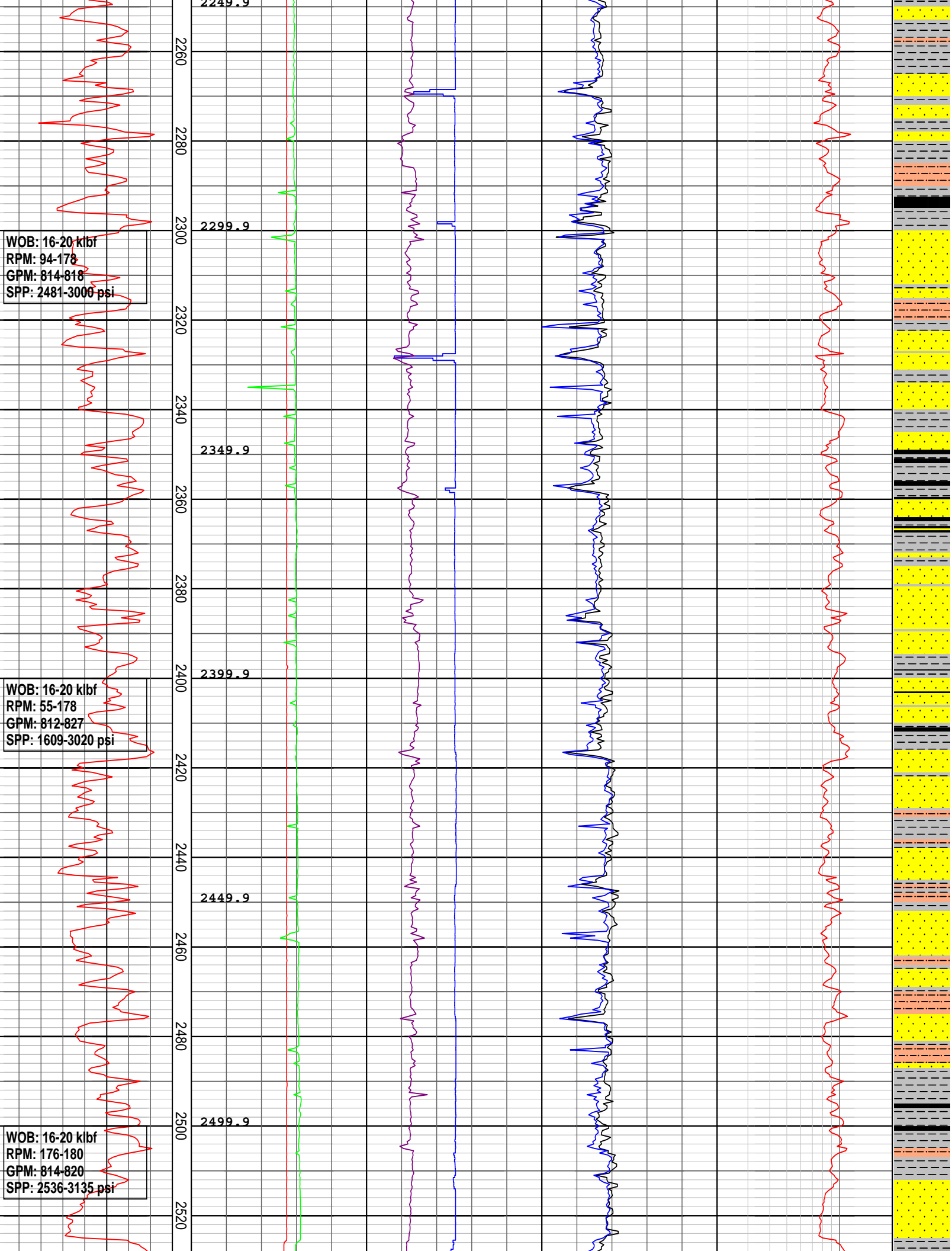
WOB: 10-20 klb
RPM: 170-180
GPM: 810-820
SPP: 3000-3500 psi

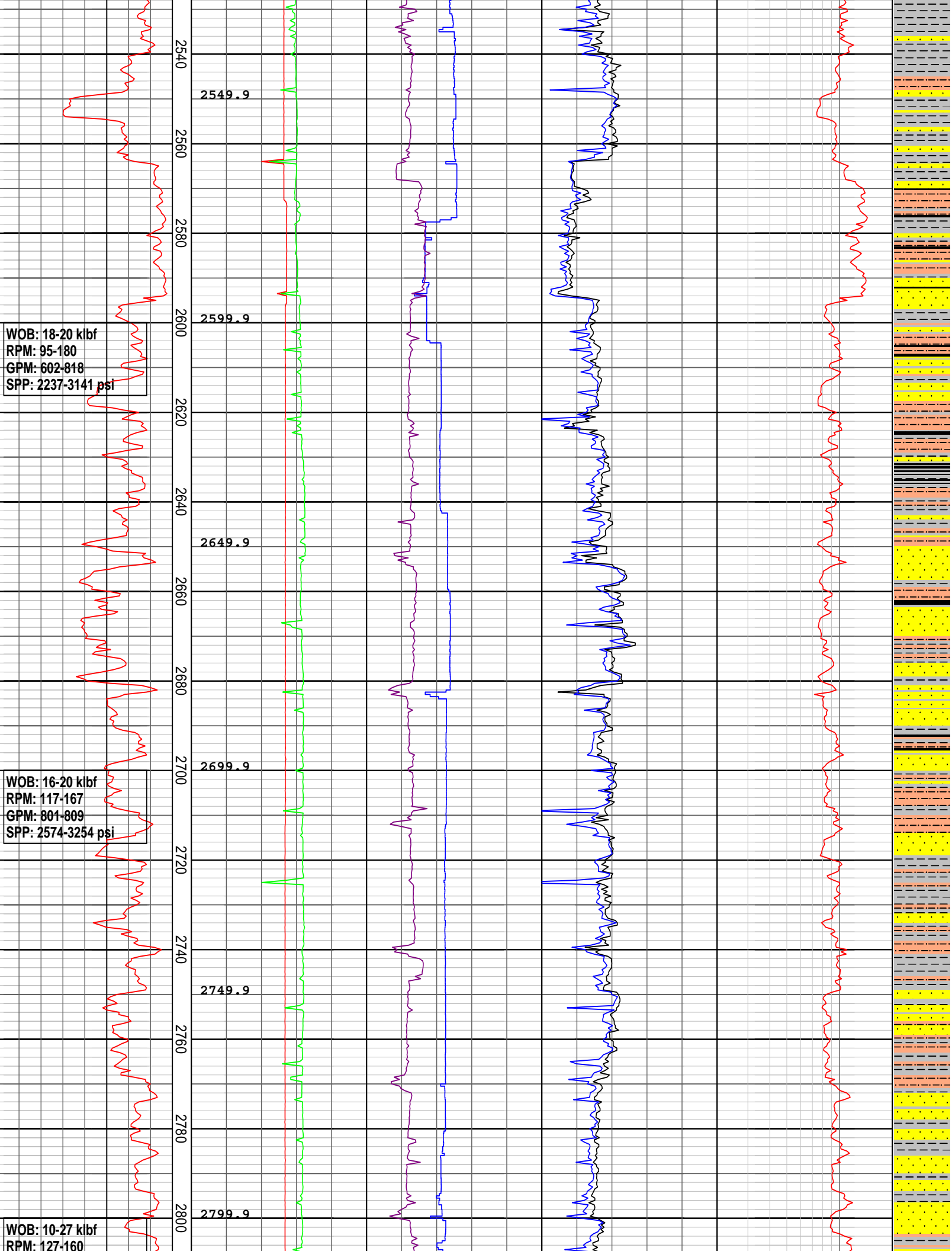
Stand Pipe Pressure
sensor recalibrated

WOB: 10-20 klb
RPM: 175-180
GPM: 810-820
SPP: 3000-3500 psi

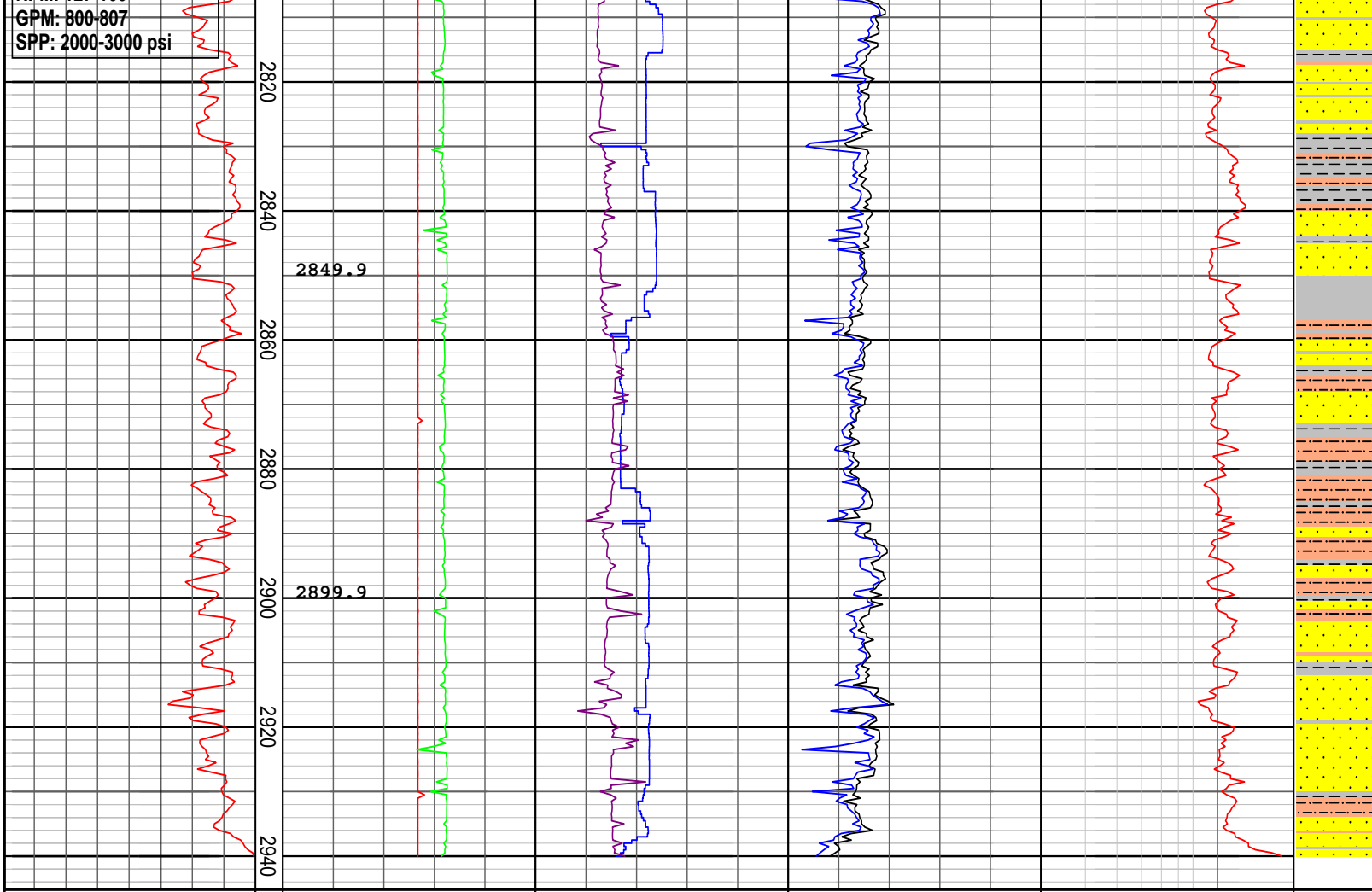








GPM: 800-807
 SPP: 2000-3000 psi



DRILLING DATA PLOT

ROP (m/hr)	MD meters 1:1000	FLOW IN (gpm)	RPM Avg	TORQUE Max (kft-lb)	DXC	INTERPRETED LITHOLOGY
200 175 150 125 100 75 50 25		STANDPIPE (psi)	WOB Avg (klbs)	TORQUE Avg (kft-lb)	0.2 2	
1000 2000 3000 4000 5000		VDEPTH	70 140 210 280 350	5 10 15 20 25	5 10 15 20 25	