

FORMATION EVALUATION LOG



STATOIL_FEL.UPF

Well : 6506/11-8

Well name	: 6506/11-8	Location lat	: 65 deg 07' 13.58" N	Rig Name	: WEST ALPHA
Client name	: STATOIL	Location long	: 06 deg 26' 49.31" E	Rig Type	: SEMISUB
Field	: MORVIN	UTM loc [N] (m)	: 7 224 481 mN	Contractor	: SMEDVIG/SEADRILL
Country	: NORWAY	UTM loc [E] (m)	: 380 172 mE		
Area	: Haltenbanken			Total Depth (m)	: 4989.00
Block	: 6506/11	Spud Date	: March 24th 2006	TVD (m)	: 4987.60
				RT - MSL (m)	: 18
		TD reached	: July 2nd 2006	MSL - Seabed (m)	: 380
				Depth Reference	: ROTARY TABLE

Plot Scale : 1: 500

Generated by geoNEXT Package

	Claystone		Calcareous claystone		Dolomitic claystone		Silty claystone		Sandy claystone		Marl		Shale
	Limestone		Arg limestone		Sandy limestone		Dolomitic limestone		Dolomite		Arg dolomite		Sandy dolomite
	Siltstone		Arg siltstone		Fine sandstone		Medium sandstone		Coarse sandstone		Arg sandstone		Calc sandstone
	Coal-lignite		Evaporite		Halite		Anhydrite		Gypsum		Tuff		Volcanic rock
	Glauconite		Mica		Pyrite		Fossils fragments		Broken shells		Wood silicified		Chert nodules
	Survey		Mud gain		Mud loss		Core		Sidewall core		RFT		Casing shoe

TG	Trip Gas	CG	Pipe connection gas
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[illegible]

RPM. 62

F/R: 4067 lpm

TRQ: 5kNm

~~\$PP: 101 bar~~

Bit # 1 out at 448mMD

Made 50m in 4.42 hrs

1-1-NO- -E-I-NO-TD

Bit # 2 in at 448mMD

Security\DBS 26"

EBXT02SPLC

2x16, 1x20, 1x16

481.0mMD 480.99mTVD

Inc 0.39 Az 157.61

508.0mMD 507.99mTVD

Inc 0.37 Az 128.93

536.0mMD 536.0mTVD

Inc 0.63 Az 85.98

WOB: 12t

RPM: 75

F/R: 4603 km

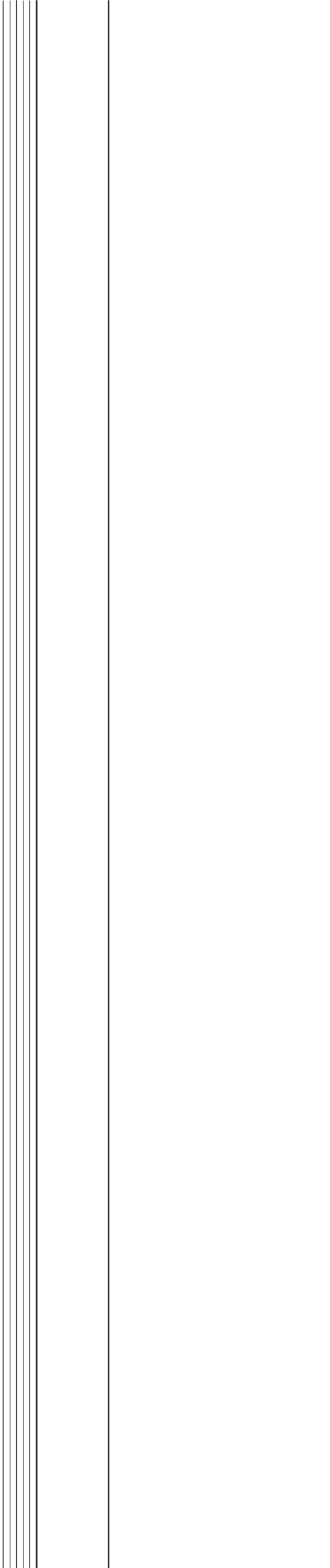
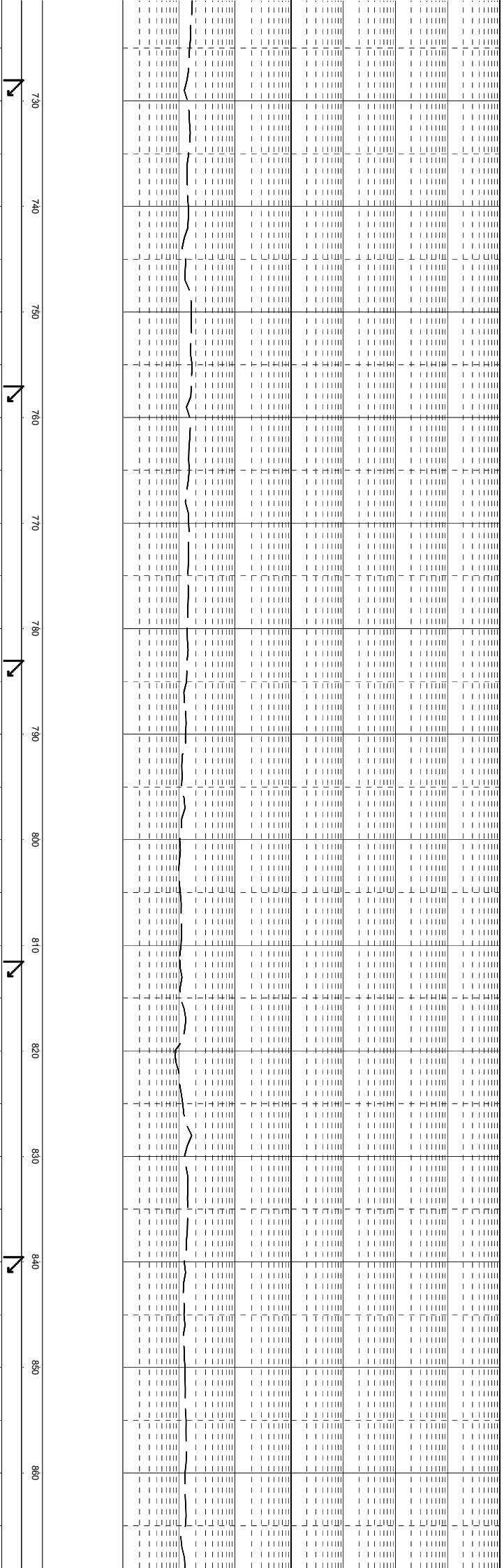
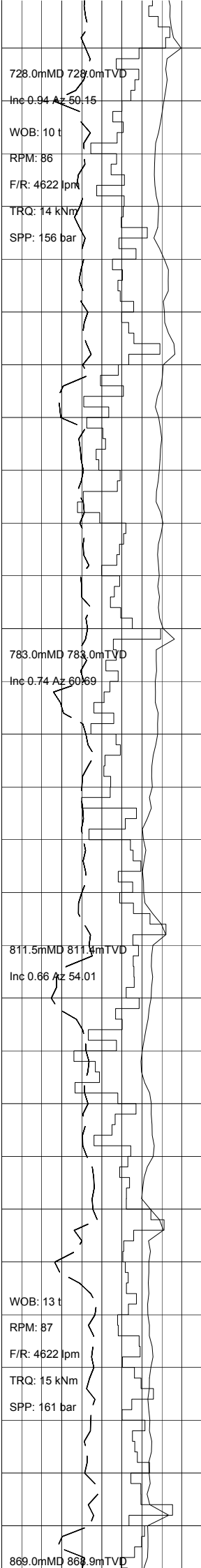
TRQ: 14 kNm

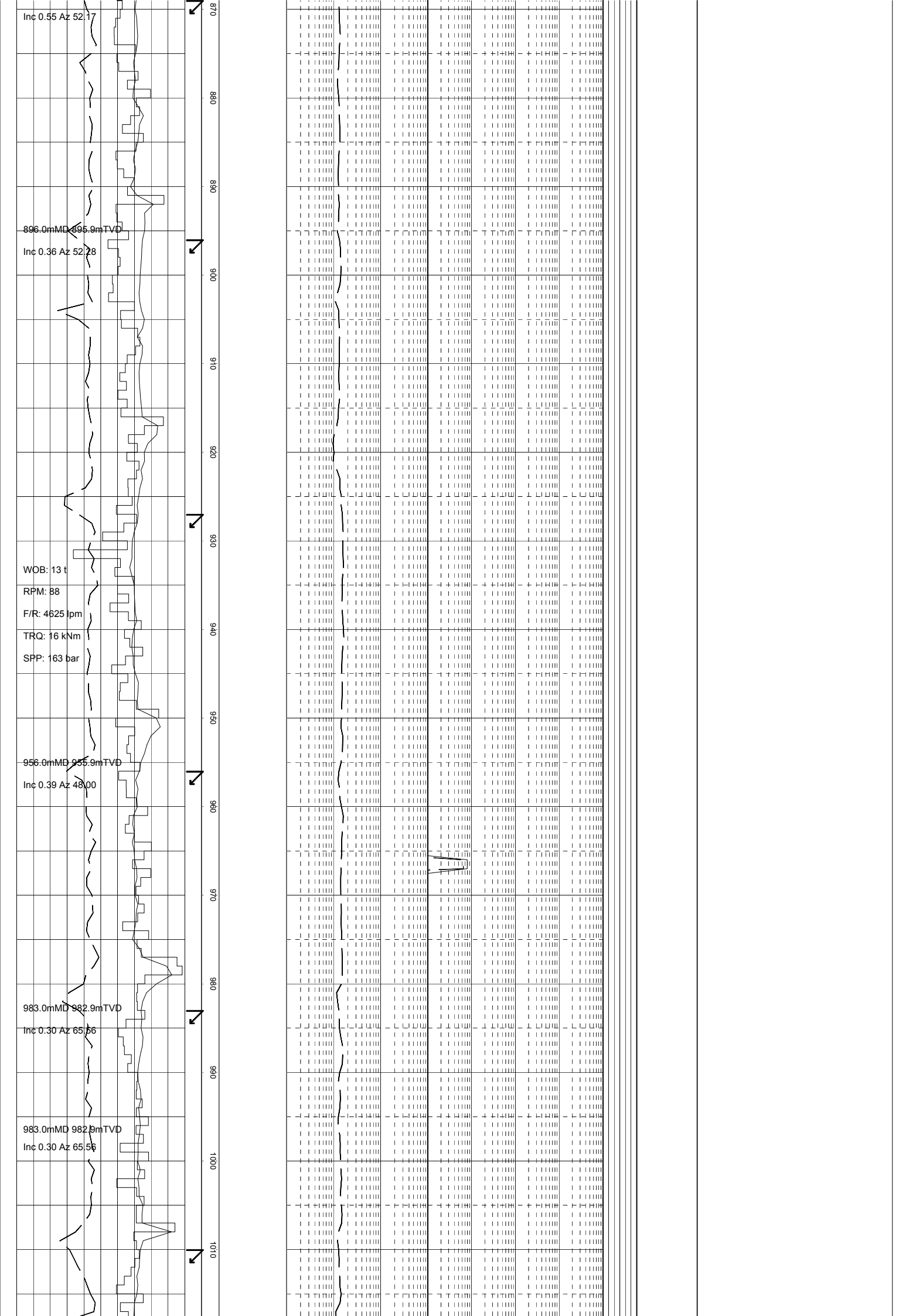
SPP: 152 bar

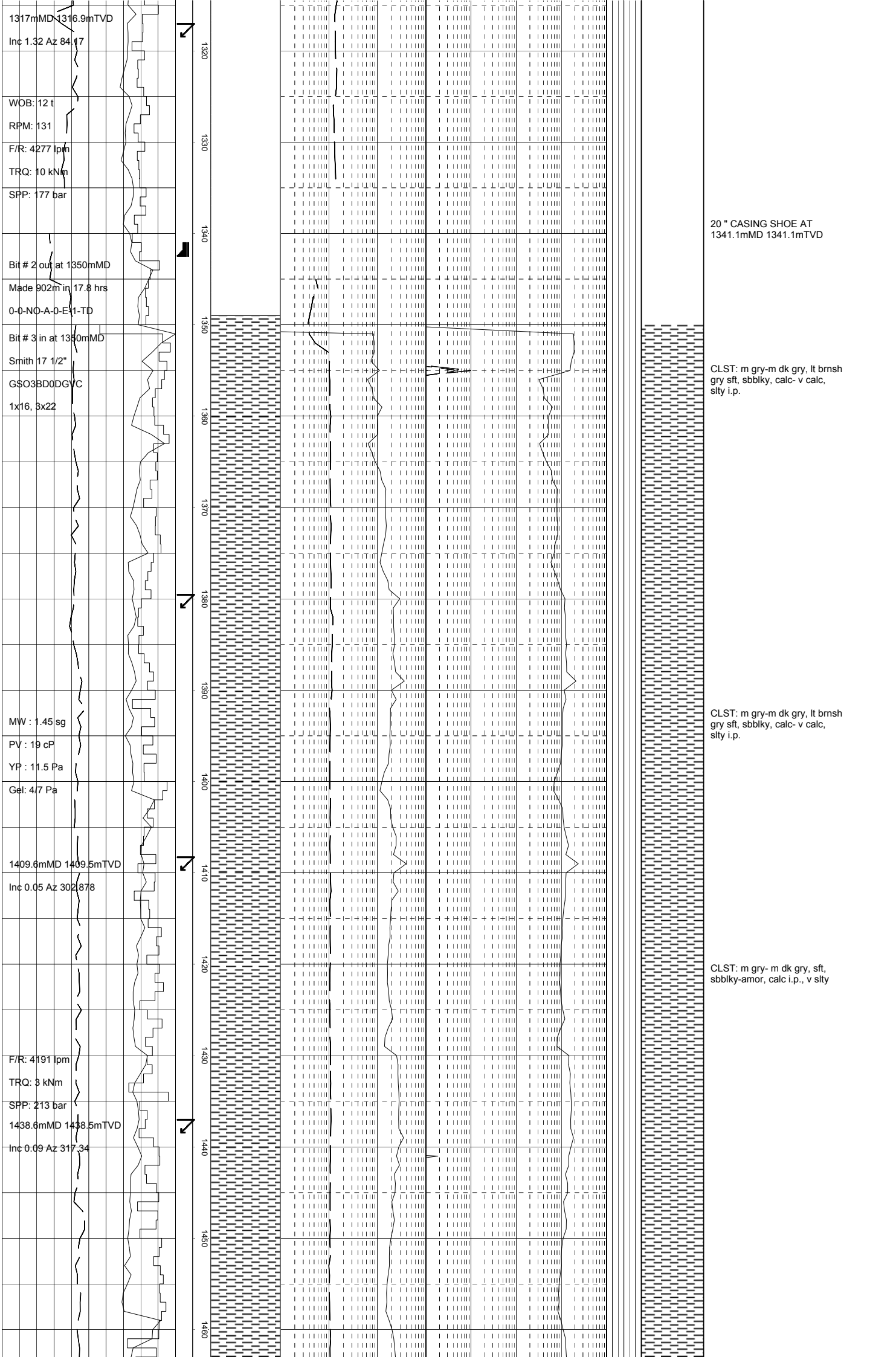
563.0mMD 563.0mTVD

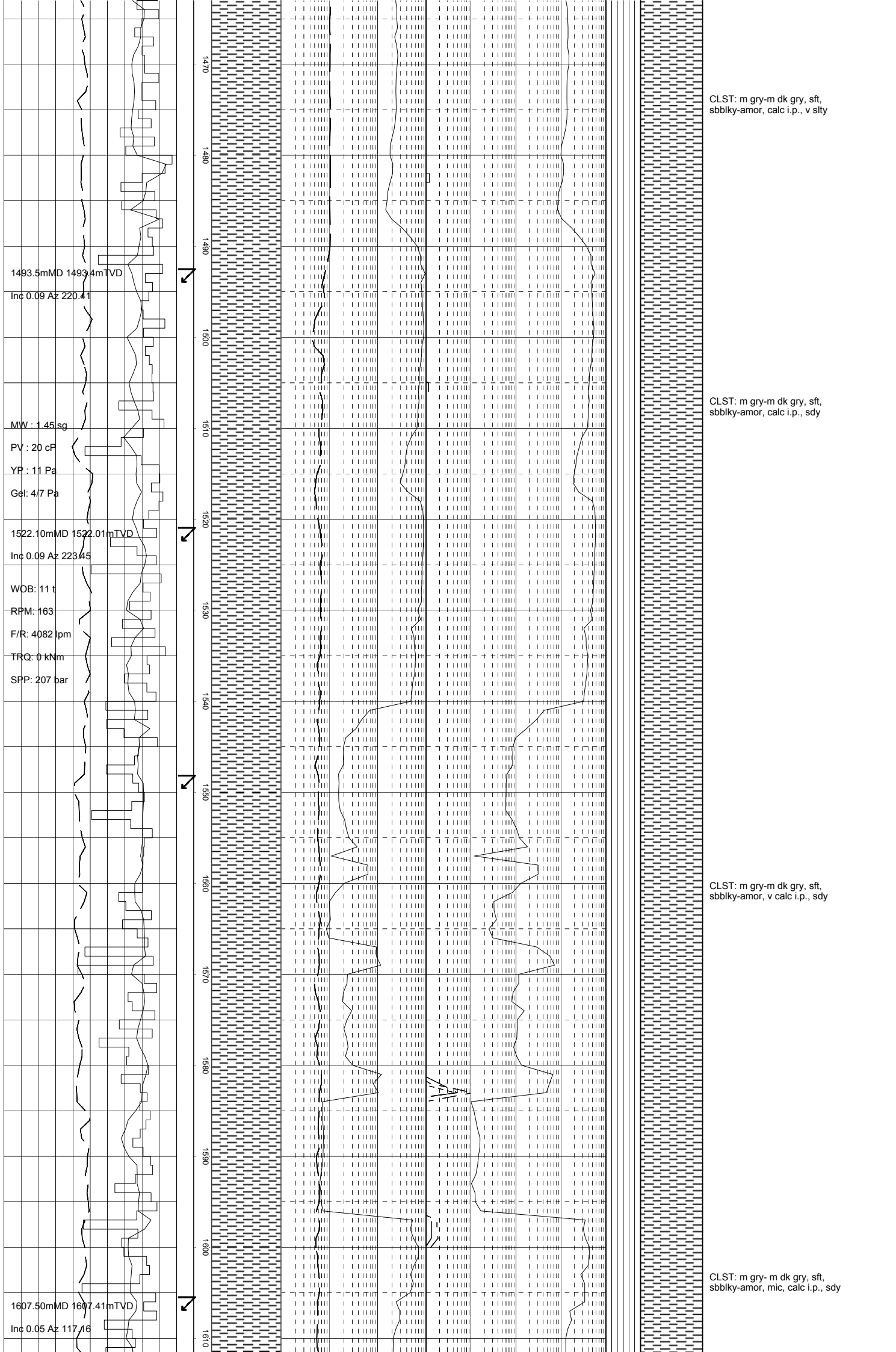
Inc 1.09 Az 88/26

30 " CASING SHOE AT
446.0mMD 446.0mTVD







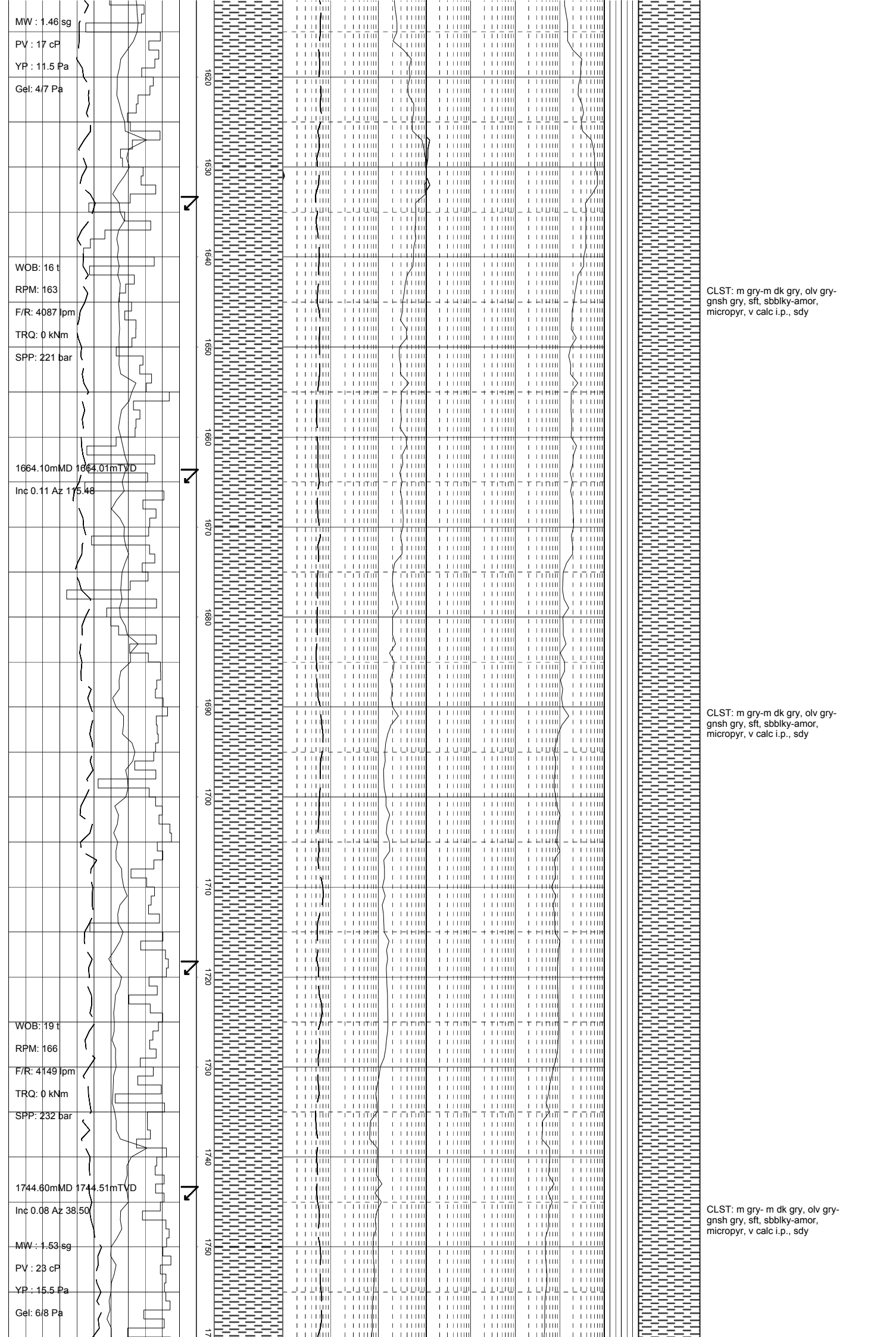


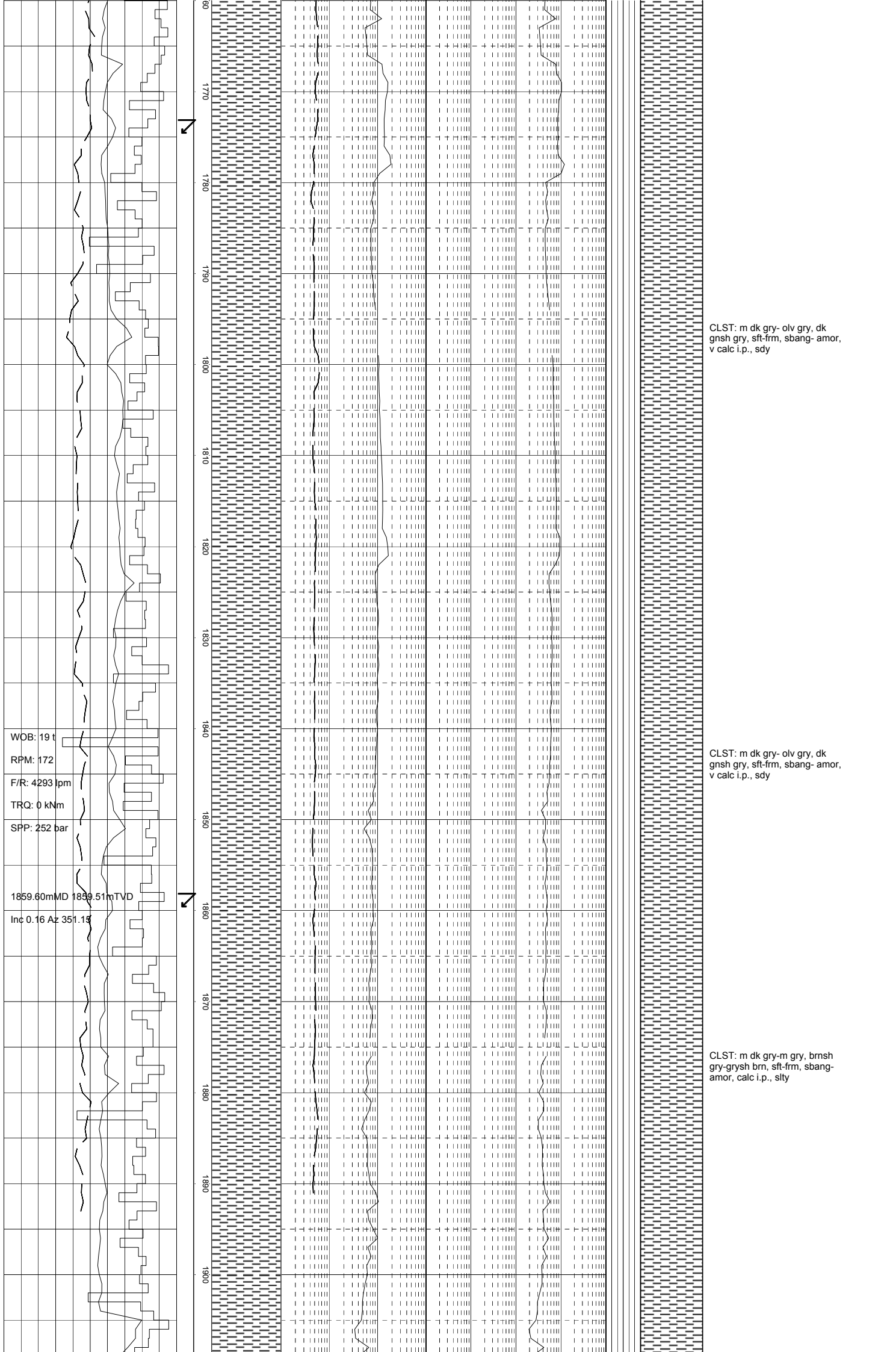
CLST: m gry-m dk gry, sft,
sbblky-amor, calc i.p., v slty

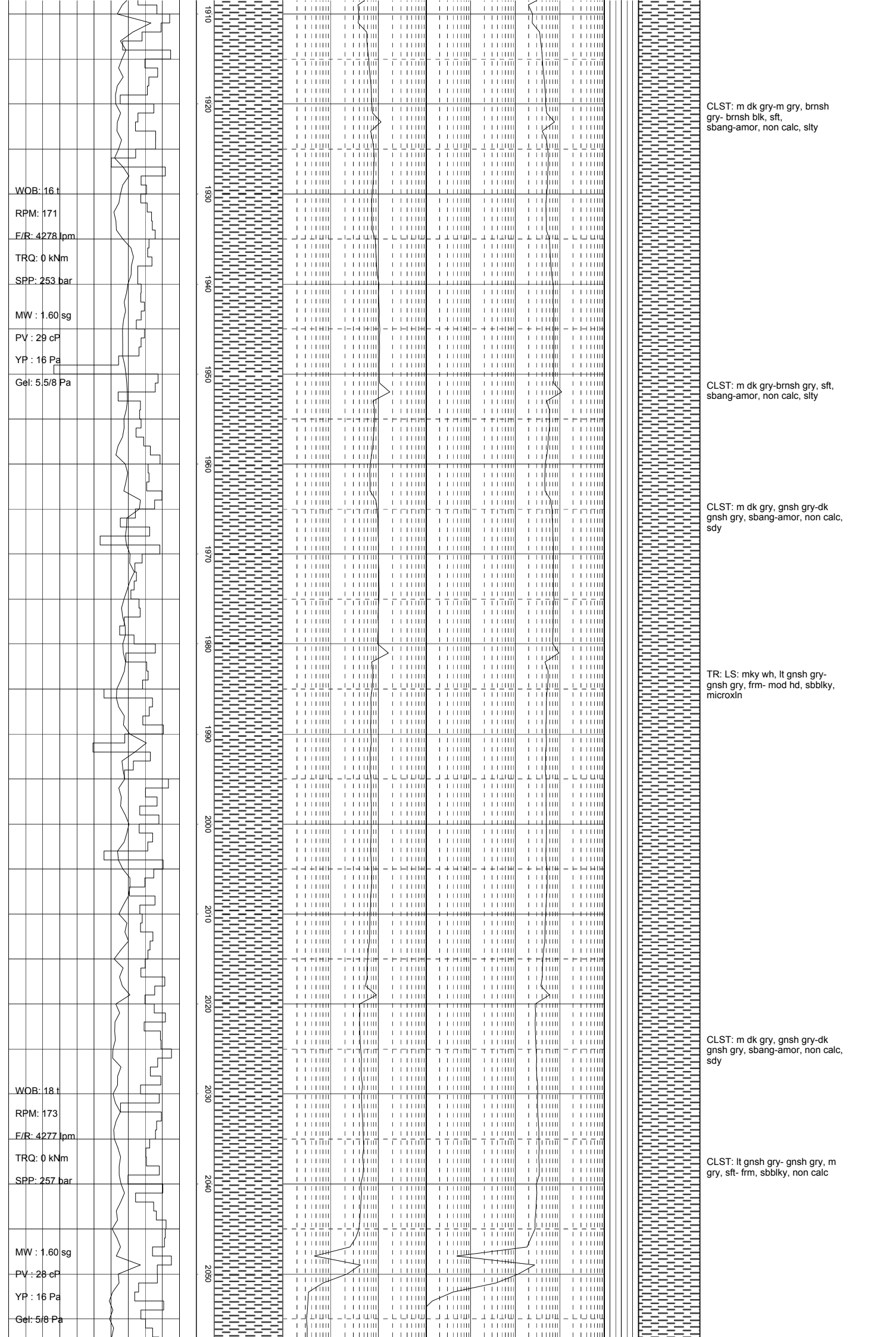
CLST: m gry-m dk gry, sft,
sbblky-amor, calc i.p., sdy

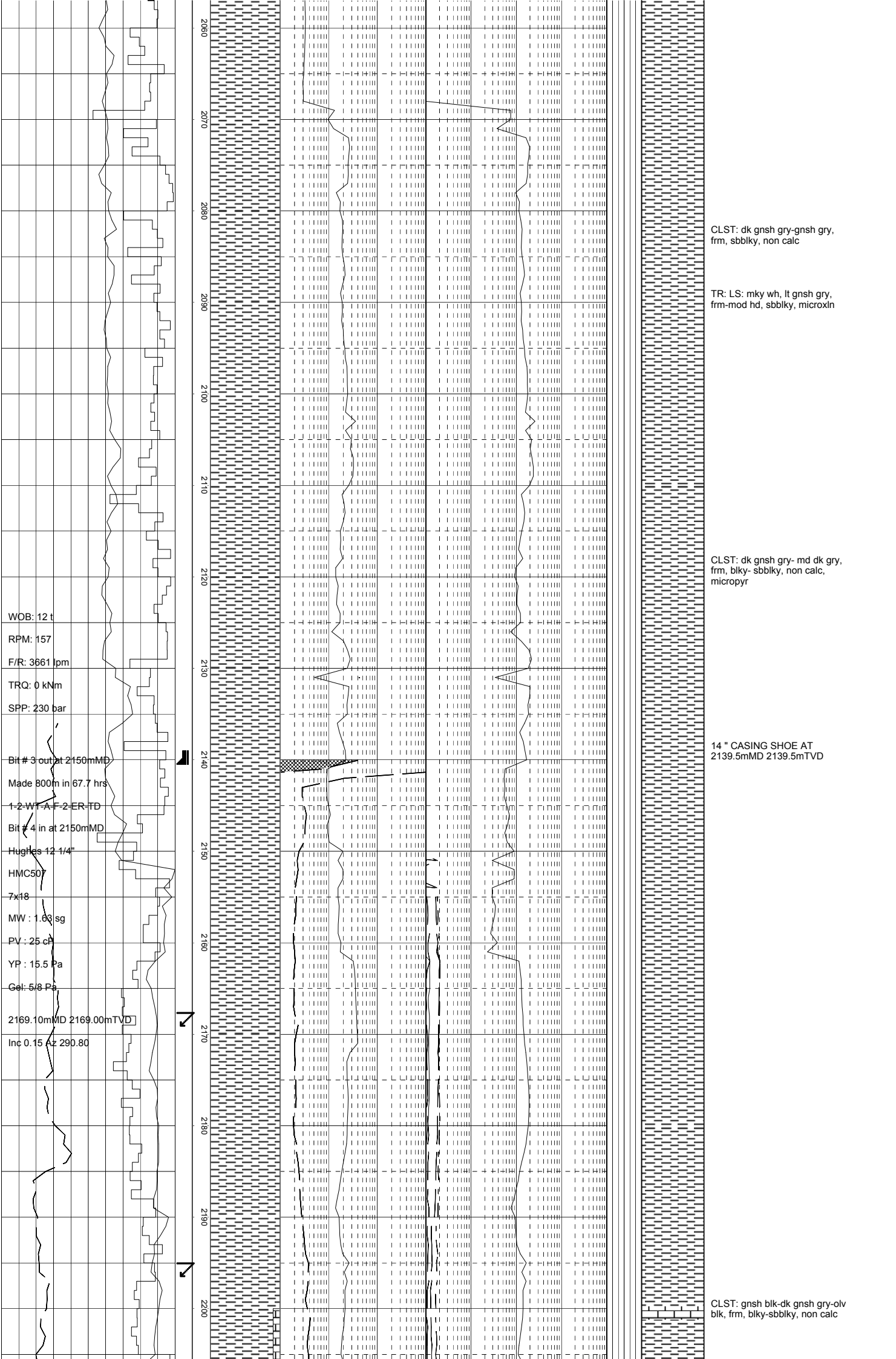
CLST: m gry-m dk gry, sft,
sbblky-amor, v calc i.p., sdy

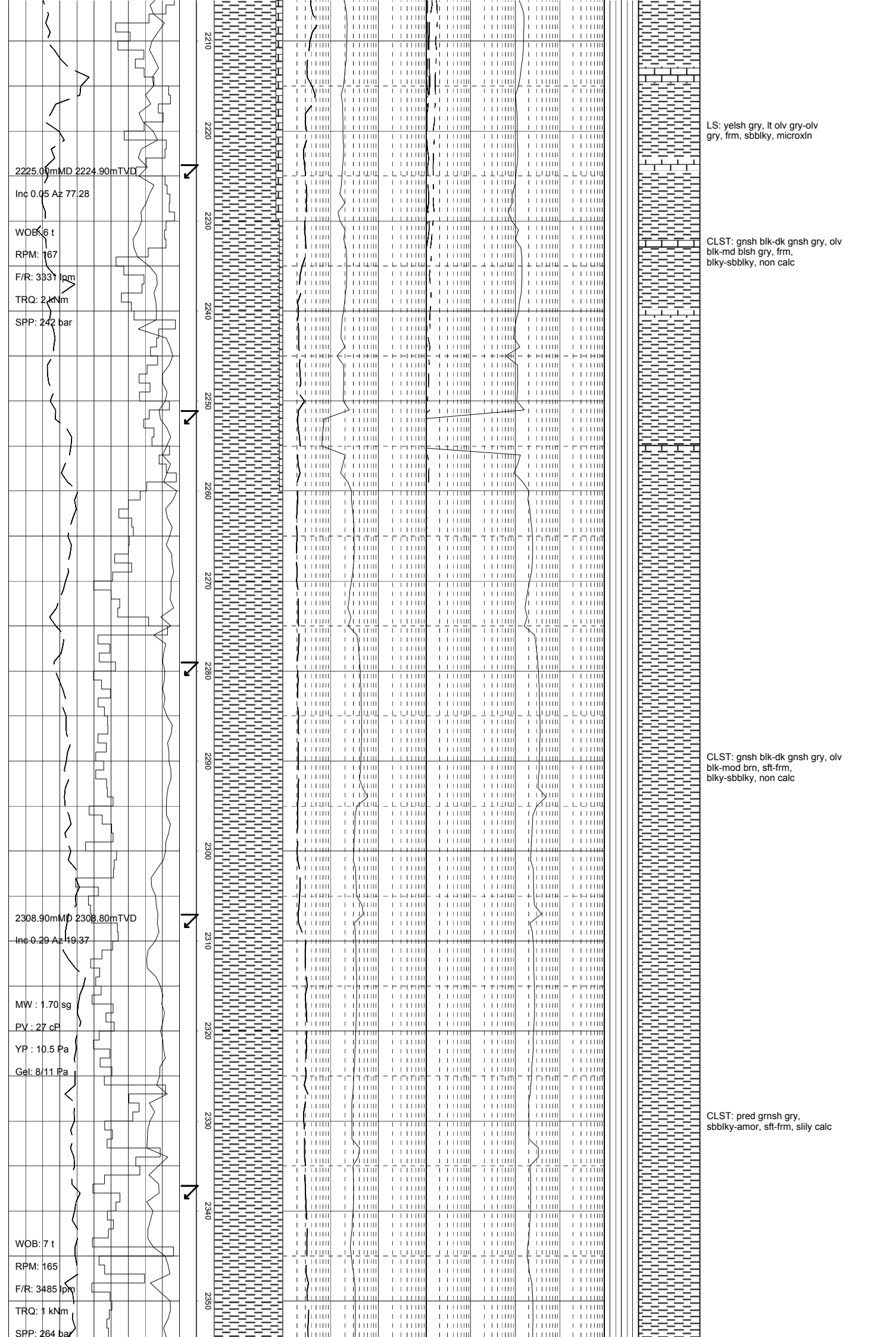
CLST: m gry- m dk gry, sft,
sbblky-amor, mic, calc i.p., sdy

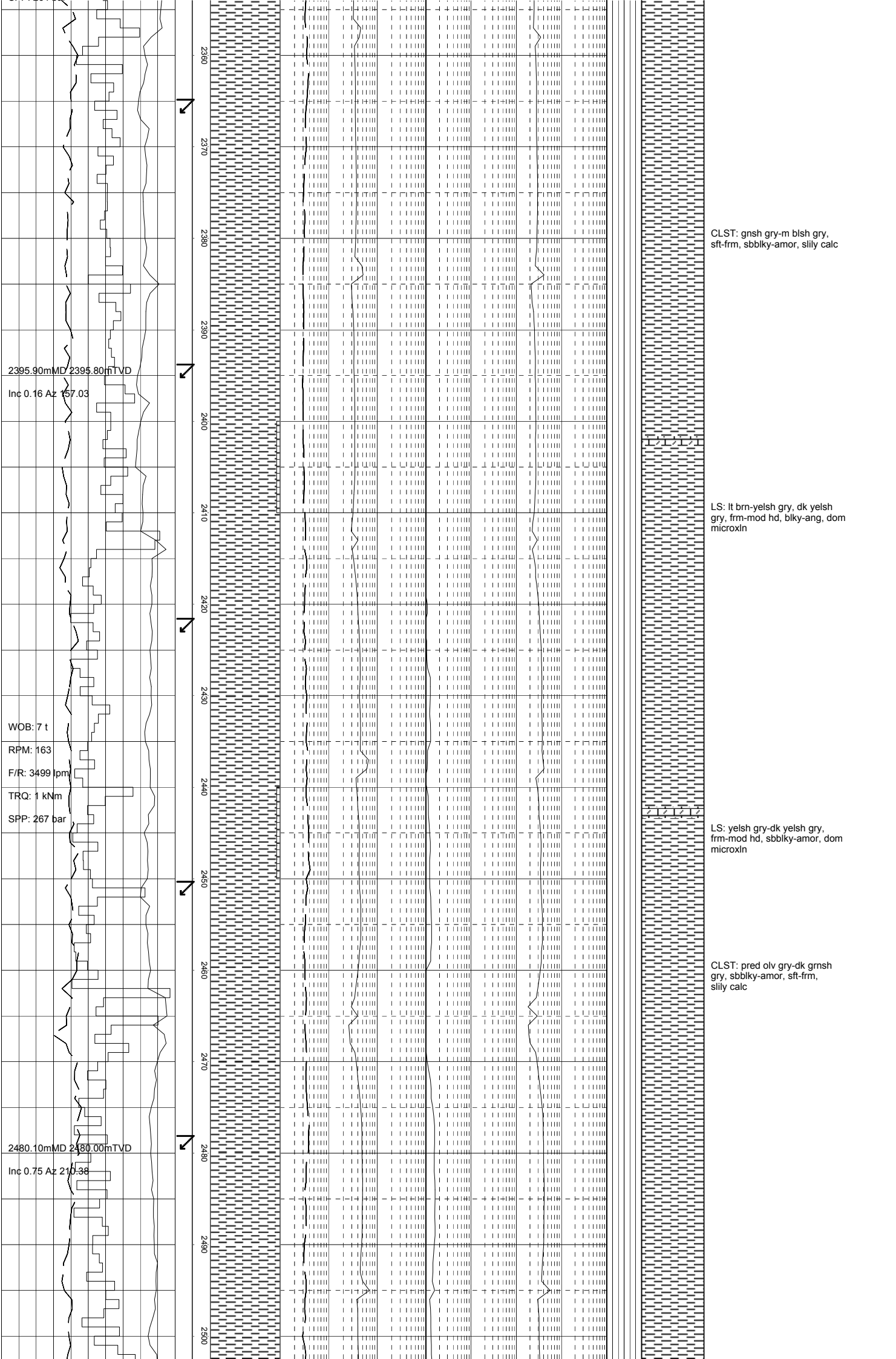


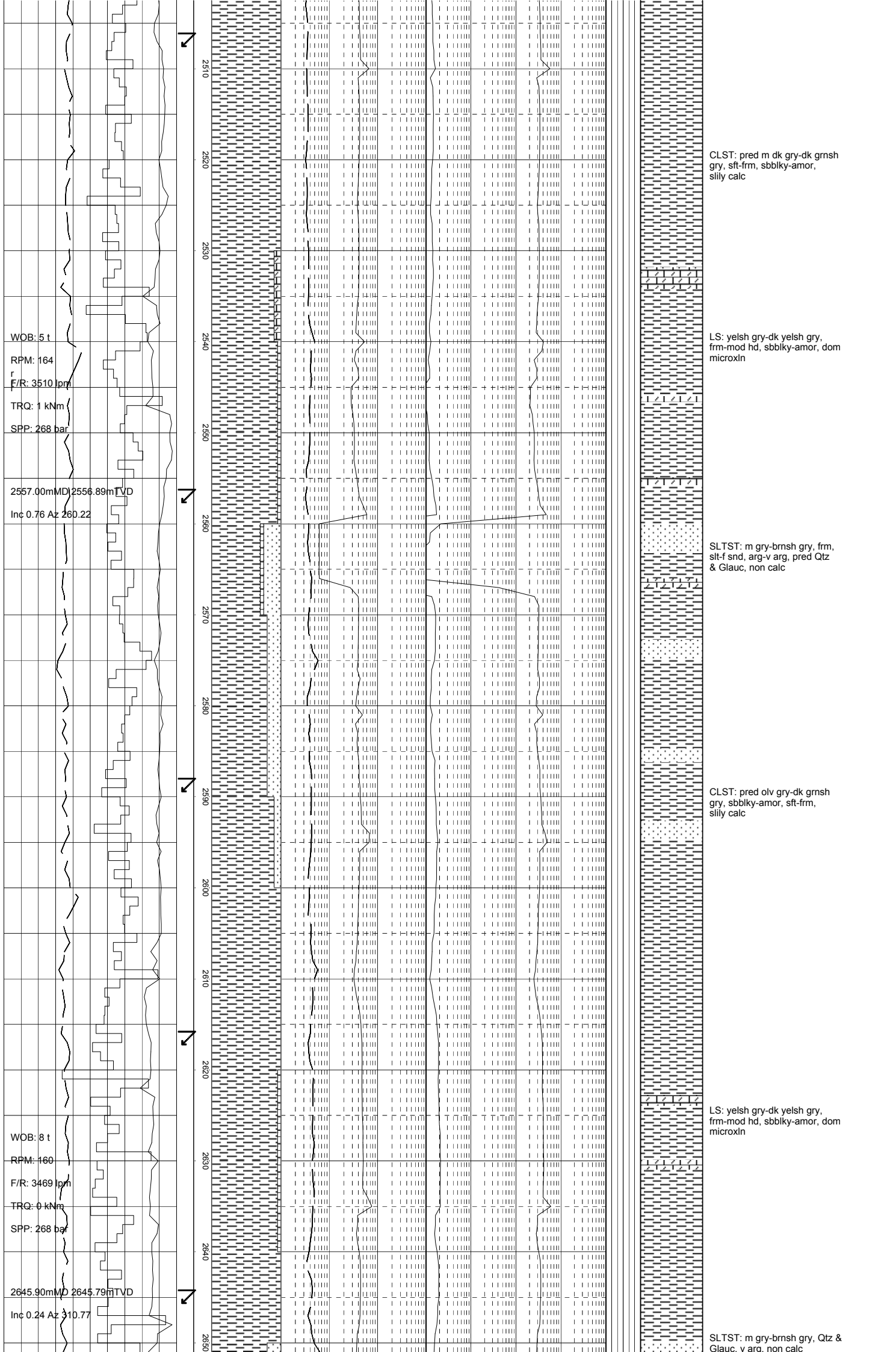


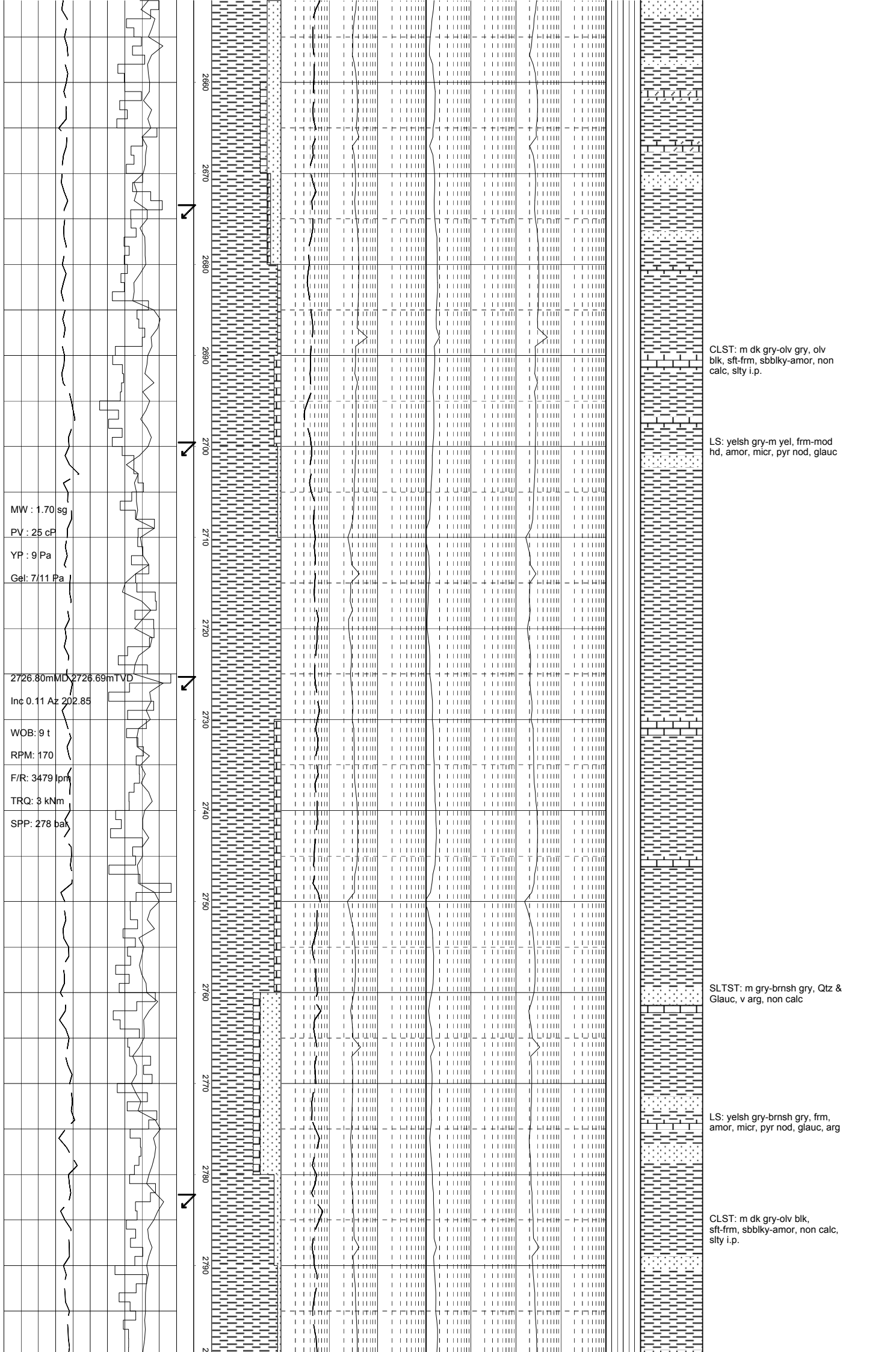


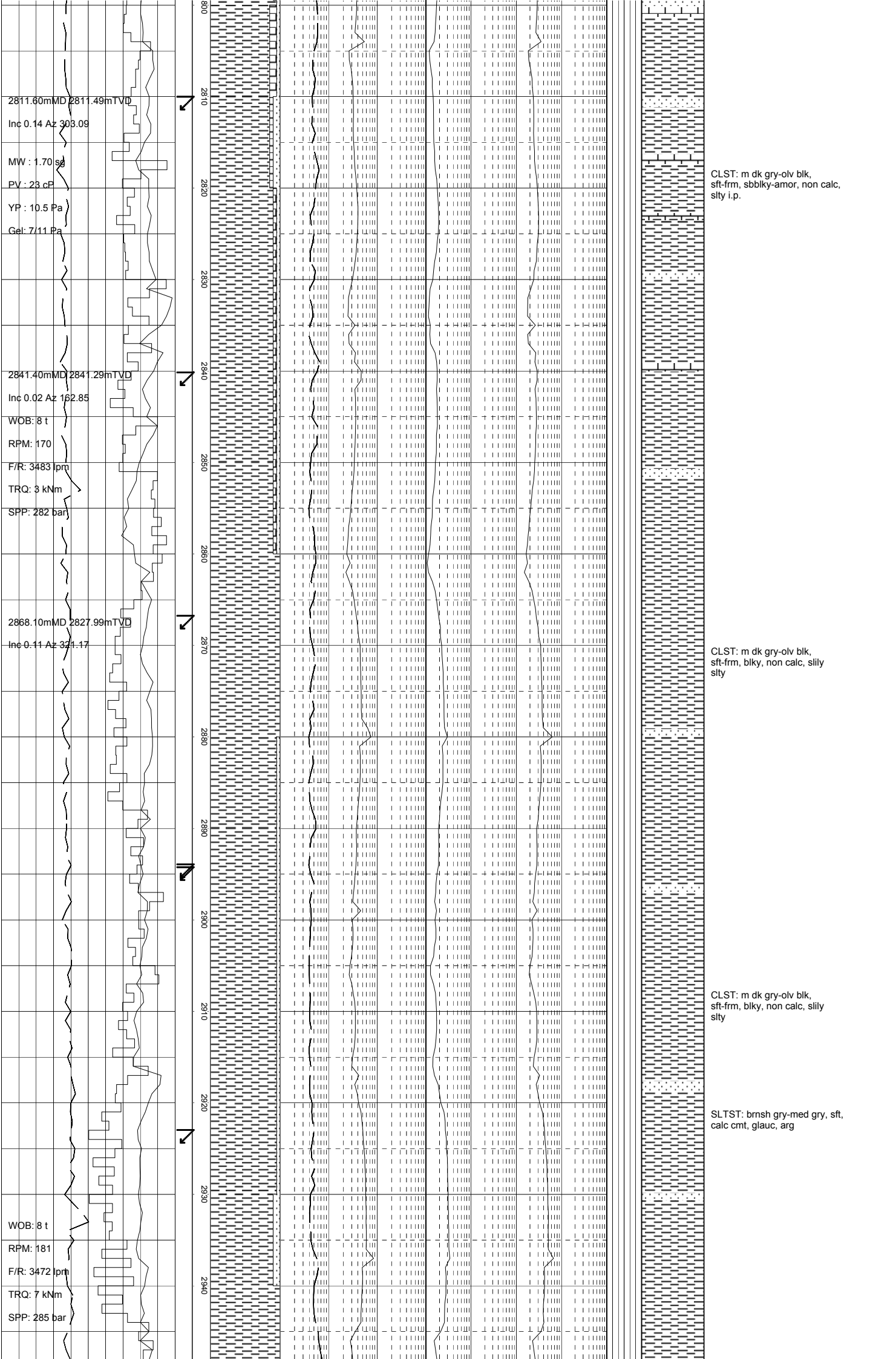












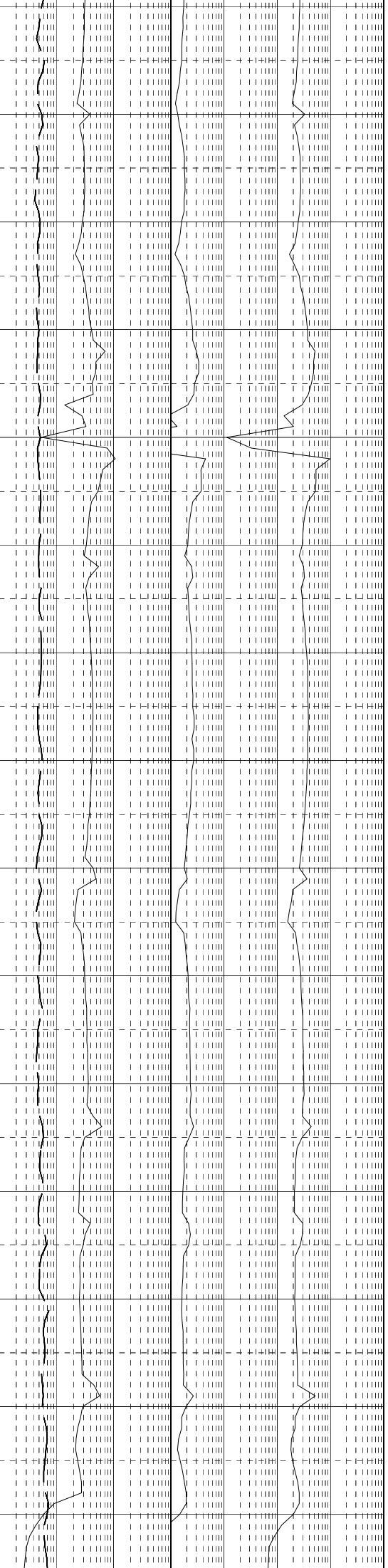
2951.20mMD 2951.09mTVD
Inc 0.17 Az 291.68

MW : 1.70 sg
PV : 34 cP
YP : 8.5 Pa
Gel: 8/11 Pa

3036.40mMD 3036.29mTVD
Inc 0.49 Az 320.85

WOB: 9 t
RPM: 175
F/R: 3463 lpm
TRQ: 6 kNm
SPP: 286 bar

3069.10mMD 3068.99mTVD
Inc 0.41 Az 346.35



LST: yelsh gry- brnsh gry,
sft frm, amor, arg

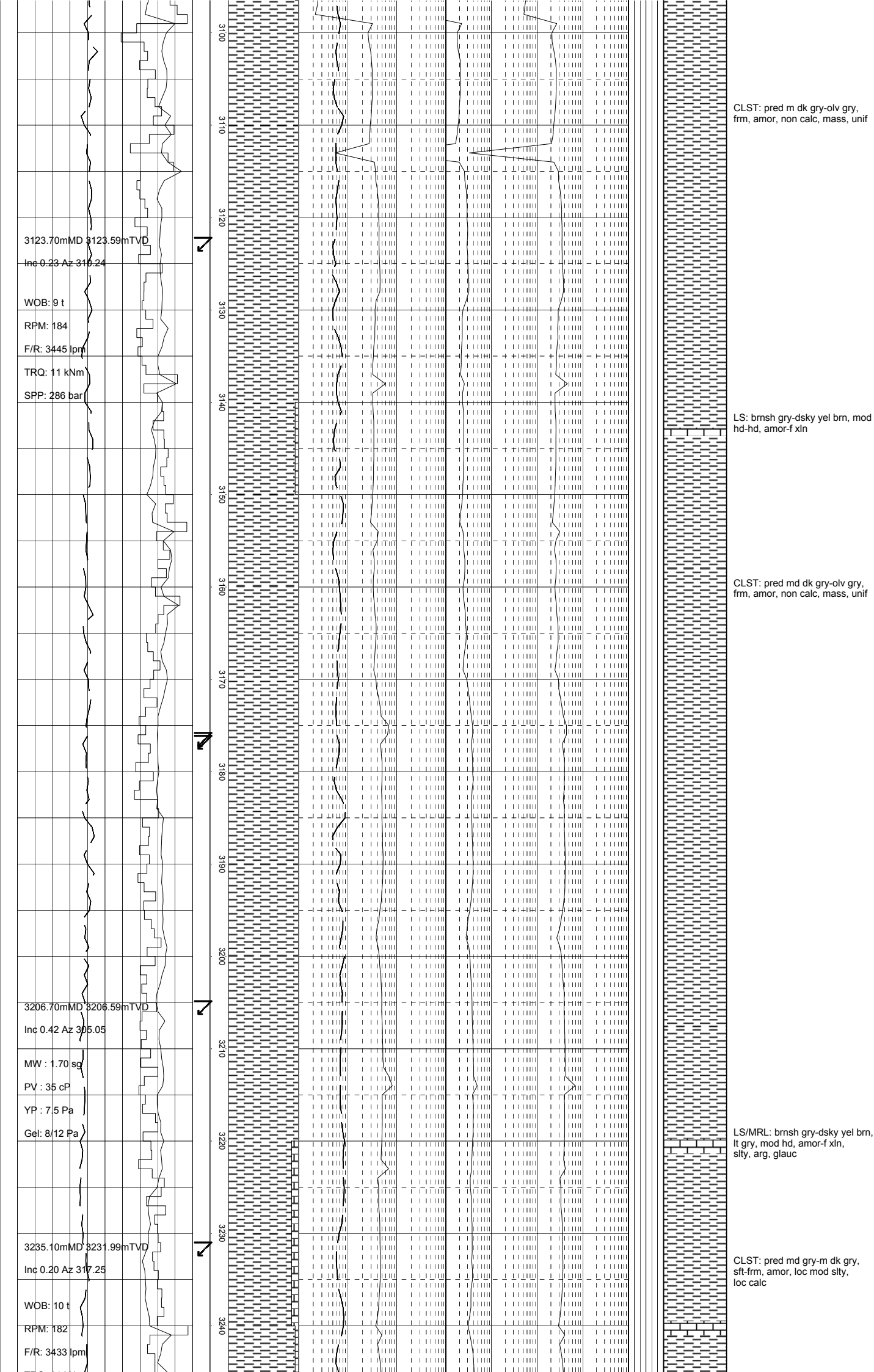
LS: yelsh gry-brnsh gry,
frm-mod hd, amor, arg

SLTST: brnsh gry-m gry, sft,
glauca, arg, non-silly calc

CLST: m dk gry-olv gry,
sft frm, blk, non calc-silly
calc i.p.

LS: yelsh gry-brnsh gry,
sft frm, amor, arg

CLST: m dk gry-olv gry,
sft frm, amor, blk, non-silly
calc



TRQ: 11 kNm

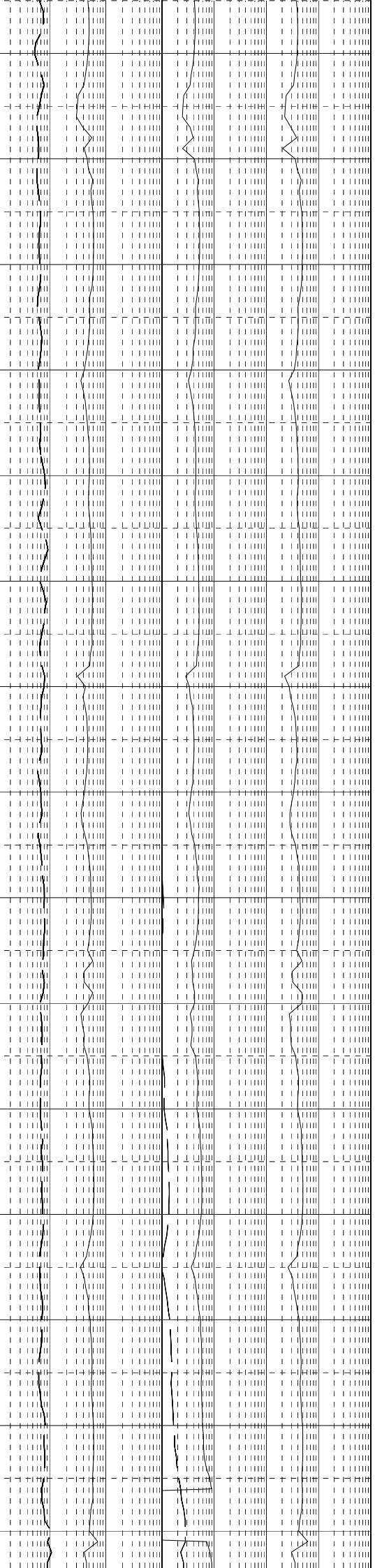
SPP: 294 bar

3289.10mMD 3288.99mTVD
Inc 0.21 Az 294.04

WOB: 9 t
RPM: 204
F/R: 3415 lpm
TRQ: 13 kNm
SPP: 286 kNm

3372.20mMD 3372.08mTVD
Inc 0.70 Az 296.61

3250
3260
3270
3280
3290
3300
3310
3320
3330
3340
3350
3360
3370
3380
3390



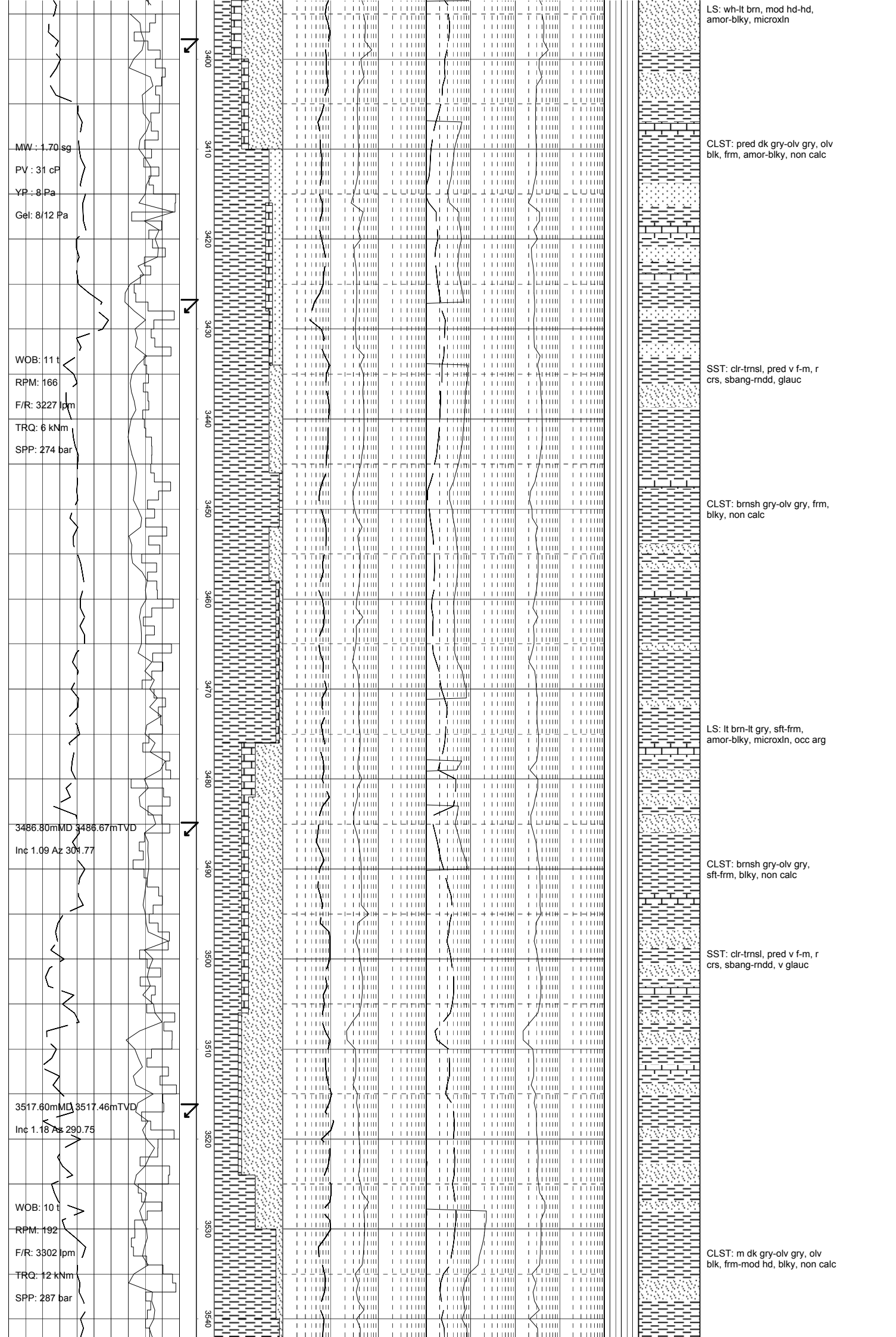
CLST: pred m gry-m dk gry,
sft frm, amor, loc mod slty,
loc calc

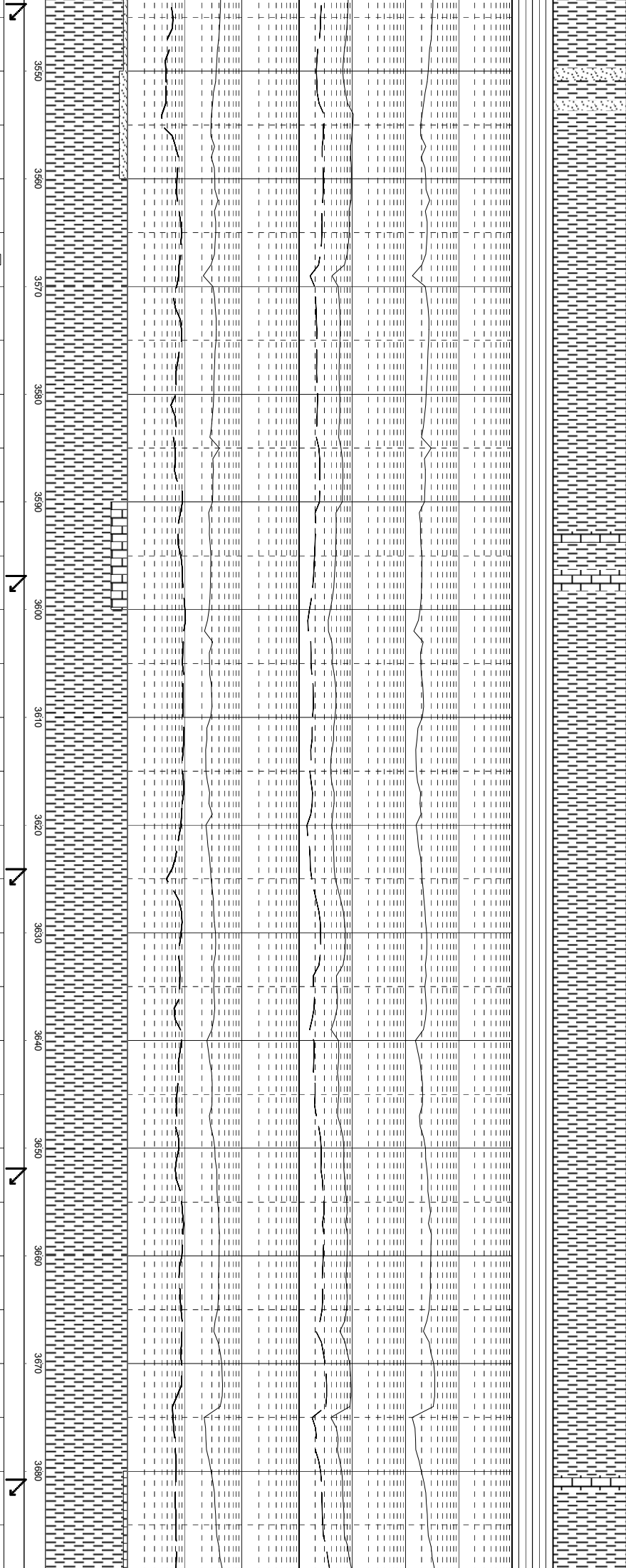
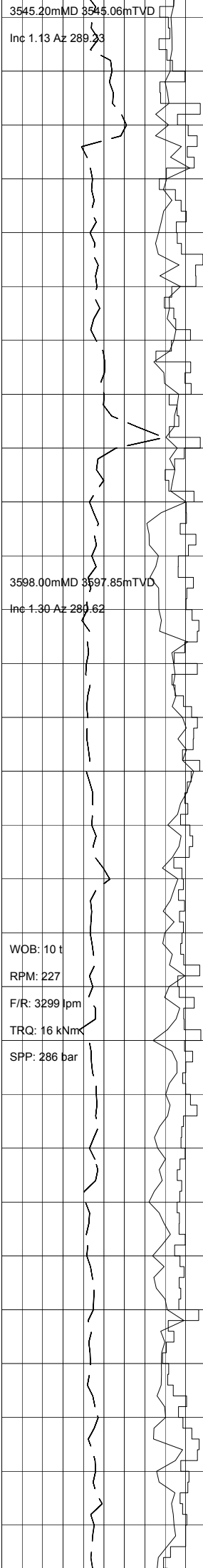
CLST: pred m gry-m dk gry,
sft frm, amor, slty, loc v calc

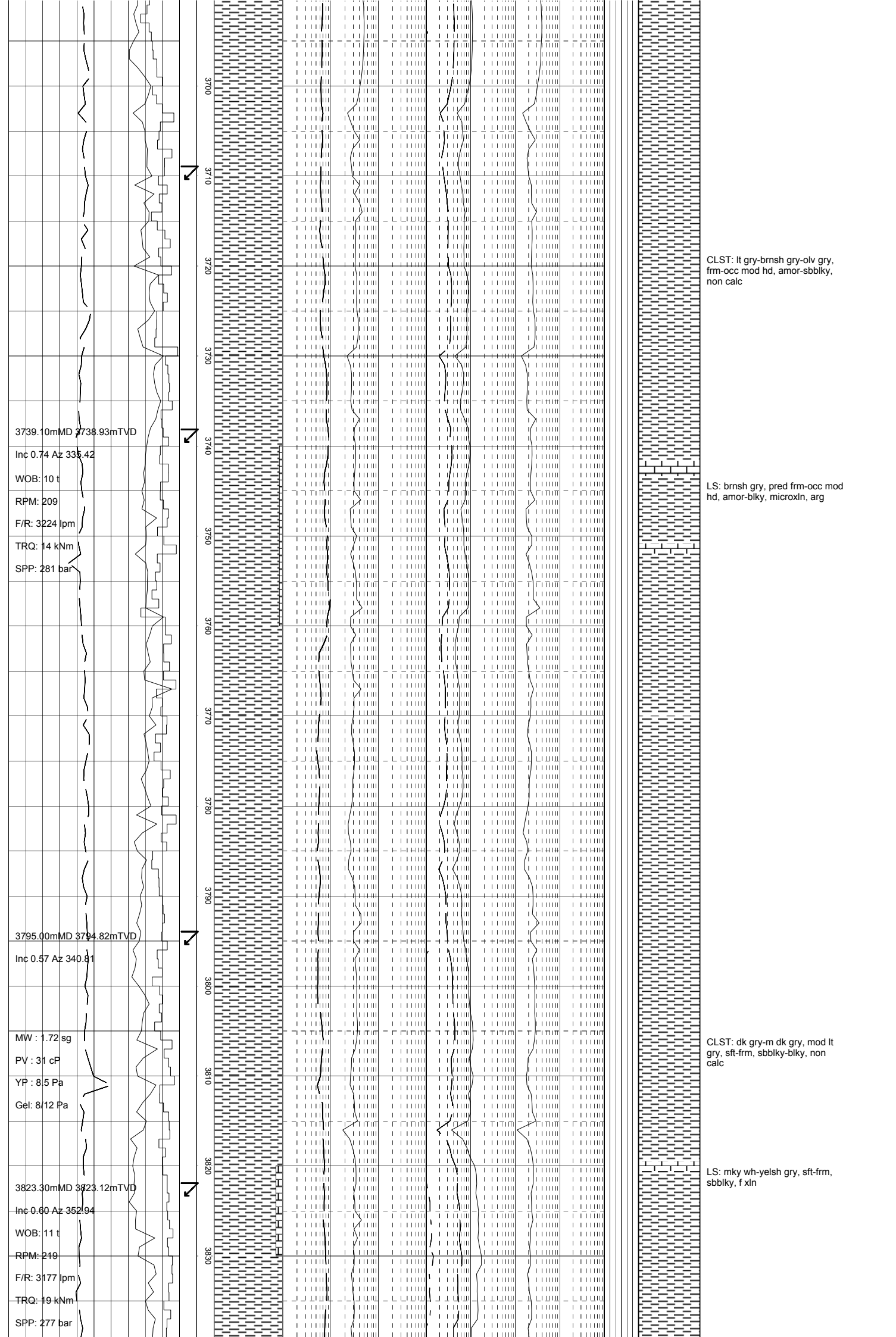
CLST: dk gry-olv gry, olv blk,
frm, amor-blky, non calc

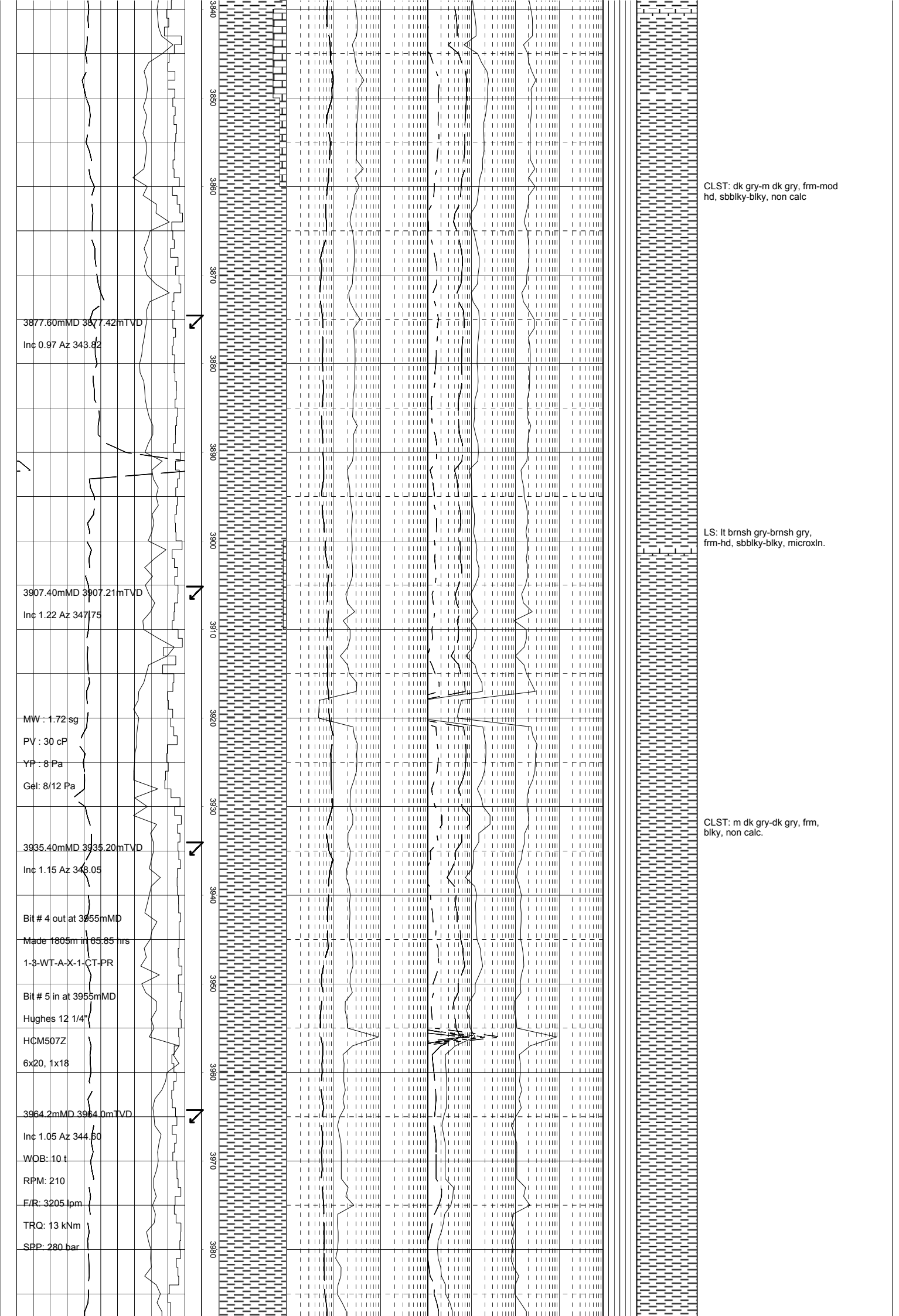
LS/MRL: dom lt gry-lt brn,
frm-mod hd, grad v calc slst

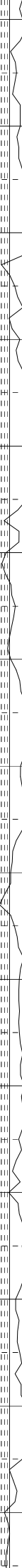
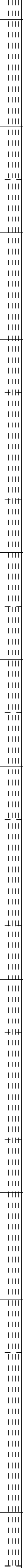
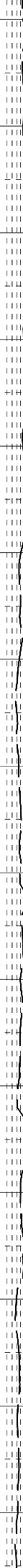
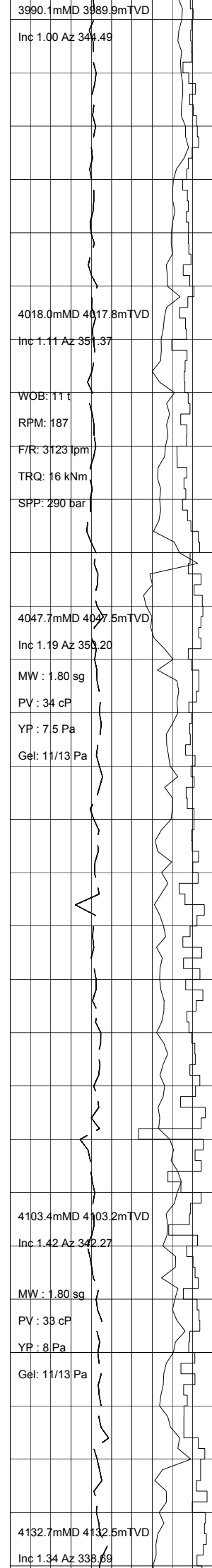
SST: clr-trnsl, pred v f-f, occ
m-crs, sbang-sbrmd, v glauc,
mica









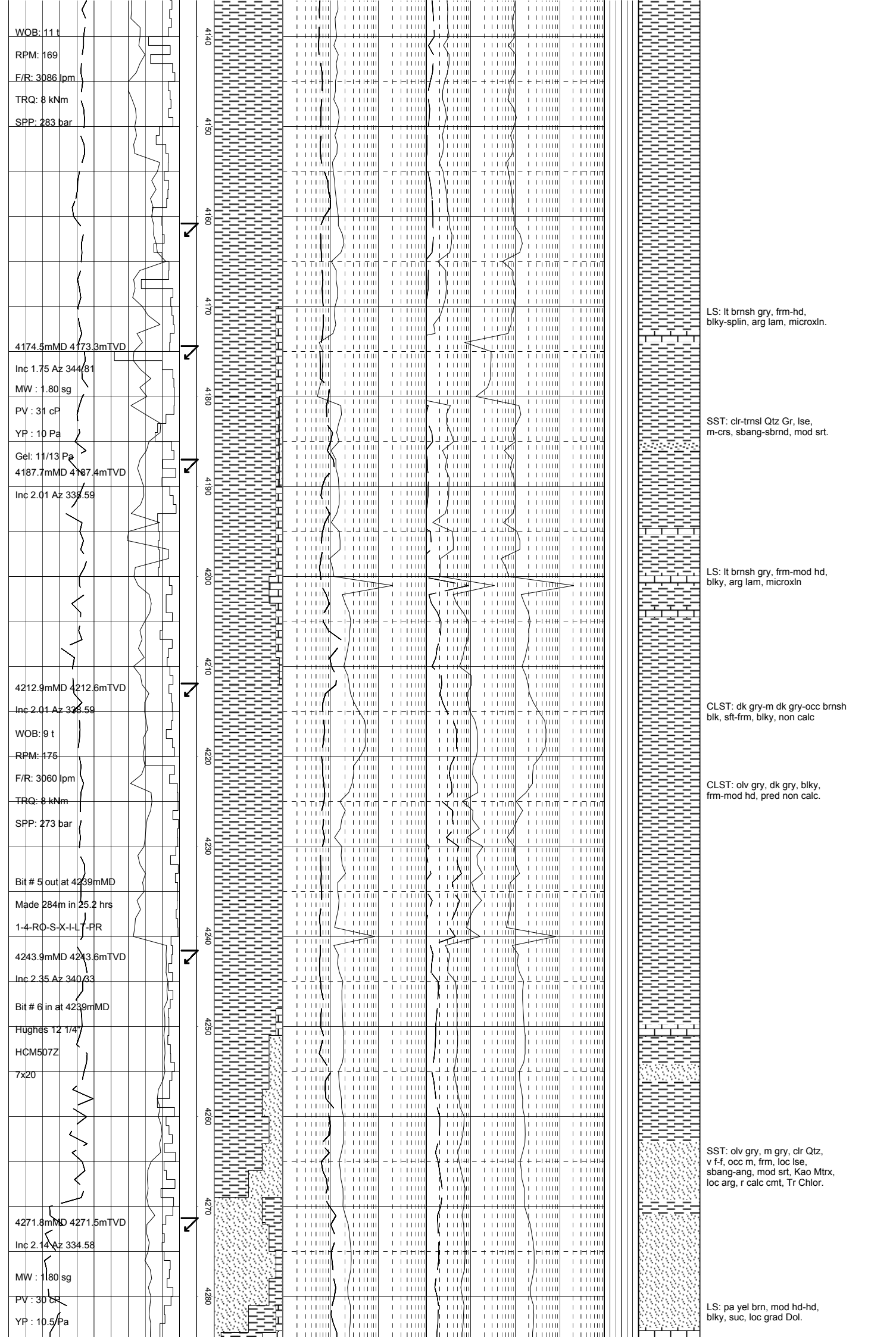


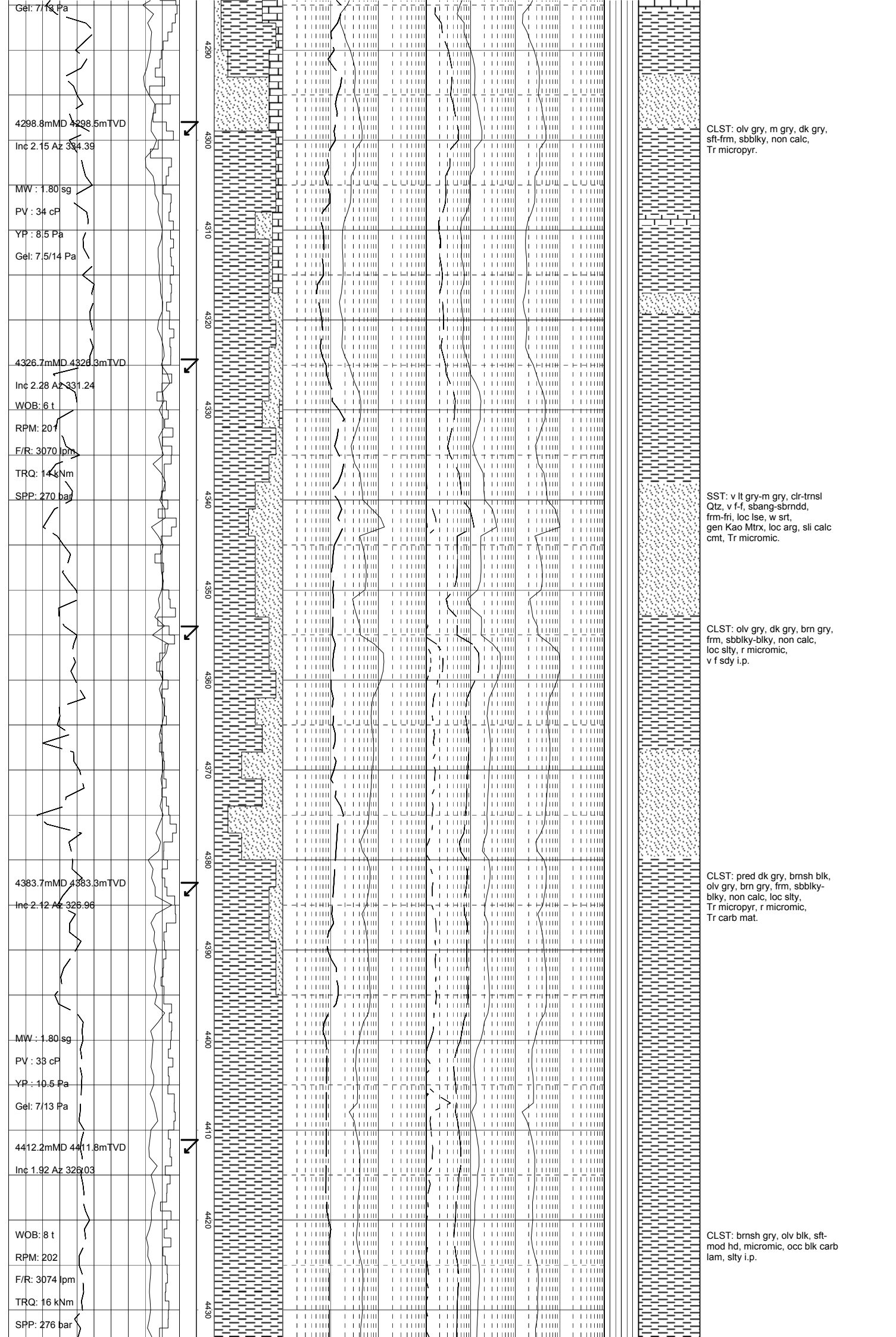
CLST: dk gry, occ m dk gry,
sft frm, blk, non calc.

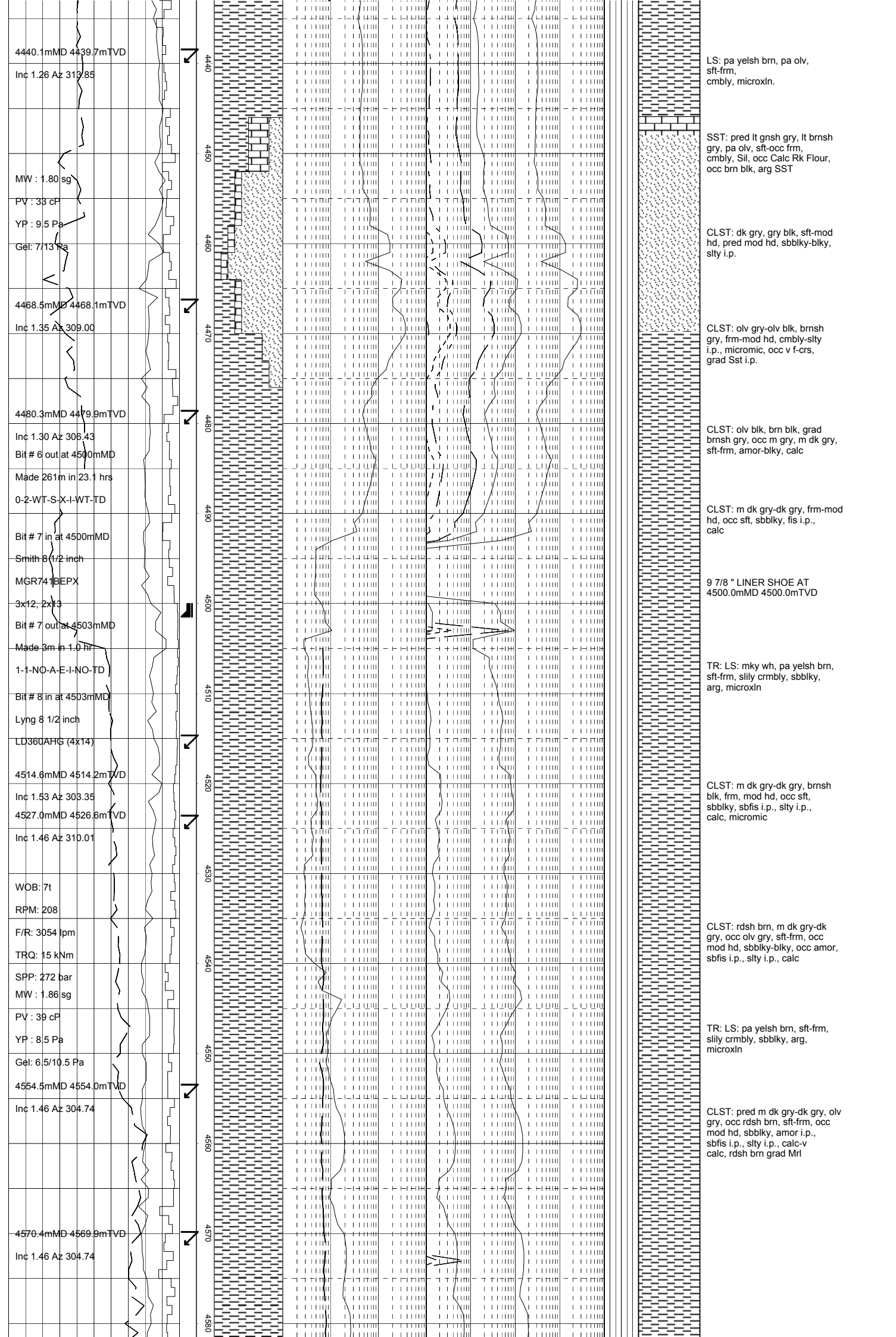
LS: lt brnsh gry-brnsh gry,
frm-hd, sbblky-blky, microxln.

LS: lt brnsh gry-brnsh gry,
frm-hd, sbblky-blky, microxln.

CLST: dk gry, m dk gry, sft frm,
blk, non calc.







Bit # 8 out at 4603mMD

Made 100m in 15.2 hrs

I-I-NO-A-X-in-NO-CP

Bit # 9 (Core # 1) in at 4603mMD

Core Security DBS 8 1/2"

FC204DRLI

Bit # 9 out at 4606mMD

Made 3m in 3.9 hrs

1-1-RR-A-X-1-PN-TQ

Bit # 10(8RR)

In at 4606mMD

Out at 4624mMD

Made 18m in 4.5 hrs

8-2-RO-N-E-1-RO-CP

Bit # 11(9RR)(Core # 2)

In at 4624mMD

Out at 4658mMD

Made 34m in 7.5 hrs

2-6-BT-A-X-I-BT-PR

MW: 1.86 sq

PV: 44 cP

YP: 9.5 Pa

Gel: 8/15 Pa

Bit # 12(Core # 3)

In at 4658mMD

Out at 4671mMD

Made 13m in 4.1 hrs

6-4-CT-A-X-I-WT-PR

4668.8mMD 4668.3mTVD

Inc 2.21 Az 293.15

Bit # 13(Core # 4)

In at 4671mMD

Out at 4674mMD

Made 3m in 3.5 hrs

5-3-WT-A-X-I-CT-PR

Bit # 14(Core # 5)

In at 4674mMD

Out at 4699mMD

Made 25m in 7.9 hrs

5-4-CT-A-X-I-HC-TD

4694.2mMD 4693.7mTVD

Inc 2.49 Az 290.50

Bit # 15 in at 4699mMD

Hughes 8 1/2"

HCR 507 Z

4x11, 3x12

4709.7mMD 4709.2mTVD

Inc 2.56 Az 294.32

LS: pa yelsh brn, yelsh gry,
trnsp, sft-mod hd, crmbly i.p.,
amor-sbbkly, elong i.p.,
microxln

CLST: pred brnsh blk, occ olv
gry, rdsh brn i.p., sft-frn,
amor-sbbkly, sticky, slty i.p.,
silly-v calc, pyr, rdsh brn
grad Mrl

SST: brnsh blk, olv blk,
clr-trnsl
occ lt gn gry, yel brn, f-crs,
ang-sbrnd, mod srt Qtz gr,
hd sil cmt, occ calc cmt, occ
brn blk, olv blk, cly mtx,
tr micropyr, abd blk carb mat,
no vis por, no shows.

SST: olv gry-brn gry, clr-mky-
lt brn trnsl Qtz, f-pred m,
occ crs, pr-mod srt, ang-sbang,
v hd, freq musc, wl sil cmt,
fr vis por, wk dir fluor, wk-
fr cut fluor.

CLST: dk gry, olv gry, frm-mod
hd, blkly, v slty I.P, grad to
SLTST, tr Mic, tr micropyr,
tr carb Mat, non calc.

Bit # 15 out at 4743mMD

made 44m in 8.3 hrs

2-2-WT-N-X-I-PN-CP

Bit # 16 (Core # 6)

In at 4743mMD

Out at 4753mMD

Made 10m in 1.5 hrs

6-2-LT-A-X-I-RO-PR

Bit # 17 (Core # 7)

In at 4753mMD

Out at 4769mMD

Made 16m in 6.5 hrs

8-8-WT-A-X-I-PN-PR

WOB: 12 t

RPM: 114

F/R: 1242 lpm

TRQ: 12 kNm

SPP: 118 bar

Bit # 18 (Core # 8)

In at 4769mMD

Out at 4775mMD

Made 6m in 2.8 hrs

6-8-RO-A-X-I-HC-PR

Bit # 19 in at 4775mMD

Reed-Hycalog 8 1/2 inch

DSX 8 1/2 M-B8

4x10, 4x12

4780.80mMD 4780.15mTVD

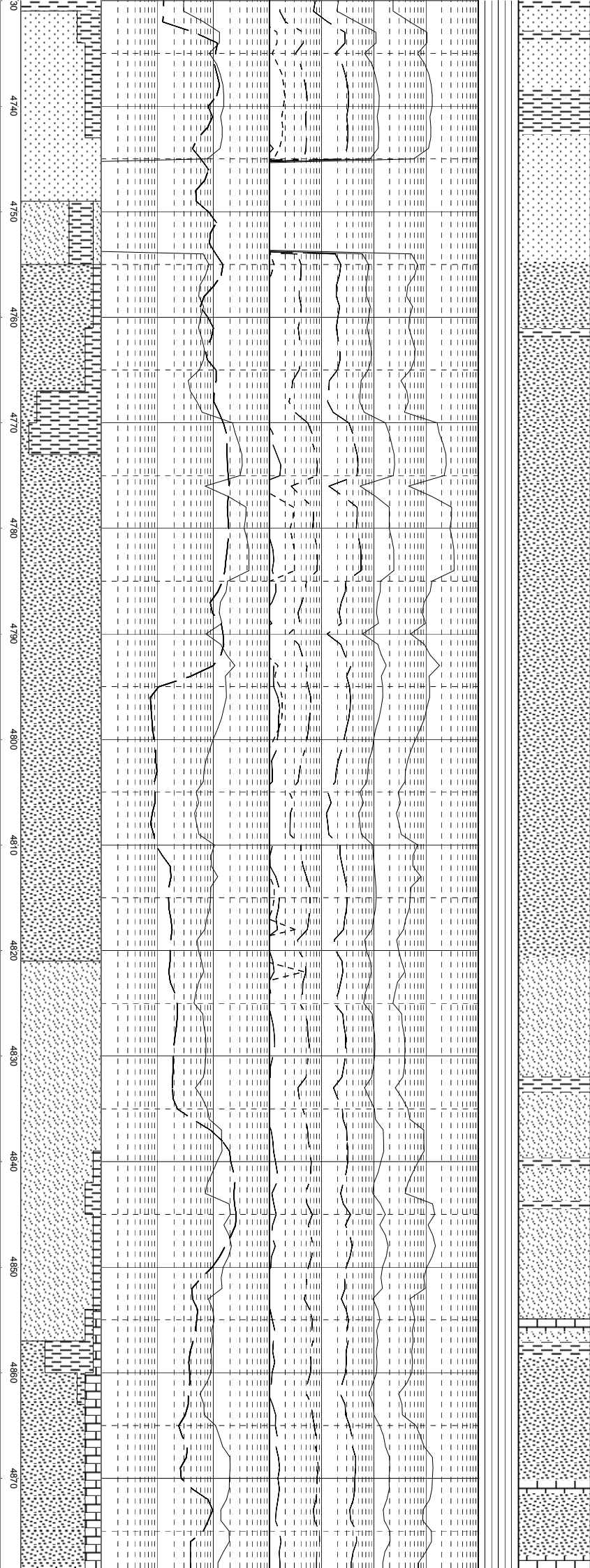
Inc 3.62 Az 286.69

WOB: 11 t

RPM: 160

F/R: 1400 lpm

TRQ: 13 kNm



SST: olv gry-brn gry, clr trnsl
Qtz, vf-m, pred f, wl srt,
ang-sbrnd, mod hd, mod sil cmt,
brn gry sft mtx, occ crs musc,
pr vis por, mod HC odor, mod
spty dull yel fluor, instant
strm bl/w cut.

SST: clr-trnsl, lse, Qtz Gr,
f-crs, sbang-sbrndd, sbspher,
mod srt, Sil cmt
Mtrx: dk yelsh brn, yelsh gry,
frm, amor, arg, silly calc

TR: CLST: olv blk-brnsh blk,
frm-hd, sbbkly-bkly, non calc

Shws:
Dir Fluor: goldish, spty, P-P,
dull
Cut Fluor: wh-blsh, even, brt,
silly cldy, mod strm, non od

SST: clr-trnsl, lse, Qtz Gr,
f-crs, sbang-sbrndd, sbspher,
mod srt, Sil cmt
Mtrx: dk yelsh brn, yelsh gry,
frm, amor, arg, silly calc

CLST: olv blk, brnsh blk, hd,
sbbkly, occ w/ carb Loc

CLST: olv blk, brnsh blk, hd,
sbbkly, occ w/ carb Loc

SST: clr-trnsl, Qtz Gr, f-m,
pred m, sbang, dom non spher,
occ sbspher, mod srt, Sil cmt,
w/ perm (5 channels), Grs
orientated in one preferred
direction, w/ pa yelsh brn arg
Mtrx

