



MASTERLOG

MLA A-22A



GENERAL

Country : Australia
Permit : VIC L3/L4
Field : Marlin
Basin : Gippsland
Well Type : Development
Rig Name : Nabors 453

POSITION

Local Co-ord X : -30.89 mE
Local Co-ord Y : 4.14 mN
AMG Co-ord X : 606 871.490 mE
AMG Co-ord Y : 576 7922.760 mN
RT to MSL : 27.91 m
RT to Sea Bed : 86.91 m

HOLE / CASING INFO

8-1/2" Hole to 3617 m
20" Conductor Shoe @ 163.0 m
13-3/8" Surface Casing @ 673.0 m
9-5/8" Intermediate Csg @ 1894.6 m
7.0" Production Liner @ 2100.0 m
4-1/2" Liner Set @ 3615.5 m

DATE / DEPTH

Spud Date : 27-05-2004
Total Depth Date : 10-06-2004
Total Depth : 3617.0 m
True Vertical Depth : 2713.99 m
Log Scale : 1/ 500
Final Status : Cased & Suspended

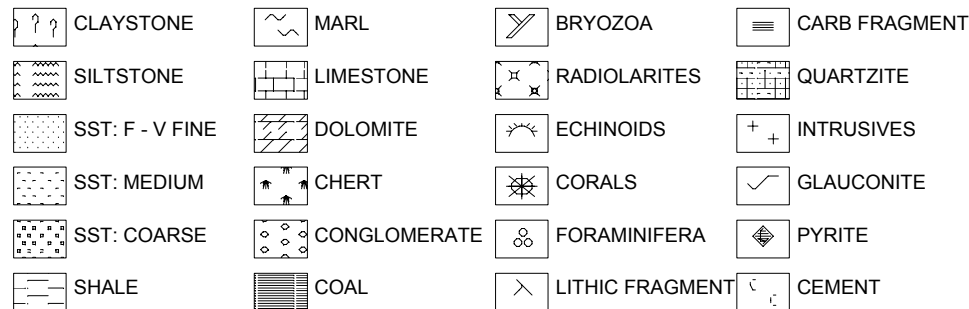
ENGINEERS

Rohan Pereira
Steve Oades
Gedeon Doczy
Greg Fawns

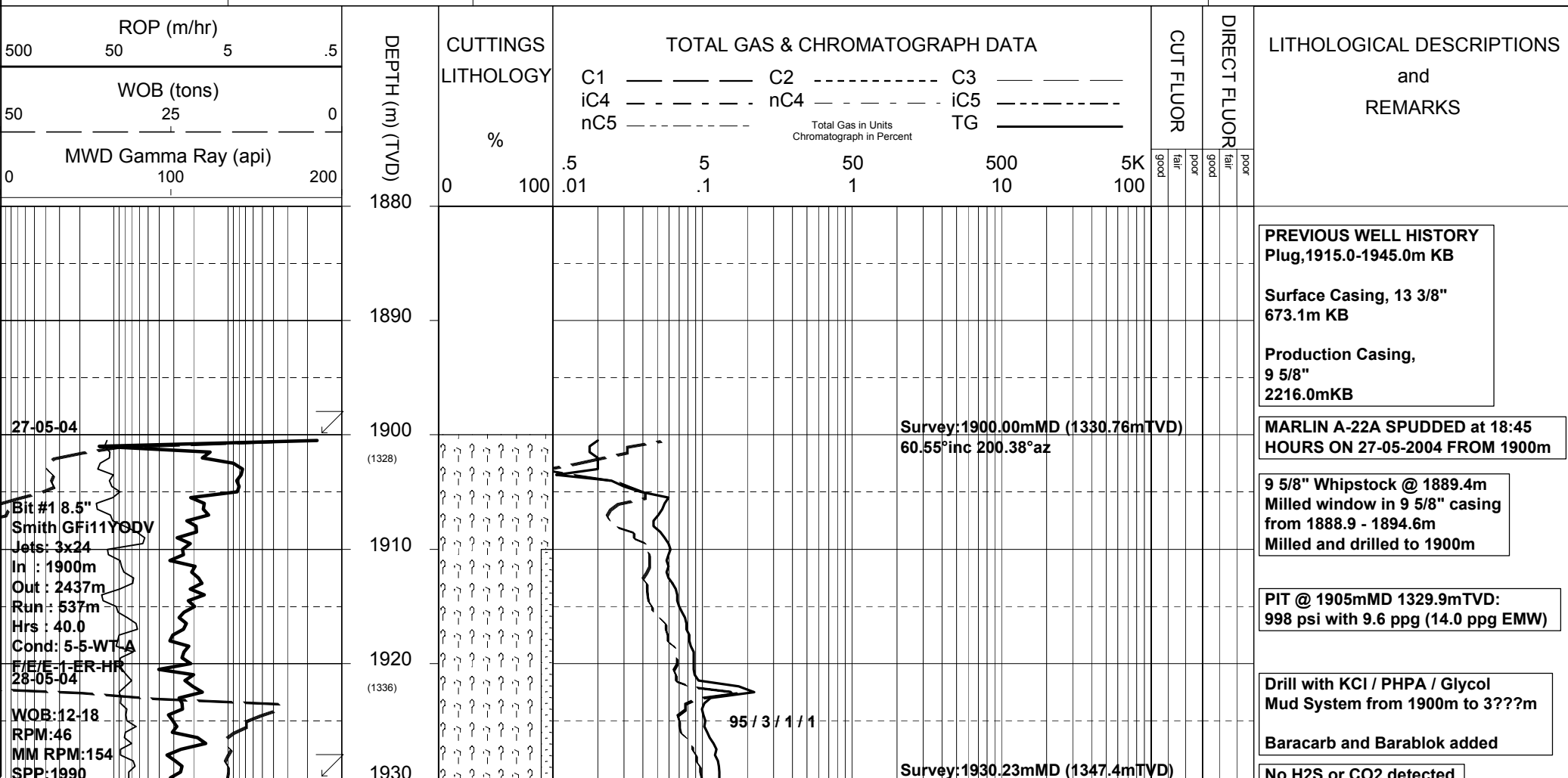
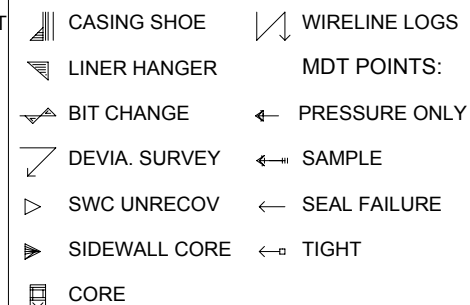
ABBREVIATIONS

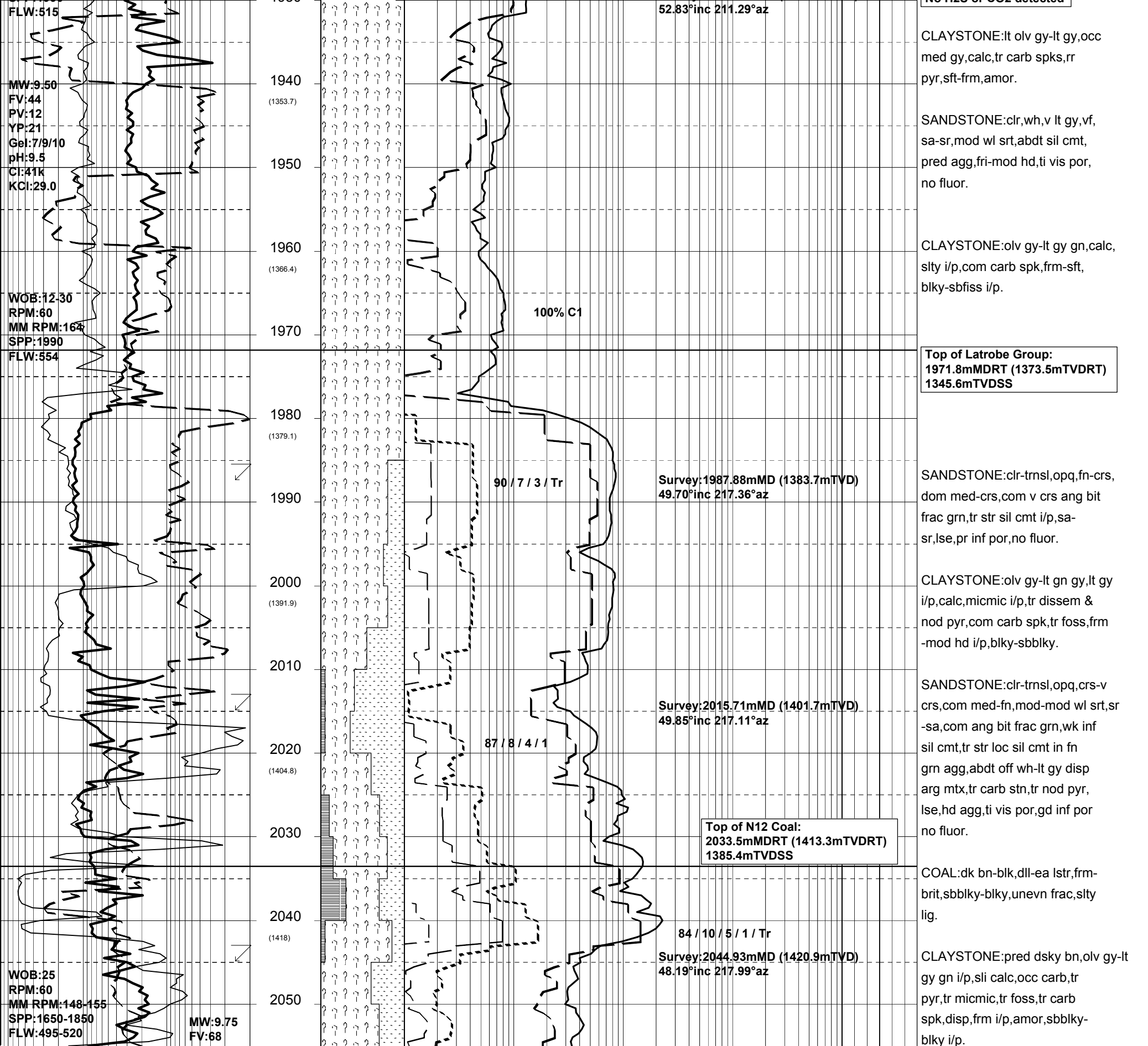
MW	Mud Weight	WOB	Weight on Bit (klbs)
FV	Funnel Viscosity	RPM	Rotations Per Min
PV	Plastic Viscosity	FLW	Flow Rate (gpm)
YP	Yield Point	SPP	Pump Pressure (psi)
Gel	Gel Strength	RR	Re-Run Bit
WL	Water Loss	TG	Trip Gas
KCl	Potassium Chloride	CG	Connection Gas
Cl	Chlorides	BG	Background Gas
Inc	Inclination	DGP	Drilled Gas Peak
Az	Azimuth	MM	Mud Motor

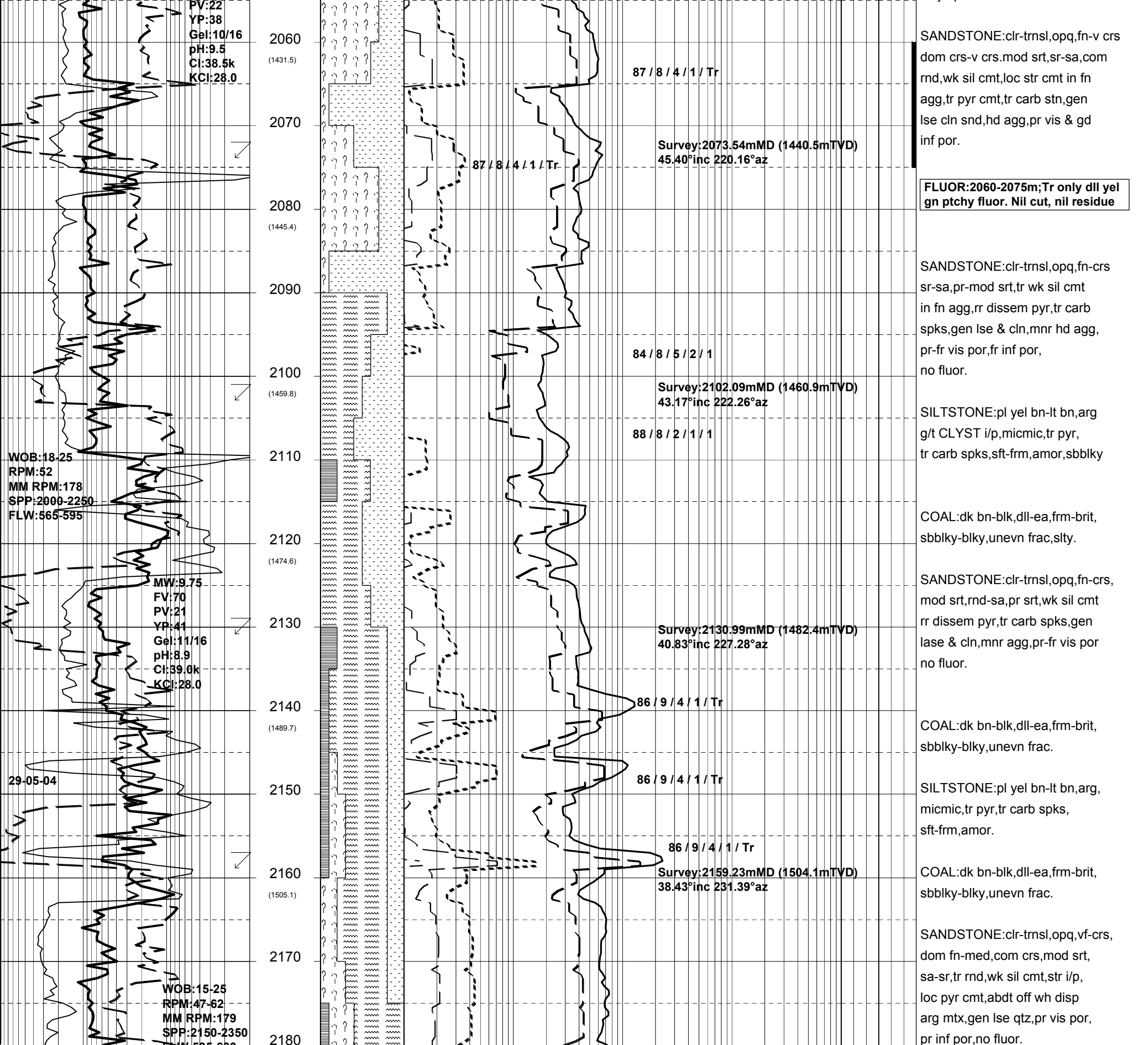
LITHOLOGY LEGEND

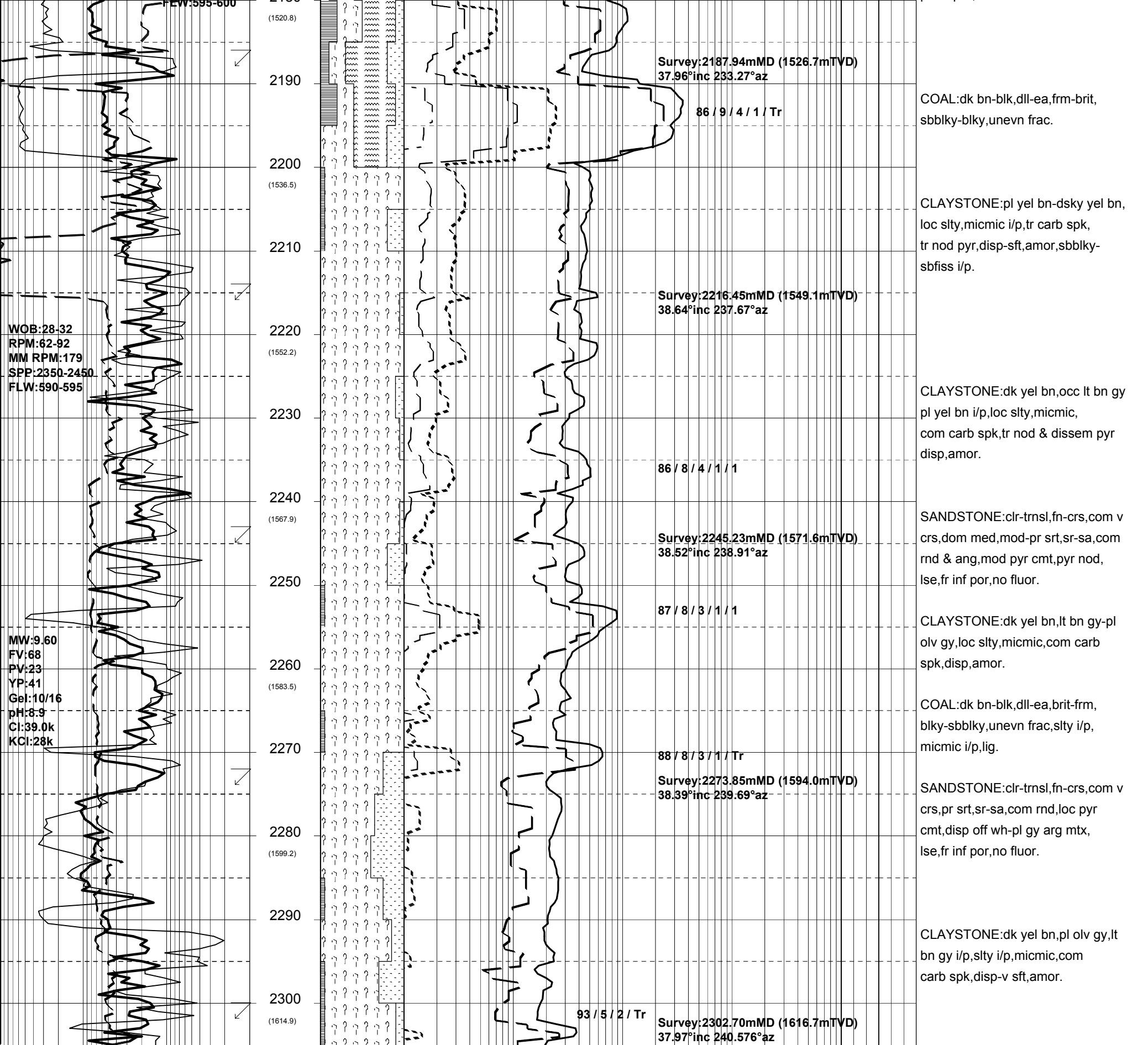


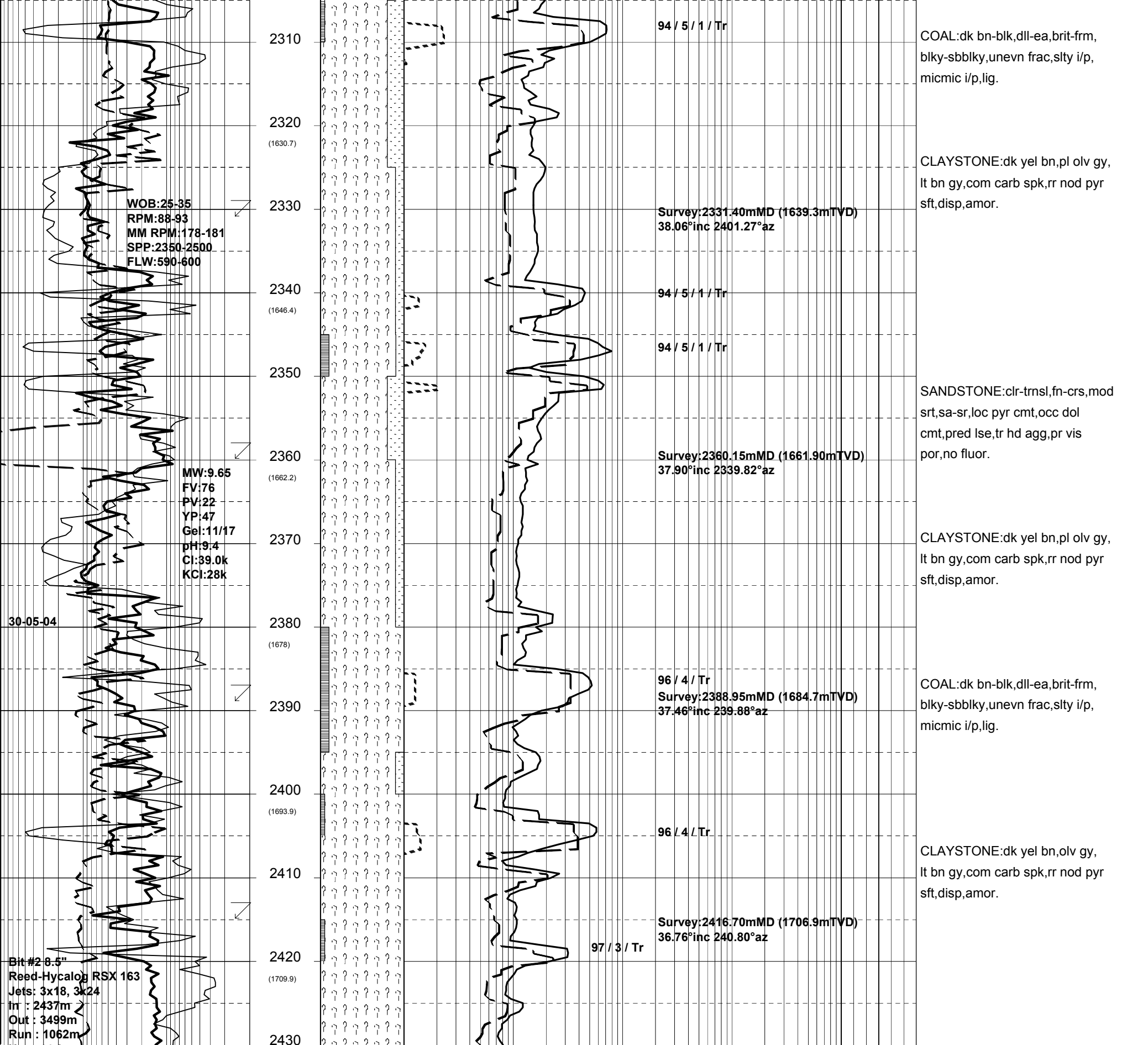
ENGINEERING LEGEND

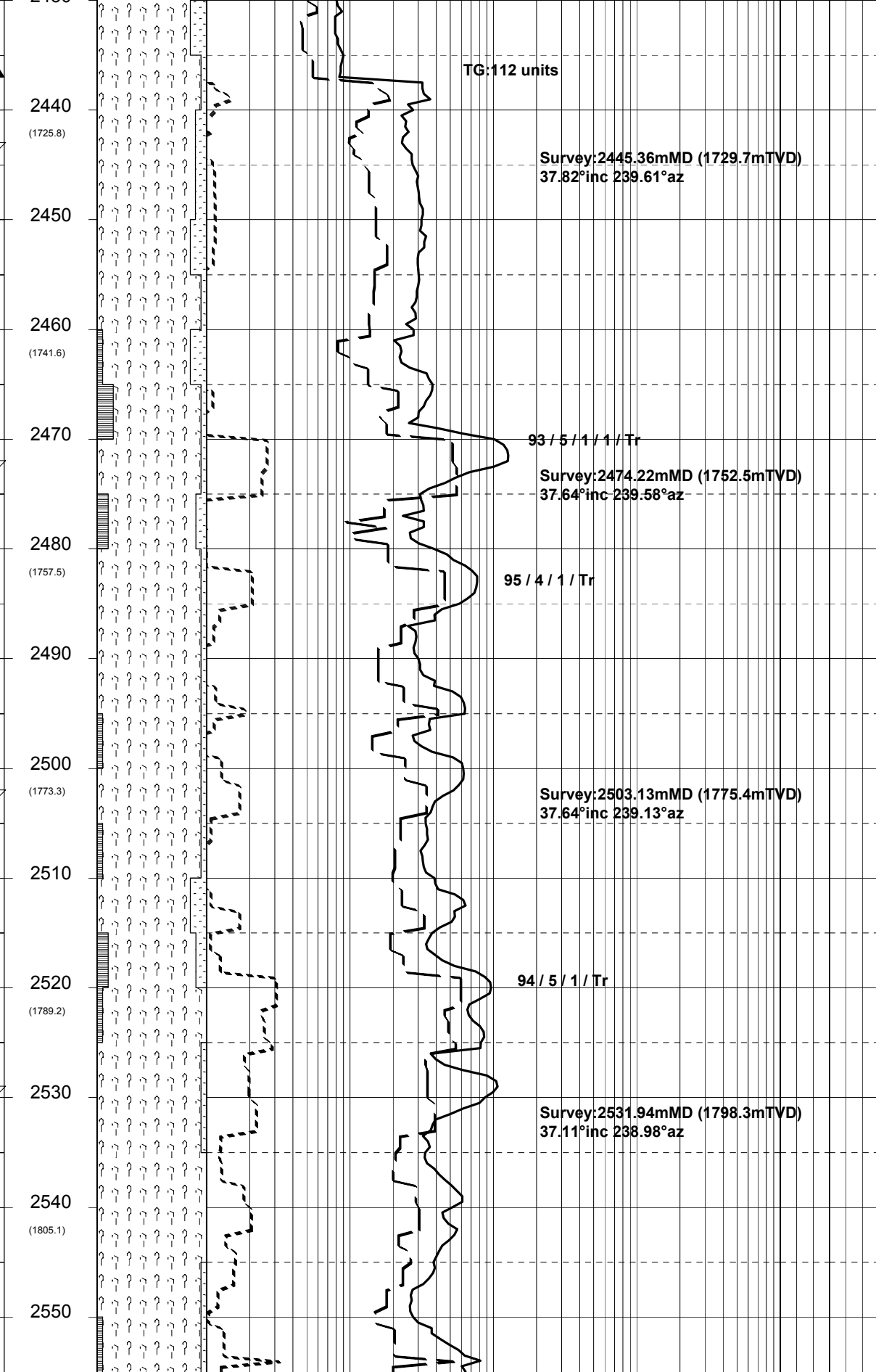
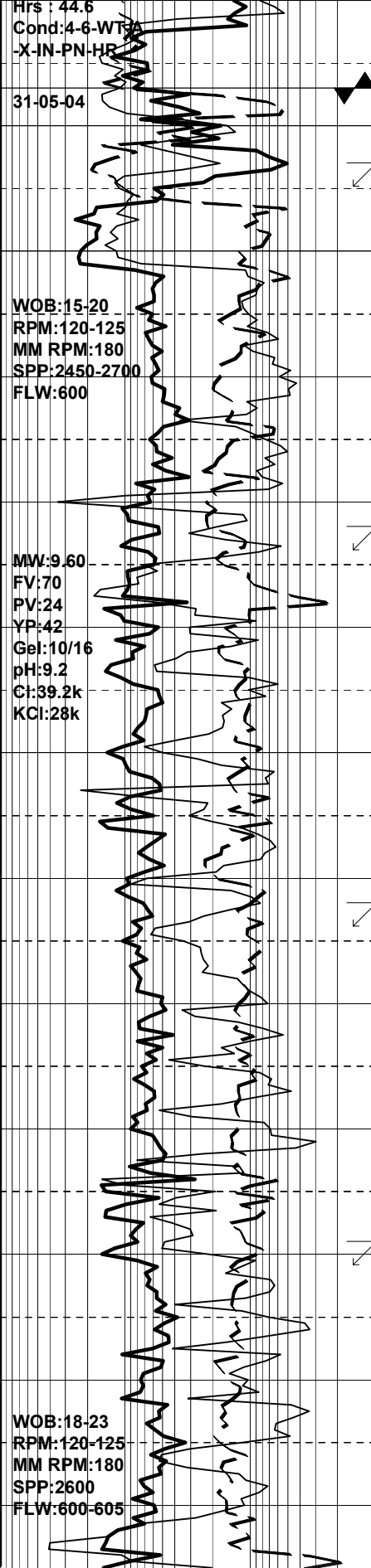












SANDSTONE:clr-trnsl,opq,vf-crs,
dom med-fn,mod-pr srt,sa-sr,tr
wk calc/dol cmt,loc pyr cmt i/p,
abdt off wh-lt gy disp arg mtx,
dom lse,frm agg,pr inf & vis por
no fluor.

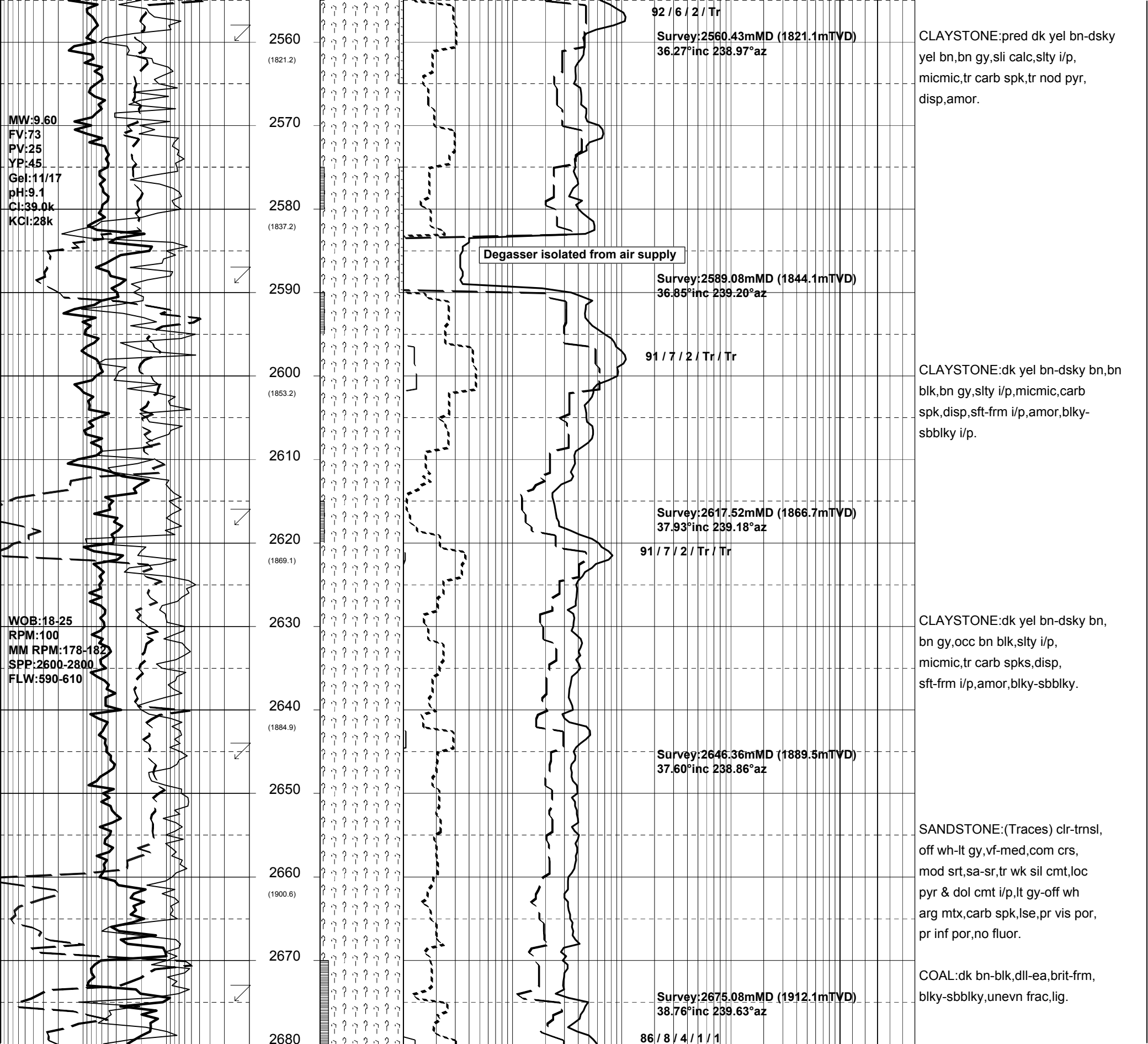
CLAYSTONE:dk yel bn,bn gy,lt gy,
tr carb spk,tr nod pyr,v sft-
disp,amor.

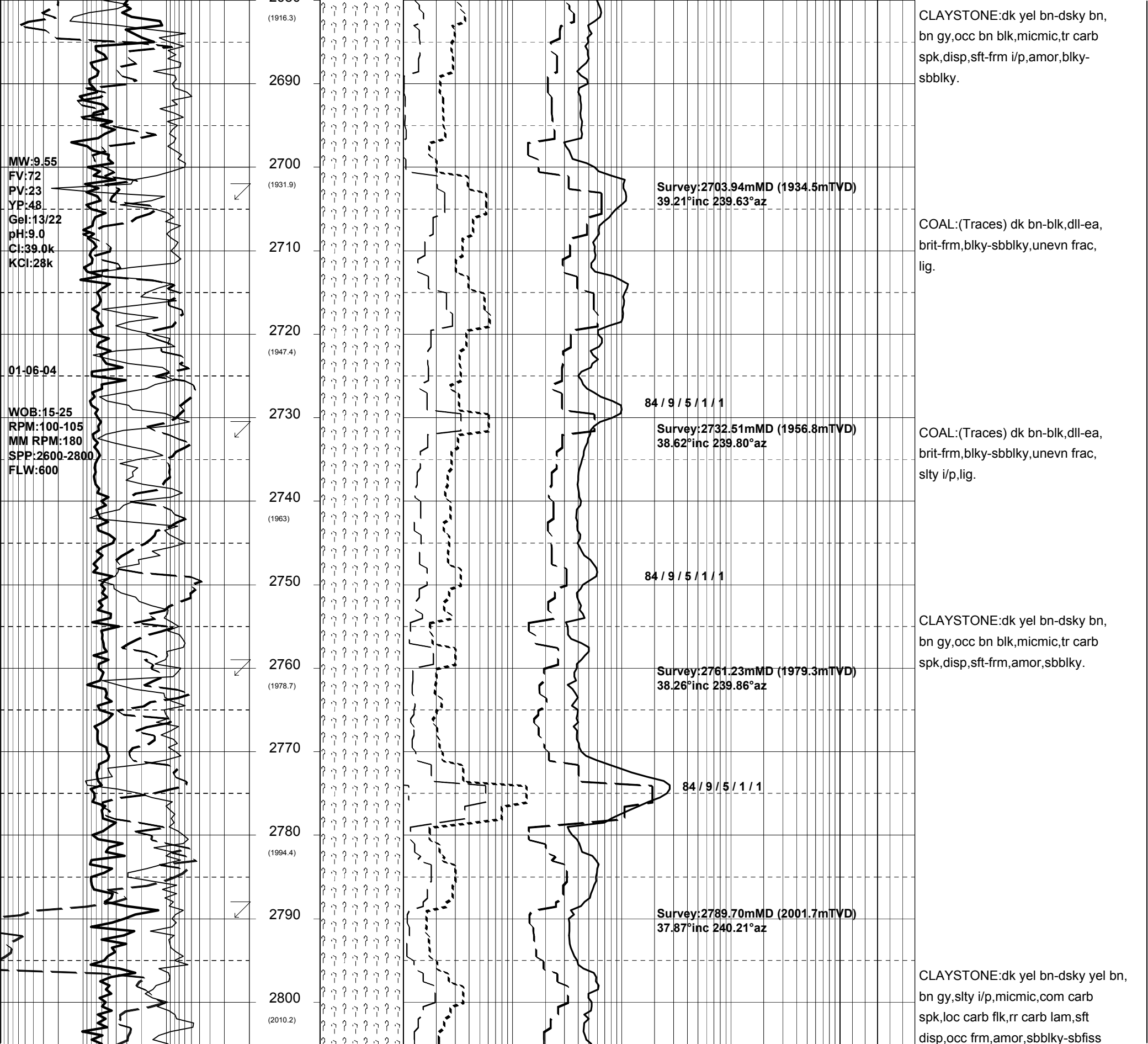
Abundant cavings in samples

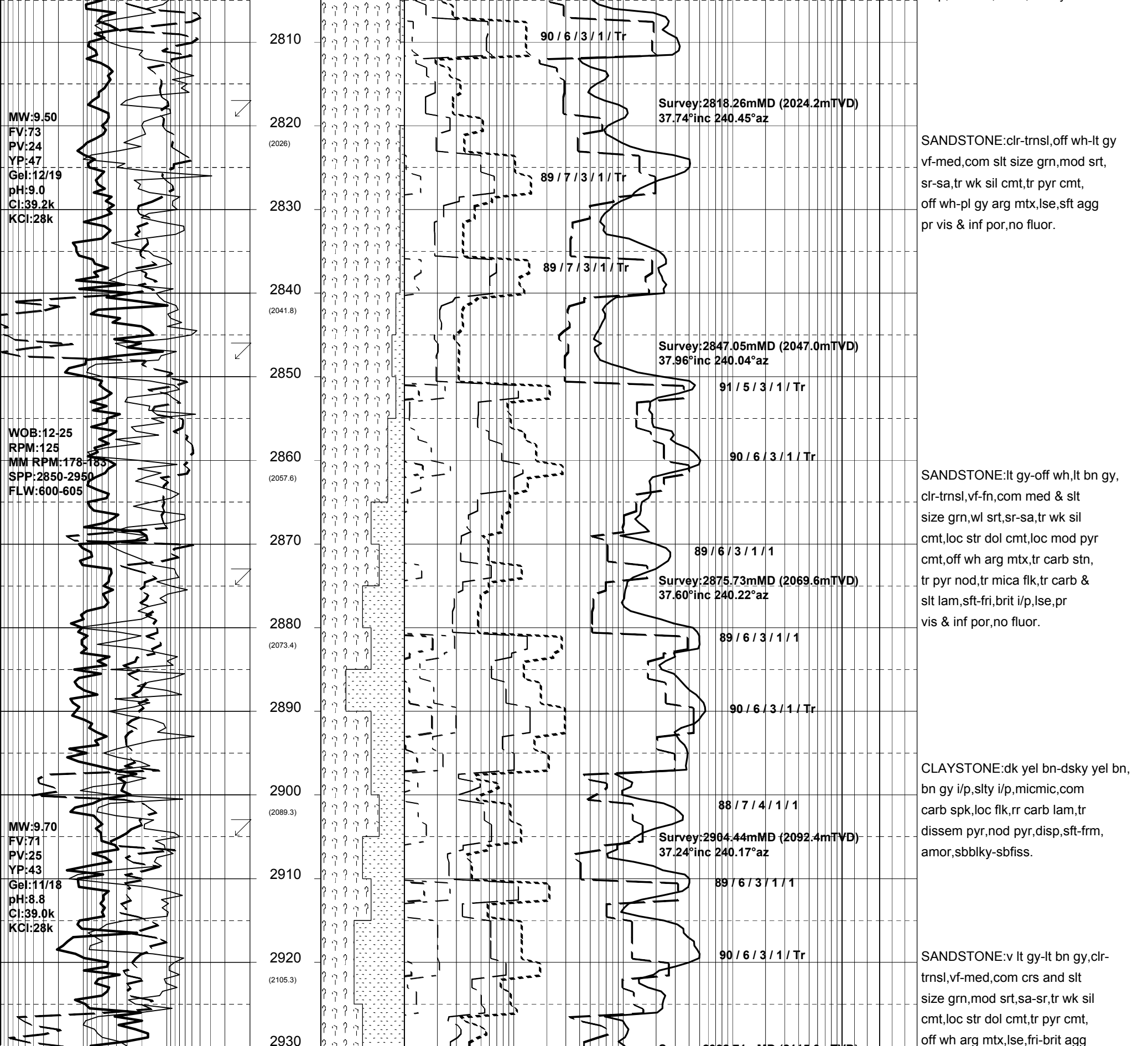
COAL:dk bn blk-blk,dll-ea lstr,
hd-mod hd i/p,blky-sbfiss i/p,
unevn-hkly frac,slty,micmic,slt
lam i/p,dissem pyr,lig.

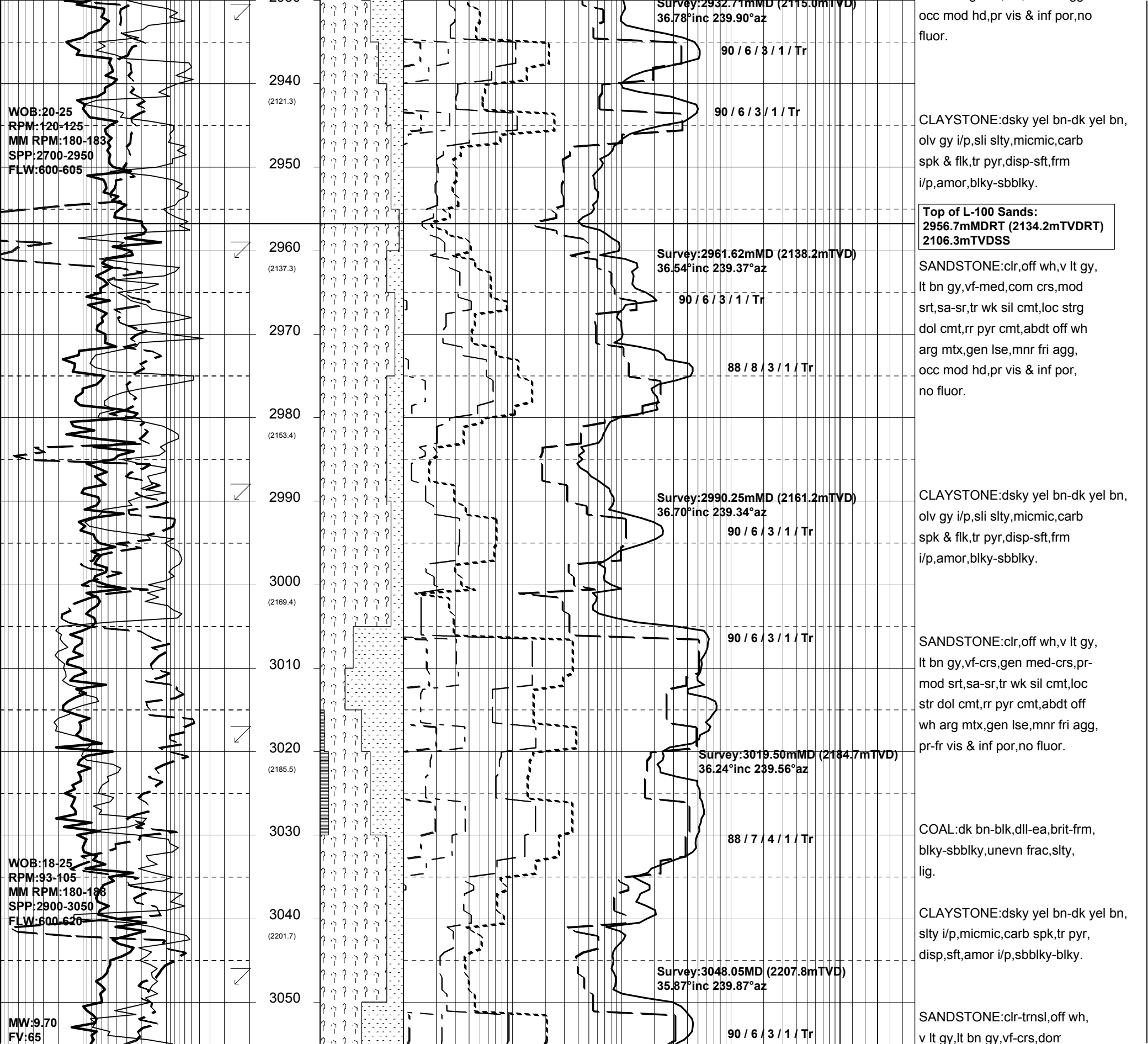
CLAYSTONE:dk yel bn-dsky yel bn,
pl gy,slty i/p,micmic,com carb
spk,disp-v sft,amor-blky i/p.

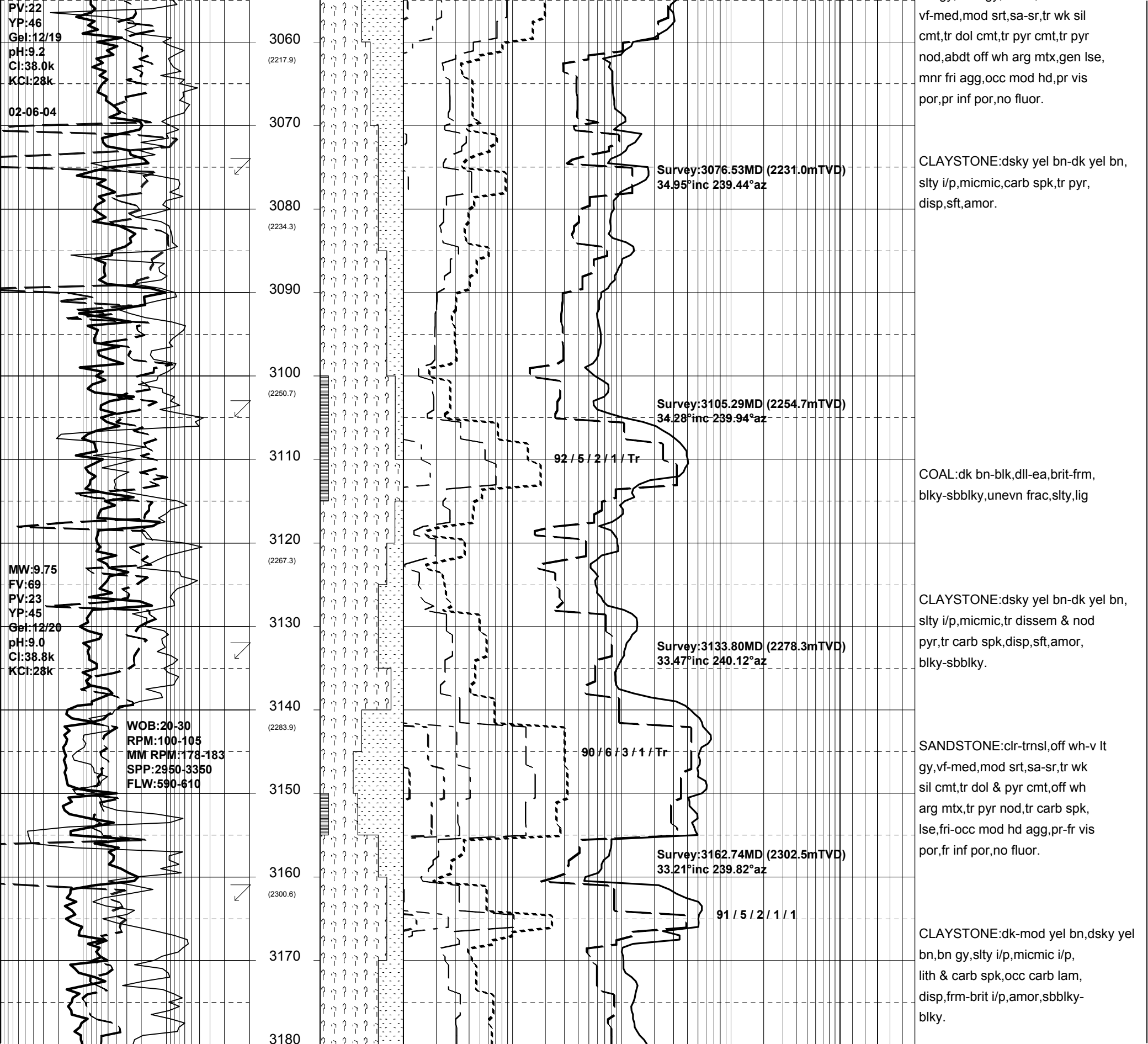
SANDSTONE:clr-trnsl,off wh-lt gy
vf-med,com crs,mod srt,sa-sr,tr
wk sil cmt,loc pyr & dol cmt i/p
lt gy-off wh arg mtx,carb spk,
sft,lse,pr vis & fr inf por,no
fluor.

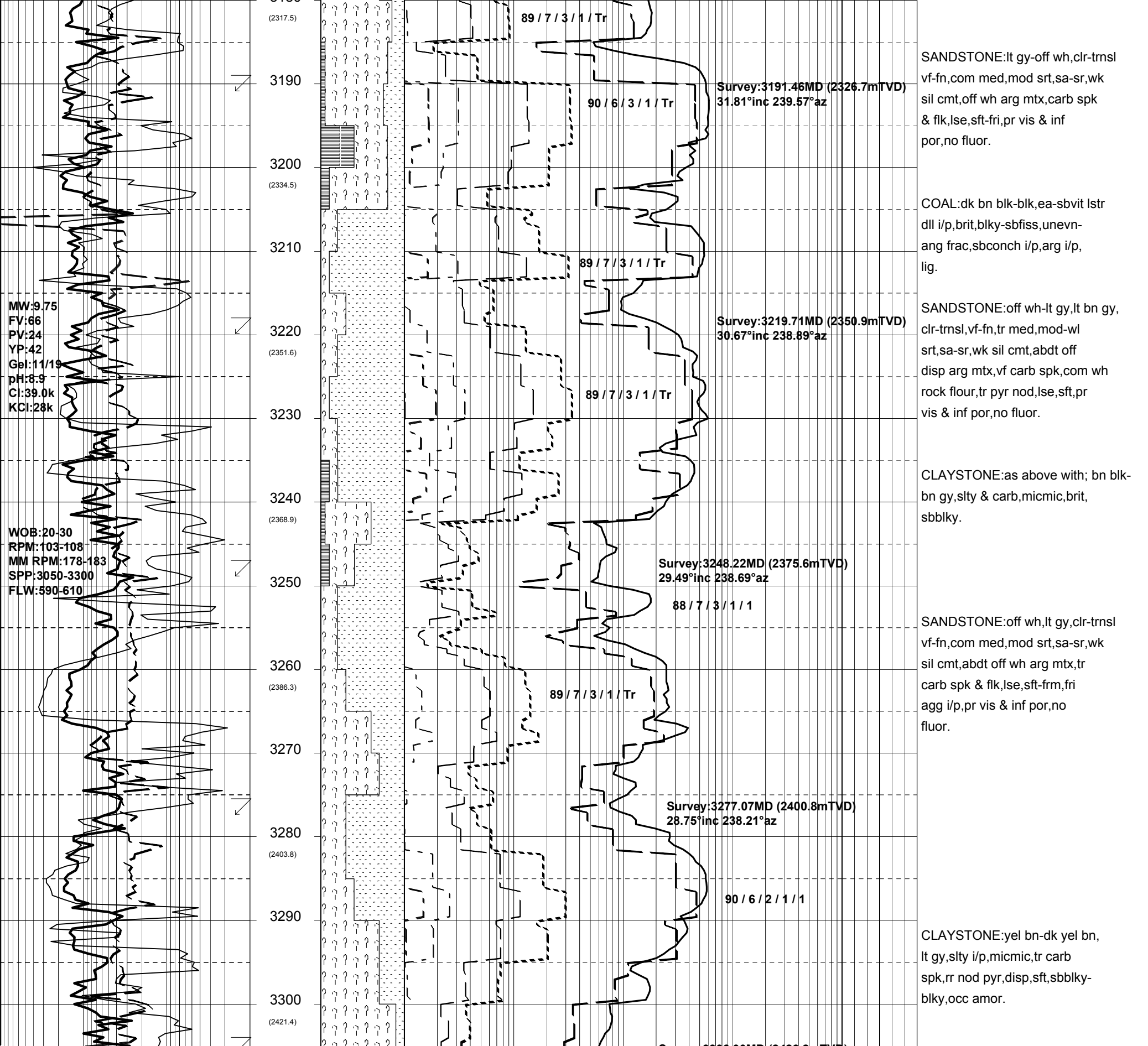


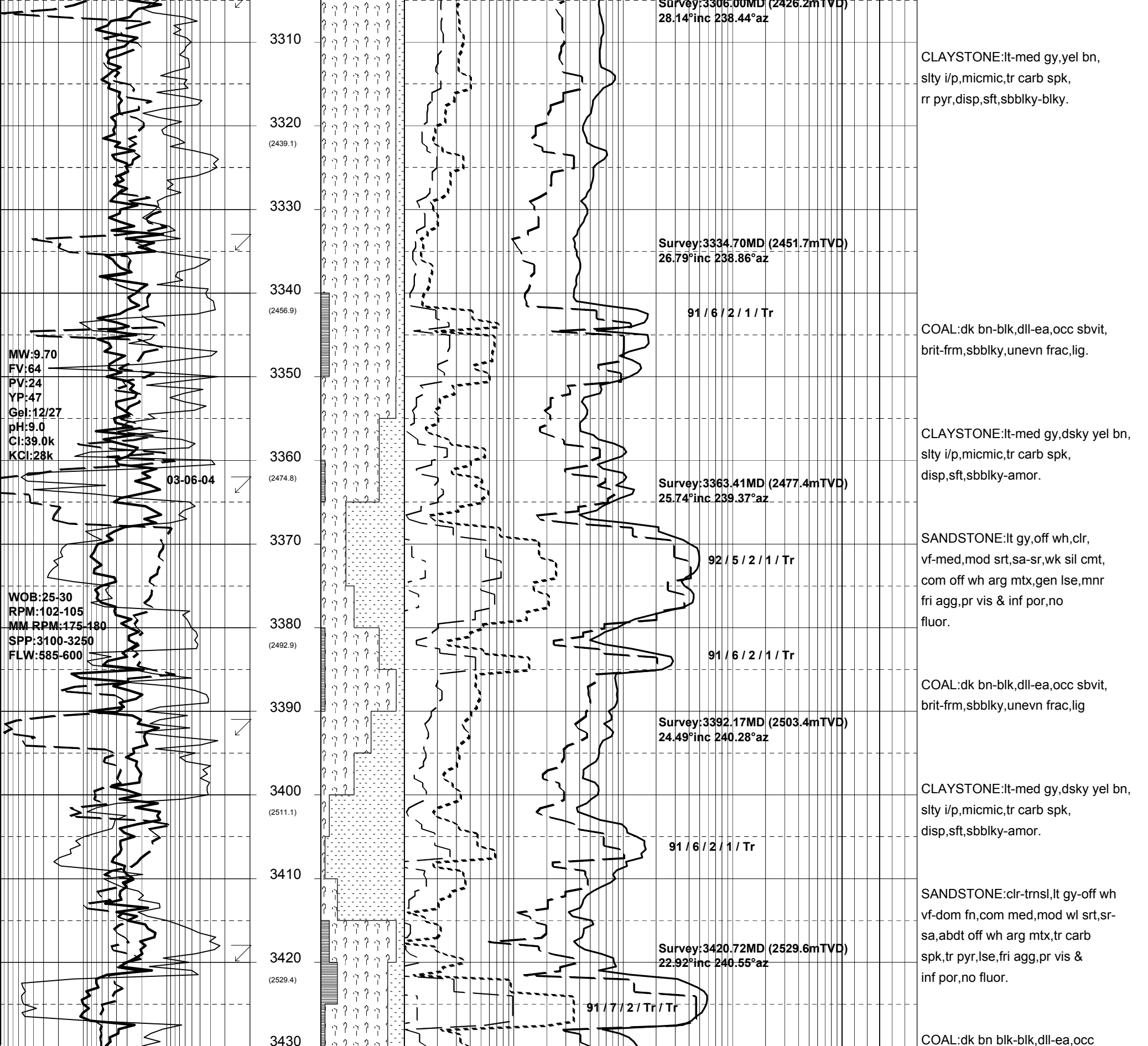


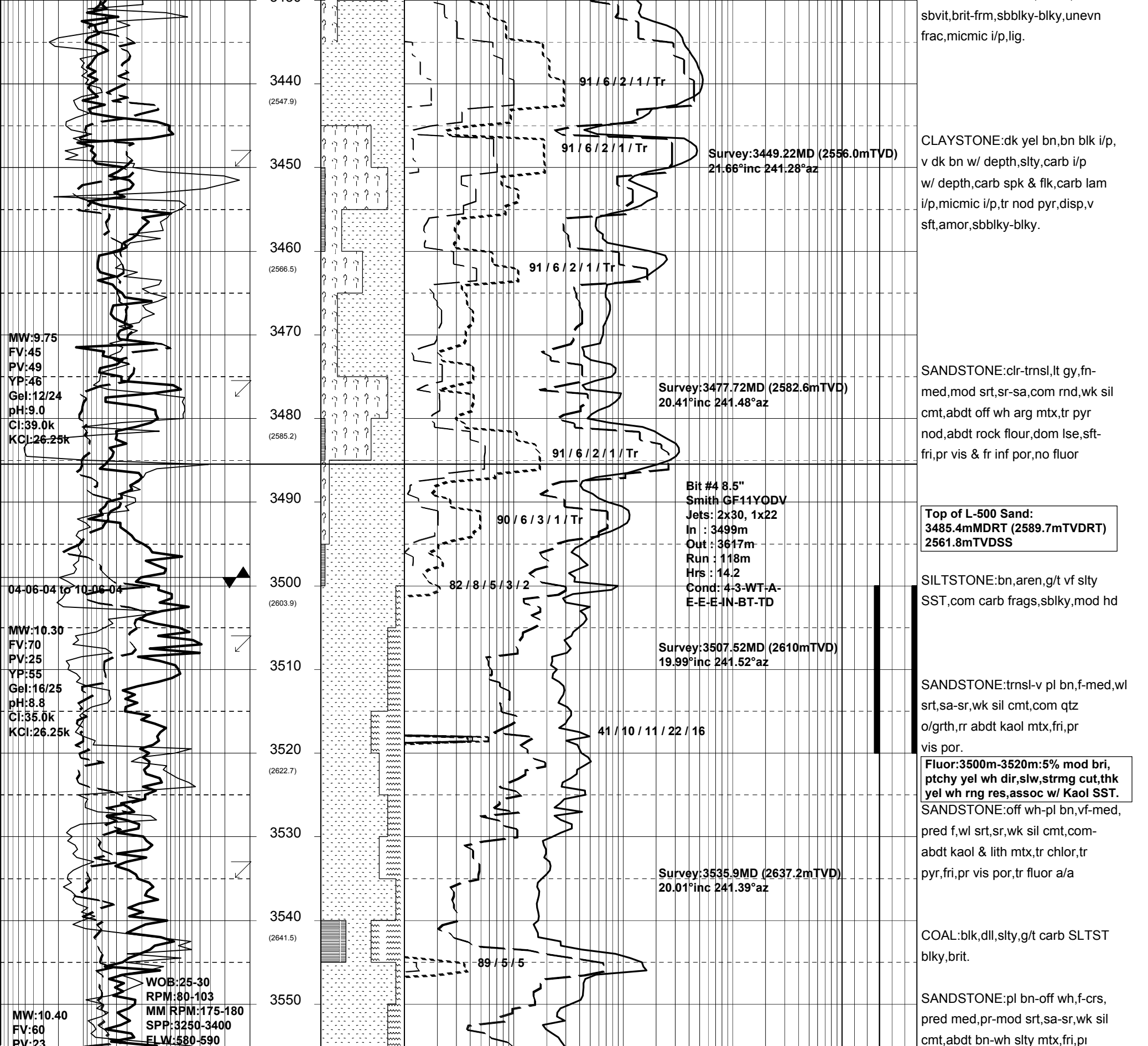












YP:50
Gel:15/24
pH:8.8
Cl:37.0k
KCl:27.20k

3560

(2660.3)

Survey:3564.39MD (2664.0mTVD)
19.41°inc 242.05°az

vis por,no fluor.

SILTSTONE:mott gy bn-blk,arg
i/p,aren i/p,com carb flk & frag
vf SST lam,frm,sbblky.

SANDSTONE:off wh,pl bn,vf-med,
pred f,wl srt,sr,wk sil cmt,abdt
Kaol & slty bn mtx,fri,pr vis
por.

3570

3580

(2679.3)

97 / 3

Survey:3593.49MD (2691.6mTVD)
18.05°inc 242.73°az

Fluor:3570m-3575m:5%,dim ptchy yel
slw strrng cut,thn rng res.

Near Top Cretaceous Shale:
3578.4mMDRT (2677.2mTVDRT)
2649.3mTVDSS

SILTSTONE:pl gy bn,arg,carb flk,
frm,disp,sbblky.

3590

93 / 4 / 2

3600

(2698.3)

95 / 3 / 2

SILTSTONE:(1)pl gy bn,v arg,carb
spk & lam,v disp,sbblky-amor.
(2)gy blk,v carb,com mic,pyr,mod
hd,sbblky.

3610

3620

Marlin A-22A Total Depth at
3617.0 mMDRT 2613.99 mTVDRT
21:15 hours on 10-06-2004

3630