



Company : Stuart Petroleum Ltd

Well : Bazzard-1

Interval : 102.00 - 2469.39 meters

Created : 30/Sep/2008 6:36:37 AM



INTEQ

FORMATION EVALUATION LOG

Drilling Rate ROP (m/hr)	CORE	LITHOLOGY %	INTERPRETED LITHOLOGY	TOTAL GAS & RESISTIVITY		CHROMATOGRAPH					Oil Show	Calcimetry	Lithology Description					
				Total Gas %	Resistivity Deep	Methane ppm	Ethane ppm	Propane ppm	iso-Butane ppm	n-Butane ppm				iso-Pentane ppm	n-Pentane ppm			
200 160 120 80 40	MD meters 1:200			0.1	10	0.1	10000	0.1	10000	0.1	10000	0.1	10000	0.1	10000	P F G	CaCO3 % 0 100 MgCO3 % 100 0	
WEIGHT ON BIT (klbf) 10 20 30 40 50				0.2	200	0.1	10000	0.1	10000	0.1	10000	0.1	10000	0.1	10000			
ROP Backup (m/hr) 400 360 320 280 240				ohm.m														

NB1: 660mm (26") 914mm (36") H/Opener Make: Reed Type: Rock/Y11C Jets: 3x22, 1x16 Depth In: 106.4m Depth Out: 154.0m Grade: 1-1-WT-A-NB-I-NO-TD	105																	
	110																	
	115																	
	120																	
	125																	
	130																	
	135																	
	140																	
WOB: 1-3 klbf																		

RT-MSL: 38.5 mMDRT
 Water Depth: 67.9 mMDRT
 RT-Seabed: 106.4 mMDRT

Spud Bazzard-1 @ 2330 hrs
 on 20/09/08

Drill with seawater & Hi-Vis sweeps.
 Returns to seabed 106.4m - 850.0m

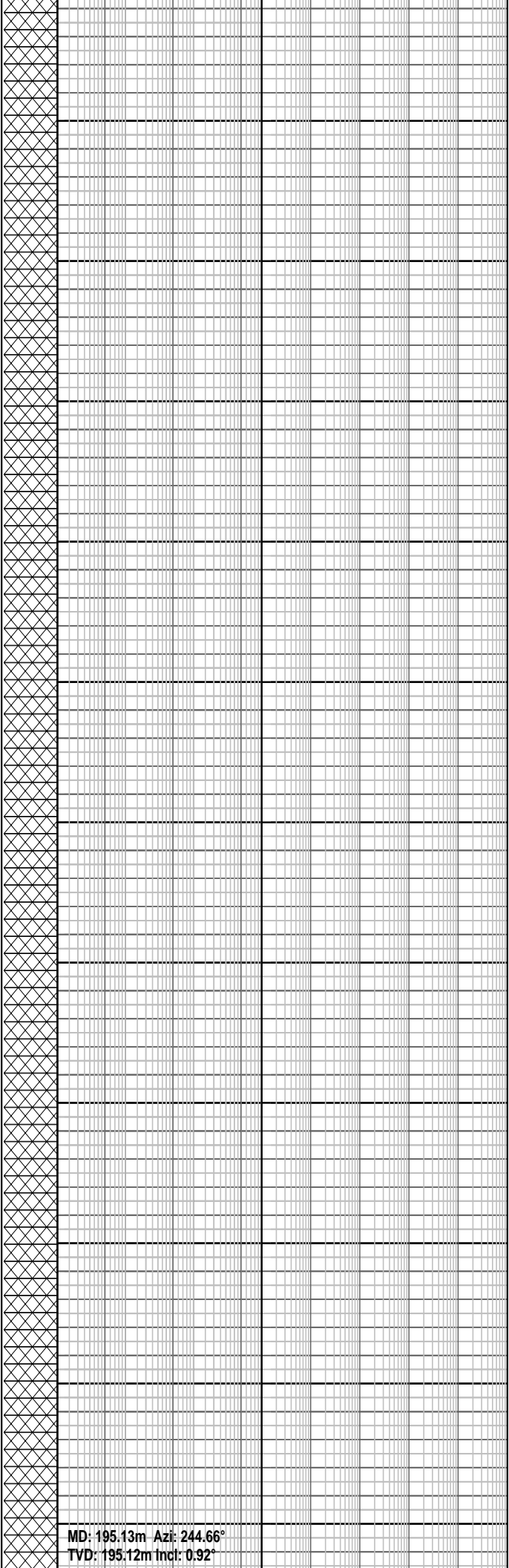
RPM: 60-80
GPM: 600-1140
SPP: 250-1150 psi

Set 762mm (30") casing shoe at 151.0m

21-22/09/08

NB2: 406mm (16")
Make: Hughes
Type: Rock/GXC-1V
Jets: 3x20
Depth In: 154.0m
Depth Out: 850.0m
Drilled 696.0 m in 19.5hrs
Grade: 1-1-WT-A-4-I-NO-PR

145
150
155
160
165
170
175
180
185
190
195



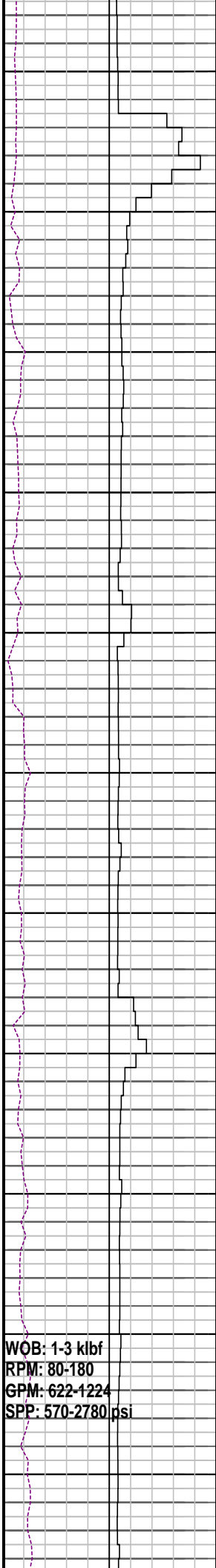
36" Hole Section TD 154.0m

MD: 195.13m Azi: 244.66°
TVD: 195.12m Incl: 0.92°

WOB: 1-3 klbf
RPM: 78-82
GPM: 622-629
SPP: 623-680 psi

200
205
210
215
220
225
230
235
240
245
250

Drill with seawater & Hi-Vis sweeps.
Returns to seabed 106.4m - 850.0m



255

260

265

270

275

280

285

290

295

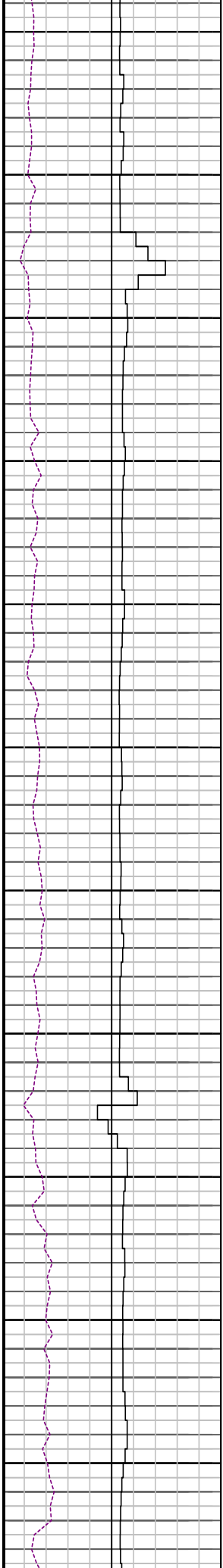
300

305

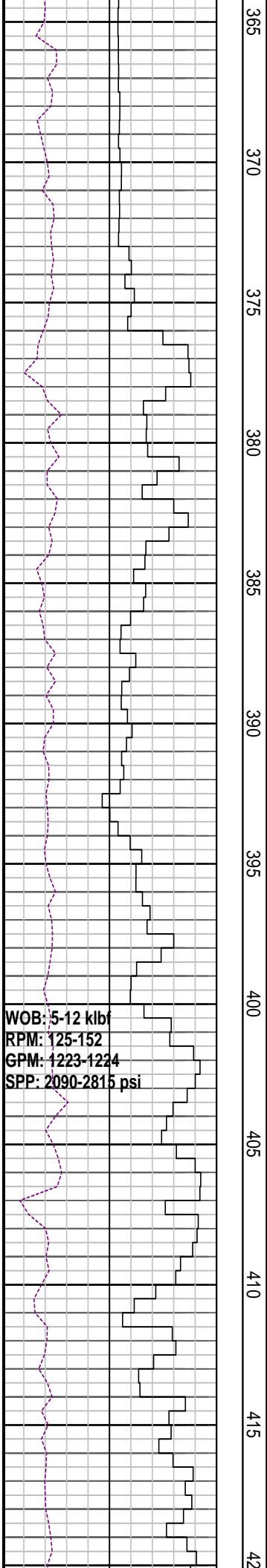
WOB: 1-3 klbf
RPM: 80-180
GPM: 622-1224
SPP: 570-2780 psi

Drill with seawater & Hi-Vis sweeps.
Returns to seabed 106.4m - 850.0m

310 315 320 325 330 335 340 345 350 355 360



MD: 341.42m Azi: 323.79°
TVD: 341.40m Incl: 0.03°



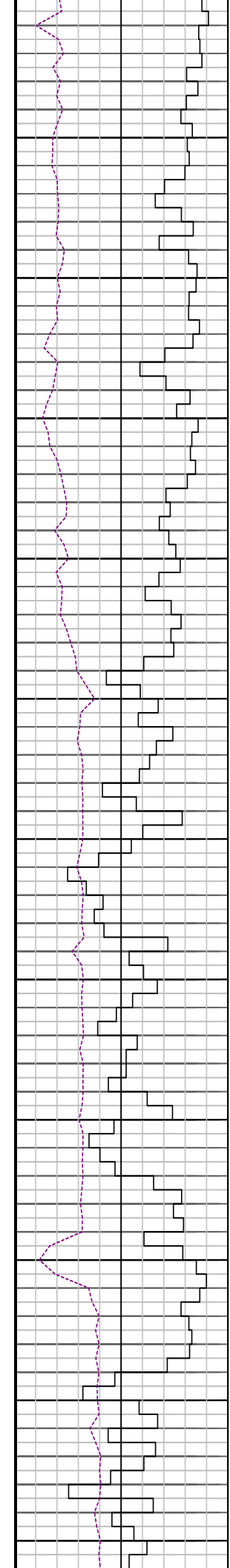
365
370
375
380
385
390
395
400
405
410
415
420

MD: 370.87m Azi: 246.56°
TVD: 370.85m Incl: 0.36°

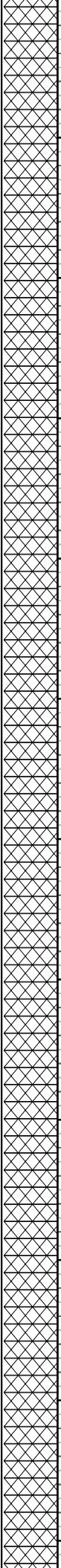
MD: 399.83m Azi: 249.03°
TVD: 399.81m Incl: 0.45°

WOB: 5-12 klb
RPM: 125-152
GPM: 1223-1224
SPP: 2090-2815 psi

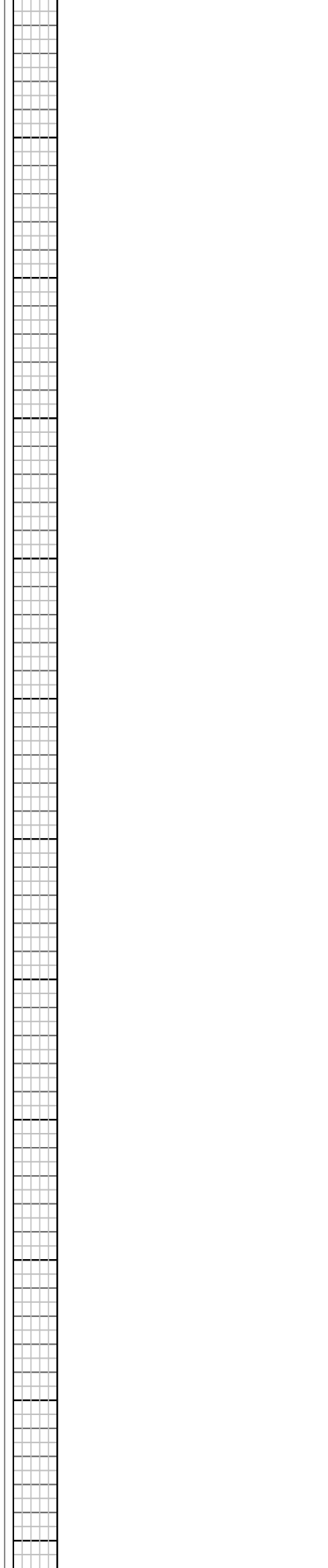
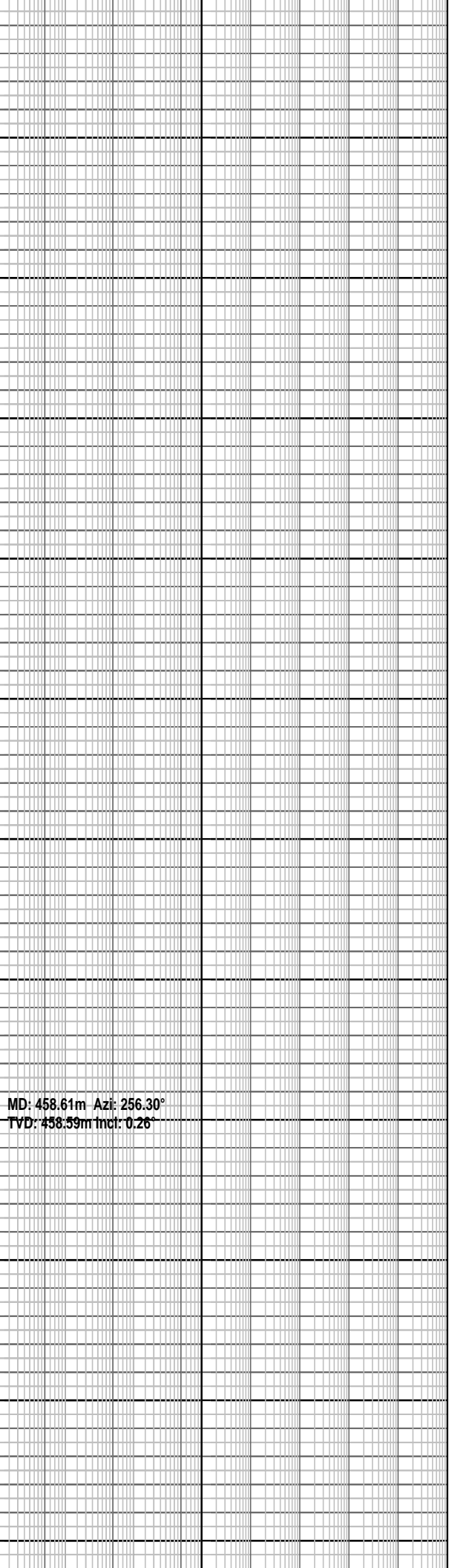
Drill with seawater & Hi-Vis sweeps.
Returns to seabed 106.4m - 850.0m

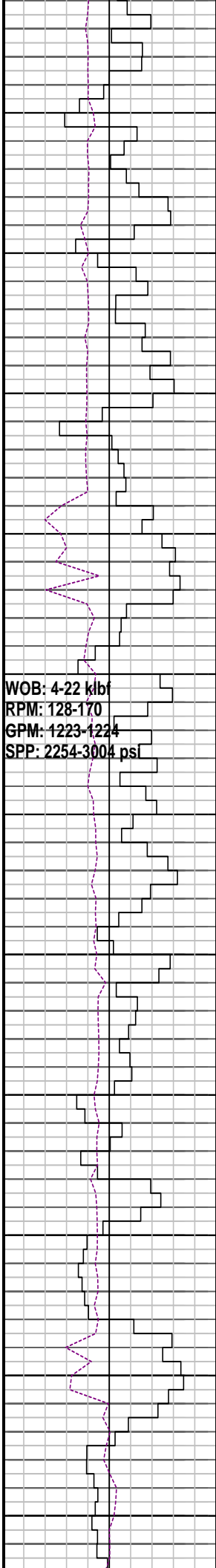


0
425
430
435
440
445
450
455
460
465
470
475



MD: 458.61m Azi: 256.30°
TVD: 458.59m Incl: 0.26°





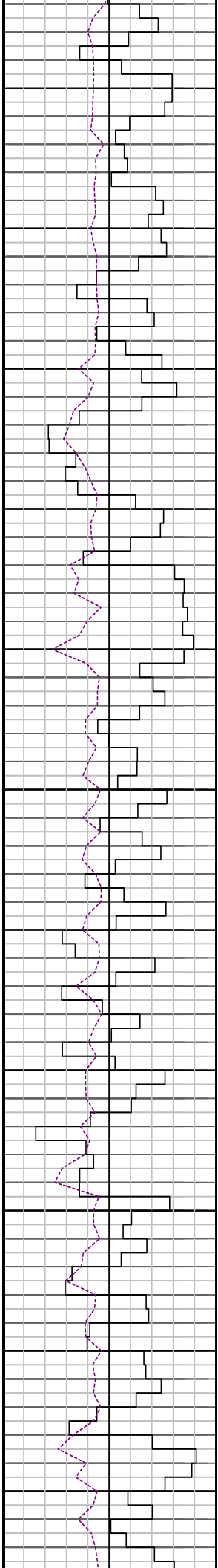
480
485
490
495
500
505
510
515
520
525
530

MD: 488.50m Azi: 298.03°
TVD: 488.48m Incl: 0.55°

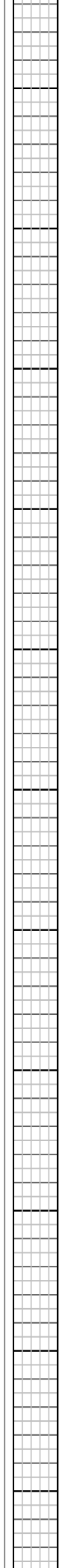
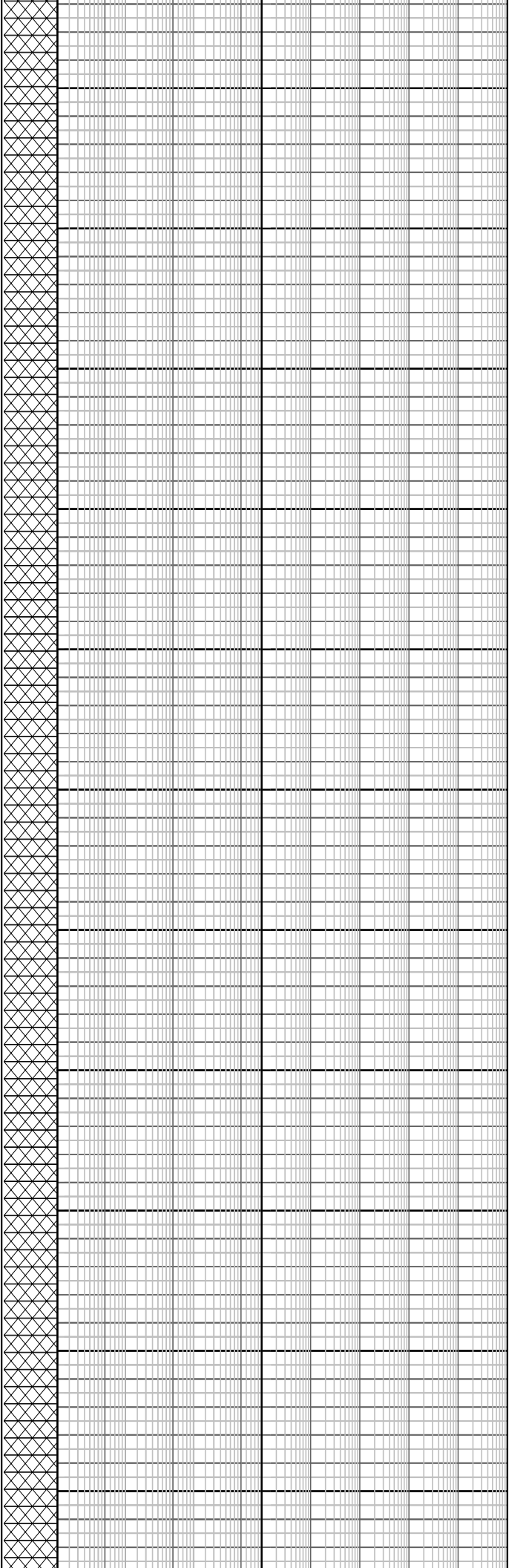
WOB: 4-22 kbf
RPM: 128-170
GPM: 1223-1224
SPP: 2254-3004 psi

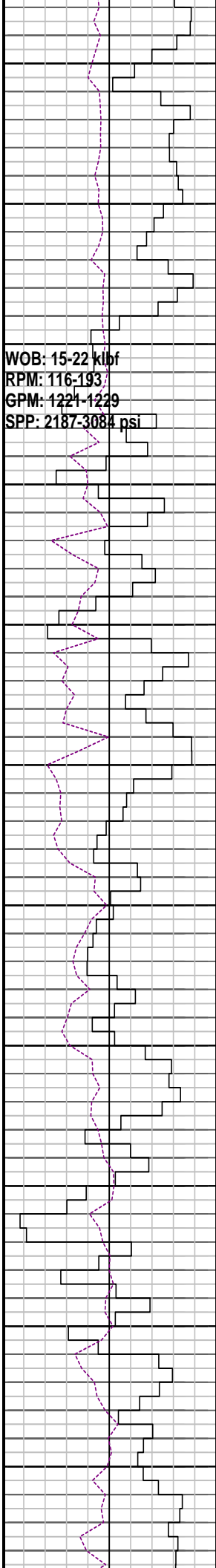
MD: 518.24m Azi: 302.41°
TVD: 518.22m Incl: 0.60°

Drill with seawater & Hi-Vis sweeps.
Returns to seabed 106.4m - 850.0m

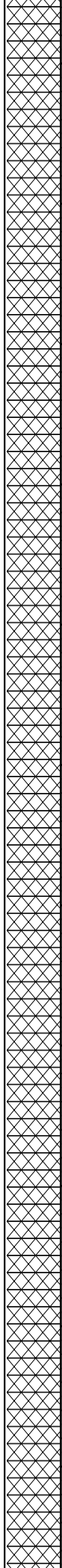


535 540 545 550 555 560 565 570 575 580 585





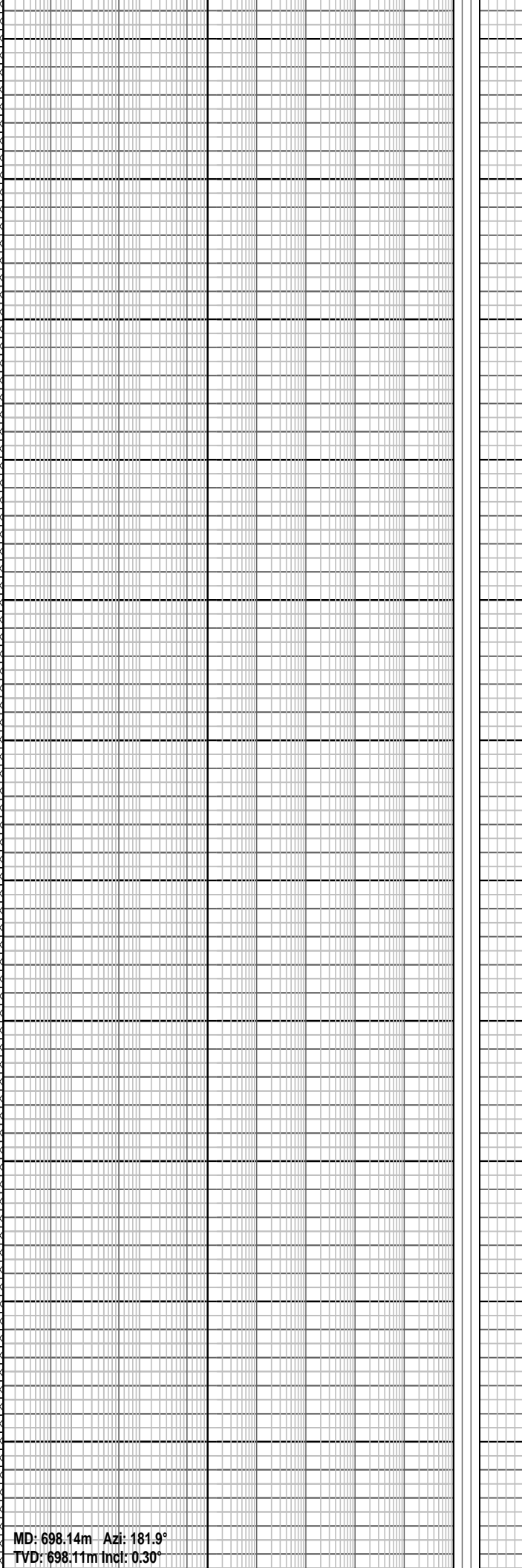
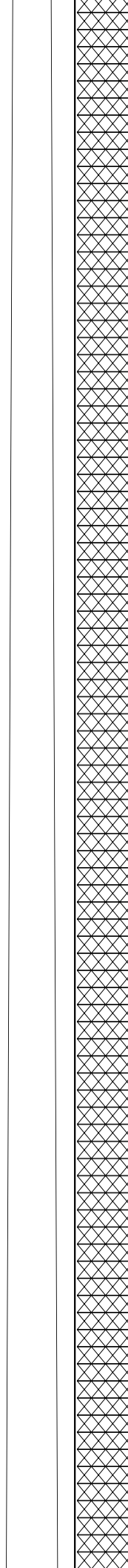
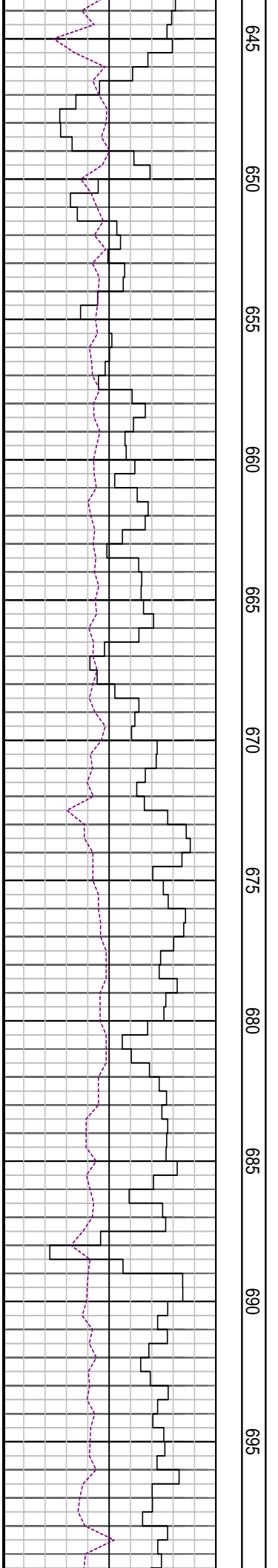
590
595
600
605
610
615
620
625
630
635
640



MD: 607.51m Azi: 265.06°
TVD: 607.48m Incl: 0.34°

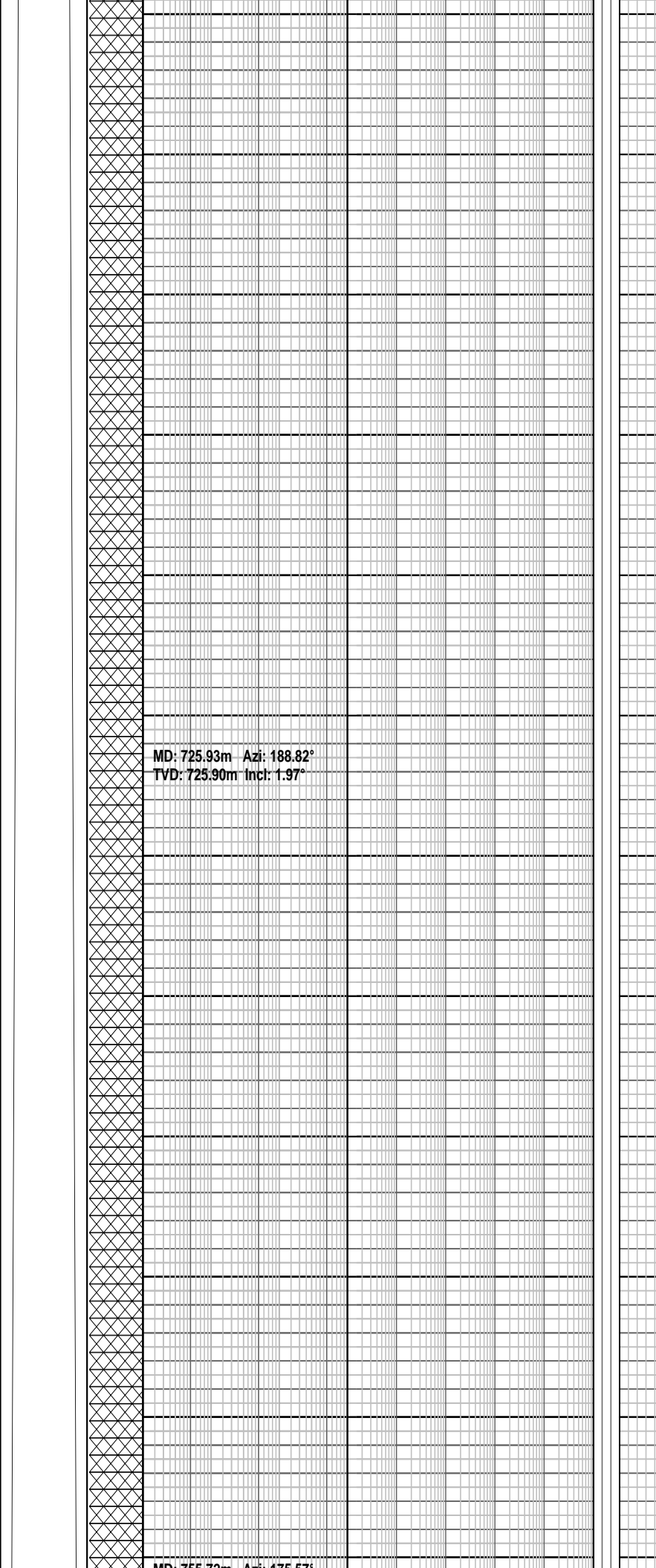
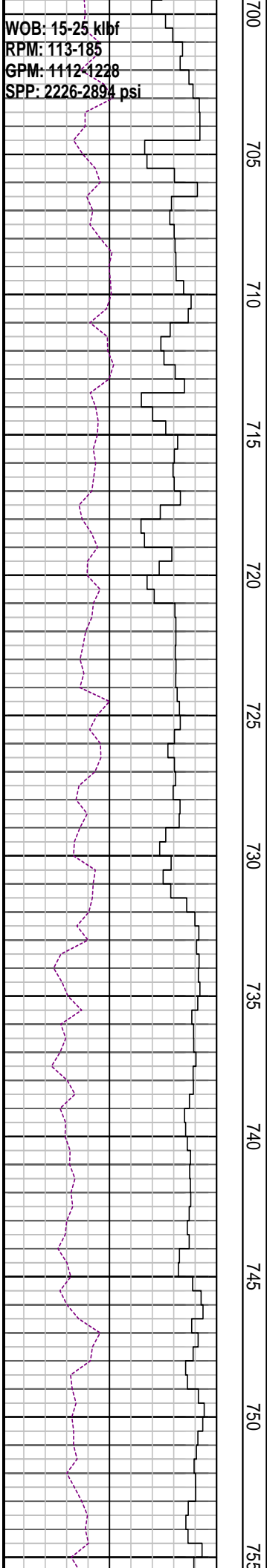
MD: 634.48m Azi: 227.13°
TVD: 634.45m Incl: 0.12°

Drill with seawater & Hi-Vis sweeps.
Returns to seabed 106.4m - 850.0m



MD: 698.14m Azi: 181.9°
TVD: 698.11m Incl: 0.30°

WOB: 15-25 klf
RPM: 113-185
GPM: 1112-1228
SPP: 2226-2894 psi



Drill with seawater & Hi-Vis sweeps.
Returns to seabed 106.4m - 850.0m

MD: 755.72m Azi: 175.57°

MD: 755.72m Azi: 173.37°
TVD: 755.76m Incl: 2.82°

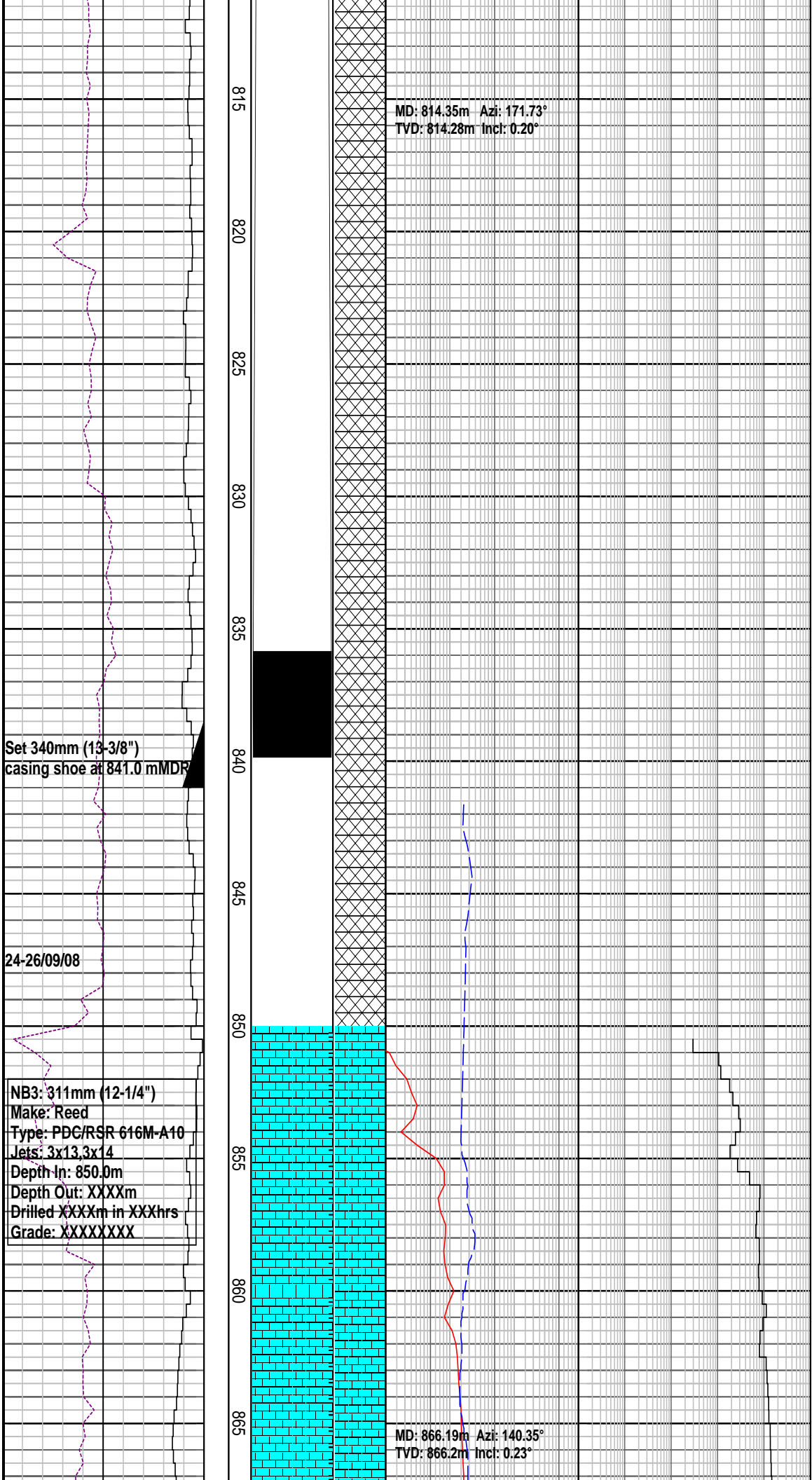
23/09/08

760
765
770
775
780
785
790
795
800
805
810

MD: 785.01m Azi: 168.12°
TVD: 784.94m Incl: 0.33°

WOB: 10-25 klbf
RPM: 104-185
GPM: 1091-1148
SPP: 1924-2586psi

Drill with seawater & Hi-Vis sweeps.
Returns to seabed 106.4m - 850.0m



815
820
825
830
835
840
845
850
855
860
865

MD: 814.35m Azi: 171.73°
TVD: 814.28m Incl: 0.20°

Set 340mm (13-3/8") casing shoe at 841.0 mMDR

24-26/09/08

NB3: 311mm (12-1/4")
Make: Reed
Type: PDC/RSR 616M-A10
Jets: 3x13,3x14
Depth In: 850.0m
Depth Out: XXXXm
Drilled XXXXm in XXXhrs
Grade: XXXXXXXX

MD: 866.19m Azi: 140.35°
TVD: 866.2m Incl: 0.23°

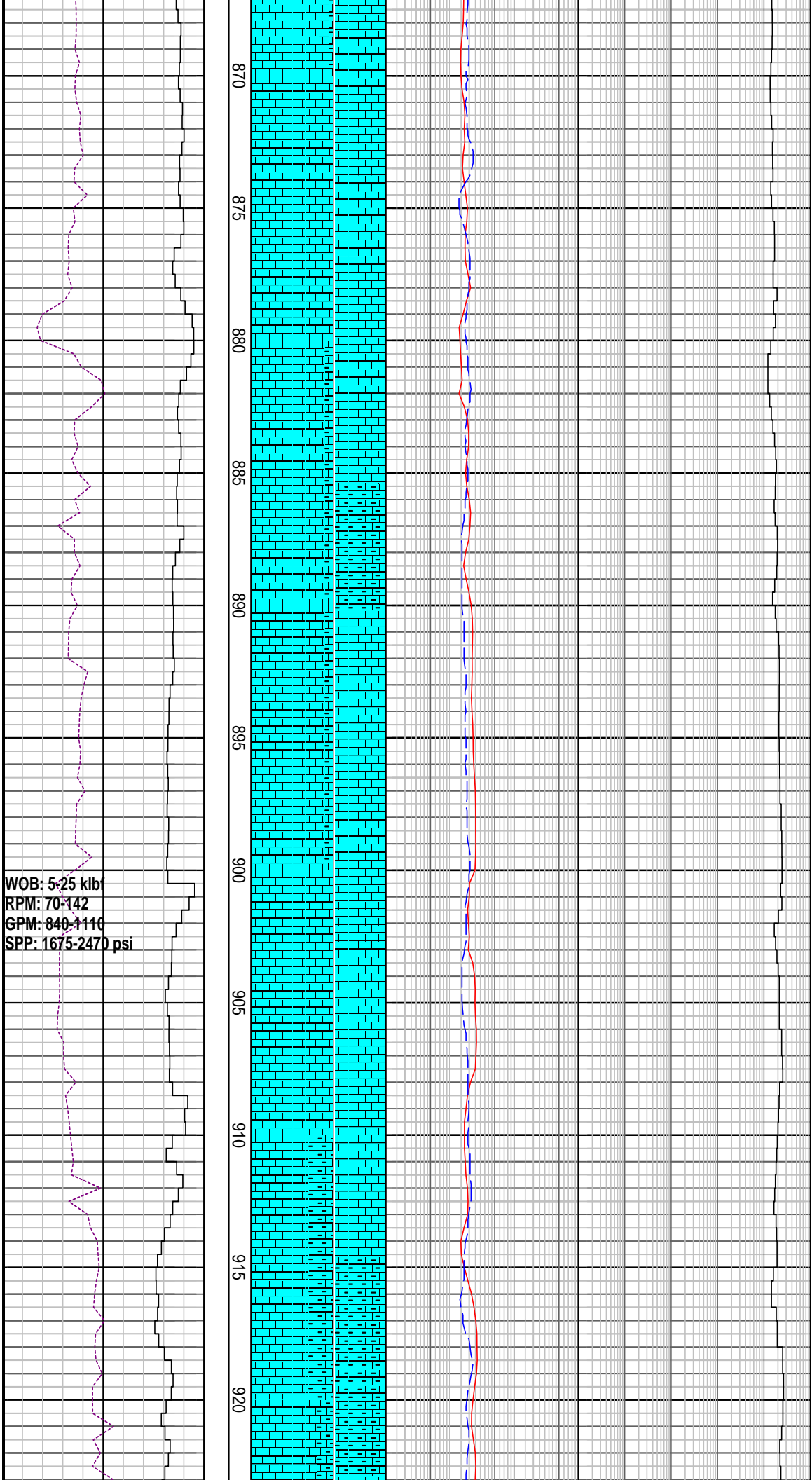
16" Hole Section TD 850.0m

Drill with KCI/PHPA mud
850.0m to Well TD

MW: 8.7 ppg FV:
153
PV: 24 YP:40
Gels: 10/12/12 pH: 9.0

LOT @ 853.0m with 8.8 ppg
EMW: 15.06 ppg @ 900 psi

CALCULITITE lt bl gy, mod sft, ang f
gr slit par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

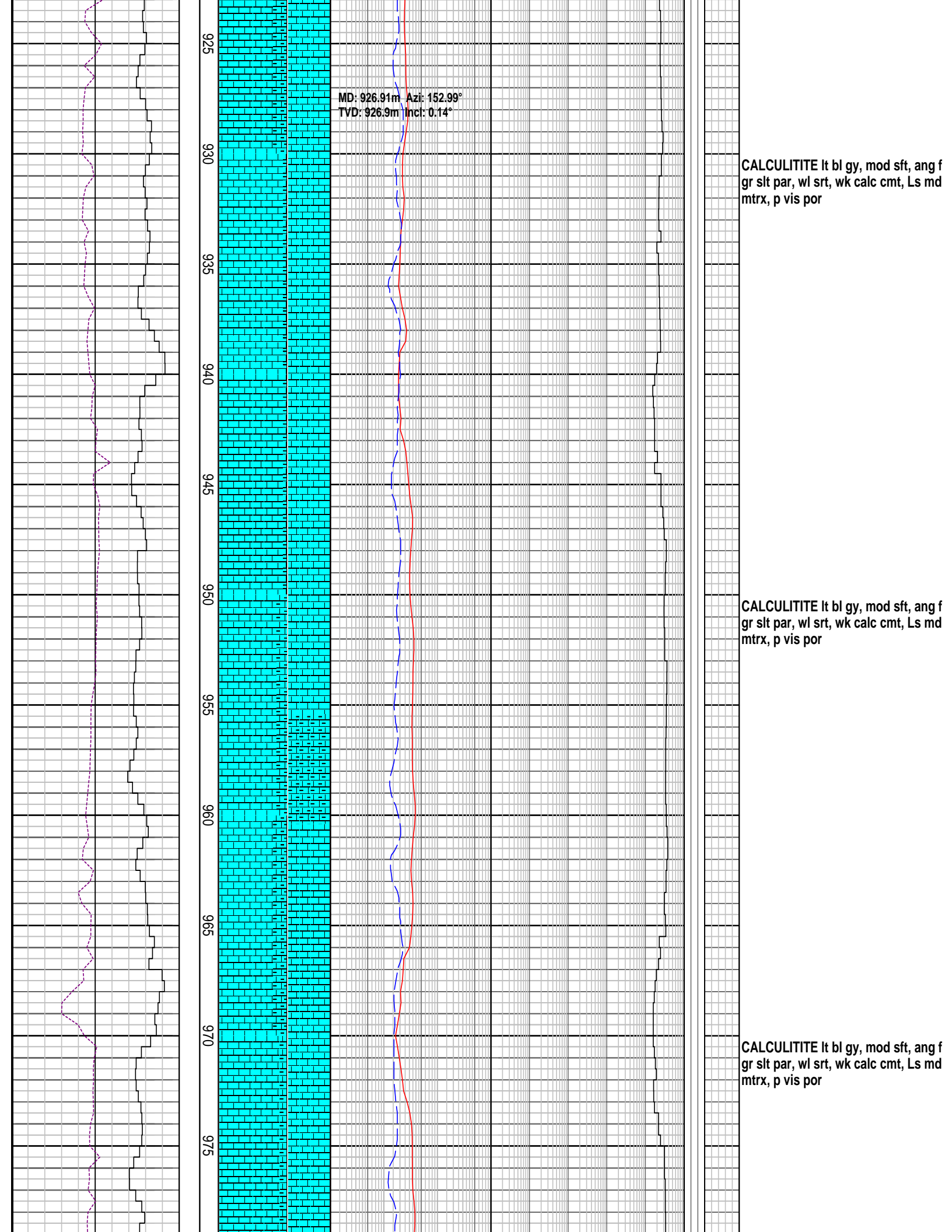


WOB: 5-25 klbf
RPM: 70-142
GPM: 840-1110
SPP: 1675-2470 psi

CALCARENITE : yel gy-lt olv gy,
sbrndd blk, mod hd, f gr, trnsl sb ang
cal

CALCULITITE : lt bl gy, mod sft, ang f
gr slt par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

CALCARENITE : yel gy-lt olv gy,
sbrndd-blky, mod hd, f gr, trnsl sb
ang



MD: 926.91m Azi: 152.99°
TVD: 926.9m Incl: 0.14°

CALCULITITE It bl gy, mod sft, ang f
gr slt par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

CALCULITITE It bl gy, mod sft, ang f
gr slt par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

CALCULITITE It bl gy, mod sft, ang f
gr slt par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

WOB: 15-25 klbf
RPM: 107-185
GPM: 1000-1110
SPP: 2135-2450 psi

980
985
990
995
1000
1005
1010
1015
1020
1025
1030
1035

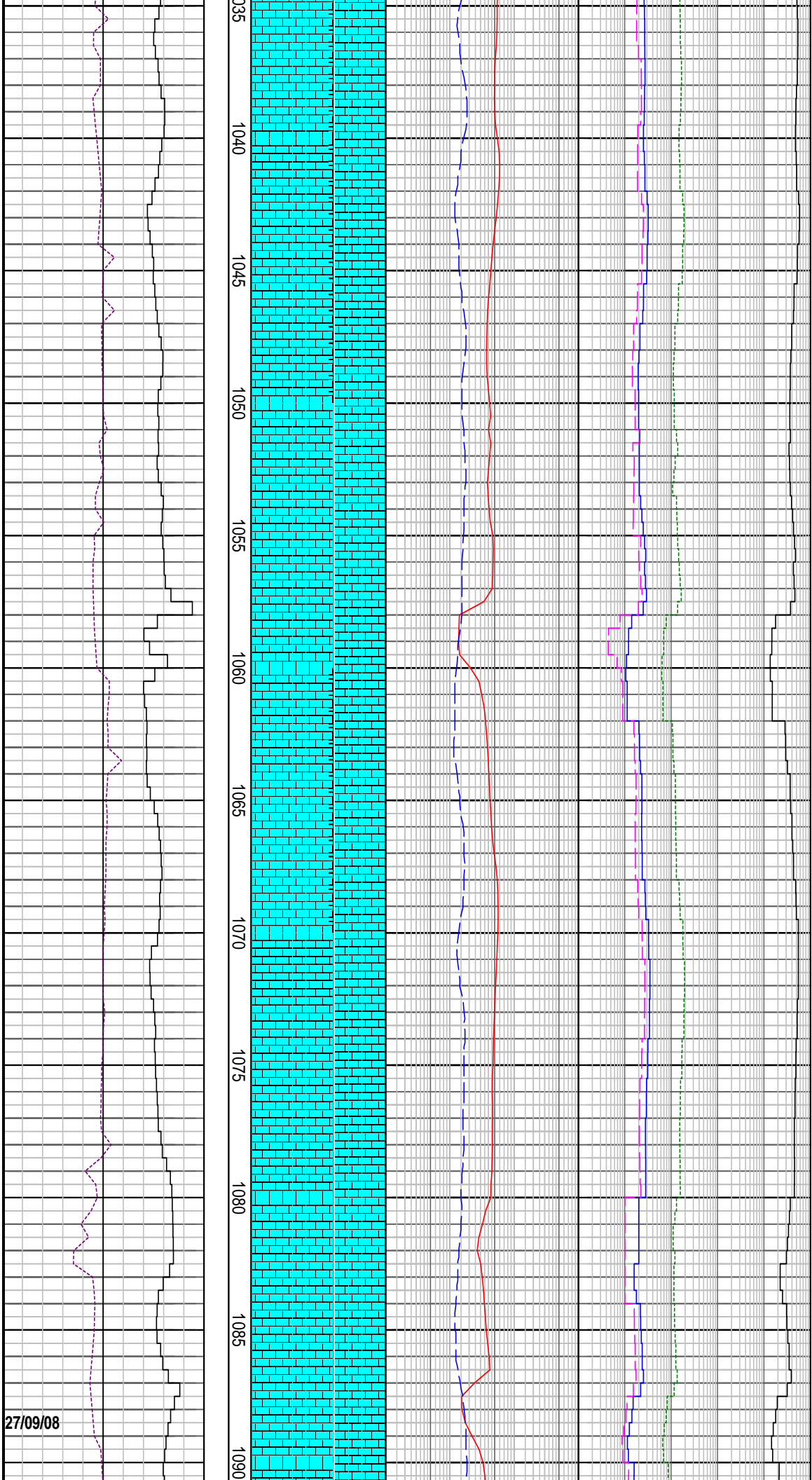
MD: 1015.91m Azi: 23.8°
TVD: 1015.9m Incl: 0.11°

CALCARENITE : yel gy-lt olv gy,
sbrn-dd-blky, mod hd, f gr, trnsl sb
ang calc, calc cmt

CALCULITITE lt bl gy, mod sft, ang f
gr slt par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

MW: 8.8 ppg	FV: 70
PV: 16	YP: 36
Gels: 13/20/23	pH: 8.5

CALCARENITE : yel gy-lt olv gy,
sbrn-dd-blky, mod hd, f gr, trnsl sb
ang



CALCULITITE lt bl gy, mod sft, ang f
gr slit par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

CALCULITITE lt bl gy, mod sft, ang f
gr slit par, wl srt, wk calc cmt, Ls md
mtrx, p vis por

CALCULITITE lt bl gy-olv gy, sft-mod
sft, blk, ang f gr slit par, calc cmt,
com calcs slit, lam slty

27/09/08

CAL CARENITE : lt olv av-m av.

WOB: 20-25 klf
RPM: 131-148
GPM: 1060-1110
SPP: 2360-2485 psi

1095
1100
1105
1110
1115
1120
1125
1130
1135
1140
1145

MD: 1104.27m Azi: 50.17°
TVD: 1104.2m Incl: 0.09°

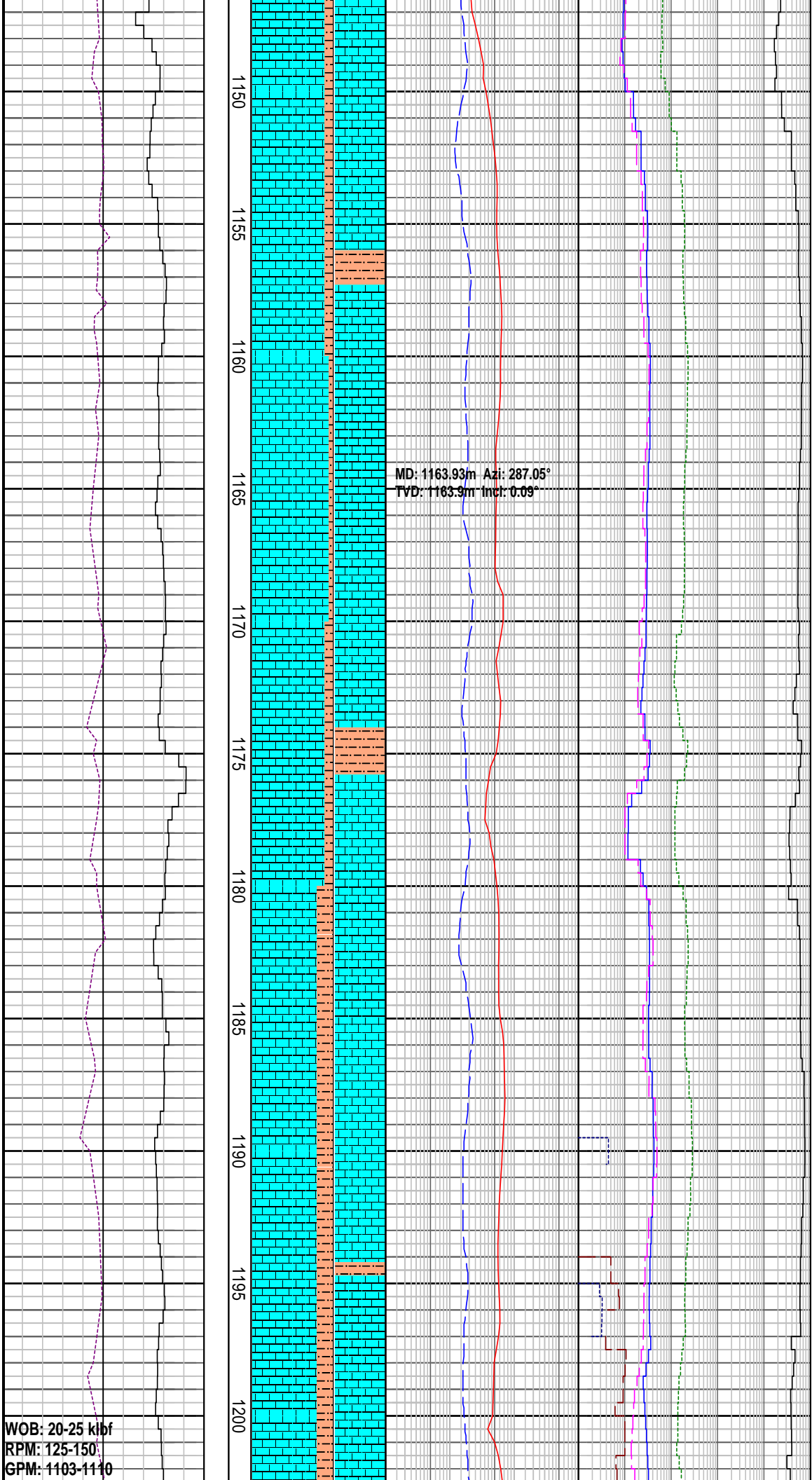
MD: 1134.08m Azi: 324.64°
TVD: 1134.1m Incl: 0.13°

Calc...
sbrndd-blky, mod hd, f gr, mod srt,
trns sb ang

CALCULITITE lt bl gy-olv gy, sft-mod
sft, mod hd, frm i/p, sbbky-blky, silty
md, wll srt, com calcs slt, lam, pr inf
por

CALCULITITE lt bl gy-olv gy, sft-mod
sft, mod hd, frm i/p, sbbky-blky, silty
md, wll srt, com calcs slt, lam, pr inf
por, tr SLTST

SILTSTONE lt brn-dk brn, frm-mod
hd, blky, mod calc



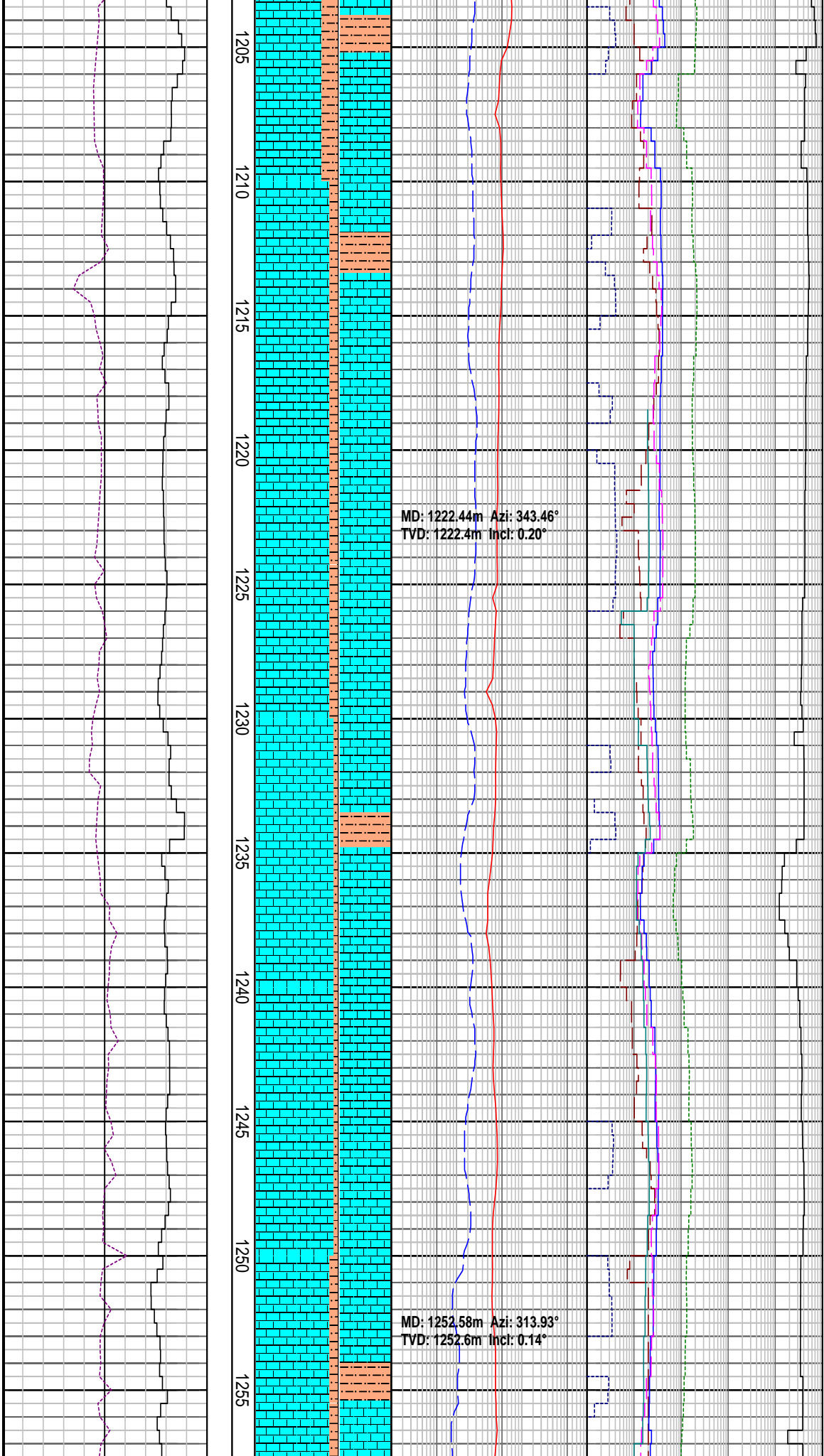
CALCULITITE lt bl gy-olv gy, sft-mod
 sft, mod hd, frm i/p, sbbky-blky, silty
 md, wll srt, com calcs sit, lam, pr inf
 por

SILTSTONE lt brn-dk brn, frm-mod
 hd, blky, mod calc

CALCULITITE lt bl gy-olv gy, sft-mod
 sft, mod hd, frm i/p, sbbky-blky, silty
 md, wll srt, com calcs sit, com lam, pr
 inf por

WOB: 20-25 klf
 RPM: 125-150
 GPM: 1103-1110

SPP: 2435-2508 psi



1205
1210
1215
1220
1225
1230
1235
1240
1245
1250
1255

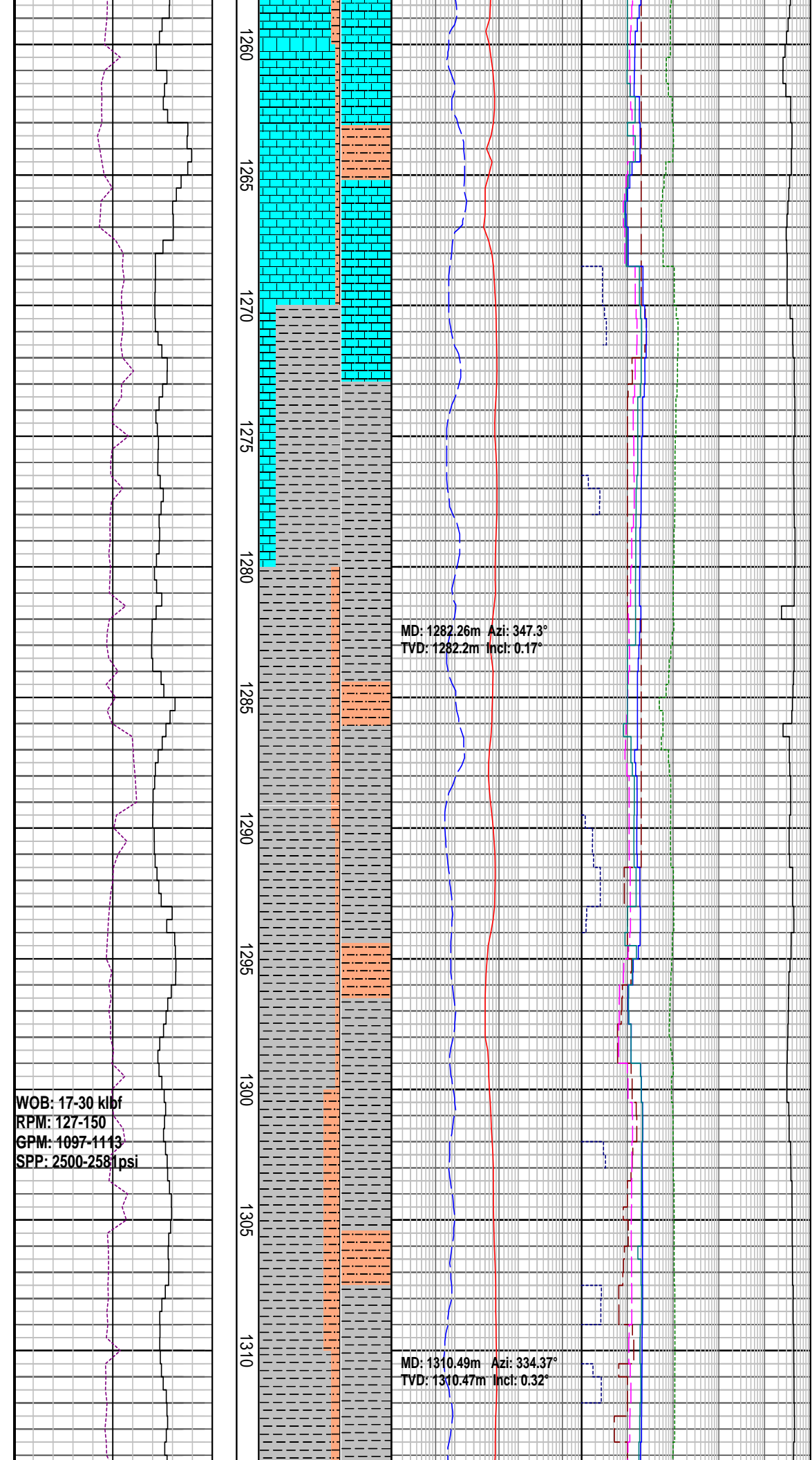
MD: 1222.44m Azi: 343.46°
TVD: 1222.4m Incl: 0.20°

MD: 1252.58m Azi: 313.93°
TVD: 1252.6m Incl: 0.14°

SILTSTONE: lt brn-dk brn, frm-mod hd, blkly, mod calc

CALCULITITE lt bl gy-olv gy, sft-mod sft, mod hd, frm i/p, sbbkly-blky, silty md, wll srt, com calc slt, comm lam, pr inf por

CALCULITITE: lt gy-med gy, lt bl gy-olv gy, sft-mod sft, amorp, frm i/p, sbbkly-blky, disp i/p, silty md, wll srt, com lam, pr inf por

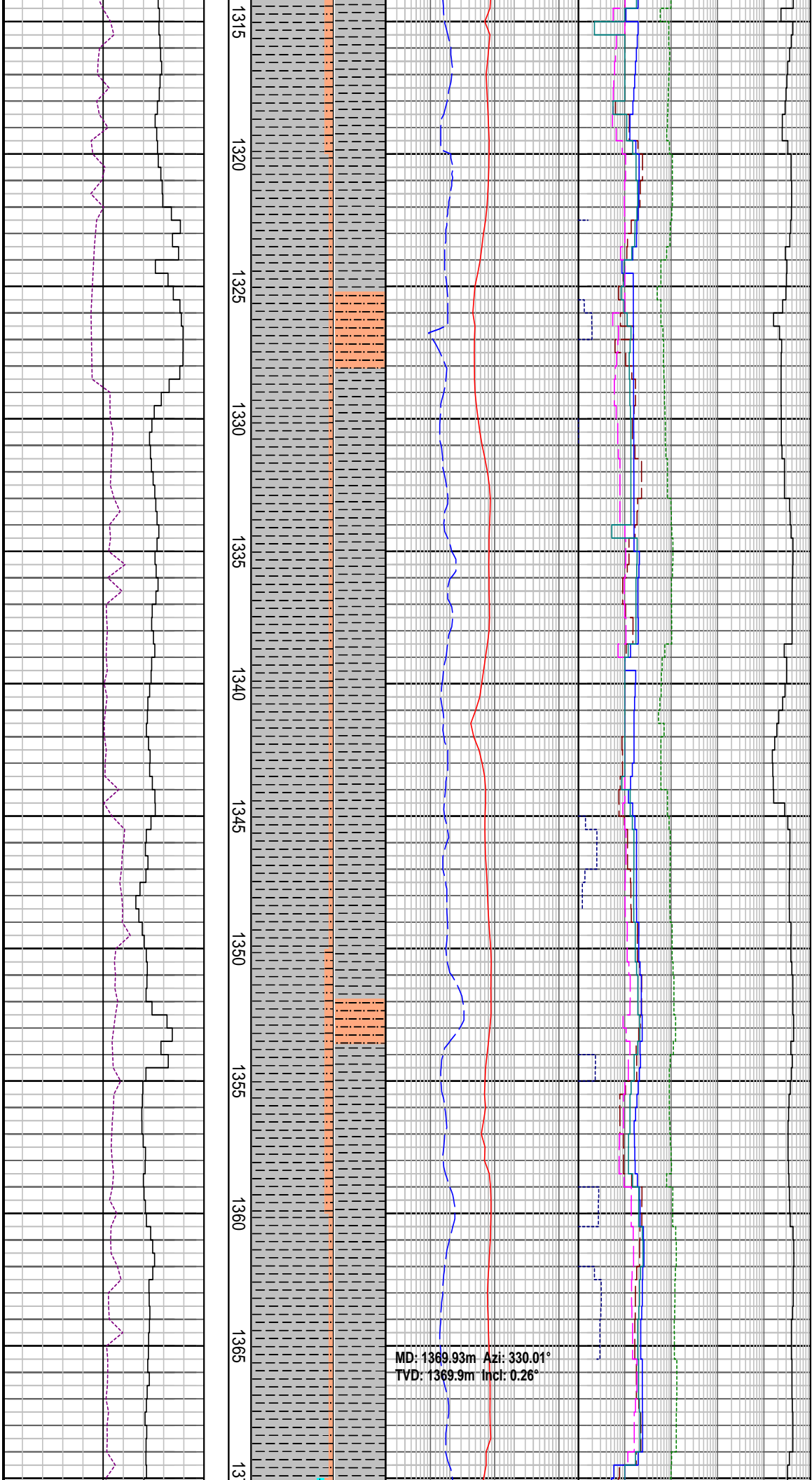


SILTSTONE: m gy-grnsh gy, frm-hd, blky, arg mod calc, tr dk gr-blk vf-med sbrndd glau

CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblky-blky, sli sli, mod-hi calc, tr mic flks

SILTSTONE: m gy-grnsh gy, frm-hd, blky, arg mod calc

CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblky-blky, sli sli, mod-hi calc, tr mic flks, grdg to Clct

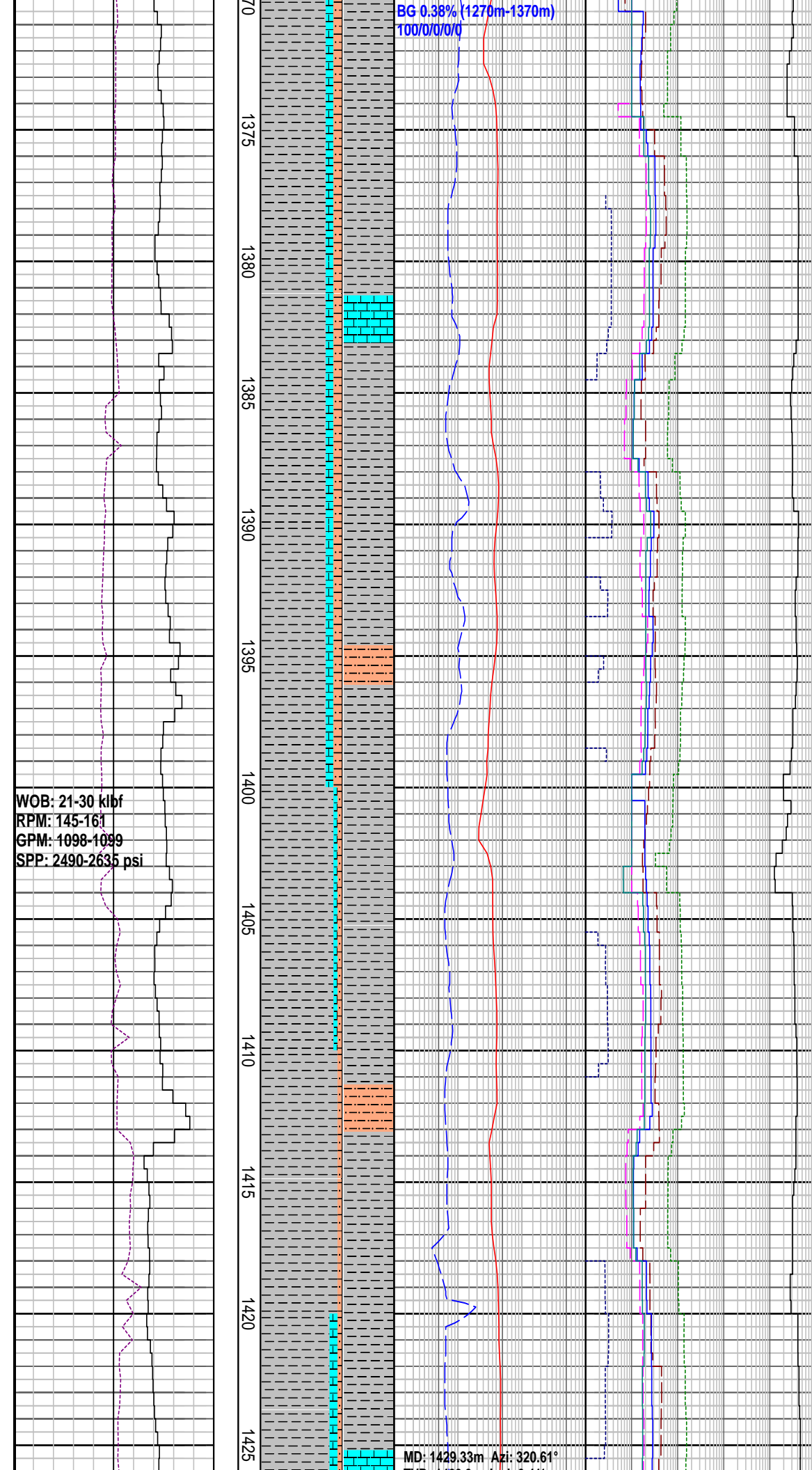


CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblky-blky, sli slty, mod-hi calc, tr mic filks, grdg to Clclt

SILTSTONE: m gy-gn gy, frm-hd, blk, arg mod calc

MD: 1369.93m Azi: 330.01°
TVD: 1369.9m Incl: 0.26°

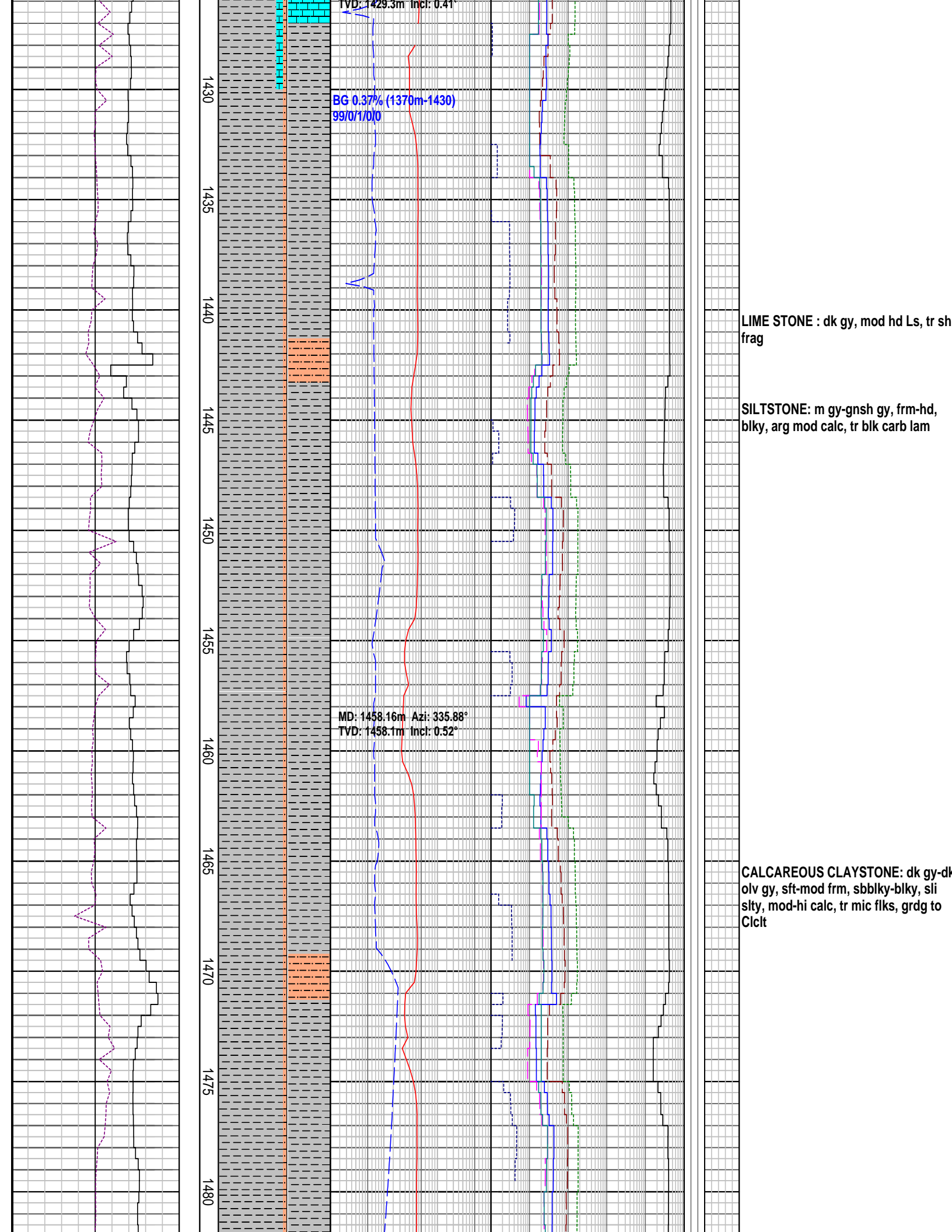
CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblky-blky, sli slty, mod-hi calc, tr mic filks, grdg to Clclt



LIMESTONE: clr hd xln cal wh-gy sft amor LS

CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblky-blky, sli slty, mod-hi calc, tr mic flks, grdg to ClcIt

LIME STONE : dk gy, mod hd Ls, tr sh frag



TVD: 1429.3m Incl: 0.41°

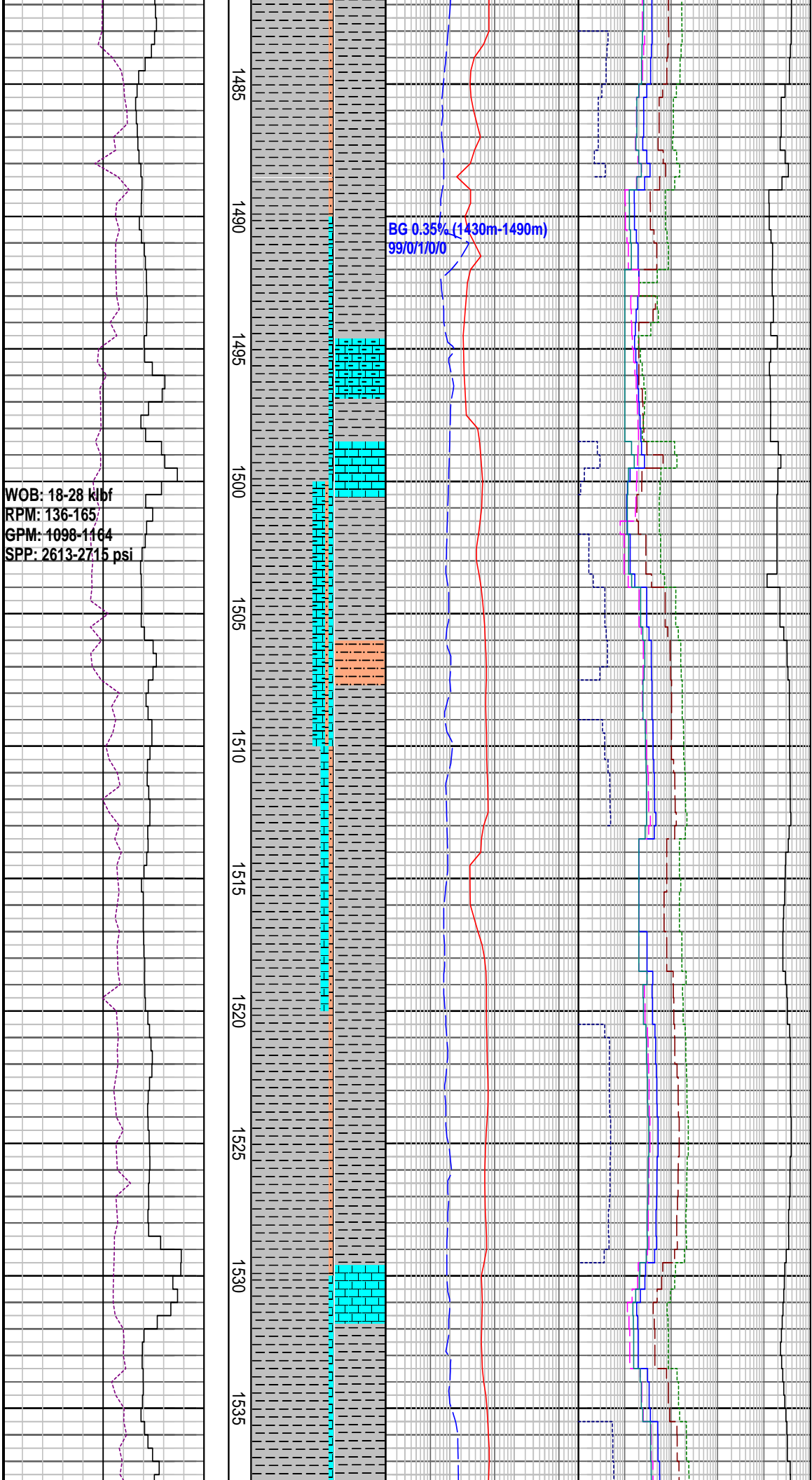
BG 0.37% (1370m-1430)
99/0/1/0/0

MD: 1458.16m Azi: 335.88°
TVD: 1458.1m Incl: 0.52°

LIME STONE : dk gy, mod hd Ls, tr sh frag

SILTSTONE: m gy-gnsh gy, frm-hd, blk, arg mod calc, tr blk carb lam

CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblk-bkly, sli slty, mod-hi calc, tr mic flks, grdg to Clct

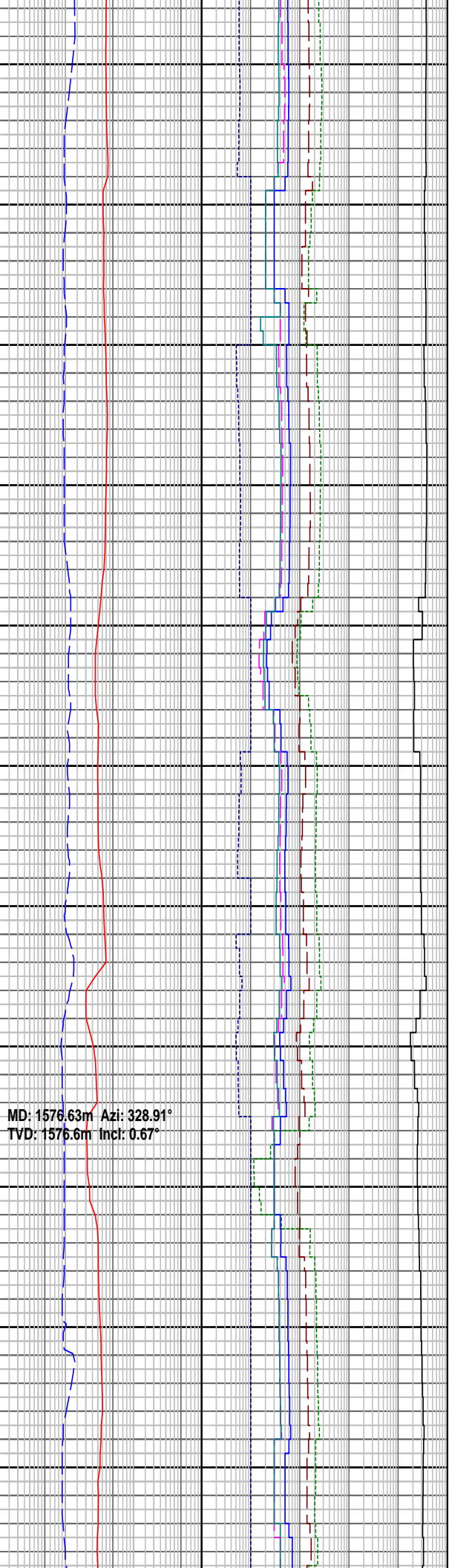
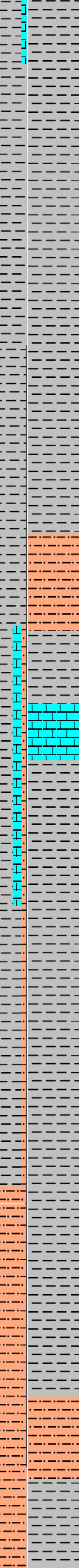


CALCARENITE : yel gy-lt olv gy, sbrndd-blky, mod hd, f gr, trnsl sb ang

LIME STONE : dk gy, mod hd Ls, tr sh frag

LIME STONE : gy yel, mod hd Ls, xln calc mnr wh sft amor Ls, tr shl frag

1540
1545
1550
1555
1560
1565
1570
1575
1580
1585
1590



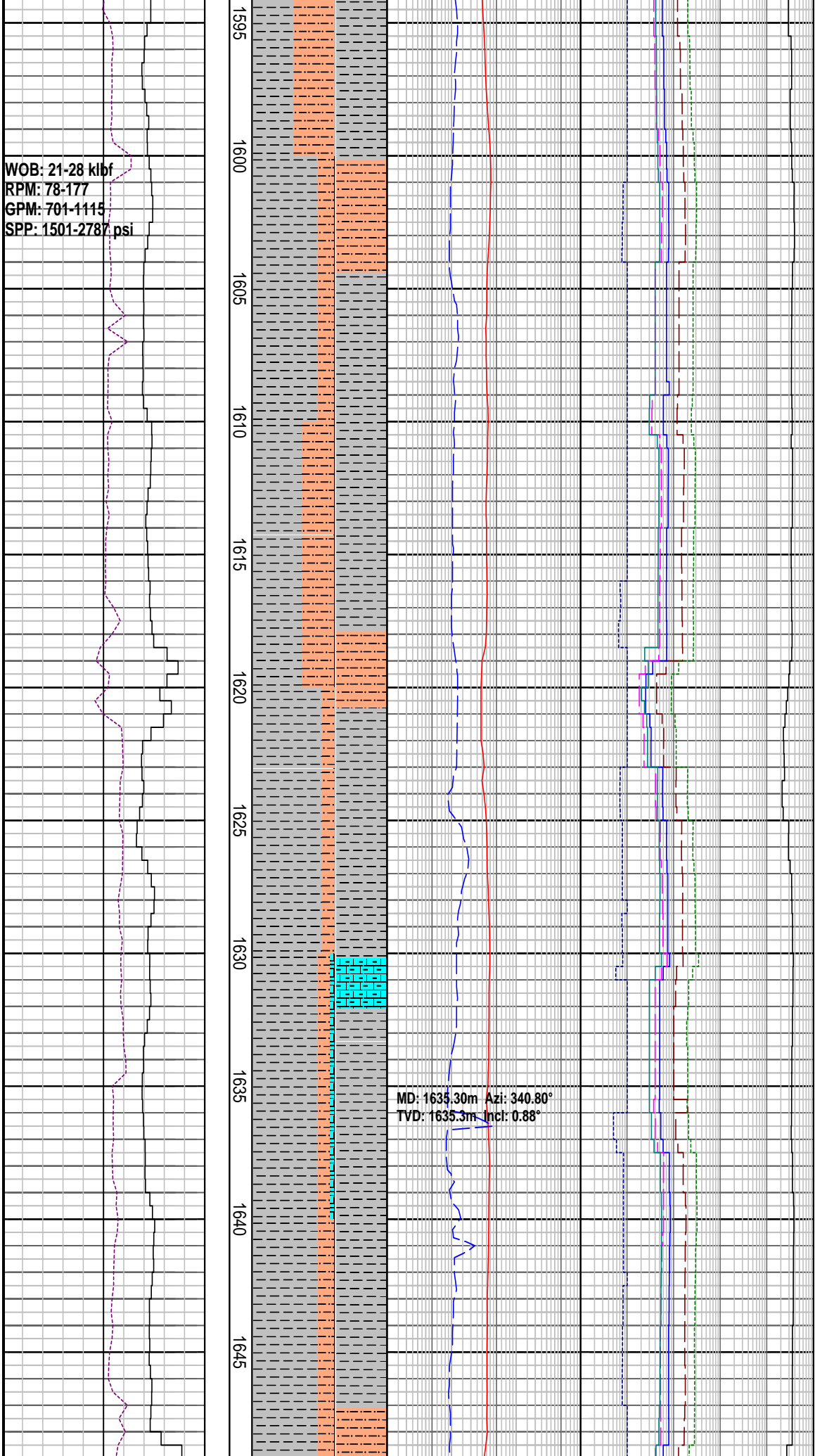
MD: 1576.63m Azi: 328.91°
TVD: 1576.6m Incl: 0.67°

CALCAREOUS CLAYSTONE: dk gy-dk
olv gy, sft-mod frm, sbblky-blky, sli
silty, mod-hi calc, tr mic flks, grdg to
Clclt

SILTSTONE: m gy-gnsh gy, frm-hd,
blky, arg mod calc, tr blk carb lam

MW: 9.0 ppg	FV: 53
PV: 19	YP: 32
Gels: 14/24/29	pH: 8.5

SILTSTONE: m gy-gnsh gy, frm-hd,
blky, arg mod calc, tr blk carb lam

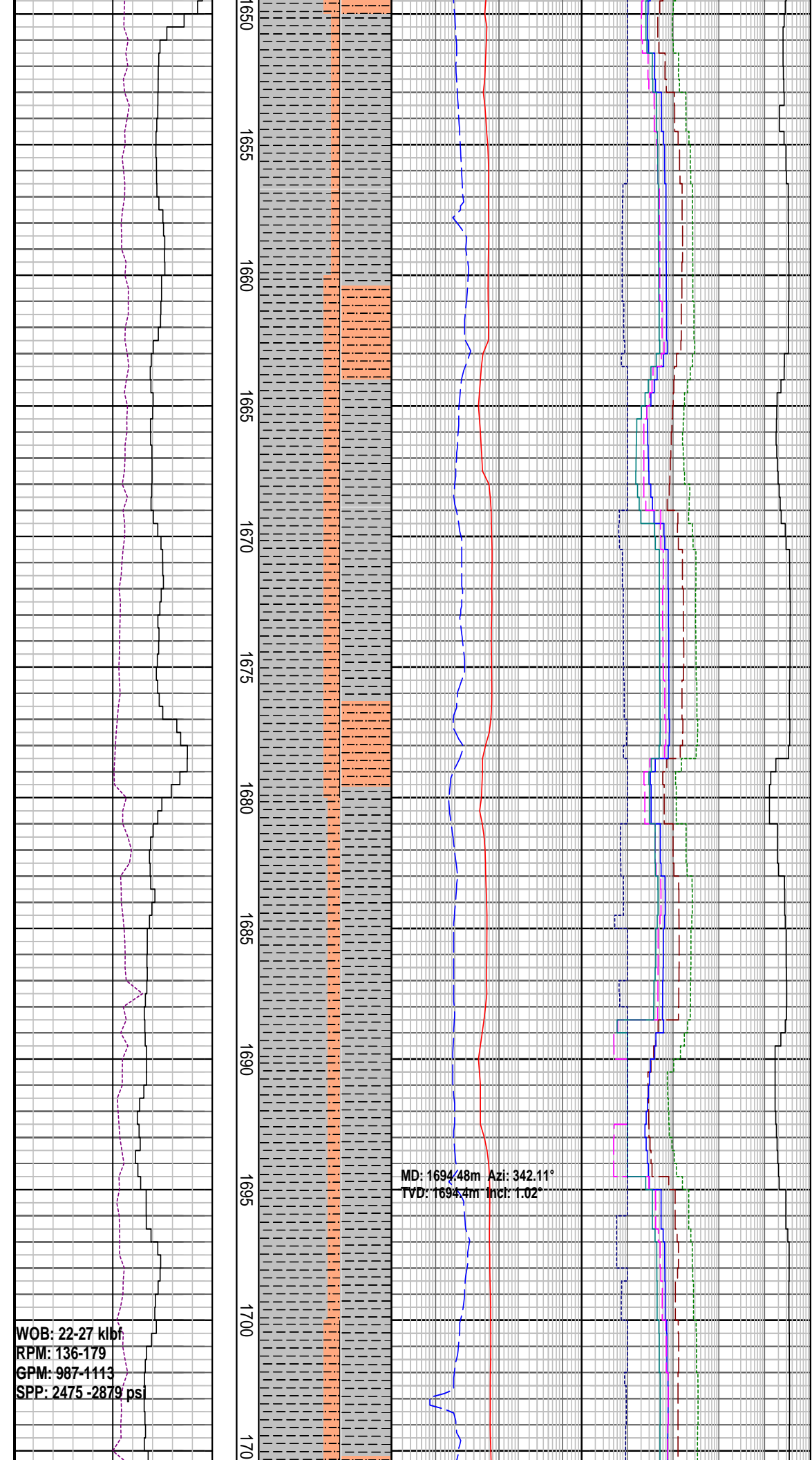


CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbbiky-blky, sli slty, mod-hi calc, tr mic flks, grdg to Clct

SILTSTONE: m gy-gnsh gy, frm-hd, blky, arg mod calc, tr blk carb lam

CALCARENITE : yel gy-lt olv gy, sbrn-dd-blky, mod hd, f gr, trnsl sb ang

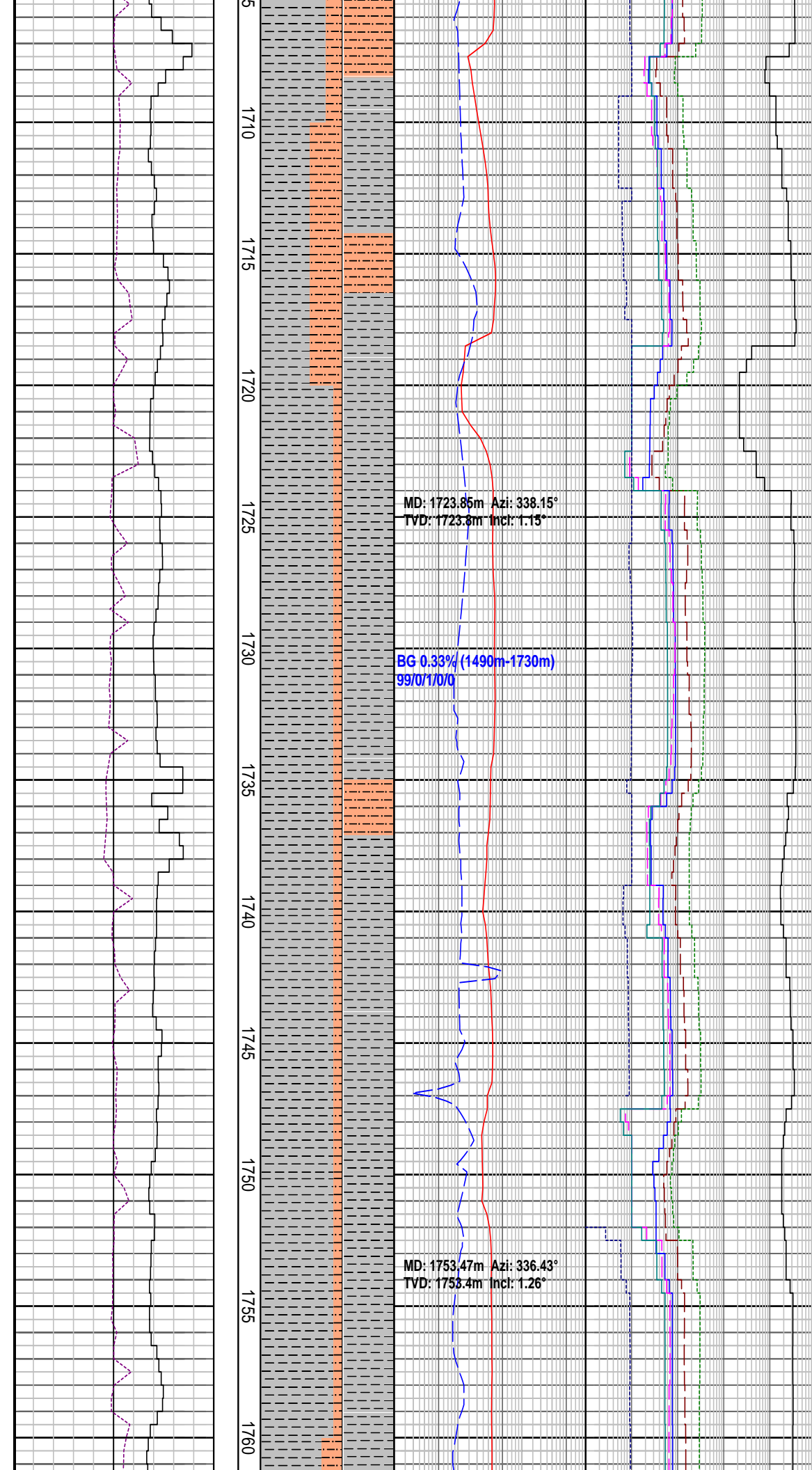
SILTSTONE: m gy-gnsh gy, frm-hd, blky, arg mod calc, tr blk carb lam



CALCAREOUS CLAYSTONE: dk gy-dk
olv gy, sft-mod frm, sbbky-blky, sli
sly, mod-hi calc, tr mic flks, grdg to
ClcIt

WOB: 22-27 klbf
RPM: 136-179
GPM: 987-1113
SPP: 2475-2879 psi

MD: 1694.48m Azi: 342.11°
TVD: 1694.4m Incl: 1.02°



1705
1710
1715
1720
1725
1730
1735
1740
1745
1750
1755
1760

MD: 1723.85m Azi: 338.15°
TVD: 1723.8m Incl: 1.15°

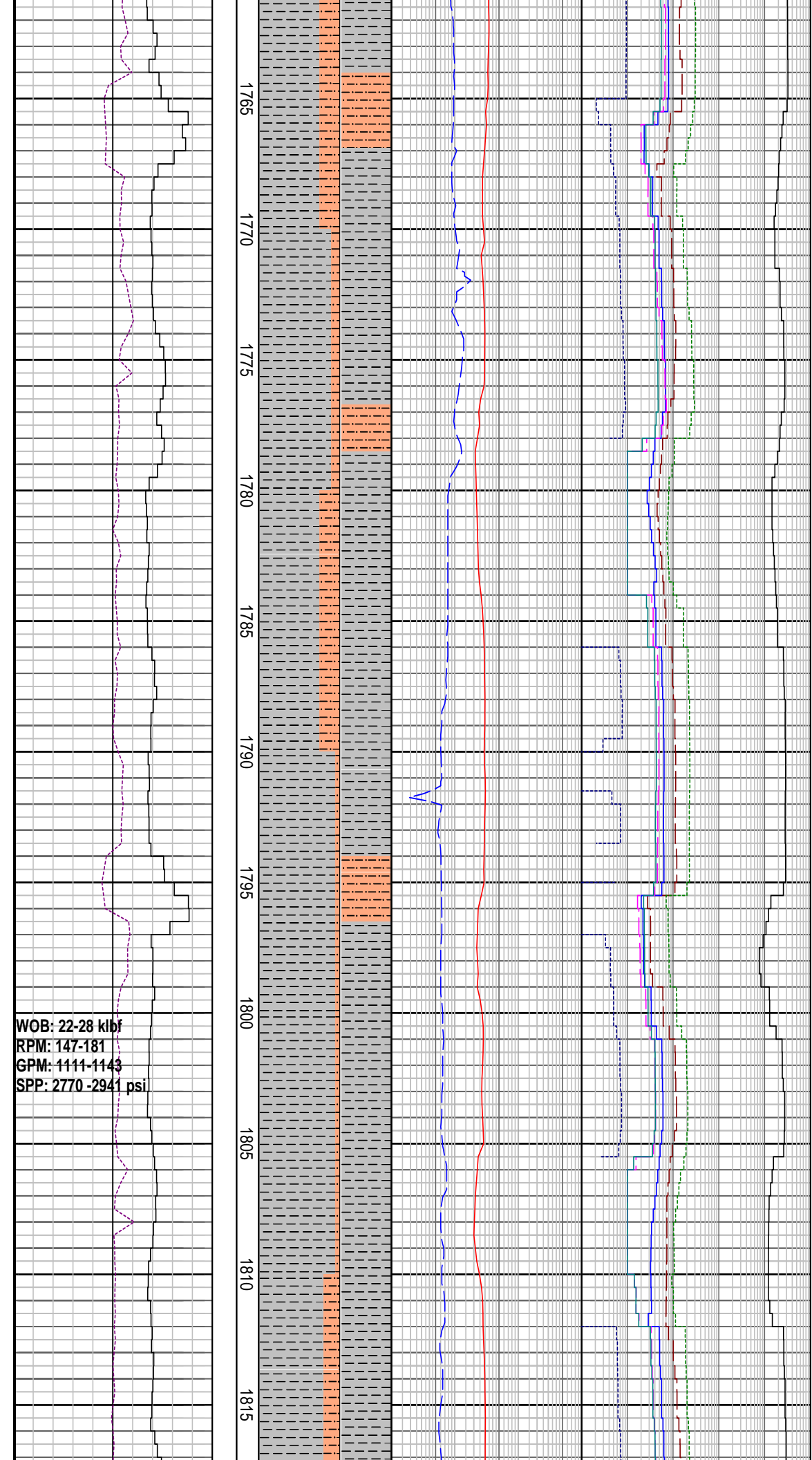
BG 0.33% (1490m-1730m)
99/0/1/0/0

MD: 1753.47m Azi: 336.43°
TVD: 1753.4m Incl: 1.26°

SILTSTONE: m gy-gnsh gy, frm-hd, blky, arg mod calc, tr blk carb lam

CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblky-blky, sli silty, mod-hi calc

SILTSTONE: m gy-gnsh gy, frm-hd, blky, arg mod calc, tr blk carb lam



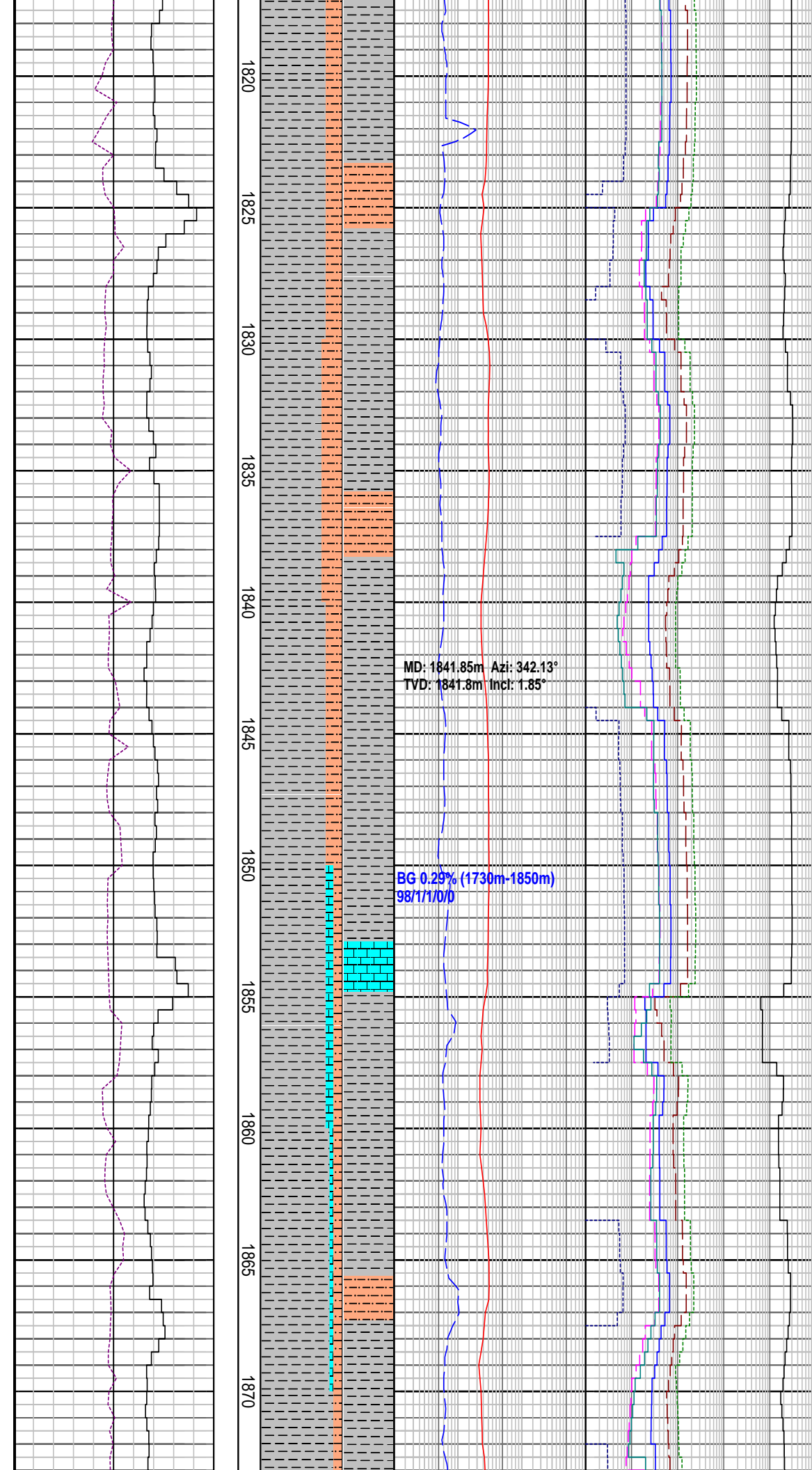
WOB: 22-28 klbf
 RPM: 147-181
 GPM: 1111-1143
 SPP: 2770 -2941 psi

blky, arg mod calc, tr blk carb lam, tr pyr

SILTSTONE: m gy-gnsh gy, frm-hd, blky, arg mod calc, tr blk carb lam, tr pyr

CALCAREOUS CLAYSTONE: dk gy-dk olv gy, sft-mod frm, sbblky-blky, sli slty, mod-hi calc, tr mic filks

MW: 9.1 ppg	FV: 57
PV: 15	YP: 32
Gels: 13/22/26	pH: 8.5

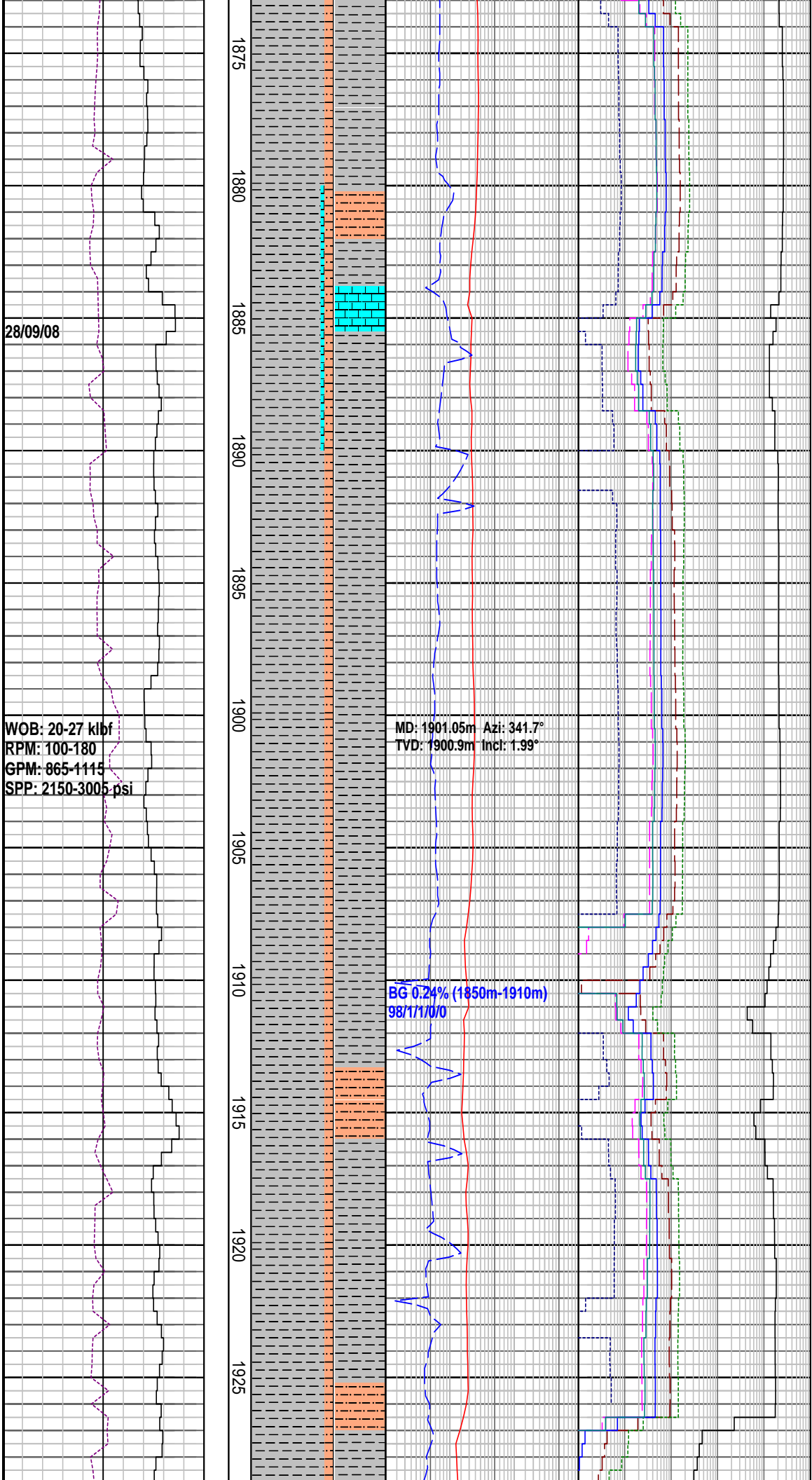


SILTSTONE: m gy-gnsh gy, frm-hd, blk, arg mod calc, tr blk carb lam

SILTSTONE: m gy-gnsh gy, frm-hd, blk, arg mod calc, tr blk carb lam

CALCARENITE: m gy-gnsh gy, sbrndd-blky, frm-mod hd, v f gr, sb ang, tr glau

CALCAREOUS CLAYSTONE: dk gy-olv gy, sft-mod frm, sbblk-blky, sli slty, mod-hi calc



28/09/08

WOB: 20-27 klbf
 RPM: 100-180
 GPM: 865-1115
 SPP: 2150-3005 psi

MD: 1901.05m Azi: 341.7°
 TVD: 1900.9m Incl: 1.99°

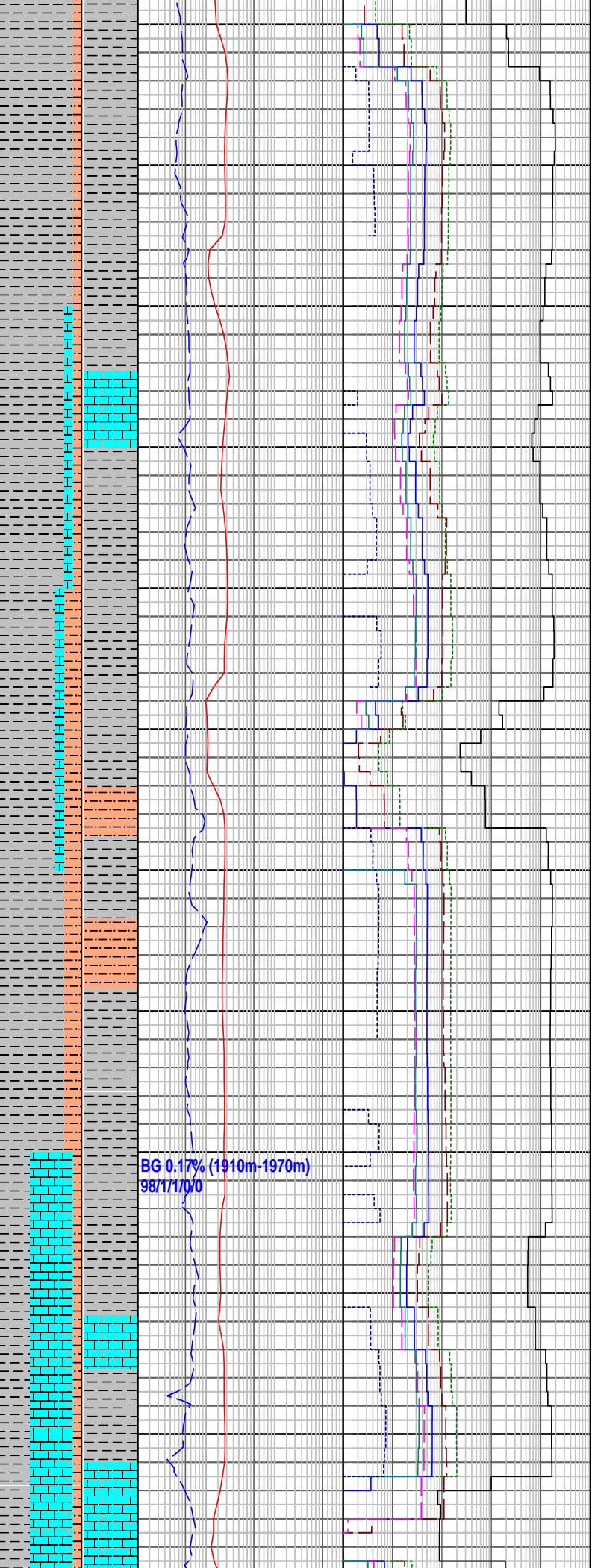
BG 0.24% (1850m-1910m)
 98/171/0/0

CALCARENITE: wh lt gy-gnsh gy, blky, frm-mod hd, amor, f gr mod srt, opq sbang-sbrndd, tr f-med gr glau

CALCAREOUS CLAYSTONE: med lt gy-dk gy, gnsh gy, mod frm, sbbky-blky, tr mic, tr carb flks, mod-hi calc i/p, grdg to ClcIt

SILTSTONE: m gy-gnsh gy, frm-hd, blky, arg mod calc, tr blk carb lam

1930 1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985



CALCARENITE: lt gy-m plv gy, gnsh gy, sbrdd-blky, frm-mod hd, v f gr, sb ang, tr mic

SILTSTONE: m gy-gnsh gy, frm-hd, blky, arg mod-hi calc, tr blk carb lam, tr pyr

CALCULITITE: pl gy-m gy, gnsh gy, sft-frm, sbbky, com cal St

WOB: 20-25 klf
RPM: 141-180
GPM: 1095-1116
SPP: 2735-3080 psi

1985
1990
1995
2000
2005
2010
2015
2020
2025
2030
2035
2040

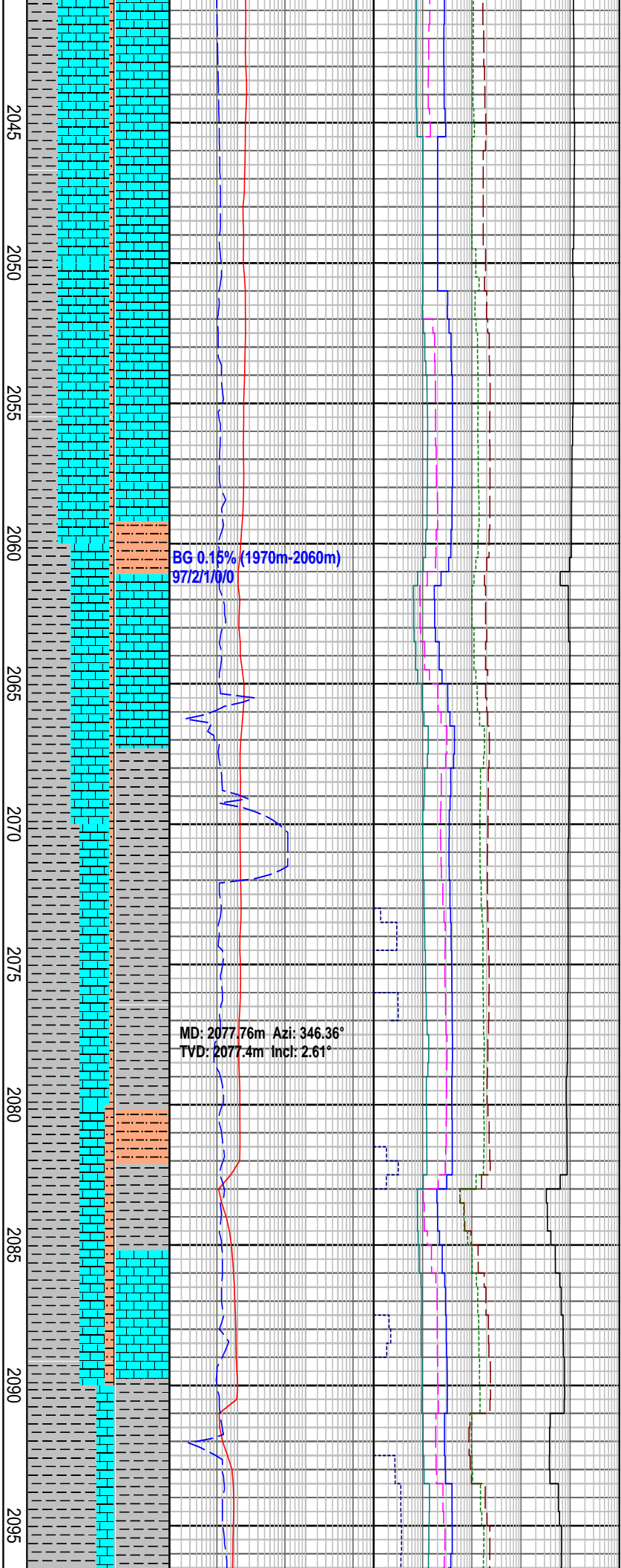
MD: 2018.76m Azi: 344.0°
TVD: 2018.5m Incl: 2.33°

CLAYSTONE: m lt gy-dk gy, gnsh gy, mod frm, sblbly-blky, tr mic, tr carb flks, mod-hi calc i/p, grdg to Clct

MW: 9.3 ppg	FV: 55
PV: 16	YP:33
Gels: 13/26/29	pH: 8.5

CALCULITITE: pl gy-m gy, gnsh gy, sft-frm, sblbly, com cal Sit

SILTSTONE: m gy-gnsh gy, sft i/p, frm-hd, blkly, arg mod-hi calc, tr blk carb lam



CALCULITITE: lt olv gy-lt gy, sft frm, sbbiky, com cal Slit

SANDSTONE: lse, v lt-m gy, clr-trnsp, hd-v hd, f-m, sbrndd-rndd, mod wl srt, non calc, inf vis por, tr pyr

BG 0.15% (1970m-2060m)
9721700

SILTSTONE: mod olv brn, gnsh brn, frm-hd, blk, arg, mod-hi calc, tr blk carb lam

CLAYSTONE: m lt gy-dk gy, gnsh gy, mod frm, sbbiky-blky, tr mic, tr carb flks, mod-hi calc i/p, grgd to Clcit

MD: 2077.76m Azi: 346.36°
TVD: 2077.4m Incl: 2.61°

CLAYSTONE: m lt gy-dk gy, gnsh gy, mod frm, sbbiky-blky, tr mic, tr carb flks, mod-hi calc i/p

WOB: 16-27 kbf
RPM: 145-180
GPM: 1110-1117
SPP: 3065-3167 psi

2100
2105
2110
2115
2120
2125
2130
2135
2140
2145
2150

BG 0.10% (2060m-2100m)
95/2/2/1/0

MD: 2104.62m Azi: 346.40°
TVD: 2104.3m Incl: 2.53°

BG 0.09% (2100m-2127m)
97/4/3/1/0

SILTSTONE: mod olv brn, gnsh brn,
frm-hd, blk, arg, mod-hi calc, tr blk
carb lam

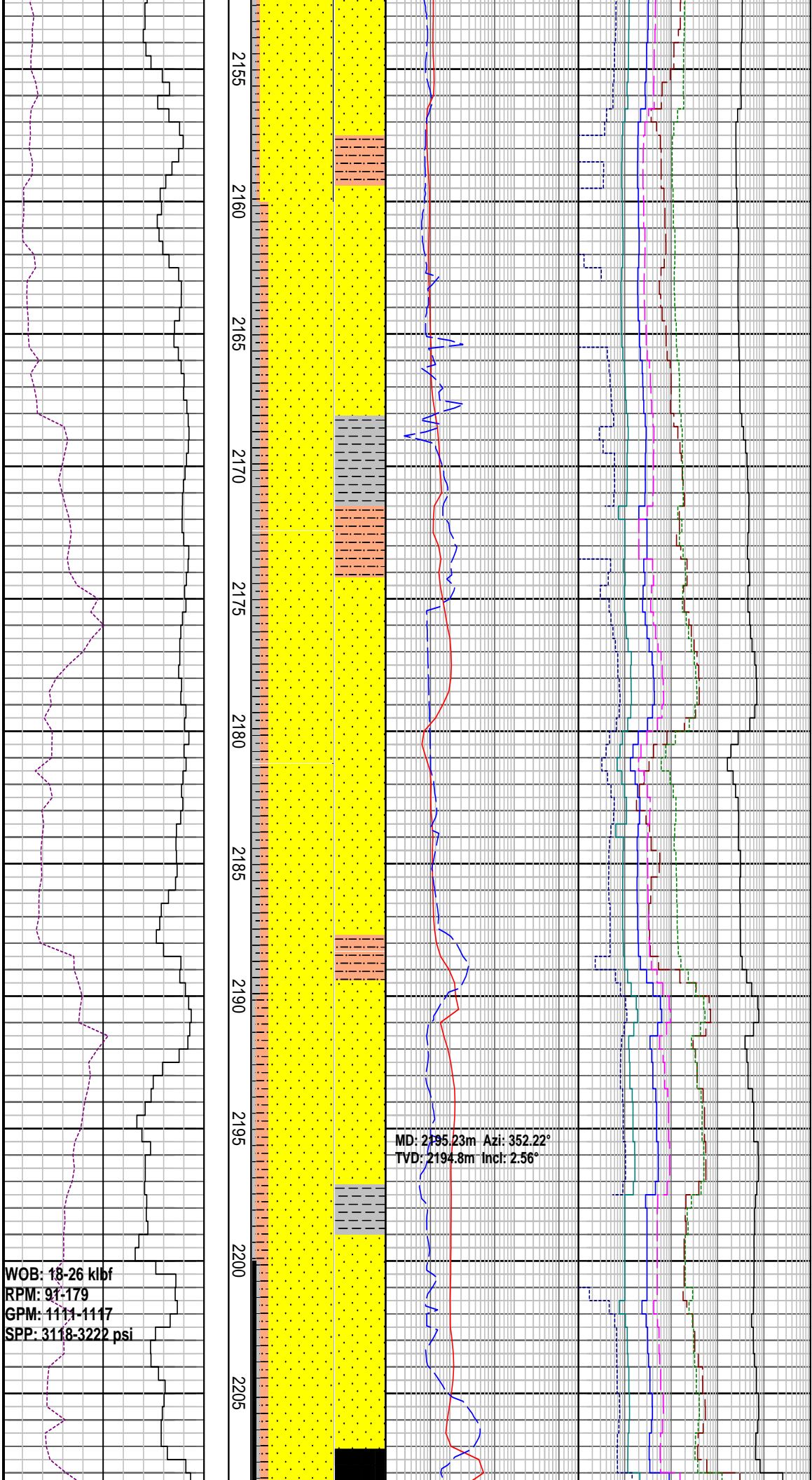
GLAUCONOTIC SANDSTONE: wh-lt
gy, gnsh gy, frm-hd, sbblky, vf-m,
mod srt, sbsng qtz, com dk gy f-m gr,
sbang-rndd galu, frm-hd, calc cmt

COAL : dk brn-blk, hd, ang, conch
frac

SANDSTONE: lse, clr-trnsp, occ opq,
hd-vd, f-m, crs-v crs, v crs qtz gr,
ang-sbrndd i/p, sbsph, pr srt, v inf
por, rr pyr

CLAYSTONE: lt-m gy, mod frm-hd,
sbblky-blk, tr carb flks, tr mic flks,
mod calc

SANDSTONE: lse, clr-trnsp, occ opq,
hd-vd, f-m, crs-v crs, v crs qtz gr,
ang-sbrndd i/p, sbsph, pr srt, v inf
por, rr pyr



SILTSTONE: mod brn-olv gy, frm-hd, blk, arg, n calc

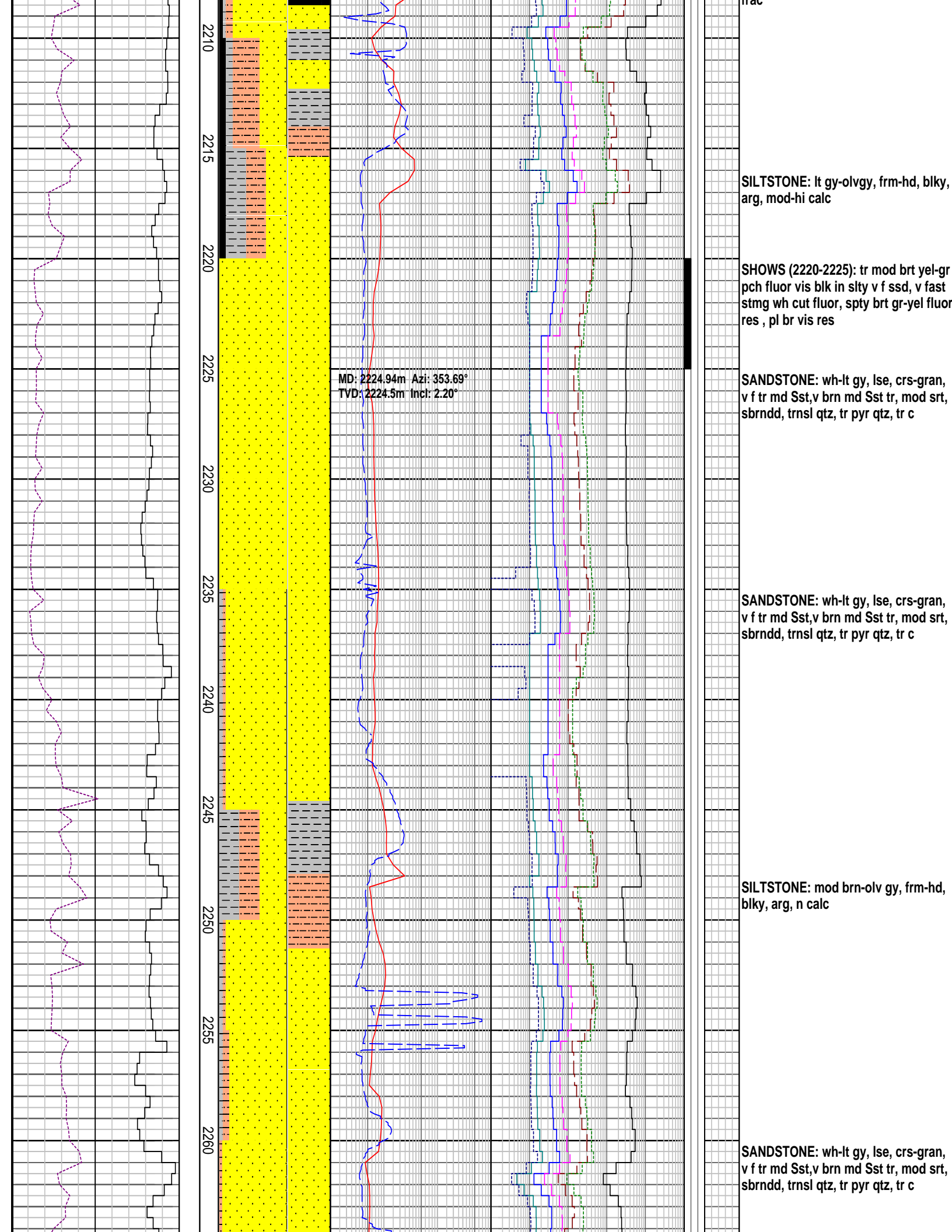
CLAYSTONE: lt-m gy, mod frm-hd, sbbkly-blky, tr carb flks, tr mic flks, mod calc

SANDSTONE: wh-lt gy, lse, crs-gran, v f tr md Sst, v brn md Sst tr, mod srt, sbrndd, trns qtz, tr pyr qtz, tr c

SILTSTONE: mod brn-olv gy, frm-hd, blk, arg, n calc

CLAYSTONE: lt-m gy, mod frm-hd, sbbkly-blky, tr carb flks, tr mic flks, mod calc

COAL : dk brn-blk, hd, ang, conch frac



2210
2215
2220
2225
2230
2235
2240
2245
2250
2255
2260

MD: 2224.94m Azi: 353.69°
TVD: 2224.5m Incl: 2.20°

SILTSTONE: lt gy-olvgy, frm-hd, blk, arg, mod-hi calc

SHOWS (2220-2225): tr mod brt yel-gr pch fluor vis blk in slty v f ssd, v fast strng wh cut fluor, spty brt gr-yel fluor res, pl br vis res

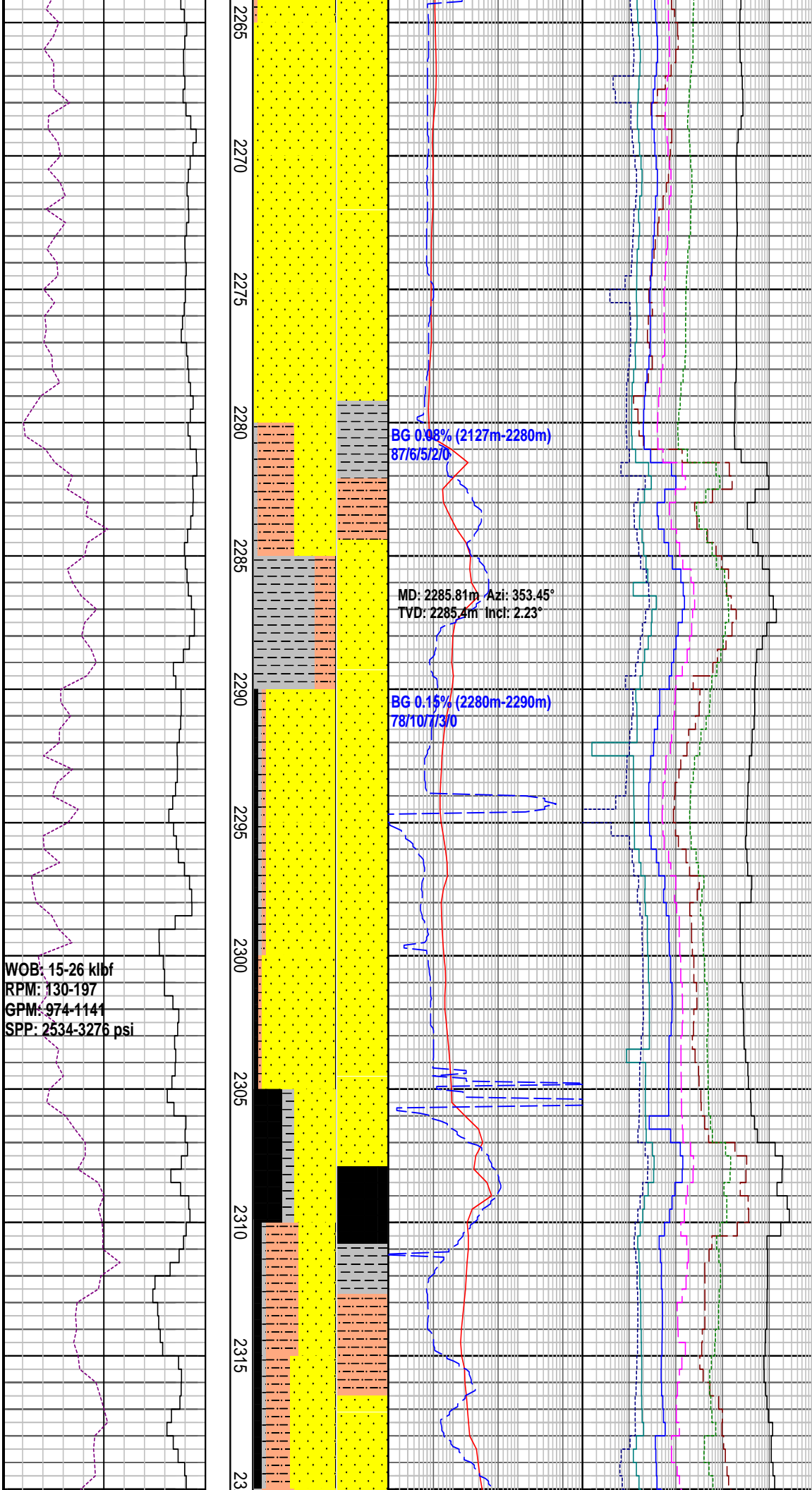
SANDSTONE: wh-lt gy, lse, crs-gran, v f tr md Sst, v brn md Sst tr, mod srt, sbrndd, trnsl qtz, tr pyr qtz, tr c

SANDSTONE: wh-lt gy, lse, crs-gran, v f tr md Sst, v brn md Sst tr, mod srt, sbrndd, trnsl qtz, tr pyr qtz, tr c

SILTSTONE: mod brn-olv gy, frm-hd, blk, arg, n calc

SANDSTONE: wh-lt gy, lse, crs-gran, v f tr md Sst, v brn md Sst tr, mod srt, sbrndd, trnsl qtz, tr pyr qtz, tr c

MW: 9.3 ppg FV: 82
PV: 23 YP:38
Gels: 11/19/25 pH: 8.5



WOB: 15-26 klbf
RPM: 130-197
GPM: 974-1141
SPP: 2534-3276 psi

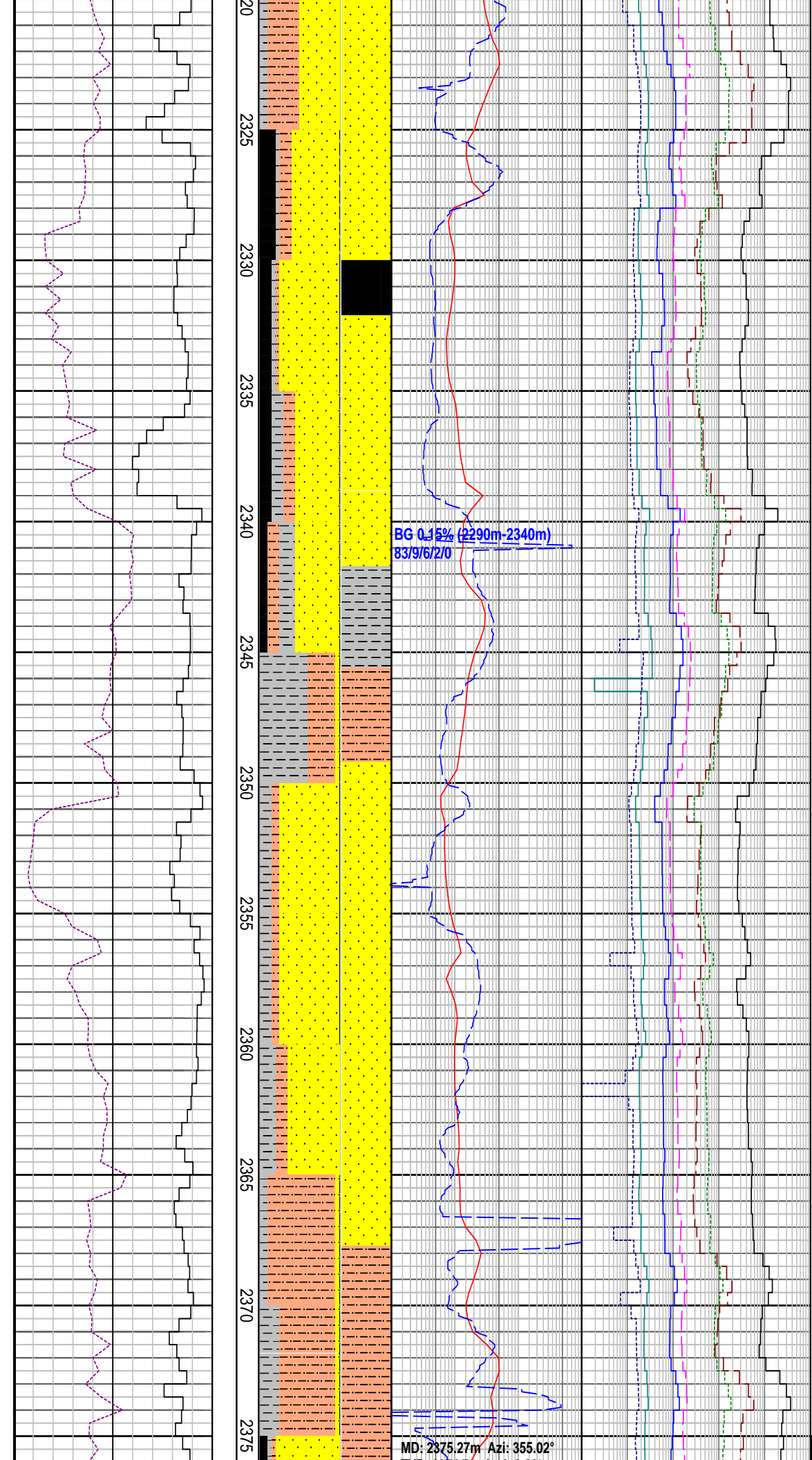
CLAYSTONE: lt-m gy, mod frm-hd, sbbkly-blky, tr carb flks, tr mic flks, mod calc

SILTSTONE: mod brn-olv gy, frm-hd, blky, arg, n calc

SANDSTONE: wh-lt gy, lse, crs-gran, v f tr md Sst, v brn md Sst tr, mod srt, sbrndd, trnsl qtz, tr pyr qtz, tr c

COAL : dk brn-blk, hd, ang, conch frac

SILTSTONE: mod brn-olv gy, frm-hd, blky, arg, n calc



SANDSTONE: wh-lt gy, lse, crs-gran, v f tr md Sst, v brn md Sst tr, mod srt, sbrndd, trnsl qtz, tr pyr qtz, tr c

COAL : dk brn-blk, hd, ang, conch frac

CLAYSTONE: lt gy- m gy, mod frm, sbbkly-blky, sli slit, tr mic, tr carb flks, mod-hi calc i/p

SILTSTONE: mod brn-olv gy, frm-hd, blk, arg, n calc

SANDSTONE: wh-lt gy, lse, crs-gr, v f tr md Sst, v brn md Sst tr, mod srt, sbrndd, trnsl qtz, tr pyr qtz, tr c

MW: 9.5 ppg	FV: 58
PV: 18	YP:31
Gels: 12/20/23	pH: 8.5

SILTSTONE: mod brn-olv gy, frm-hd, blk, arg, n calc

SHOWS (2375-2380): tr mod brt gr-yel

TVD: 2374.7m Incl: 2.22°

p.p fluor in sltst, sl blmg dull bl-wh cut fluor, pl bl-gr mod wide spty fluor res ring, nil vis res

SANDSTONE: lse, clr-trnsp, uncon, hd-v hd, f-crs, occ crs, sbrndd-rndd, sbsph, mod wl srt, inf vis por, tr pyr

SILTSTONE: mod olv brn-dk gy, frm-hd i/p, blk, arg, carb lam, n calc

SANDSTONE: lse, clr-trnsp, hd-v hd, v-f, sbrndd-rndd, mod wl srt, wl cmt, non calc, inf vis por, tr pyr

SHOWS (2405-2440): tr dull-mod brt pksh yel p.p. fluor in f ssd agg, sl blmg dull-mod brt bl-wh cut fluor, th dull-mod brt bl-wh fluor res ring, nil vis res

CLAYSTONE: lt gy- m gy, mod frm, disp i/p, sbbkly-blky, sli slt, tr mic, tr carb flks, mod calc

SANDSTONE: lse, clr-trnsp, hd-v hd, f-m, sbrndd-rndd, mod wl srt, non calc, inf vis por, tr pyr

SILTSTONE: mod olv brn-dk gy, frm-hd i/p, blk, arg, glau i/p, n calc

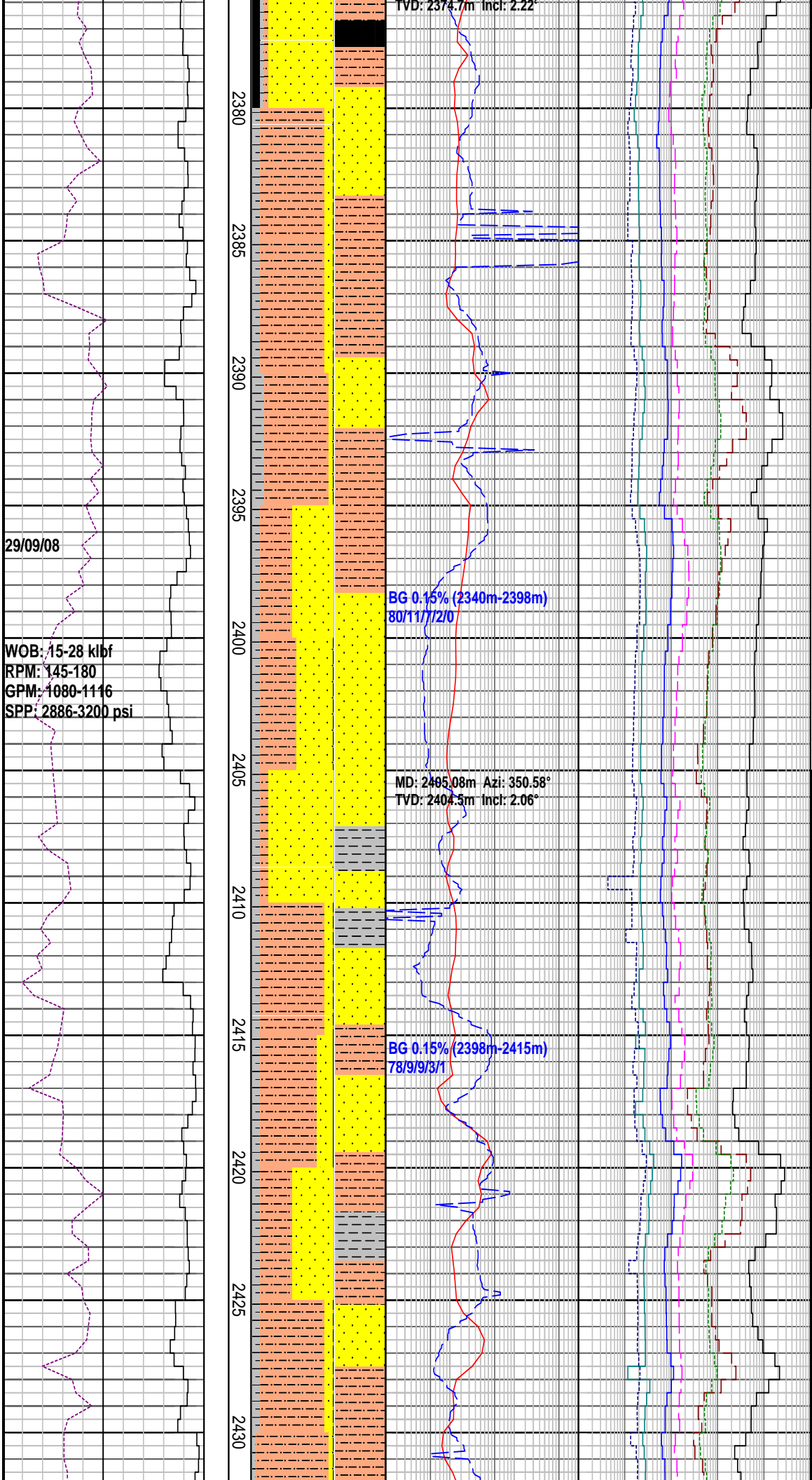
2380
2385
2390
2395
2400
2405
2410
2415
2420
2425
2430

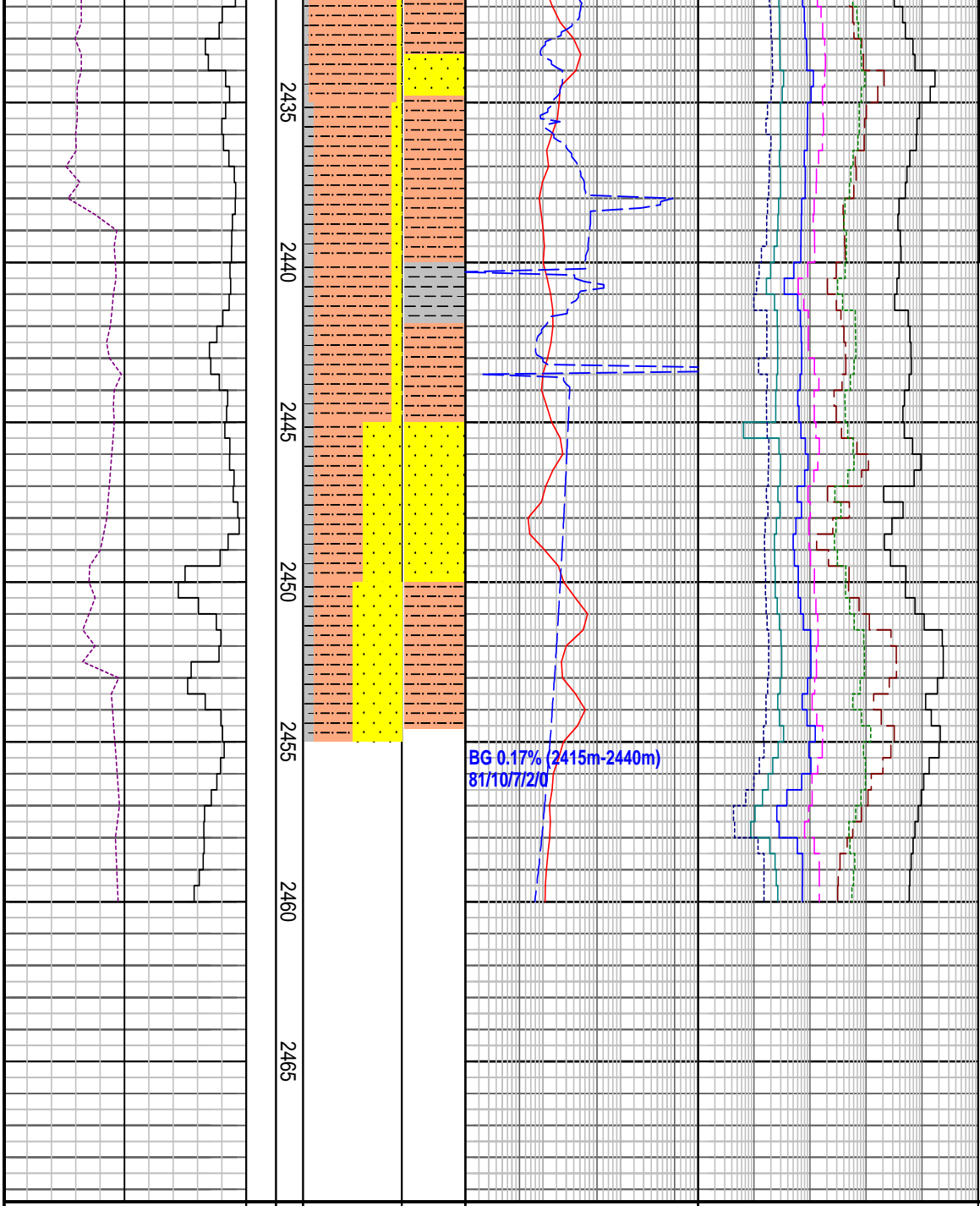
29/09/08
WOB: 15-28 klbf
RPM: 145-180
GPM: 1080-1116
SPP: 2886-3200 psi

BG 0.15% (2340m-2398m)
80/11/7/2/0

MD: 2405.08m Azi: 350.58°
TVD: 2404.5m Incl: 2.06°

BG 0.15% (2398m-2415m)
78/9/9/3/1





SANDSTONE: lse, v lt-m gy, clr-trnsp, hd-v hd, f-m, sbrnrd-rnrd, mod wl srt, n calc, inf vis por, tr pyr

CLAYSTONE: lt gy- m gy, mod frm, sbblky-blky, sli slit, tr mic, tr carb flks

SANDSTONE: lse, lt-m gy, clr-trnsp, frm-hd, f-m, wl srt sbang qtz, sbrnrd-rnrd, mod srt, tr mic slty mtrx, com carb lam, n calc, inf vis por, tr xln pyr

SILTSTONE: mod olvbrn-m gy, frm-mod hd, blky, arg-carb non calc, tr mic flks, tr carb lam, n calc

FORMATION EVALUATION LOG

Drilling Rate		CORE	LITHOLOGY %	INTERPRETED LITHOLOGY	TOTAL GAS & RESISTIVITY		CHROMATOGRAPH		Oil Show	Calcimetry	Lithology Description
ROP (m/hr)	WEIGHT ON BIT (klbf)				ROP Backup (m/hr)	Total Gas %	Resistivity Deep	Methane ppm			
200	160	MD meters 1:200			0.1	0.1	0.1	0.1	P F G	CaCO3 % 0 100	
120	80		40	0.1	1	10	0.1	0.1			
10	20		30	40	50	0.2	200	0.1			
					ohm.m		iso-Butane ppm	10000		MgCO3 %	
							n-Butane ppm	10000		100 0	
							iso-Pentane ppm	10000			
							n-Pentane ppm	10000			