



GAS RATIO LOG

WELL : CULVERIN-1



FROM (m): 1500

TO (m): 3780

SCALE: 1/ 500

GENERAL DATA

Client : NEXUS ENERGY

Country : AUSTRALIA

Permit : VIC/P-56

Basin : GIPPSLAND

Well Type : Exploration

Rig Name : OCEAN PATRIOT

LOCATION DATA

Latitude : 38° 24' 08.14" S

Longitude : 148° 39' 14.92" E

RT - LAT (m): 21.5

Water Depth (m): 585

CASING

762mm (30") Shoe: 650.0m

340mm (13 3/8") Shoe: 1511.1m

FINAL WELL DATA

Total Depth (mMDRT): 3758.0

TVD SS (m): 3732.4

Date Well Spudded : 16-12-05

Date TD Reached : 06-01-05

Final Status : P & A

GAS RATIOS FORMULAE

GAS WETNESS RATIO (Wh)

$$GWR = (C2 + C3 + C4 + C5) / (C1 + C2 + C3 + C4 + C5) * 100$$

LIGHT TO HEAVY RATIO (Bh)

$$LHR = (C1 + C2) / (C3 + C4 + C5)$$

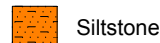
OIL CHARACTER QUALIFIER (Ch)

$$OCQ = (C4 + C5) / (C3)$$

LITHOLOGY LEGEND



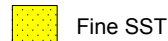
Claystone



Siltstone



Shale



Fine SST



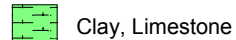
Medium SST



Coarse SST



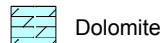
Marl



Clay, Limestone



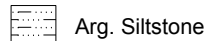
Limestone



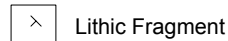
Dolomite



Coal



Arg. Siltstone



Lithic Fragment



Foraminifera



Fossils



Bryozoa



Sponges



Brachiopoda



Cement



Glauconite



Pyrite



Iron Minerals



Mica



Carb Fragments

1 unit = 200 ppm methane equivalent in air

GEOSERVICES CREW

ALS ENGINEERS

D.ADDERLEY

T.PLATT

A.DUNN

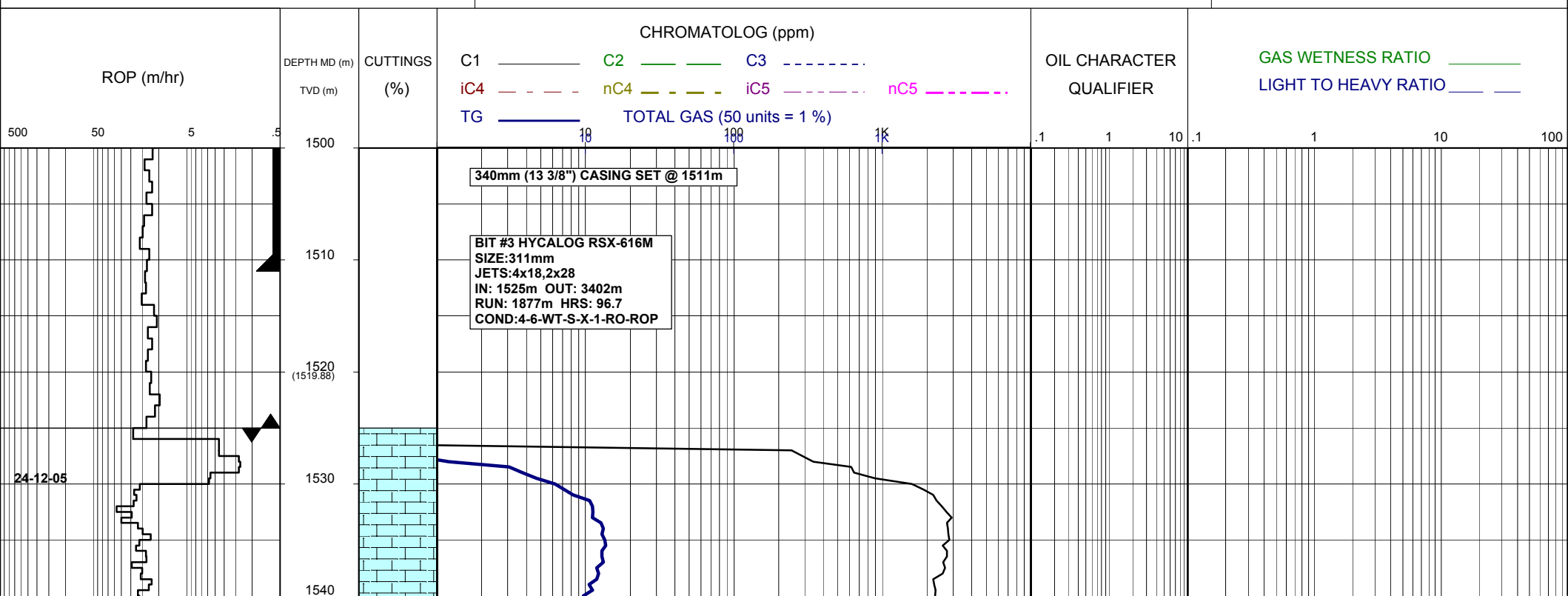
S.PROSSER

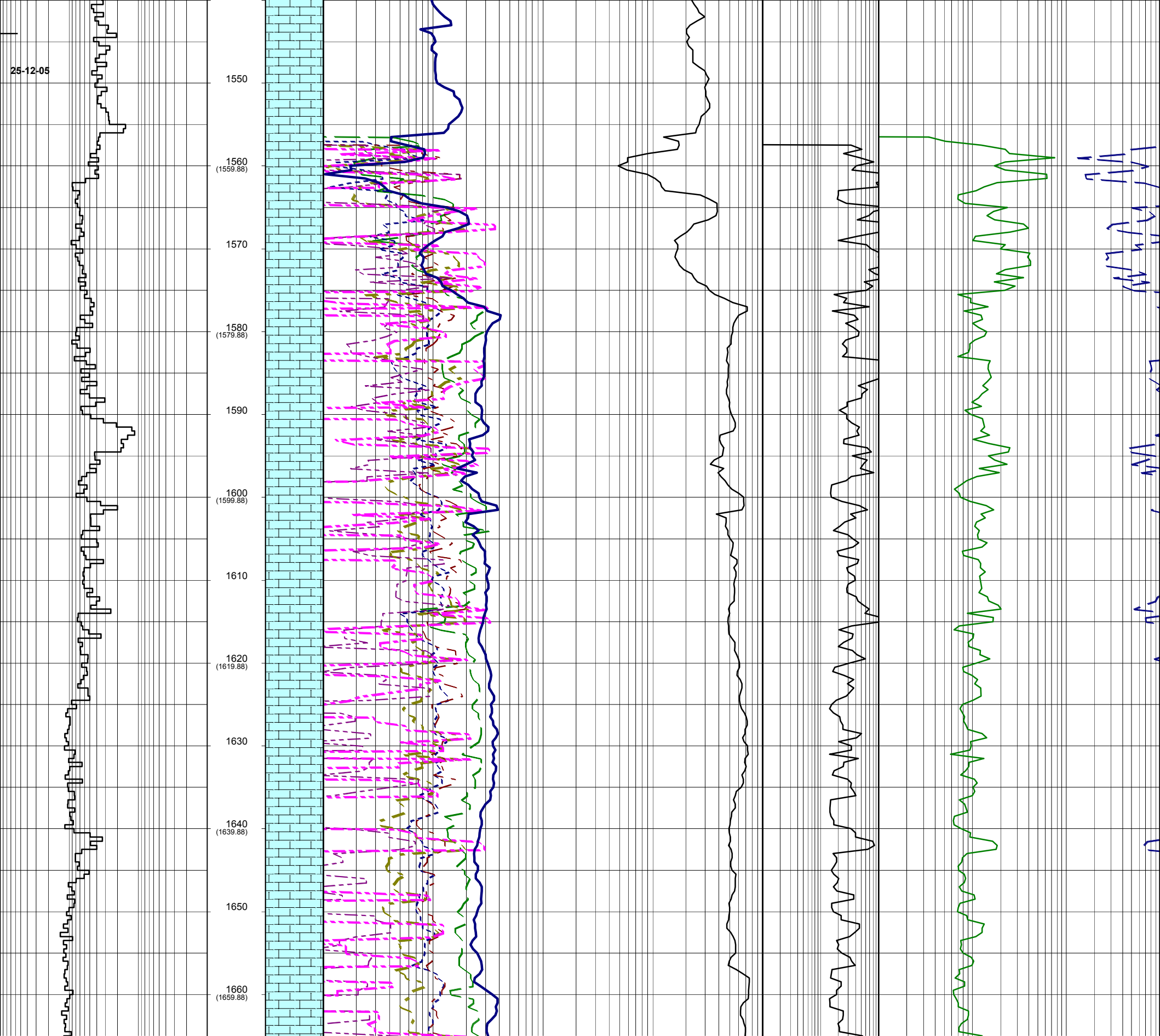
MUDLOGGERS

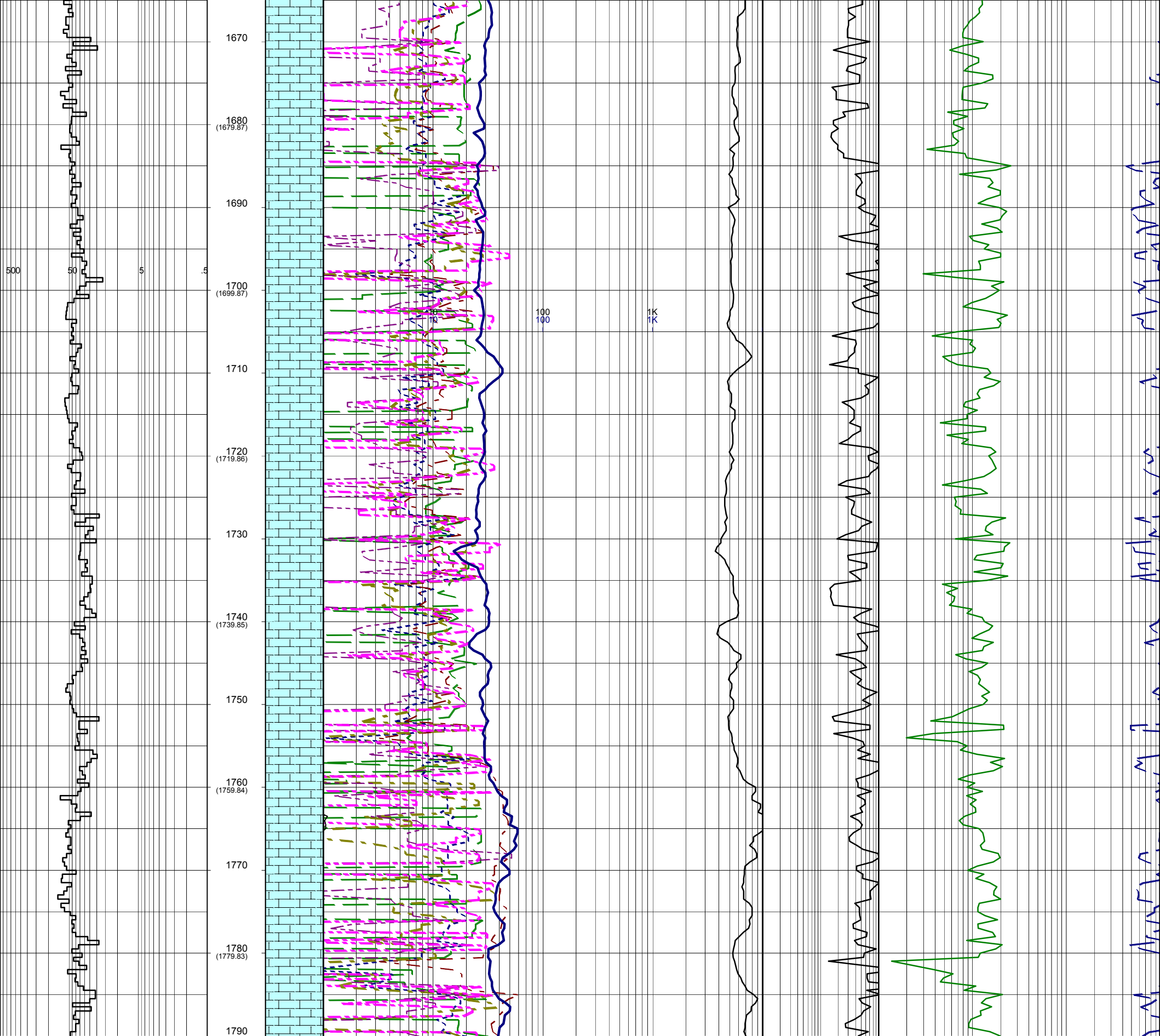
N.ELLIOTT

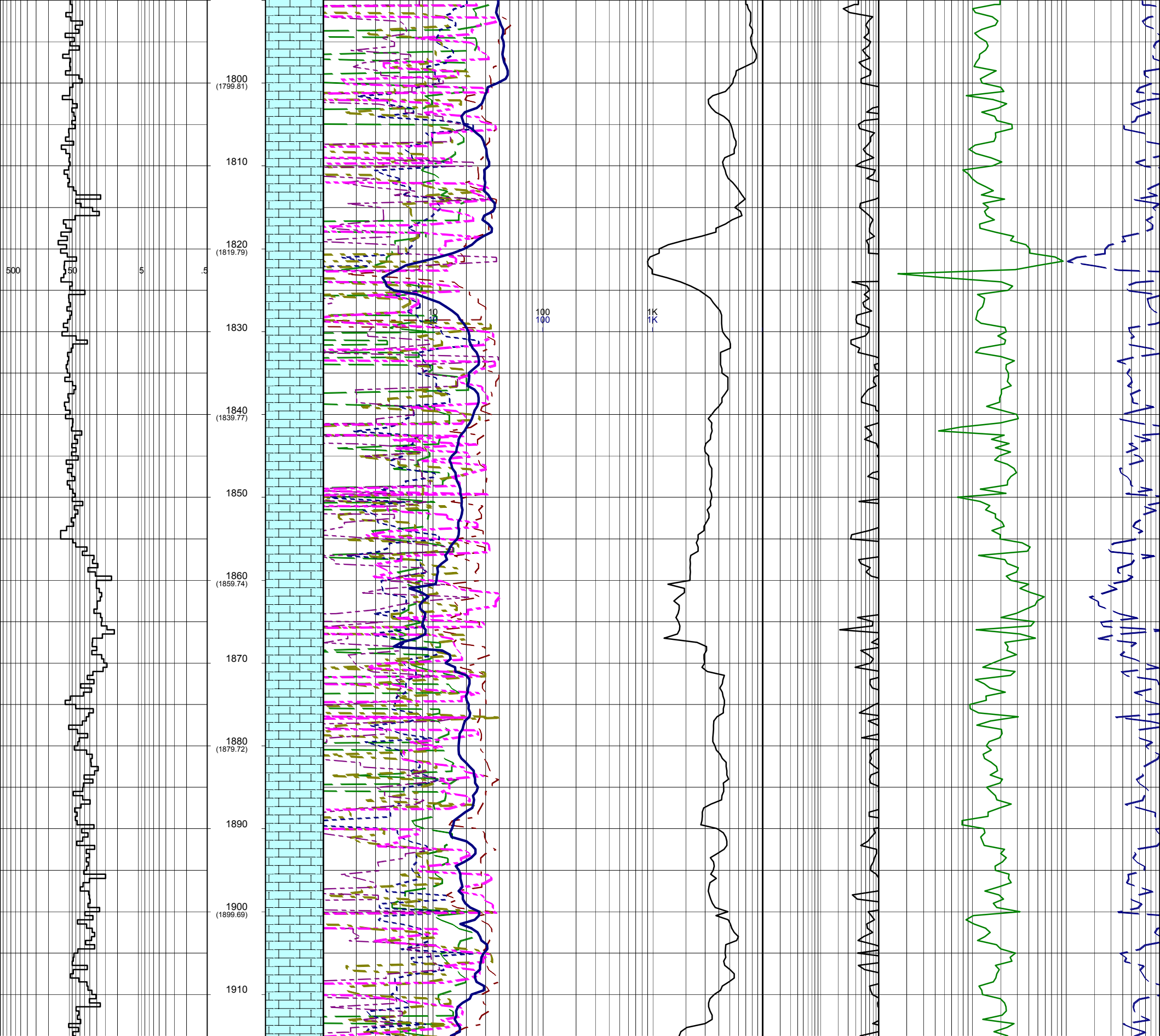
F.MAKHAD

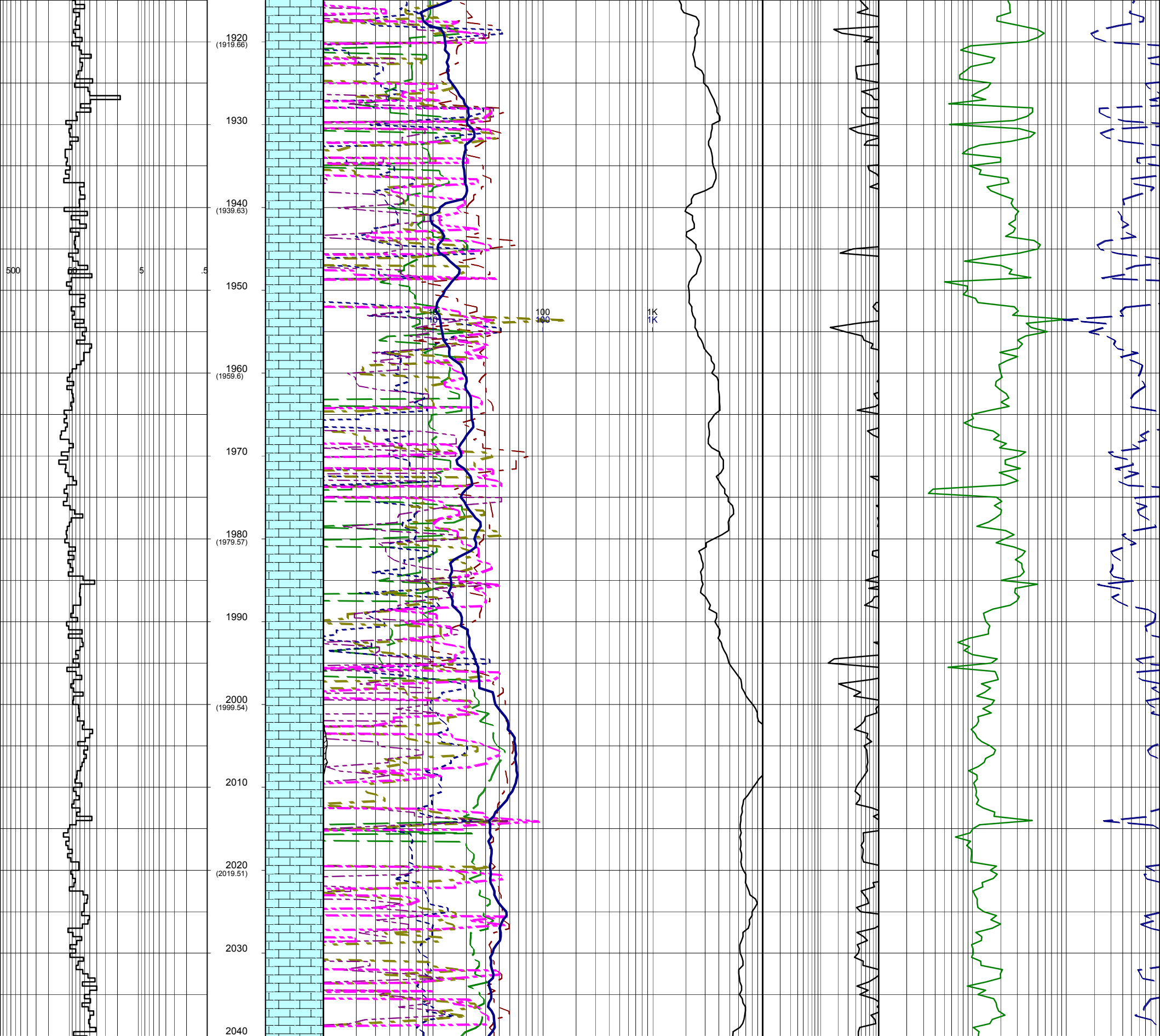
M.BARRETO

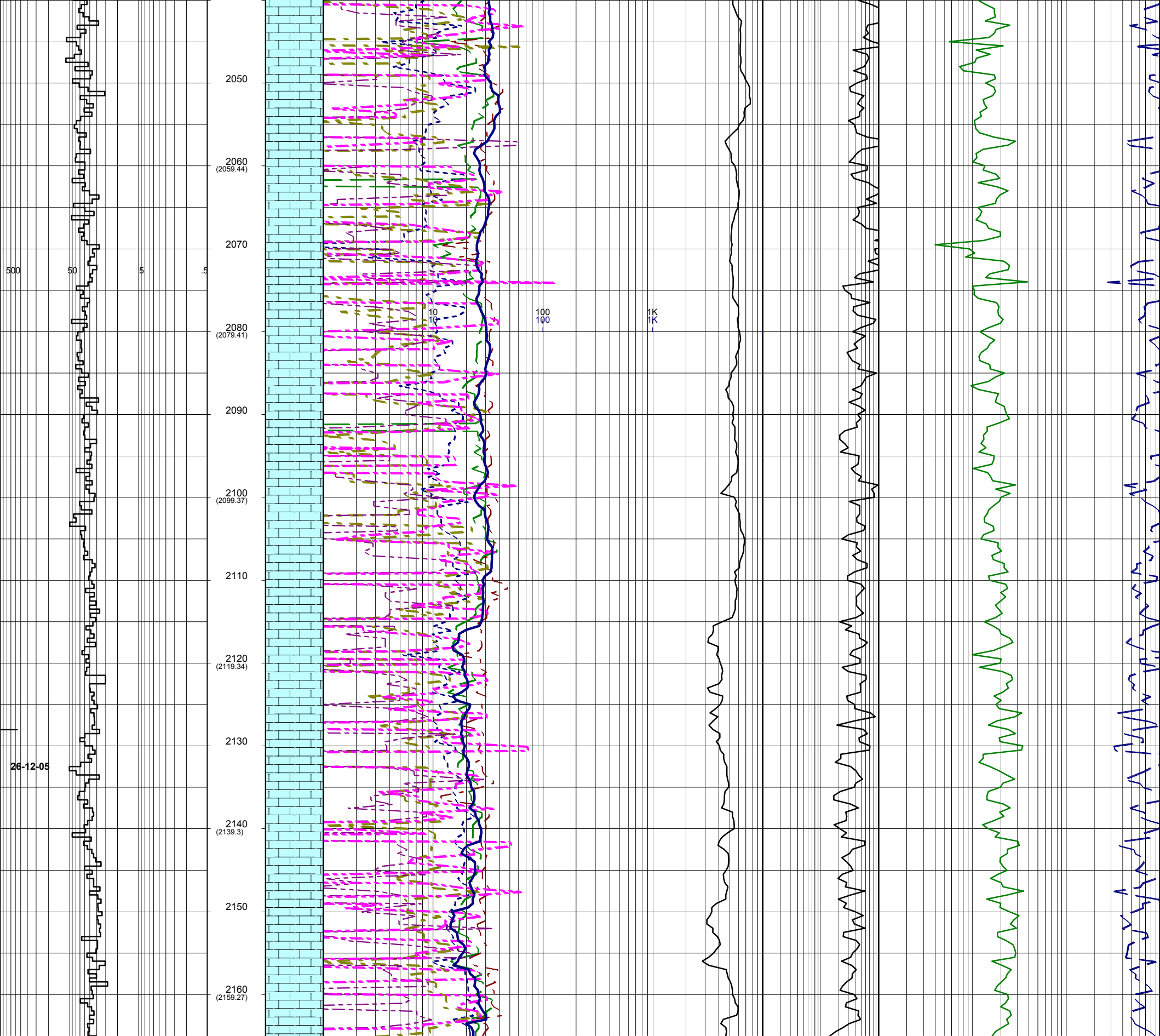


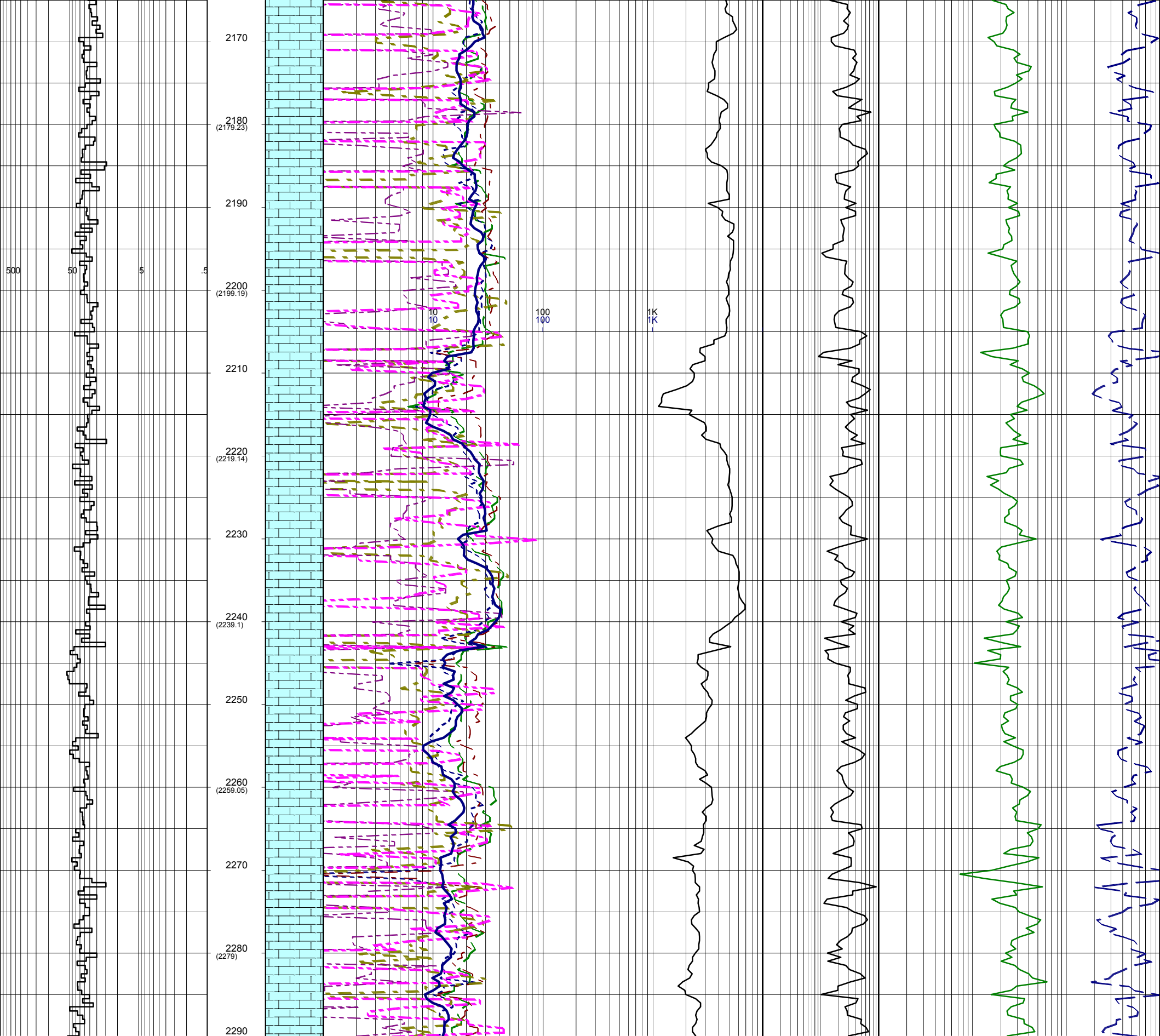


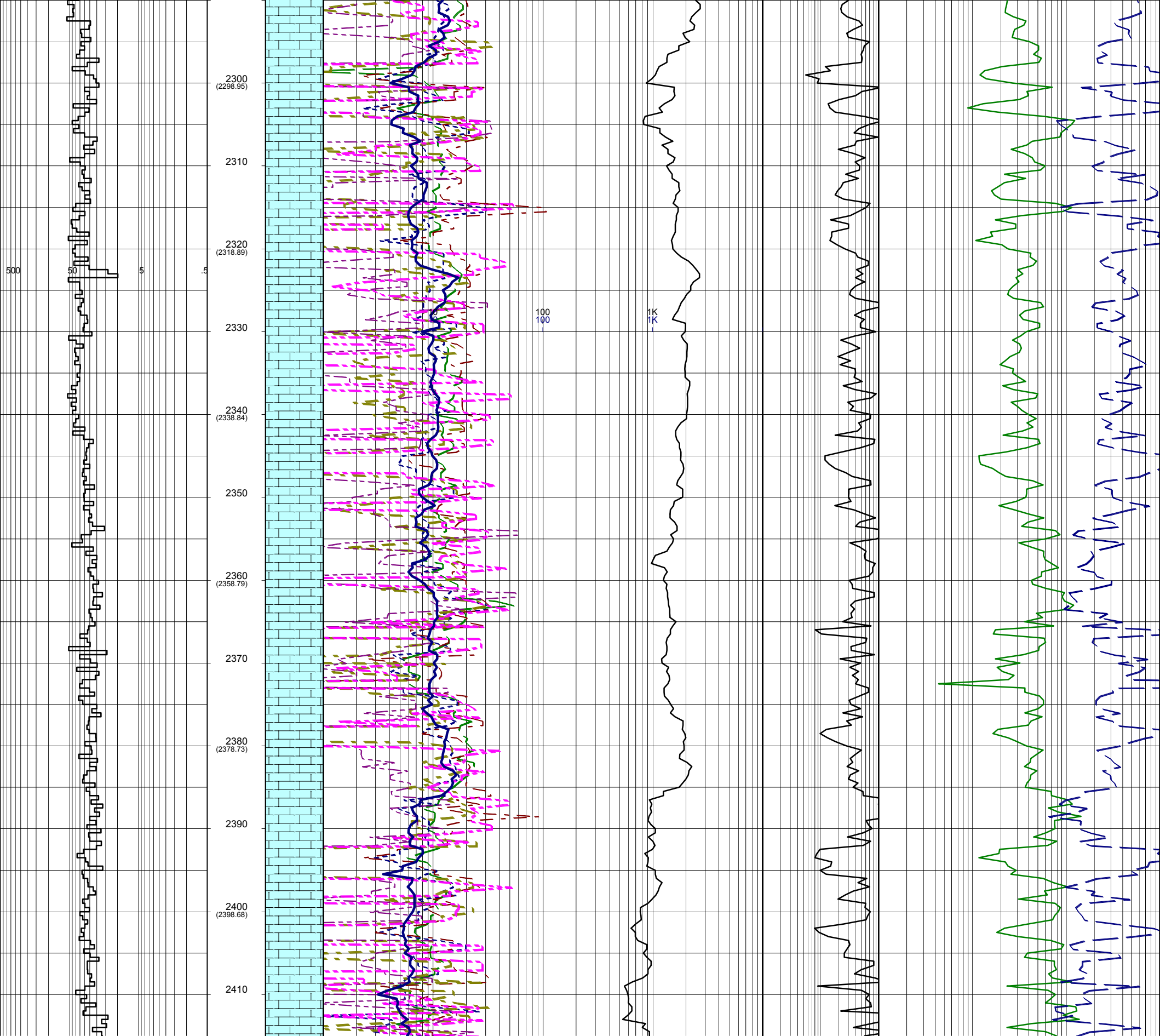


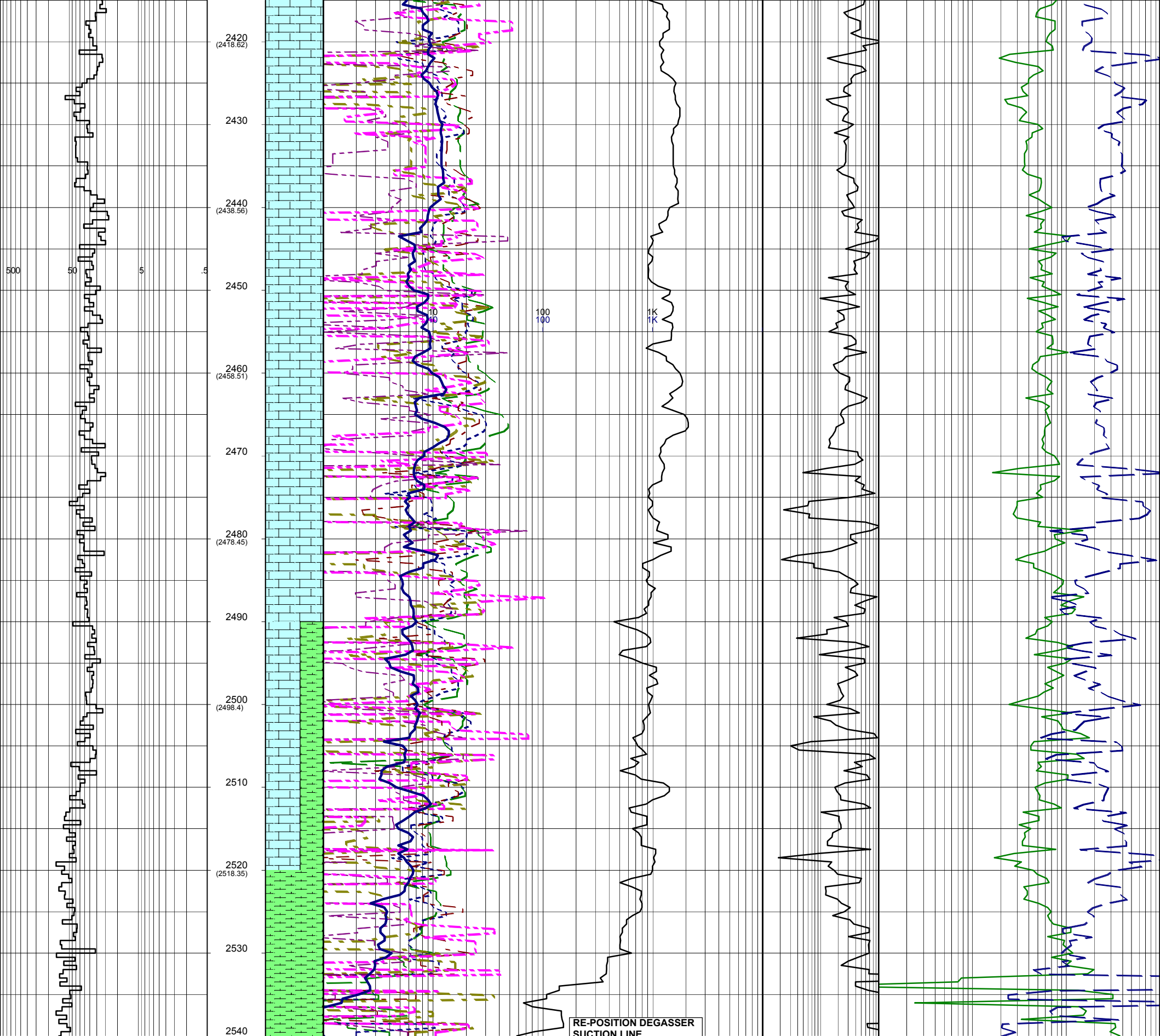


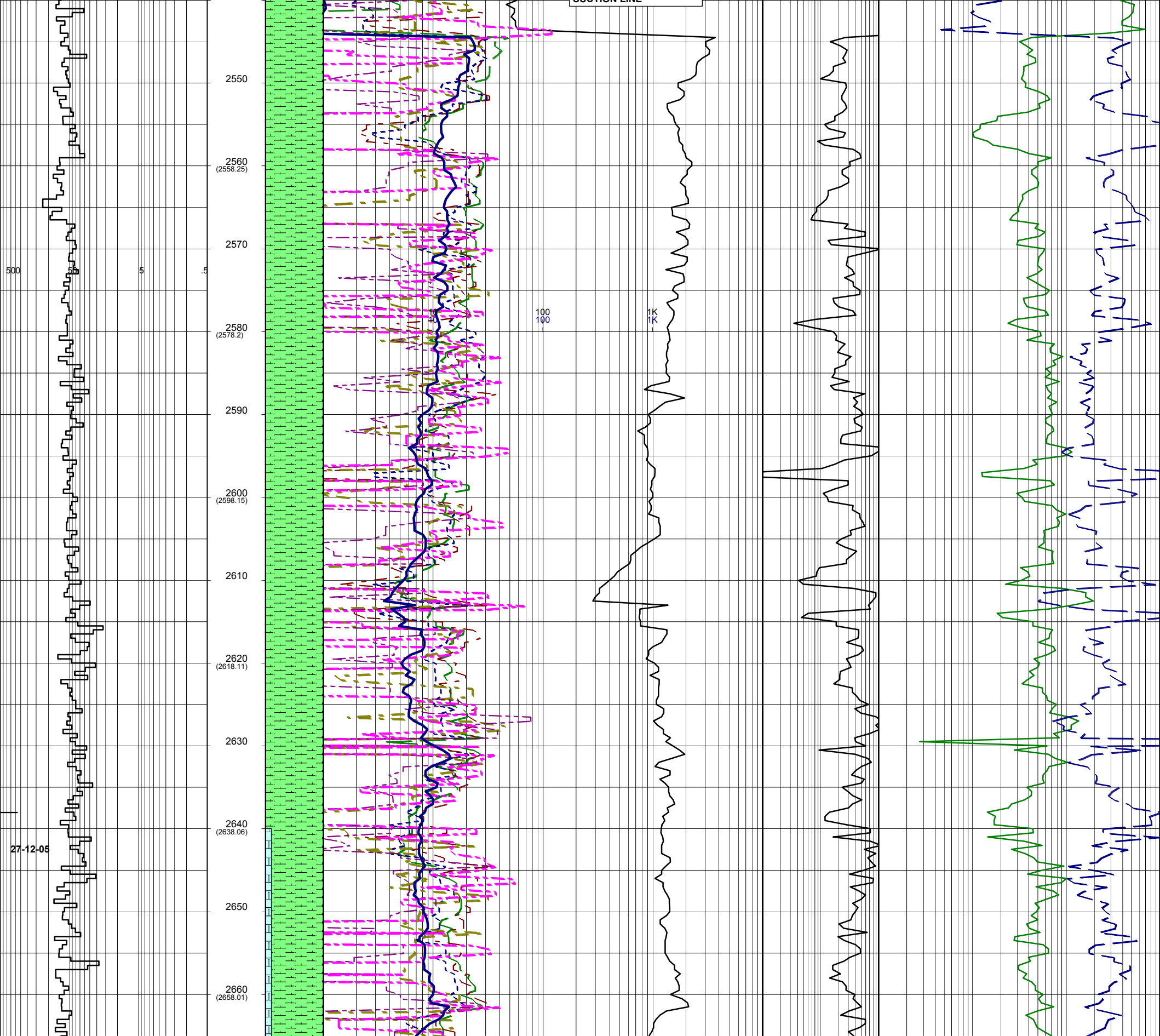


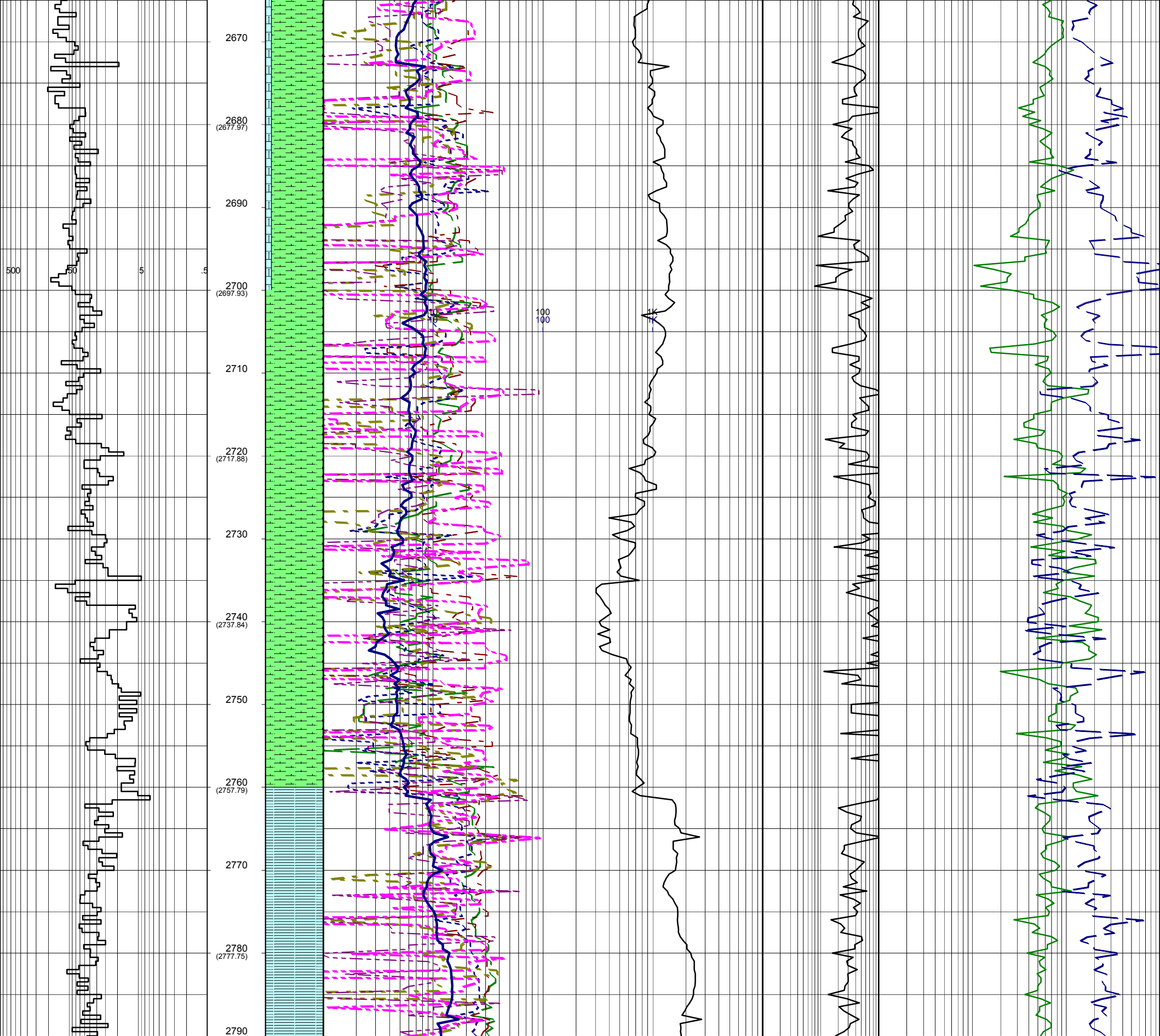


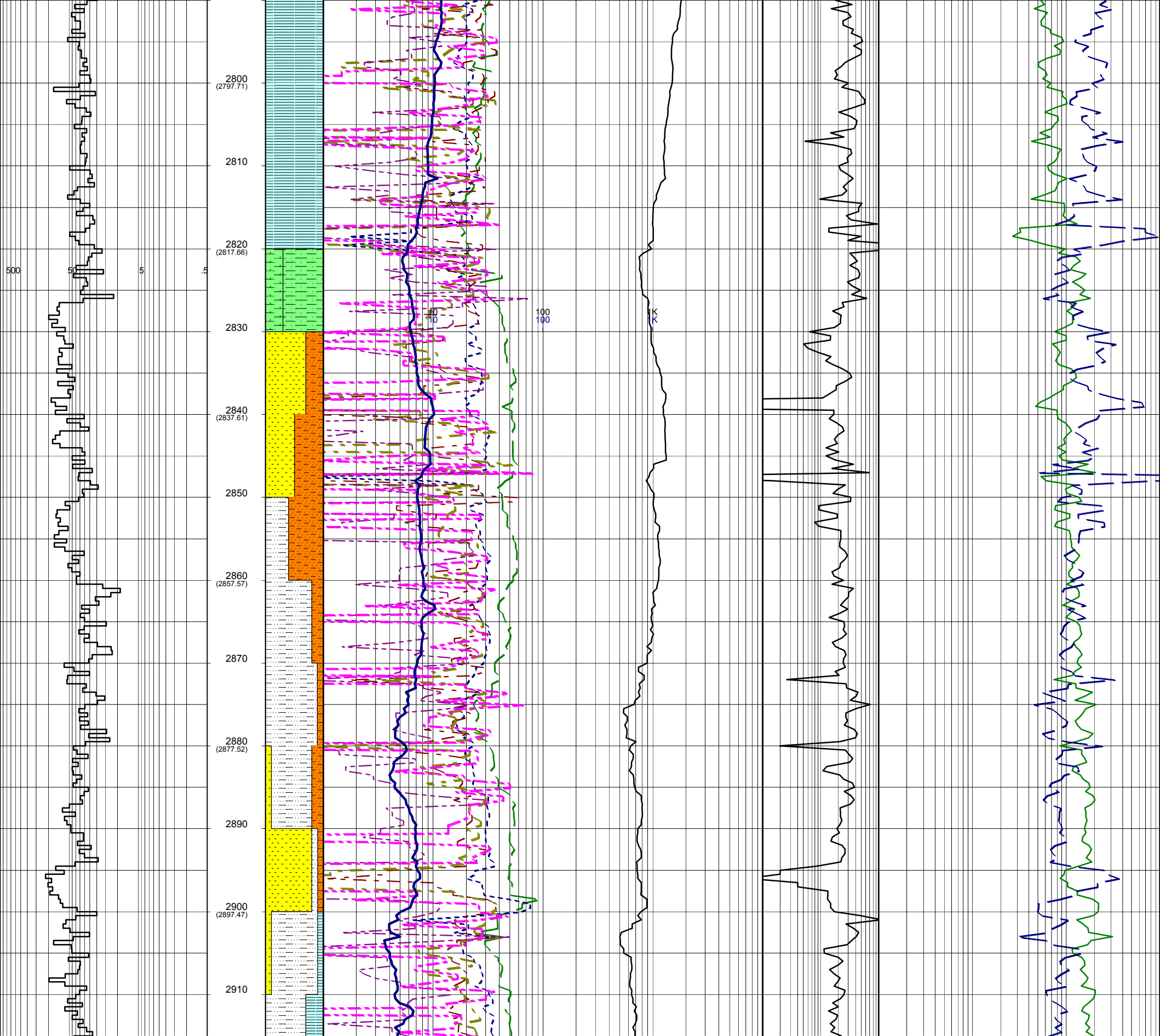


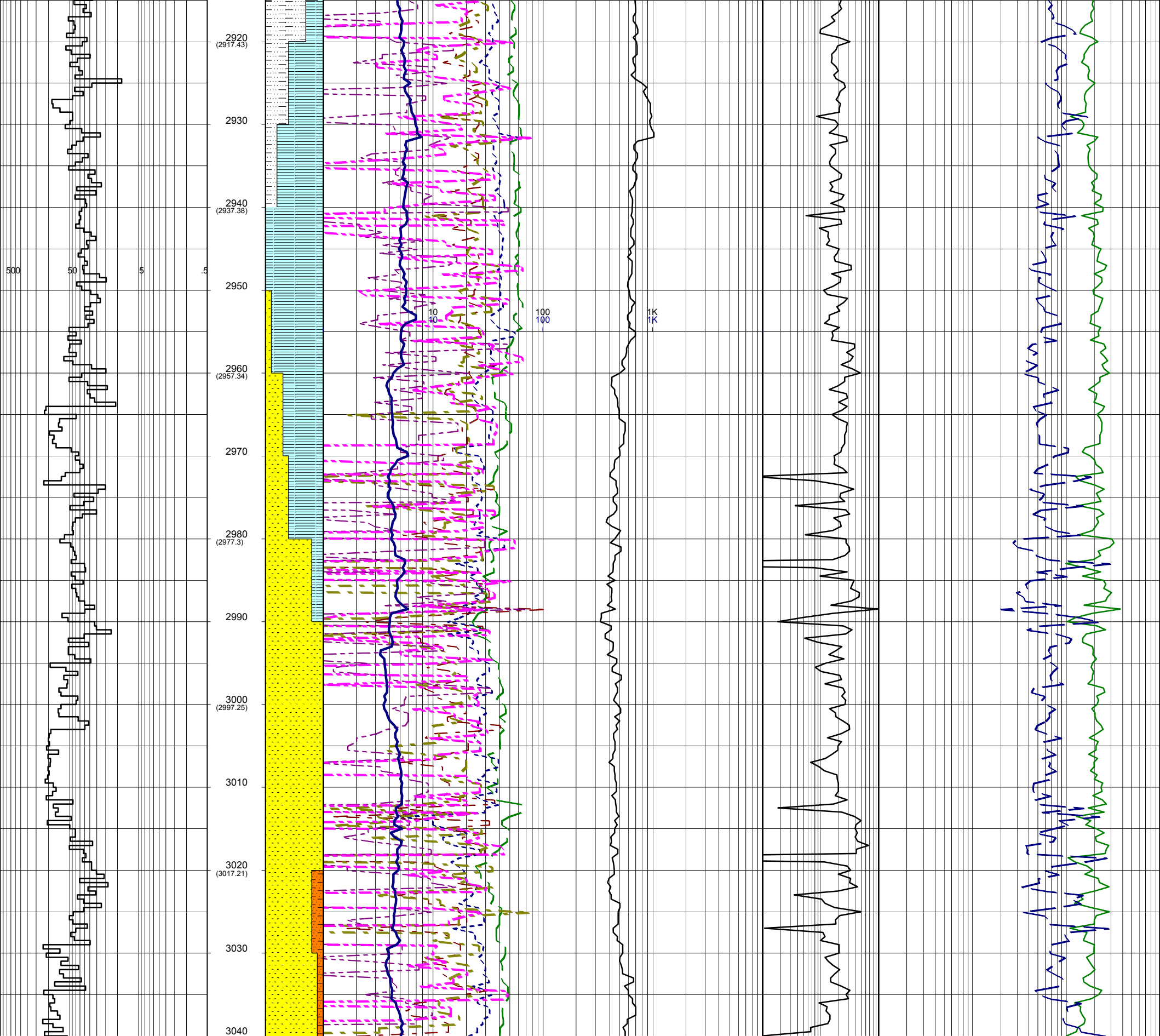


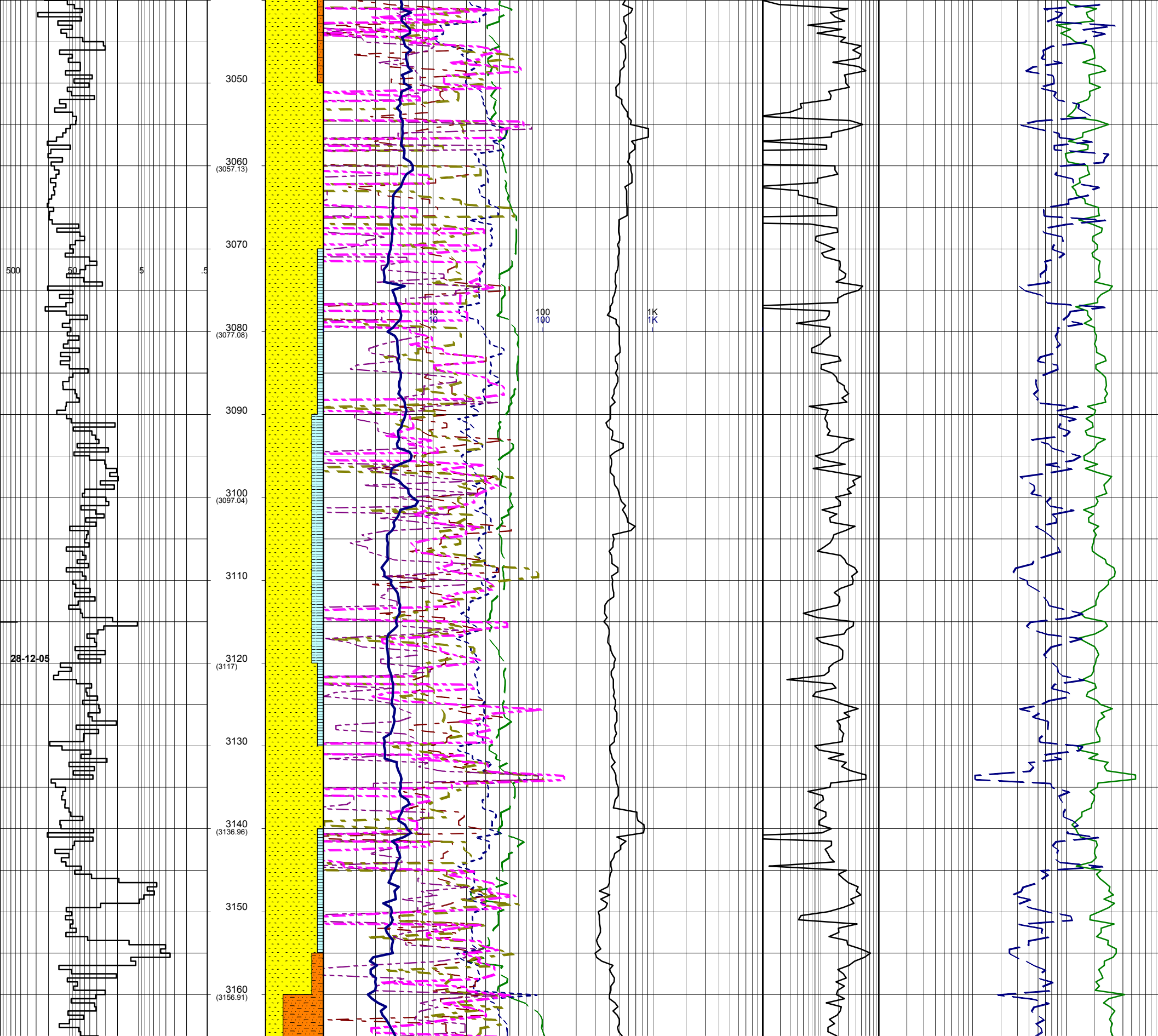


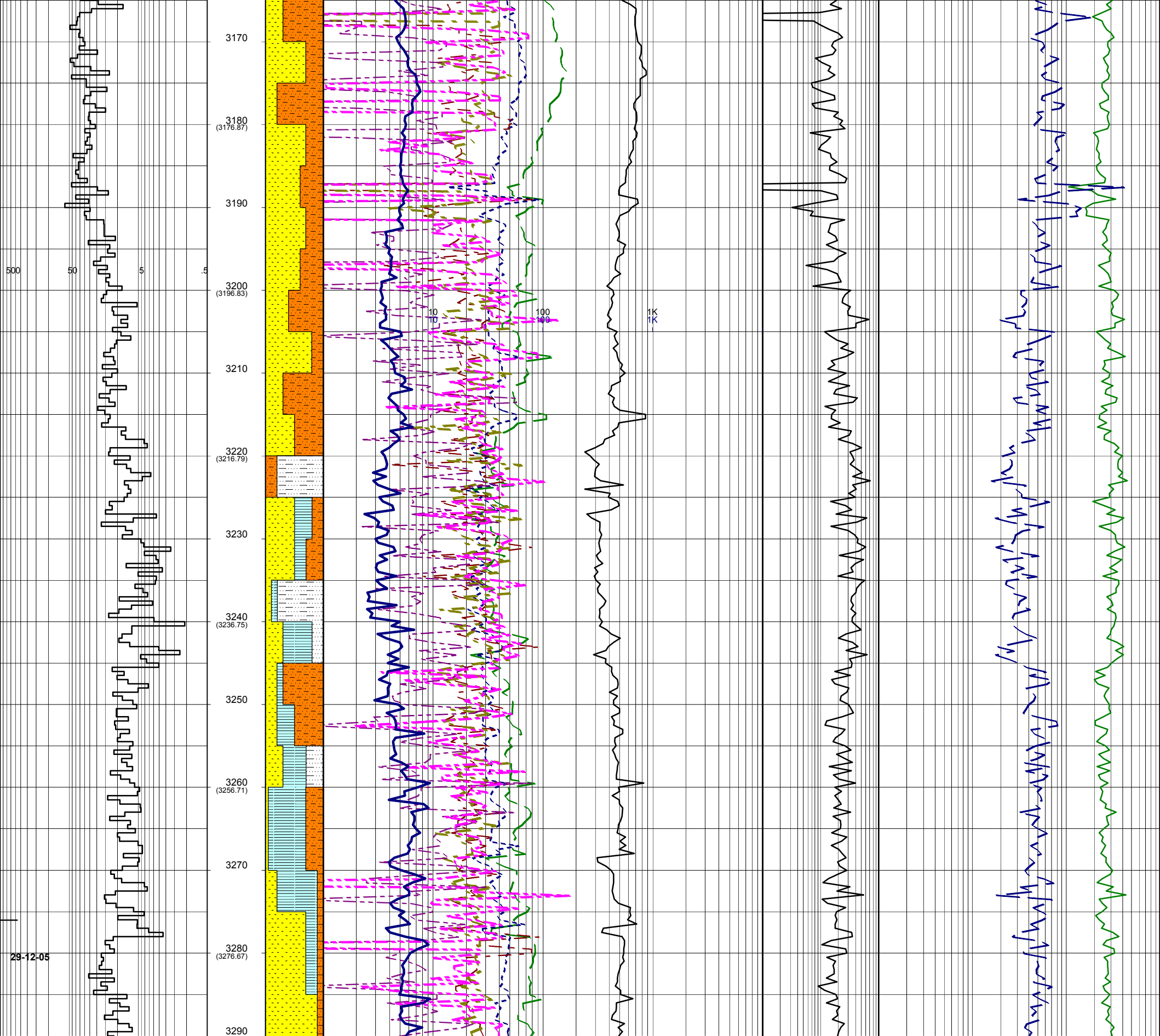


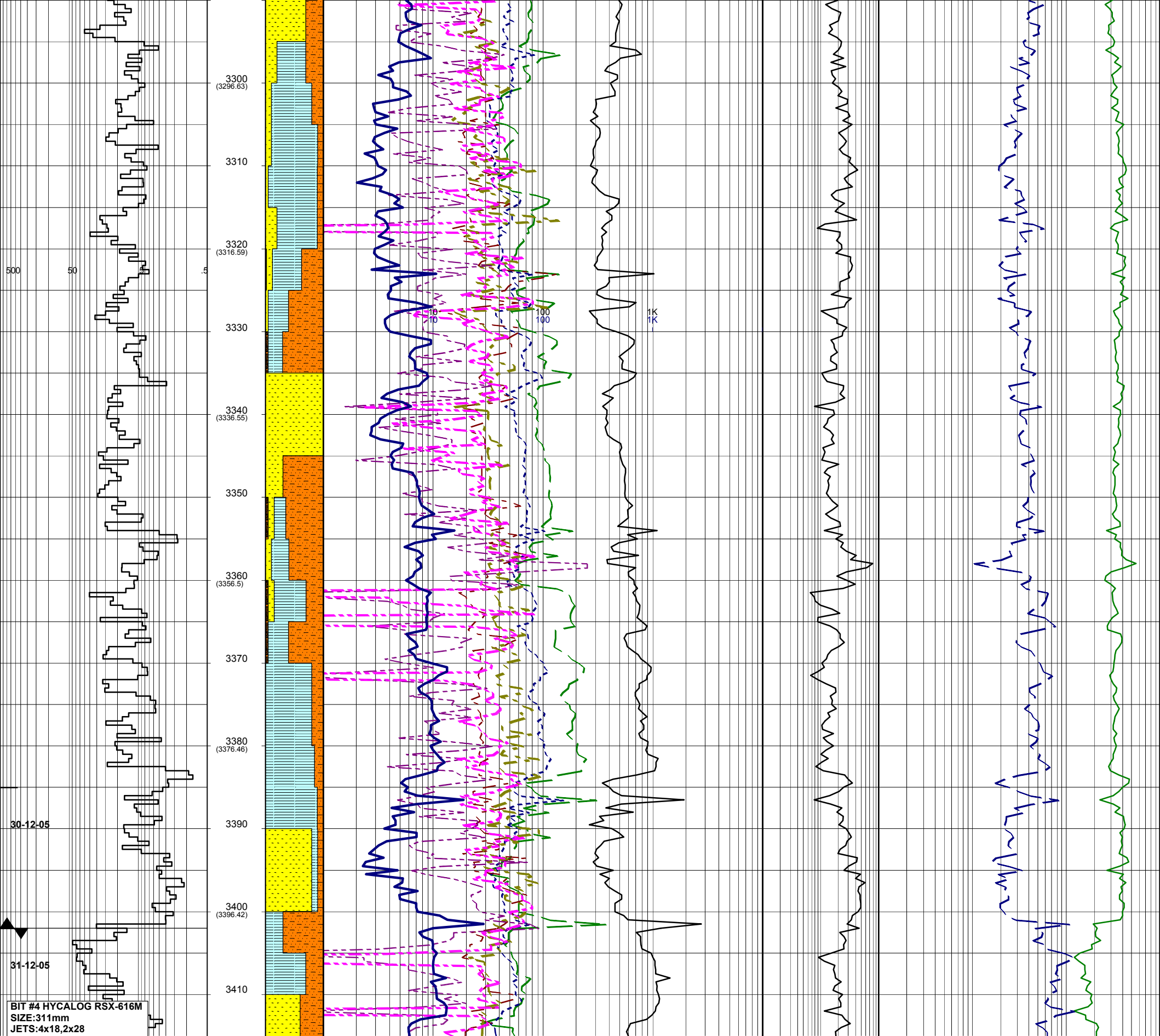












IN: 3402m OUT: 3571m
RUN: 169m HRS: 27.0
COND: 3-5-WT-S-X-1-LT-PP

