

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Coyote Trails 33W-15-4N**

FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Ensign 147
API #: 05-123-48254

LAT/LONG: 40.018198, -105.007633
SURFACE HOLE: SWSE S28-T1N-R68W, 1230' FSL, 2399' FEL
BOTTOM HOLE: S32-T1N-R68W, 1033' FNL, 460' FWL

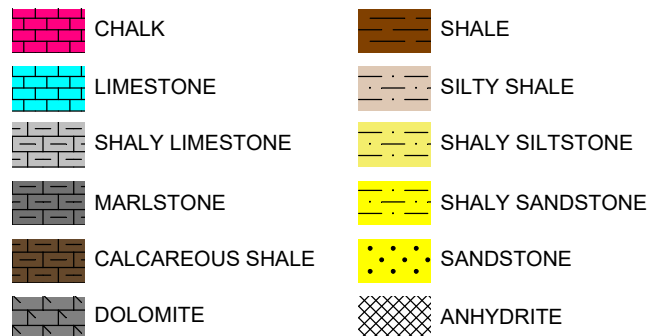


Earth Science Agency, LLC

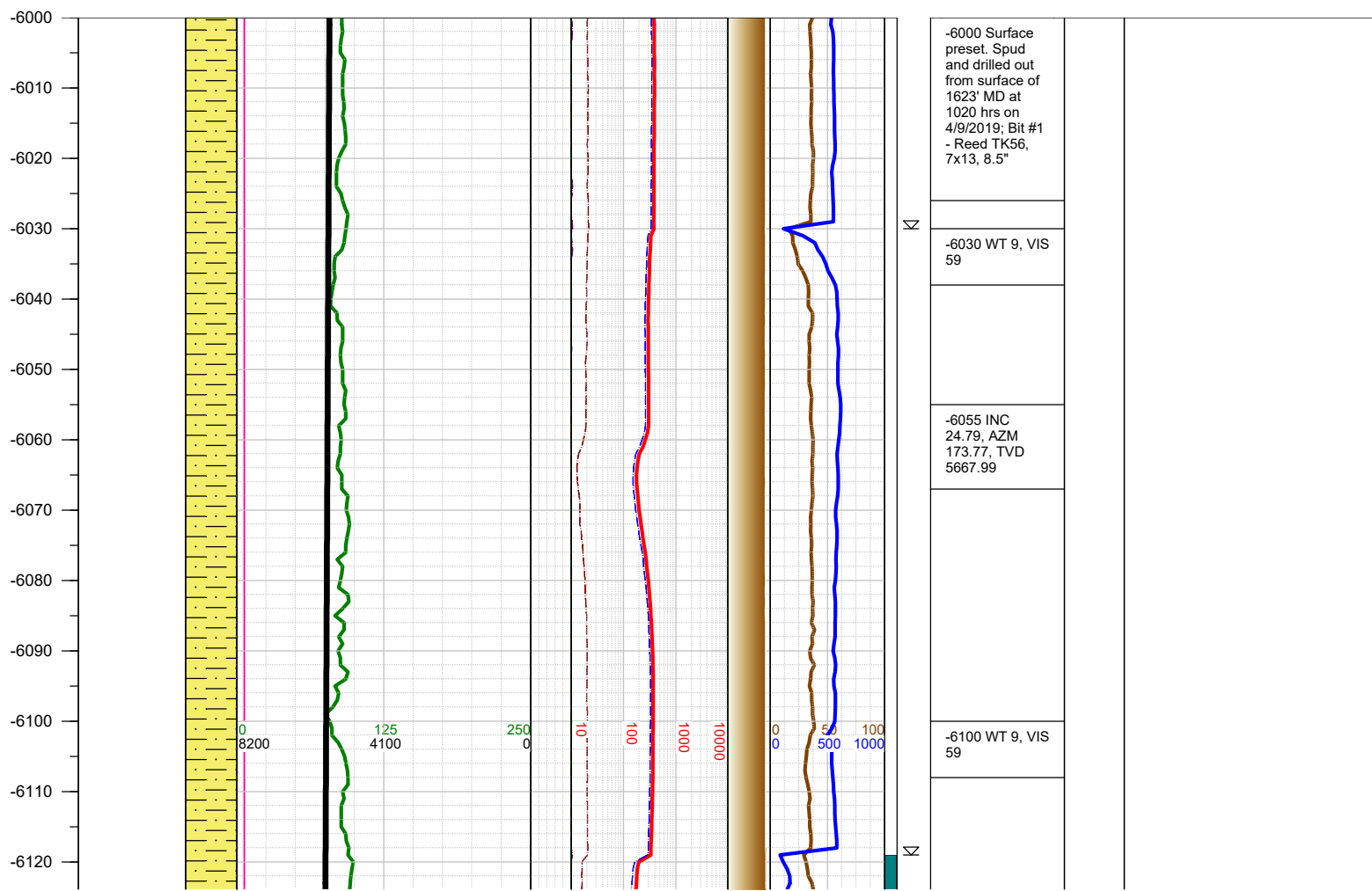
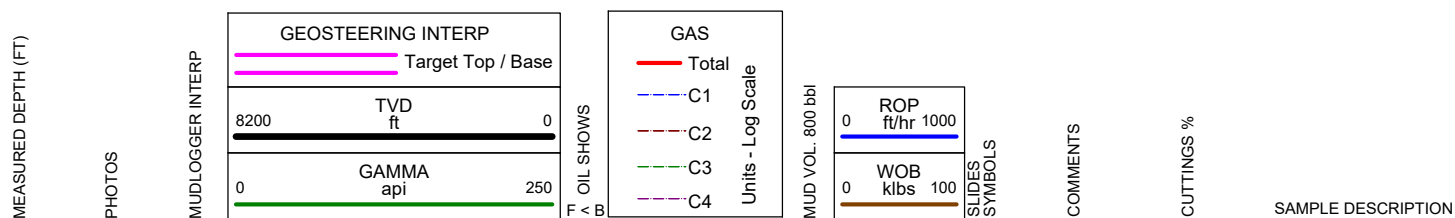
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5273'
KELLY BUSHING: 5301'
DRILLING FLUID: OBM
TVD VS. MD: 8041' / 15955'
SPUD DATE: April 9, 2019
TD DATE: April 12, 2019

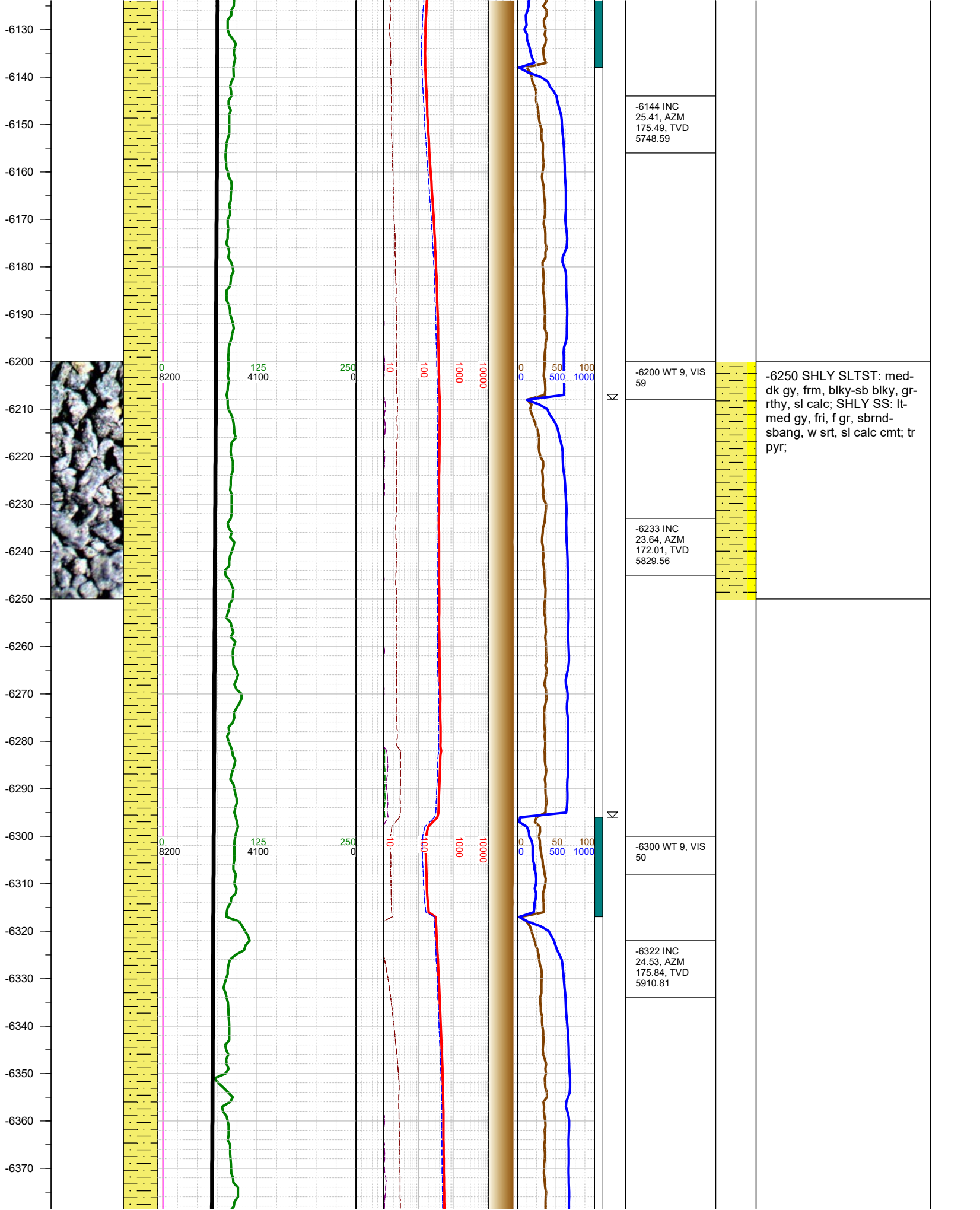
DEPTHS LOGGED: 6000' - 15955'
DATES LOGGED: April 9, 2019 - April 12, 2019
GEOLOGISTS: Dan Jacobs, Kyle Newman
SCALE: 5" = 100'

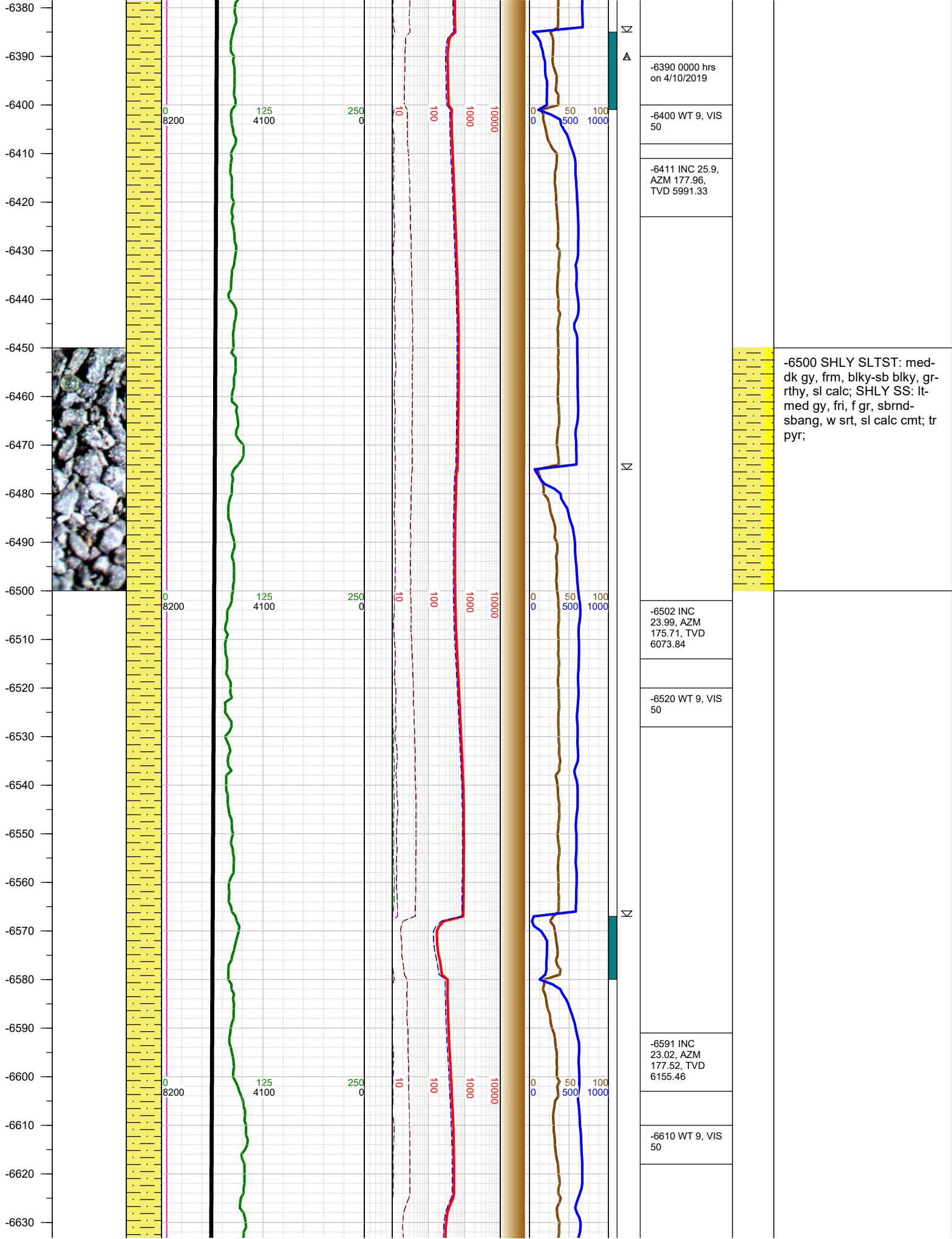
LEGEND

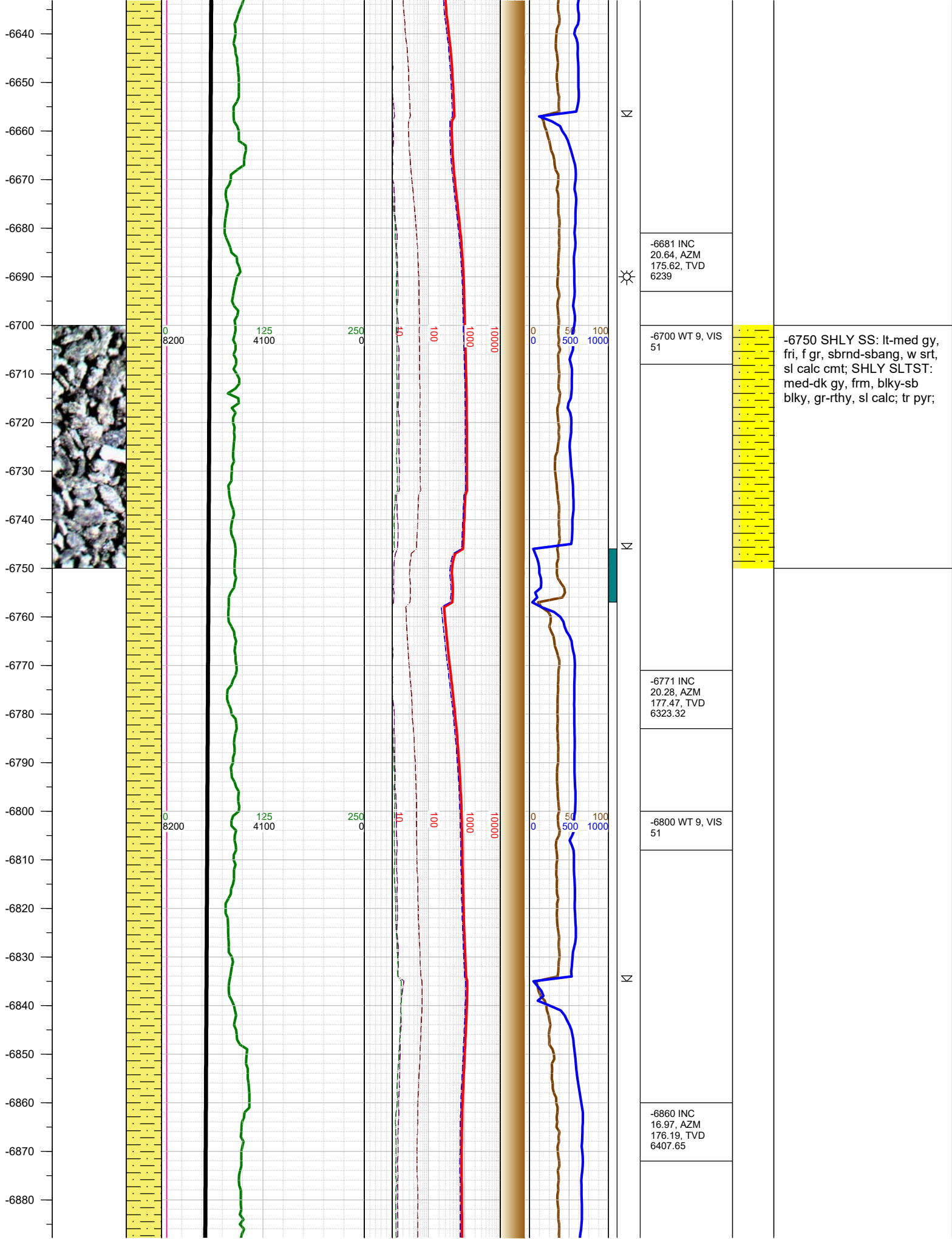


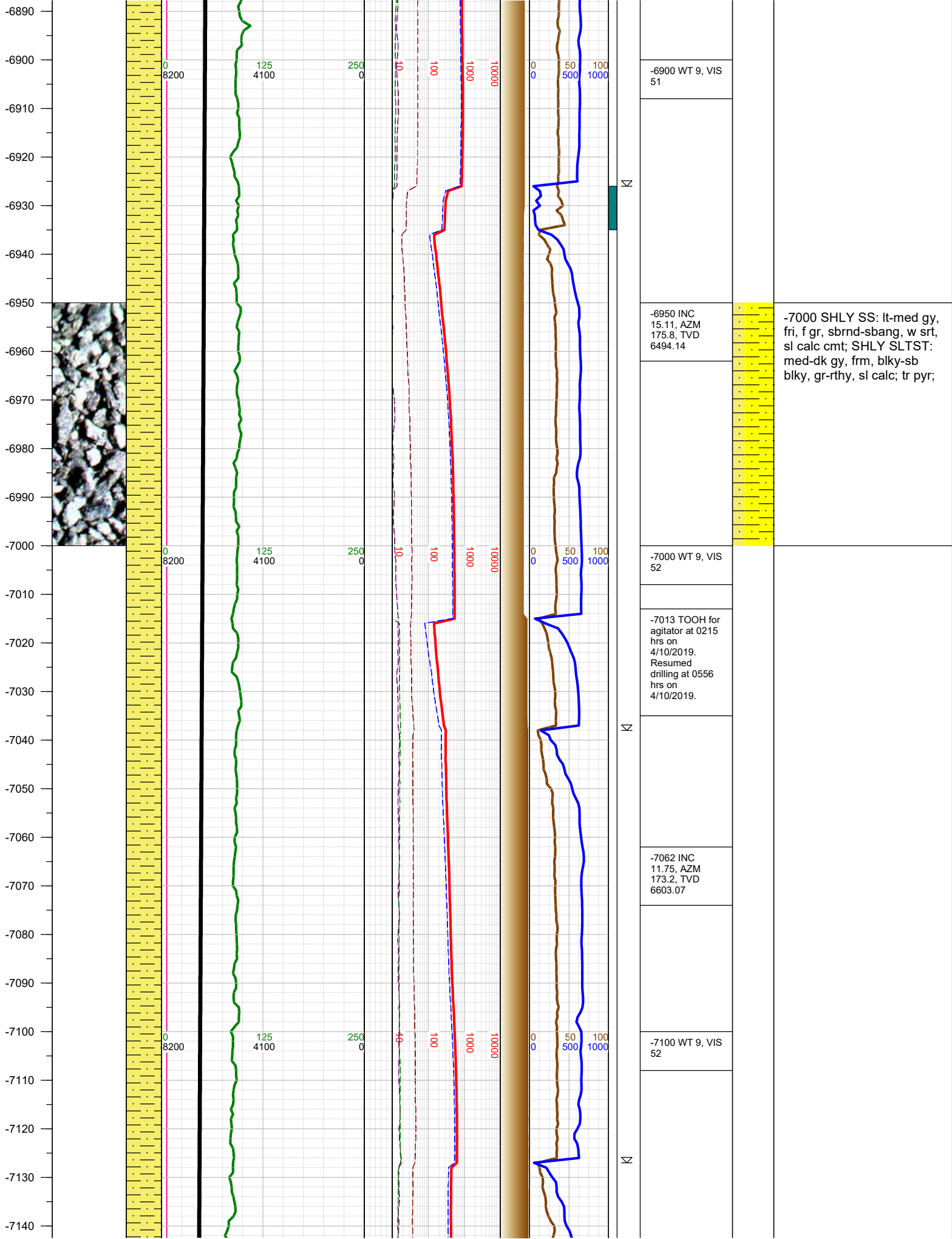
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT



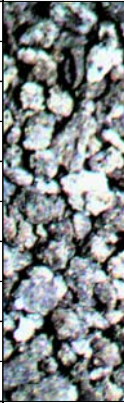




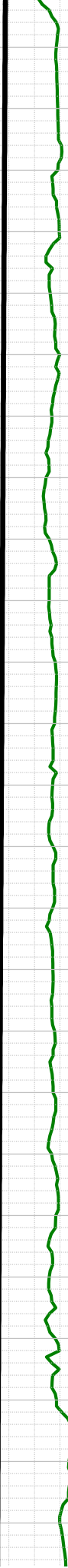




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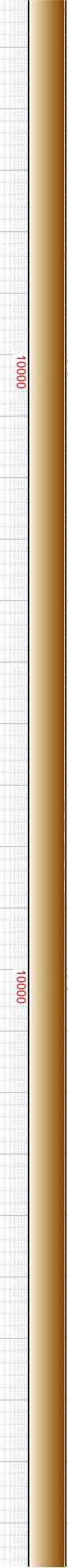
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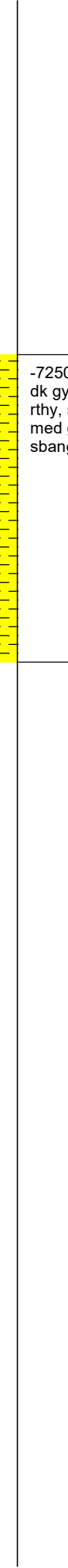
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-7151 INC 9.01,
AZM 174.03,
TVD 6690.6

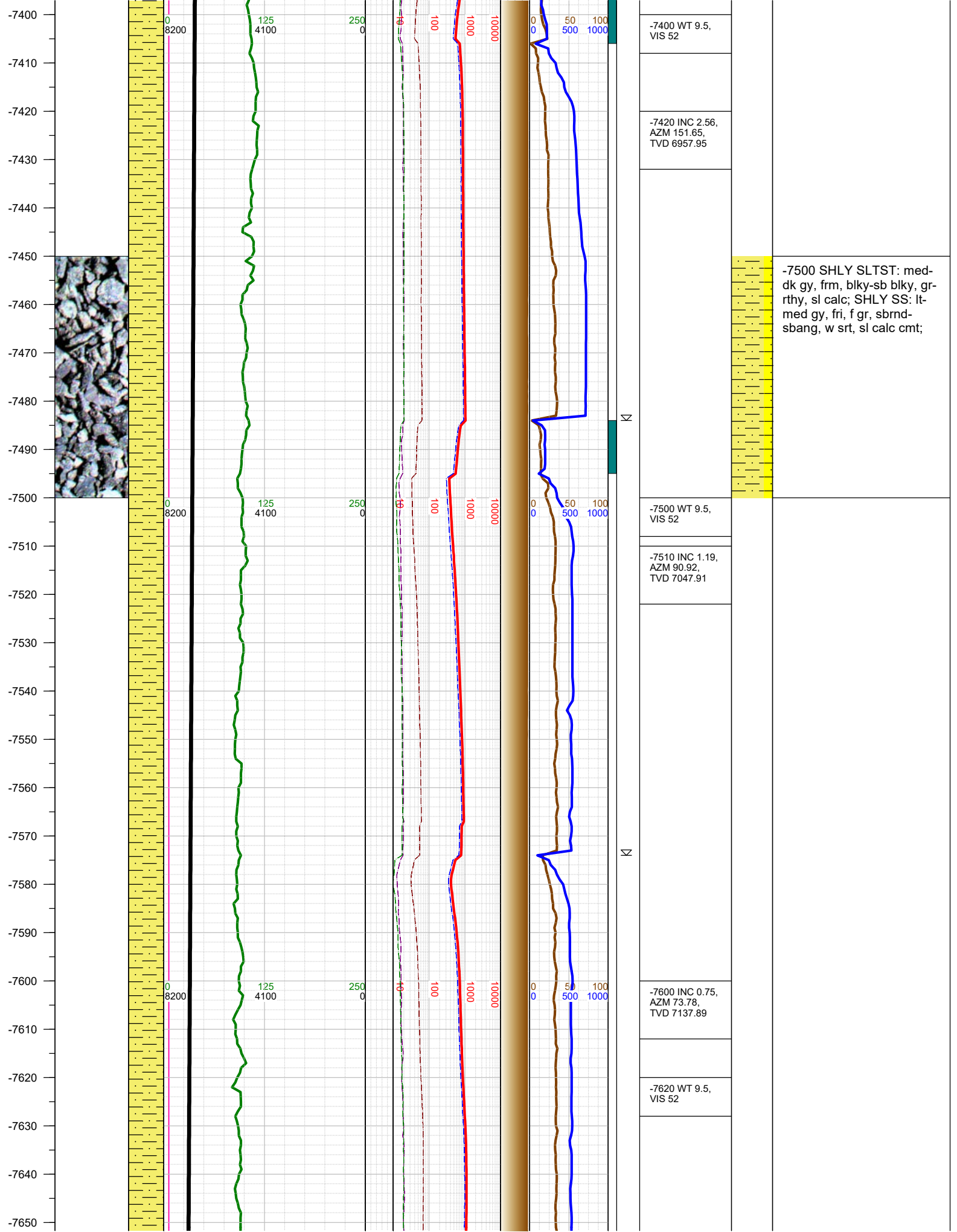
-7200 WT 9, VIS
52

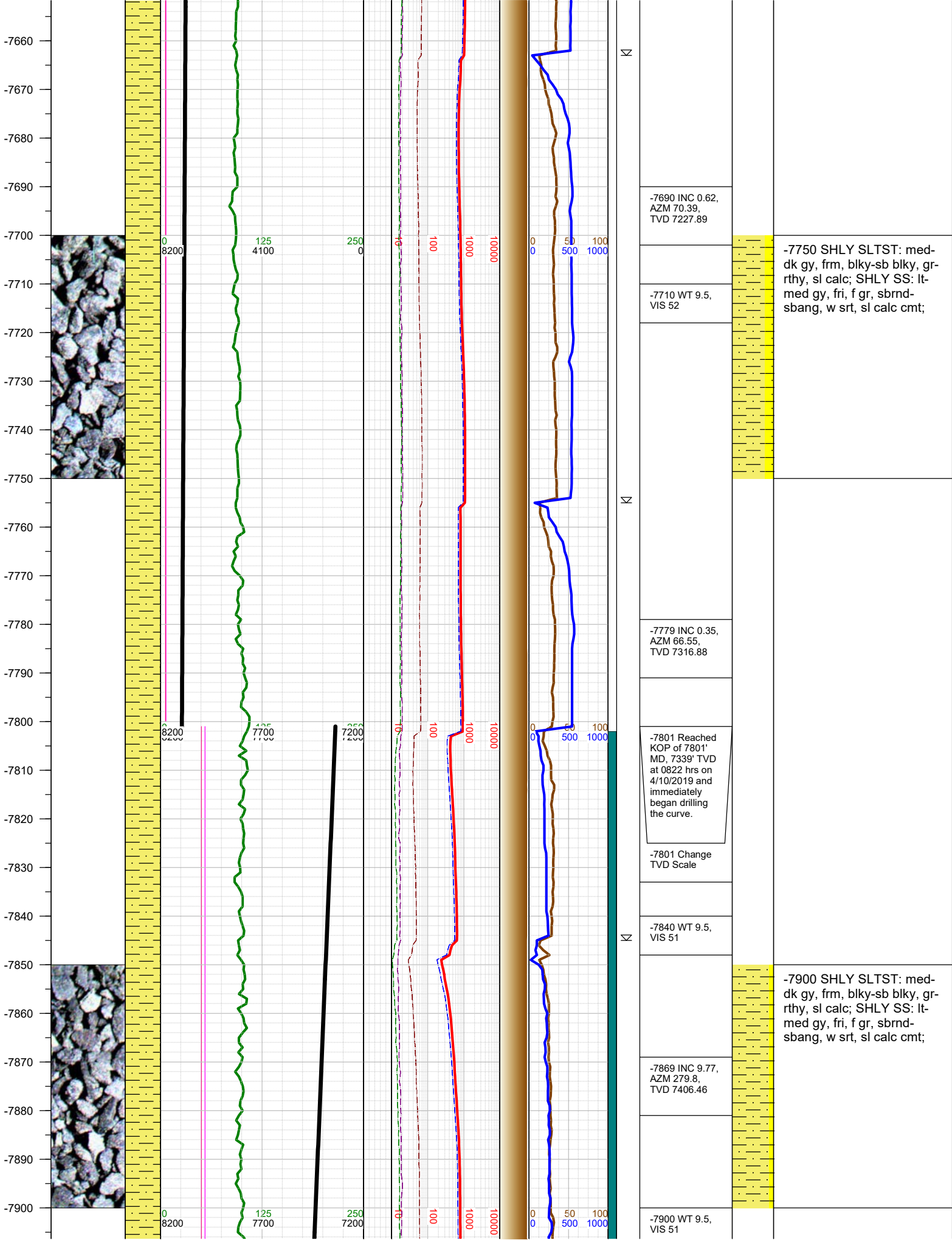
-7241 INC 7.11,
AZM 172.23,
TVD 6779.71

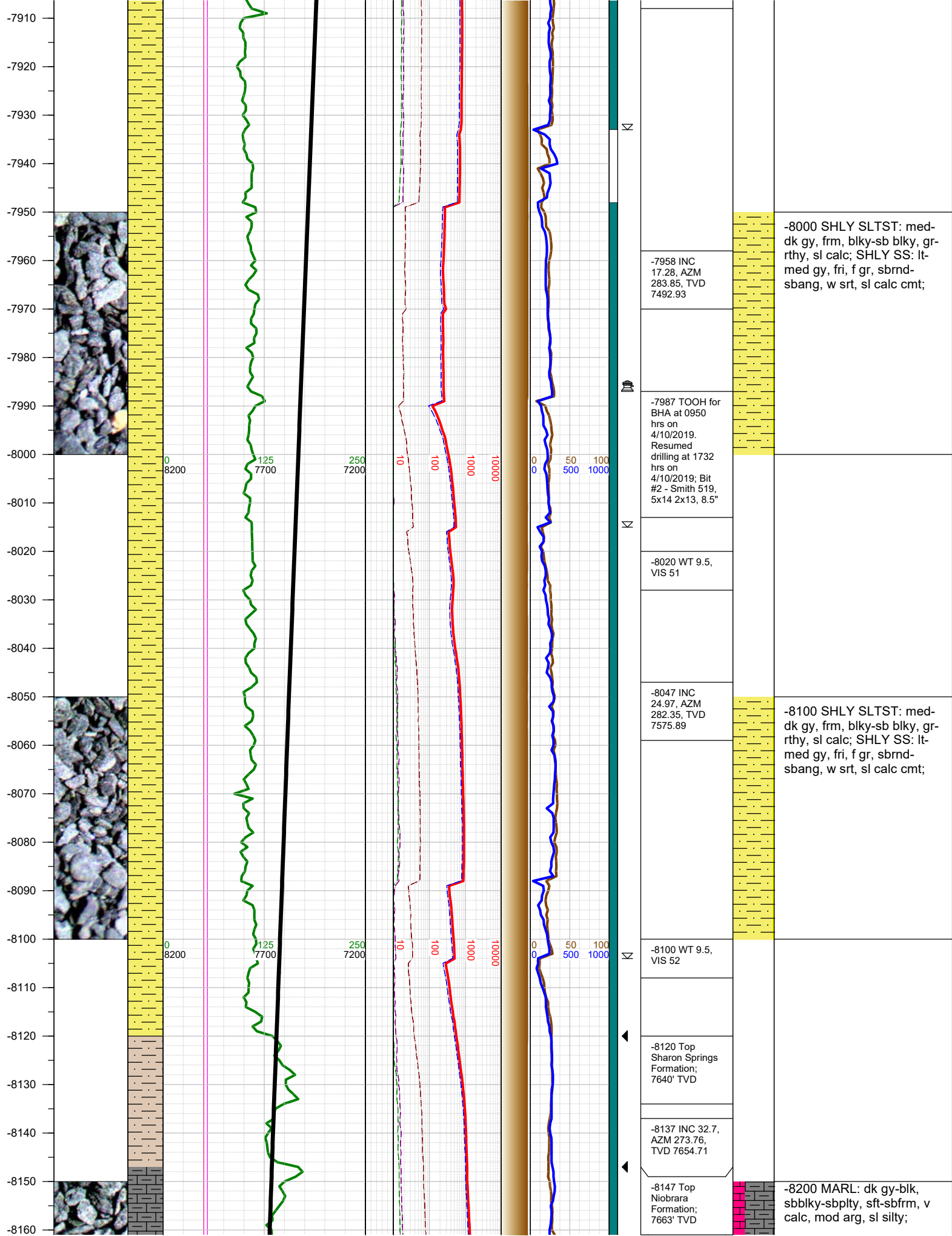
-7300 WT 9.5,
VIS 52

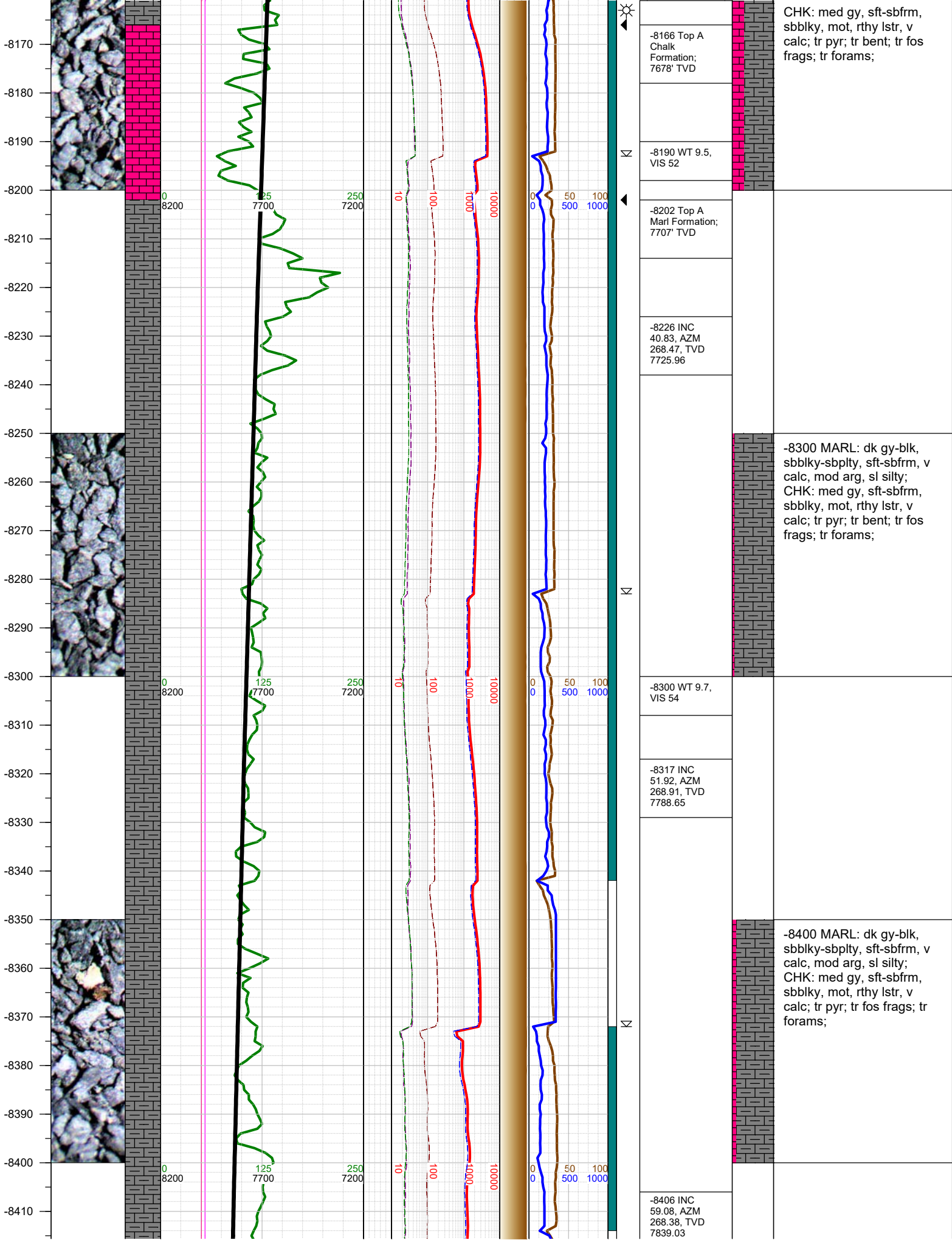
-7331 INC 5.39,
AZM 173.28,
TVD 6869.17

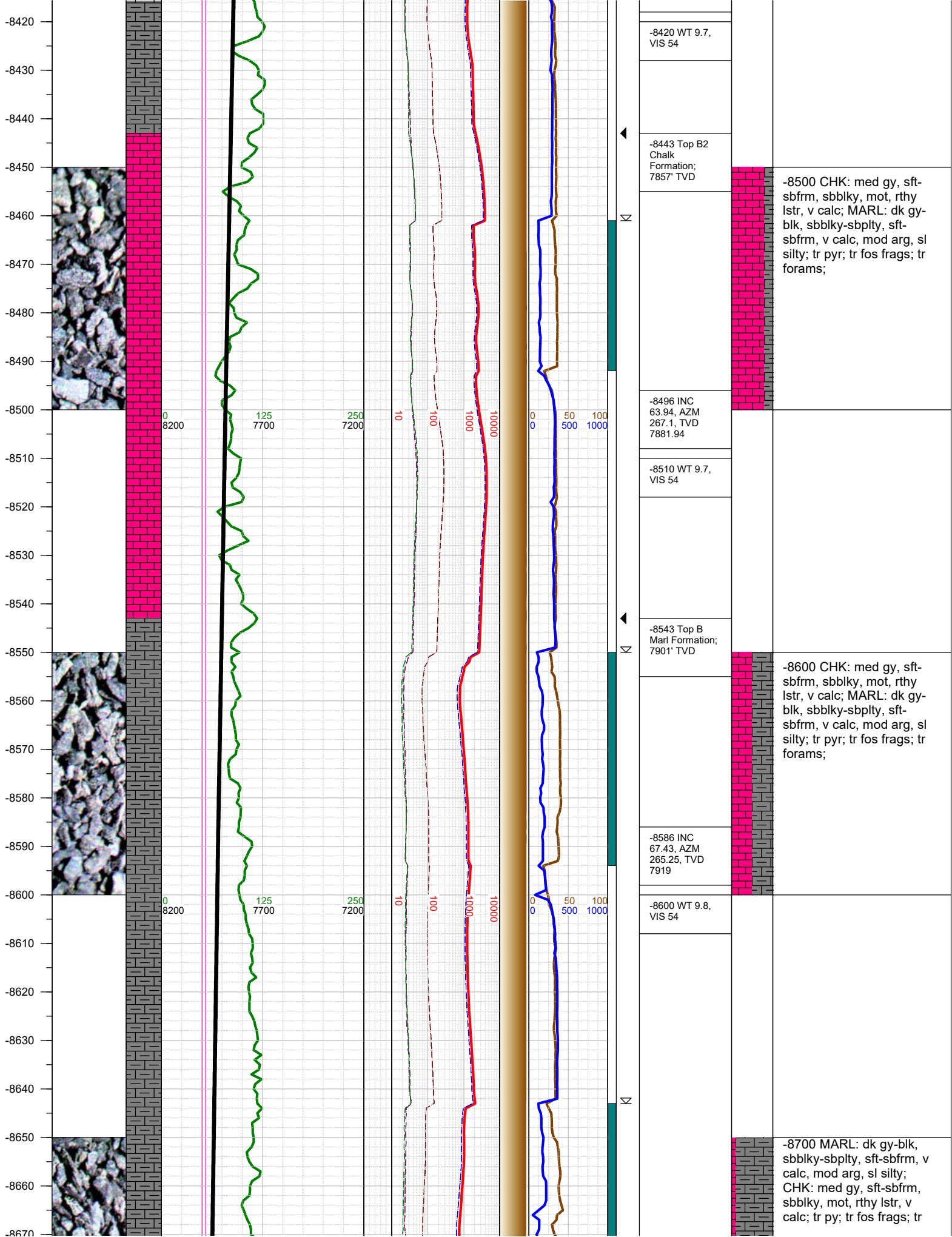
-7250 SHLY SLTST: med-
dk gy, frm, blk-y-sb blk-y, gr-
rthy, sl calc; SHLY SS: lt-
med gy, fri, f gr, sbrnd-
sbang, w srt, sl calc cmt;

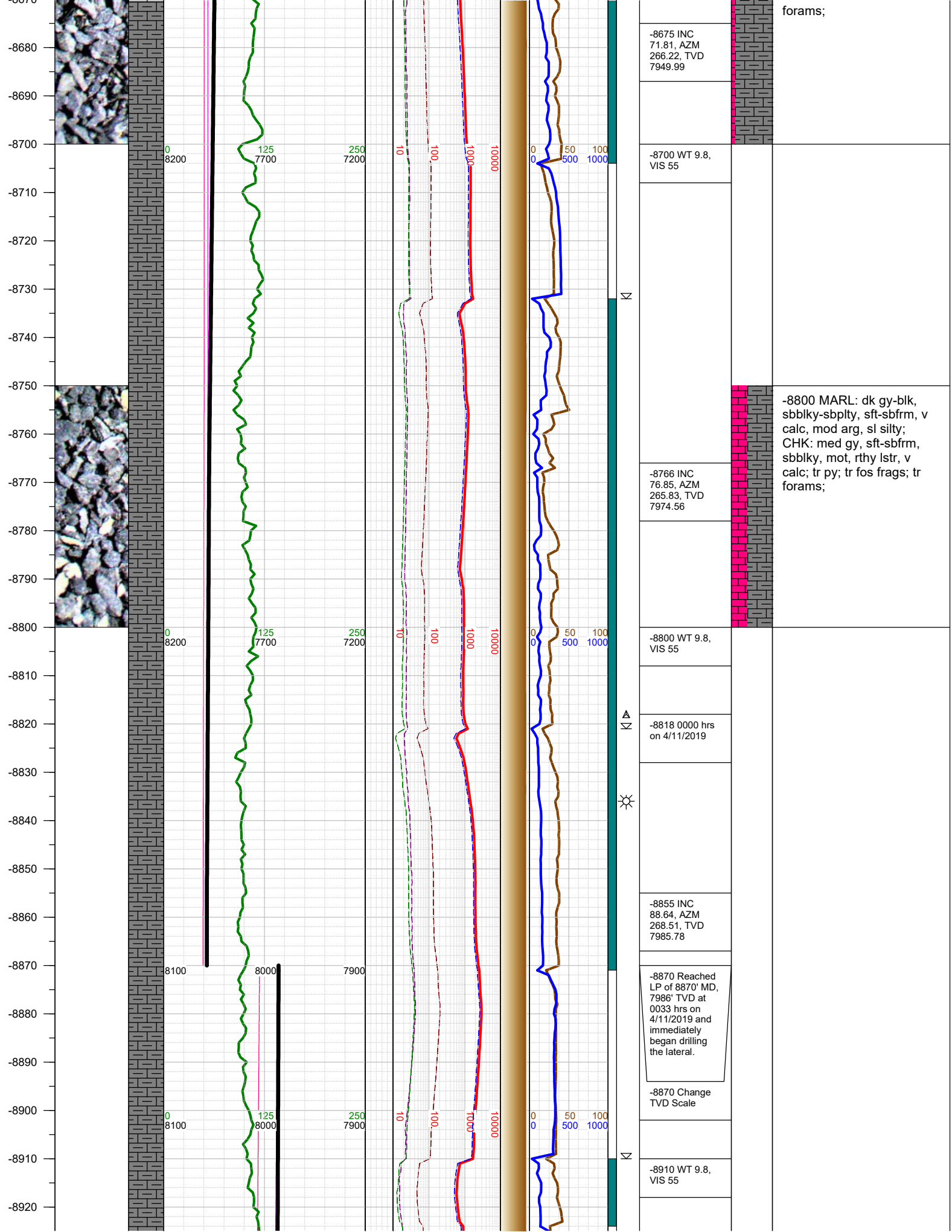


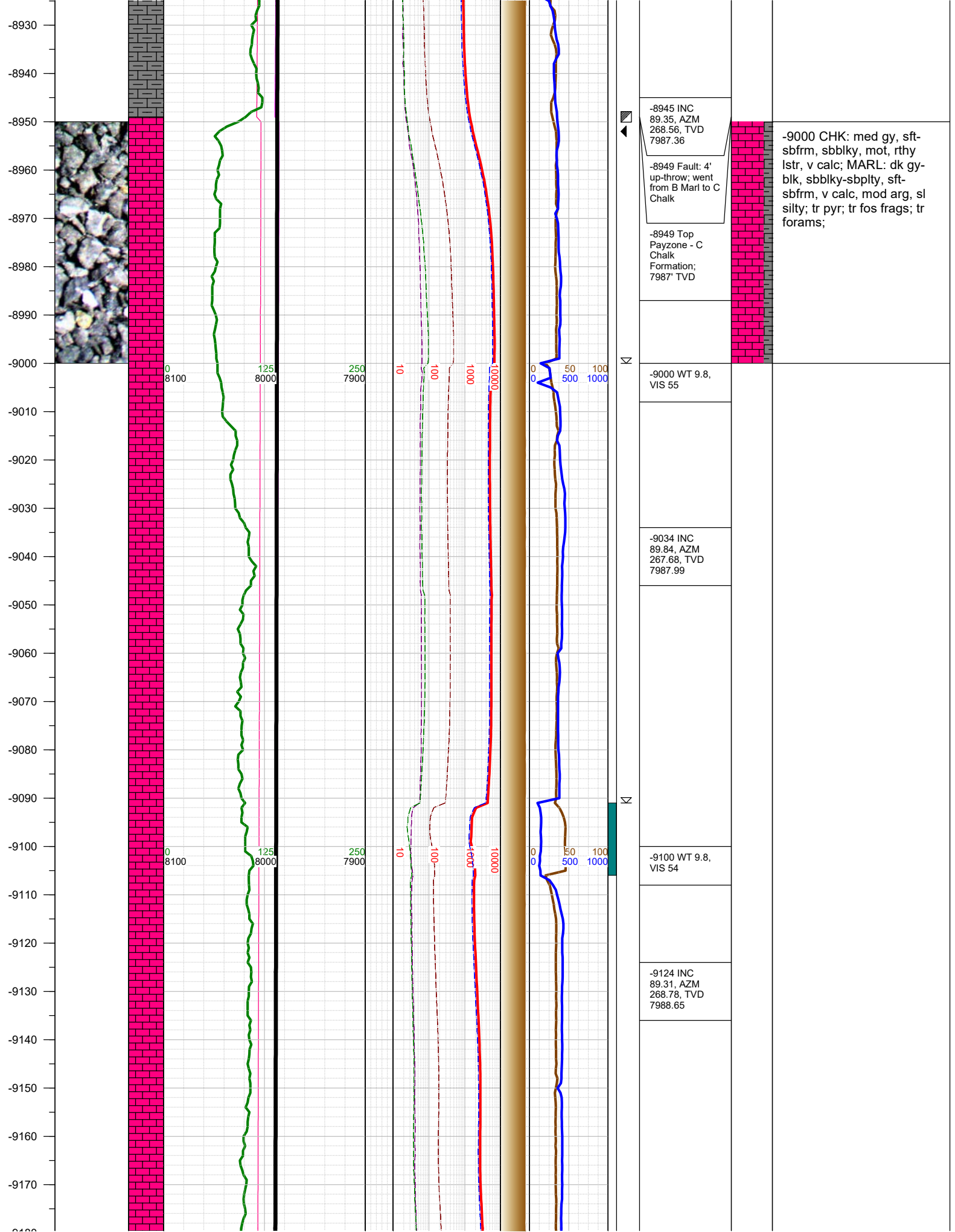


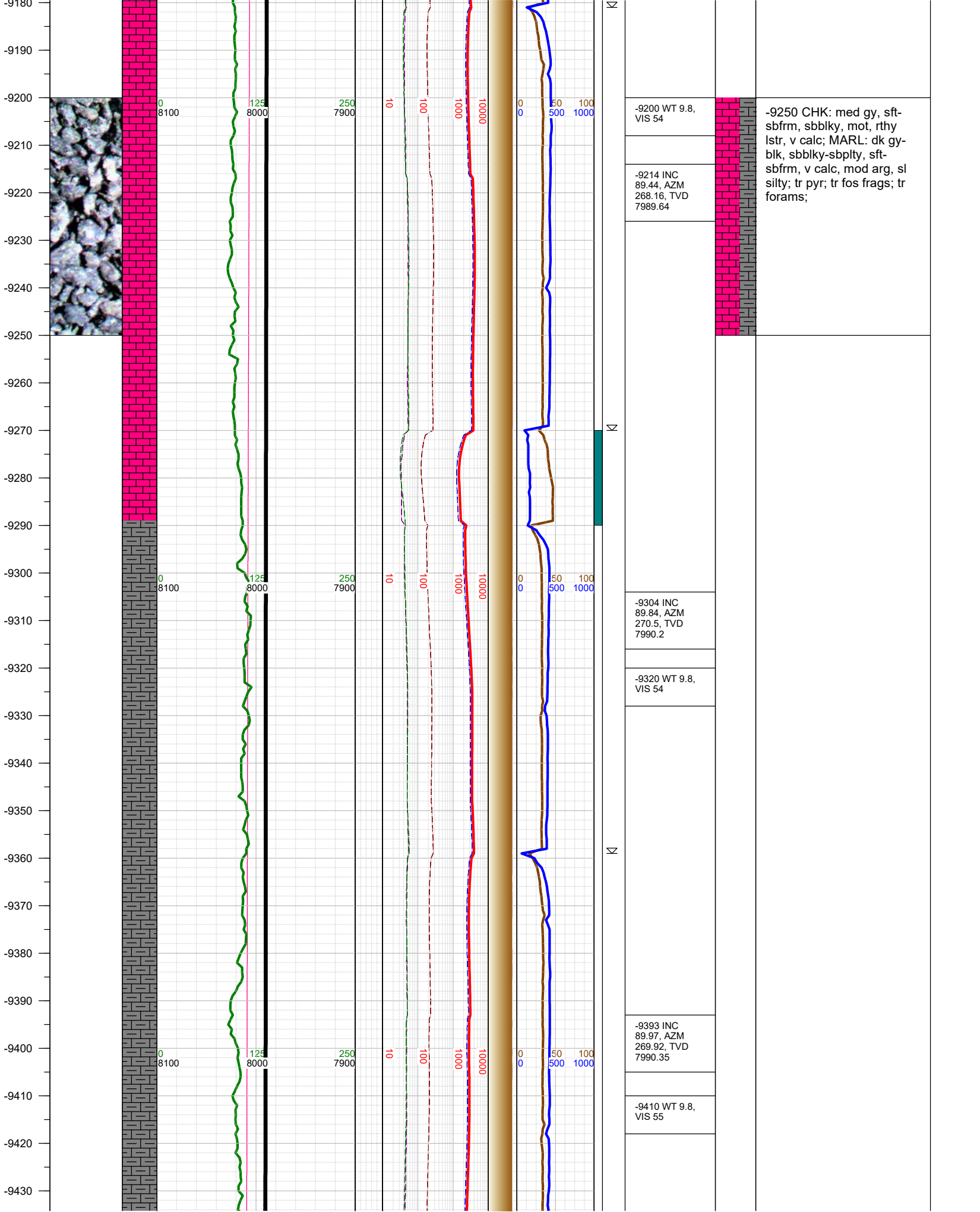




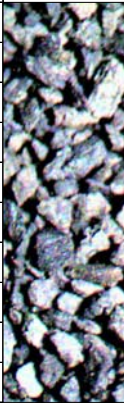








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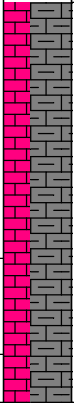
-9482 INC
89.22, AZM
270.67, TVD
7990.98

-9500 WT 9.8,
VIS 55

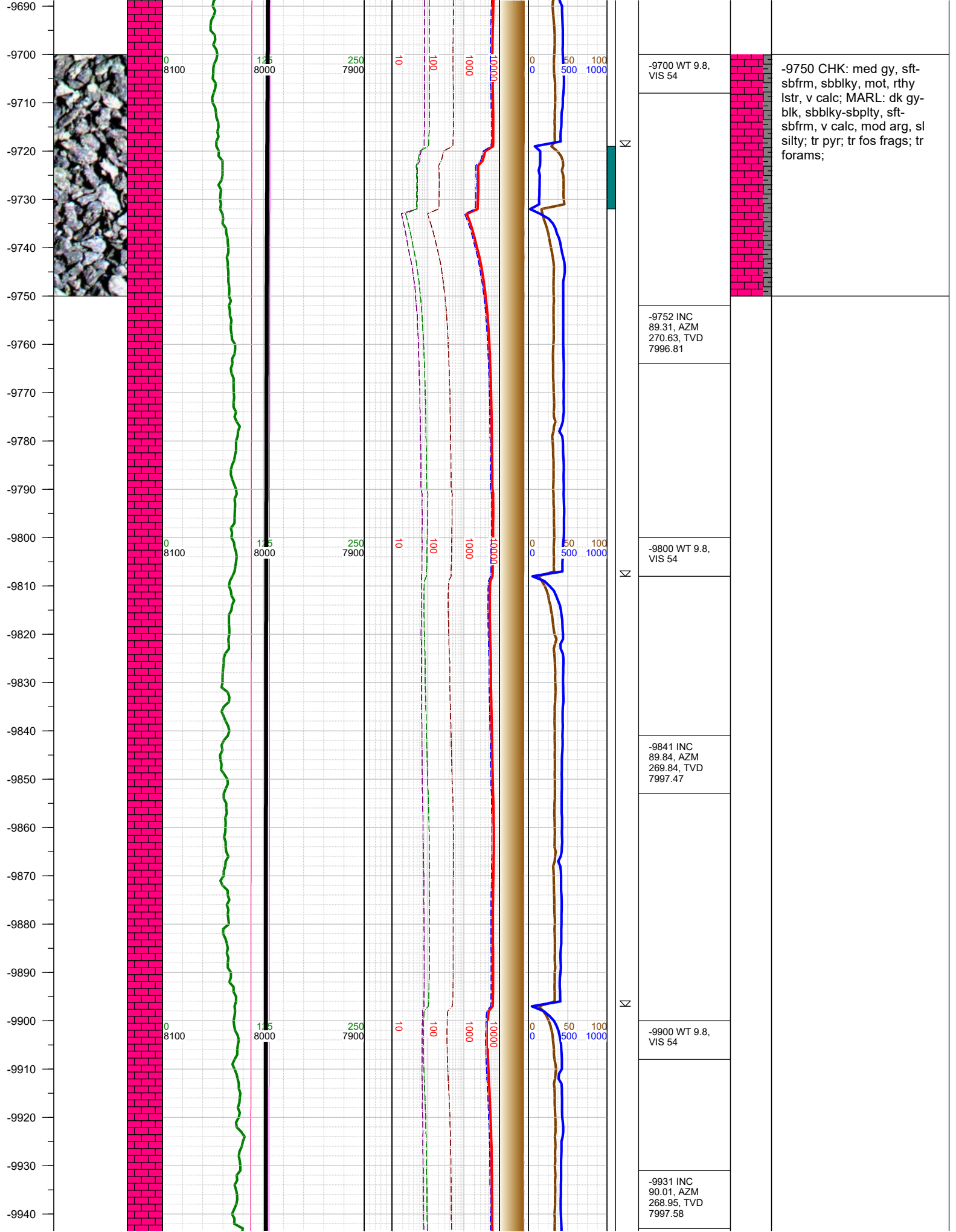
-9572 INC 88.6,
AZM 271.64,
TVD 7992.69

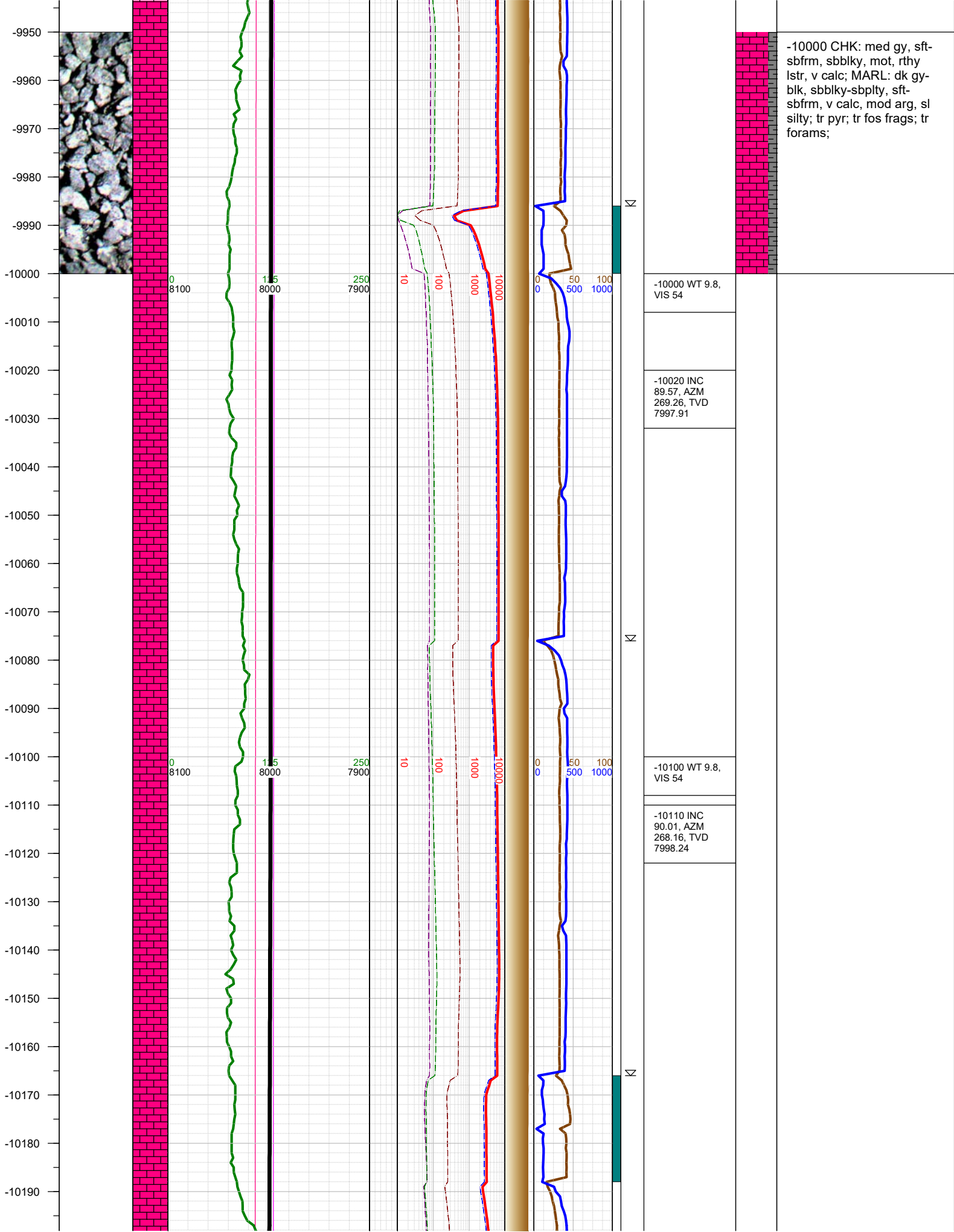
-9600 WT 9.8,
VIS 55

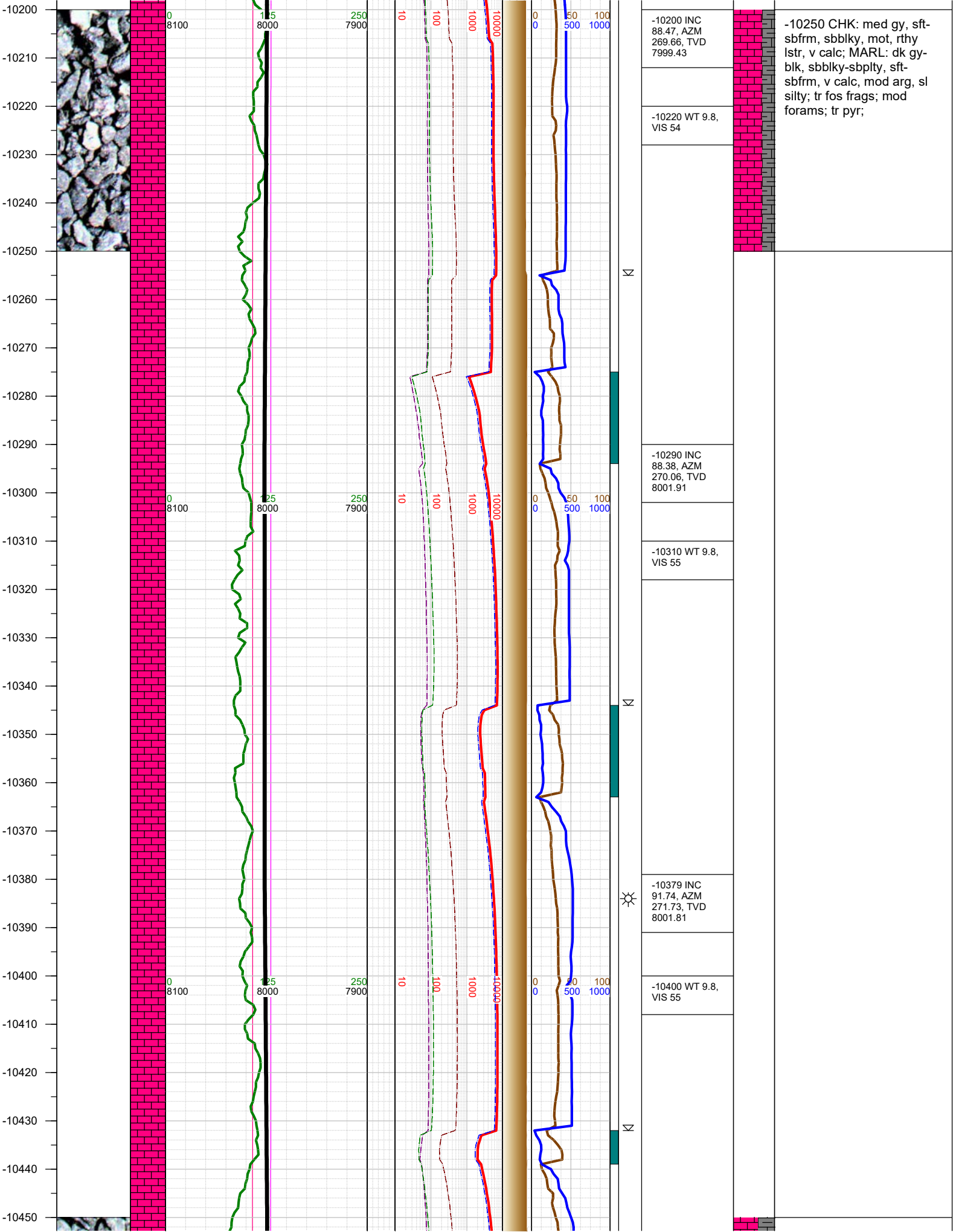
-9661 INC
88.42, AZM
270.41, TVD
7995

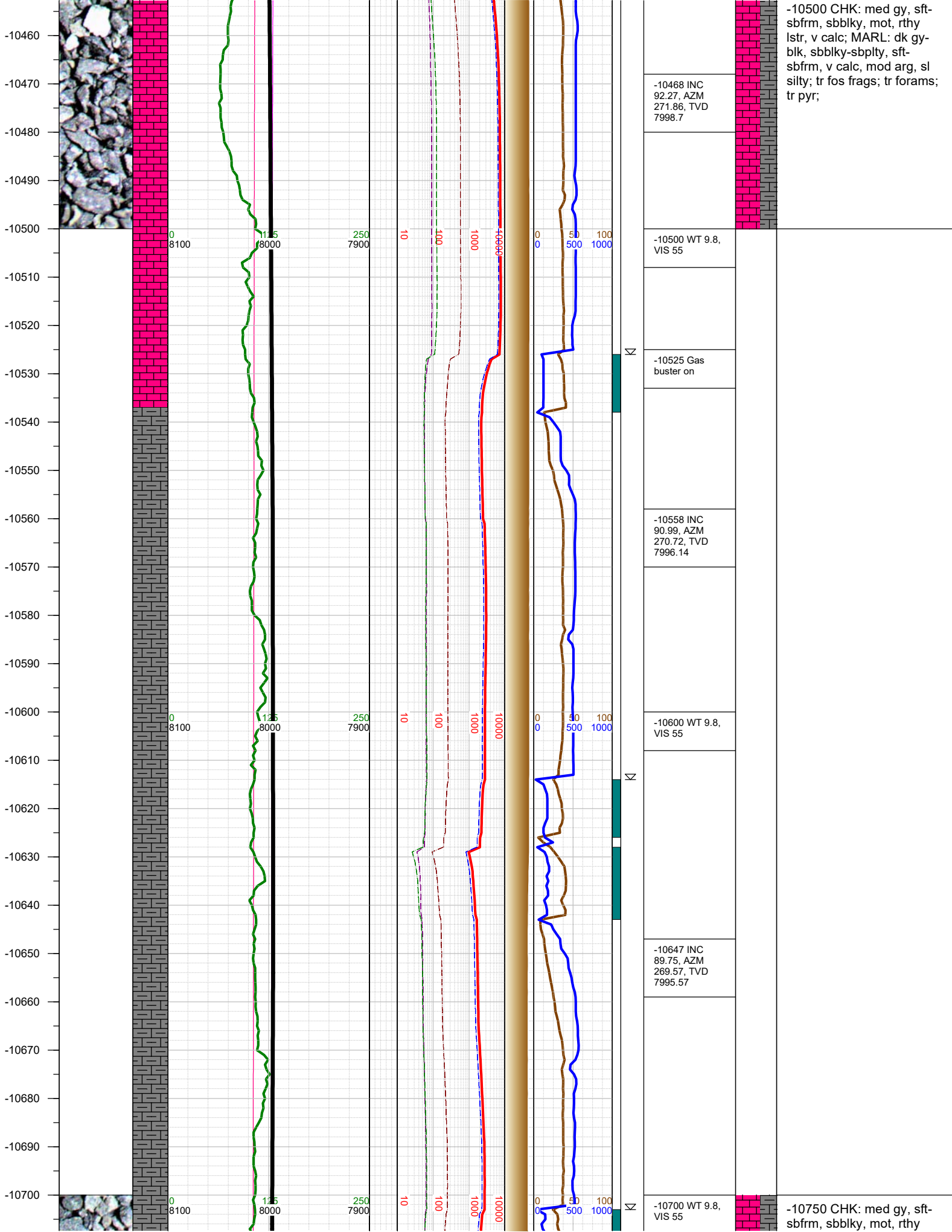


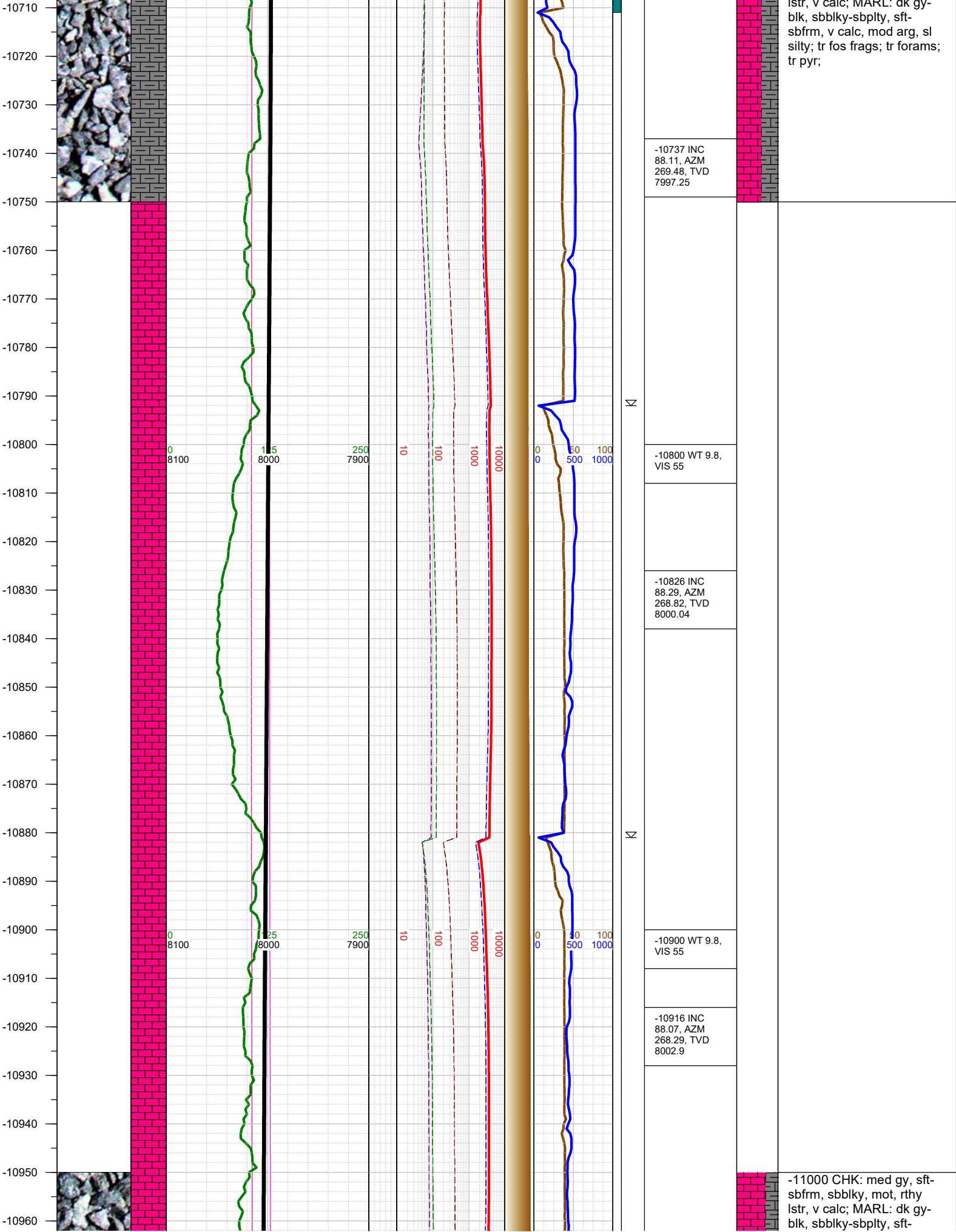
-9500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbly, mot, rthy lstr, v
calc; tr pyr; tr fos frags; tr
forams;

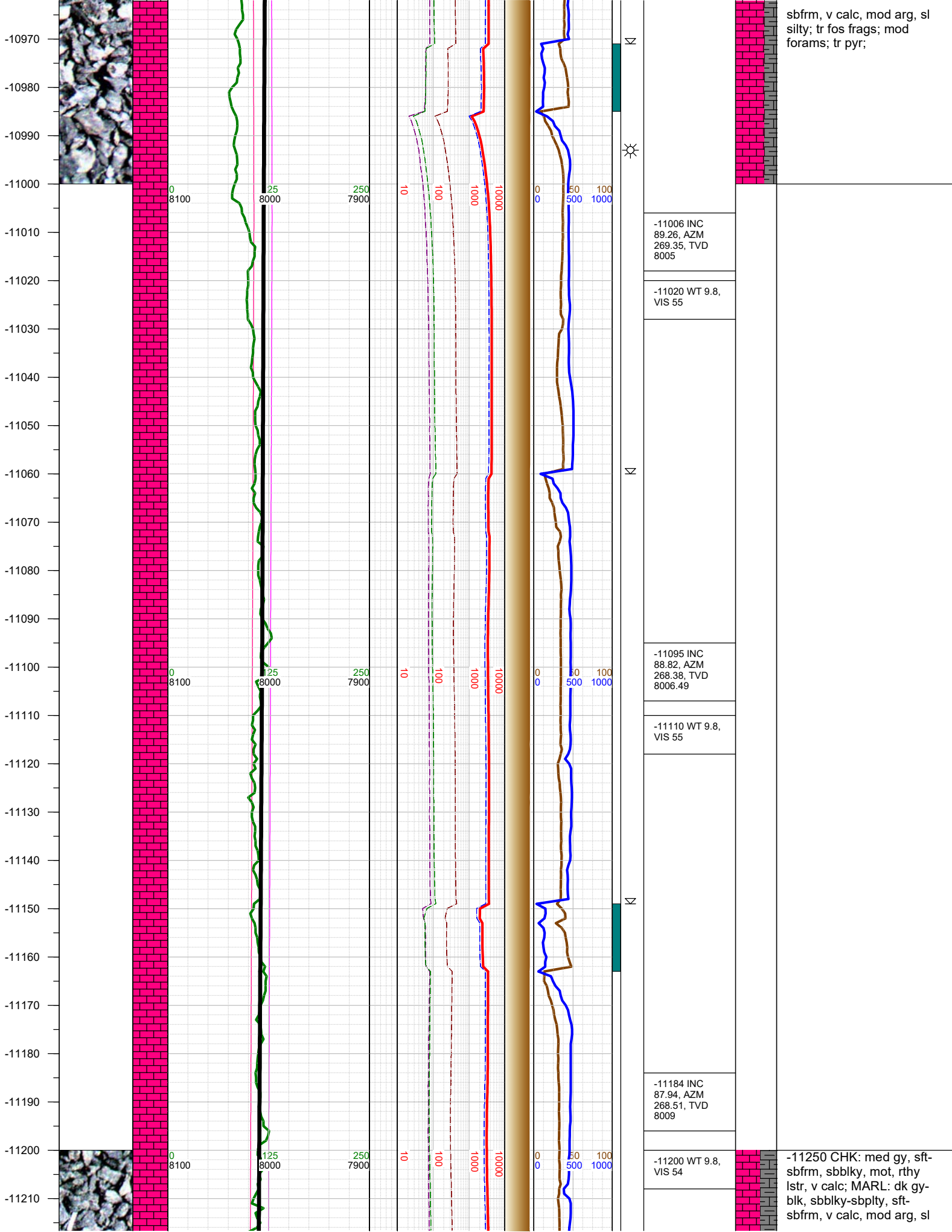






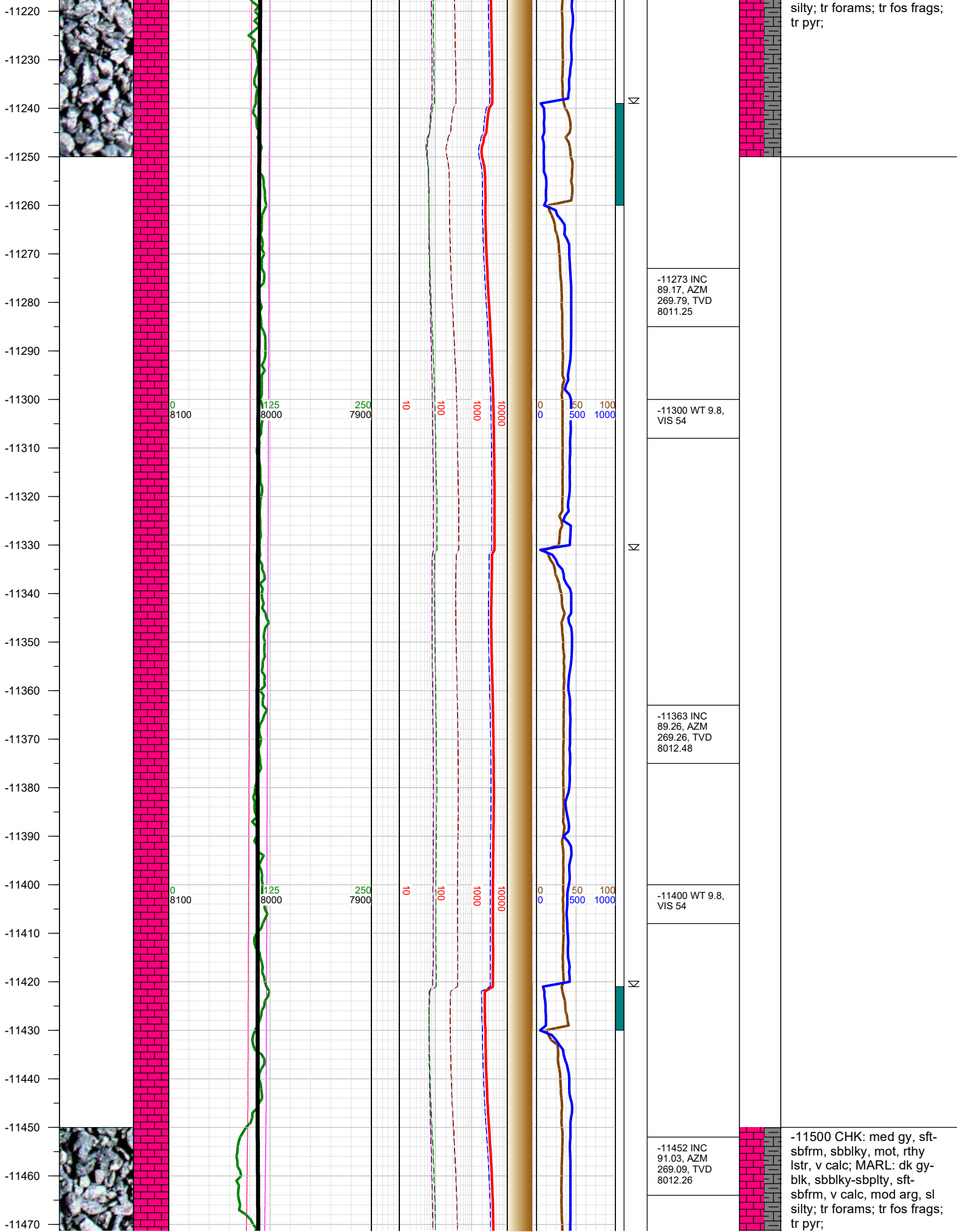


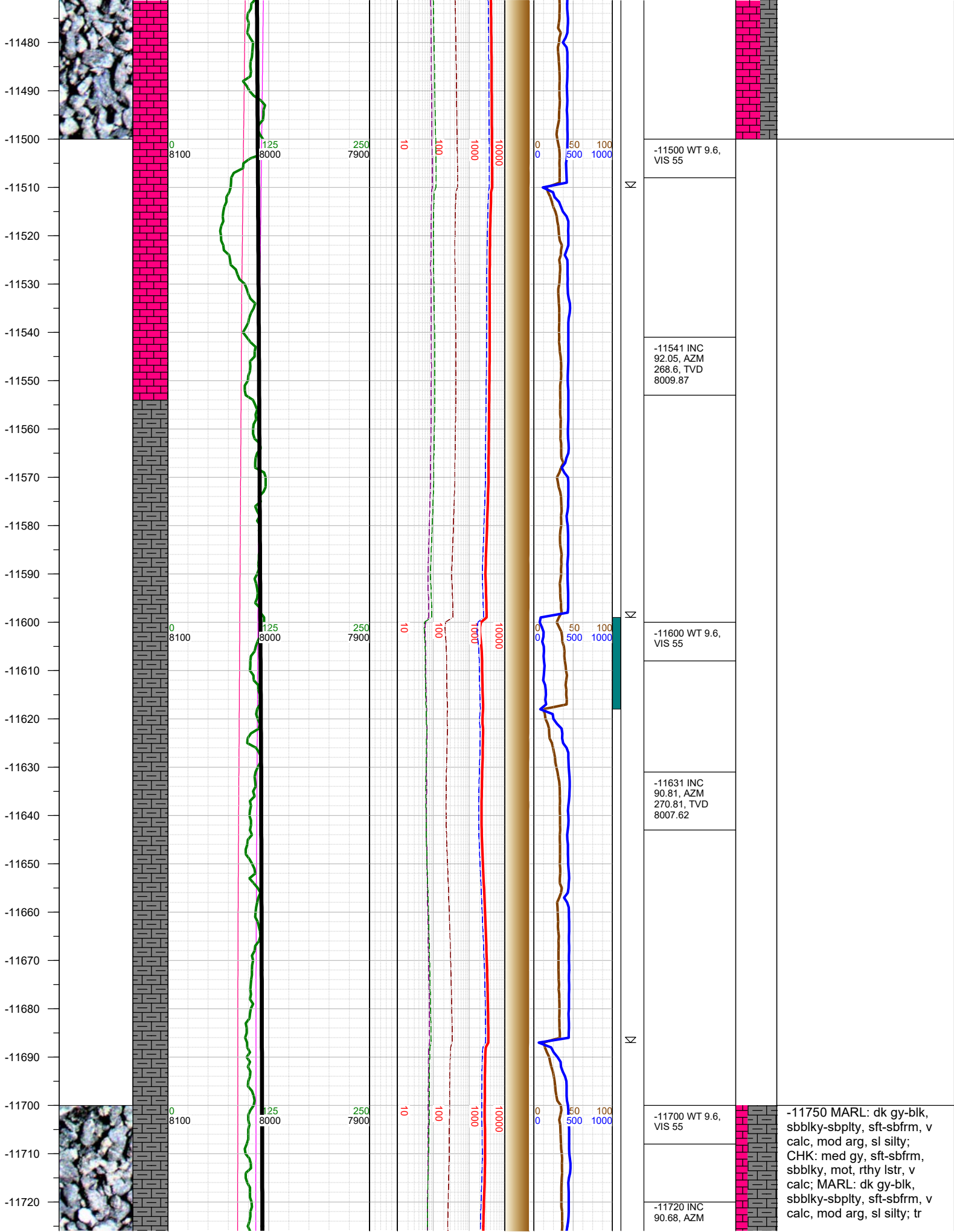


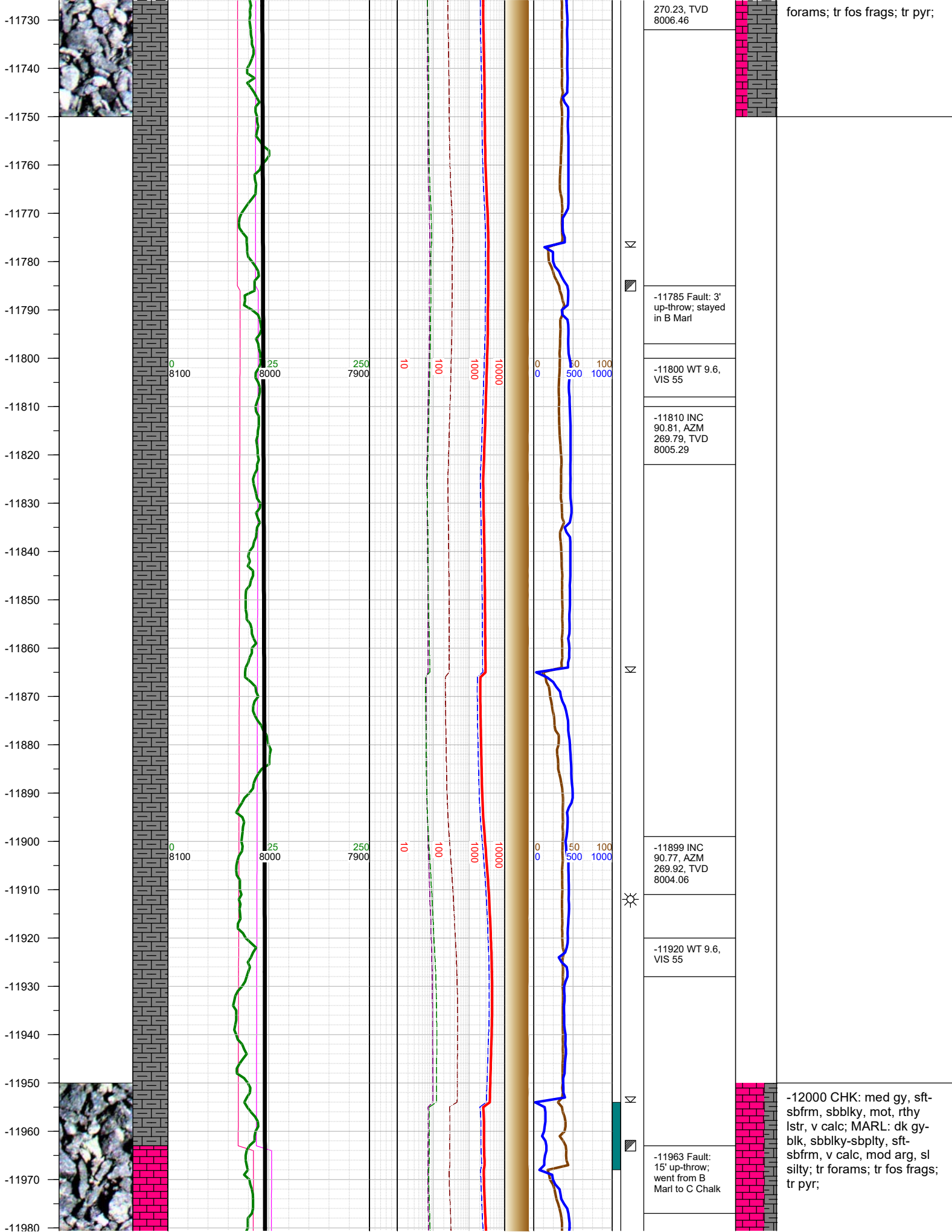


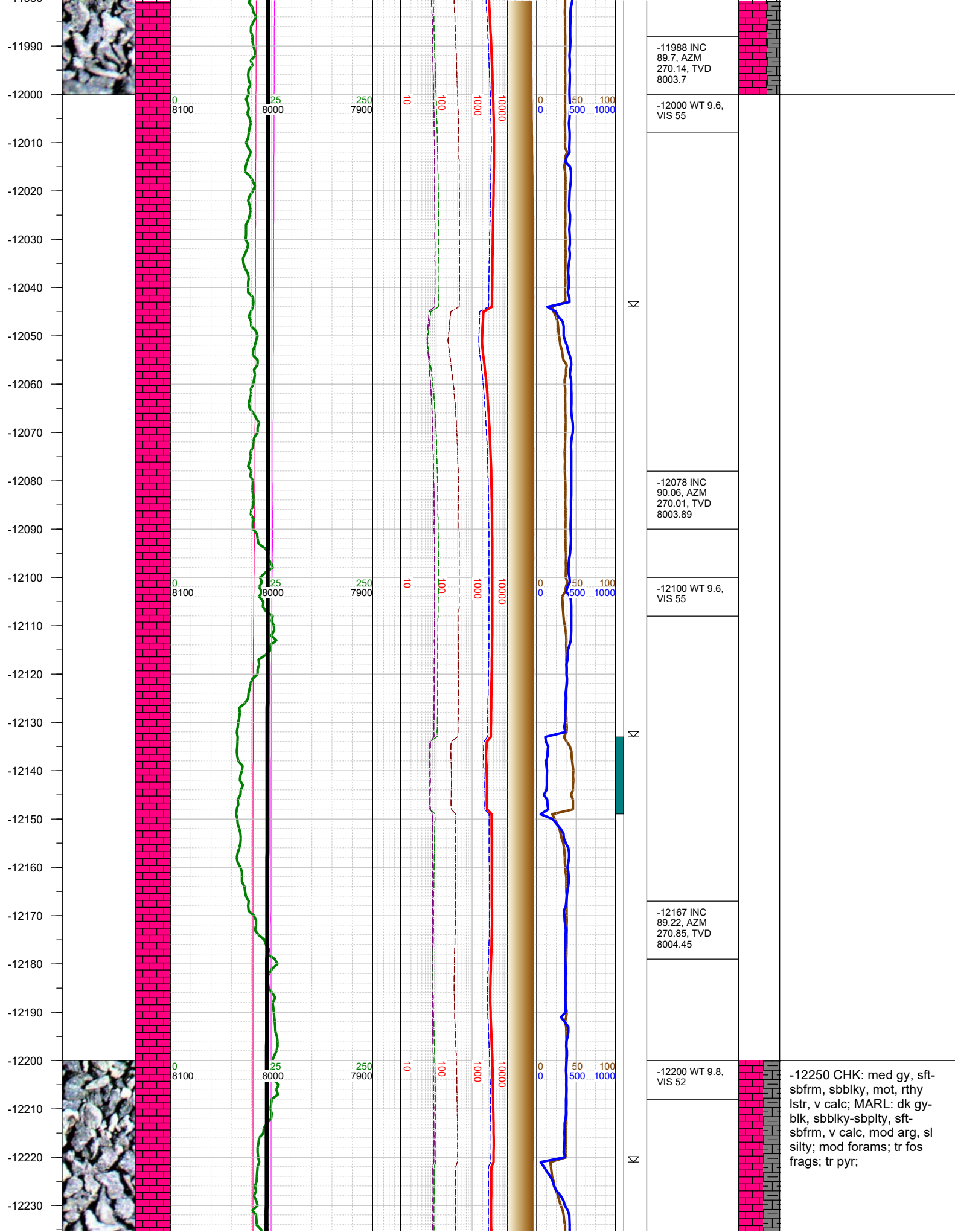
sbfrm, v calc, mod arg, sl
silty; tr fos frags; mod
forams; tr pyr;

-11250 CHK: med gy, sft-
sbfrm, sbblky, mot, rthy
lstr, v calc; MARL: dk gy-
blk, sbblky-sbplty, sft-
sbfrm, v calc, mod arg, sl

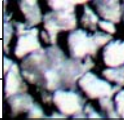








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-12256 INC
89.53, AZM
270.63, TVD
8005.42

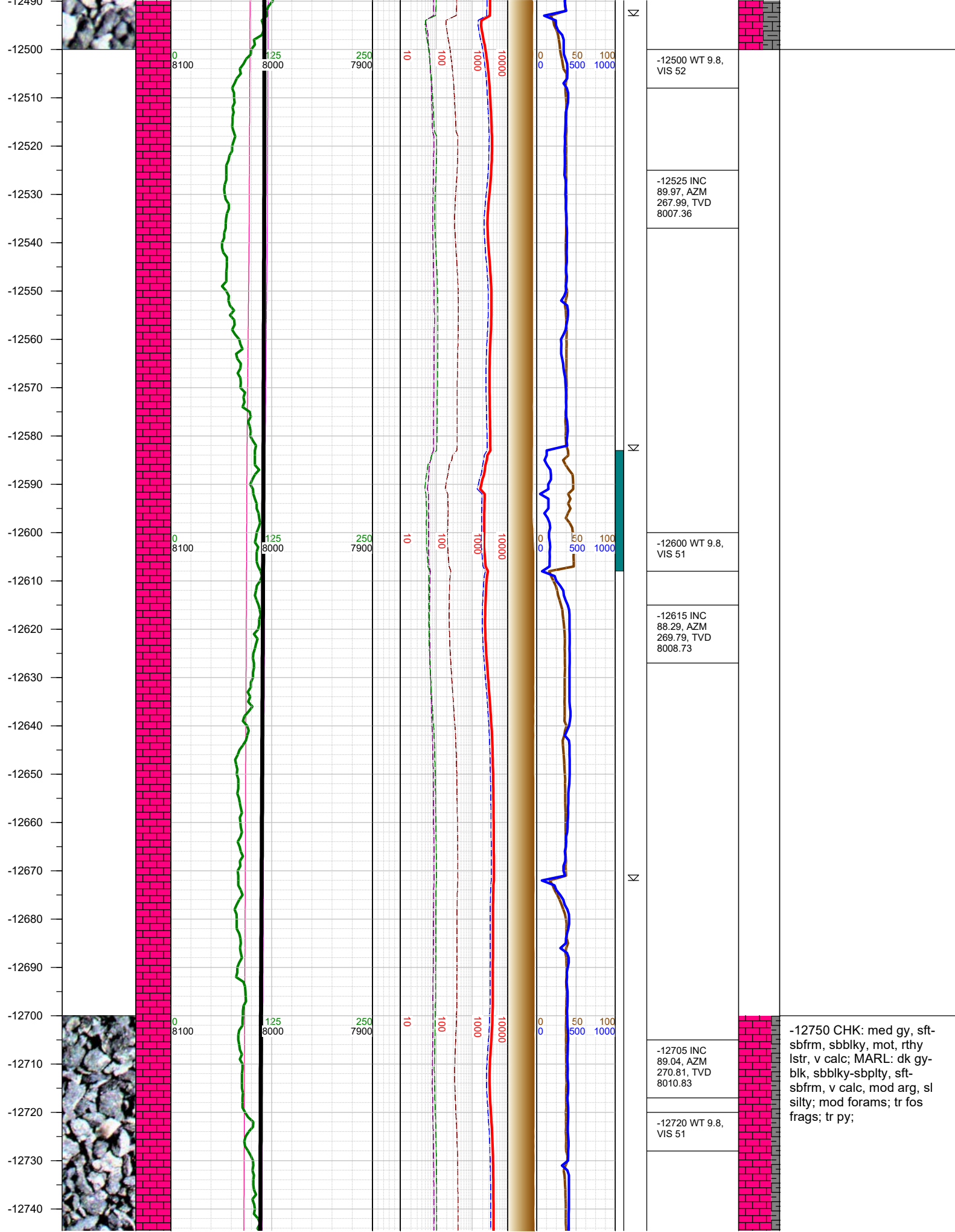
-12300 WT 9.8,
VIS 52

-12346 INC
89.13, AZM
270.01, TVD
8006.47

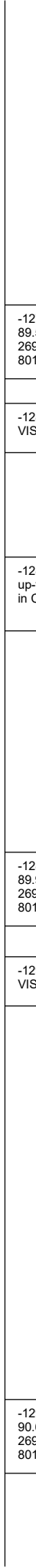
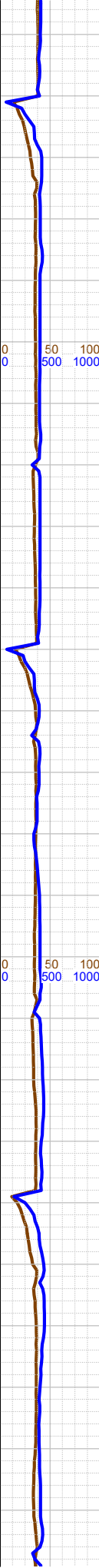
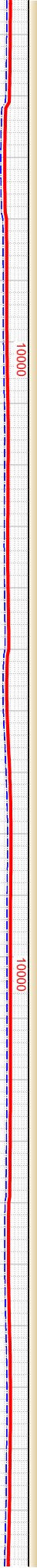
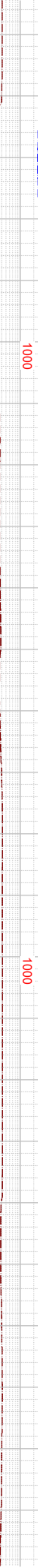
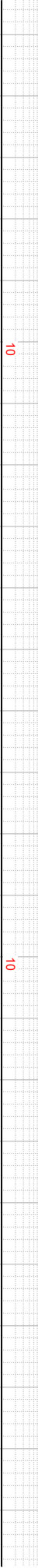
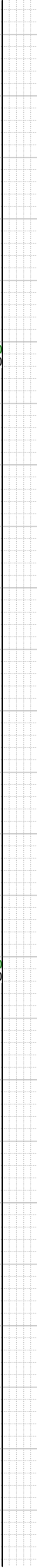
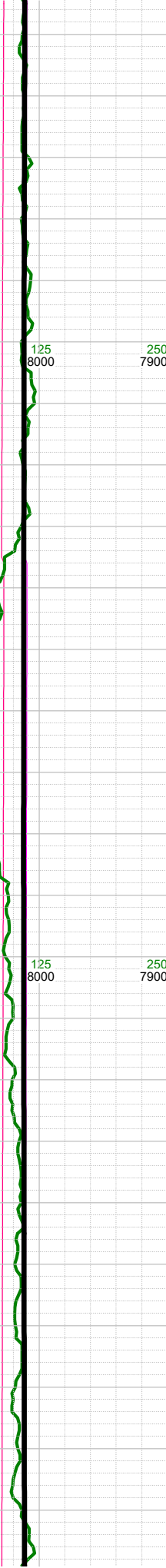
-12400 WT 9.8,
VIS 52

-12436 INC
89.88, AZM
268.82, TVD
8007.25

-12500 CHK: med gy, sft-
sbfm, sbblky, mot, rthy
lstr, v calc; MARL: dk gy-
blk, sbblky-sbplty, sft-
sbfm, v calc, mod arg, sl
silty; mod forams; tr fos
frags; tr pyr;



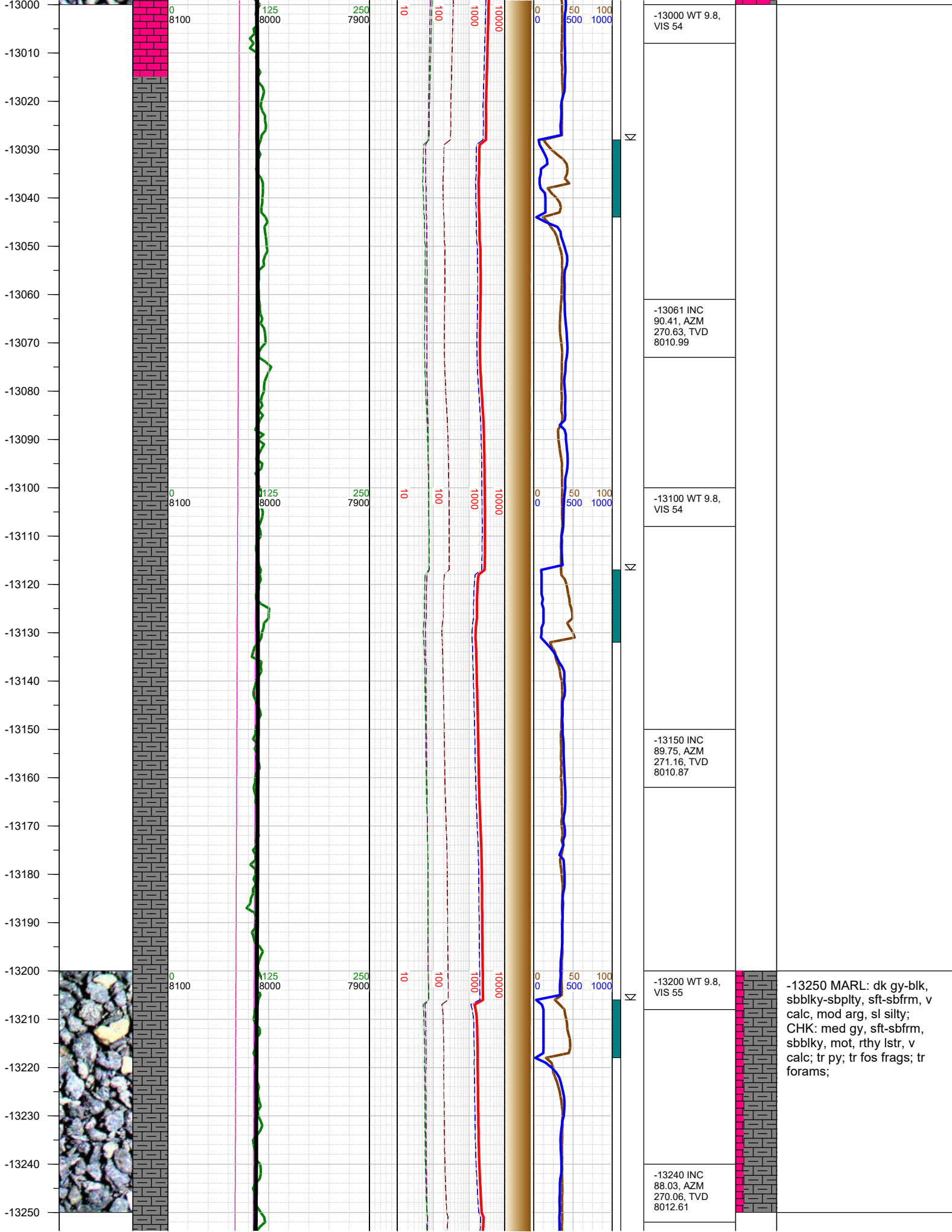
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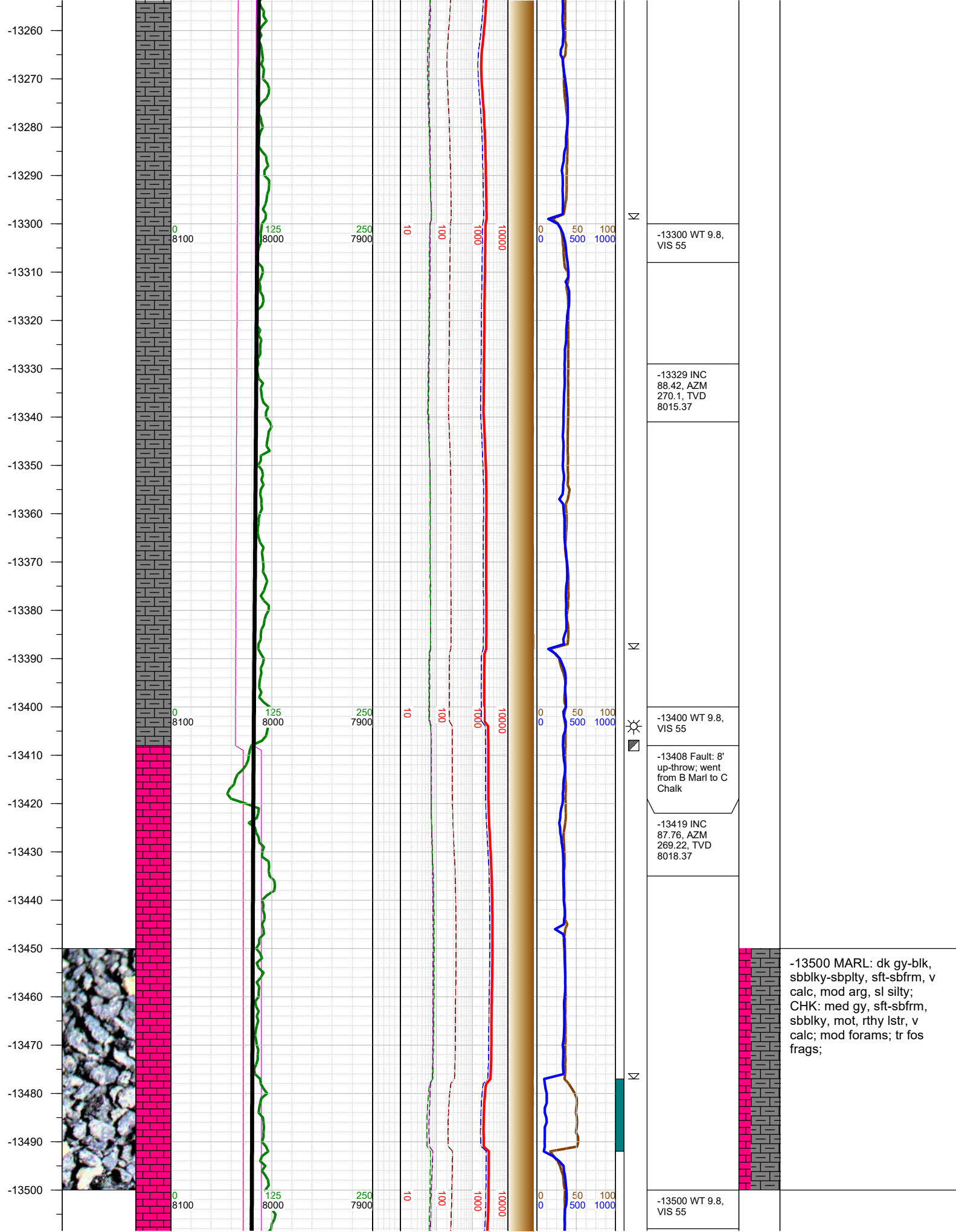
-12794 INC 89.57, AZM 269.92, TVD 8011.91
-12810 WT 9.8, VIS 51
-12835 Fault: 2' up-throw; stayed in C Chalk
-12883 INC 89.97, AZM 269.48, TVD 8012.26
-12900 WT 9.8, VIS 51
-12972 INC 90.63, AZM 269.31, TVD 8011.8

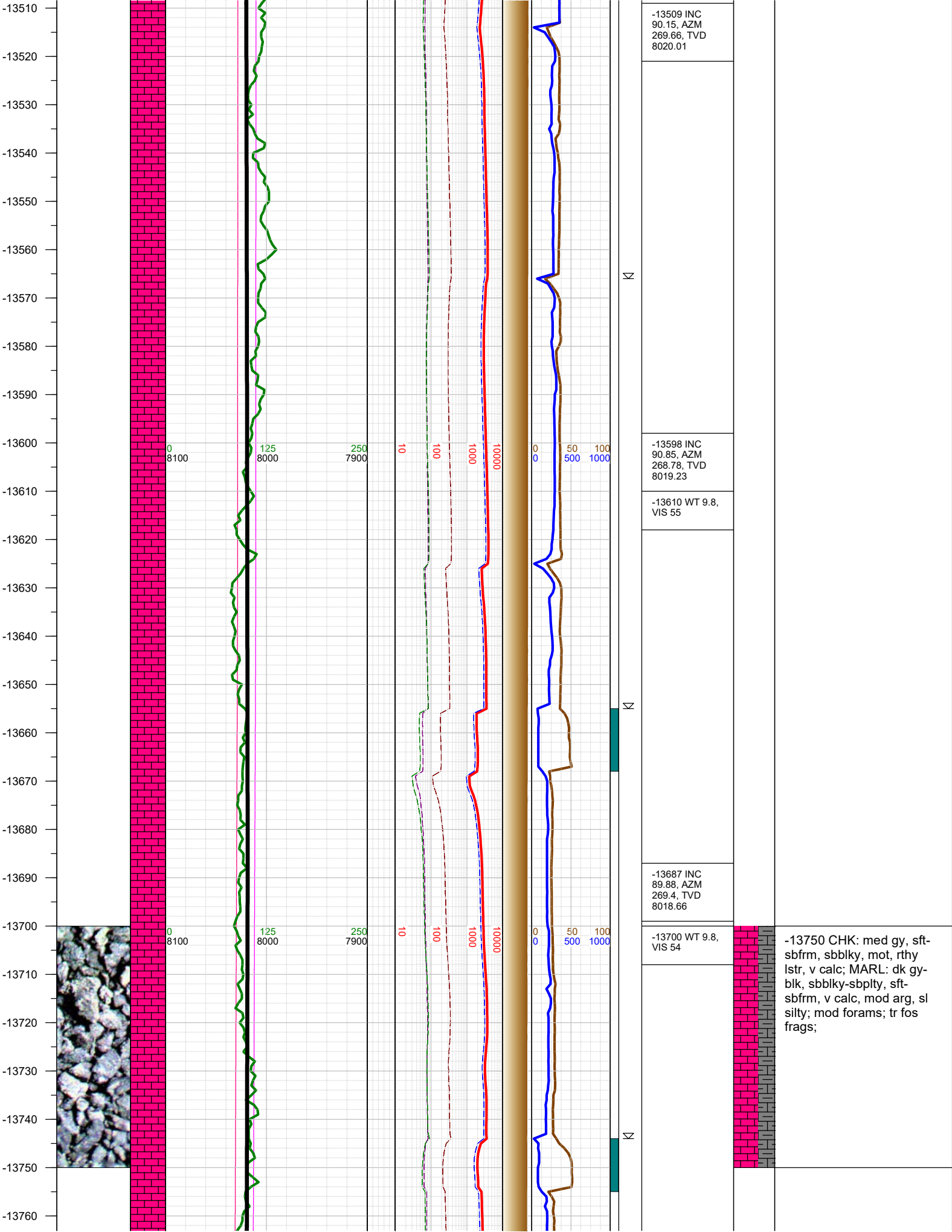


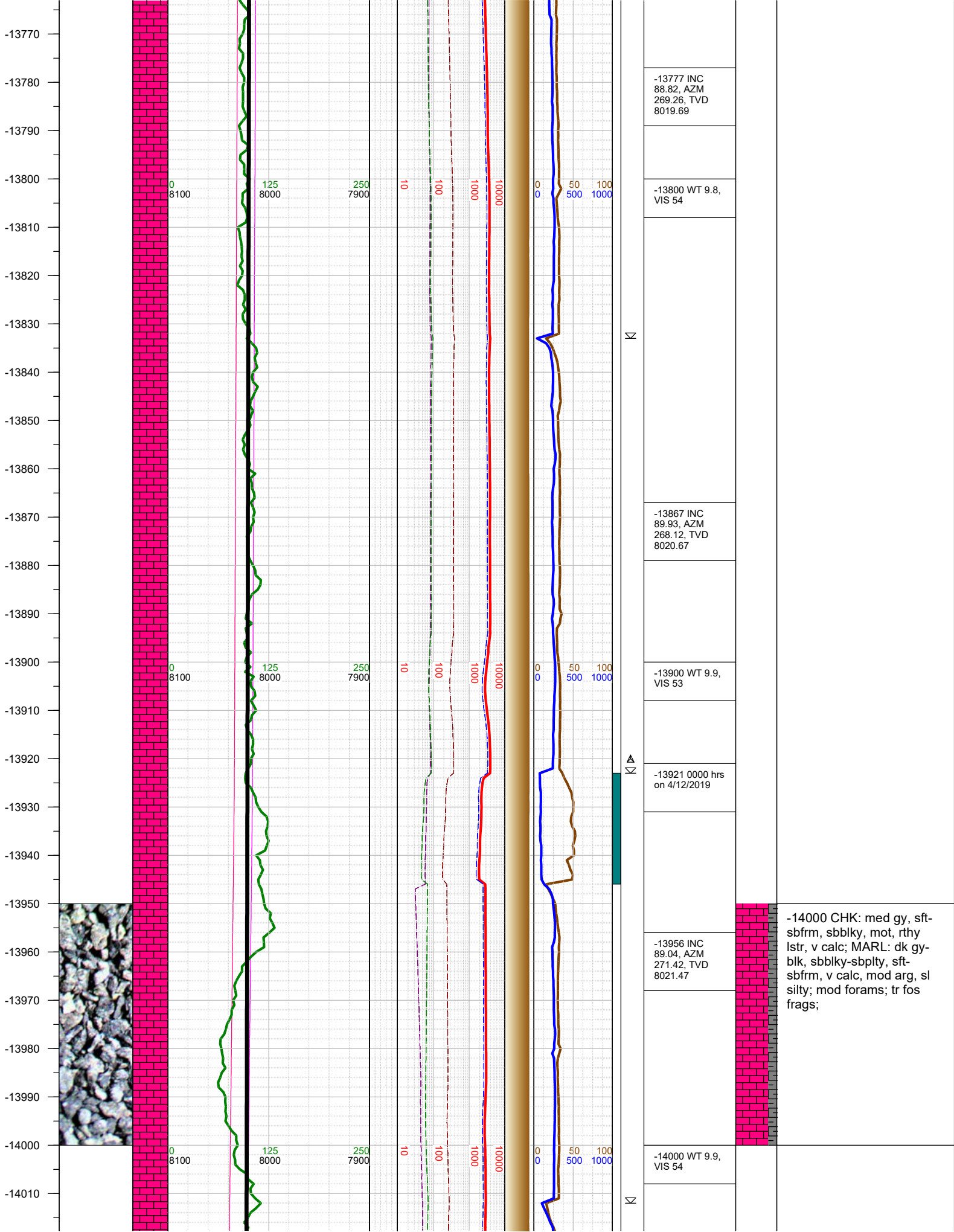
-13000 CHK: med gy, sft- sbfrm, sbblky, mot, rthy lstr, v calc; MARL: dk gy- blk, sbblky-sbplty, sft- sbfrm, v calc, mod arg, sl silty; mod forams; tr fos frags; tr py;
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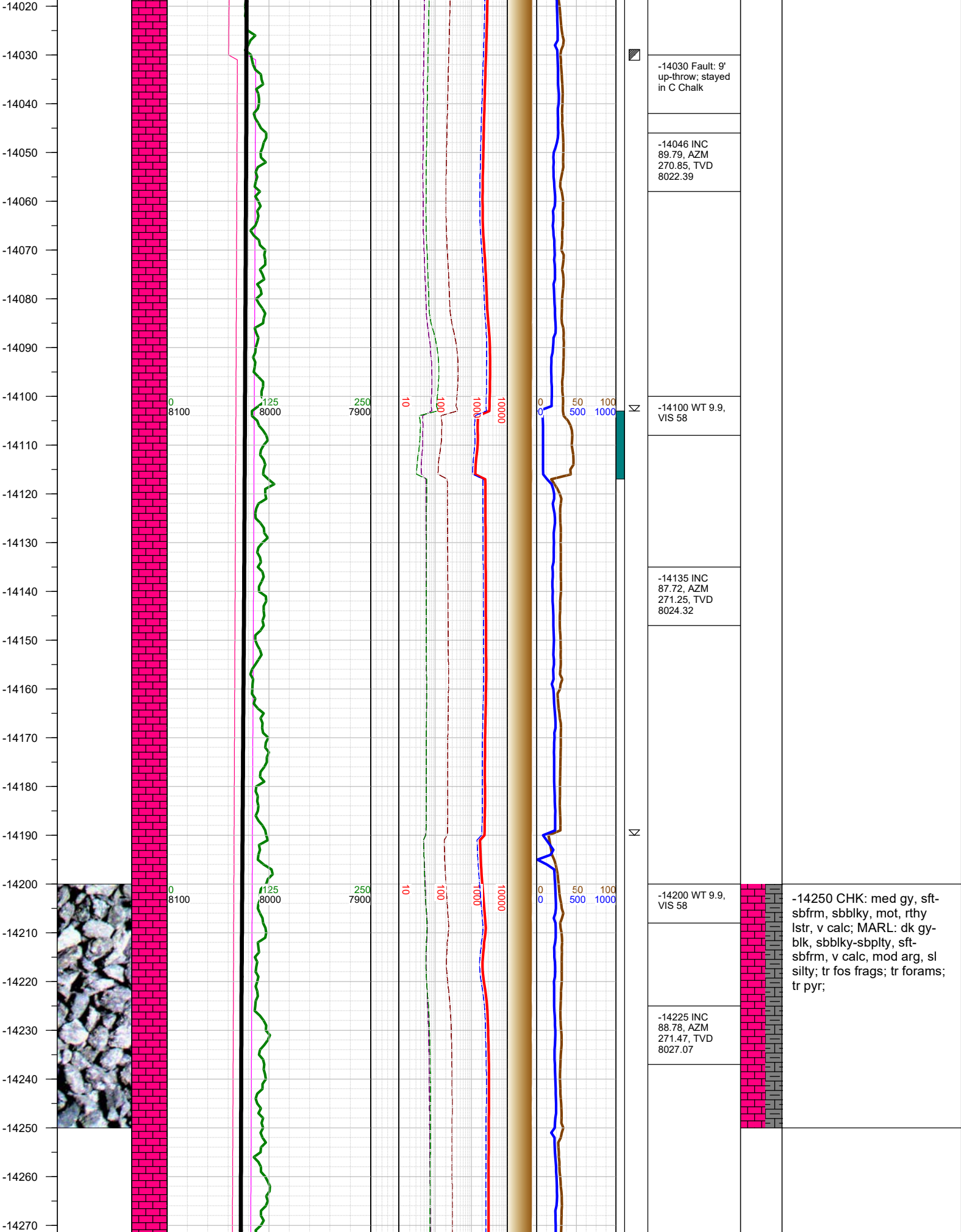


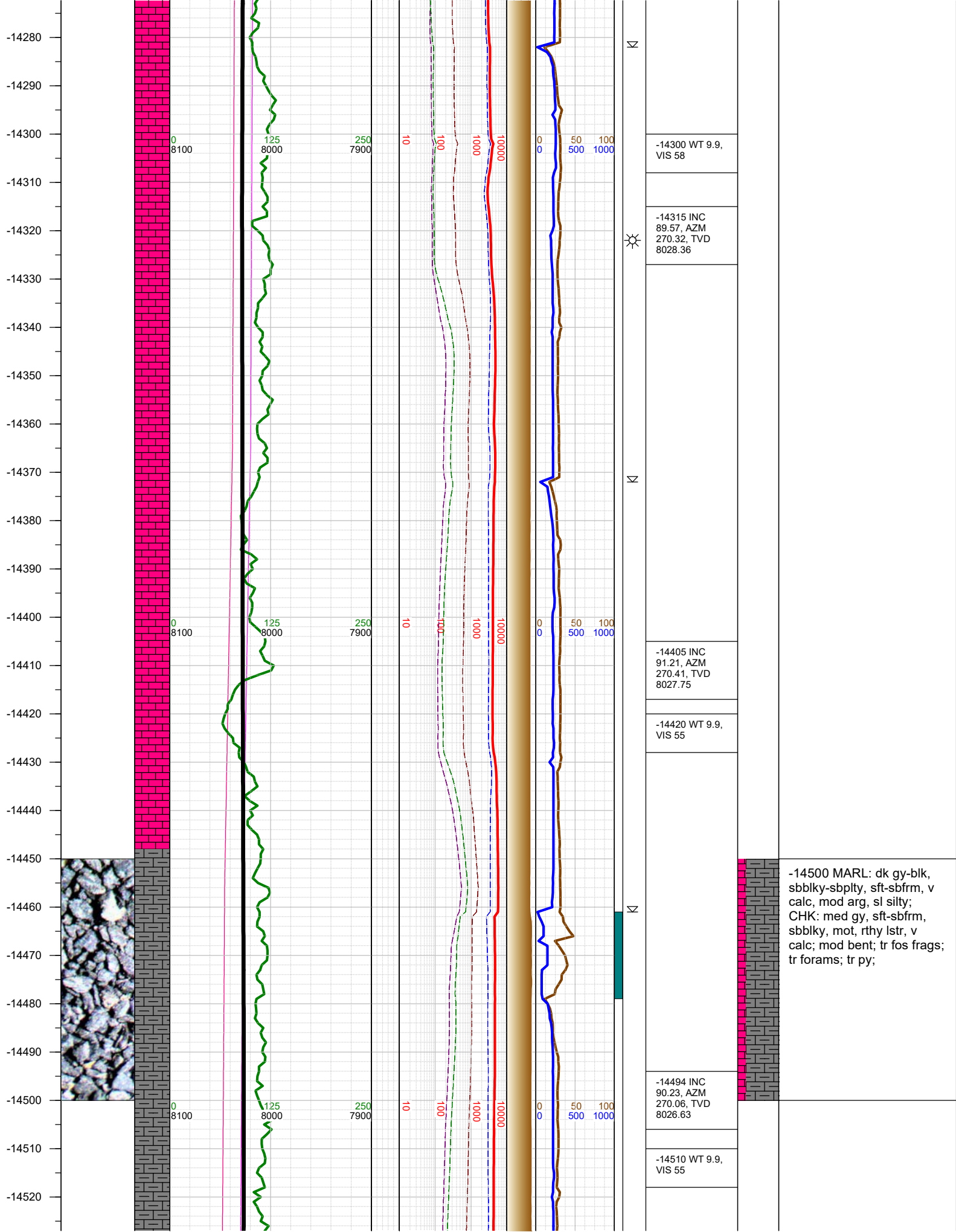
-13250 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: med gy, sft-sbfrm, sbblky, mot, rthy lstr, v calc; tr py; tr fos frags; tr forams;

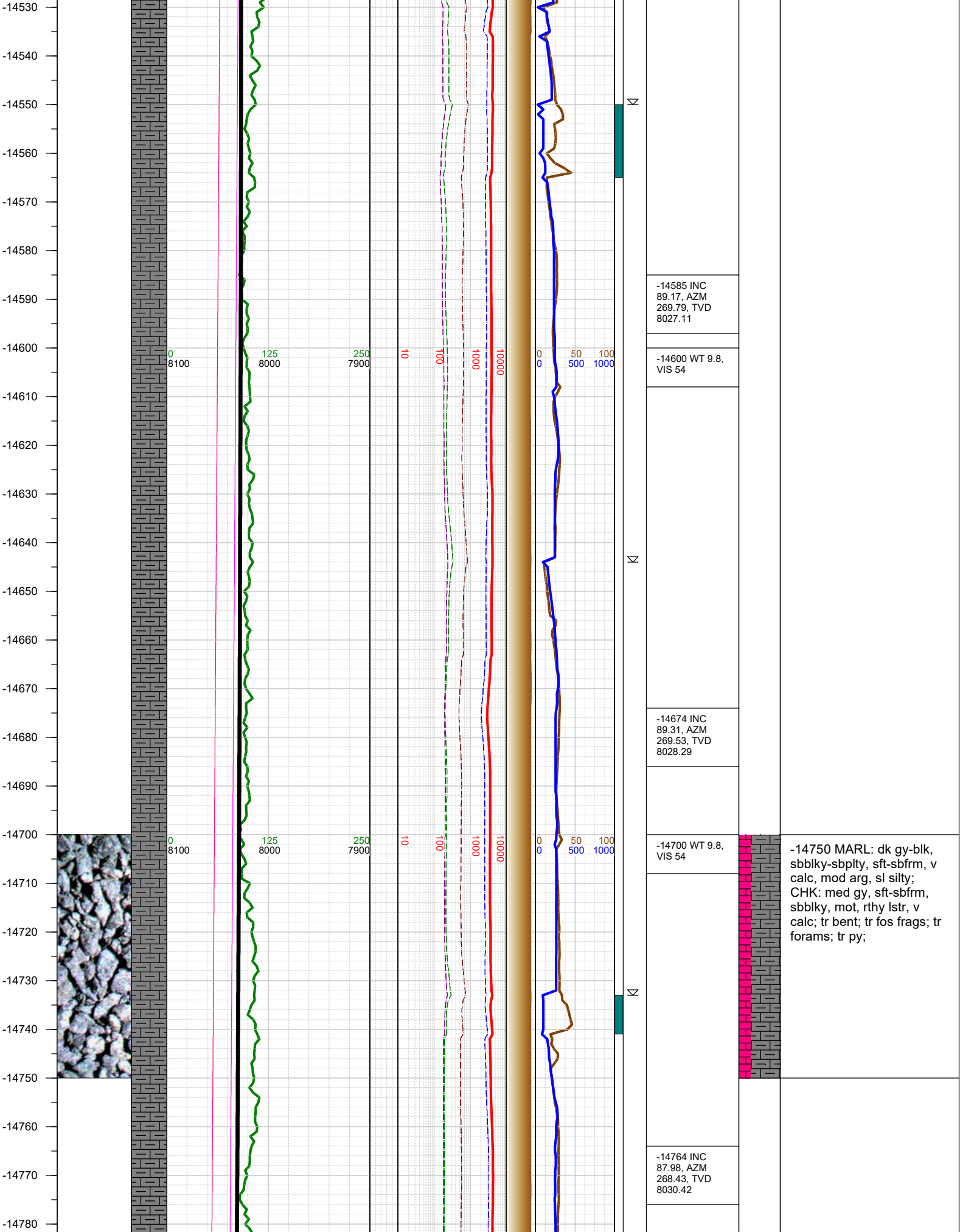


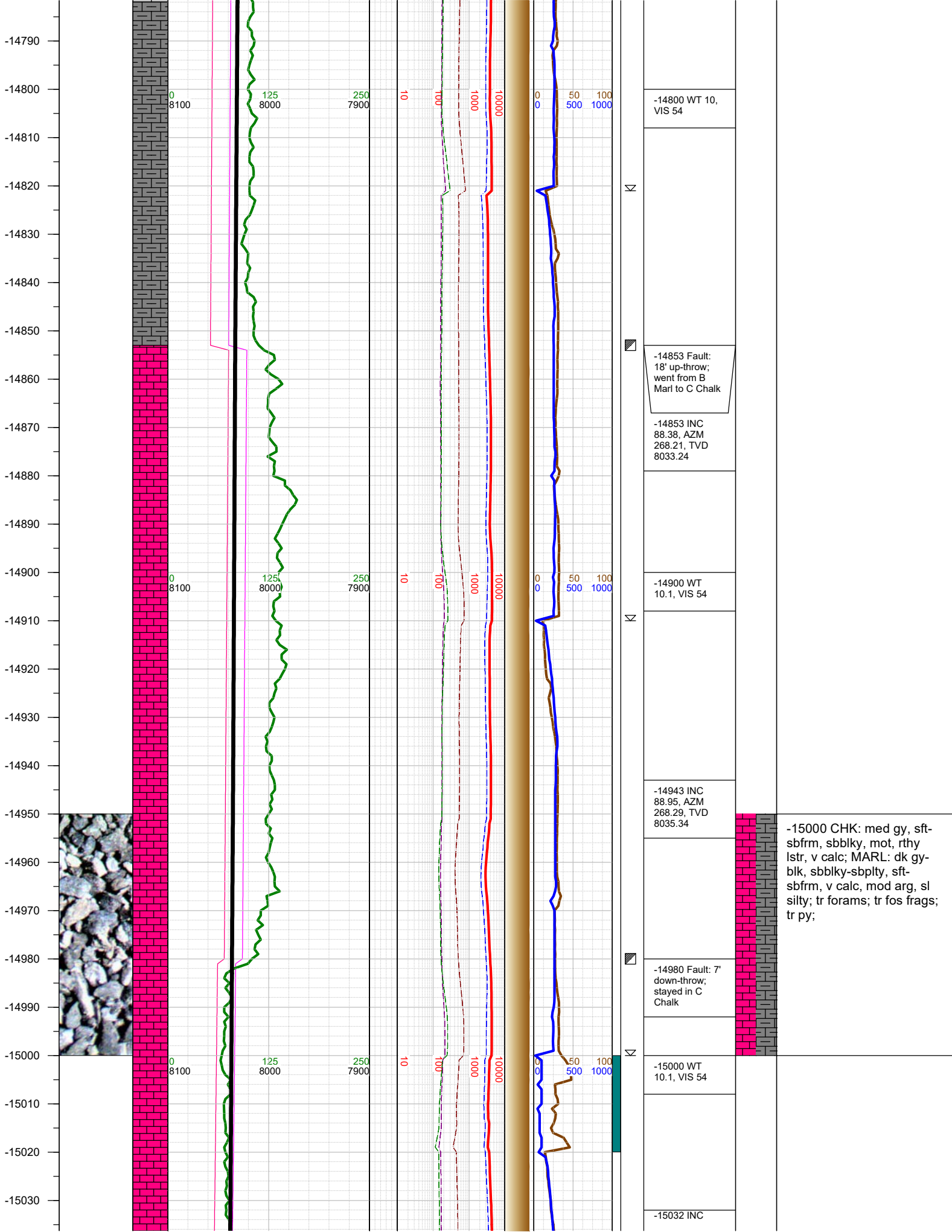


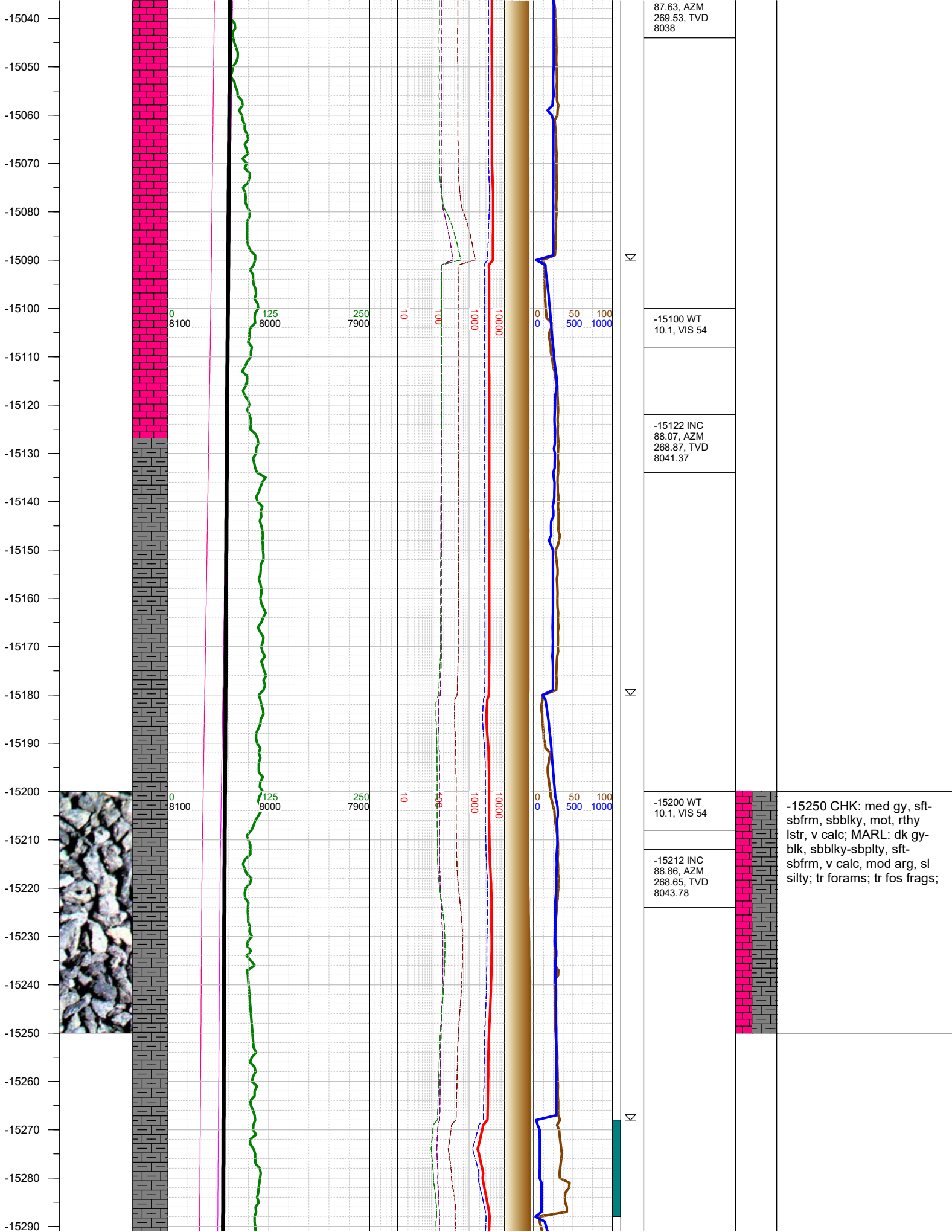


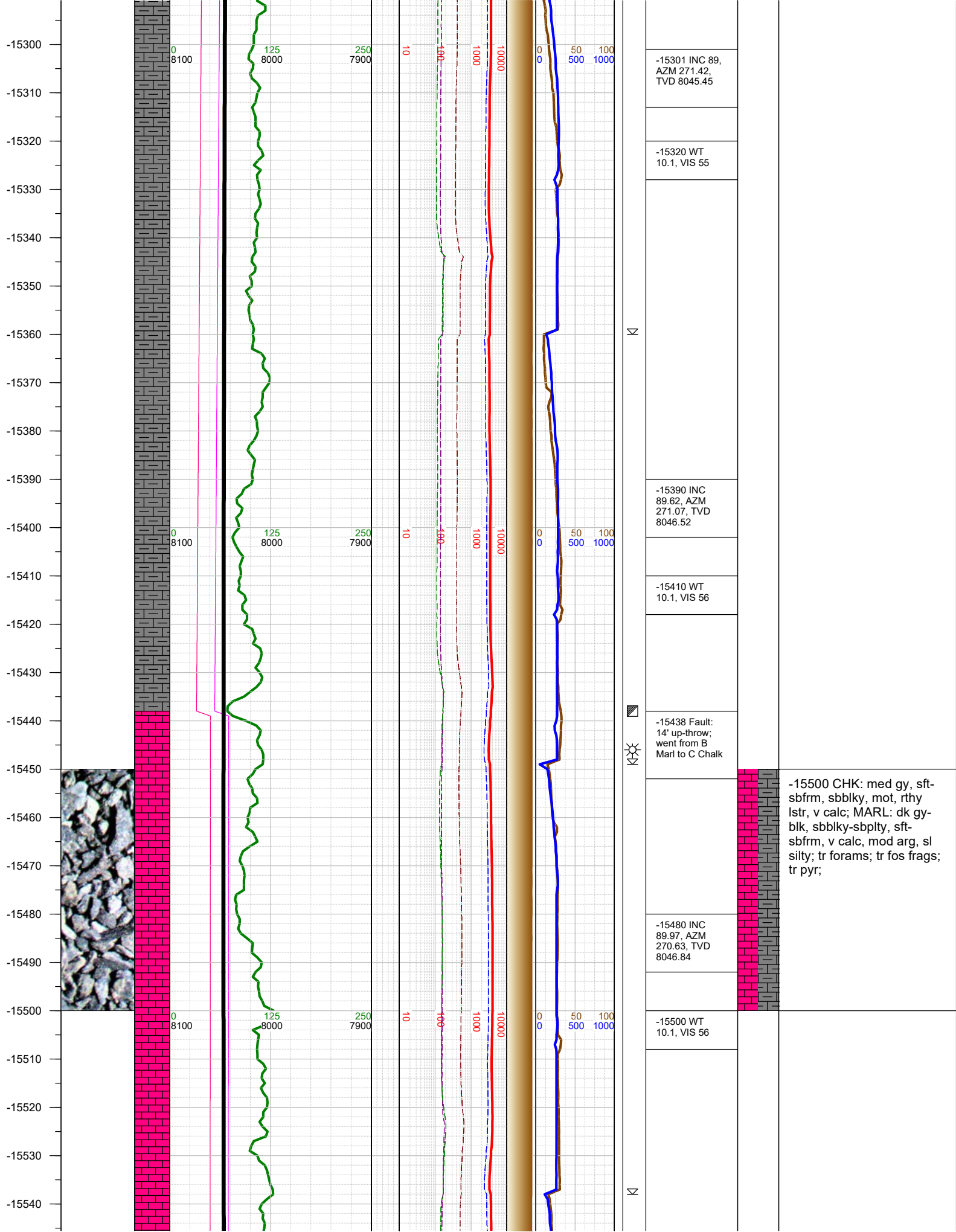




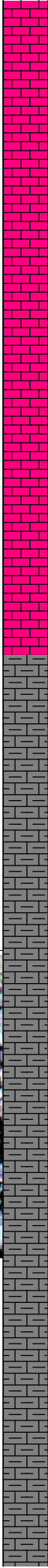
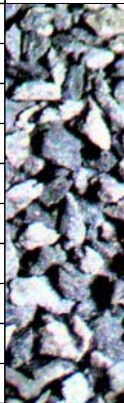








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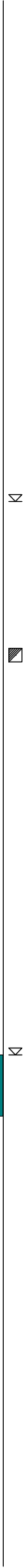
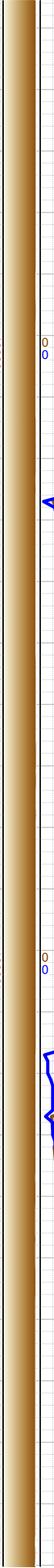
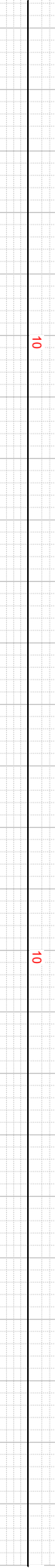
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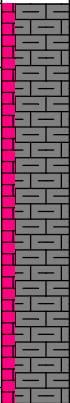
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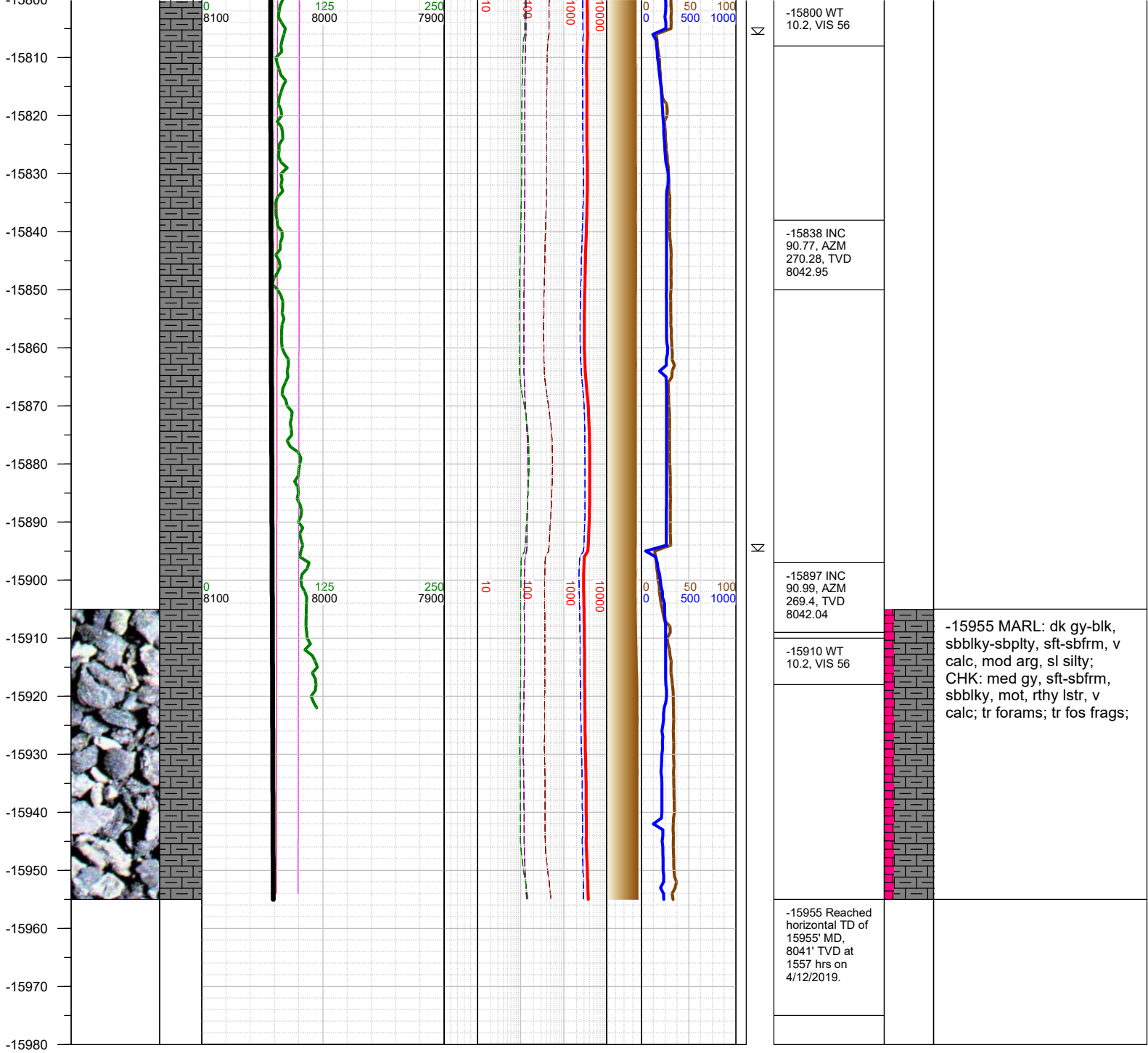
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-15569 INC 90.59, AZM 270.1, TVD 8046.41	
-15600 WT 10.1, VIS 56	
-15652 Fault: 24' up-throw; went from C Chalk to C Marl	
-15659 INC 91.3, AZM 270.23, TVD 8044.92	
-15700 WT 10.2, VIS 56	
-15748 INC 90.23, AZM 270.72, TVD 8043.73	



-15750 MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbkly, mot, rthy lstr, v
calc; tr forams; tr fos frags;



TOTAL DEPTH = 15955'

Thank you for using Earth Science Agency