

OPERATOR: **Extraction Oil & Gas**  
WELL NAME: **Coyote Trails 34S-20-9N**  
FIELD NAME: DJ Basin - Wattenberg  
DRILLING RIG: Patterson 901  
API #: 05-123-45985

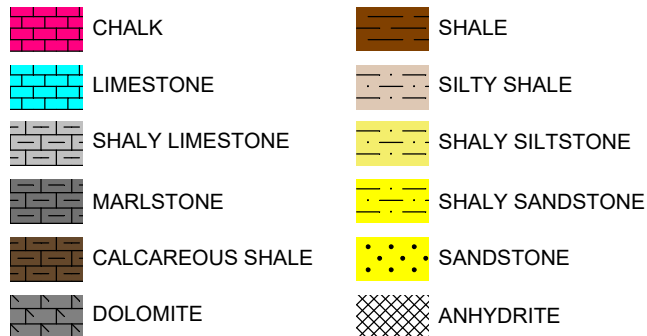
LAT/LONG: 40.017975, -105.006767  
SURFACE HOLE: SWSE S28-T1N-R68W, 1146' FSL, 2157' FEL  
BOTTOM HOLE: S4-T1S-R68W, 150' FSL, 762' FEL



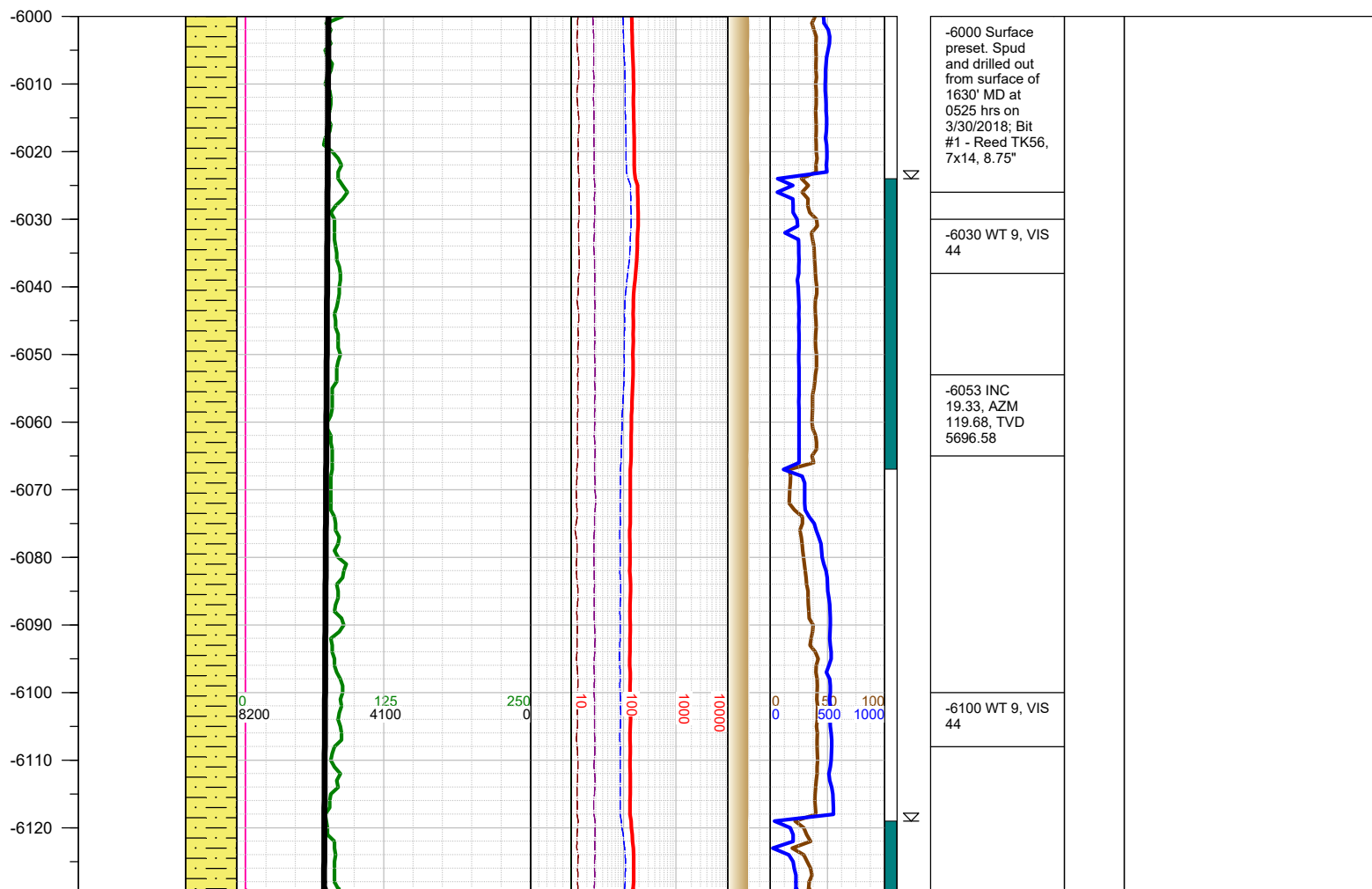
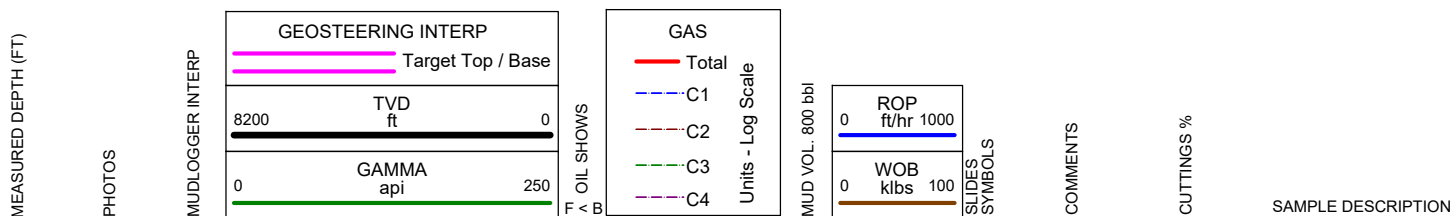
Earth Science Agency, LLC

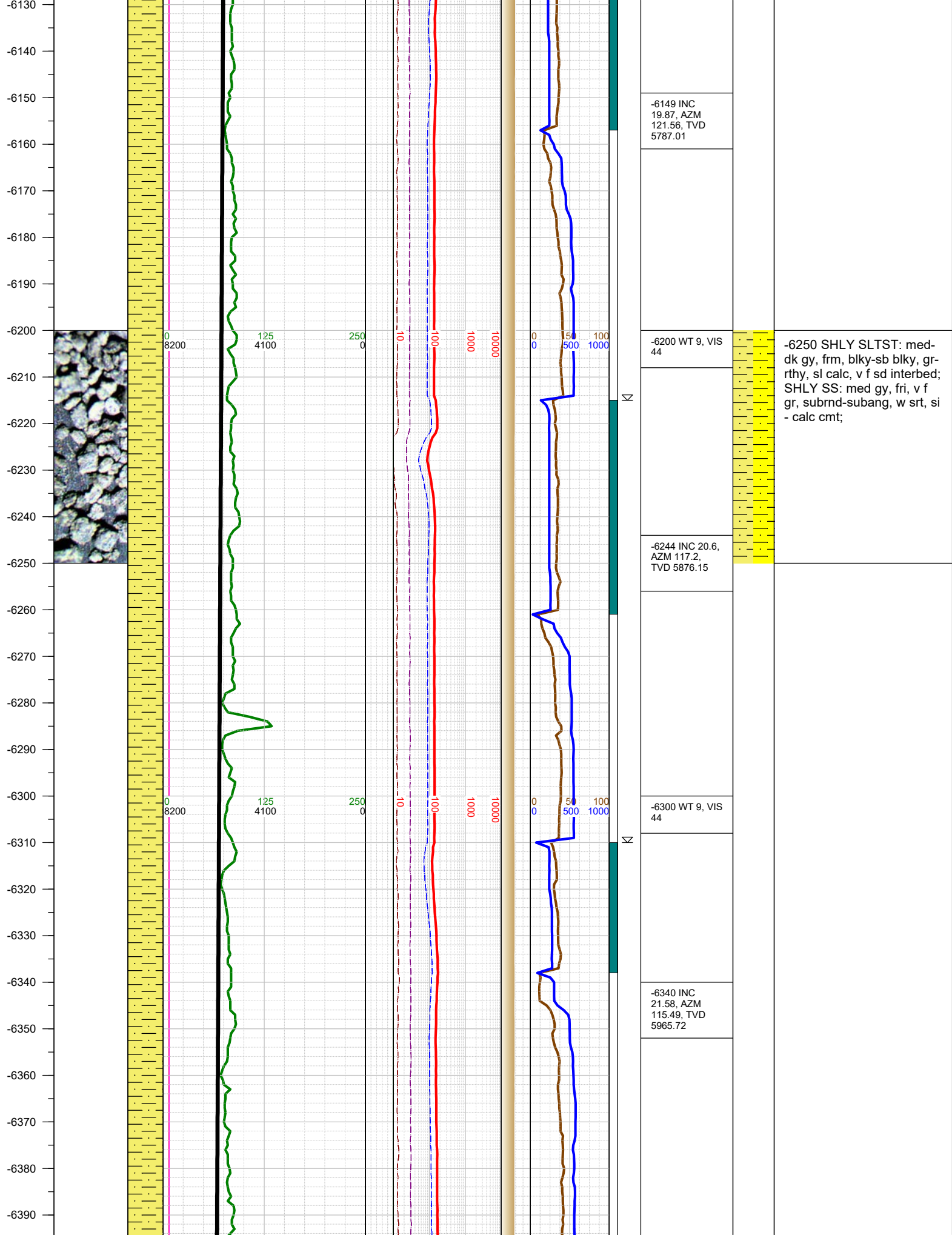
COUNTY: Weld  
STATE: Colorado  
GROUND ELEVATION: 5270'  
KELLY BUSHING: 5299'  
DRILLING FLUID: OBM  
TVD VS. MD: 8025' / 18326'  
SPUD DATE: March 30, 2018  
TD DATE: April 3, 2018  
  
DEPTHS LOGGED: 6000' - 18326'  
DATES LOGGED: March 30, 2018 - April 3, 2018  
GEOLOGISTS: Blake Eatherton, Dan Jacobs  
SCALE: 5" = 100'

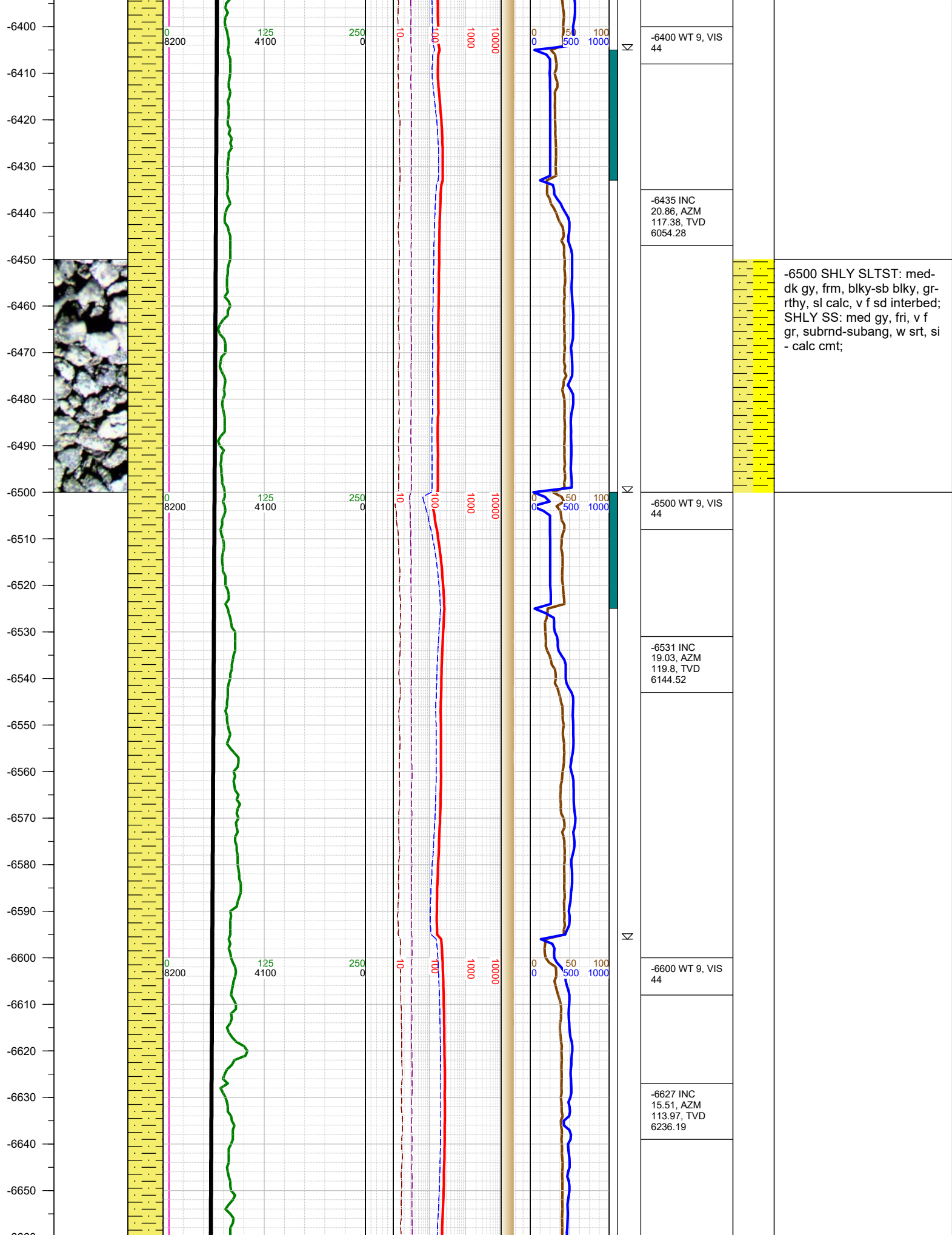
#### LEGEND

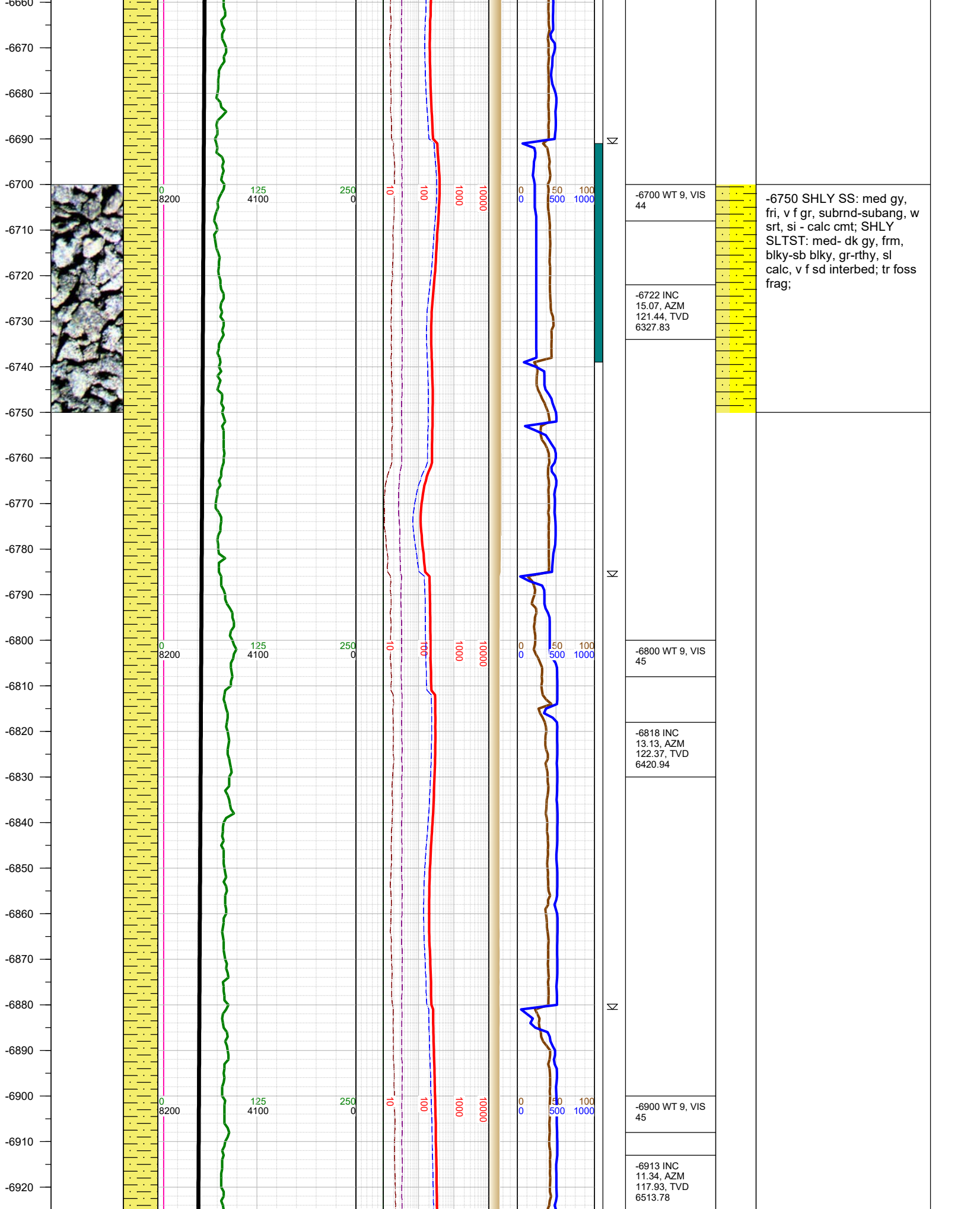


FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

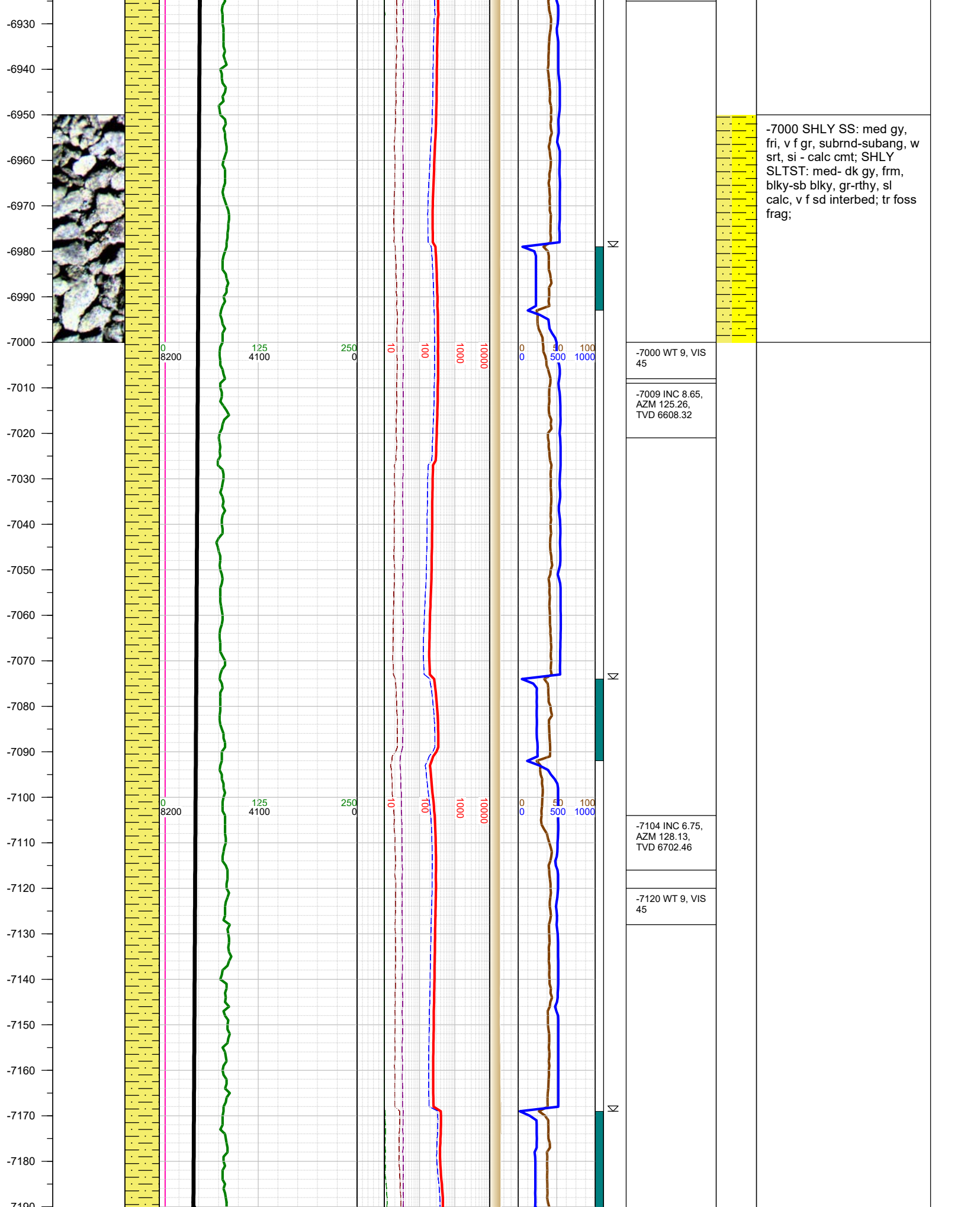


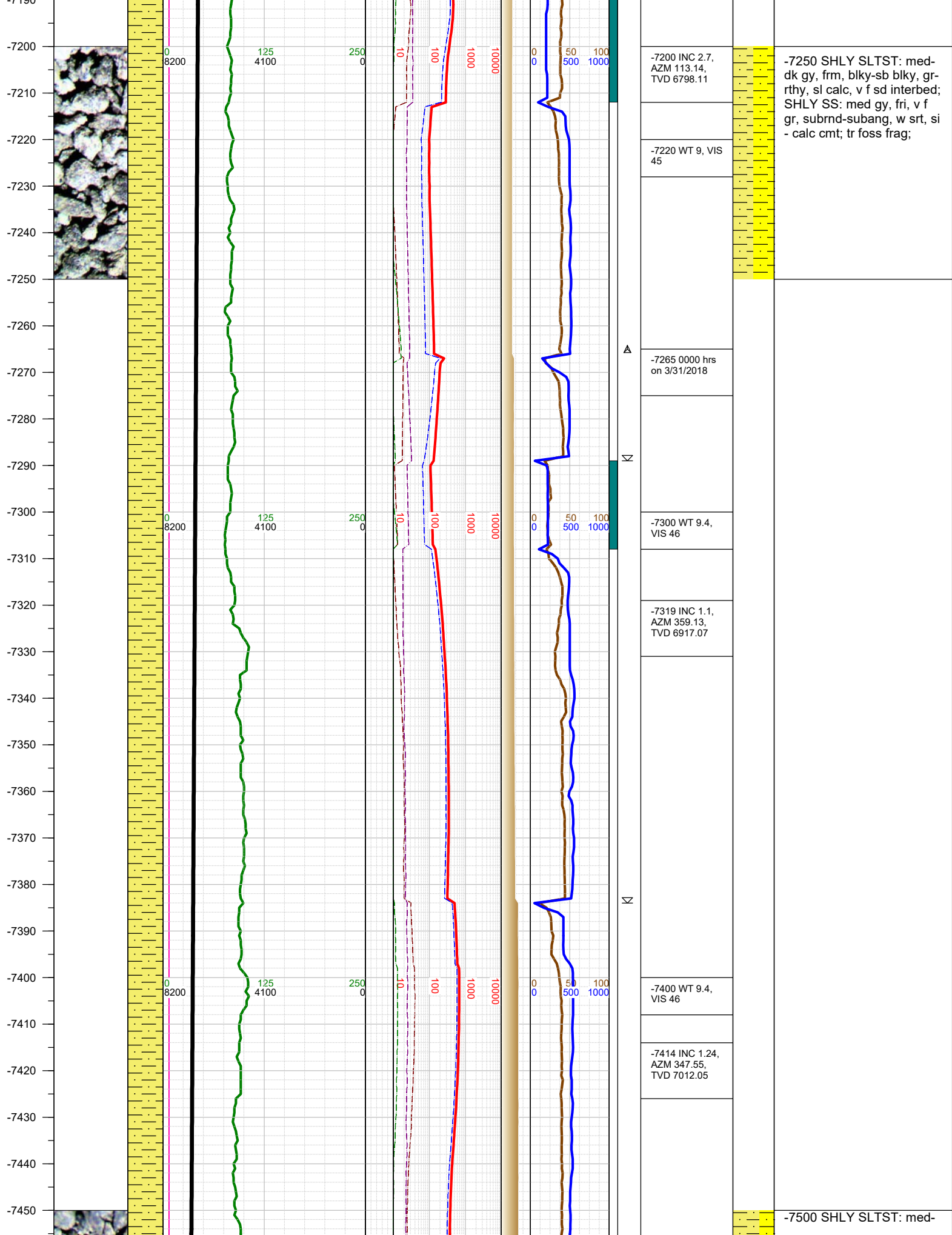


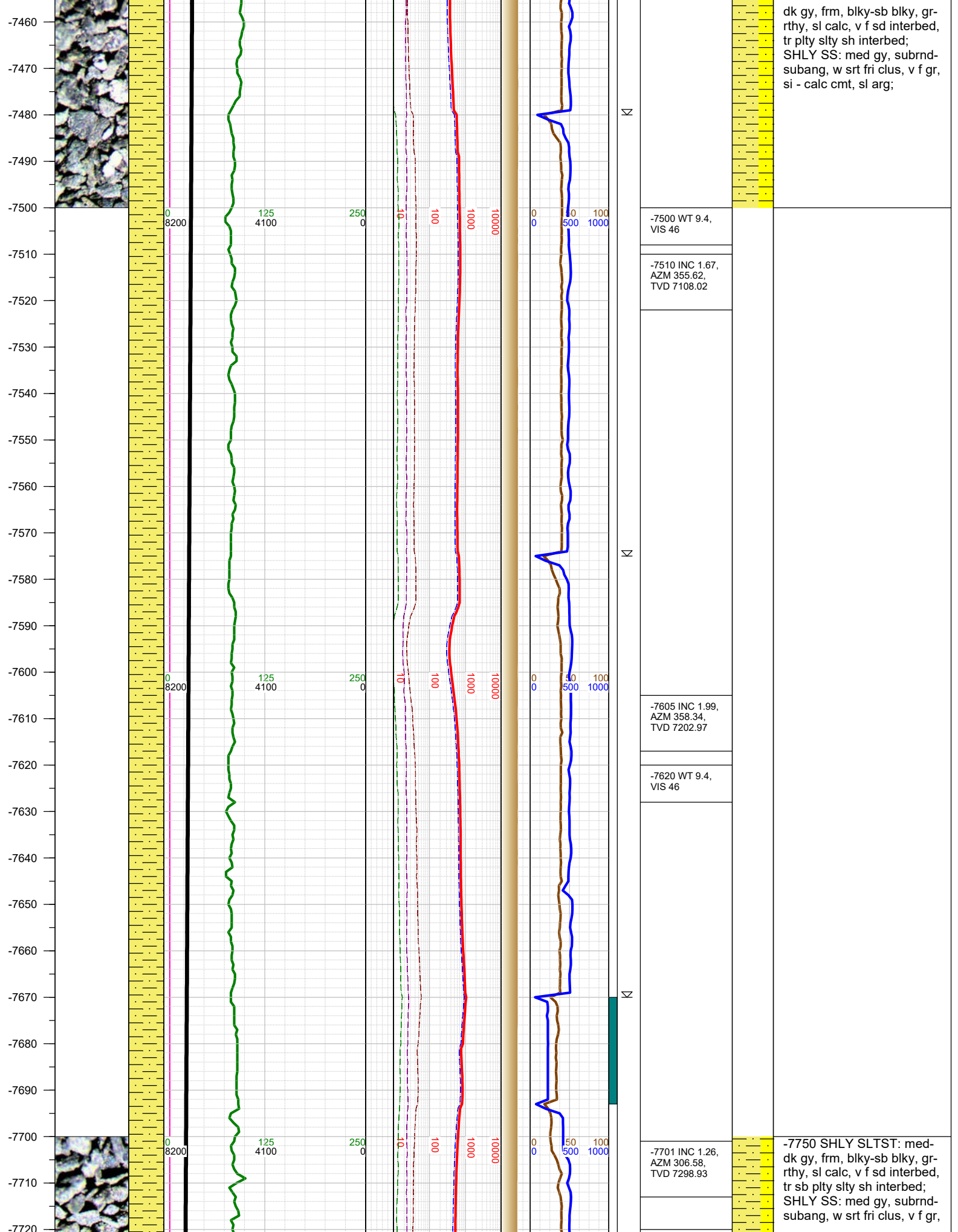




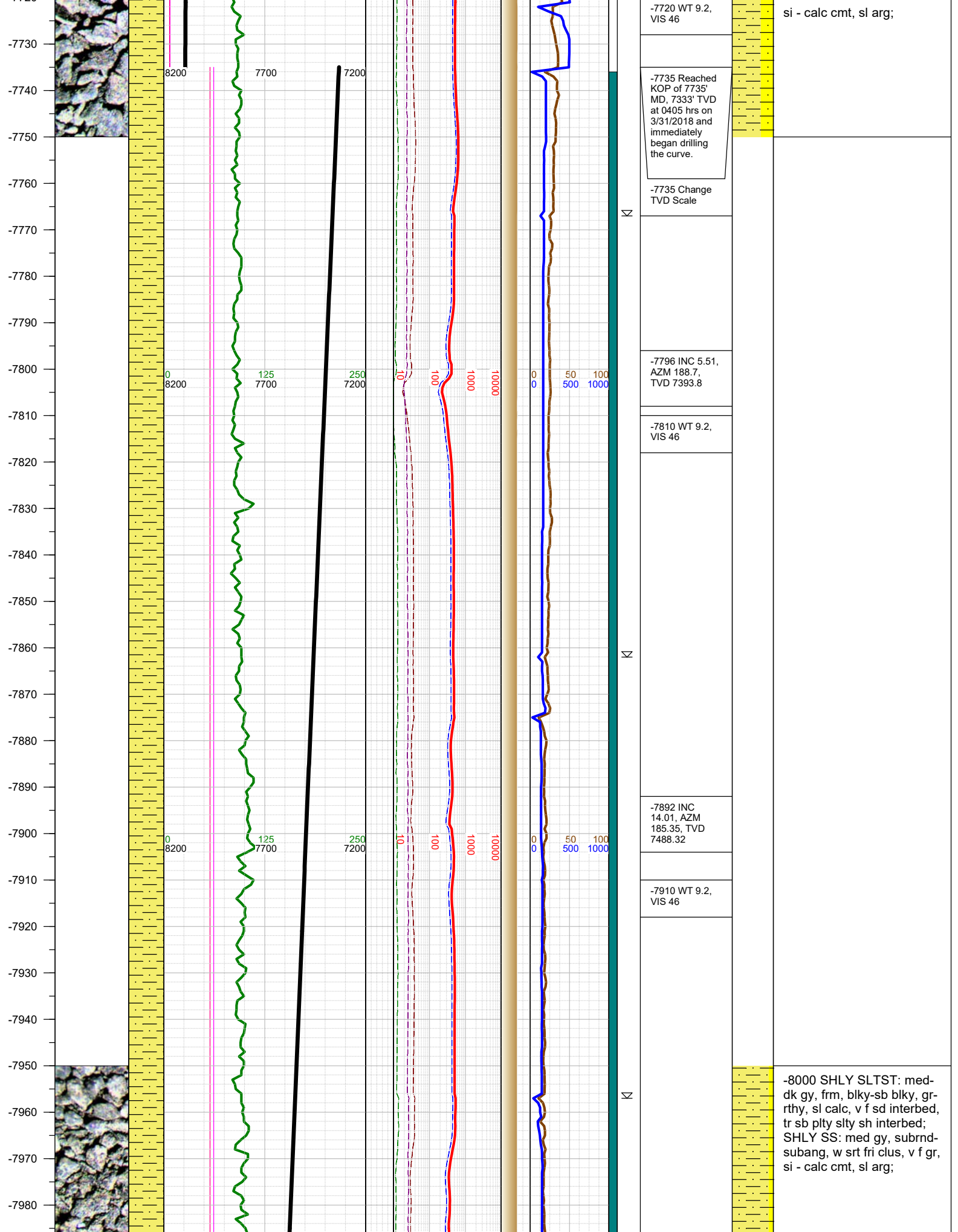




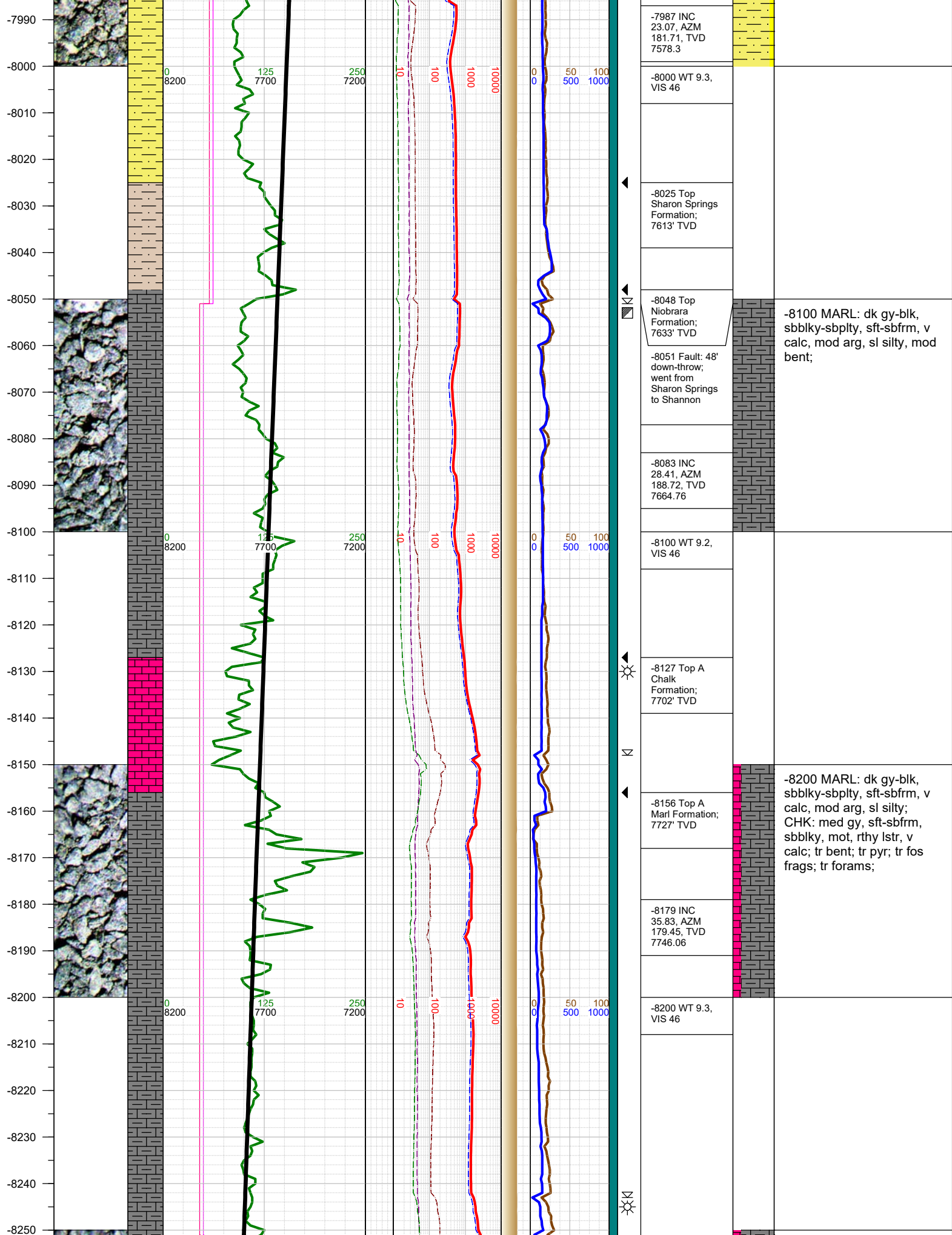




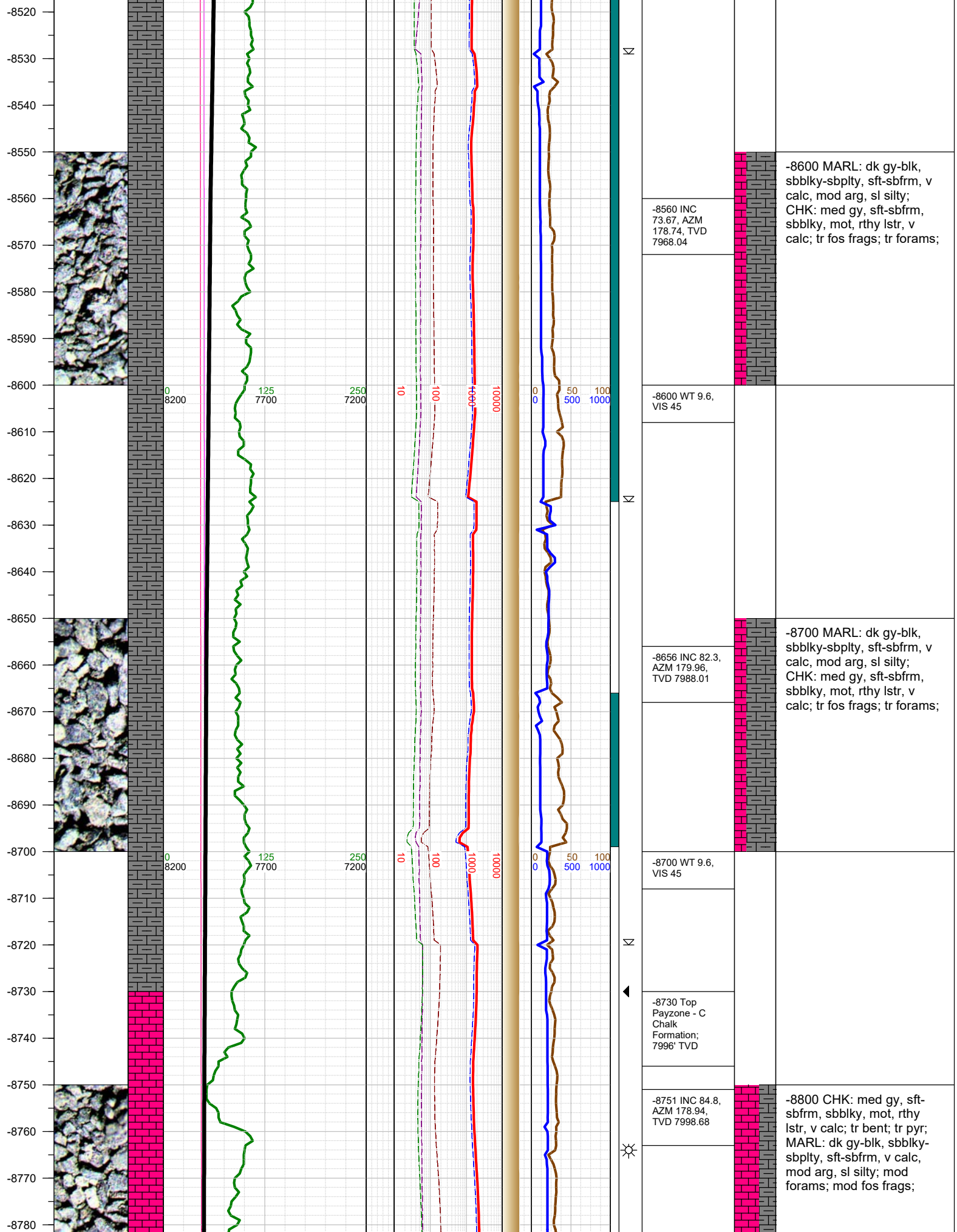




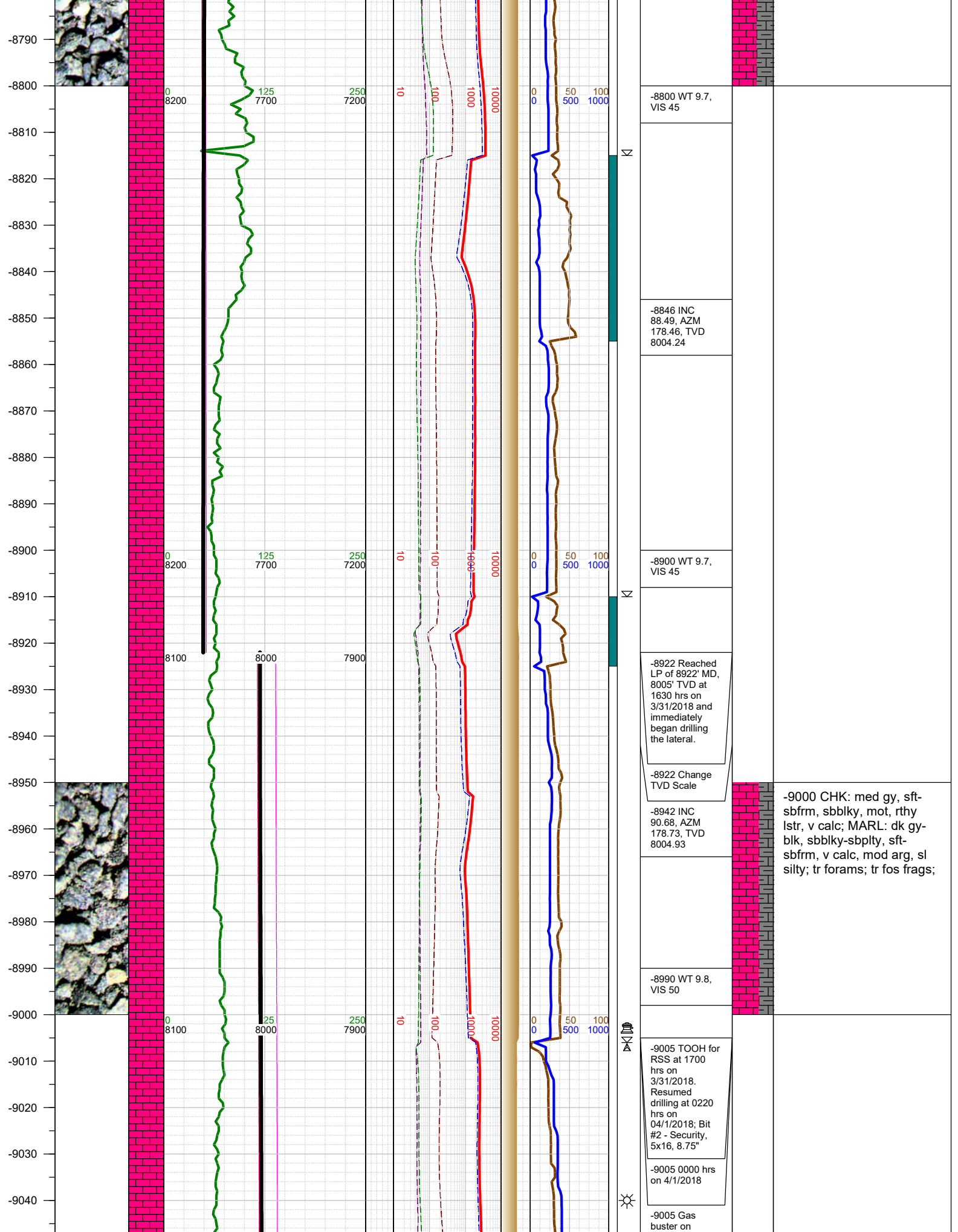




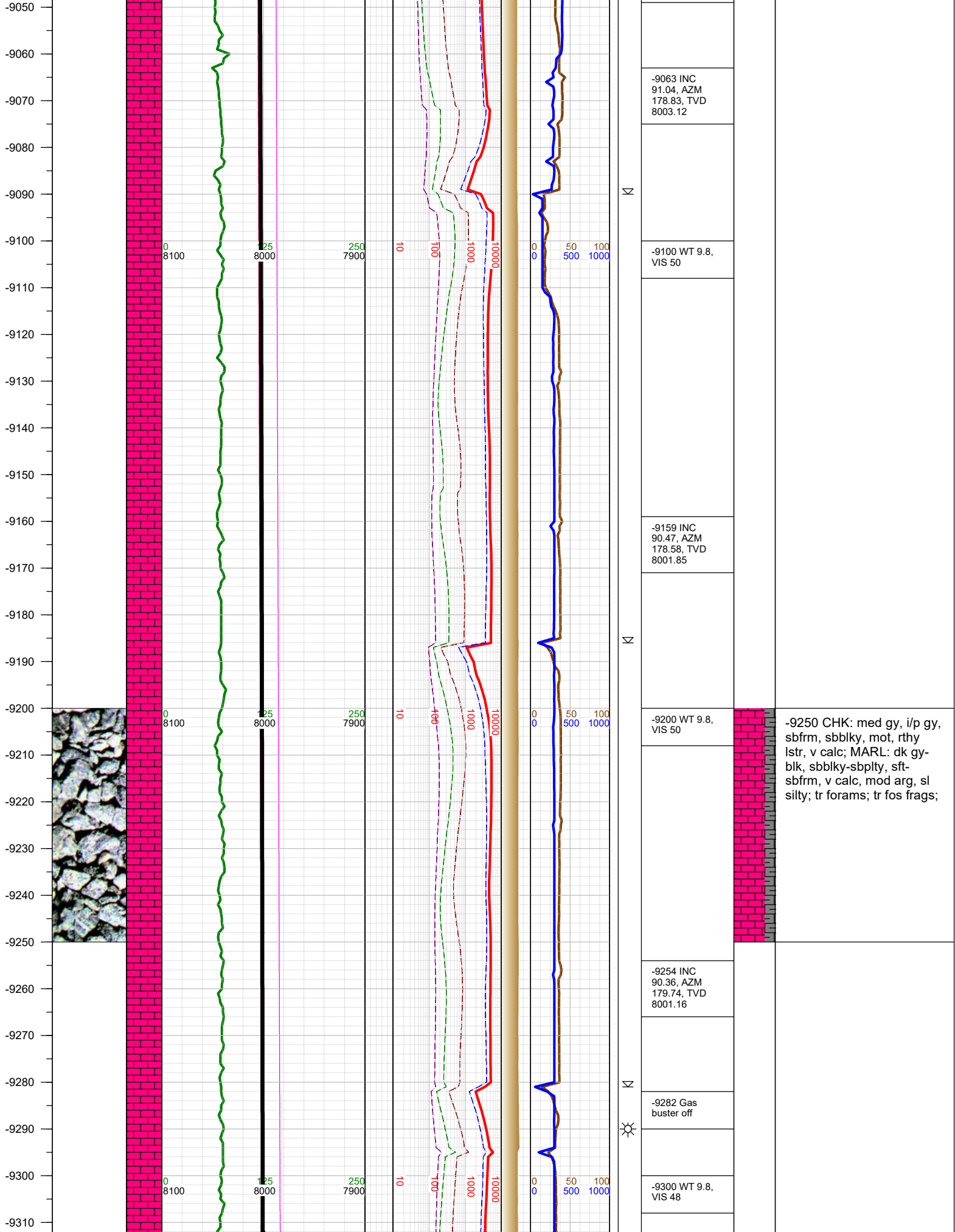


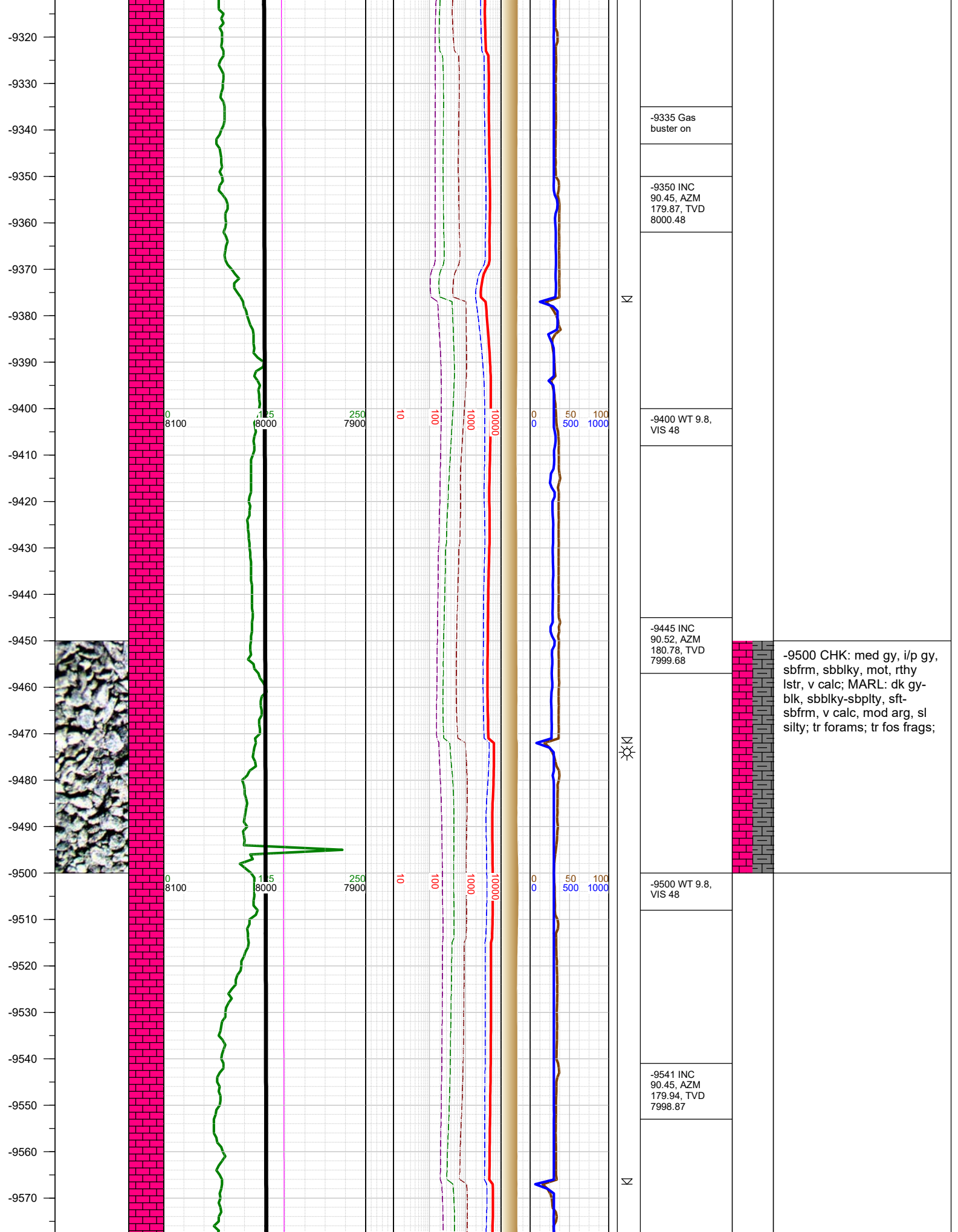


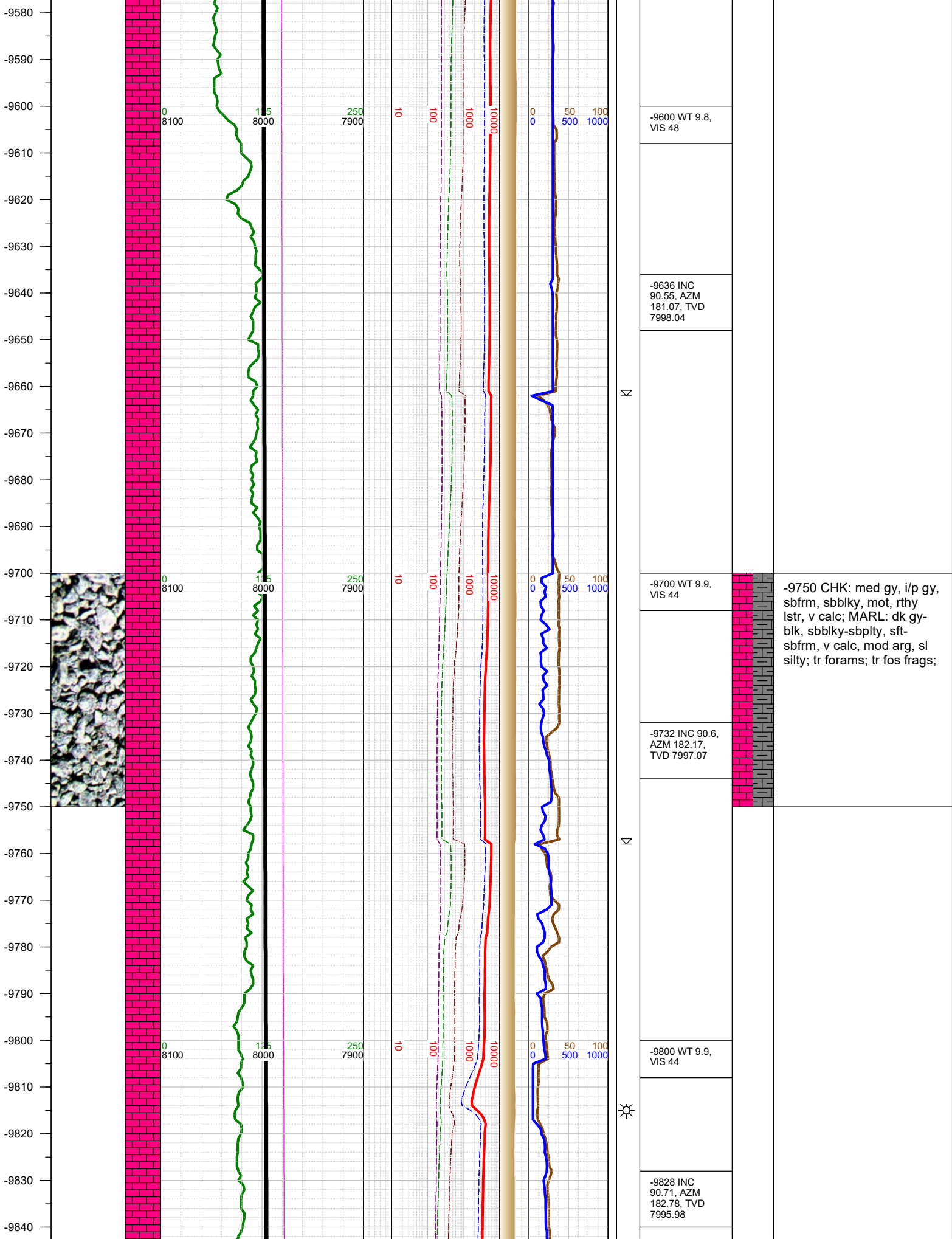




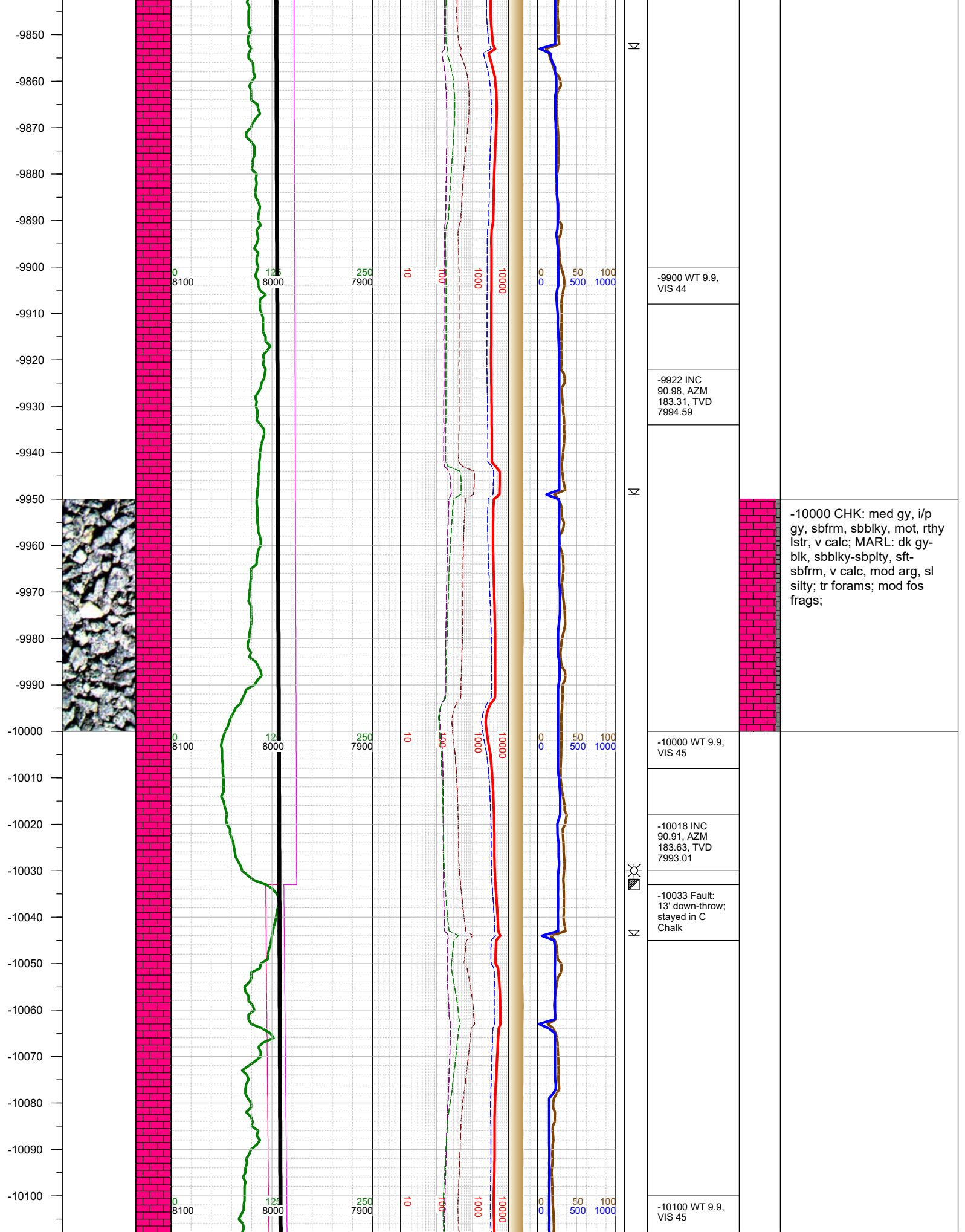




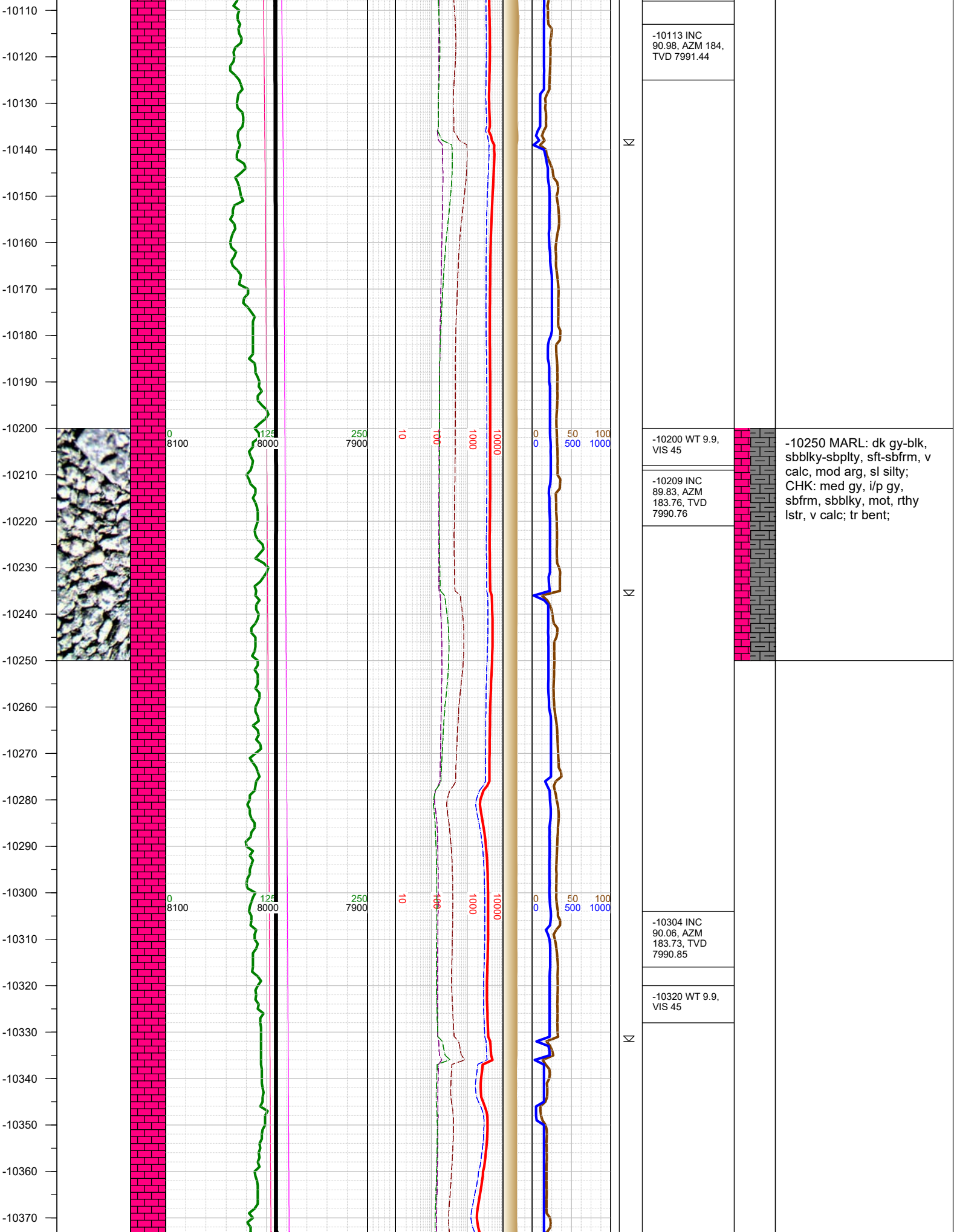


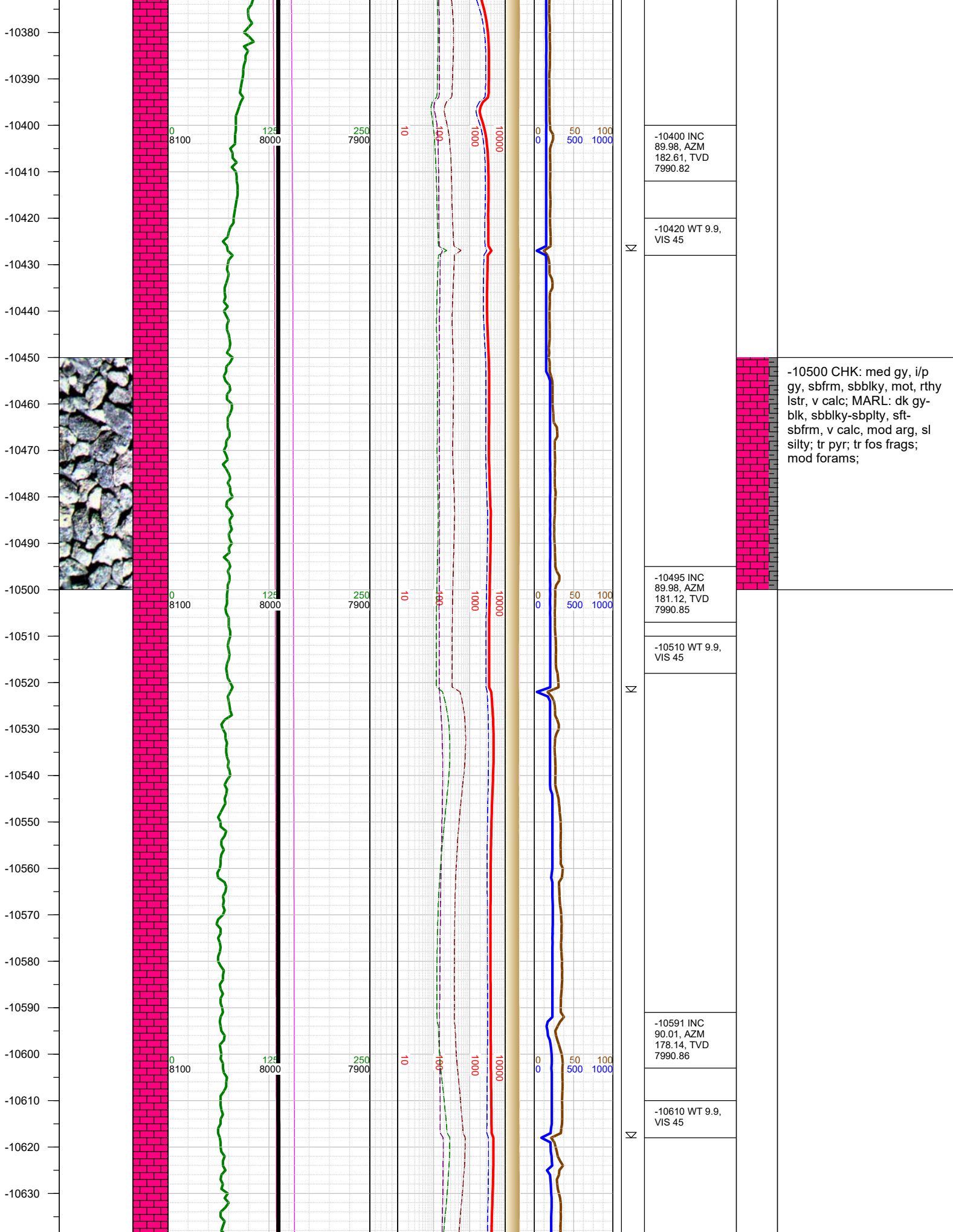












-10400 INC  
89.98, AZM  
182.61, TVD  
7990.82

-10420 WT 9.9,  
VIS 45

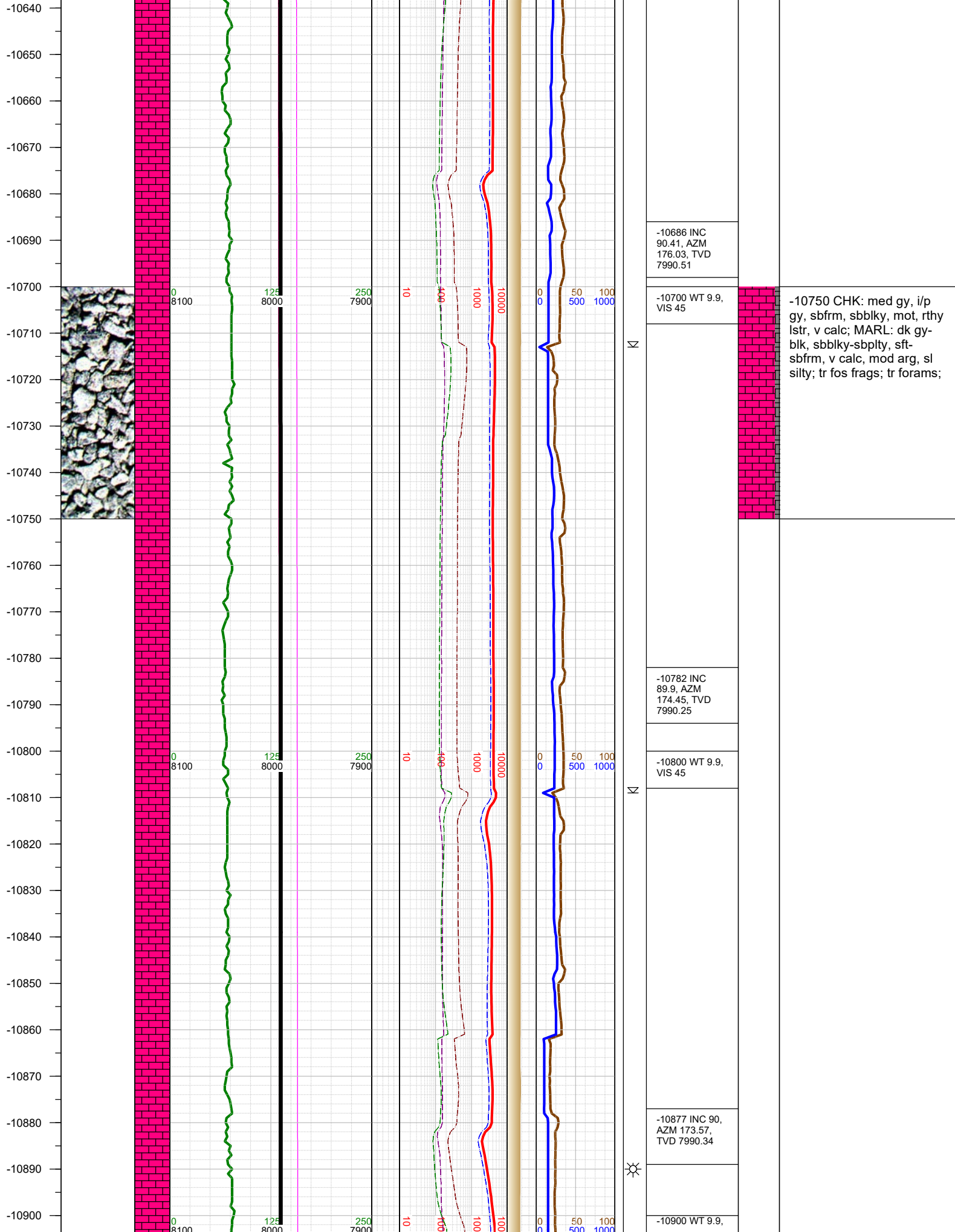
-10500 CHK: med gy, i/p  
gy, sbfrm, sbblky, mot, rthy  
lstr, v calc; MARL: dk gy-  
blk, sbblky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty; tr pyr; tr fos frags;  
mod forams;

-10495 INC  
89.98, AZM  
181.12, TVD  
7990.85

-10510 WT 9.9,  
VIS 45

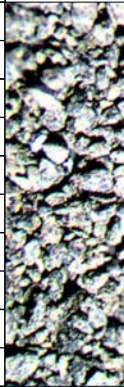
-10591 INC  
90.01, AZM  
178.14, TVD  
7990.86

-10610 WT 9.9,  
VIS 45





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-10972 INC  
89.94, AZM  
175.65, TVD  
7990.39

-11000 WT 9.9,  
VIS 46

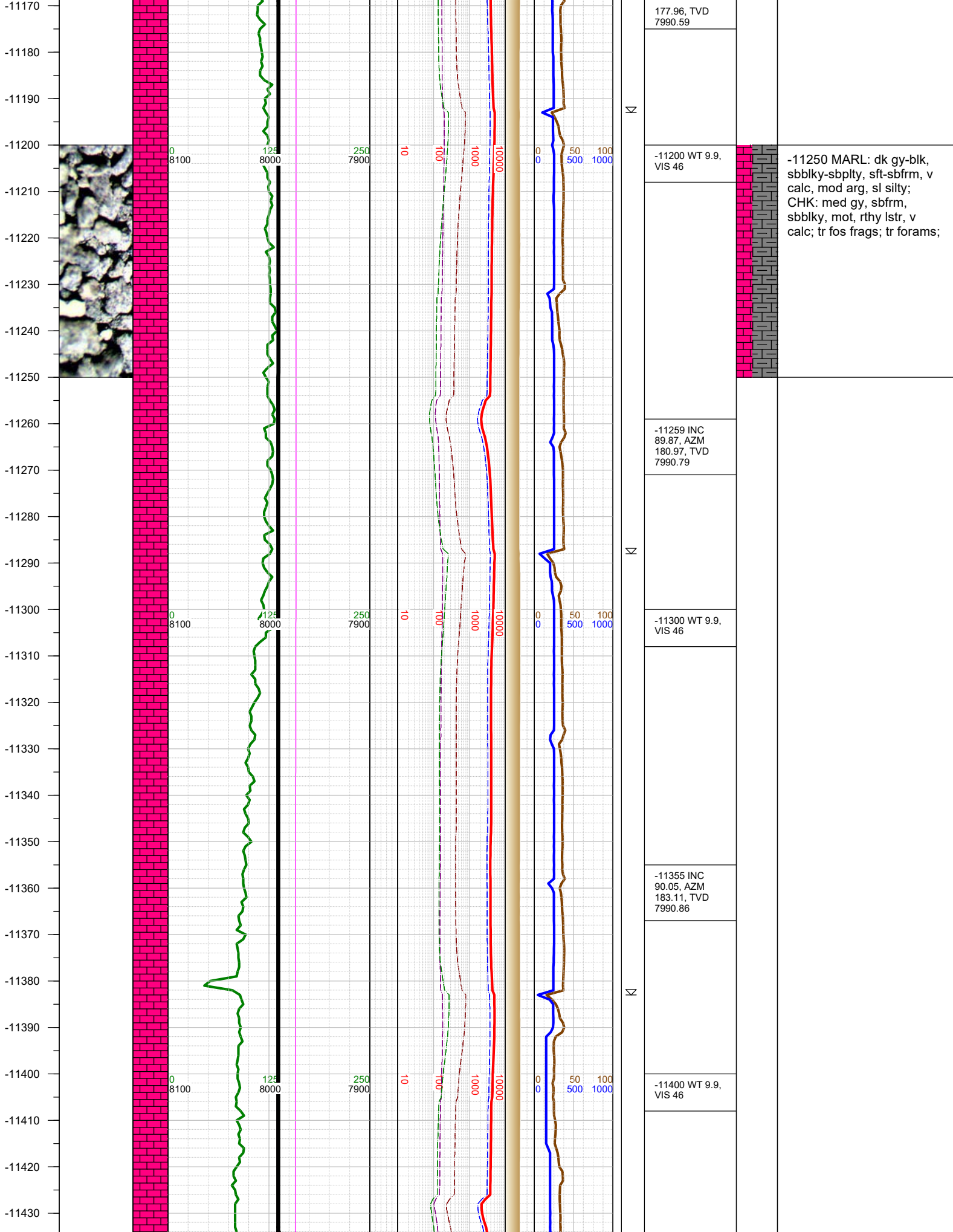
-11068 INC  
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176.36, TVD  
7990.47

-11100 WT 9.9,  
VIS 46

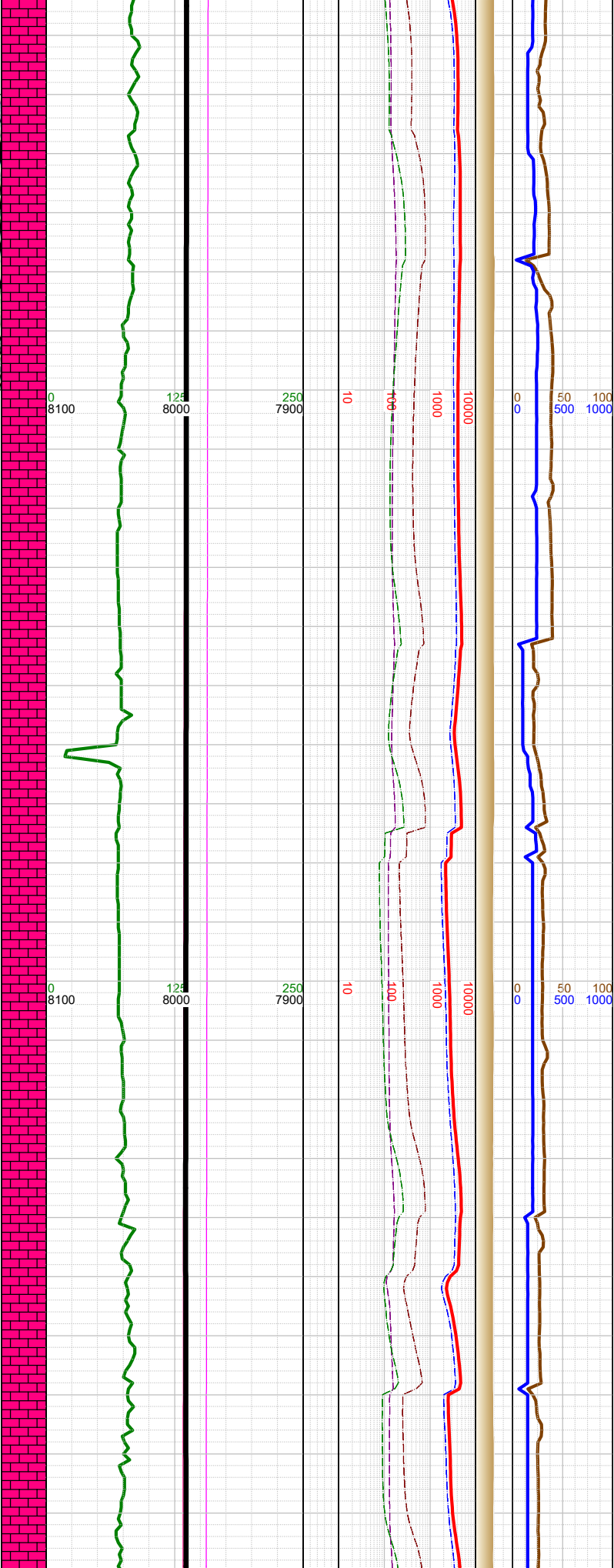
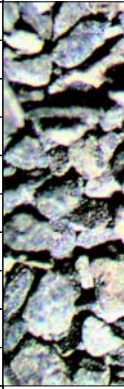
-11163 INC  
89.89, AZM

-11000 CHK: med gy, i/p  
gy, sbfrm, sbbiky, mot, rthy  
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blk, sbbiky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty; tr fos frags; tr forams;





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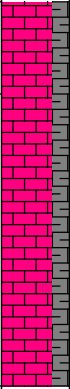
-11450 INC  
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184.33, TVD  
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-11500 WT 9.9,  
VIS 46

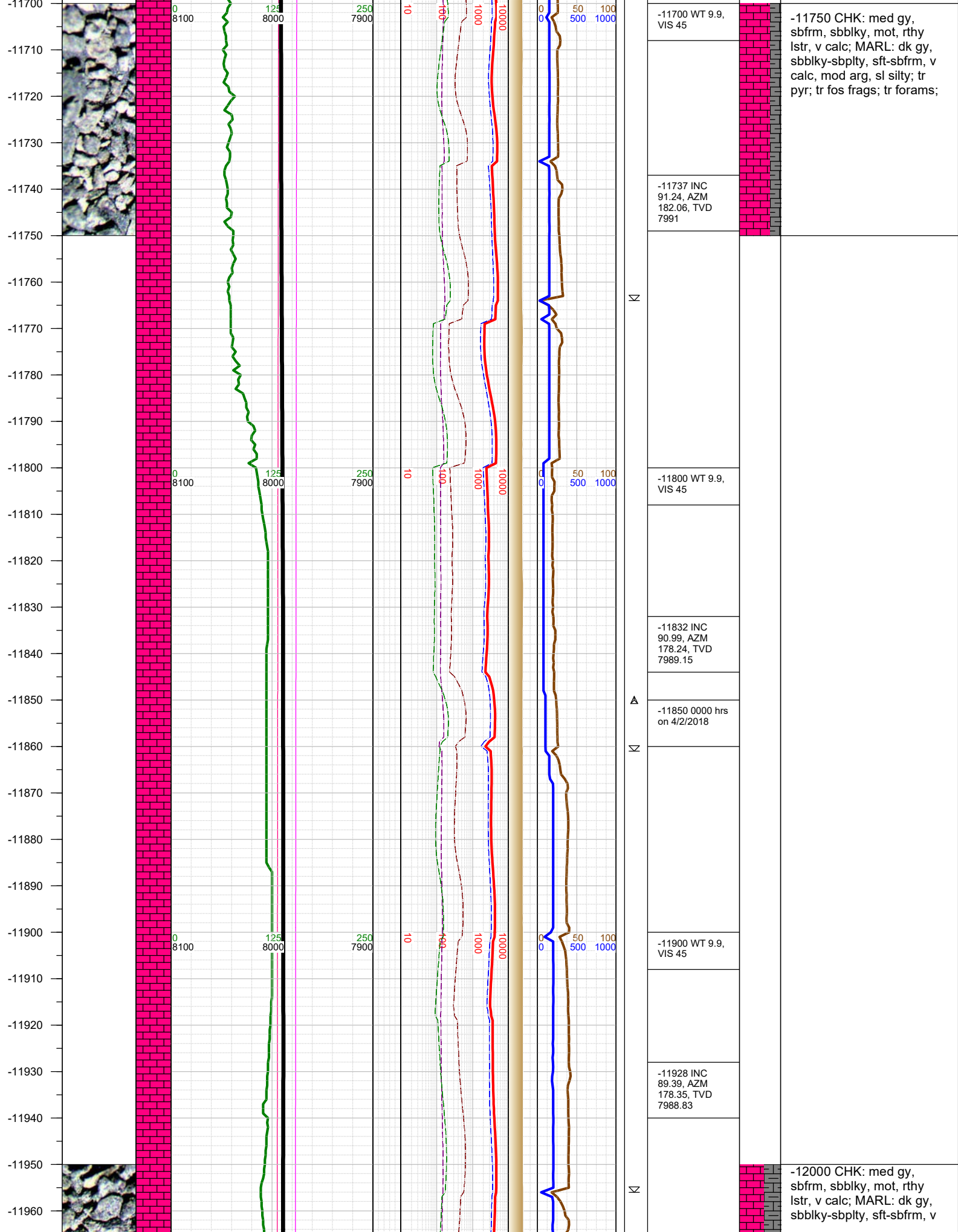
-11546 INC  
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185.98, TVD  
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-11600 WT 9.9,  
VIS 45

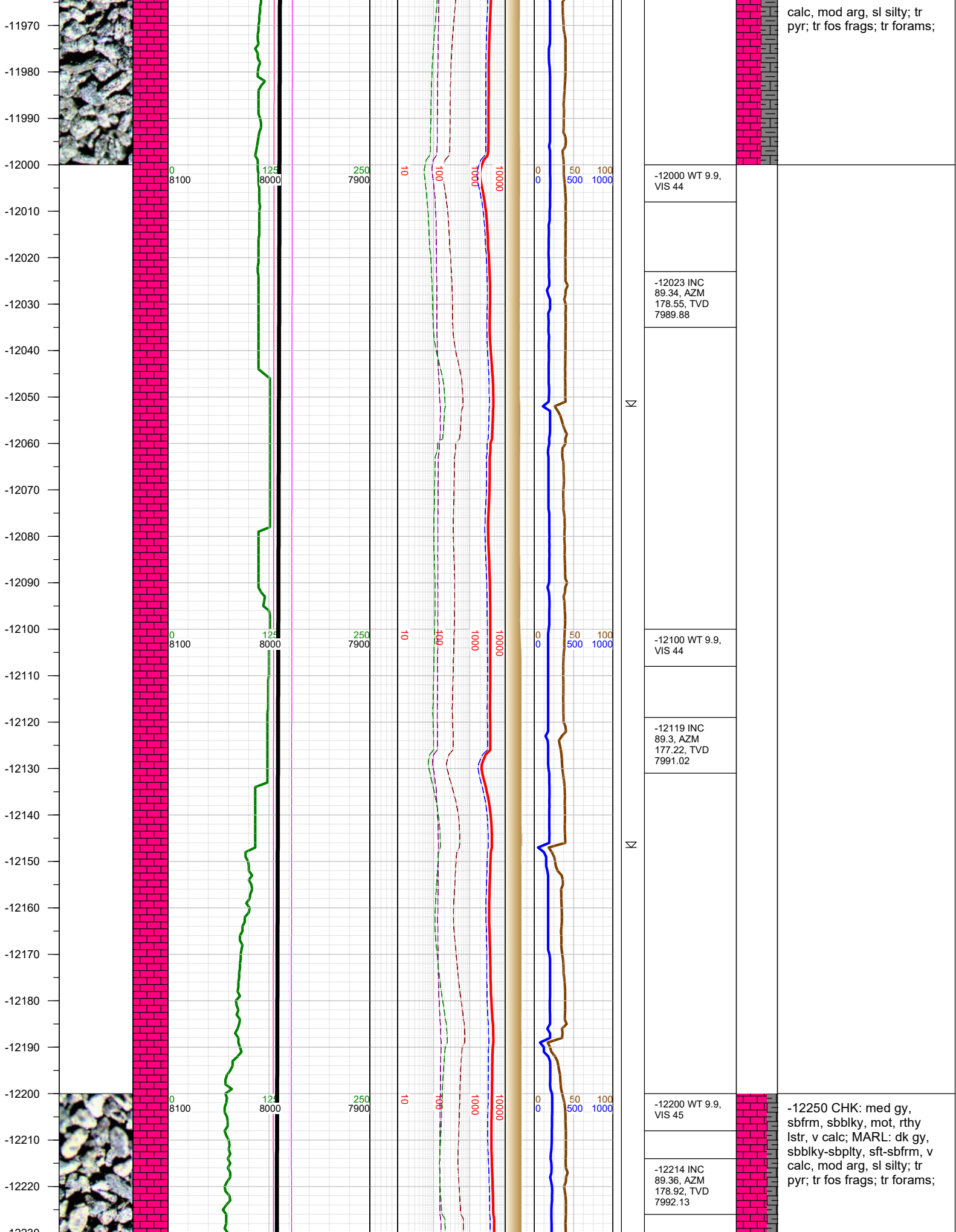
-11641 INC  
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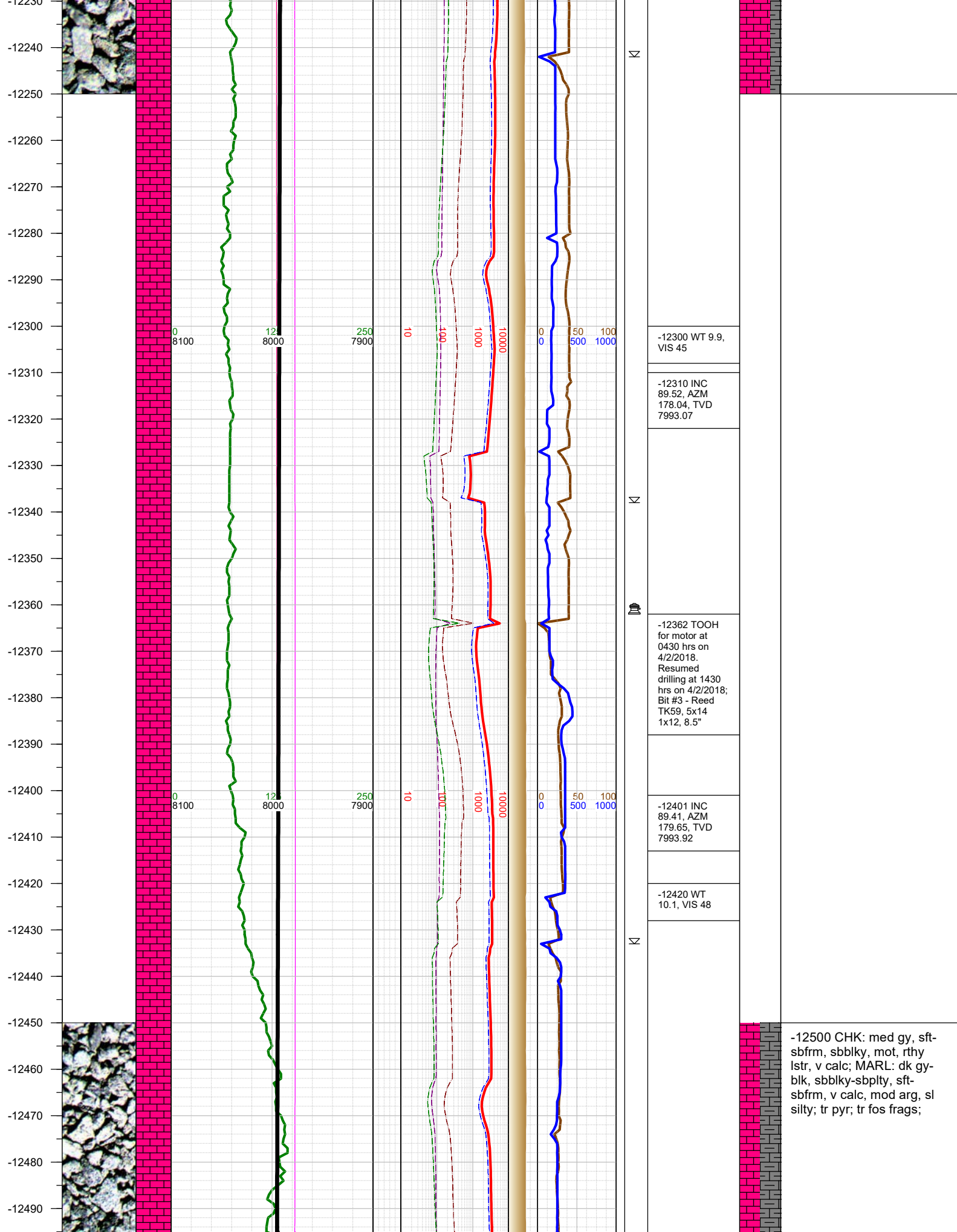


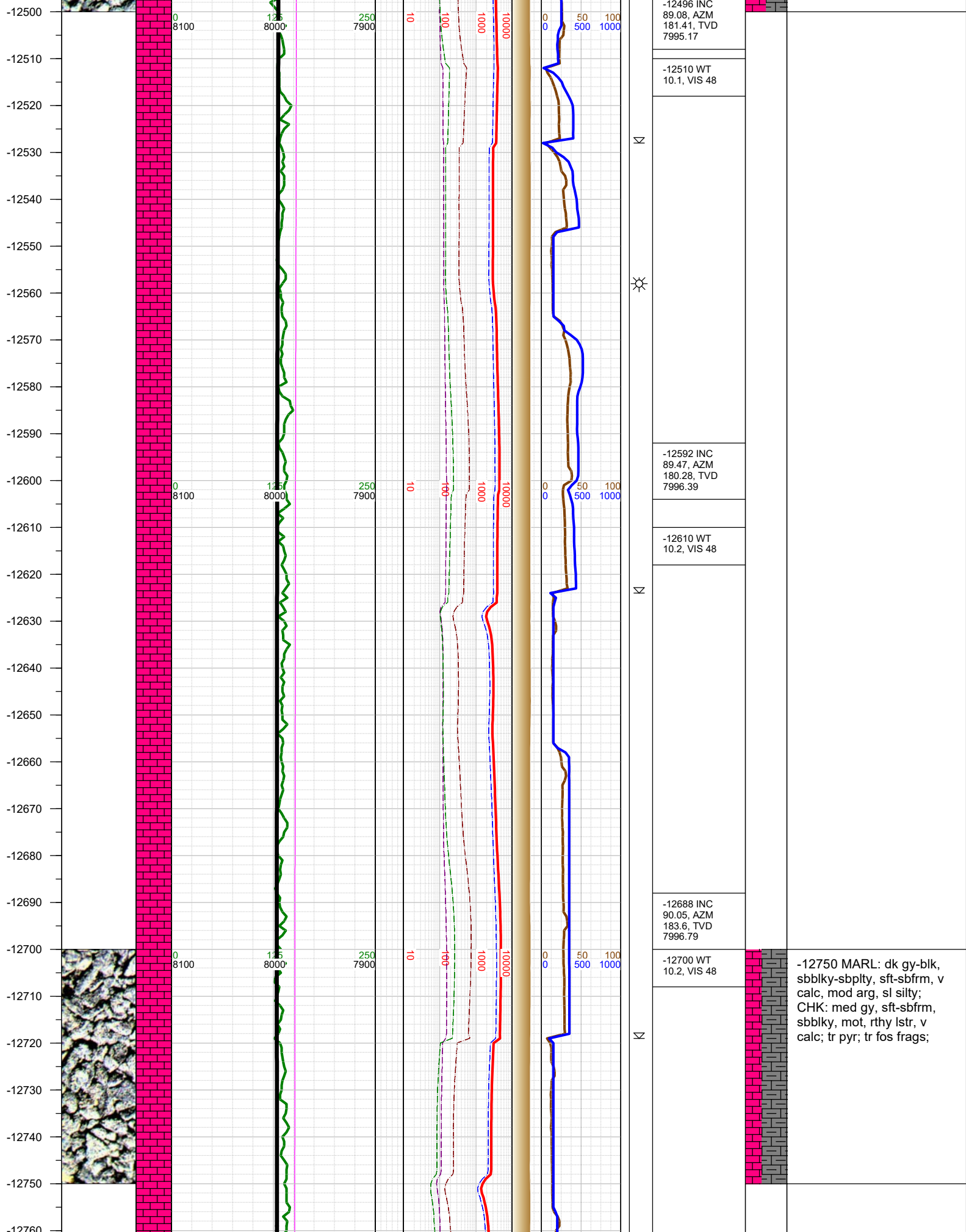
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gy, sbfrm, sbblky, mot, rthy  
lstr, v calc; MARL: dk gy-  
blk, sbblky-sbply, sft-  
silty; tr pyr; tr fos frags; tr  
forams;



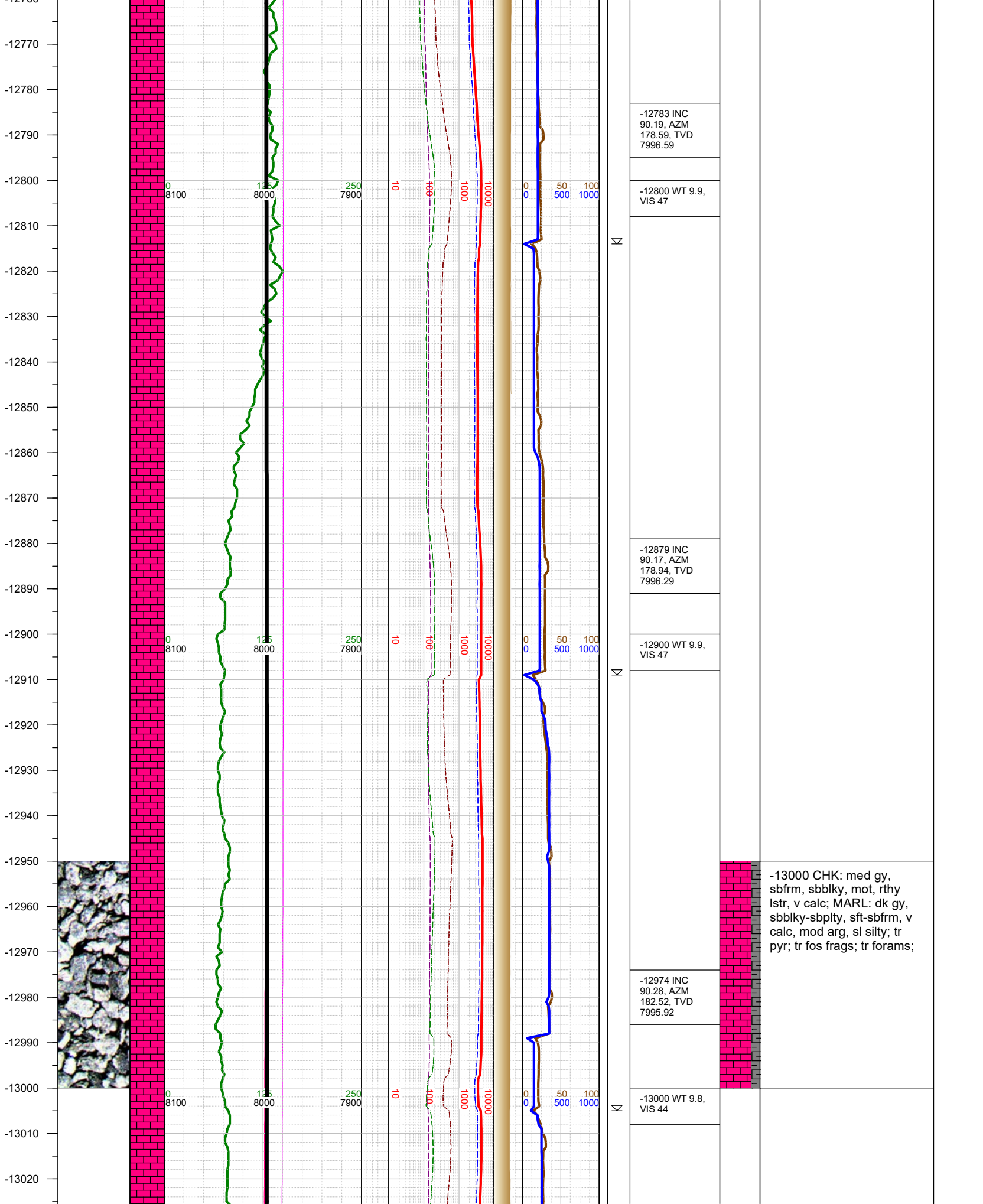


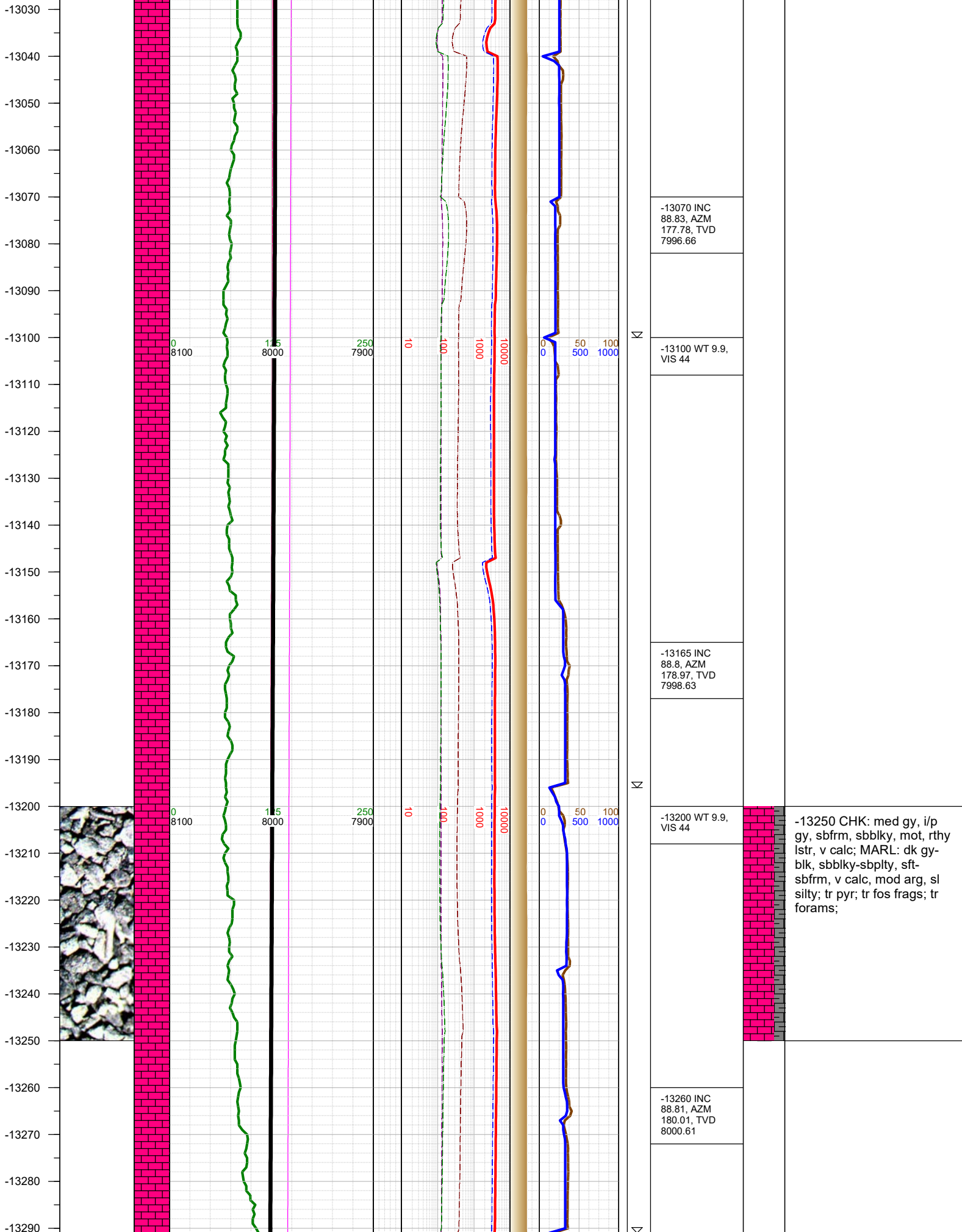


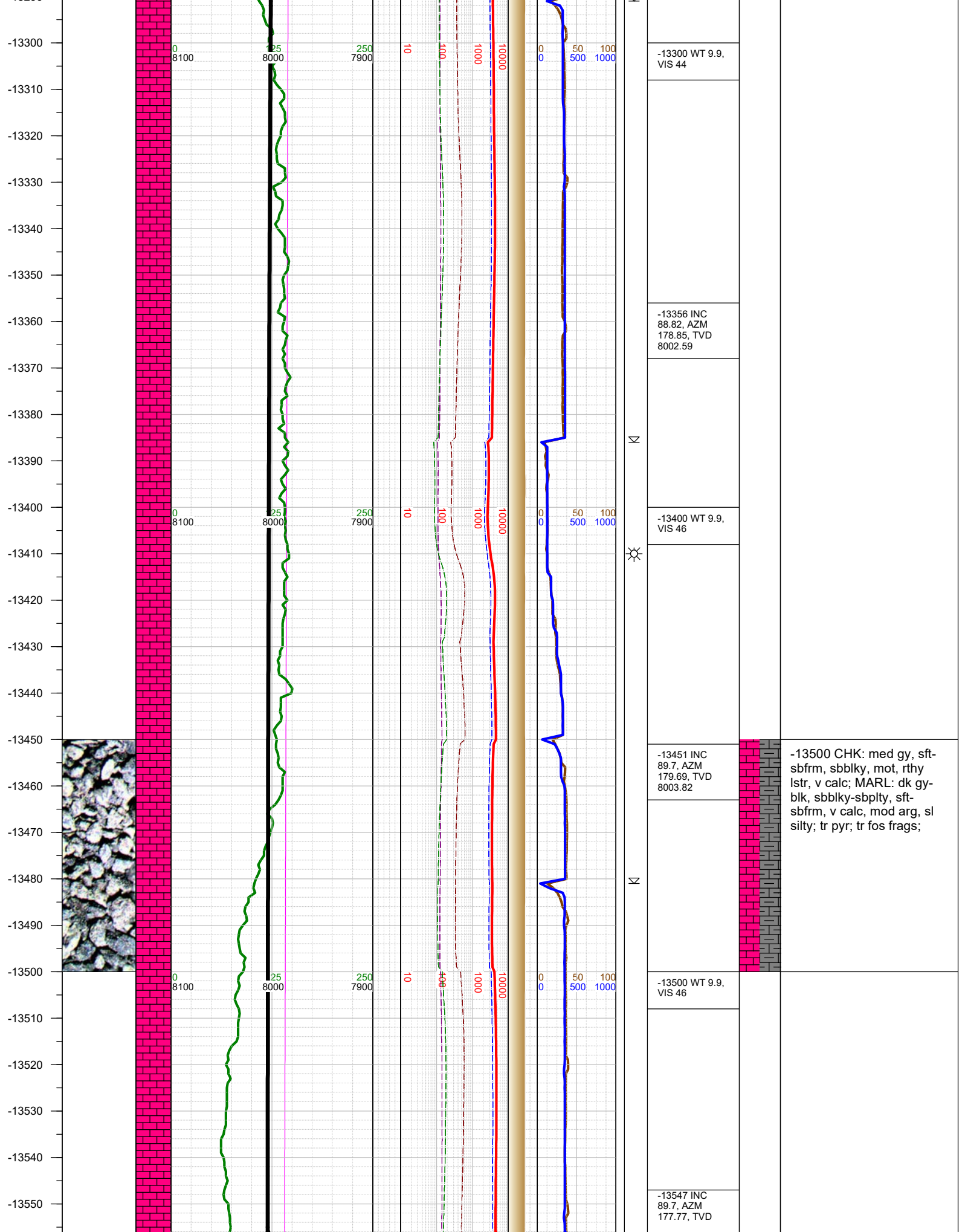




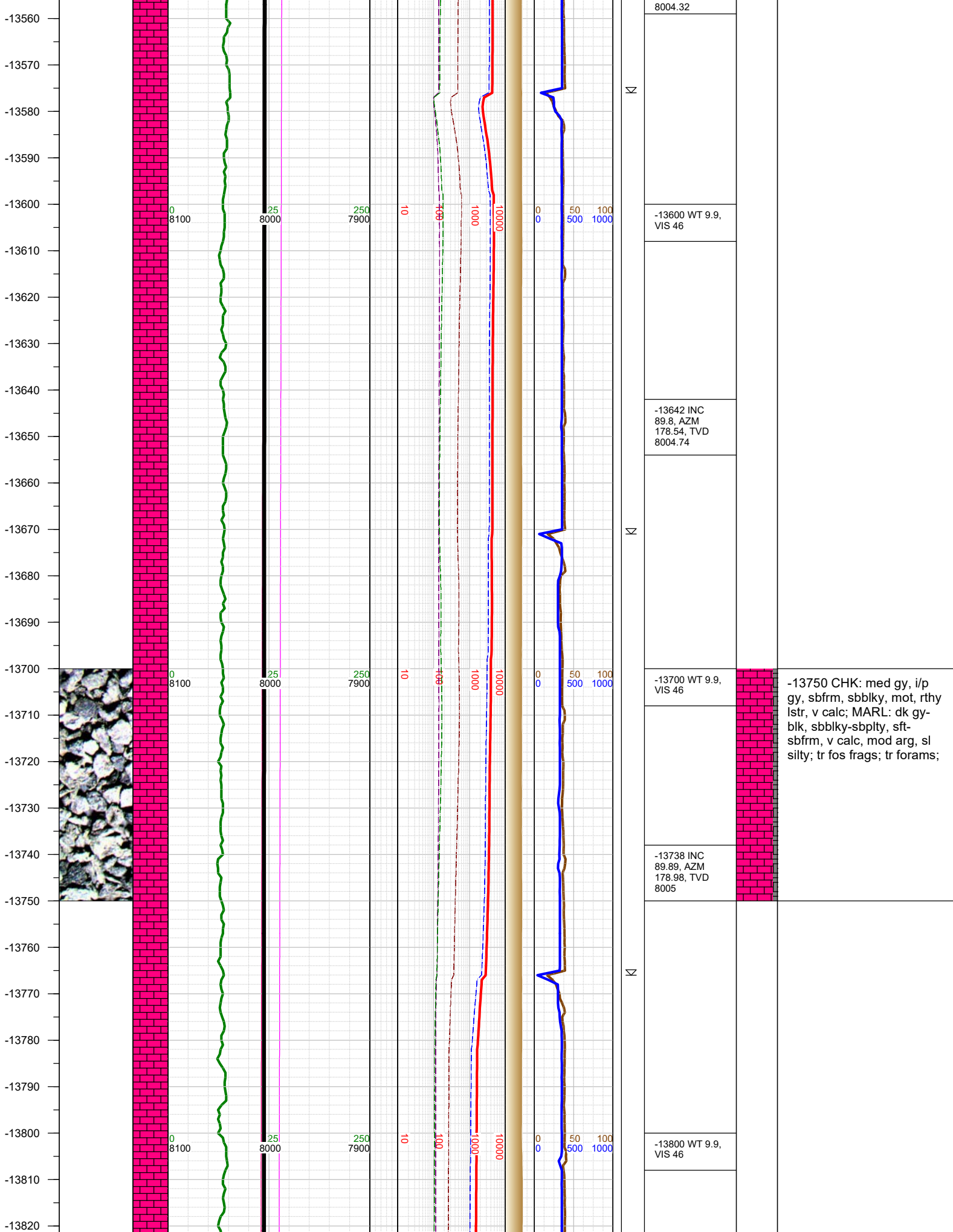


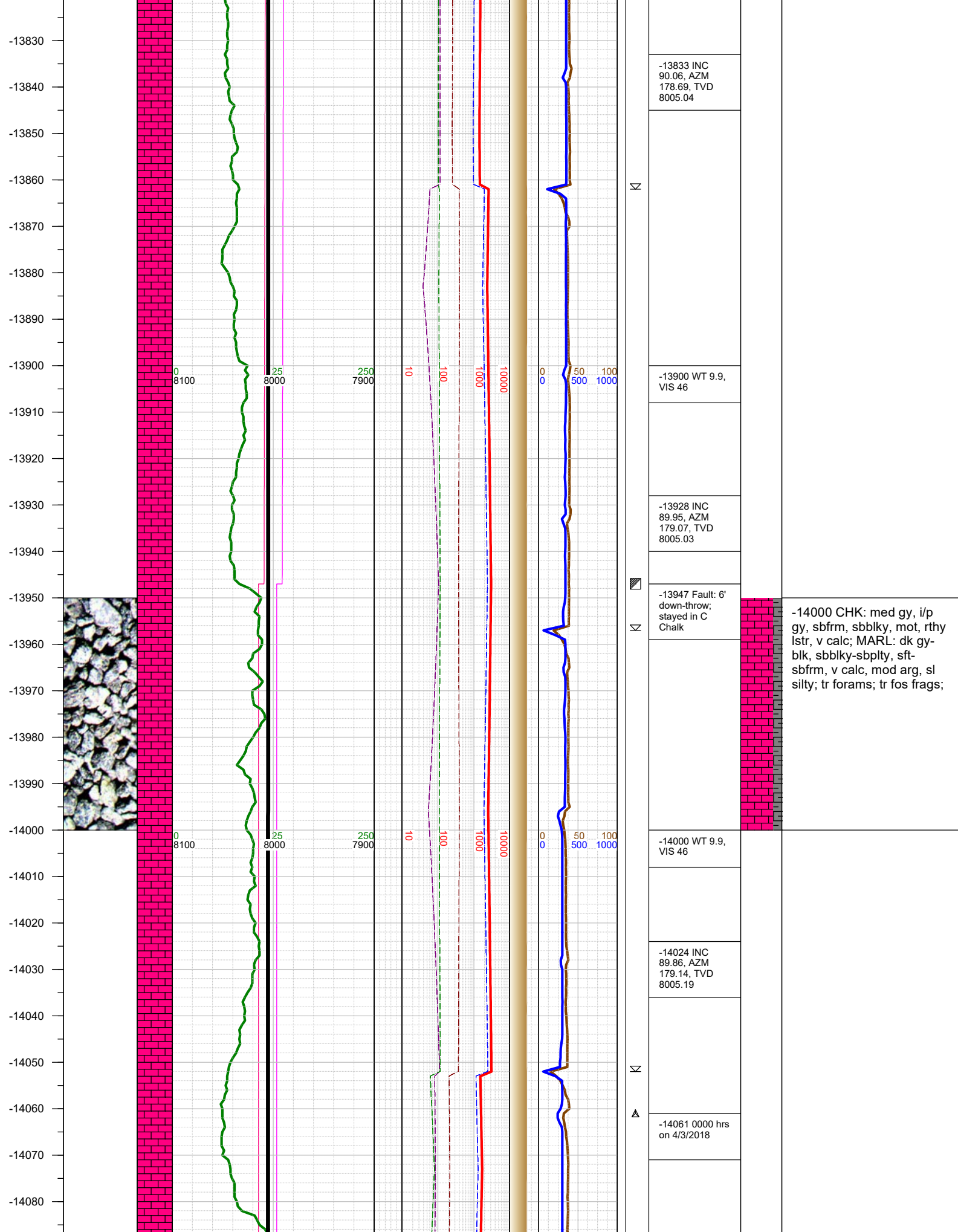




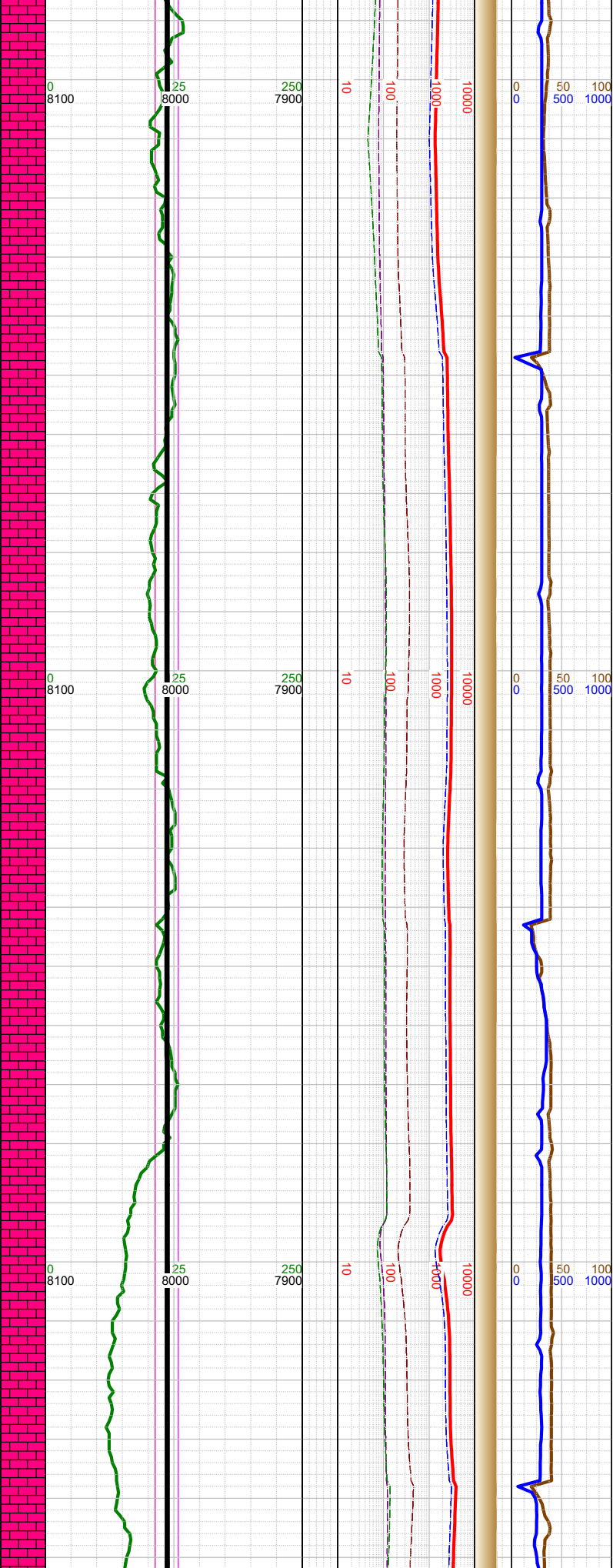






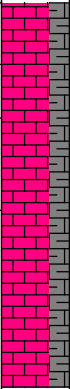


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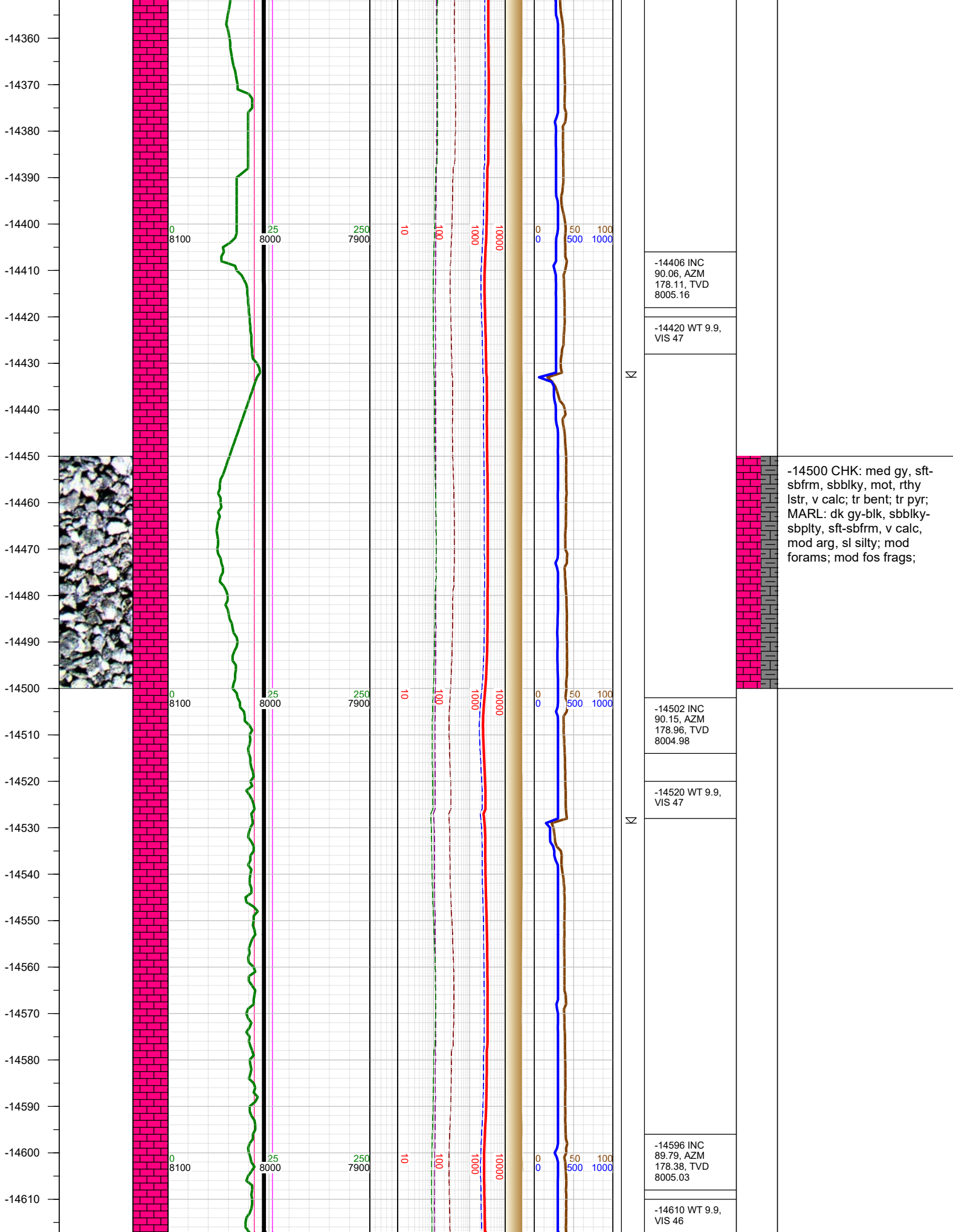
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-14100 WT 9.9, VIS 46
-14119 INC 89.92, AZM 179.84, TVD 8005.37
-14200 WT 9.9, VIS 47
-14215 INC 90.04, AZM 178.98, TVD 8005.41
-14300 WT 9.9, VIS 47
-14310 INC 90.1, AZM 179.36, TVD 8005.29

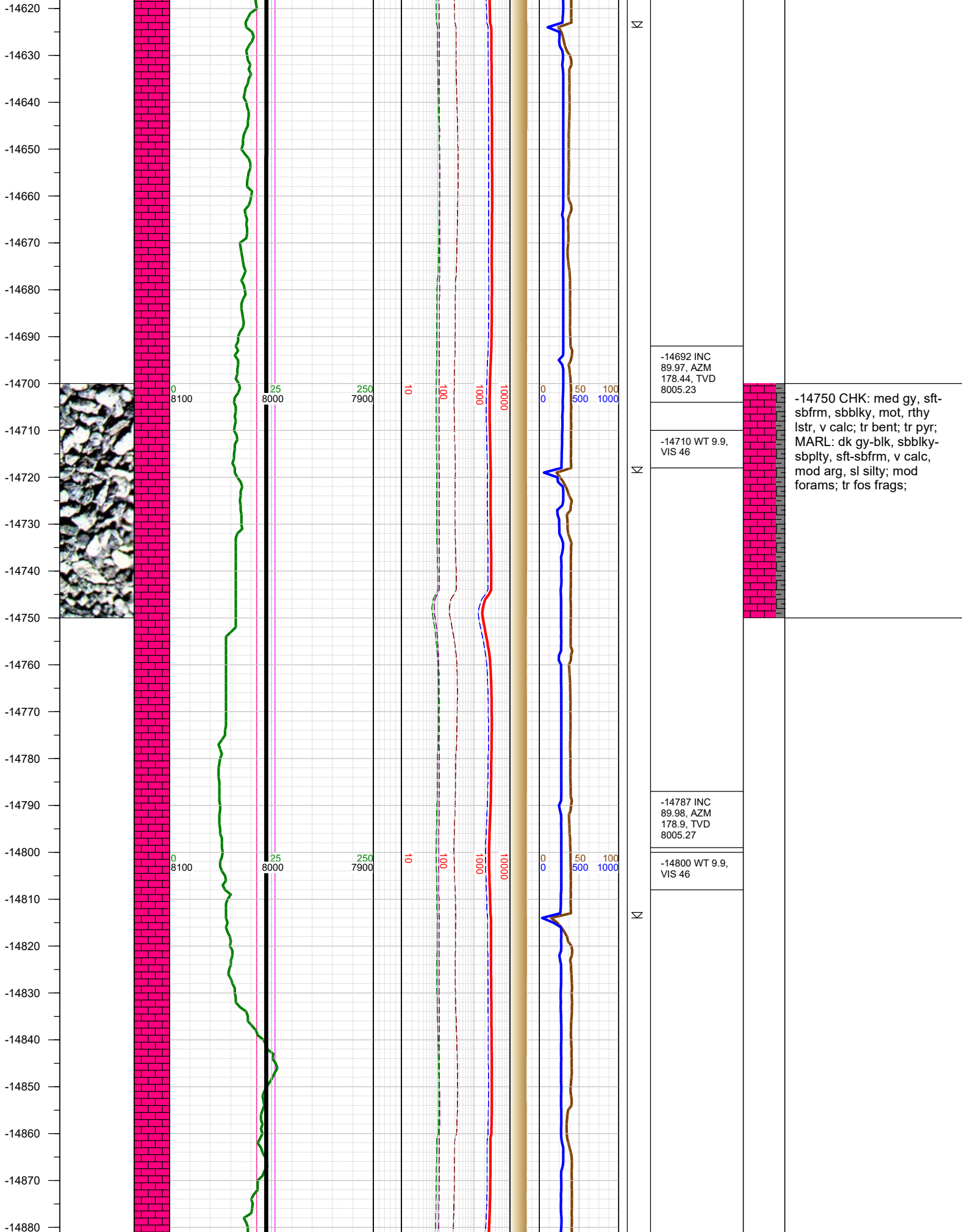


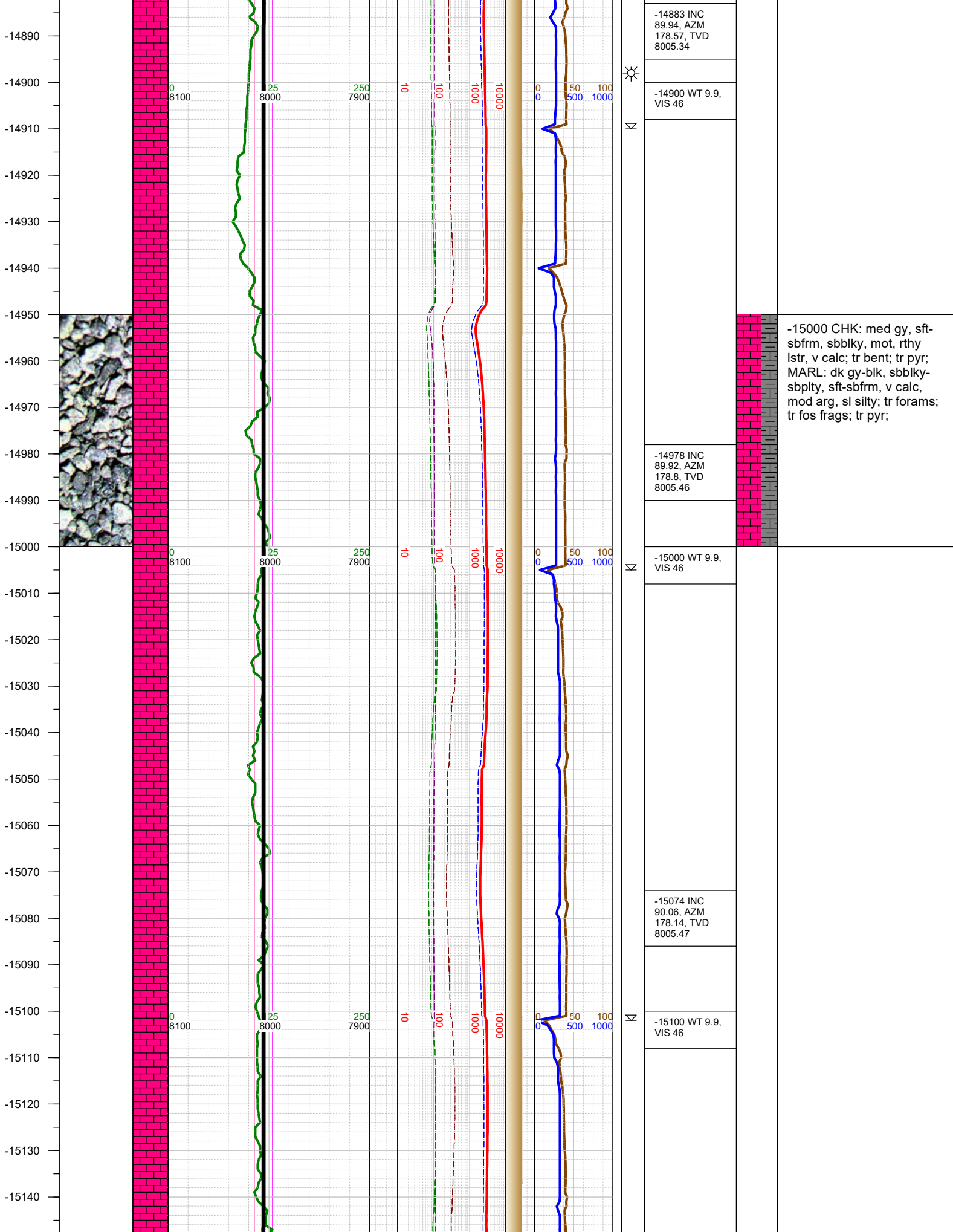
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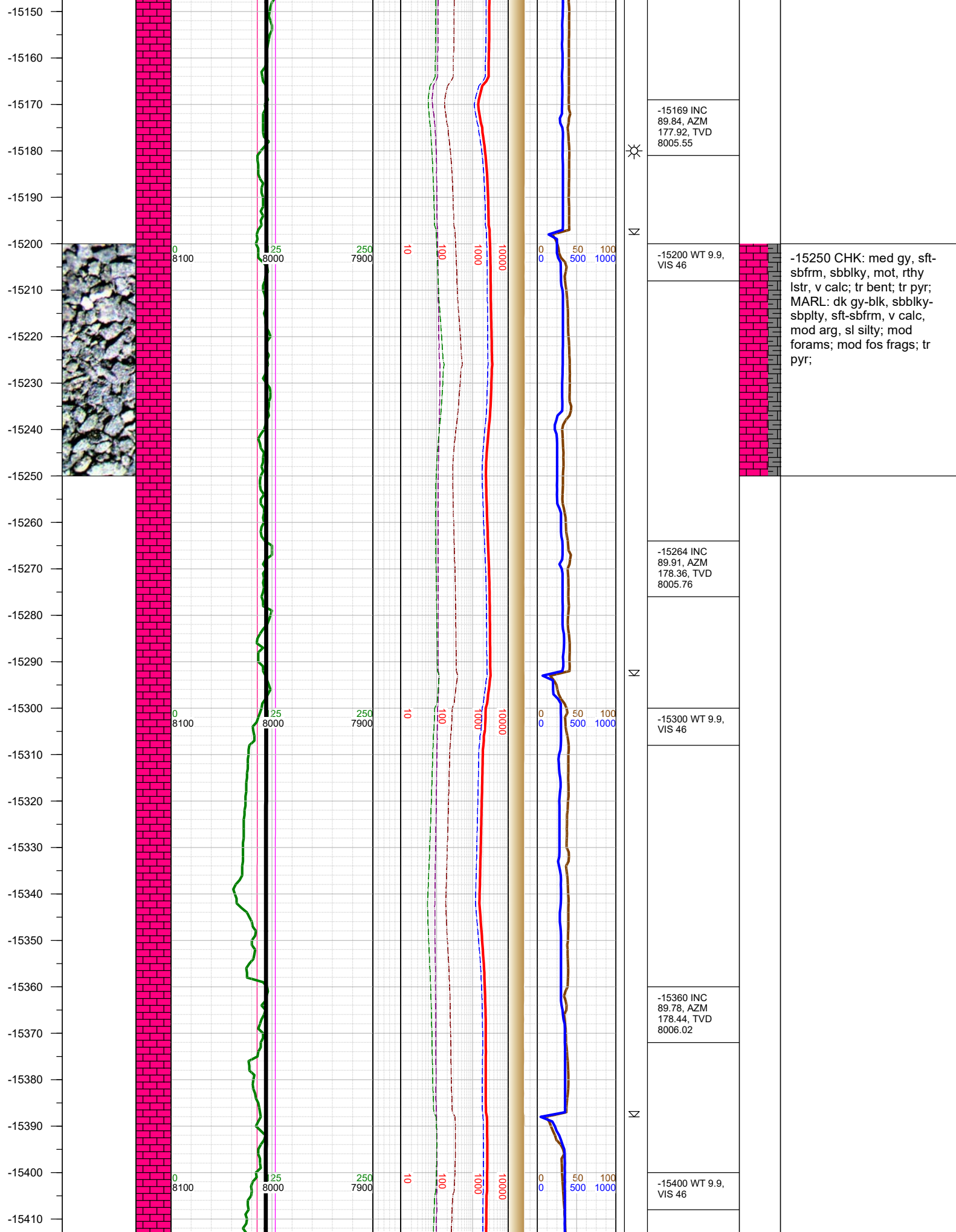


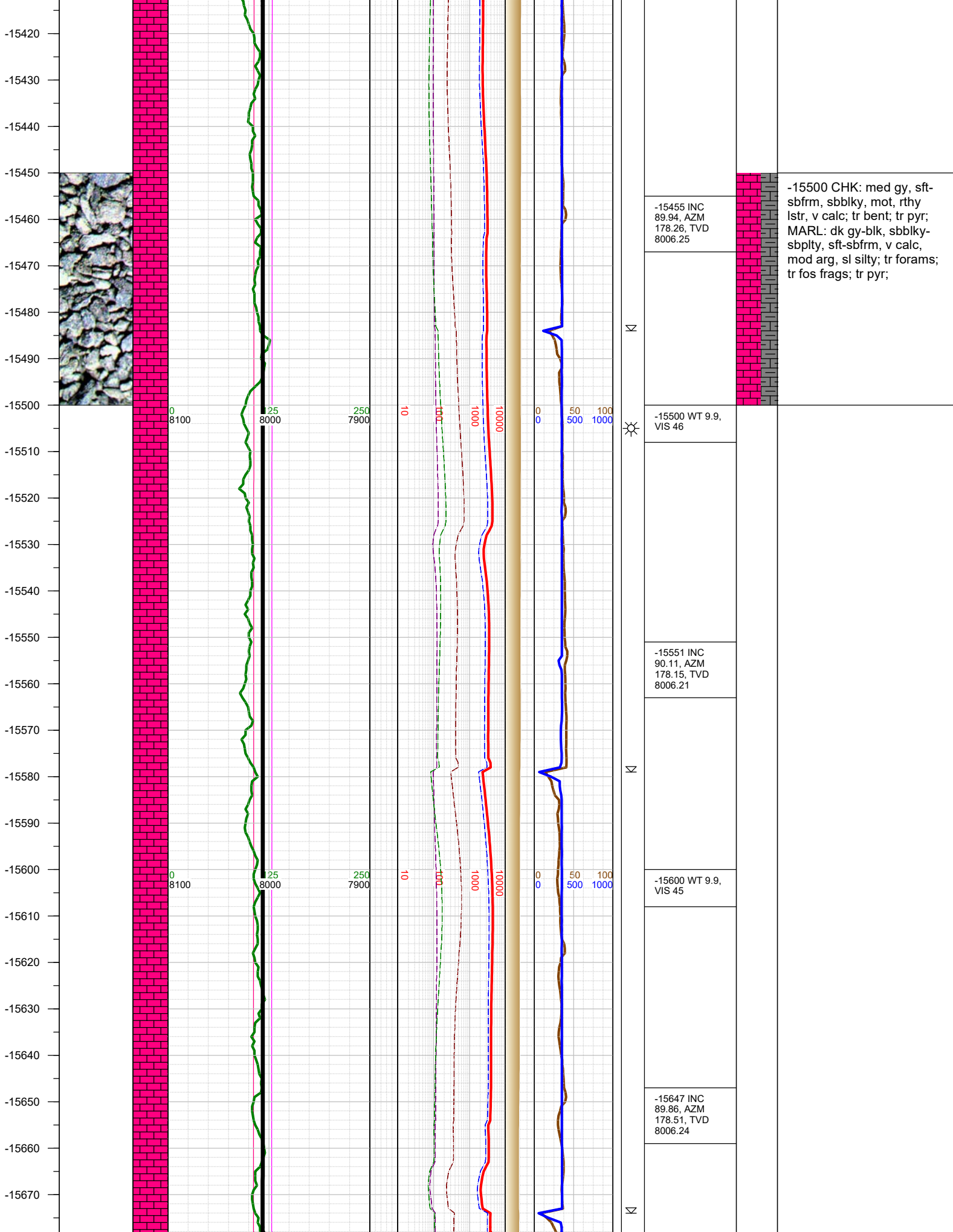
-14500 CHK: med gy, sft-sbfrm, sbblky, mot, rthy lstr, v calc; tr bent; tr pyr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; mod forams; mod fos frags;

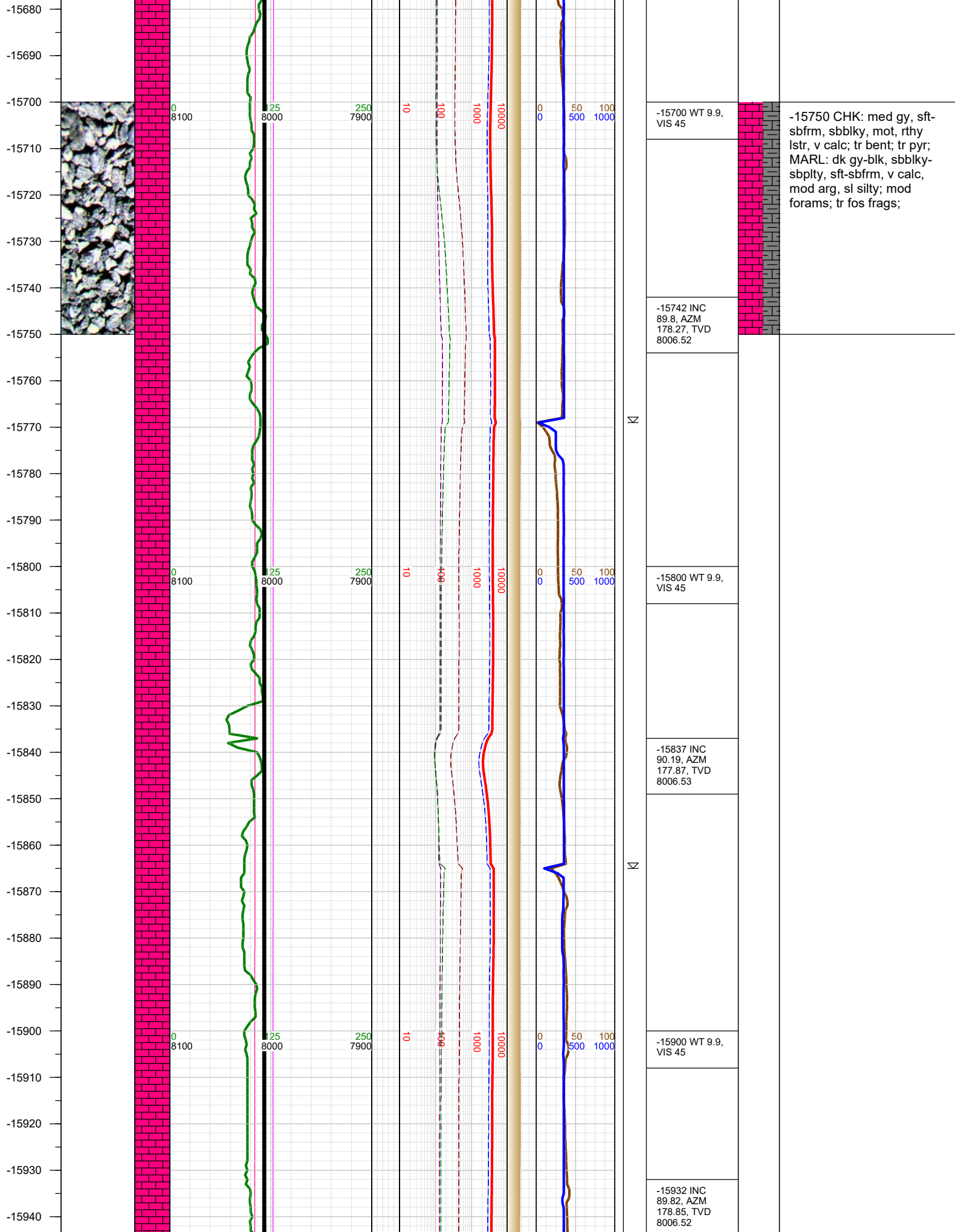




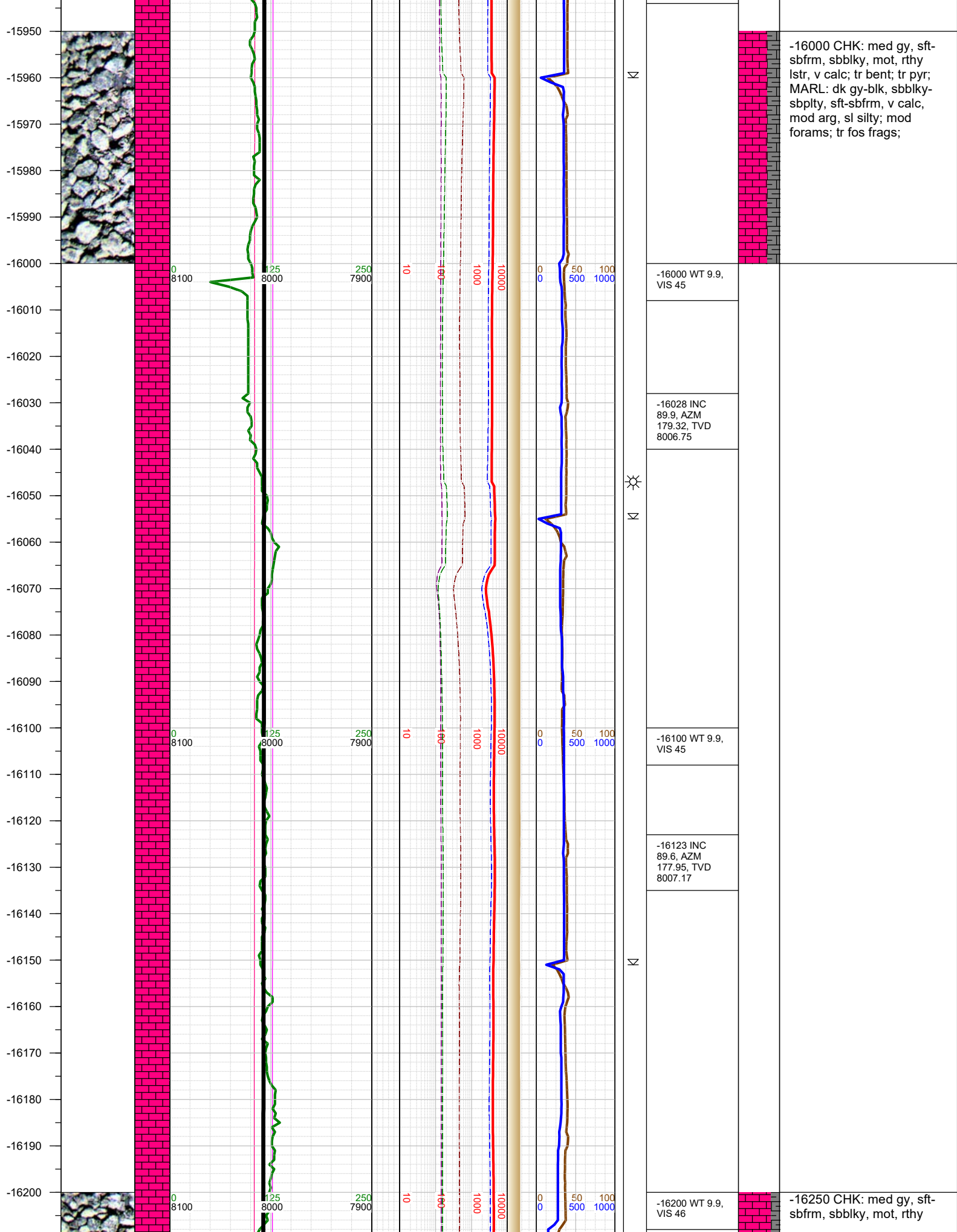


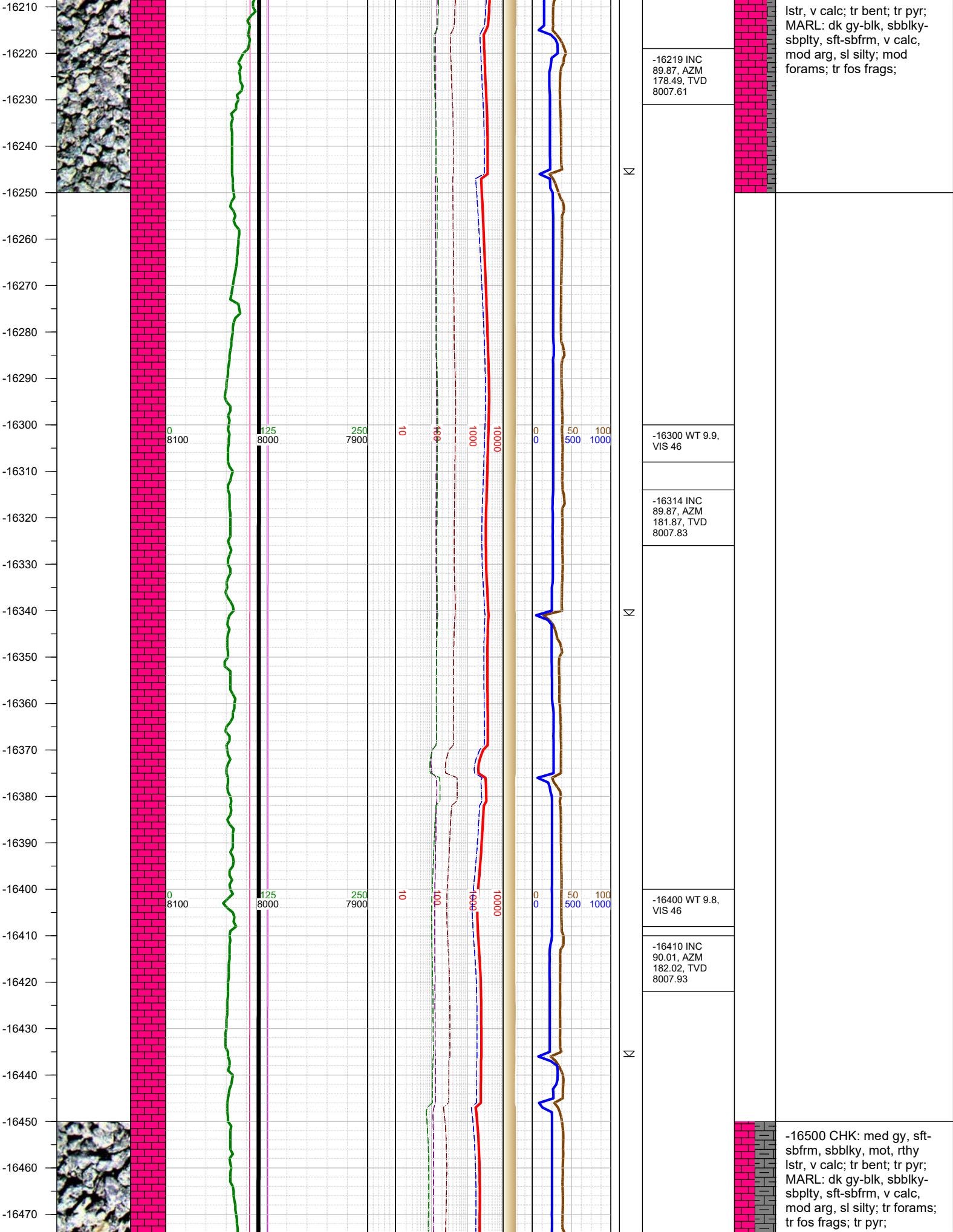




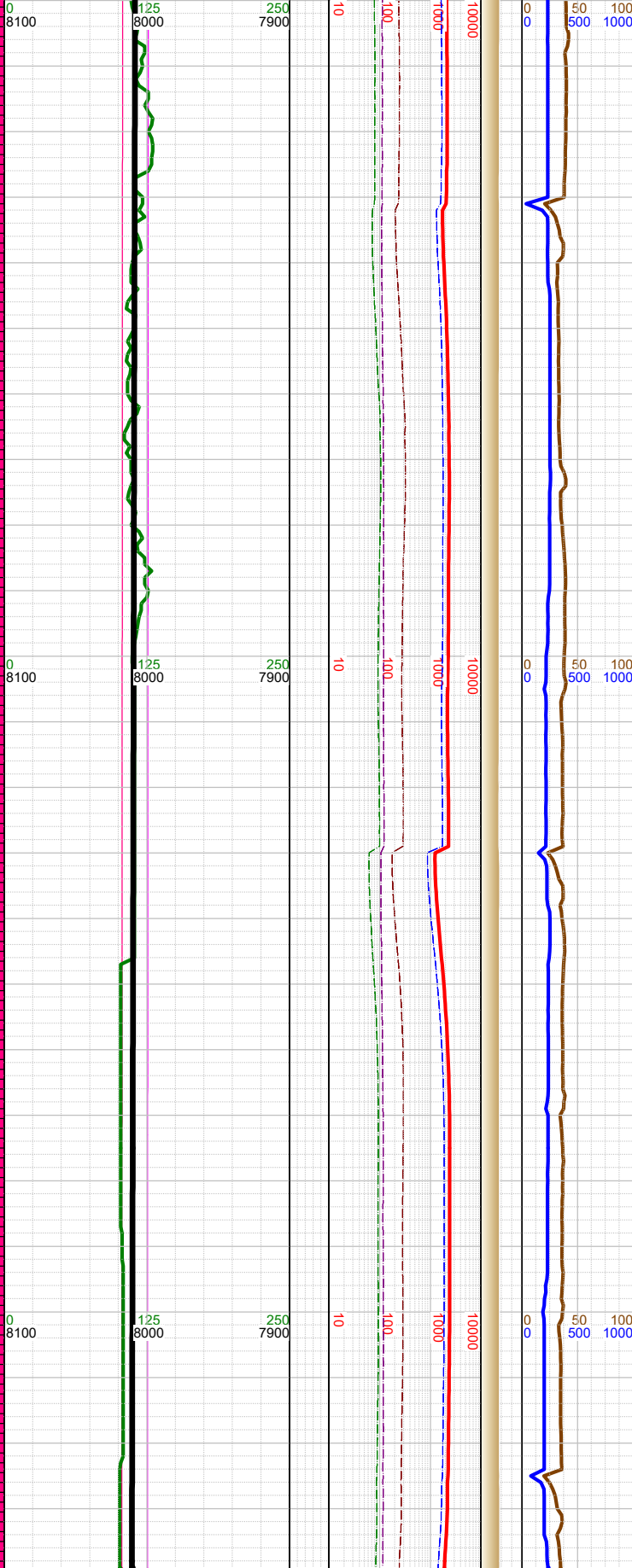
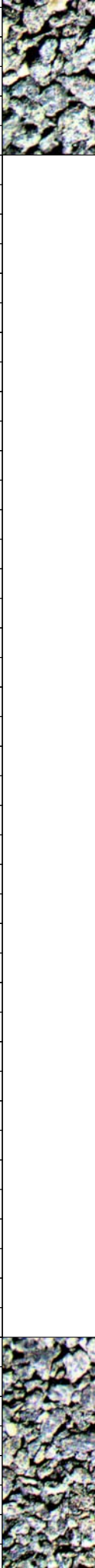








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-16505 INC  
89.36, AZM  
181.54, TVD  
8008.45

-16520 WT 9.9,  
VIS 45

-16600 INC  
89.46, AZM  
183.5, TVD  
8009.43

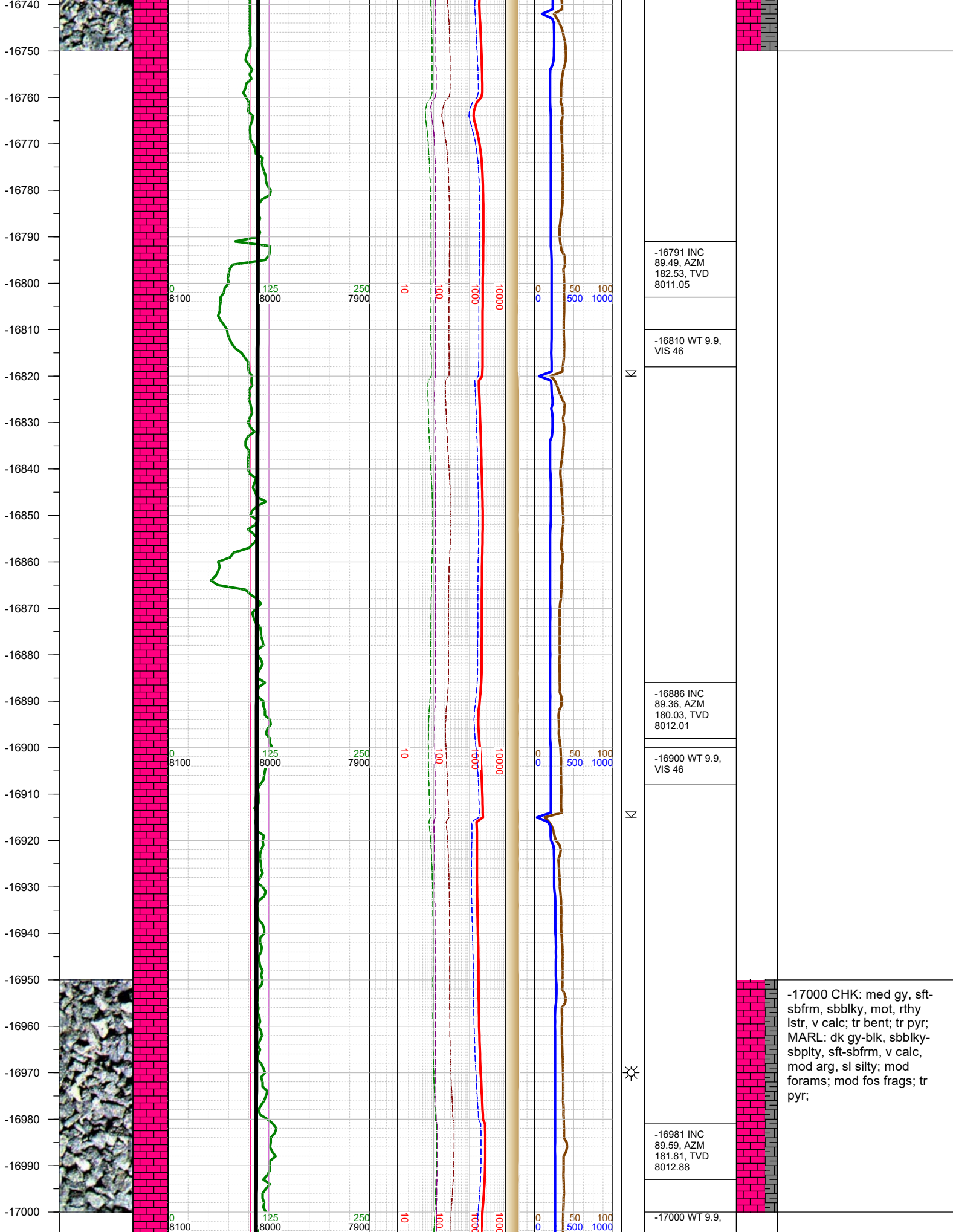
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-16696 INC  
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183.33, TVD  
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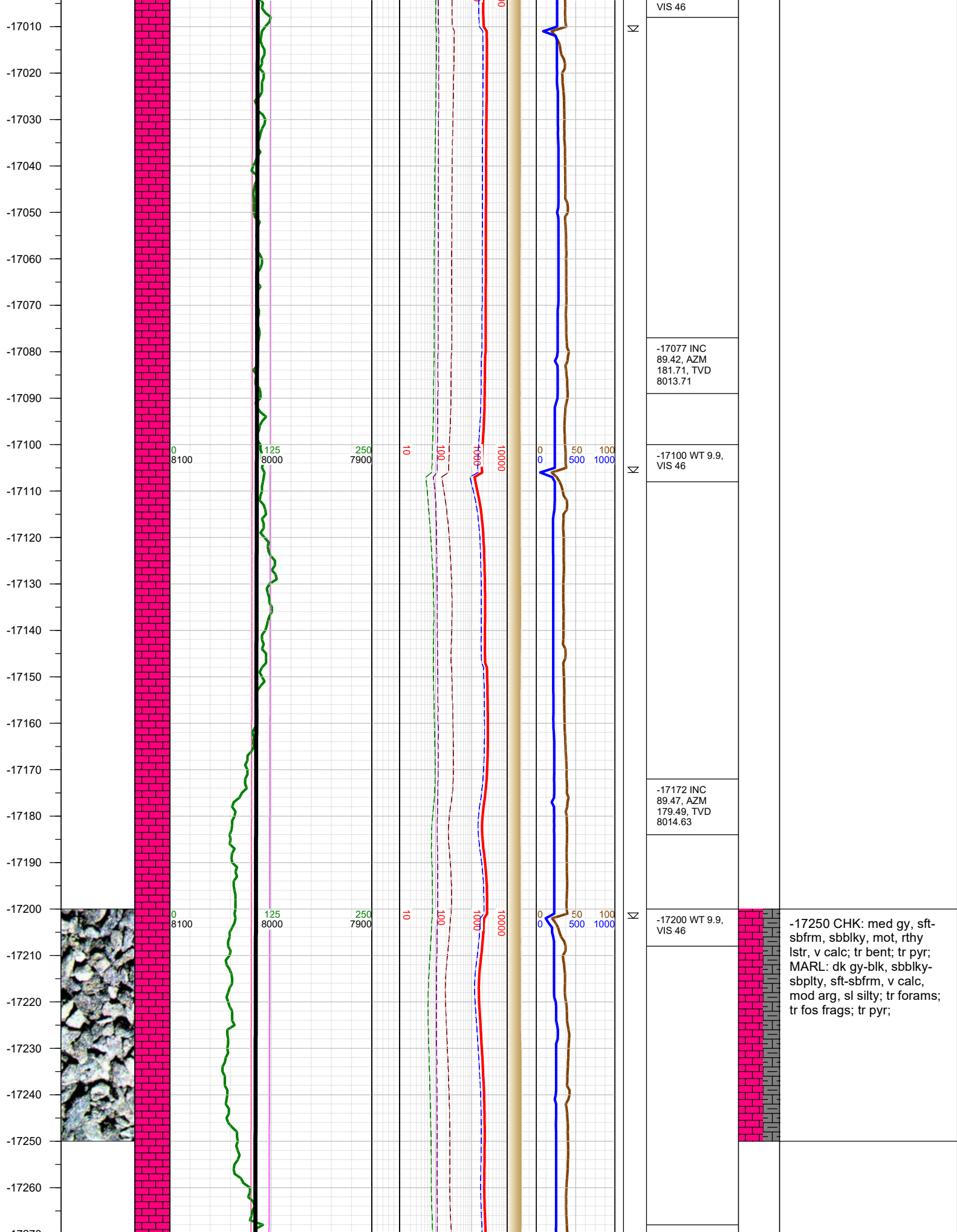
-16710 WT 9.9,  
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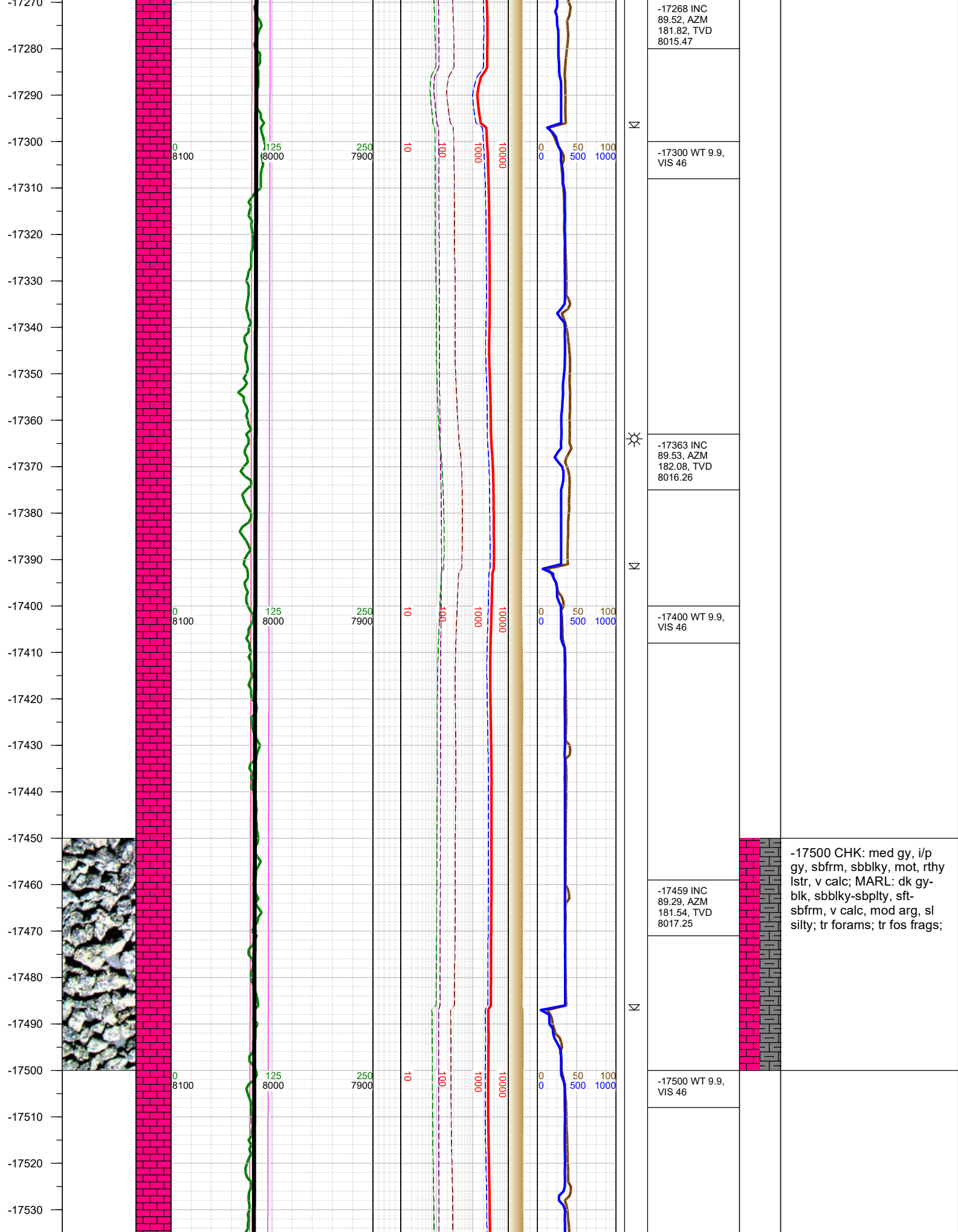
-16750 CHK: med gy, sft-  
sbfrm, sbblky, mot, rthy  
lstr, v calc; tr bent; tr pyr;  
MARL: dk gy-blk, sbblky-  
sbplty, sft-sbfrm, v calc,  
mod arg, sl silty; tr forams;  
tr fos frags; tr pyr;





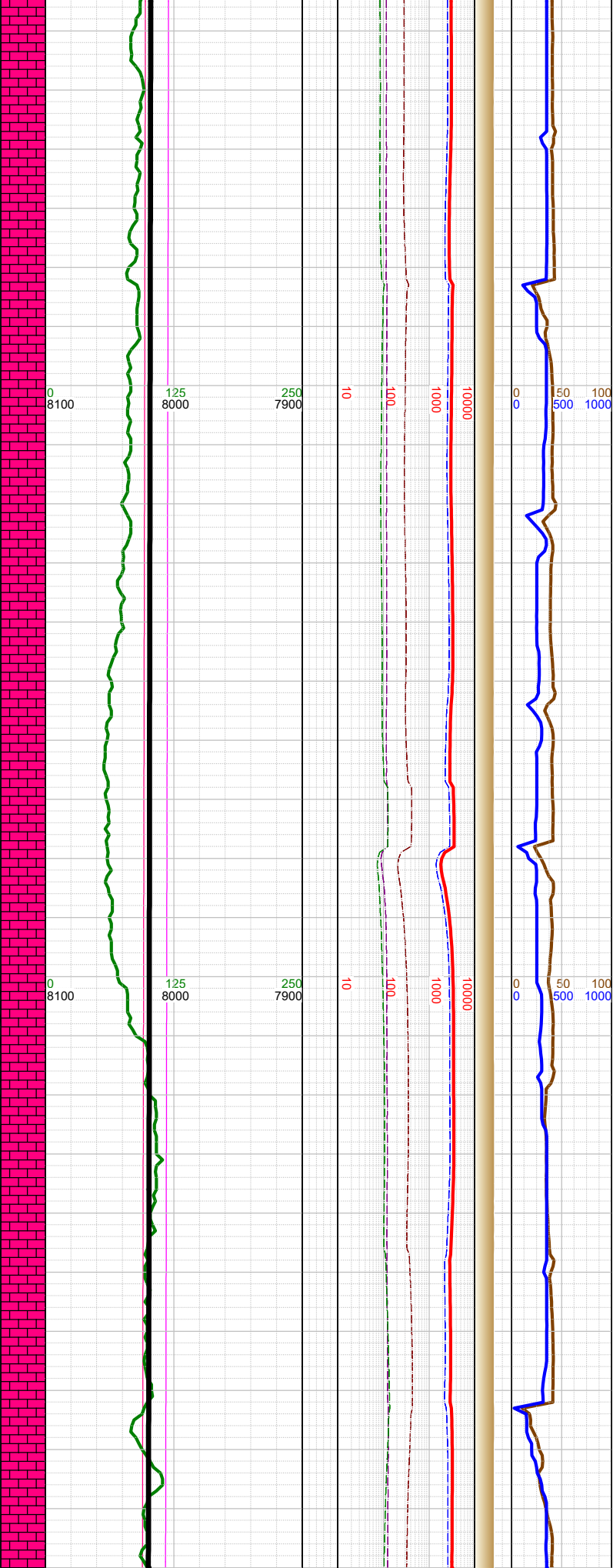
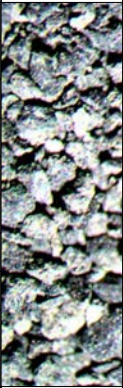
-17000 CHK: med gy, sft-sbfrm, sbblky, mot, rthy lstr, v calc; tr bent; tr pyr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; mod forams; mod fos frags; tr pyr;







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89.52, AZM  
179.83, TVD  
8018.25

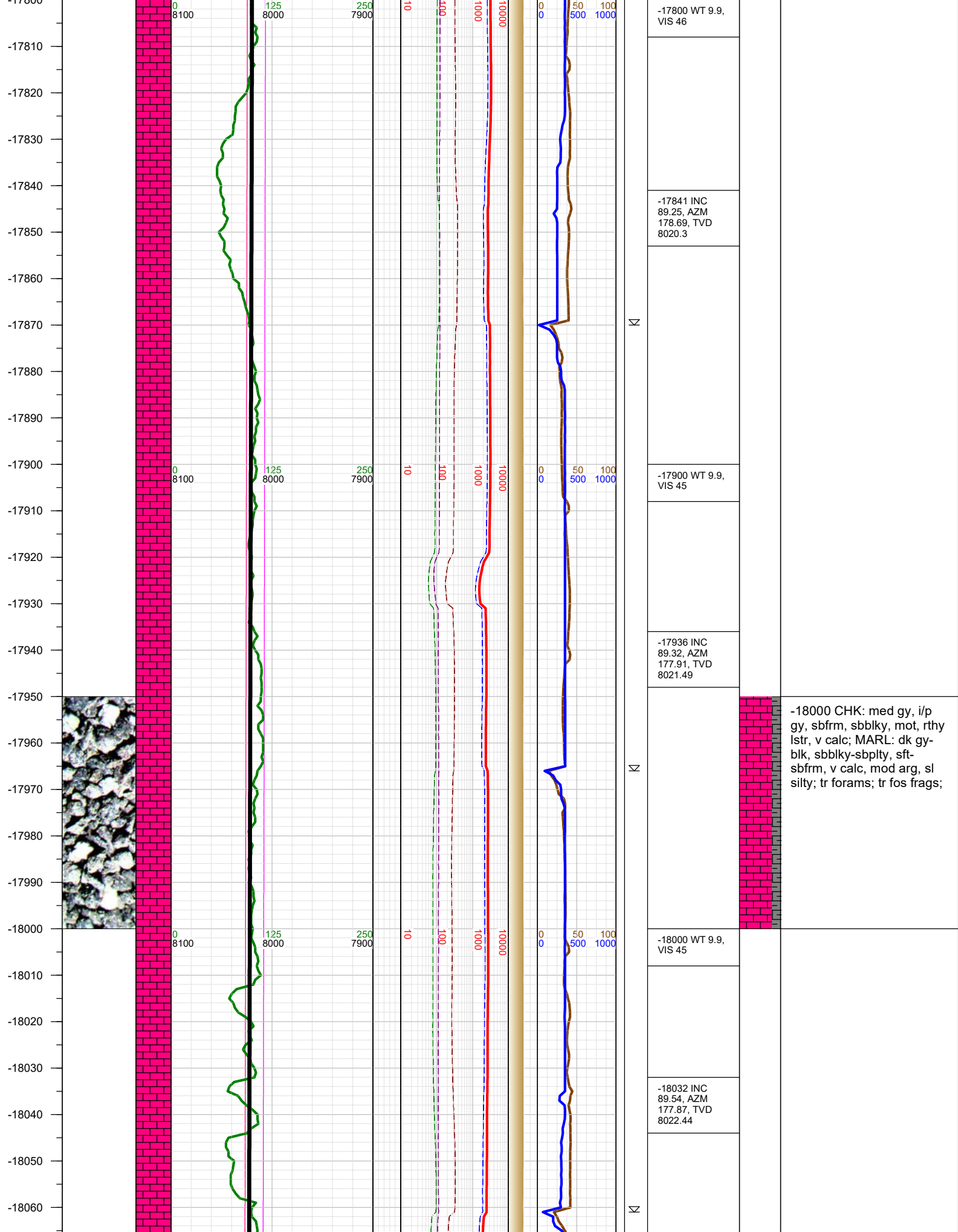
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VIS 46

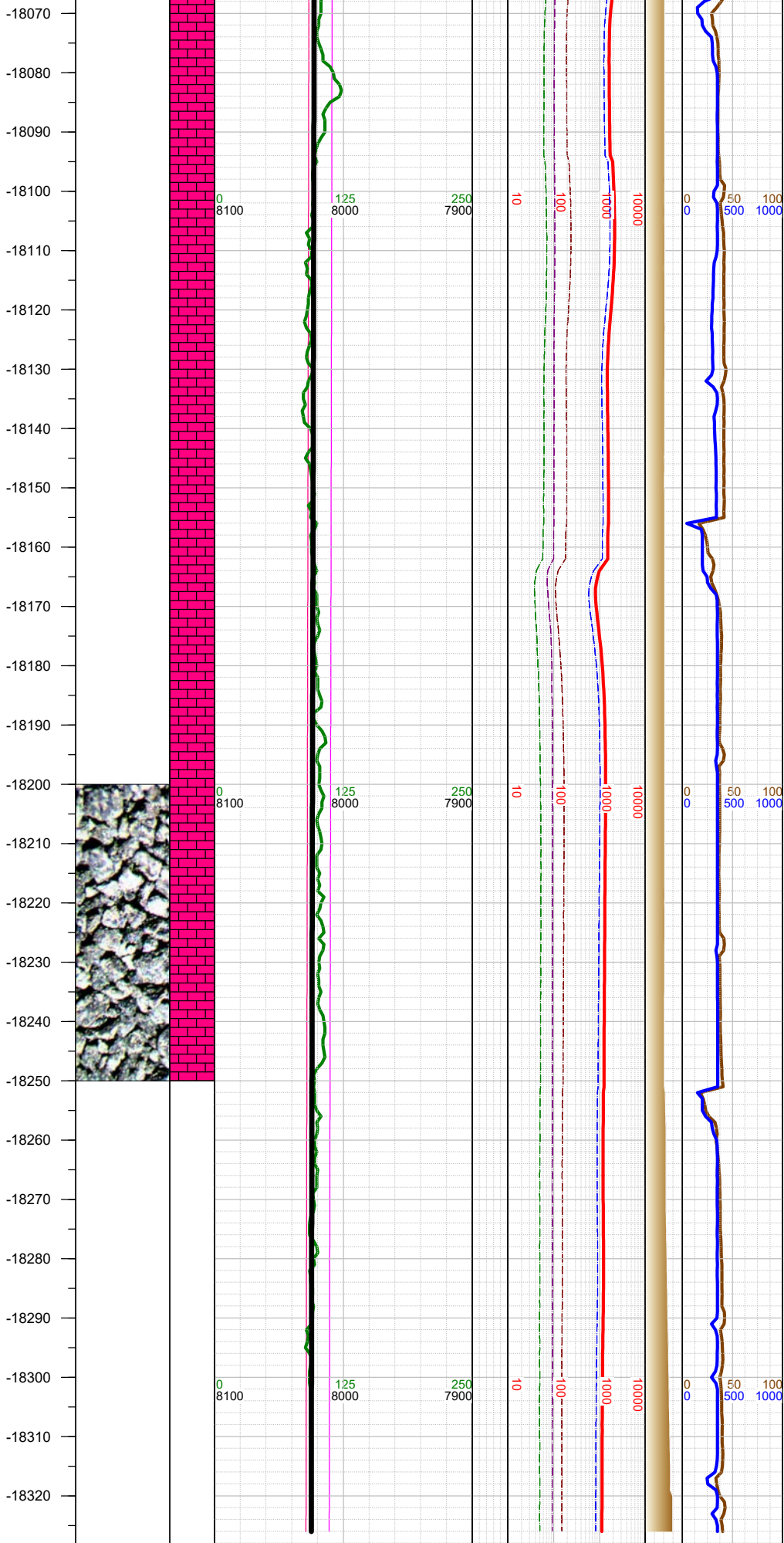
-17650 INC  
89.66, AZM  
178.42, TVD  
8018.93

-17700 WT 9.9,  
VIS 46

-17746 INC  
89.72, AZM  
177.92, TVD  
8019.45

-17750 CHK: med gy, sft-  
sbfrm, sbbkly, mot, rthy  
lstr, v calc; tr bent; tr pyr;  
MARL: dk gy-blk, sbbkly-  
sbply, sft-sbfrm, v calc,  
mod arg, sl silty; mod  
forams; tr fos frags;





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-18100 WT 9.9,  
VIS 45

-18127 INC  
89.37, AZM  
178.33, TVD  
8023.34

-18200 WT 9.9,  
VIS 45

-18222 INC  
89.48, AZM  
177.85, TVD  
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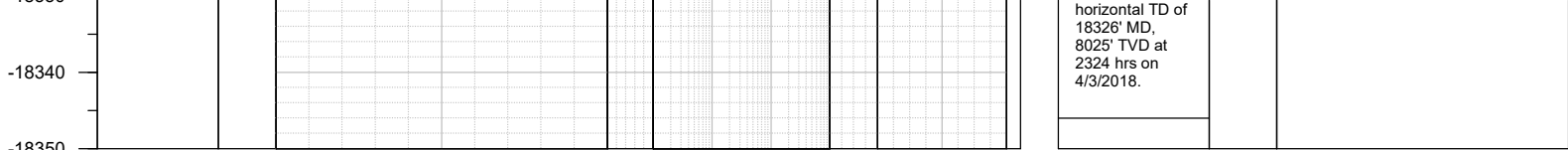
-18295 INC  
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177.54, TVD  
8024.85

-18310 WT 9.9,  
VIS 45

-18326 Reached

-18250 CHK: med gy, i/p  
gy, sbfrm, sbblky, mot, rthy  
lstr, v calc; MARL: dk gy-  
blk, sbblky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty; tr fos frags; tr forams;





TOTAL DEPTH = 18326'

Thank you for using Earth Science Agency