

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **Mickey 7**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 346

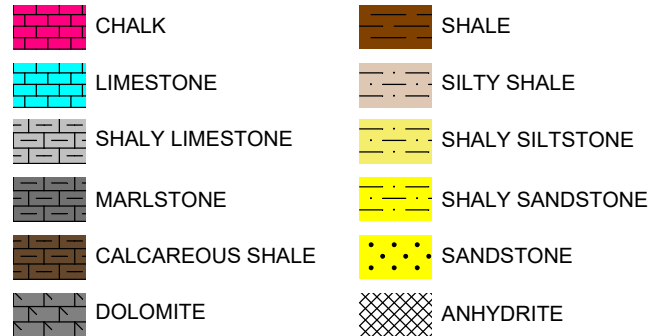
API #: 05-123-43857

LAT/LONG: 40.516397, -104.914525  
SURFACE HOLE: SWNE S5-T6N-R67W, 2420' FNL, 1858' FEL  
BOTTOM HOLE: S3-T6N-R67W, 1281' FNL, 2625' FEL

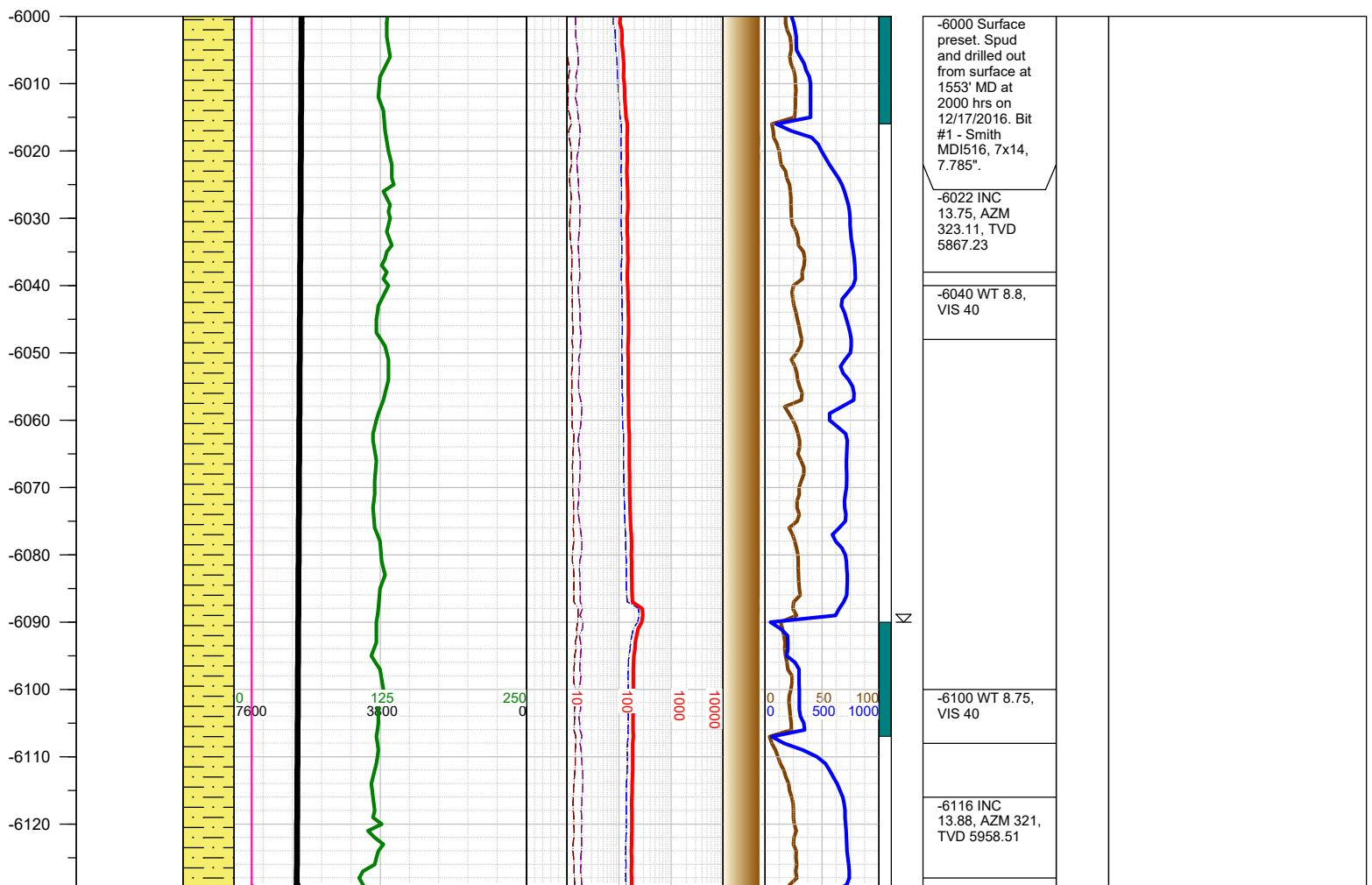
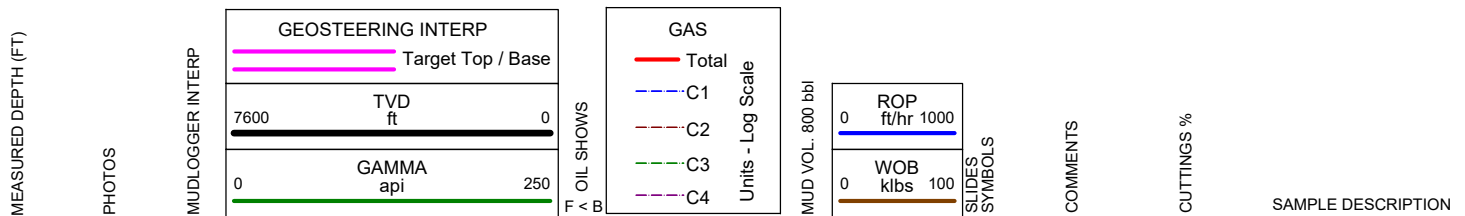


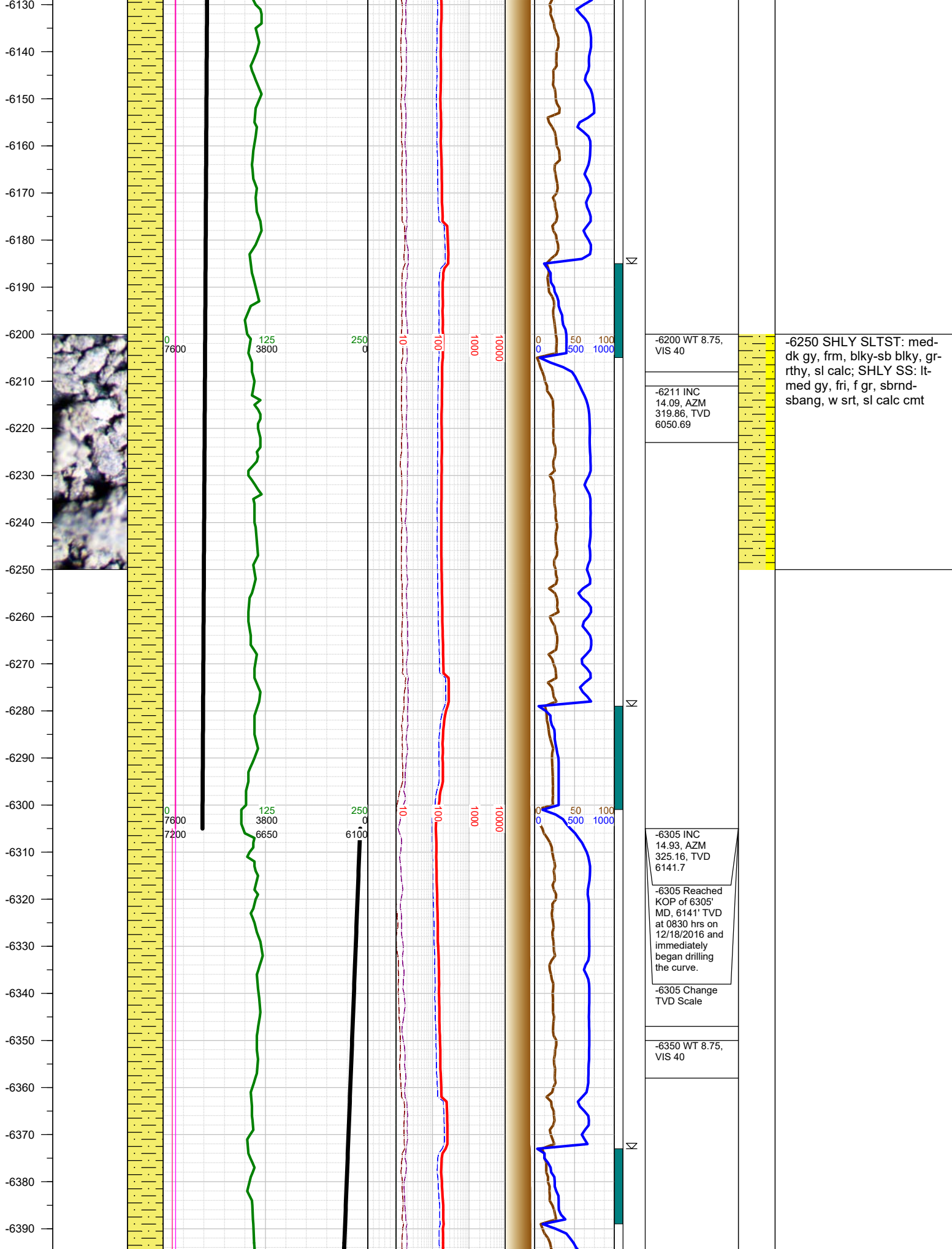
COUNTY: Weld  
STATE: Colorado  
GROUND ELEVATION: 4880'  
KELLY BUSHING: 4905'  
DRILLING FLUID: OBM  
TVD VS. MD: 7273' / 17605'  
SPUD DATE: December 17, 2016  
TD DATE: December 23, 2016  
  
DEPTHS LOGGED: 6000' - 17605'  
DATES LOGGED: December 18, 2016 - December 23, 2016  
GEOLOGISTS: Dominic Pitre, Joe Coon  
SCALE: 5" = 100'

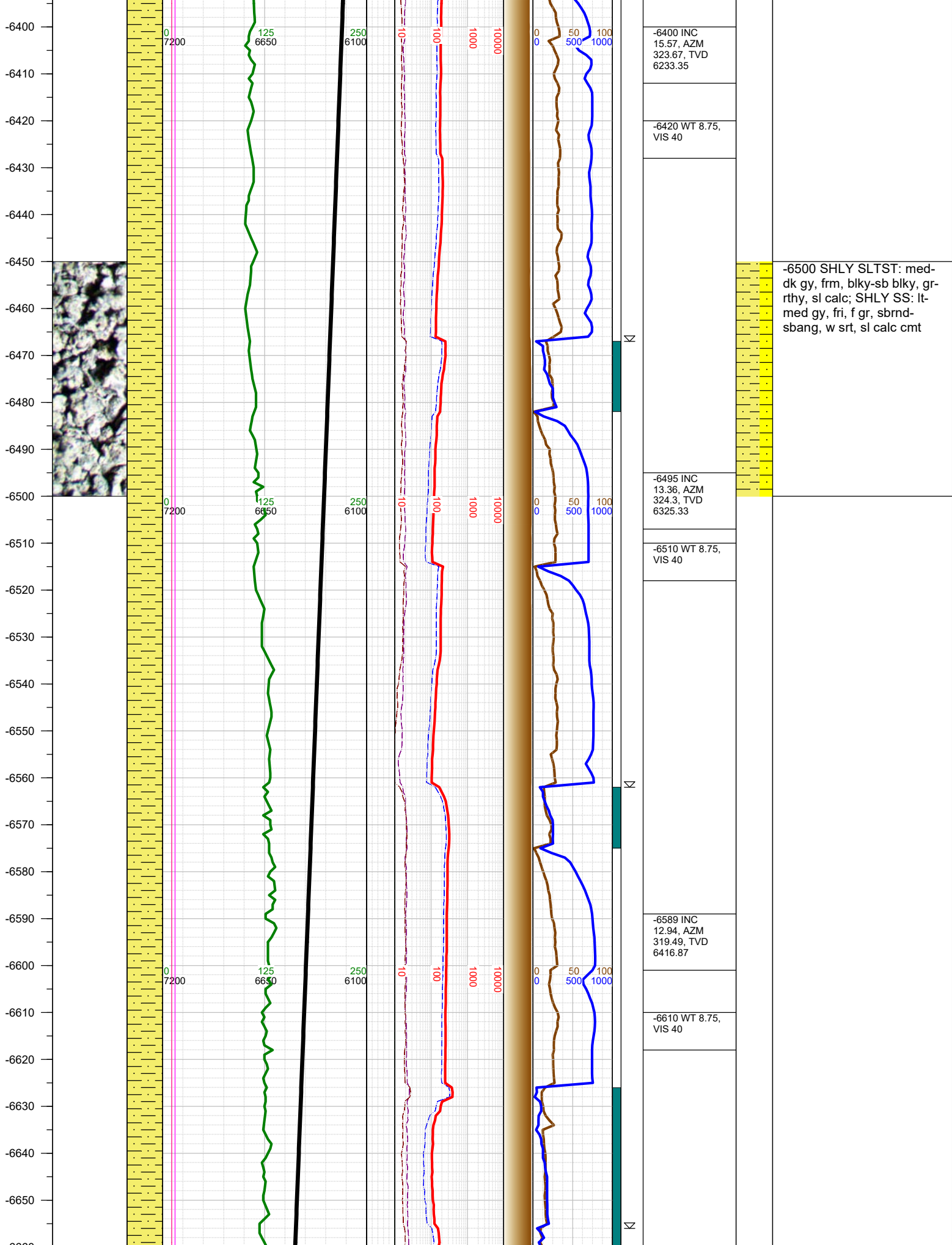
#### LEGEND

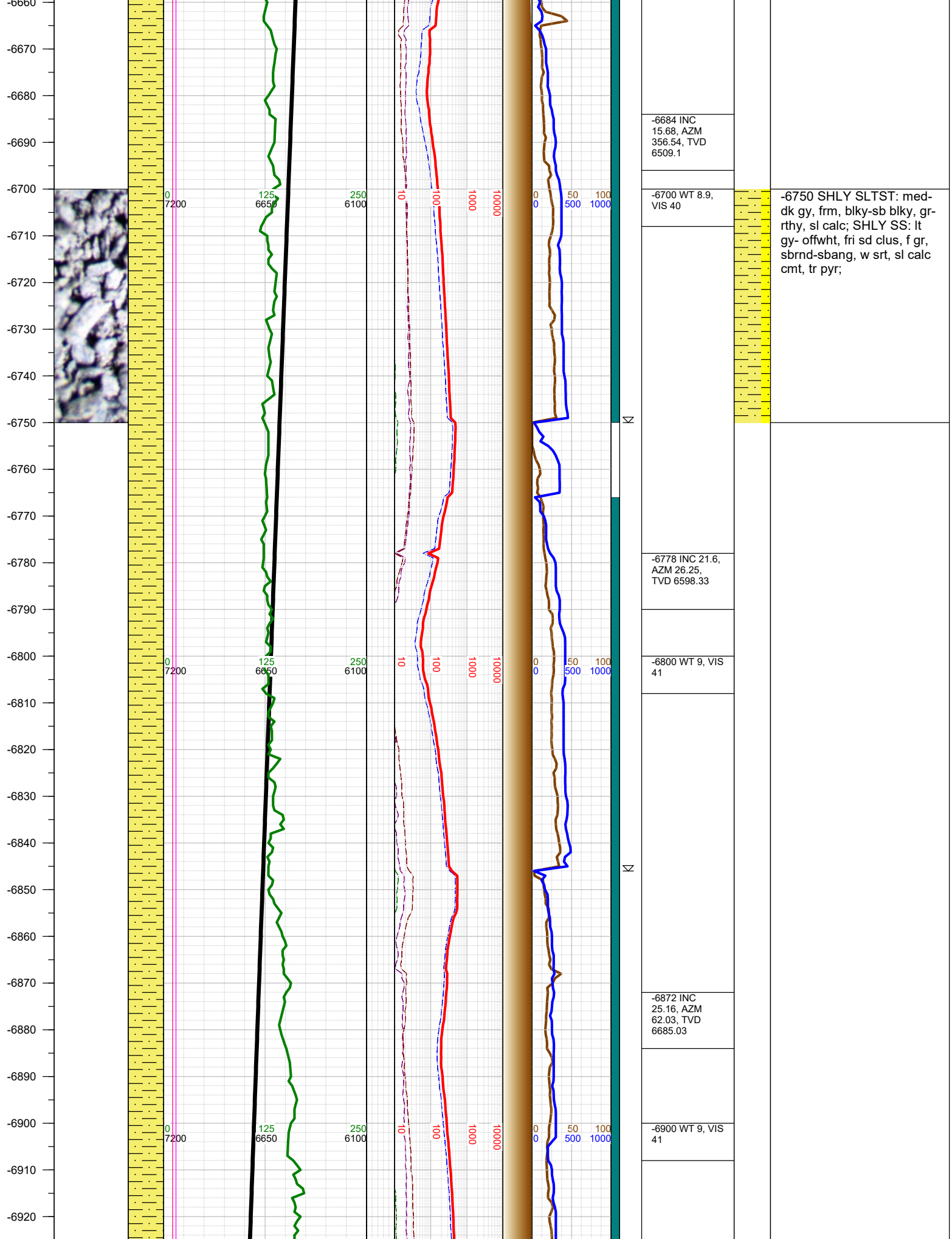


FORMATION  $\approx$  CONNECTION  $\Delta$  MIDNIGHT NEW BIT GAS SHOW FAULT

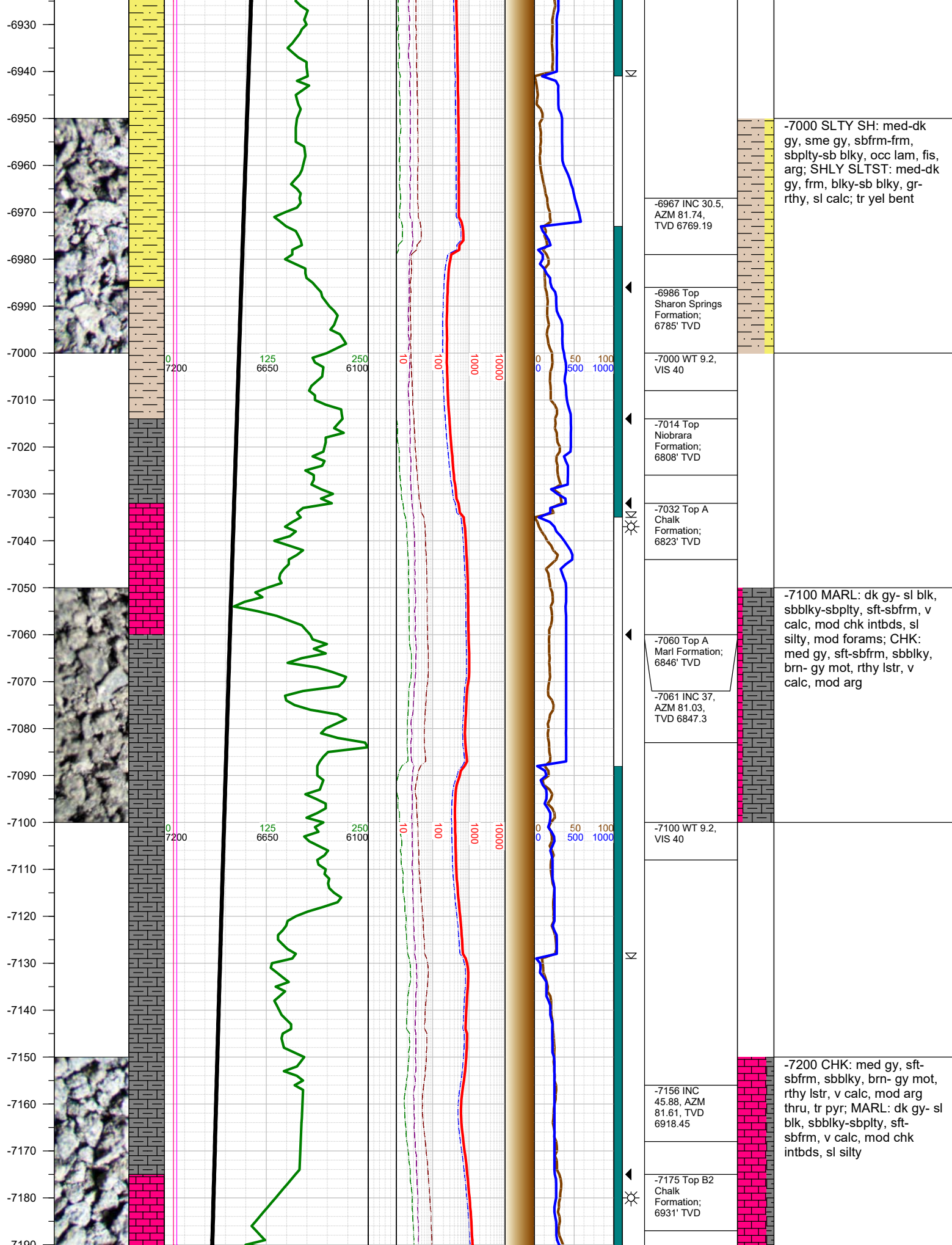


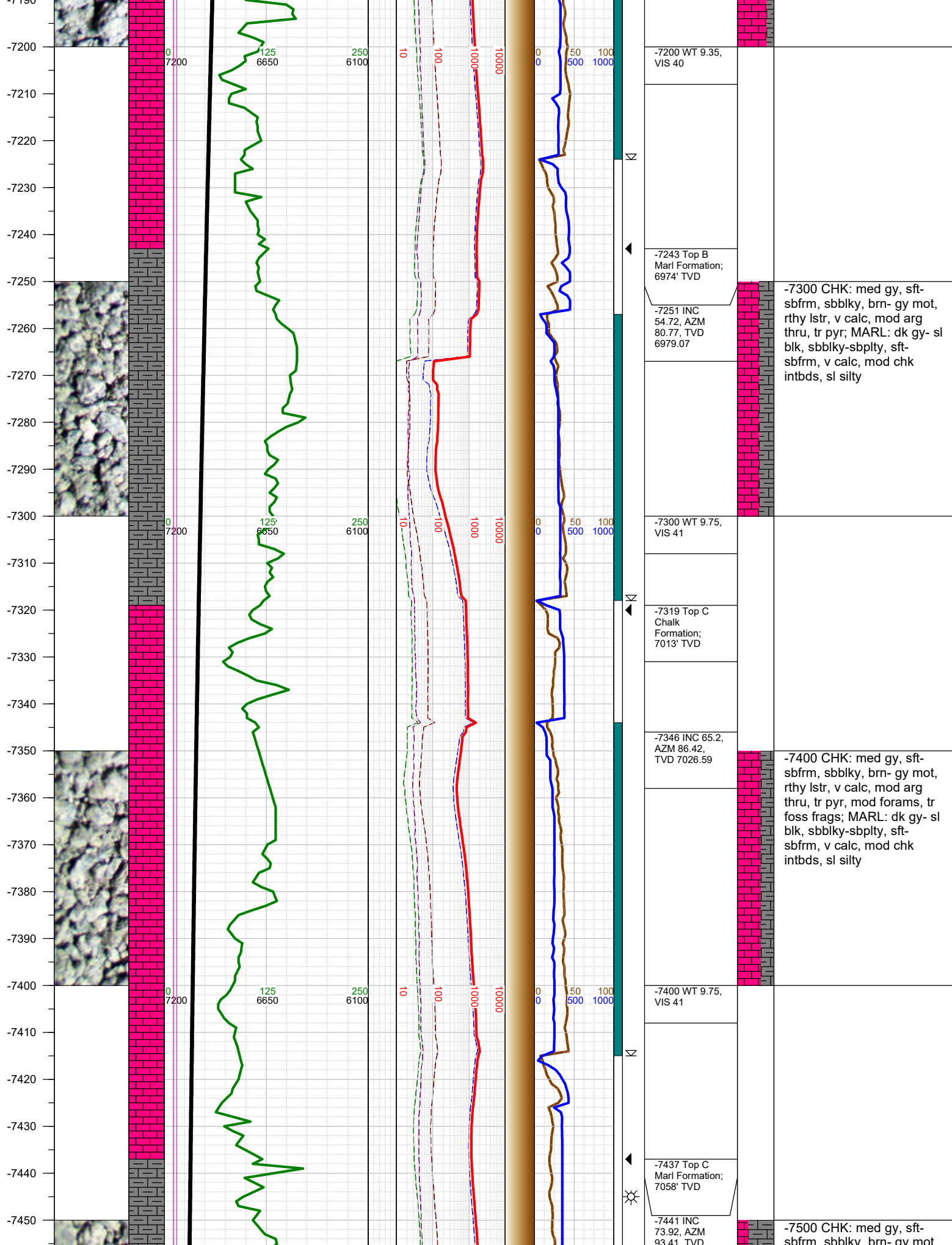


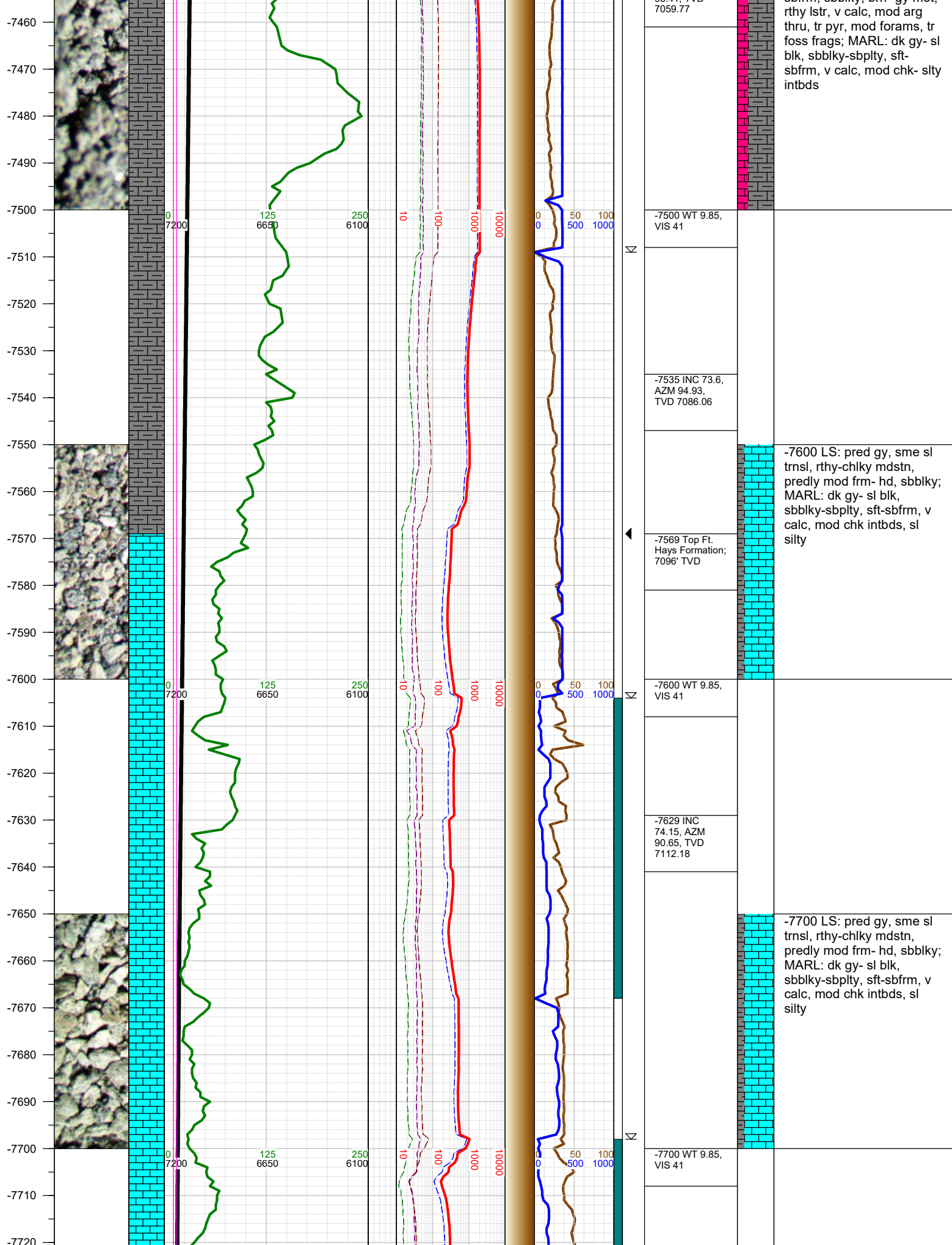




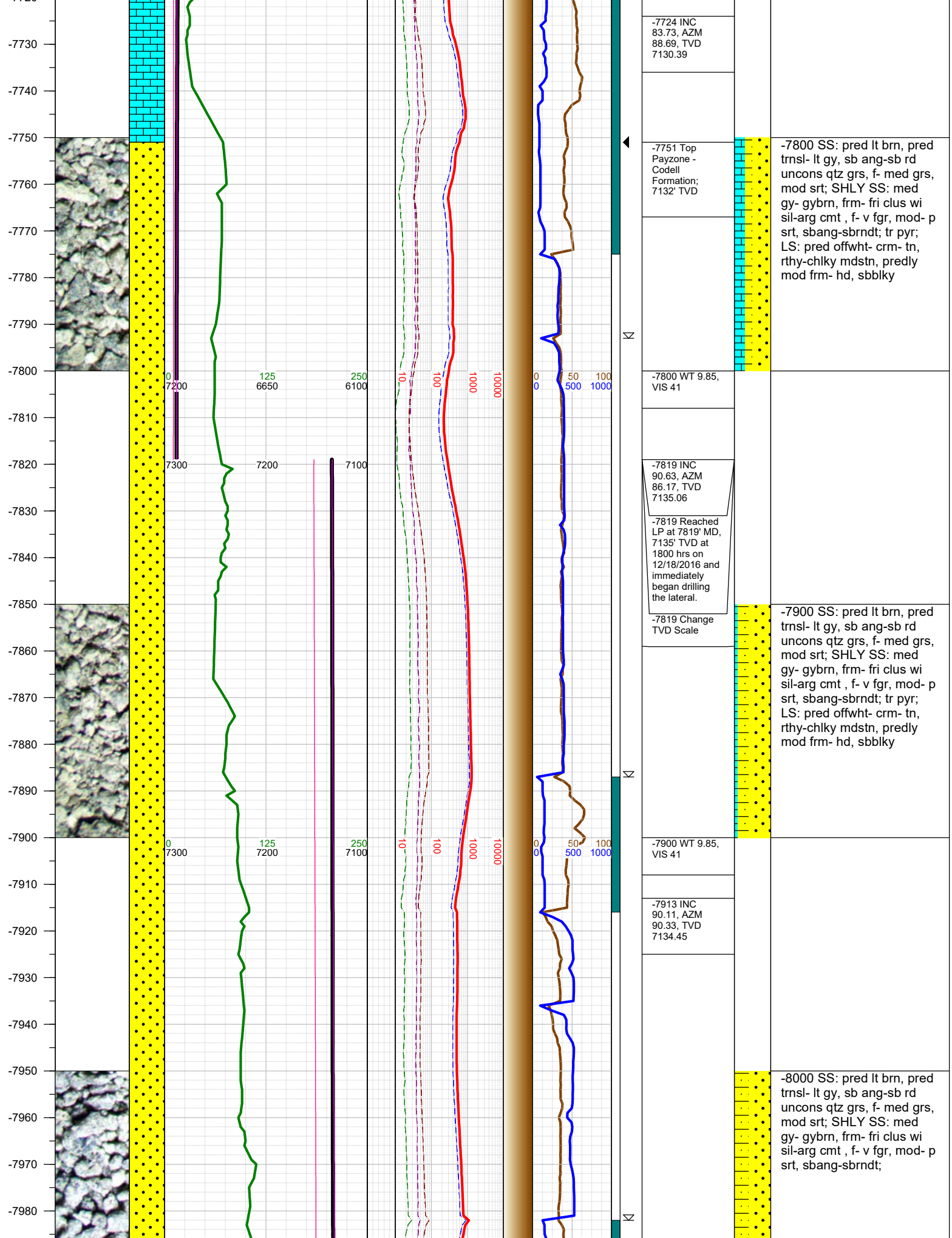




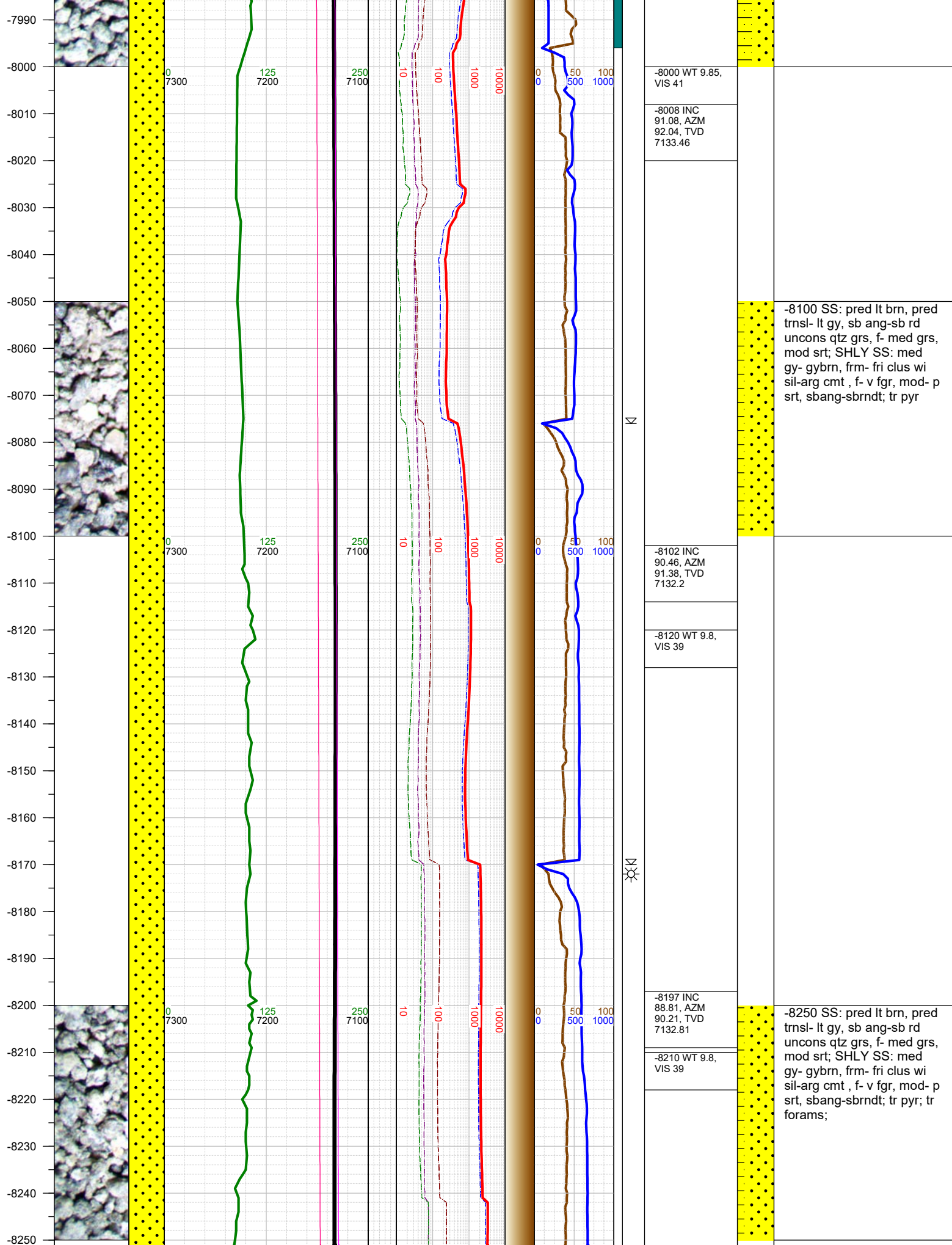


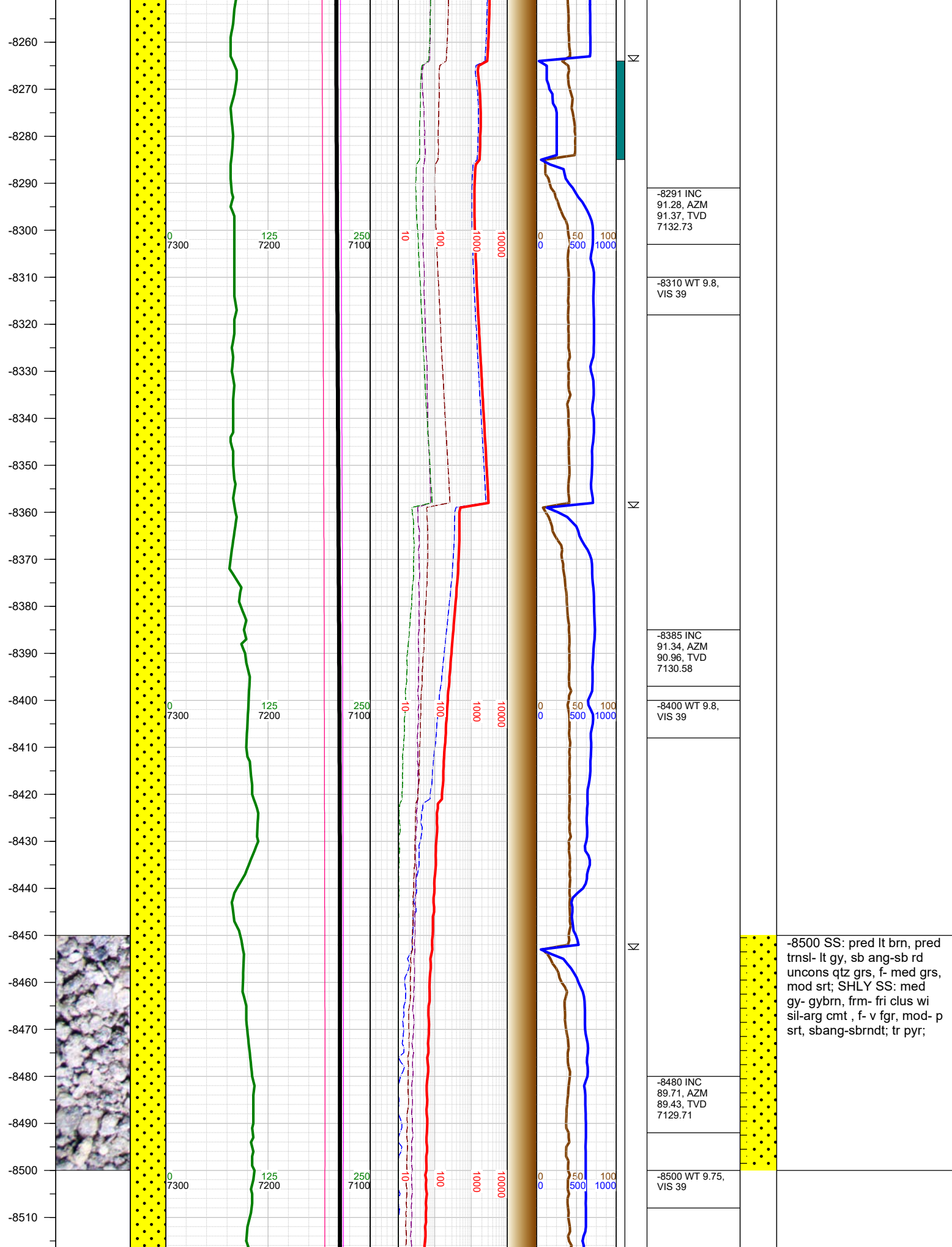




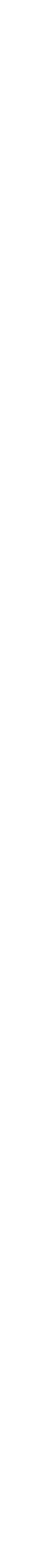
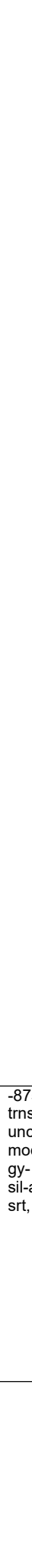
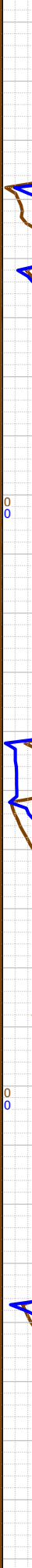
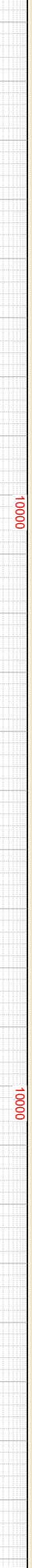
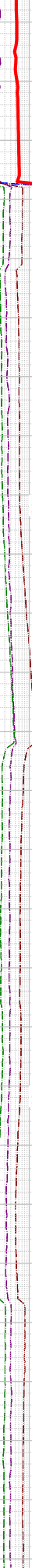
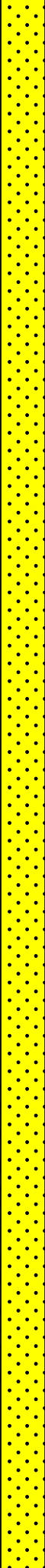
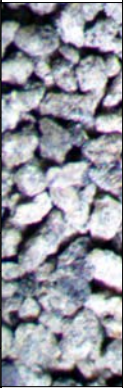








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-8567 0000 hrs  
on 12/19/2016

-8574 INC  
91.42, AZM  
90.74, TVD  
7128.79

-8600 WT 9.75,  
VIS 39

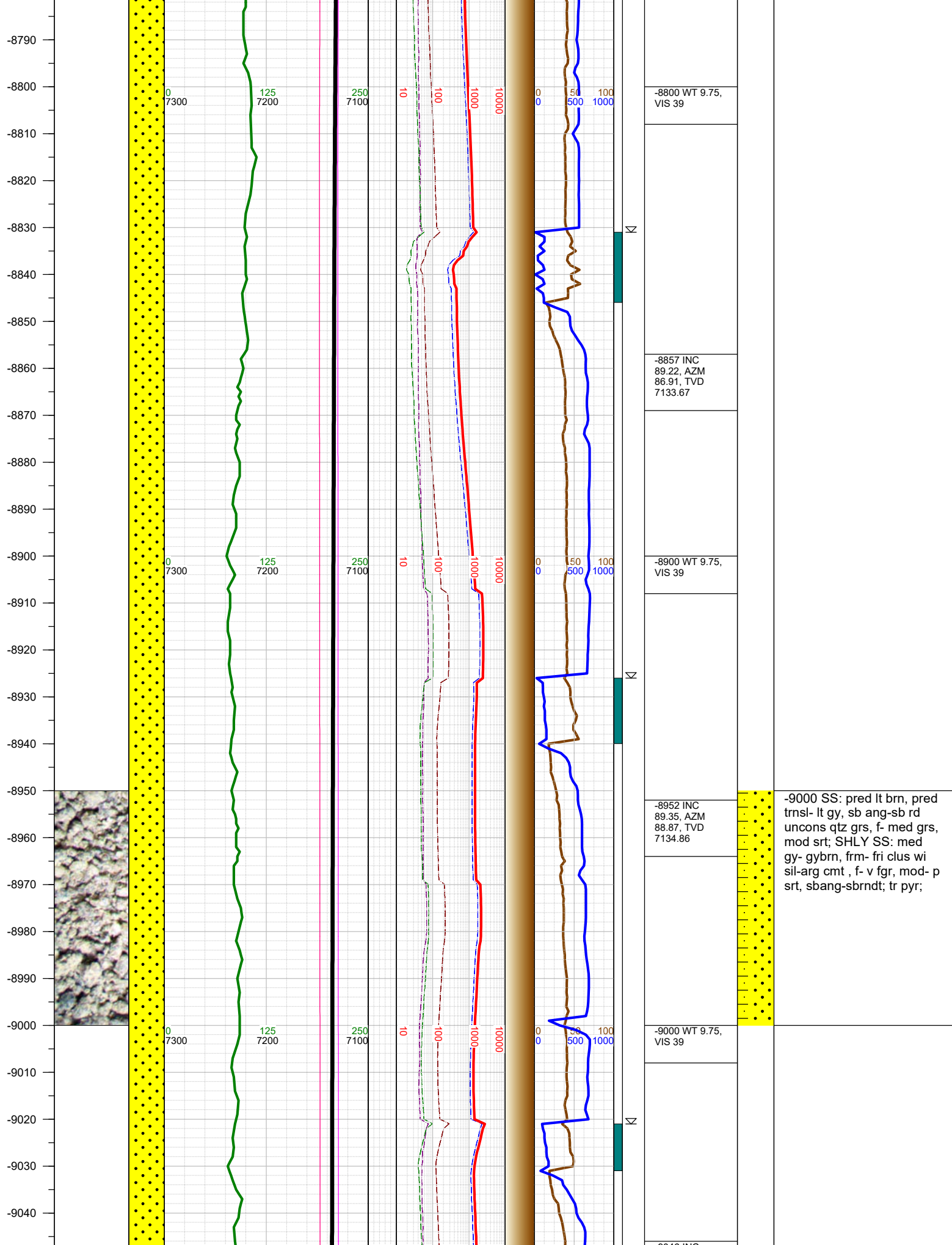
-8669 INC  
88.88, AZM  
87.92, TVD  
7128.54

-8700 WT 9.75,  
VIS 39

-8763 INC  
87.82, AZM  
86.7, TVD  
7131.24

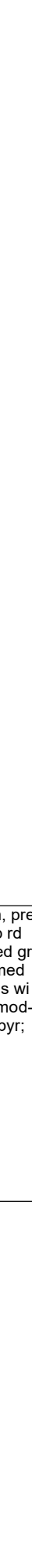
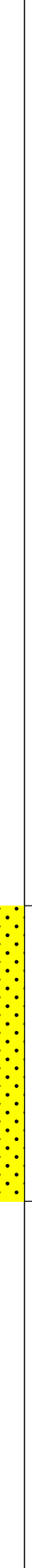
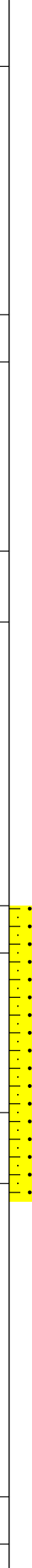
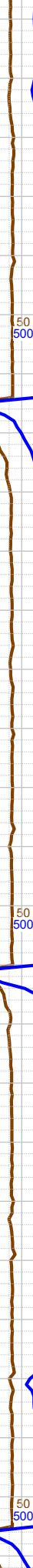
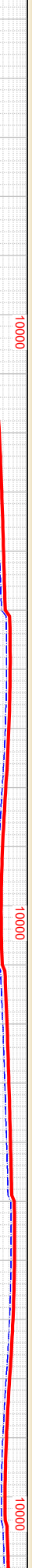
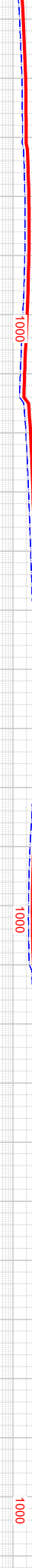
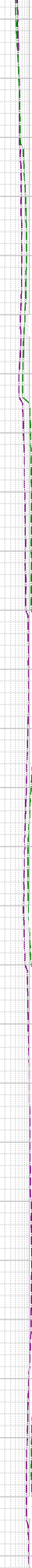
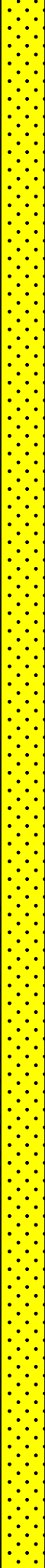
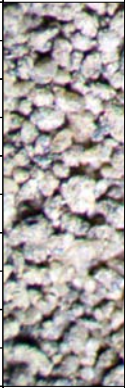
-8750 SS: pred lt brn, pred  
trns- lt gy, sb ang-sb rd  
uncons qtz grs, f- med grs,  
mod srt; SHLY SS: med  
gy- gybrn, frm- fri clus wi  
sil-arg cmt, f- v fgr, mod- p  
srt, sbang-sbrndt; tr pyr;



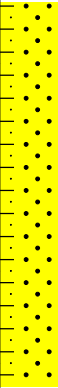




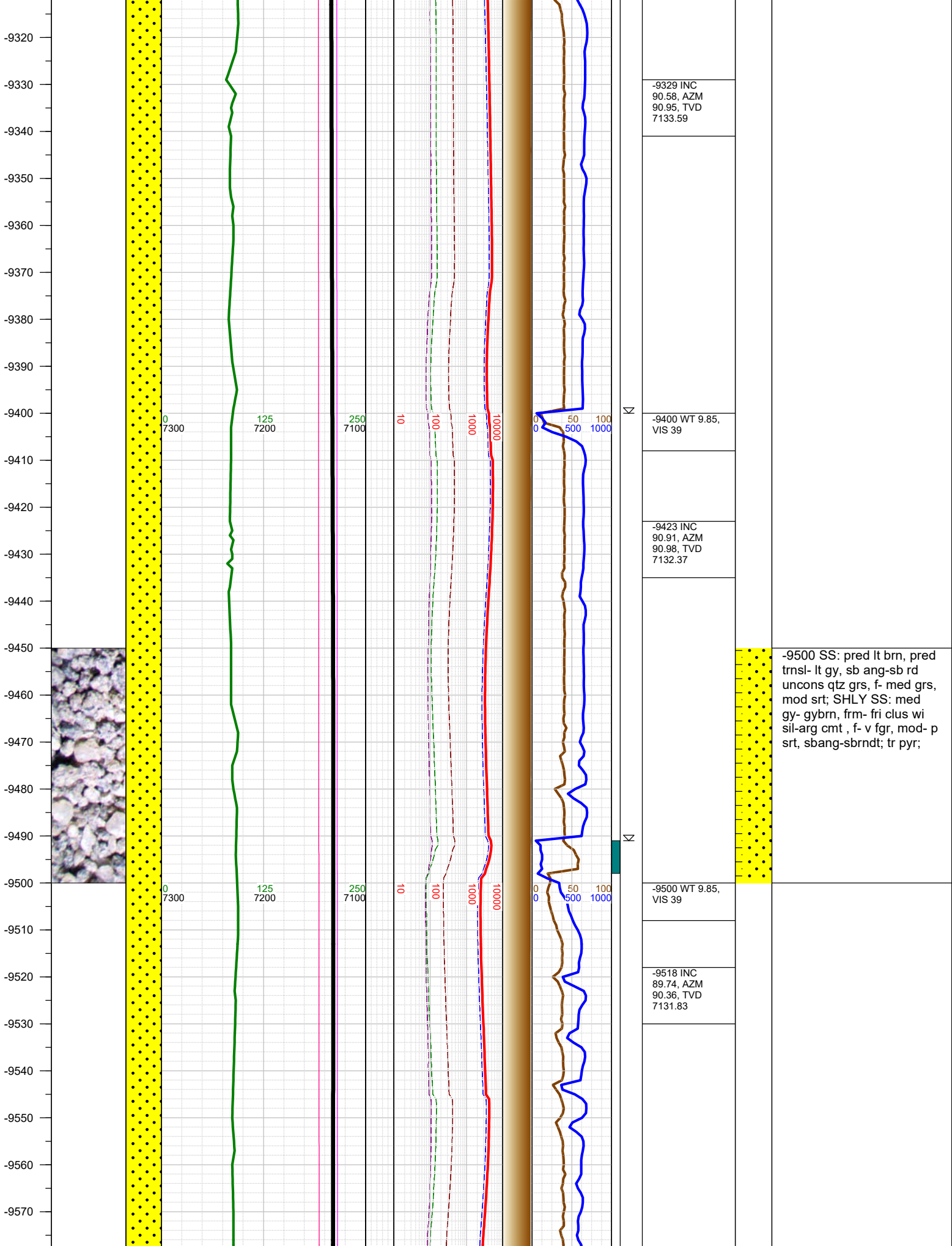
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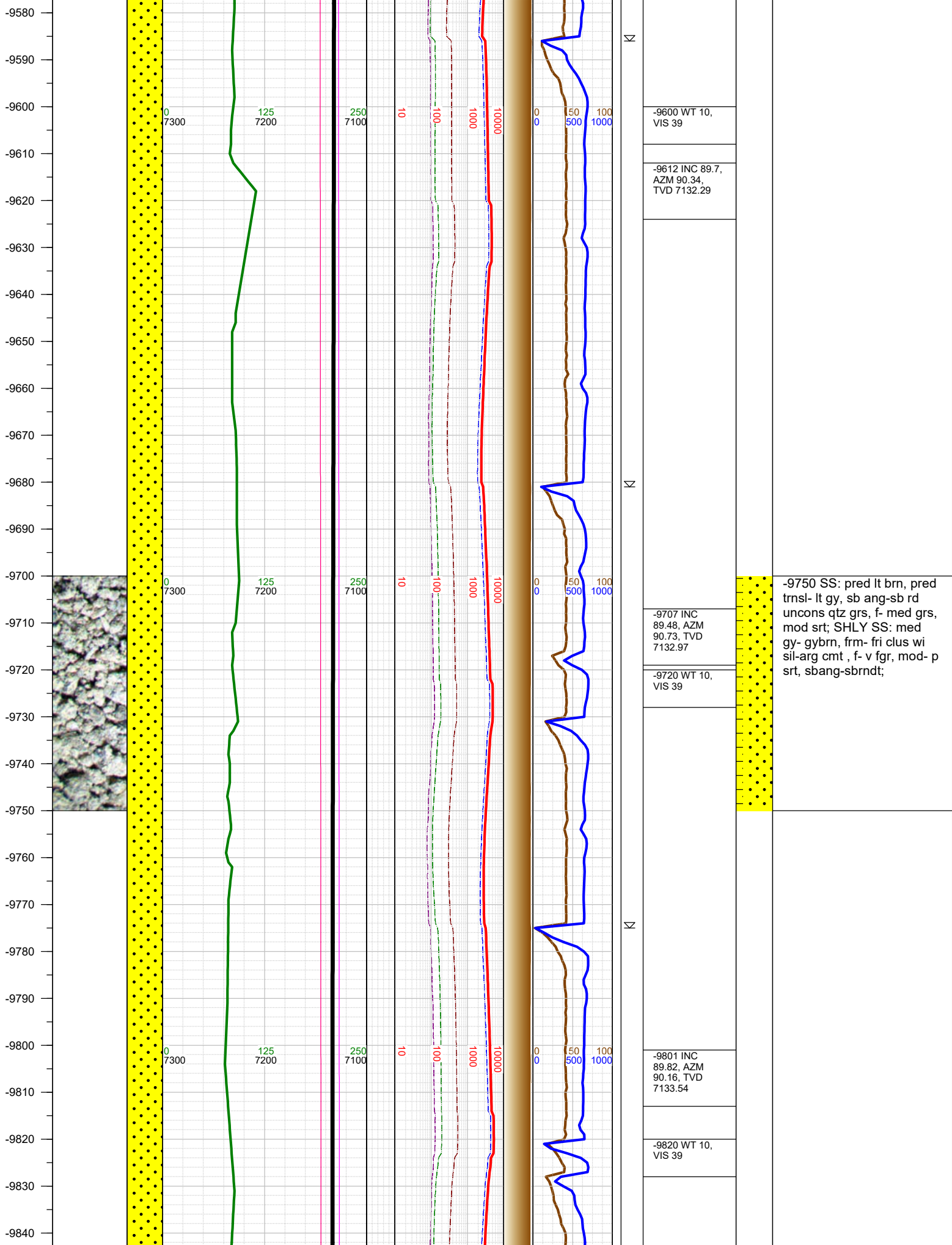


-9046 INC 89.74, AZM 91.08, TVD 7135.6	
-9100 WT 9.85, VIS 39	
-9140 INC 90.54, AZM 91.14, TVD 7135.37	
-9200 WT 9.85, VIS 39	
-9235 INC 90.52, AZM 91.26, TVD 7134.49	
-9300 WT 9.85, VIS 39	

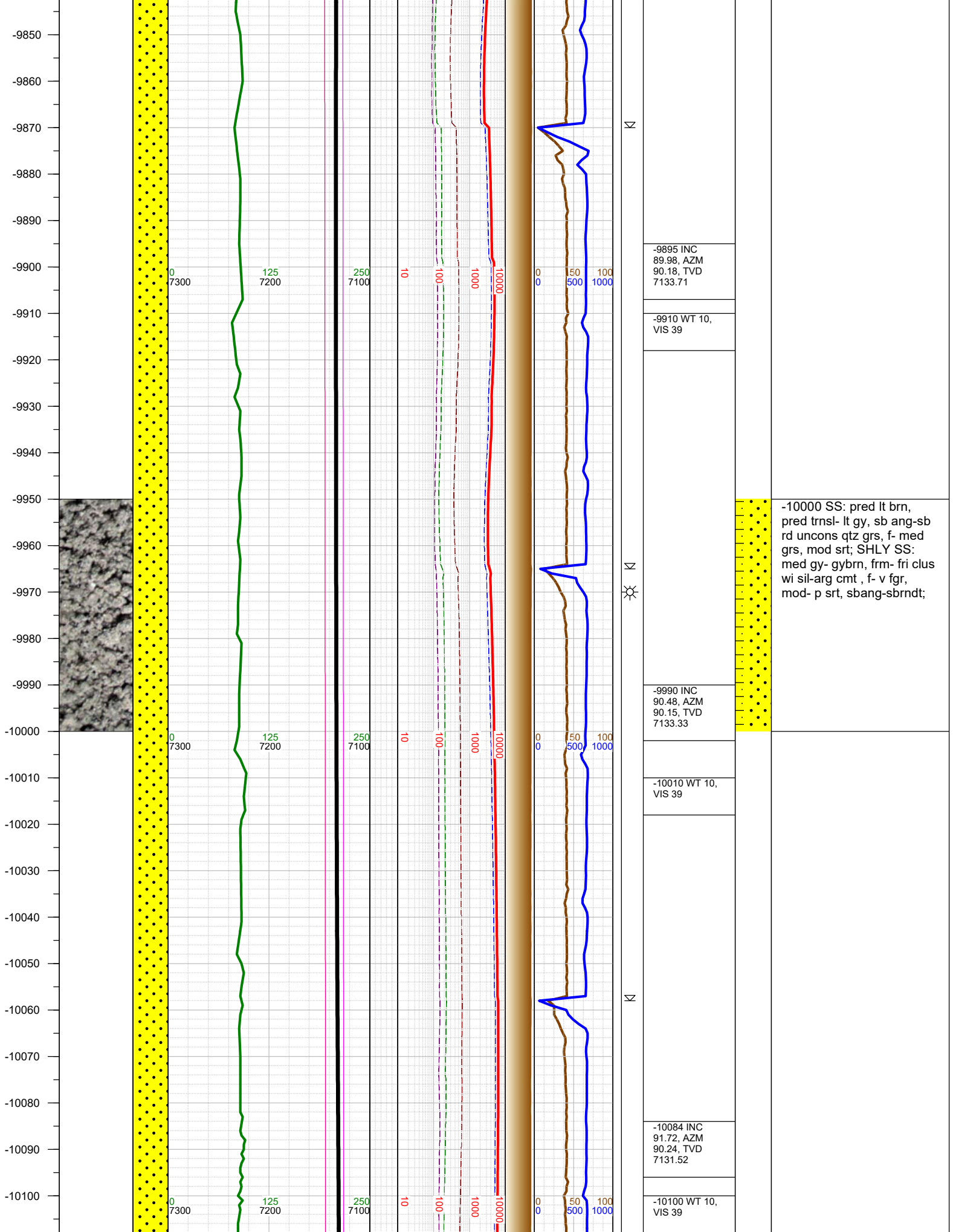


-9250 SS: pred lt brn, pred  
trnsl- lt gy, sb ang-sb rd  
uncons qtz grs, f- med grs,  
mod srt; SHLY SS: med  
gy- gybrn, frm- fri clus wi  
sil-arg cmt , f- v fgr, mod- p  
srt, sbang-sbrndt; tr pyr;

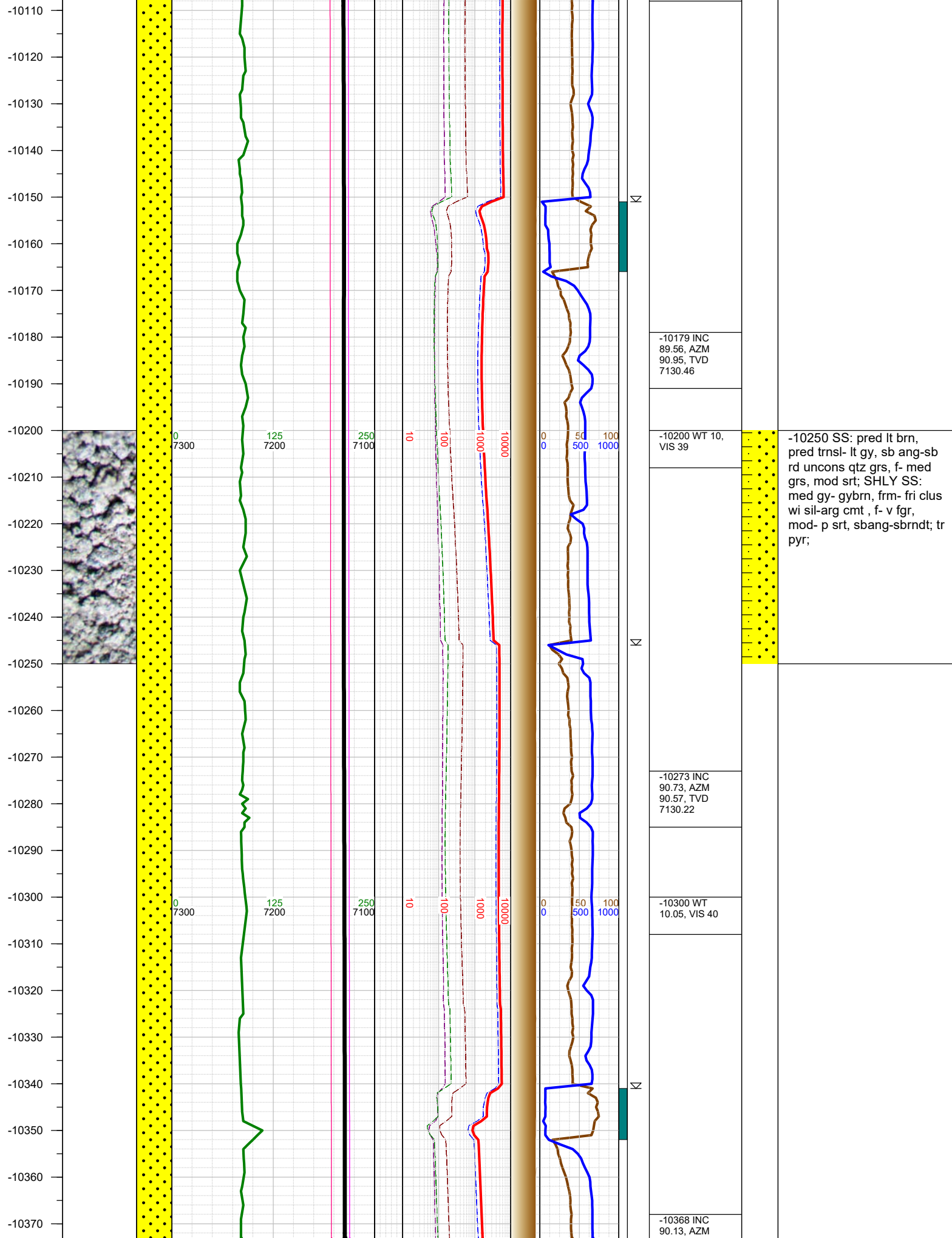


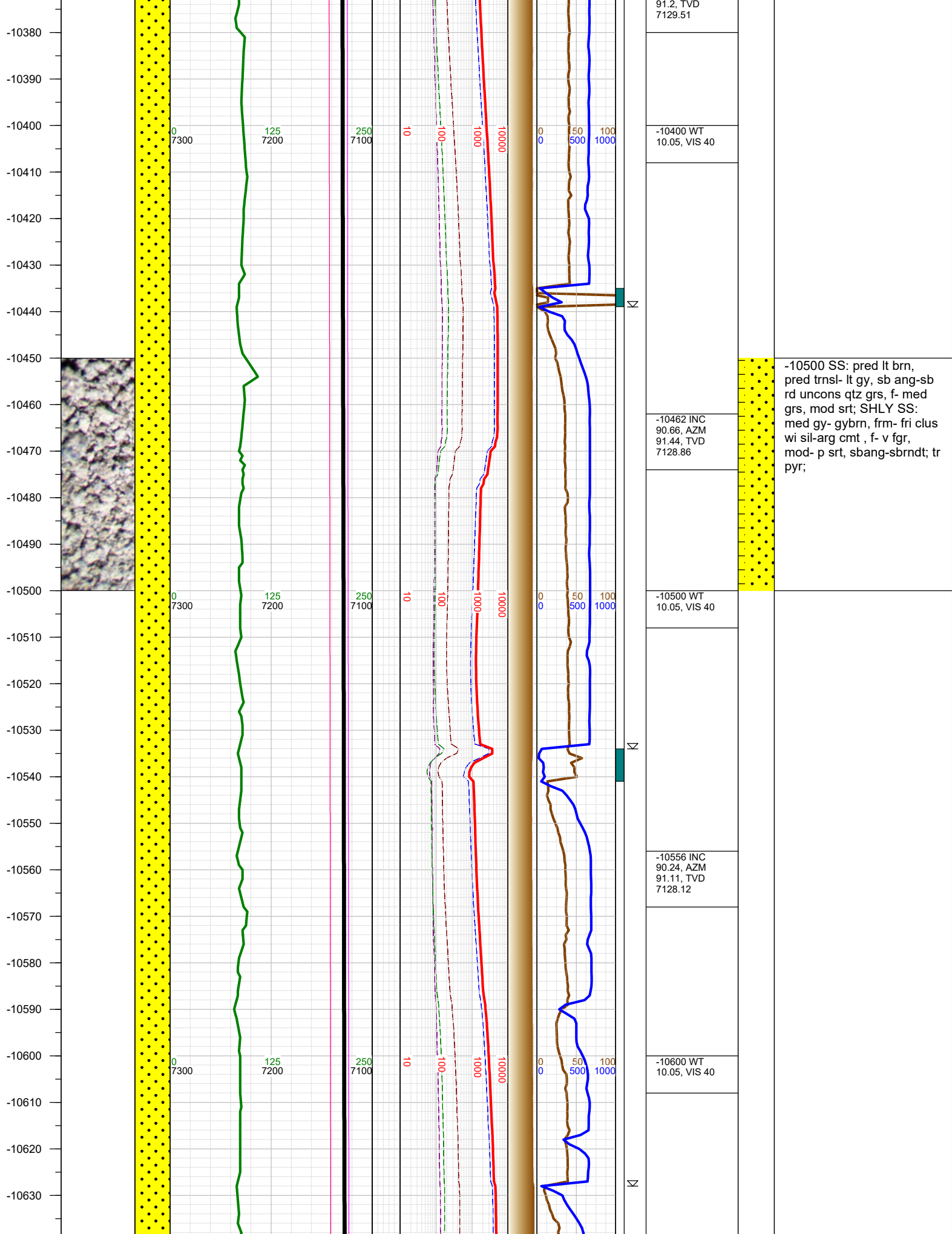




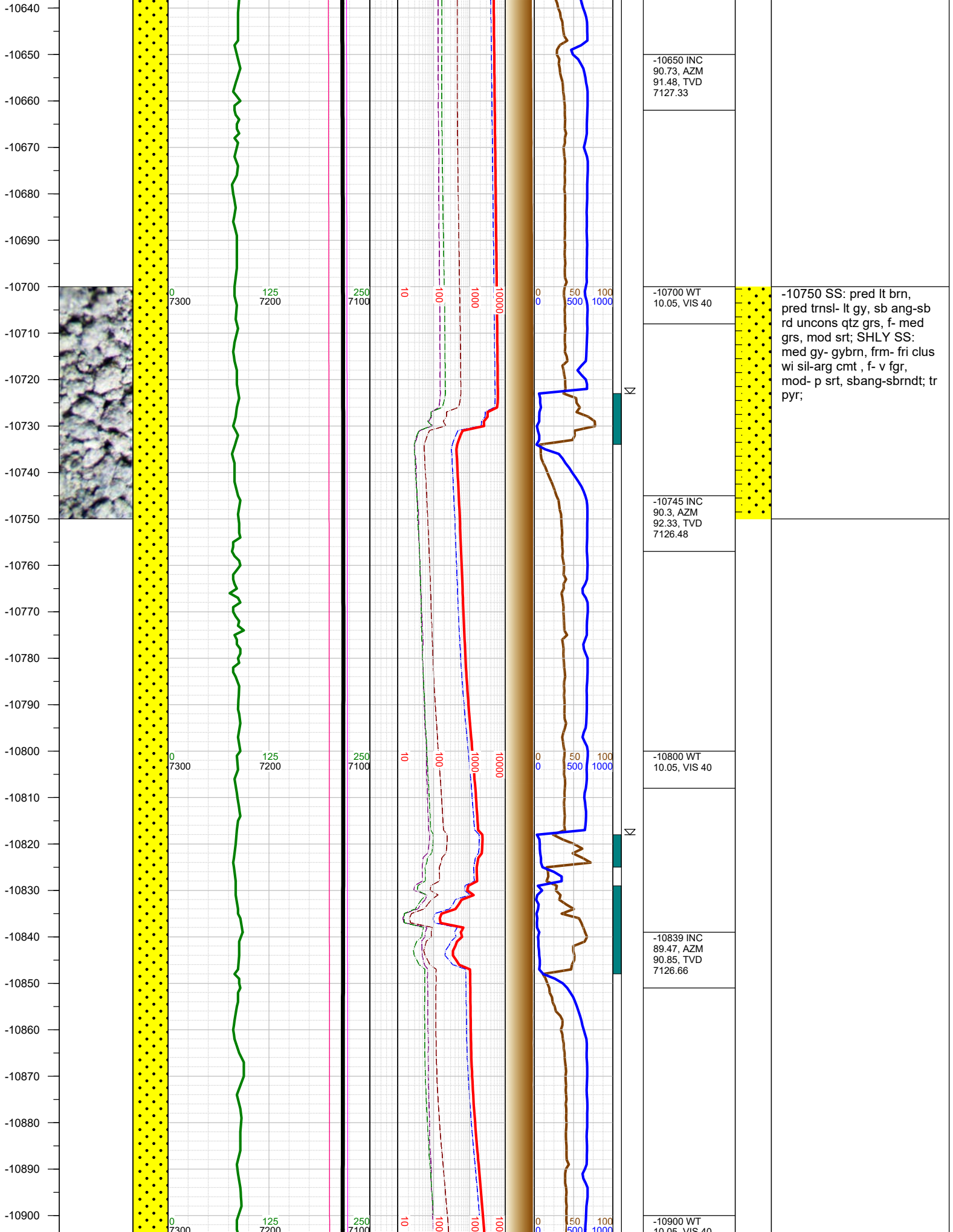






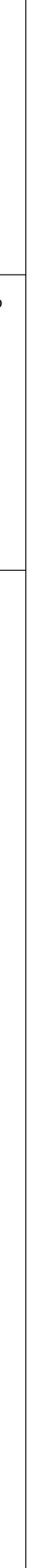
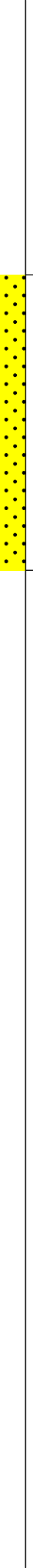
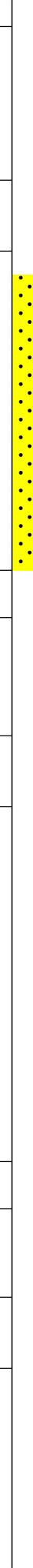
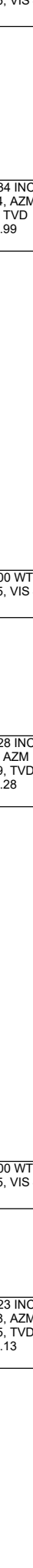
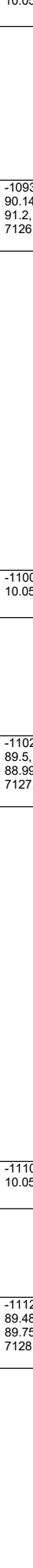
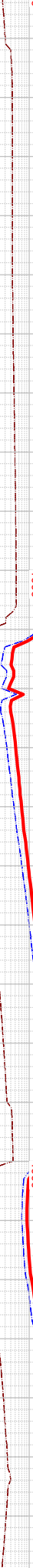
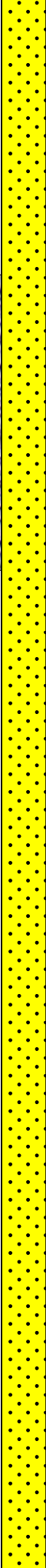
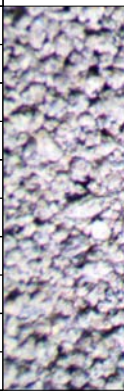


-10500 SS: pred lt brn, pred trns- lt gy, sb ang-sb rd unconq grs, f- med grs, mod srt; SHLY SS: med gy- gybrn, frm- fri clus wi sil-arg cmt, f- v fgr, mod- p srt, sbang-sbrndt; tr pyr;





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-11160



-10934 INC  
90.14, AZM  
91.2, TVD  
7126.99

-11000 WT  
10.05, VIS 40

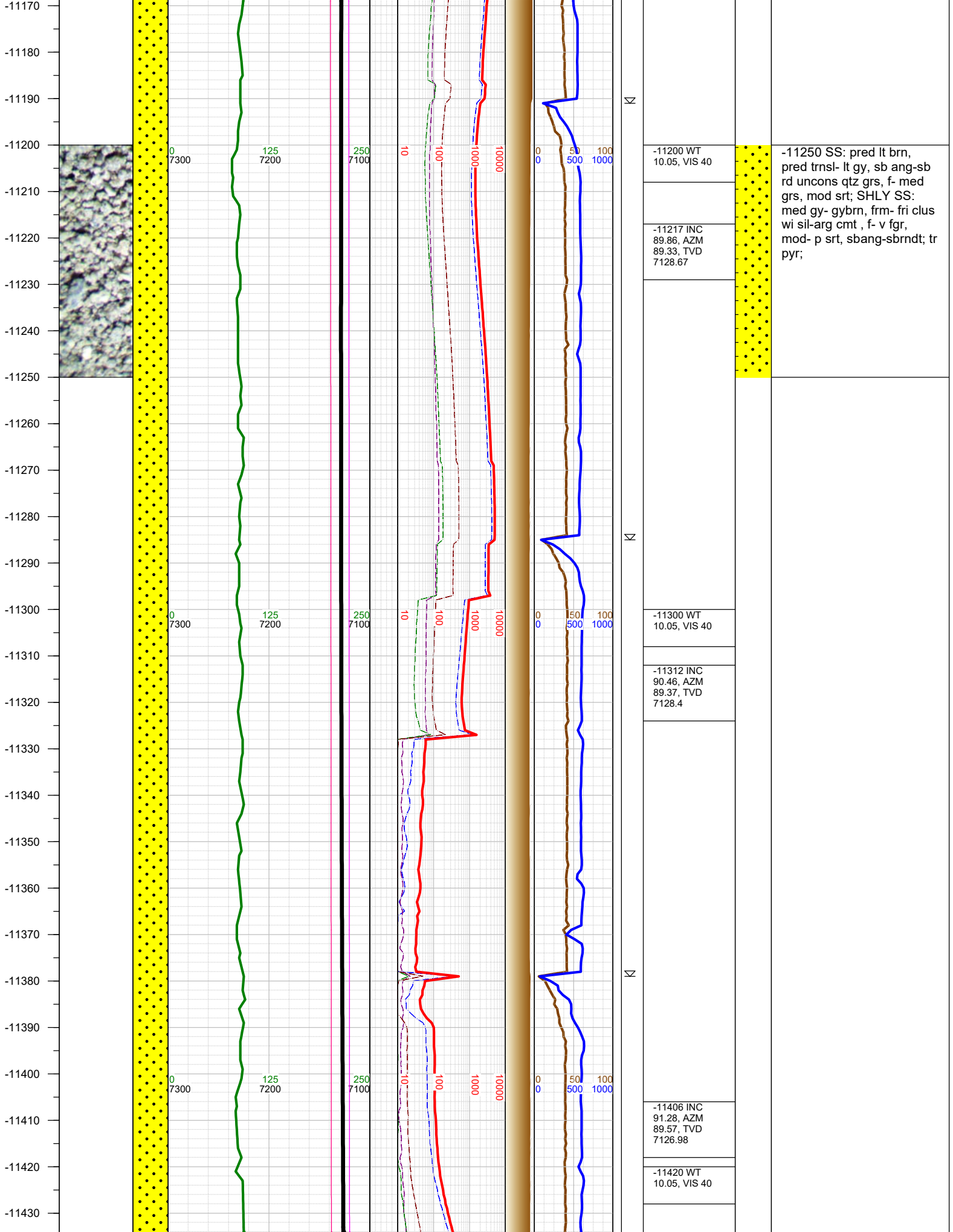
-11028 INC  
89.5, AZM  
88.99, TVD  
7127.28

-11100 WT  
10.05, VIS 40

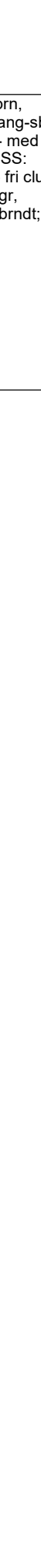
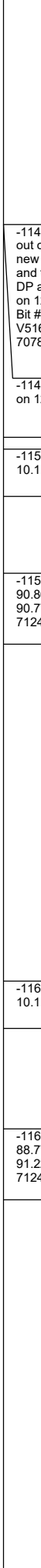
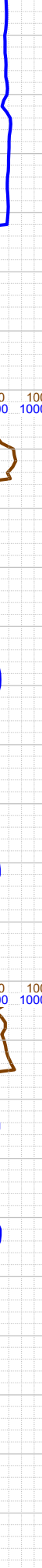
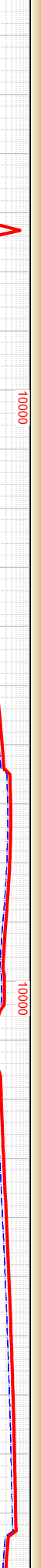
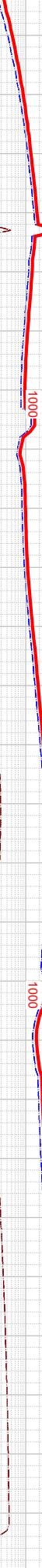
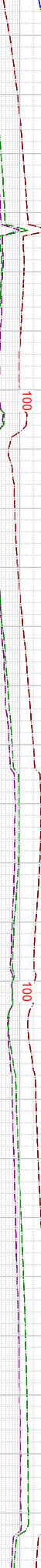
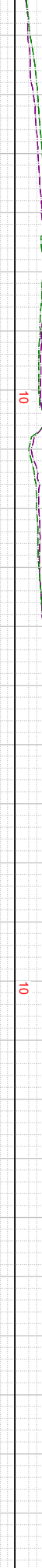
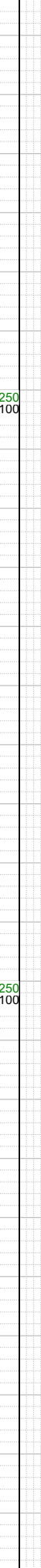
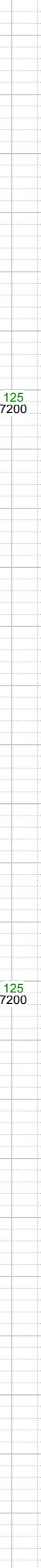
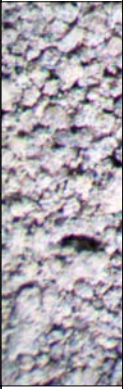
-11123 INC  
89.48, AZM  
89.75, TVD  
7128.13

-11000 SS: pred lt brn,  
pred trns- lt gy, sb ang-sb  
rd unconcs qtz grs, f- med  
grs, mod srt





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-11690



-11472 Tripped out of hole for new motor, bit, and to swap out DP at 1300 hrs on 12/19/2016. Bit #2 - Varel V516GH, 7x14, 70785"

-11472 0000 hrs on 12/20/2016

-11510 WT 10.1, VIS 47

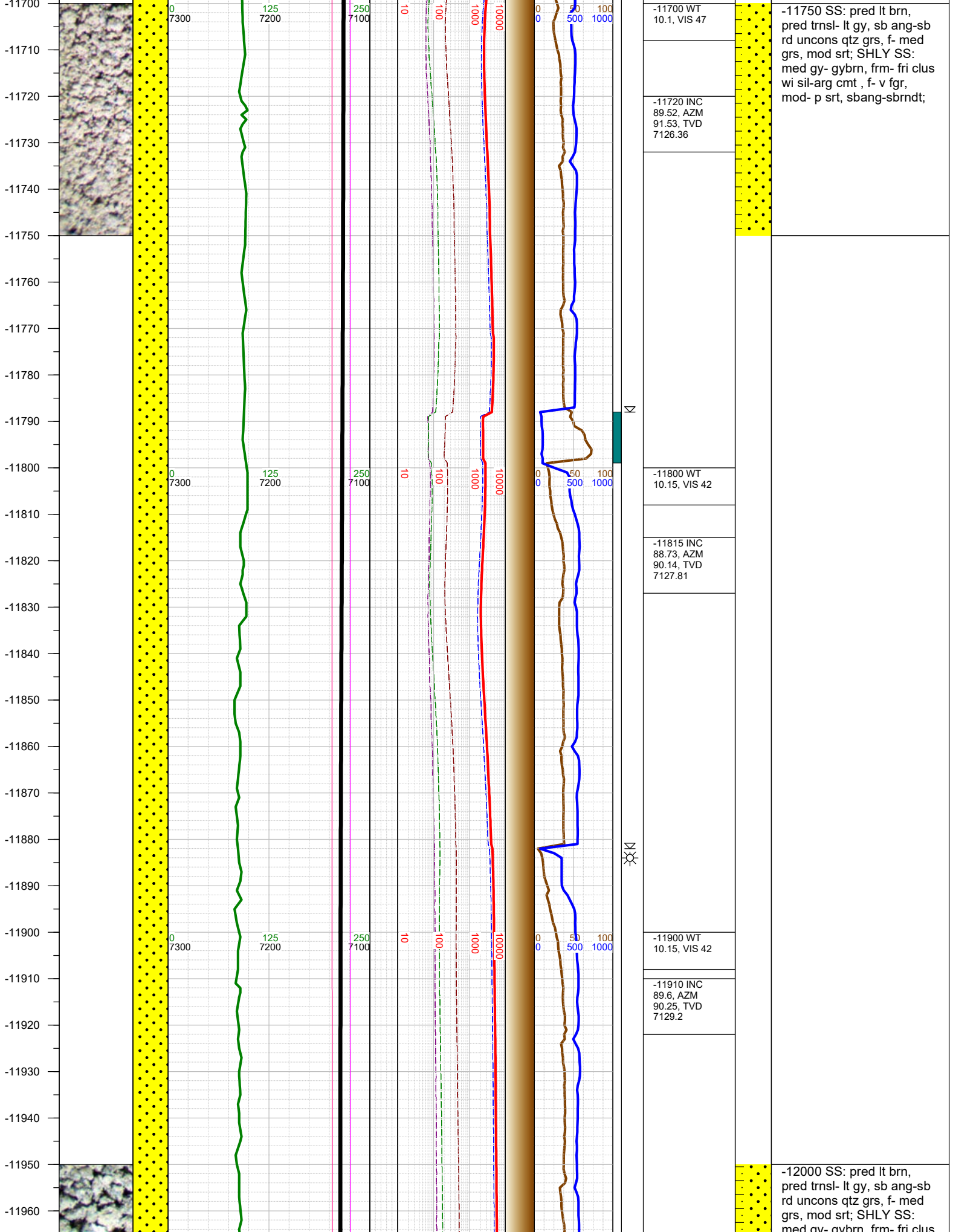
-11531 INC 90.86, AZM 90.77, TVD 7124.64

-11600 WT 10.1, VIS 47

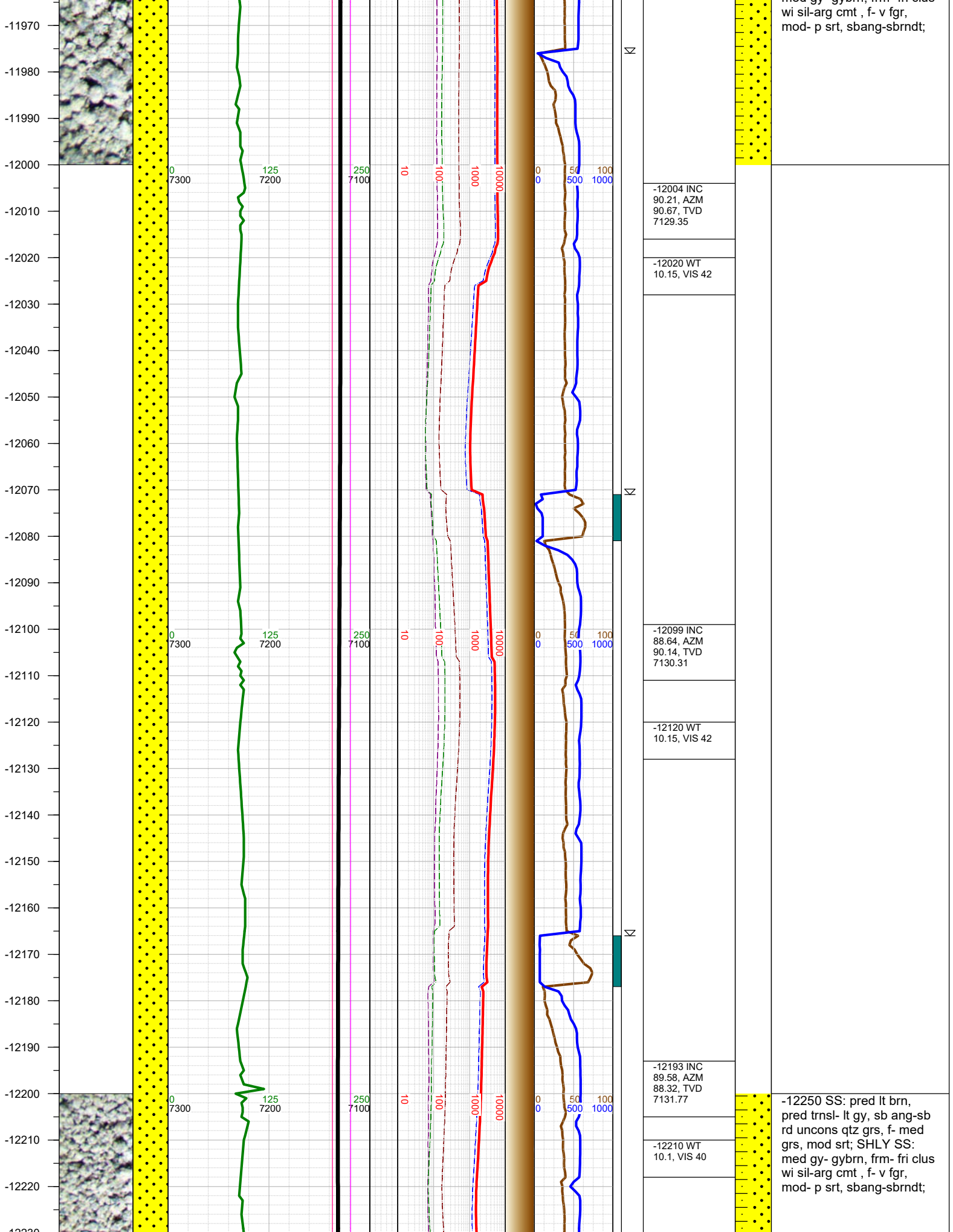
-11625 INC 88.77, AZM 91.22, TVD 7124.95



-11500 SS: pred lt brn, pred trnsf- lt gy, sb ang-sb rd unconsl qtz grs, f- med grs, mod srt; SHLY SS: med gy- gybrn, frm- fri clus wi sil-arg cmt, f- v fgr, mod- p srt, sbang-sbrndt; tr pyr;



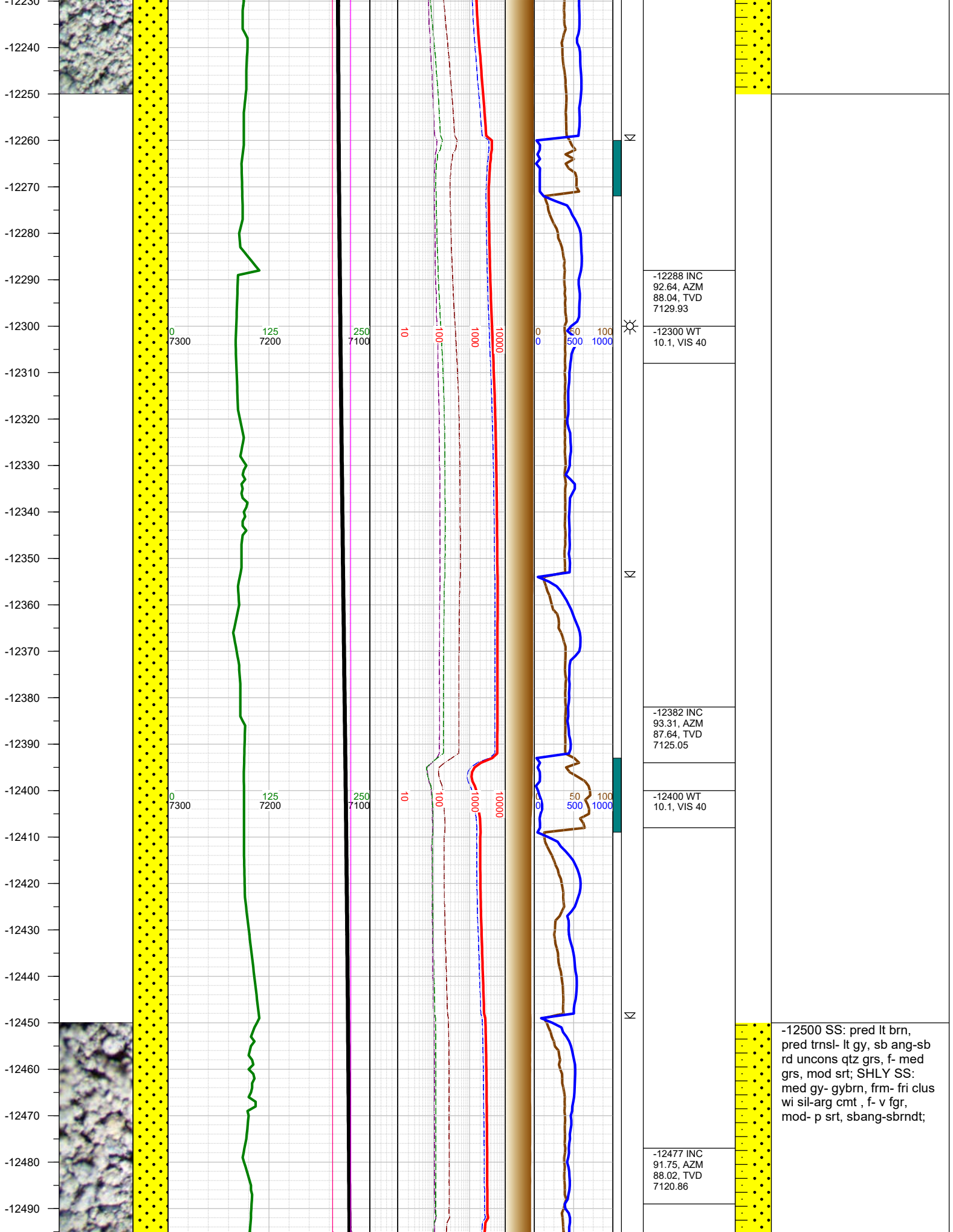


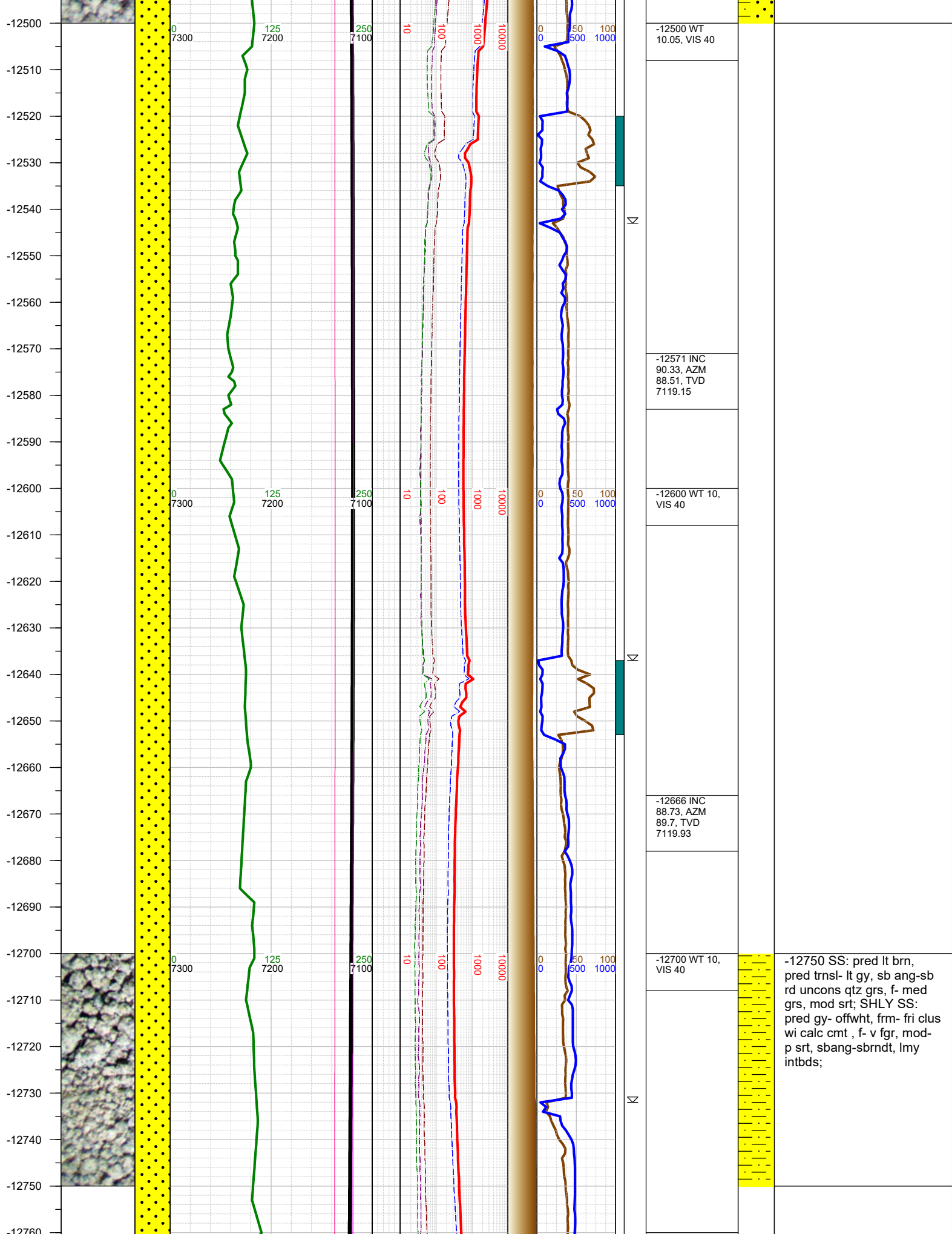


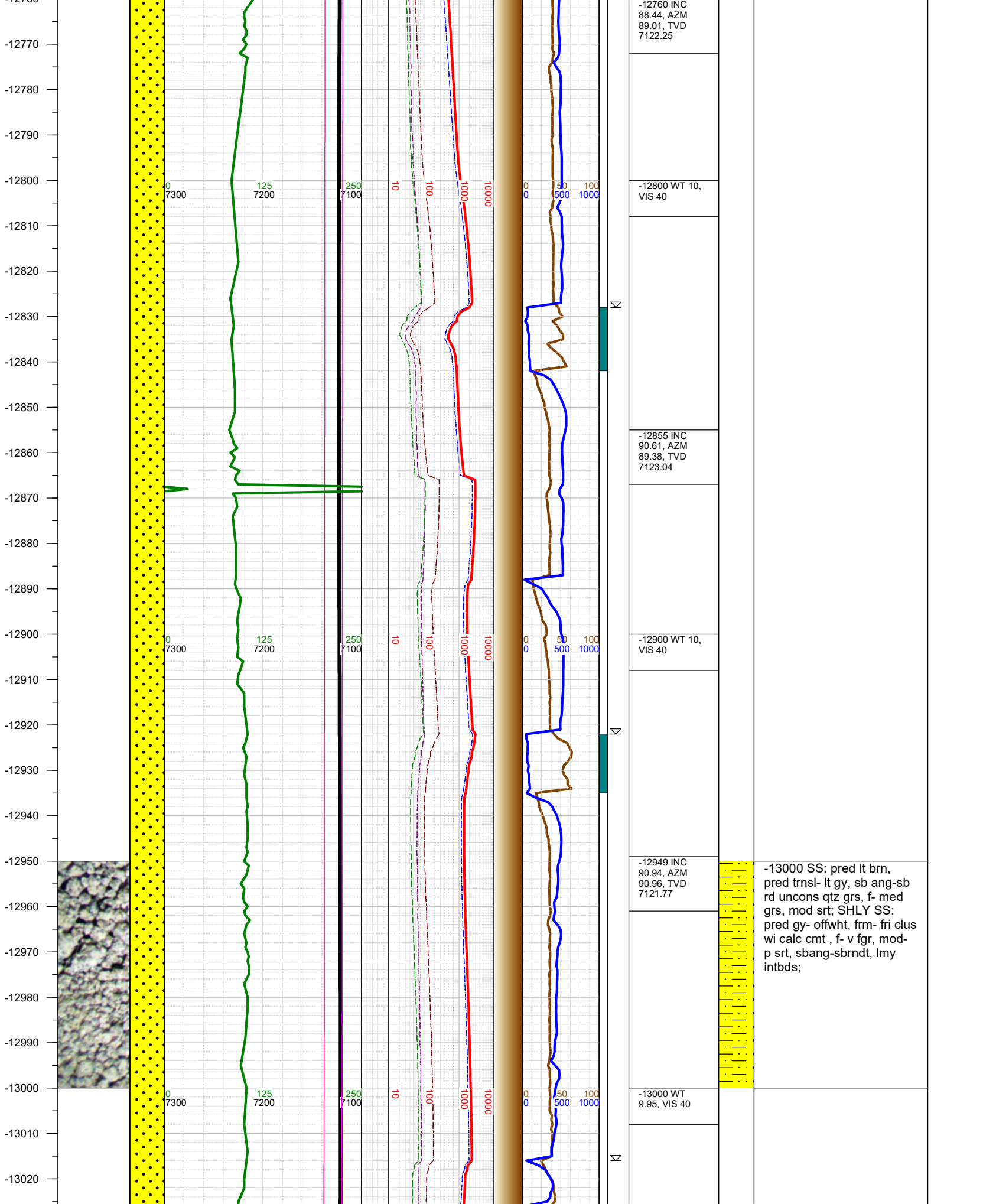
mod- gy- gybrn, frm- fri clus  
wi sil-arg cmt , f- v fgr,  
mod- p srt, sbang-sbrndt;

-12250 SS: pred lt brn,  
pred trnsf- lt gy, sb ang-sb  
rd unconq qtz grs, f- med  
grs, mod srt; SHLY SS:  
med gy- gybrn, frm- fri clus  
wi sil-arg cmt , f- v fgr,  
mod- p srt, sbang-sbrndt;





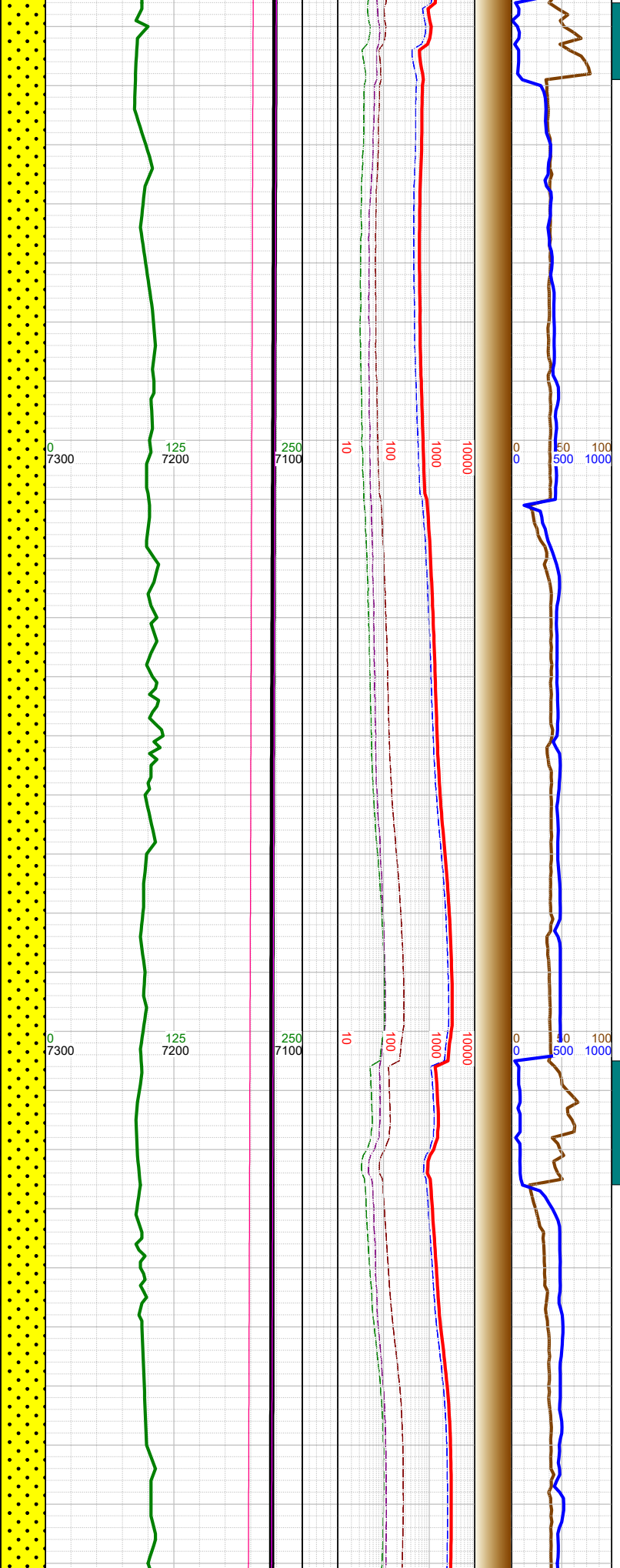
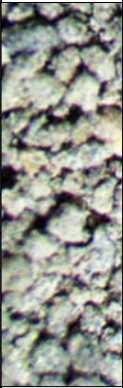




-13000 SS: pred lt brn, pred trnsf- lt gy, sb ang-sb rd unconsl qtz grs, f- med grs, mod srt; SHLY SS: pred gy- offwht, frm- fri clus wi calc cmt, f- v fgr, mod- p srt, sbang-sbrndt, lmy intbds;



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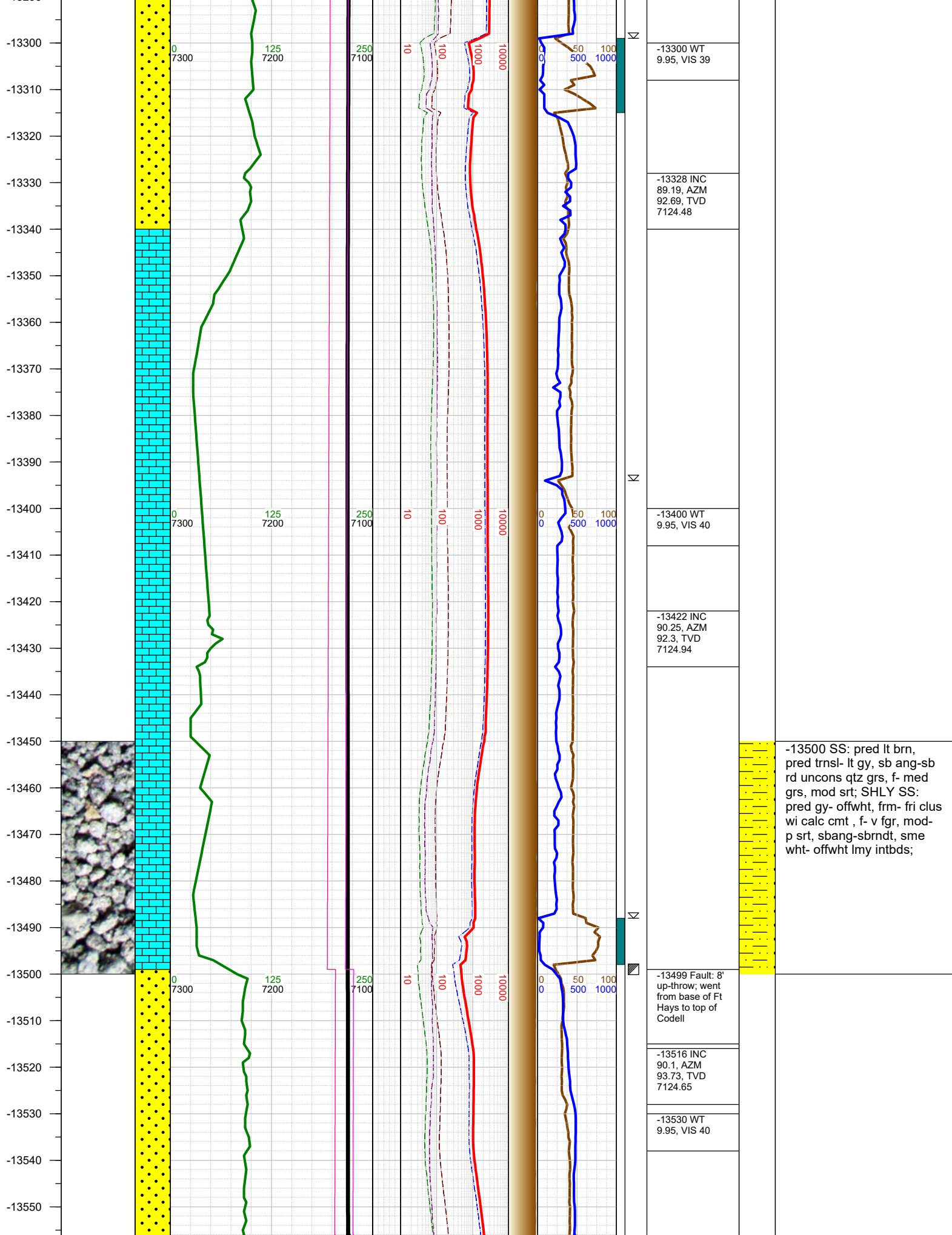


	-13044 INC 89.24, AZM 89.96, TVD 7121.62
	-13100 WT 9.95, VIS 40
	-13138 INC 88.98, AZM 88.85, TVD 7123.08
	-13200 WT 9.95, VIS 40
	-13233 INC 90.07, AZM 91.11, TVD 7123.87



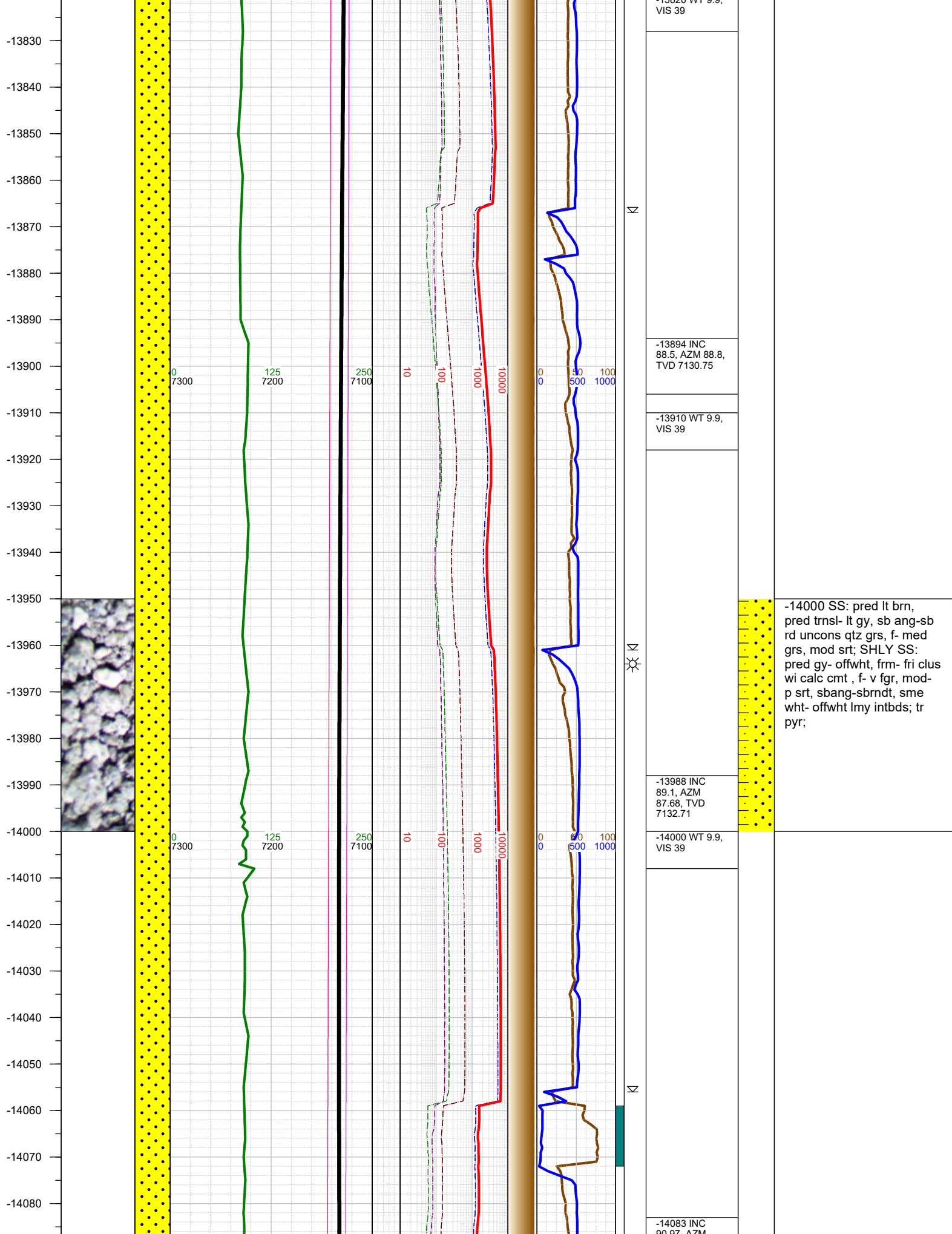
-13250 SS: pred lt brn,  
pred trnsl- lt gy, sb ang-sb  
rd unconsl- lt gy, f- med  
grs, mod srt; SHLY SS:  
pred gy- offwht, frm- fri clus  
wi calc cmt , f- v fgr, mod-  
p srt, sbang-sbrndt, sme  
wht- offwht lmy intbds;



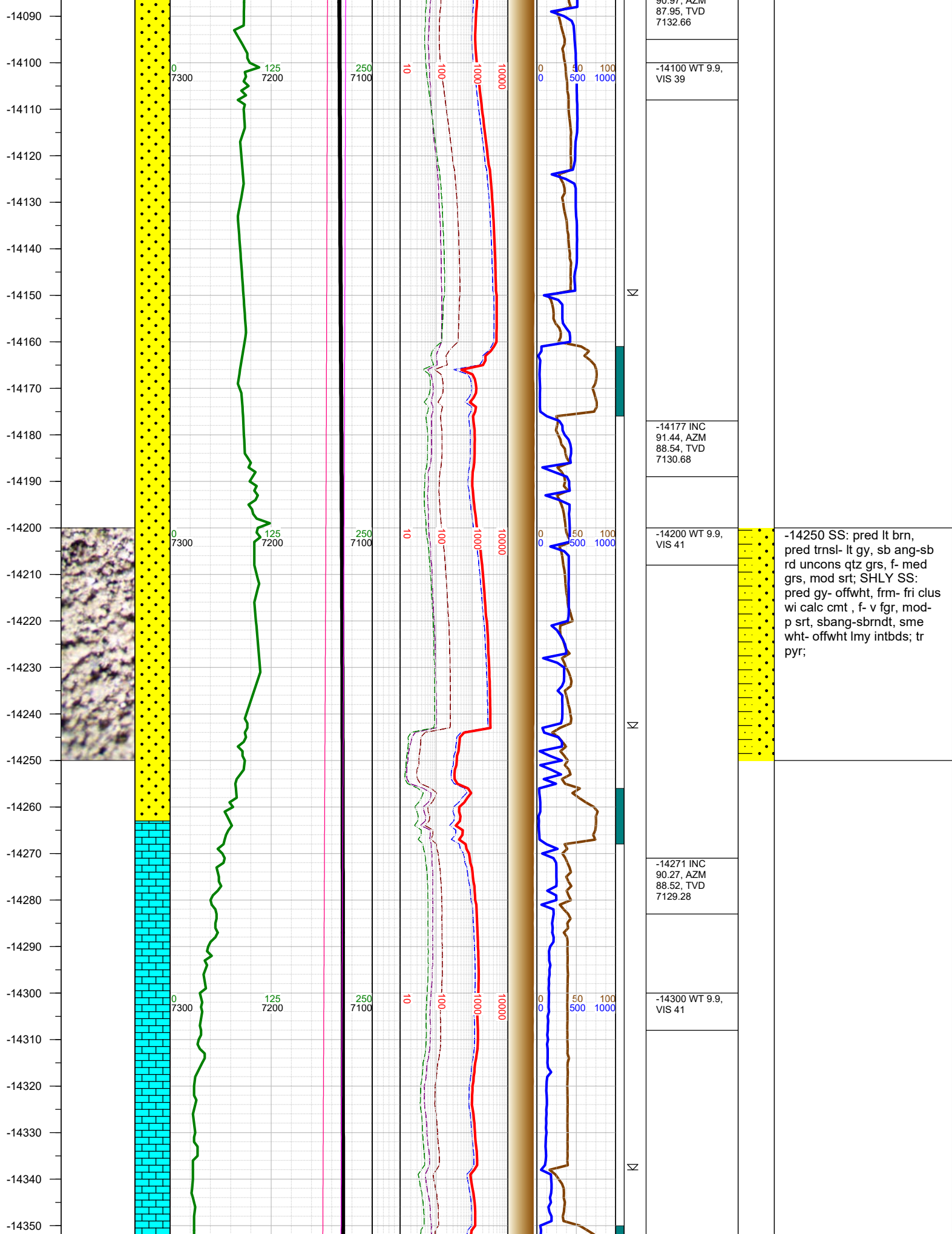


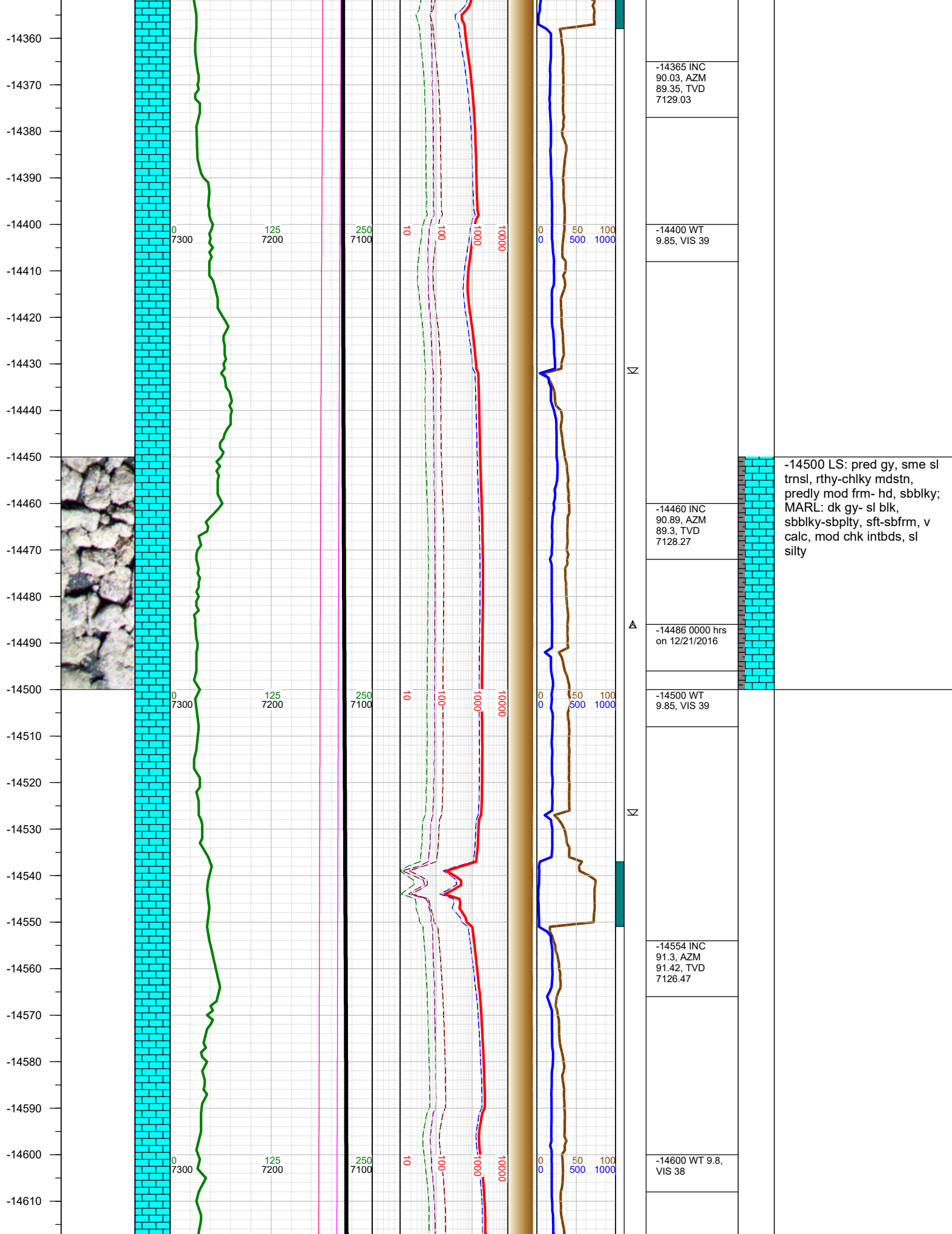
-13500 SS: pred lt brn, pred trns- lt gy, sb ang-sb rd unconsl- qtz grs, f- med grs, mod srt; SHLY SS: pred gy- offwht, frm- fri clus wi calc cmt, f- v fgr, mod- p srt, sbang-sbrndt, sme wht- offwht lmy intbds;



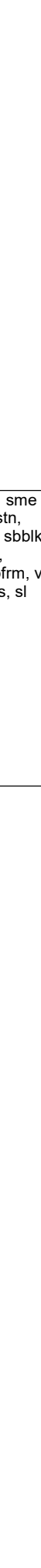
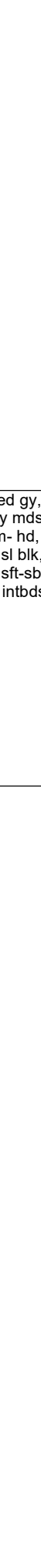
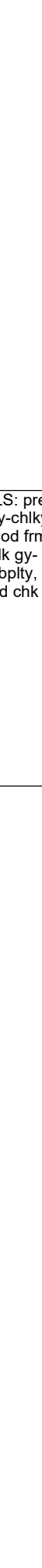
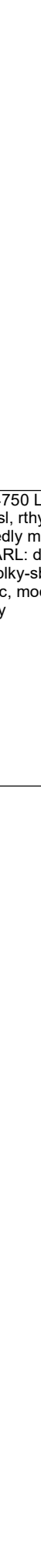
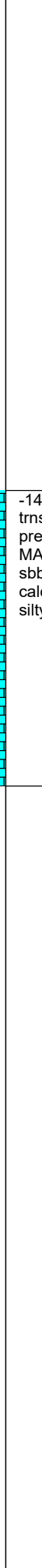
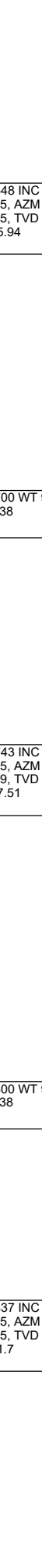
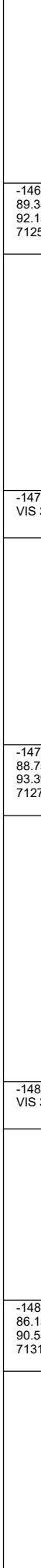
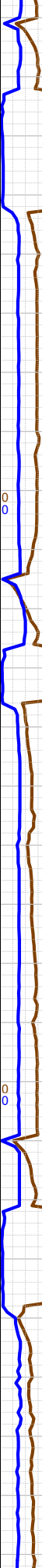
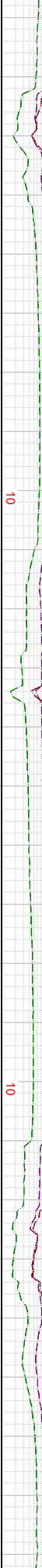
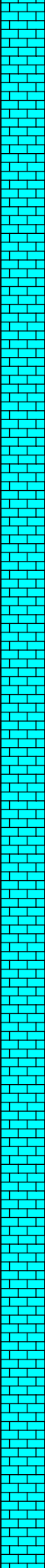








-14620  
-14630  
-14640  
-14650  
-14660  
-14670  
-14680  
-14690  
-14700  
-14710  
-14720  
-14730  
-14740  
-14750  
-14760  
-14770  
-14780  
-14790  
-14800  
-14810  
-14820  
-14830  
-14840  
-14850  
-14860  
-14870  
-14880



-14648 INC  
89.35, AZM  
92.15, TVD  
7125.94

-14700 WT 9.8,  
VIS 38

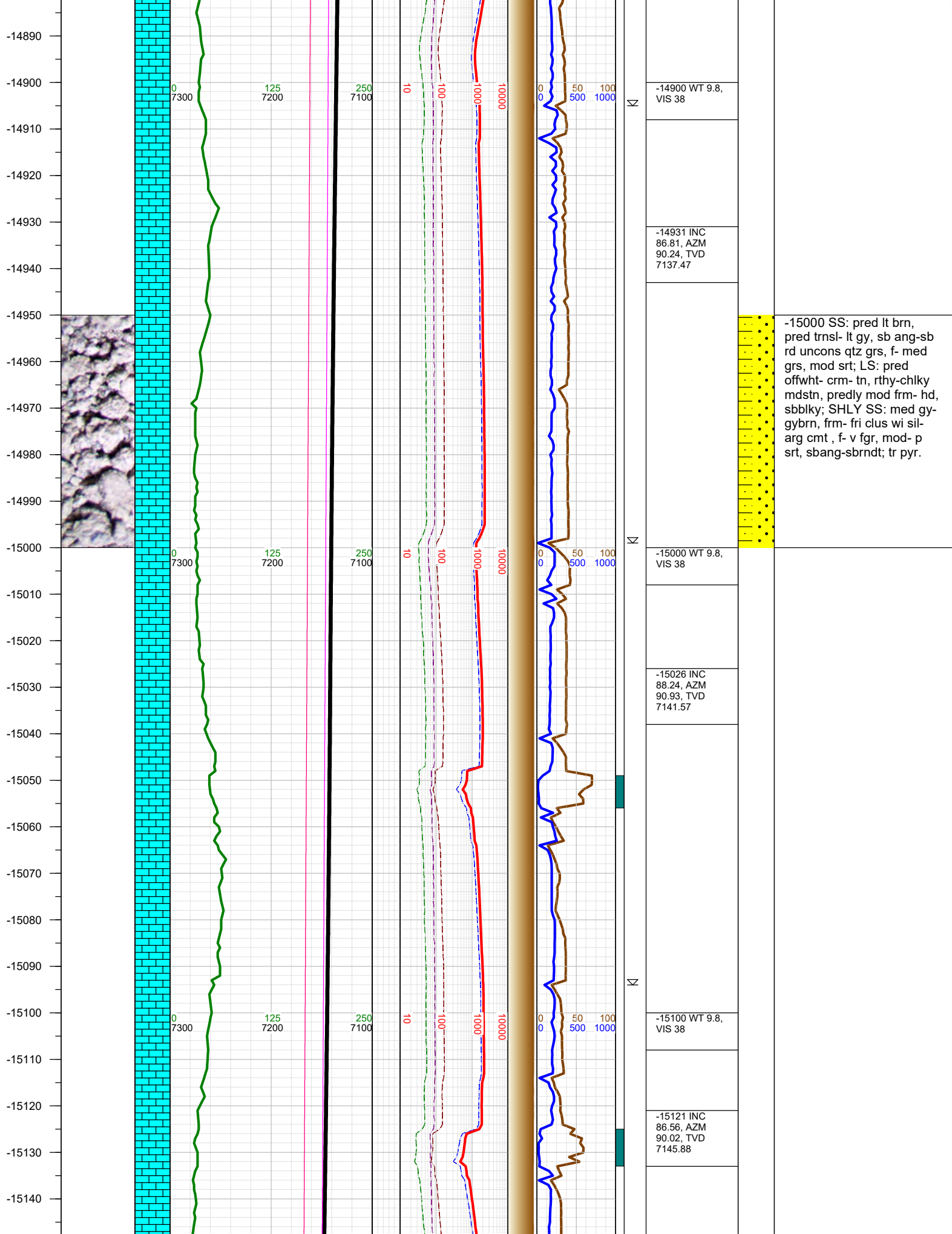
-14743 INC  
88.75, AZM  
93.39, TVD  
7127.51

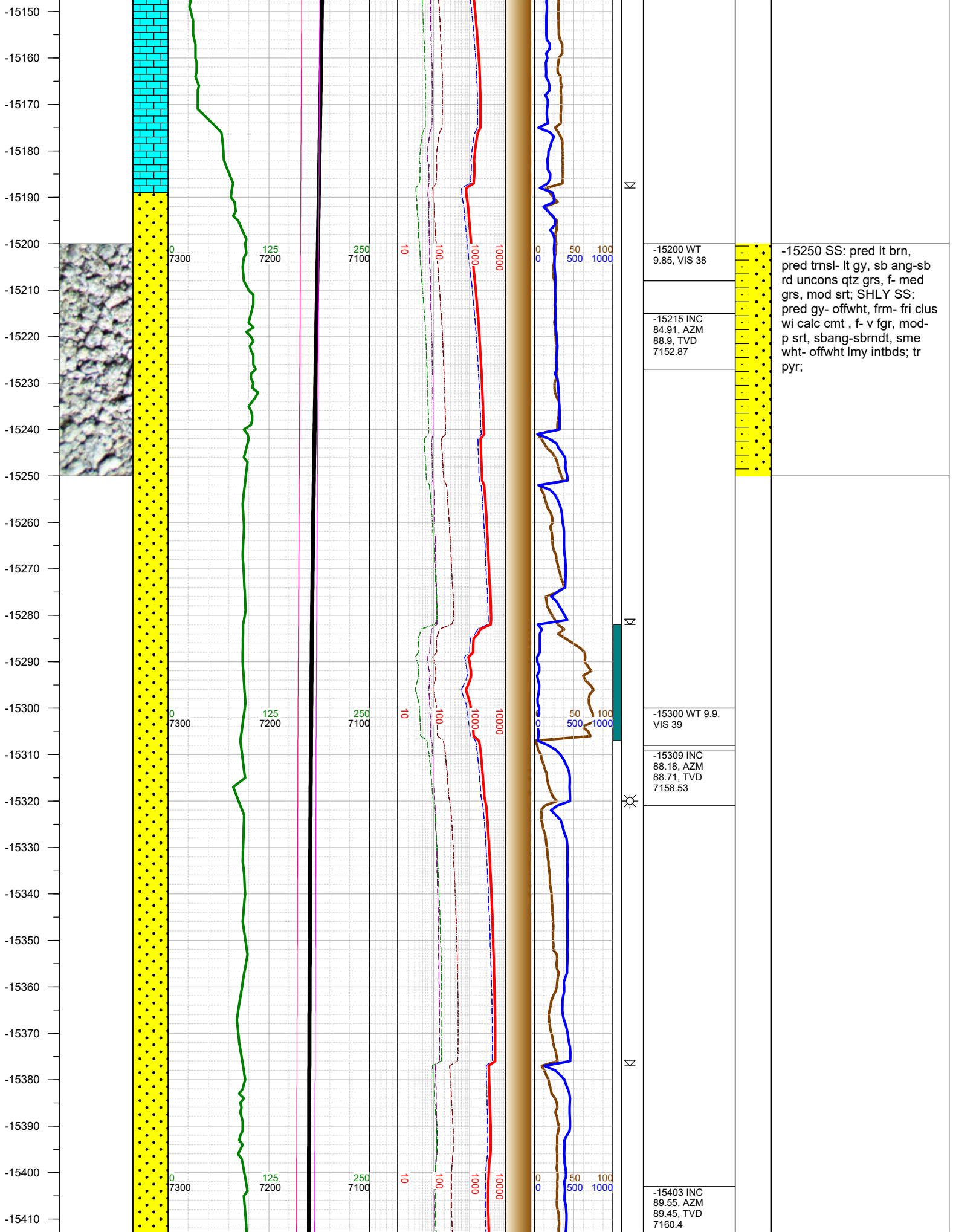
-14800 WT 9.8,  
VIS 38

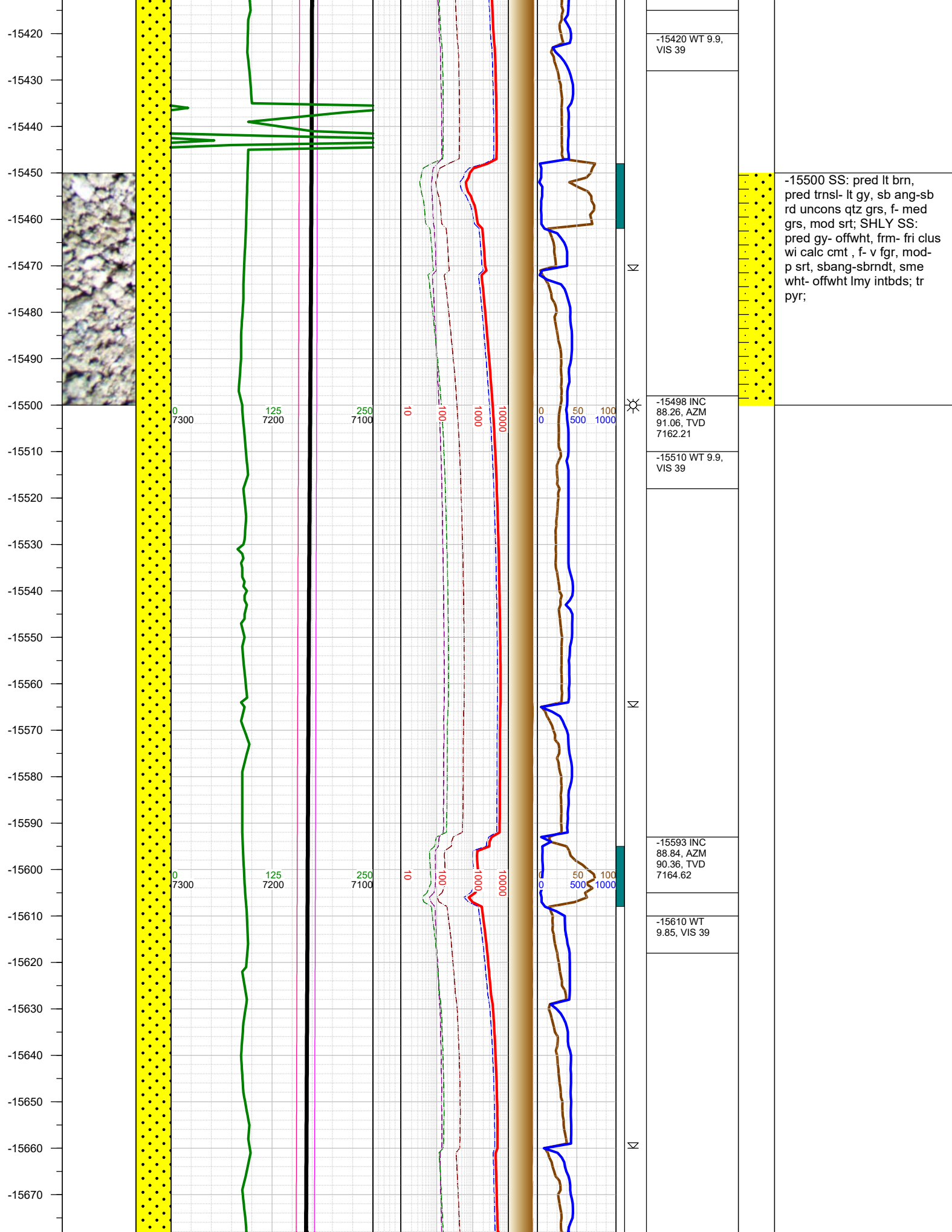
-14837 INC  
86.15, AZM  
90.55, TVD  
7131.7

-14750 LS: pred gy, sme sl  
trns, rthy-chlky mdstn,  
predly mod frm- hd, sbblky;  
MARL: dk gy- sl blk,  
sbblky-sbplty, sft-sbfrm, v  
calc, mod chk intbds, sl  
silty

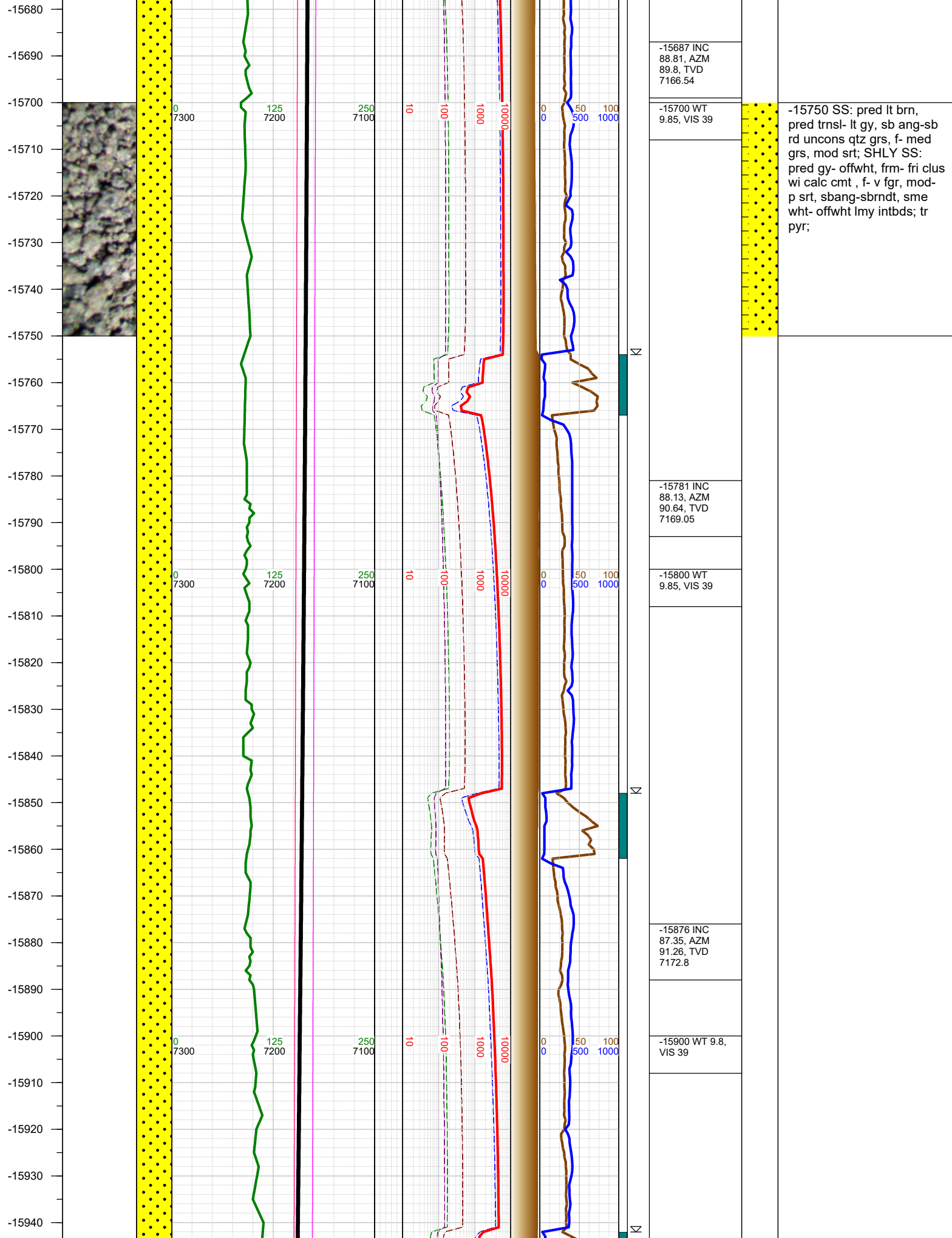


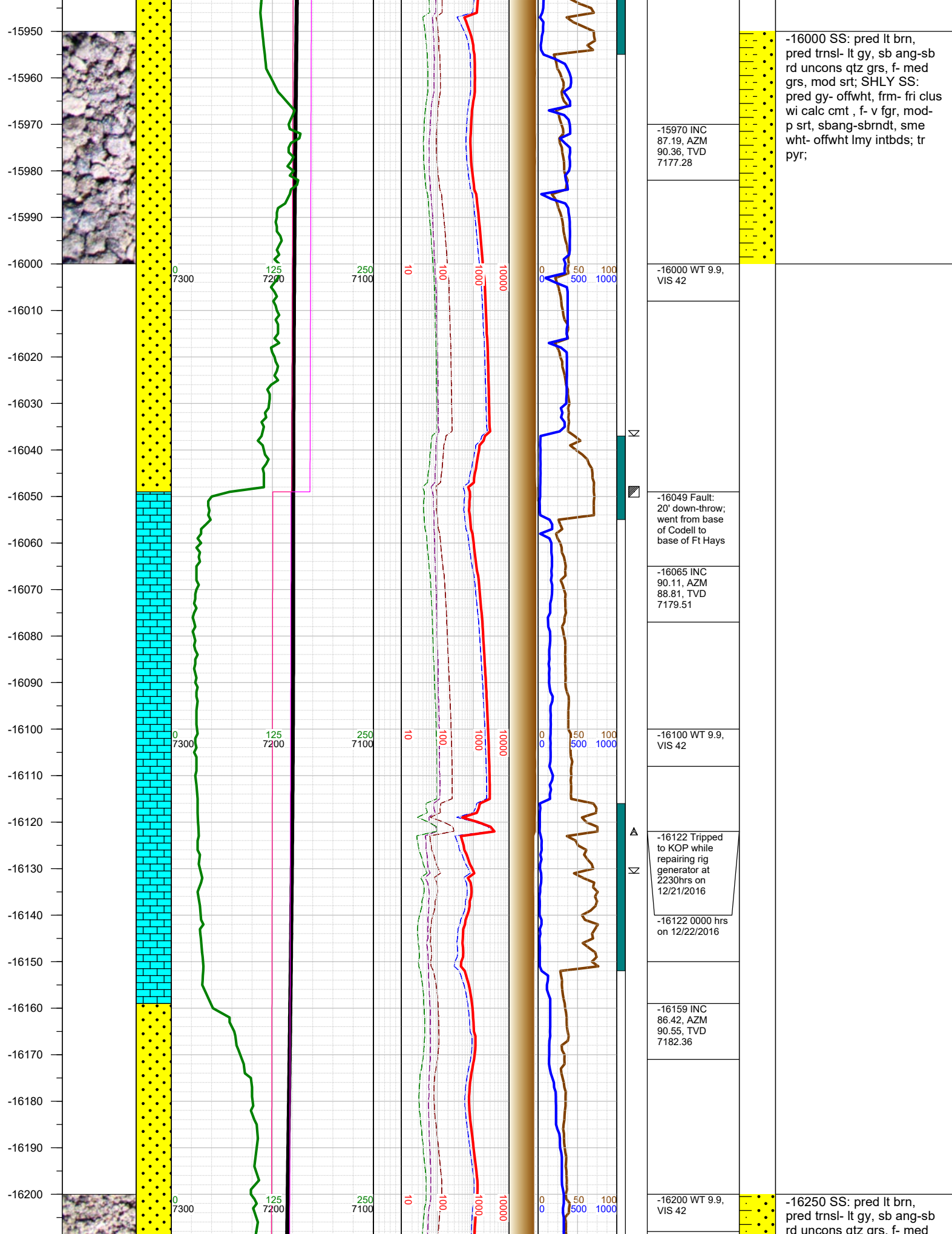


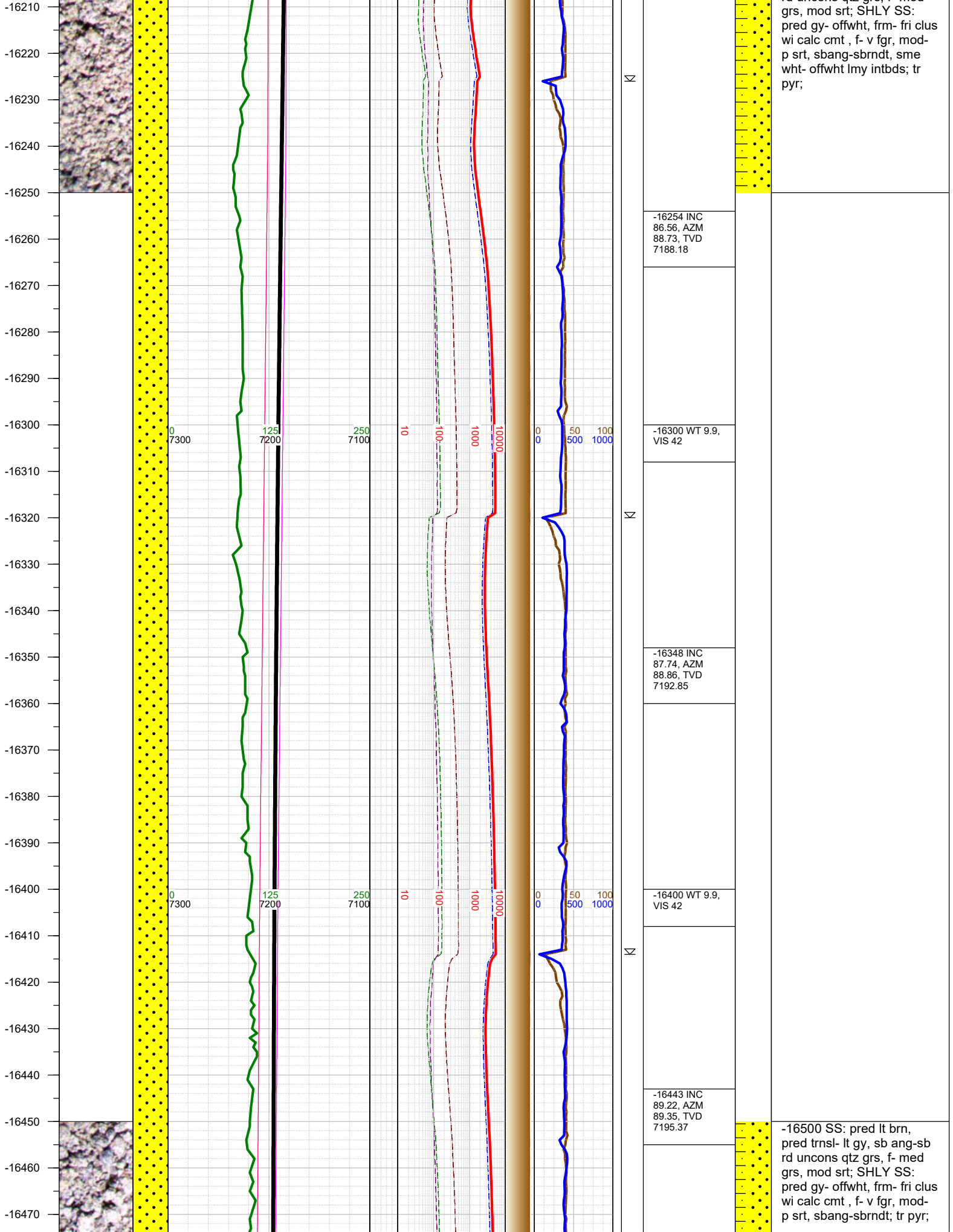




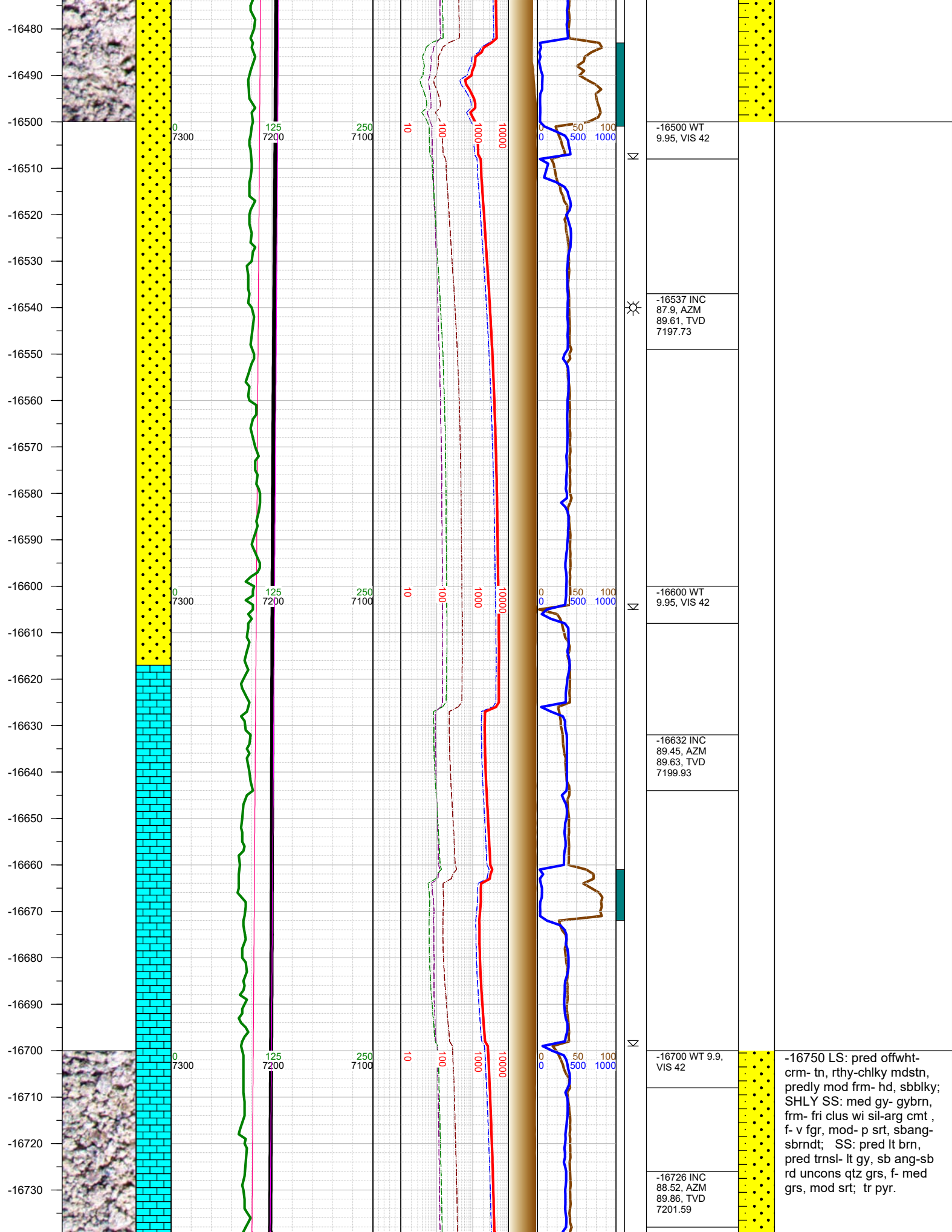


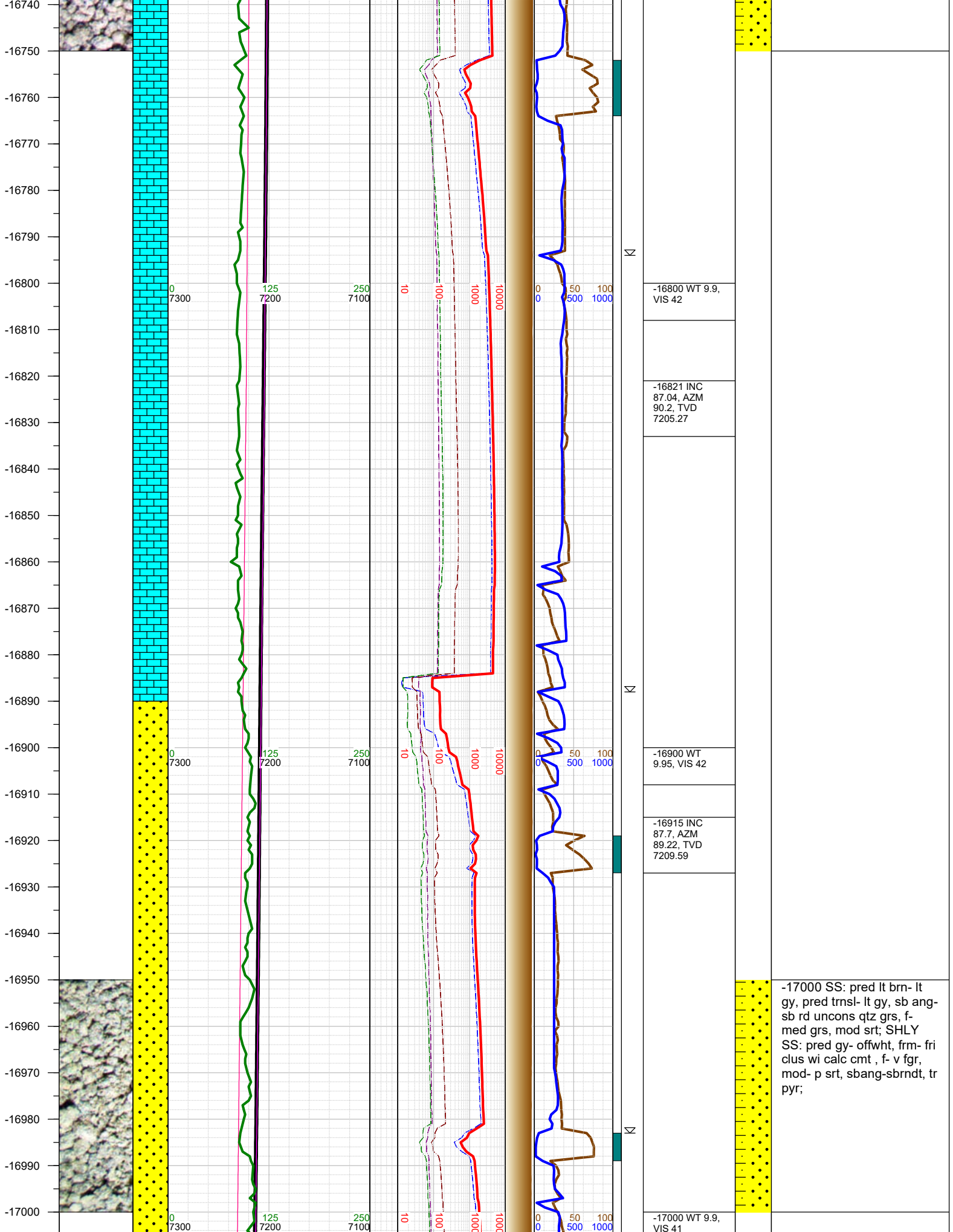




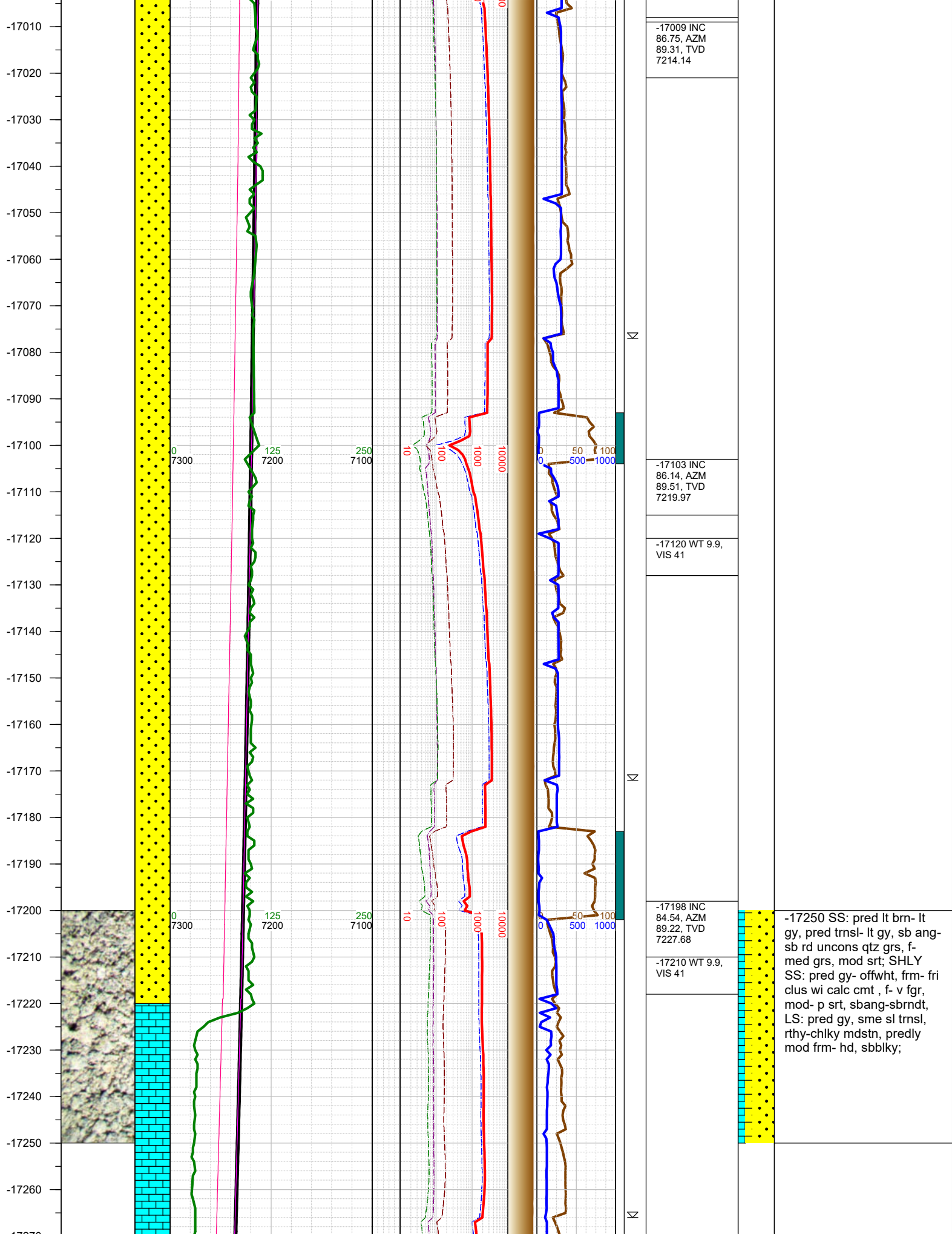




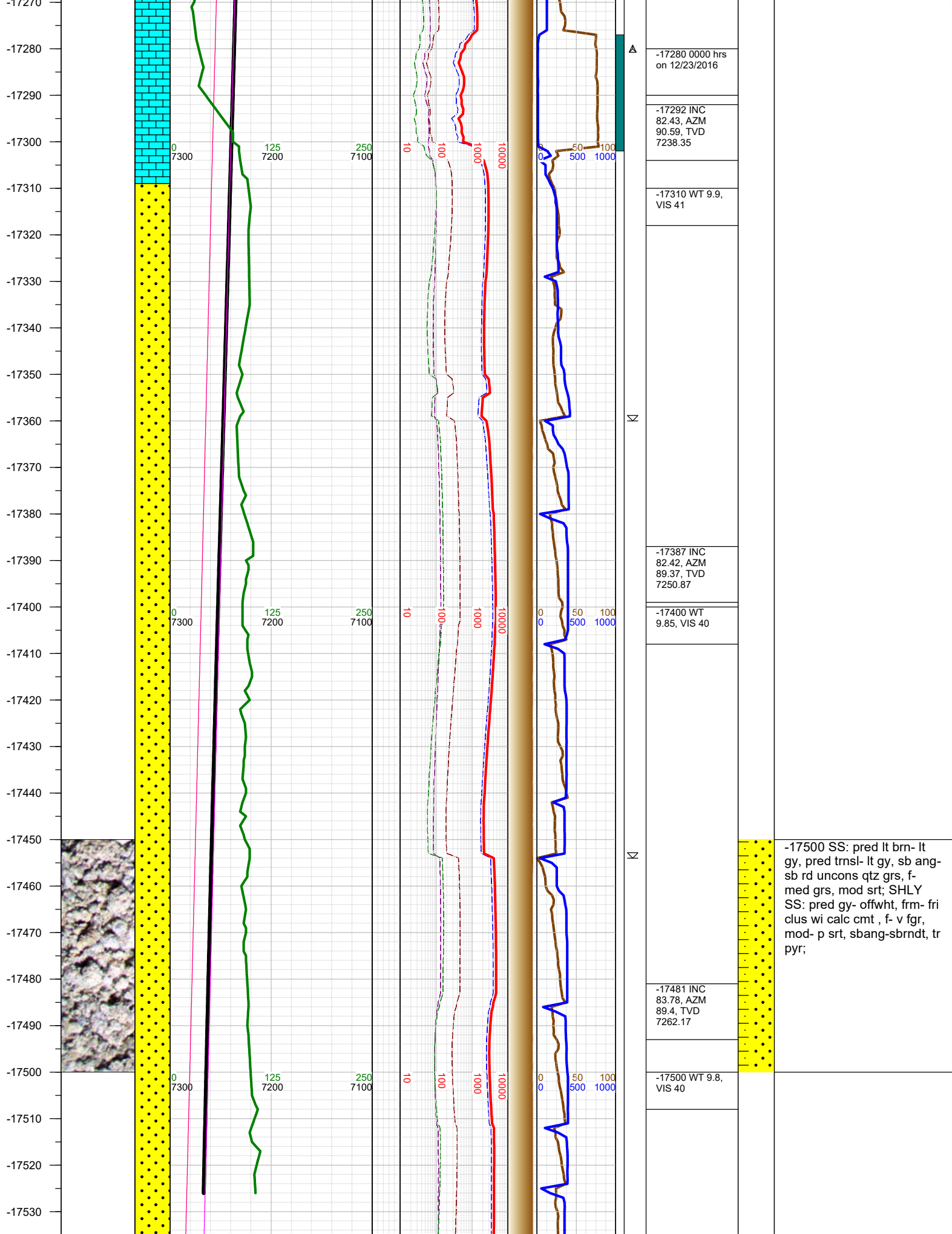


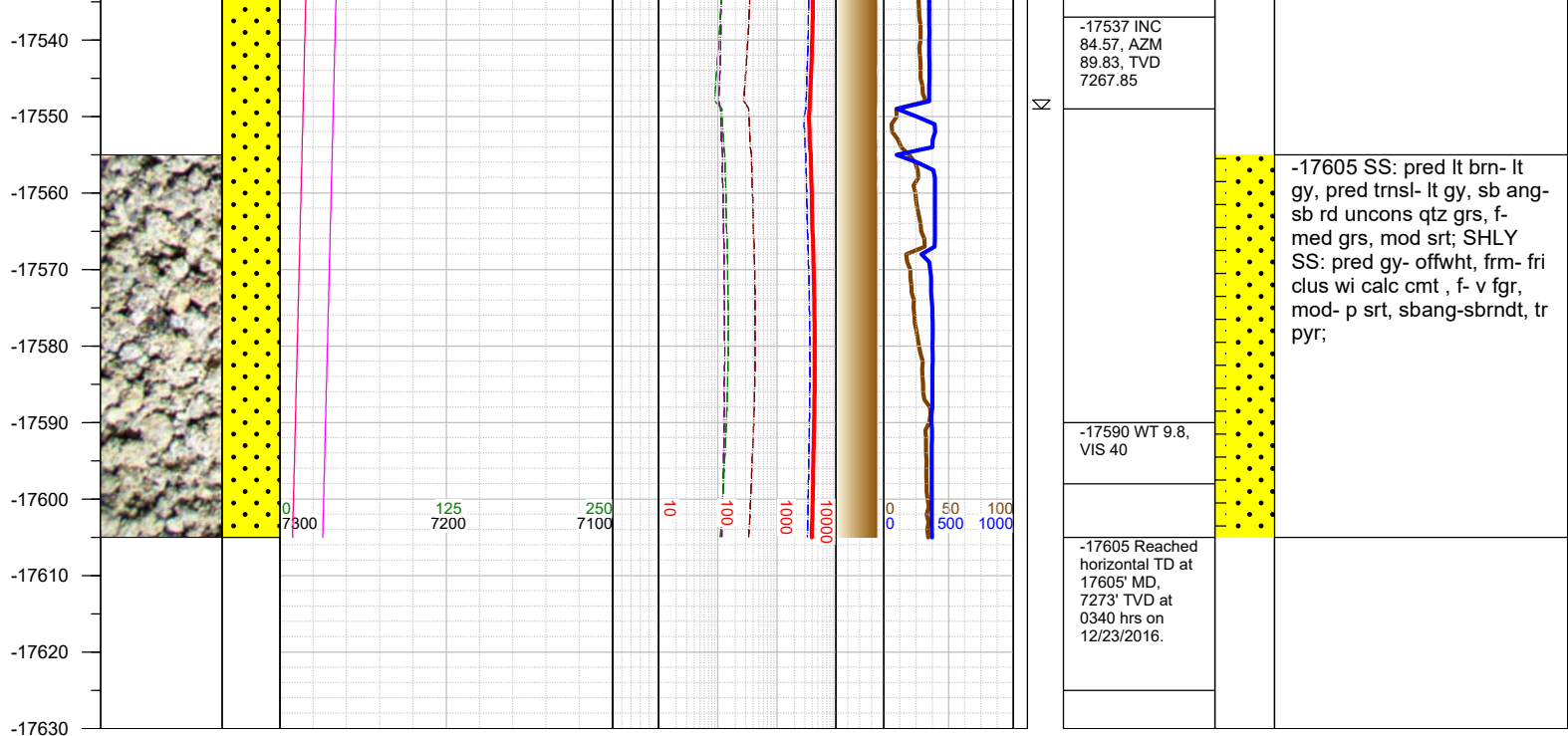


-17000 SS: pred lt brn- lt gy, pred trns- lt gy, sb ang- sb rd unconsl- lt grs, f- med grs, mod srt; SHLY SS: pred gy- offwht, frm- fri clus wi calc cmt, f- v fgr, mod- p srt, sbang-sbrndt, tr pyr;









TOTAL DEPTH = 17605'

Thank you for using Earth Science Agency