

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **Trott 7W-20-16N**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 901

API #: 05-123-45707

LAT/LONG: 40.324432, -105.040556

SURFACE HOLE: NESE S7-T4N-R68W, 1548' FSL, 1020' FEL

BOTTOM HOLE: S12-T4N-R69W, 426' FSL, 460' FWL

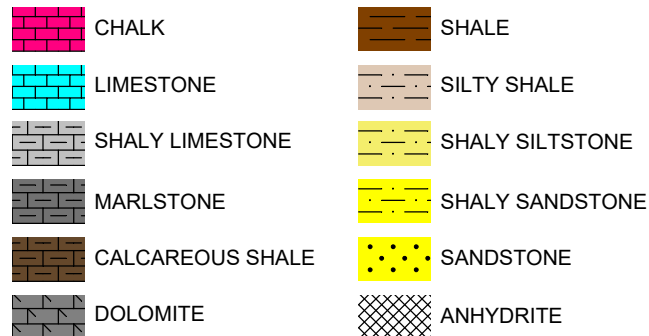


Earth Science Agency, LLC

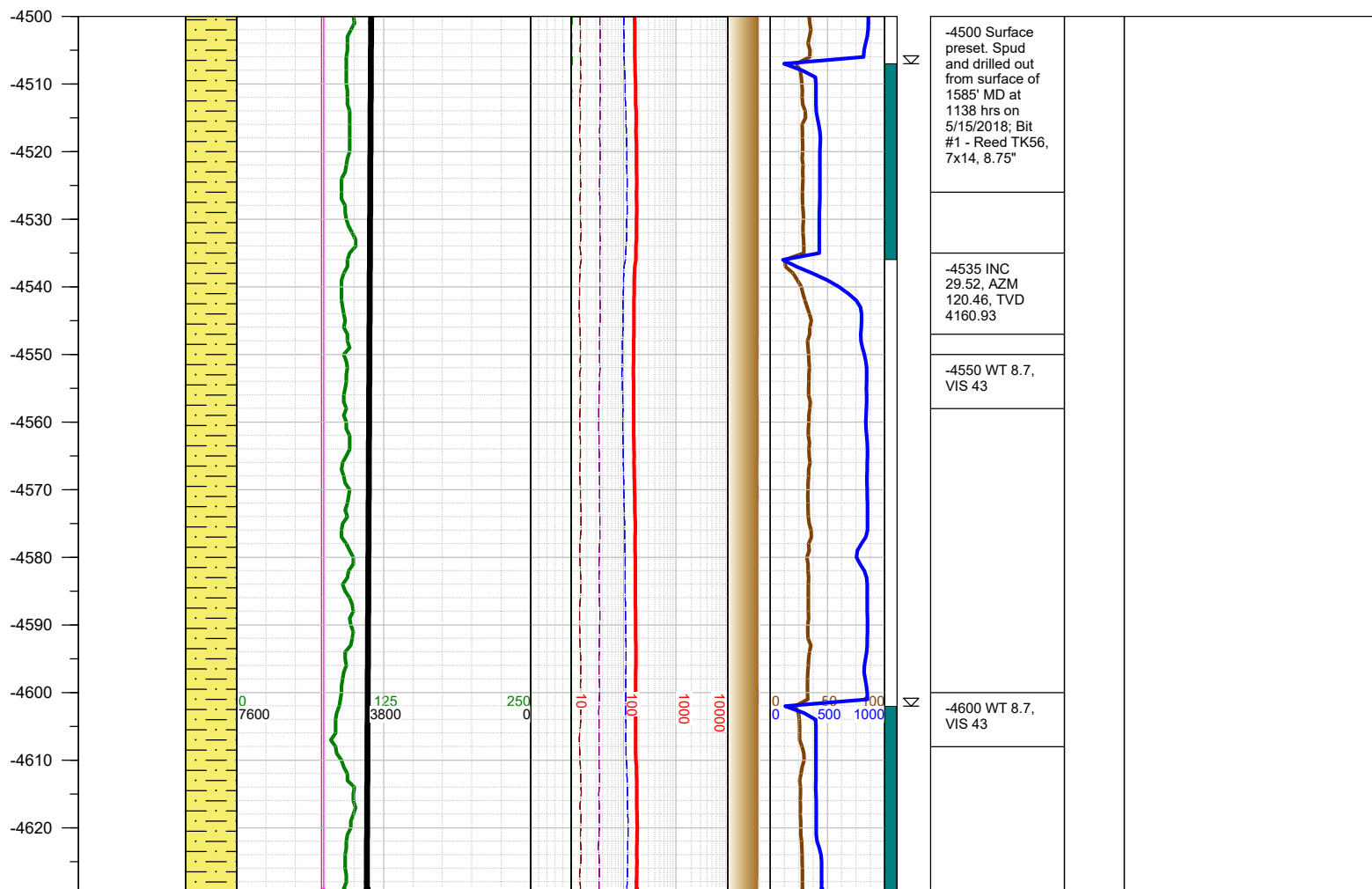
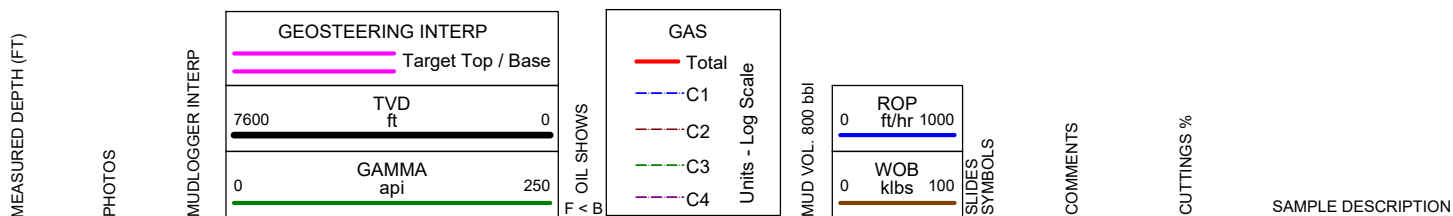
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5034'
KELLY BUSHING: 5063'
DRILLING FLUID: OBM
TVD VS. MD: 4968' / 15910'
SPUD DATE: May 15, 2018
TD DATE: May 18, 2018

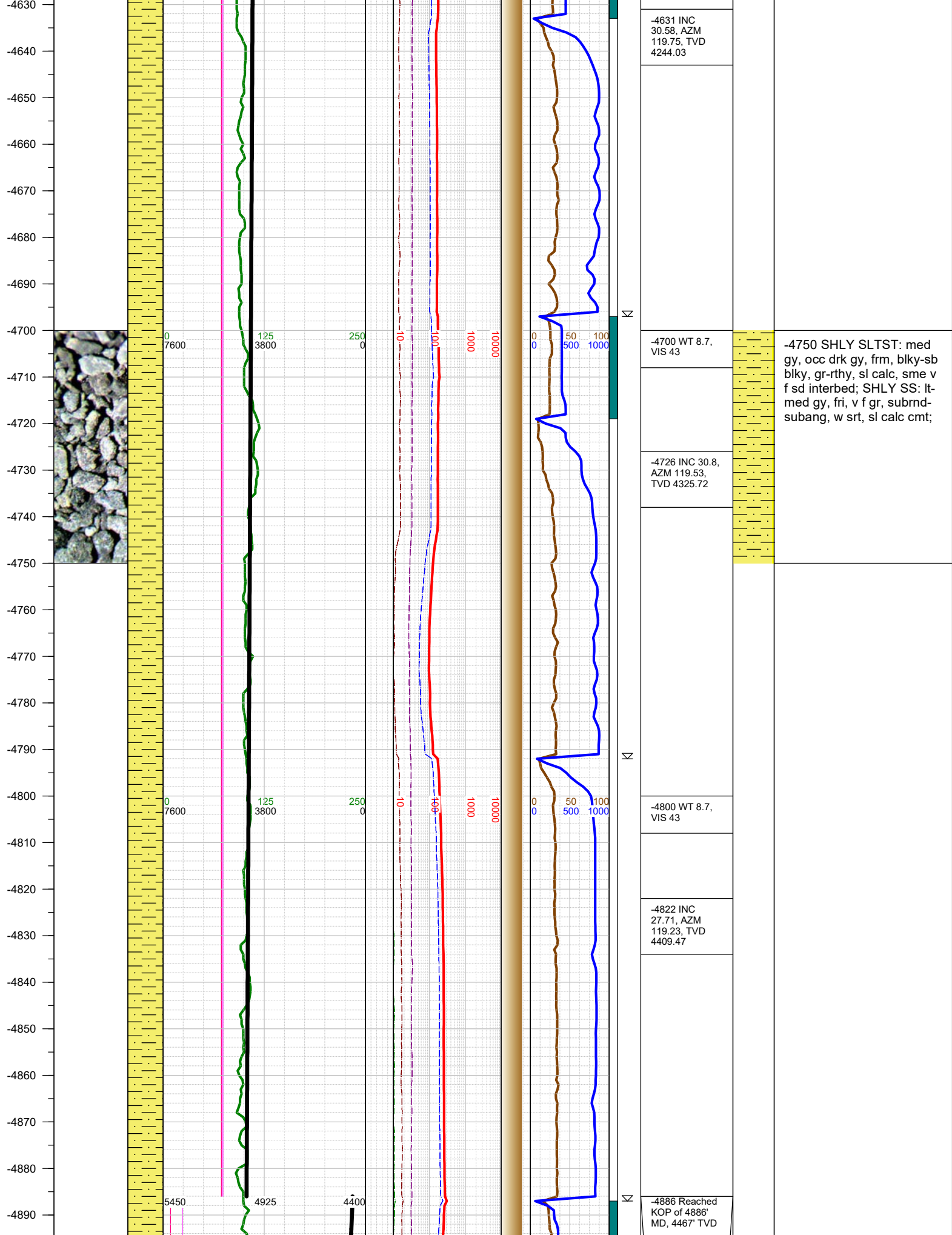
DEPTHS LOGGED: 4500' - 15910'
DATES LOGGED: May 15, 2018 - May 18, 2018
GEOLOGISTS: Dan Jacobs, Levi Heintzelman
SCALE: 5" = 100'

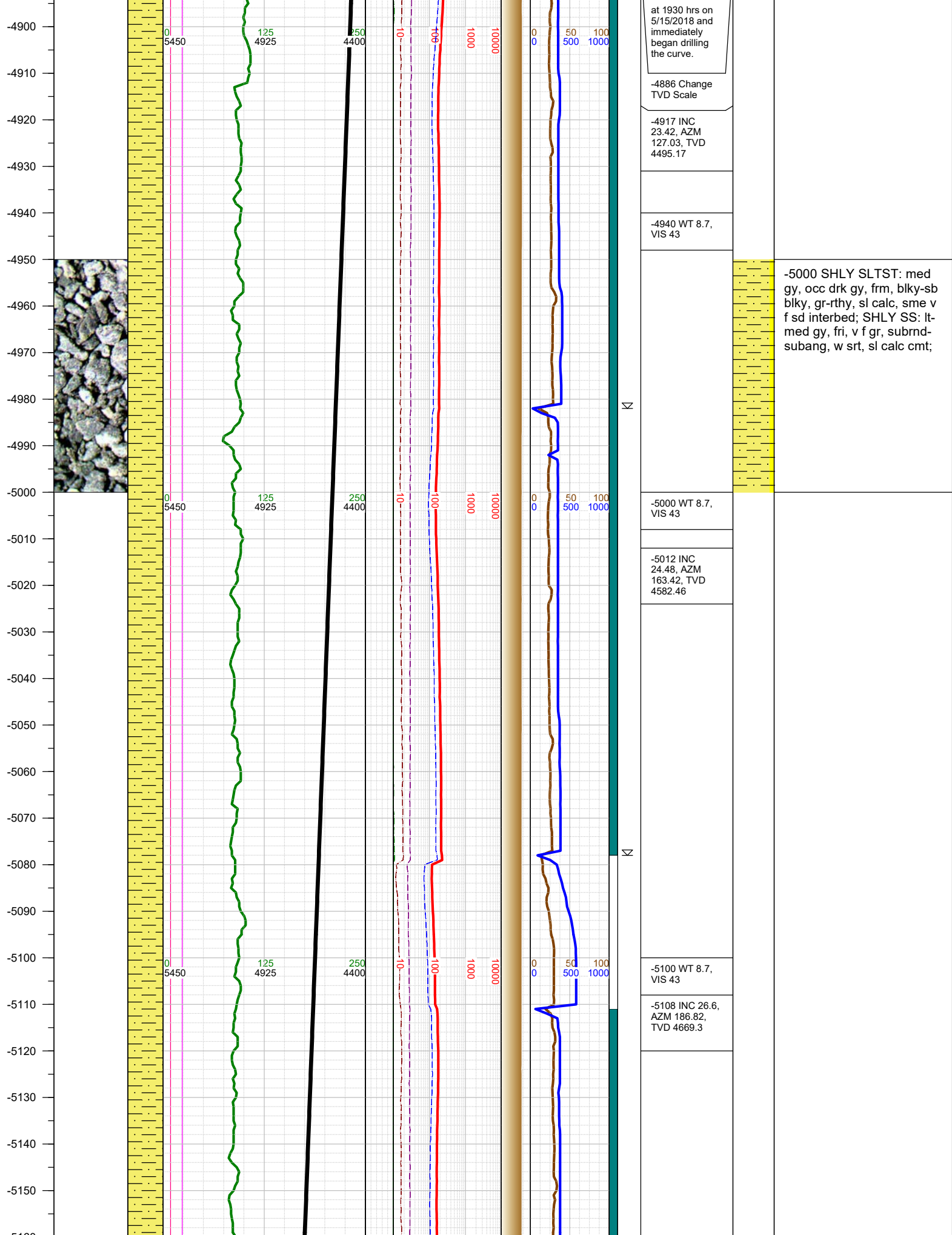
LEGEND



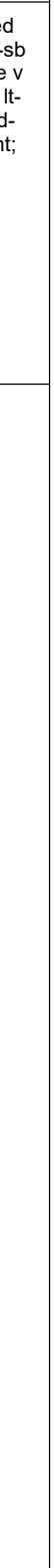
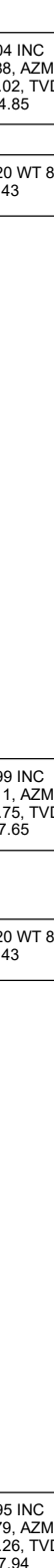
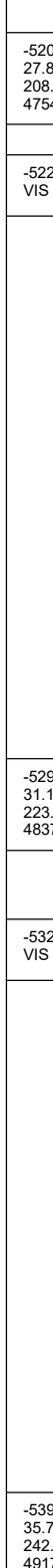
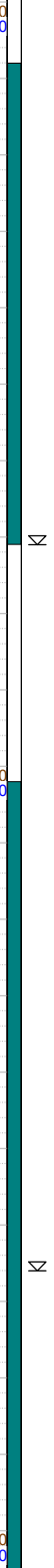
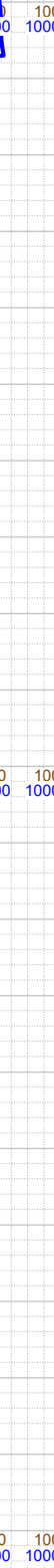
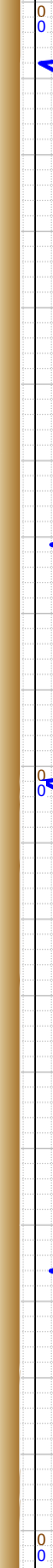
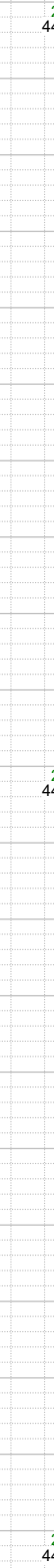
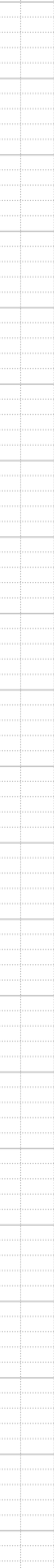
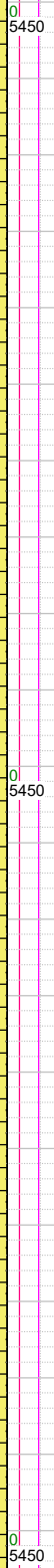
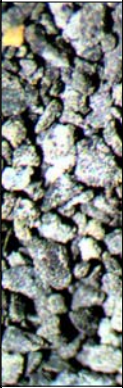
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT







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-5420



-5204 INC
27.88, AZM
208.02, TVD
4754.85

-5220 WT 8.7,
VIS 43

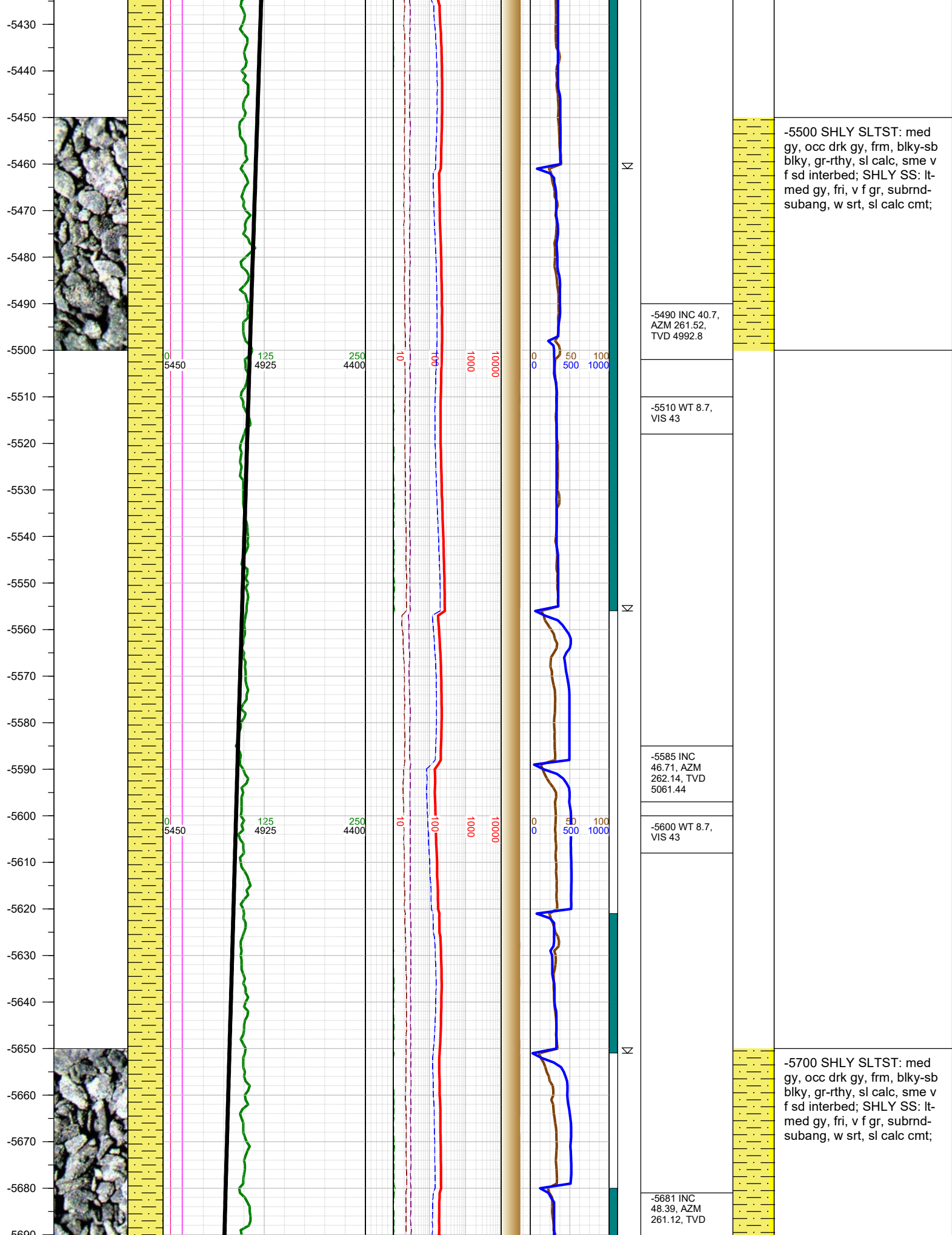
-5299 INC
31.11, AZM
223.75, TVD
4837.65

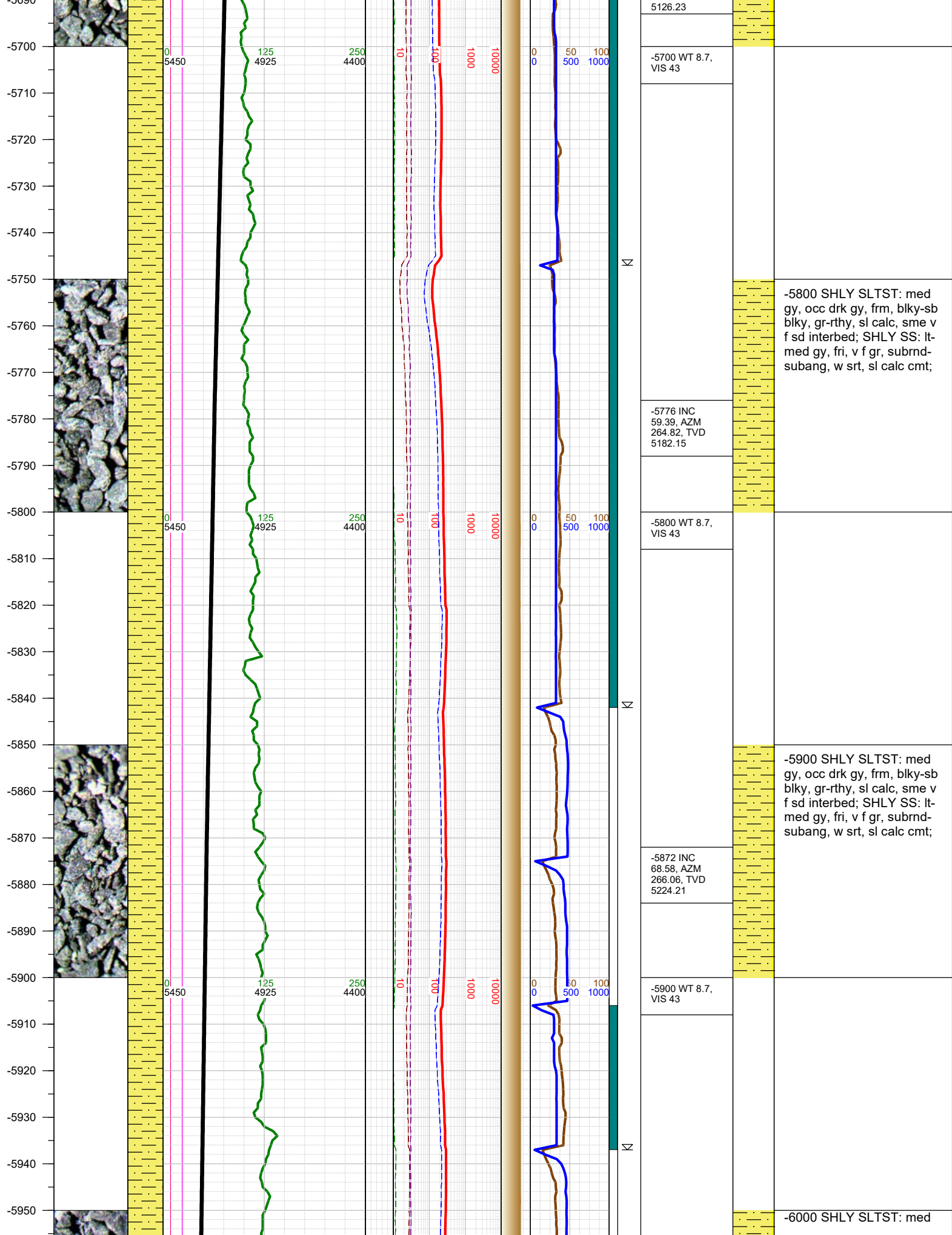
-5320 WT 8.7,
VIS 43

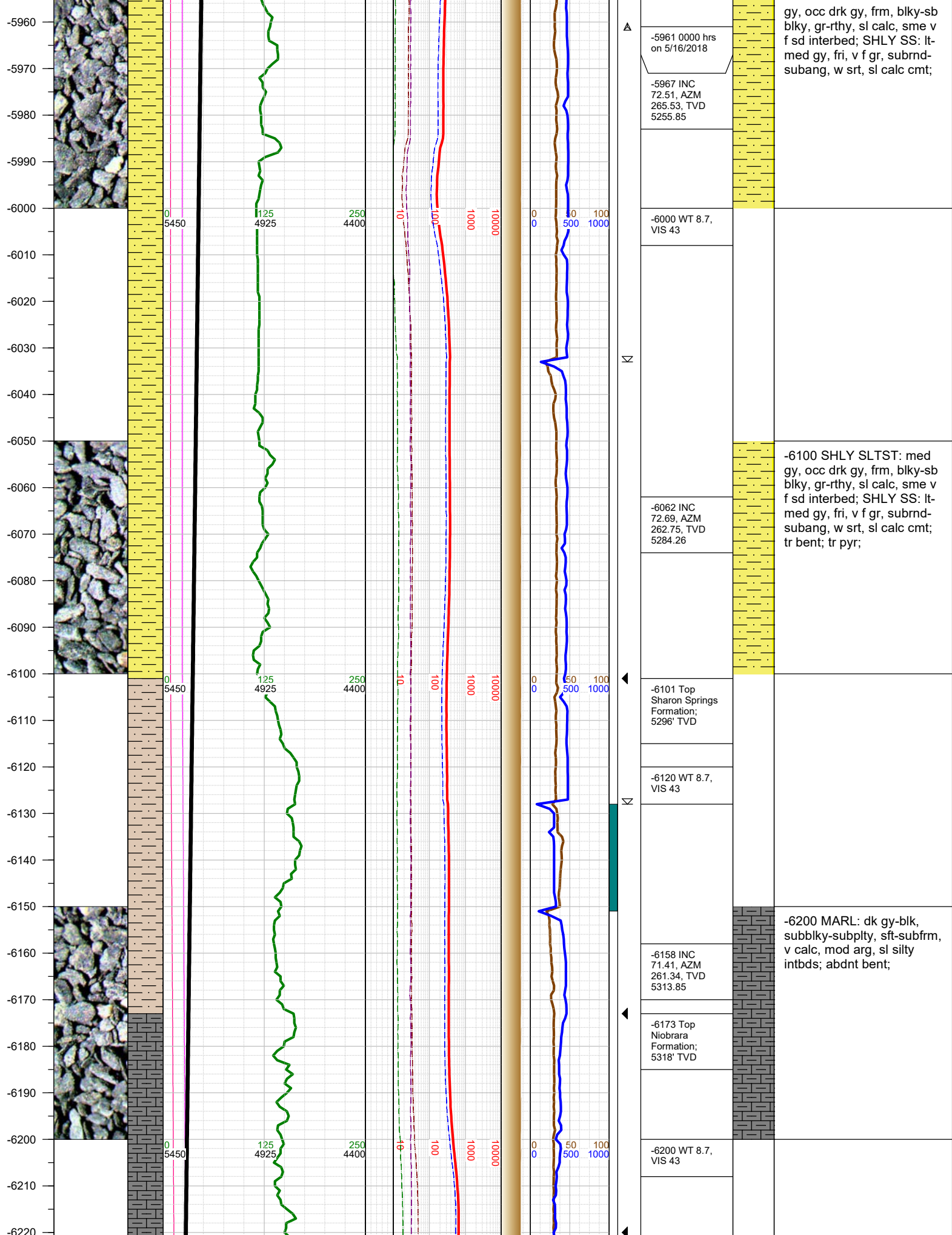
-5395 INC
35.79, AZM
242.26, TVD
4917.94

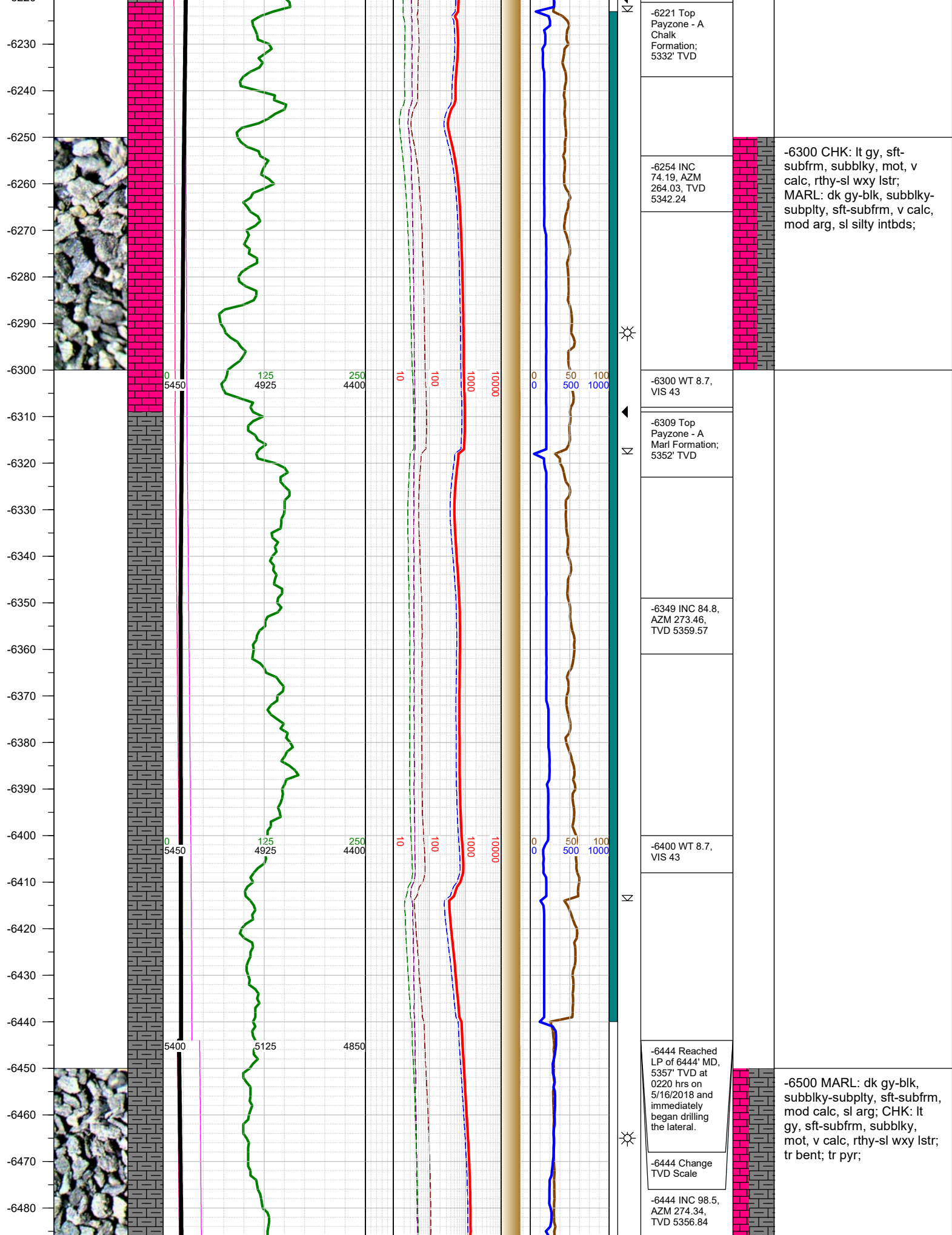
-5410 WT 8.7,
VIS 43

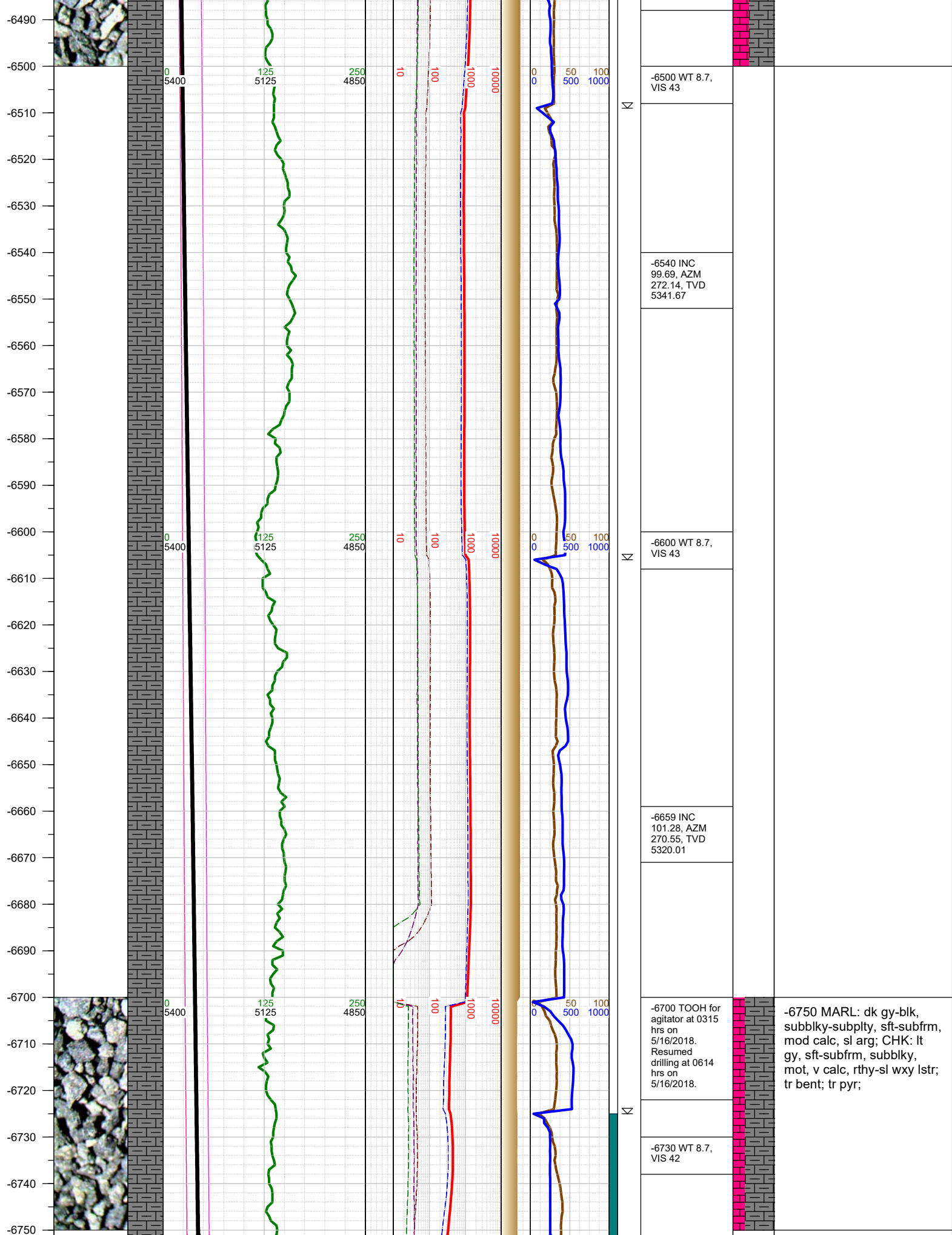
-5250 SHLY SLTST: med
gy, occ drk gy, frm, blk-y-sb
blk-y, gr-rthy, sl calc, sme v
f sd interbed; SHLY SS: lt-
med gy, fri, v f gr, subrnd-
subang, w srt, sl calc cmt;











-6500 WT 8.7,
VIS 43

-6540 INC
99.69, AZM
272.14, TVD
5341.67

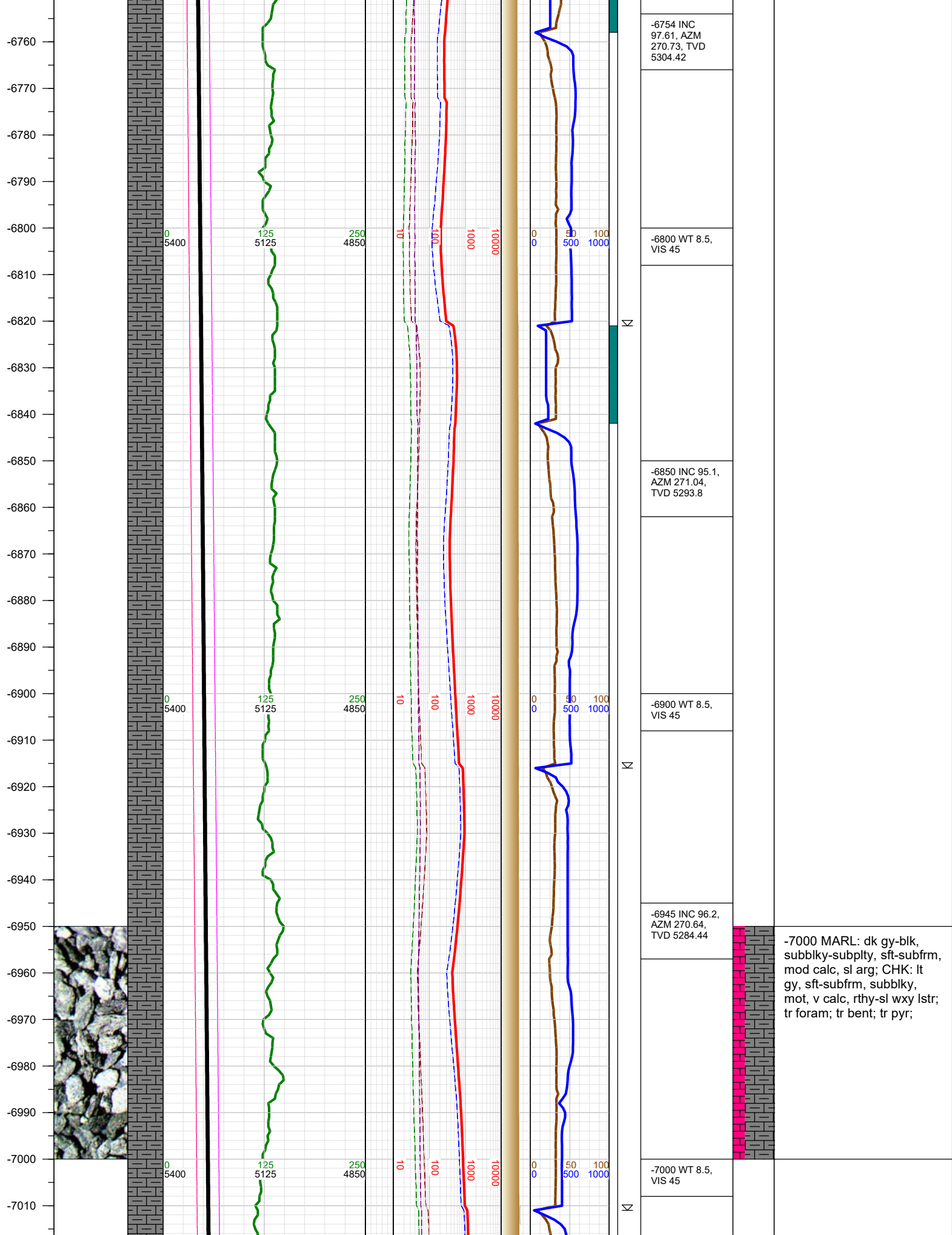
-6600 WT 8.7,
VIS 43

-6659 INC
101.28, AZM
270.55, TVD
5320.01

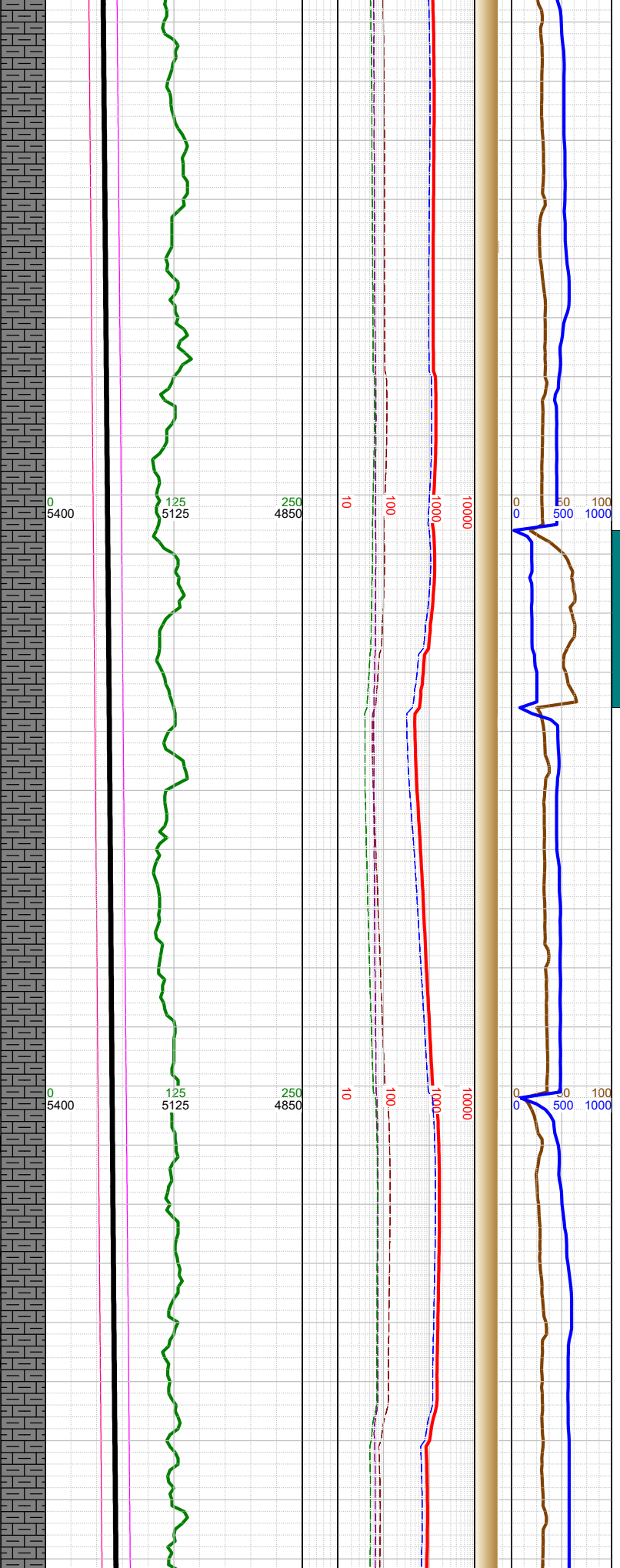
-6700 TOO H for
agitator at 0315
hrs on
5/16/2018.
Resumed
drilling at 0614
hrs on
5/16/2018.

-6730 WT 8.7,
VIS 42

-6750 MARL: dk gy-blk,
subbly-subplty, sft-subfrm,
mod calc, sl arg; CHK: lt
gy, sft-subfrm, subbly,
mot, v calc, rthy-sl wxy lstr;
tr bent; tr pyr;



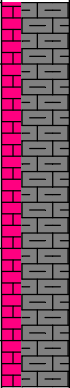
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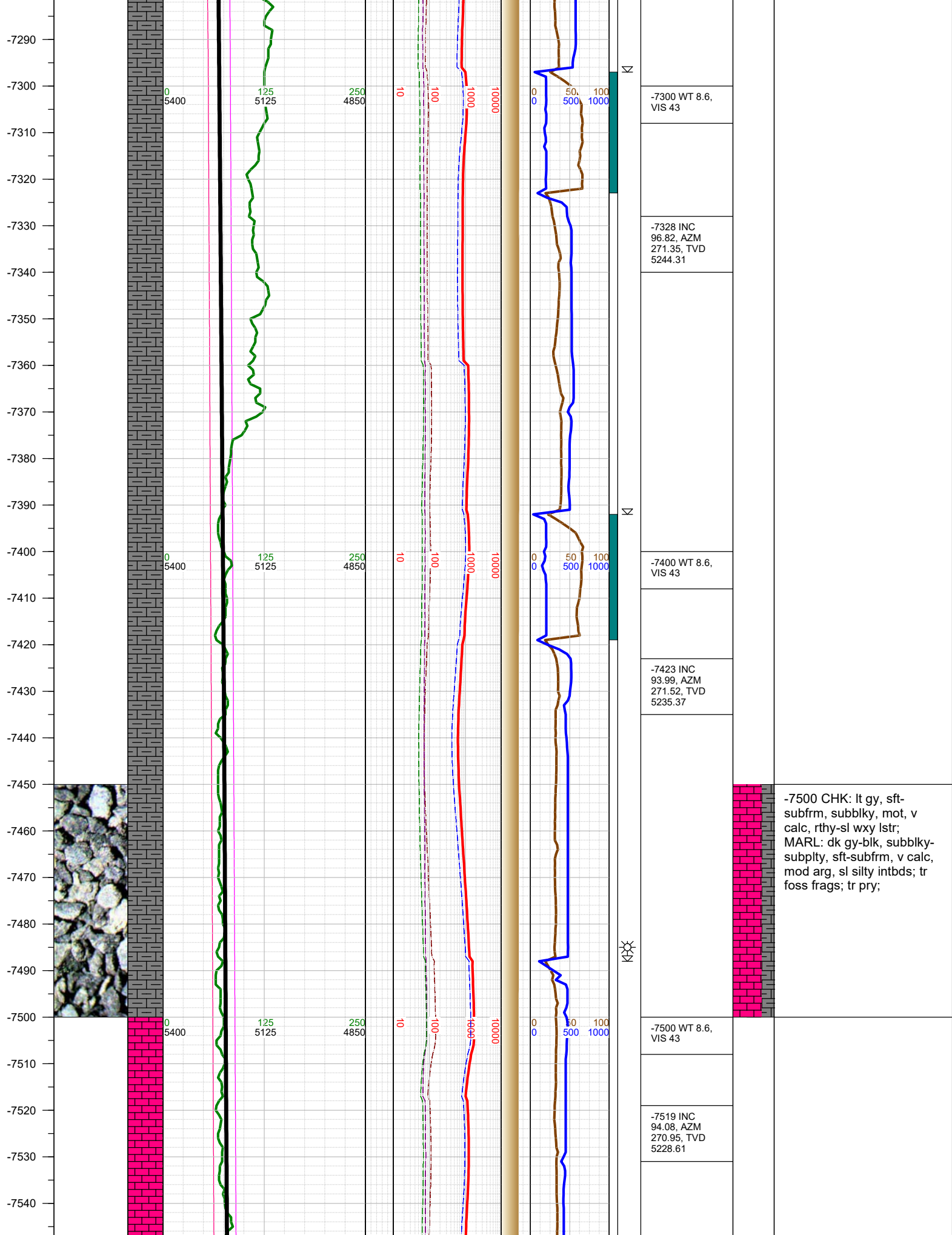
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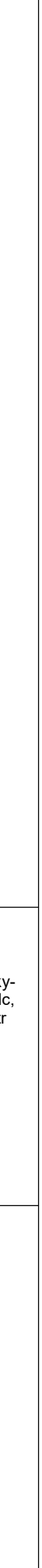
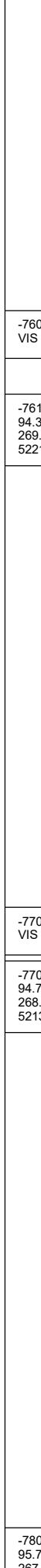
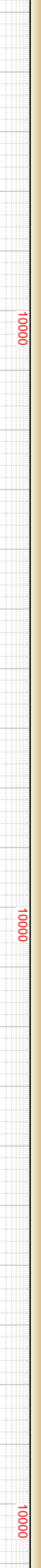
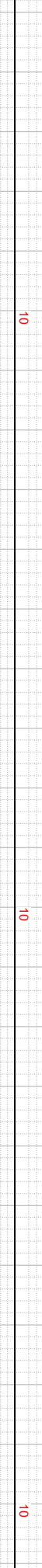
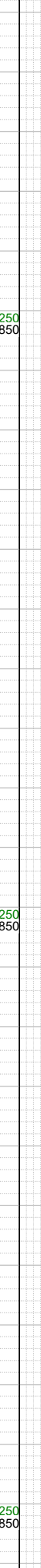
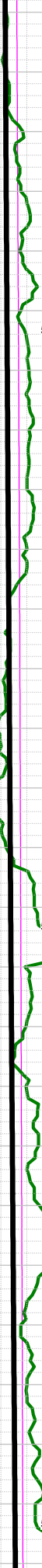
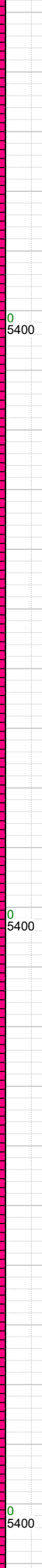
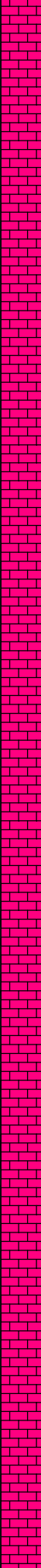
-7041 INC 96.51, AZM 268.53, TVD 5273.82
-7100 WT 8.6, VIS 43
-7137 INC 95.71, AZM 270.64, TVD 5263.6
-7200 WT 8.6, VIS 43
-7232 INC 95.32, AZM 269.14, TVD 5254.47



-7250 MARL: dk gy-blk,
subblky-subplty, sft-subfrm,
mod calc, sl arg; CHK: lt
gy, sft-subfrm, subblky,
mot, v calc, rthy-sl wxy lstr;
tr foram; tr bent; tr pyr;



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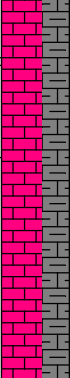
-7600 WT 8.6,
VIS 43

-7614 INC
94.39, AZM
269.54, TVD
5221.6

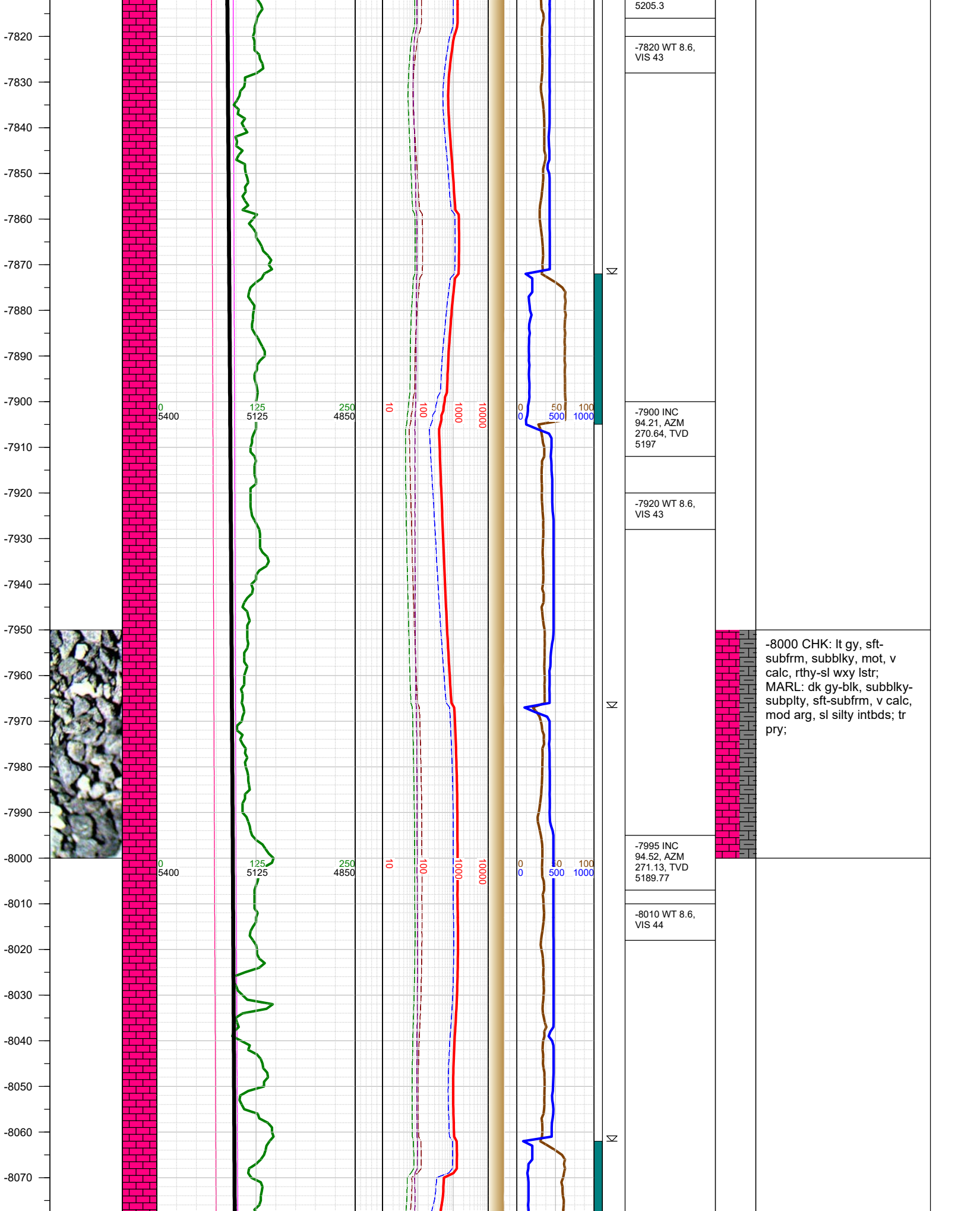
-7700 WT 8.6,
VIS 43

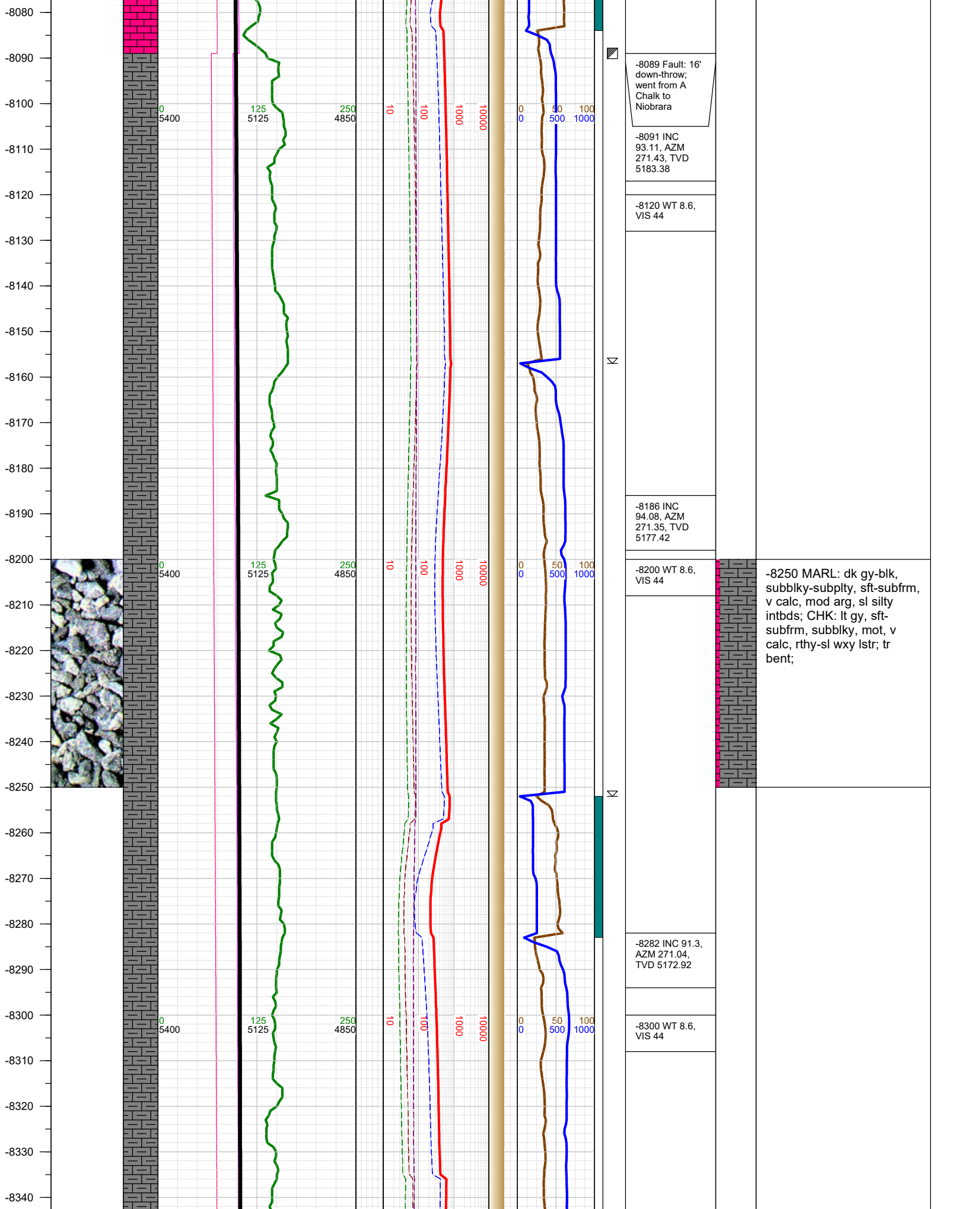
-7709 INC
94.79, AZM
268.66, TVD
5213.99

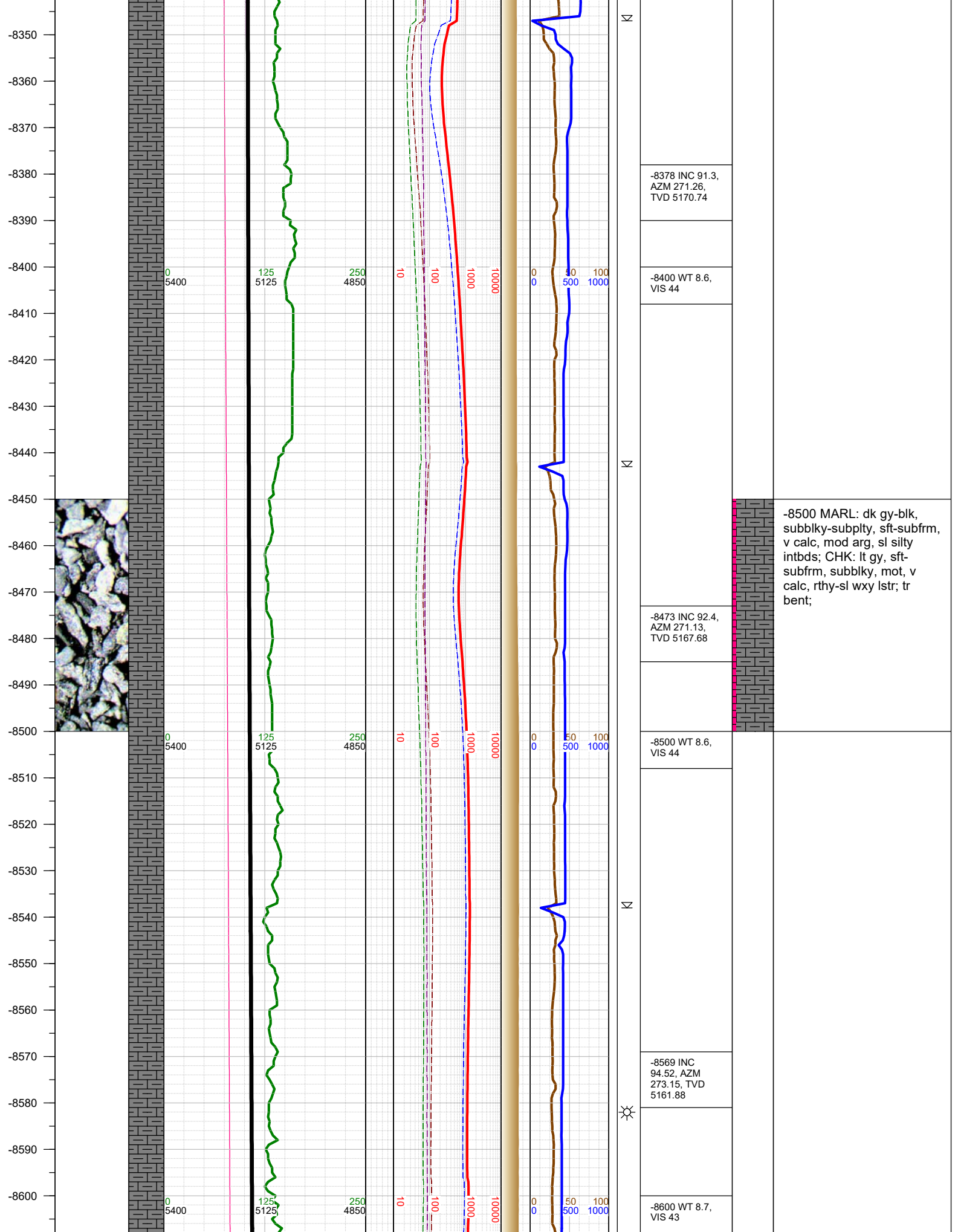
-7804 INC
95.71, AZM
267.73, TVD

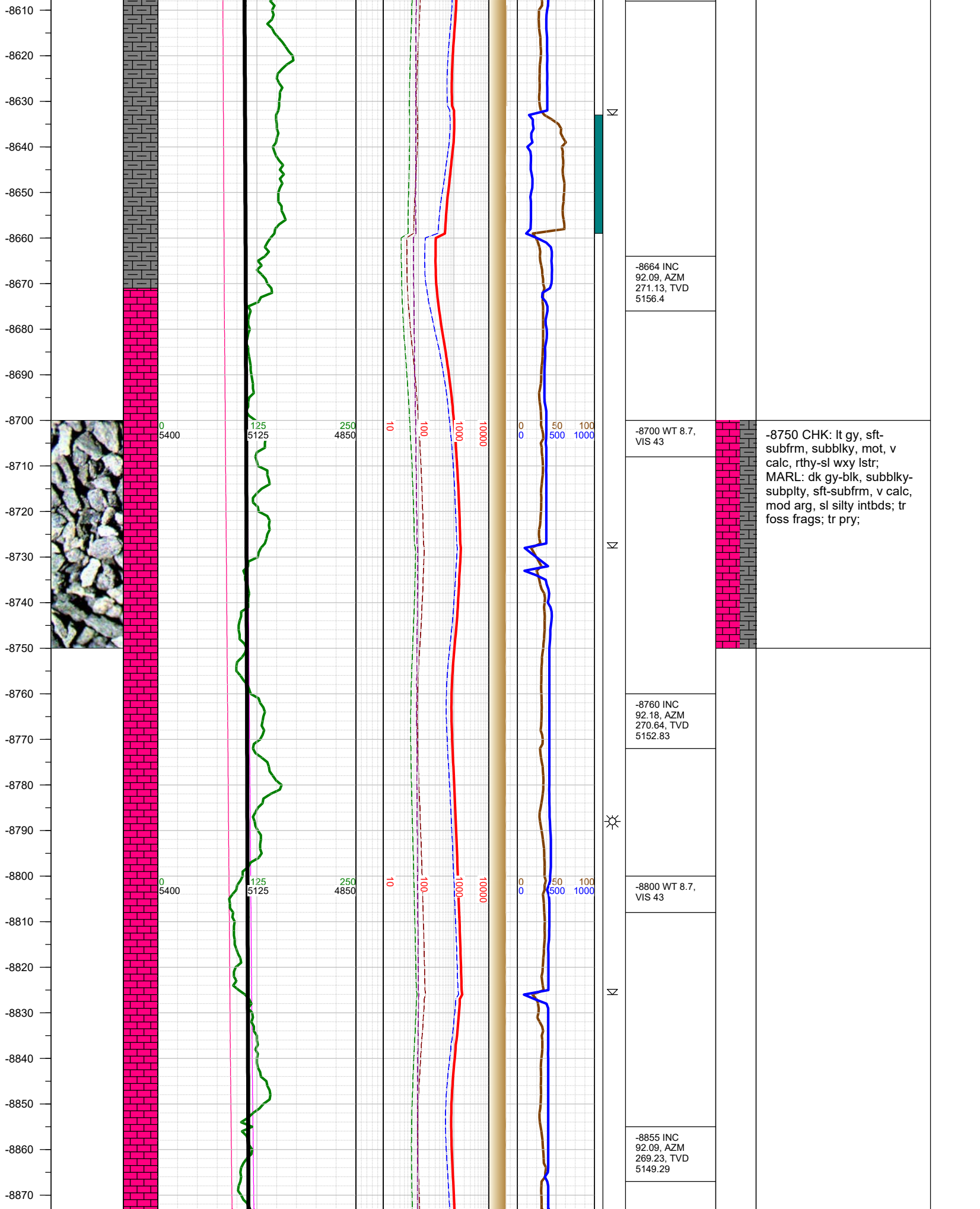


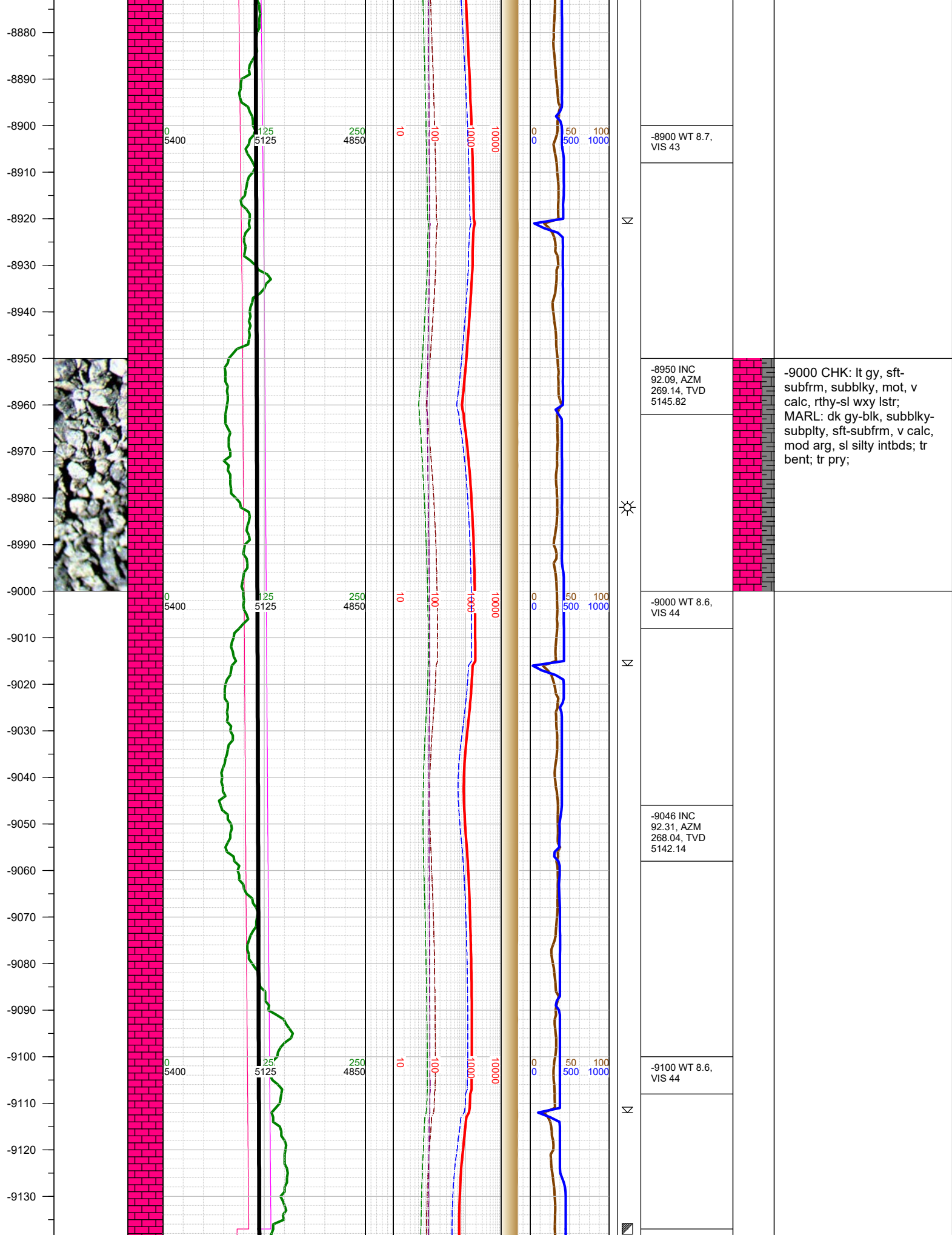
-7750 CHK: lt gy, sft-
subfrm, subblky, mot, v
calc, rthy-sl wxy lstr;
MARL: dk gy-blk, subblky-
subplty, sft-subfrm, v calc,
mod arg, sl silty intbds; tr
pry;

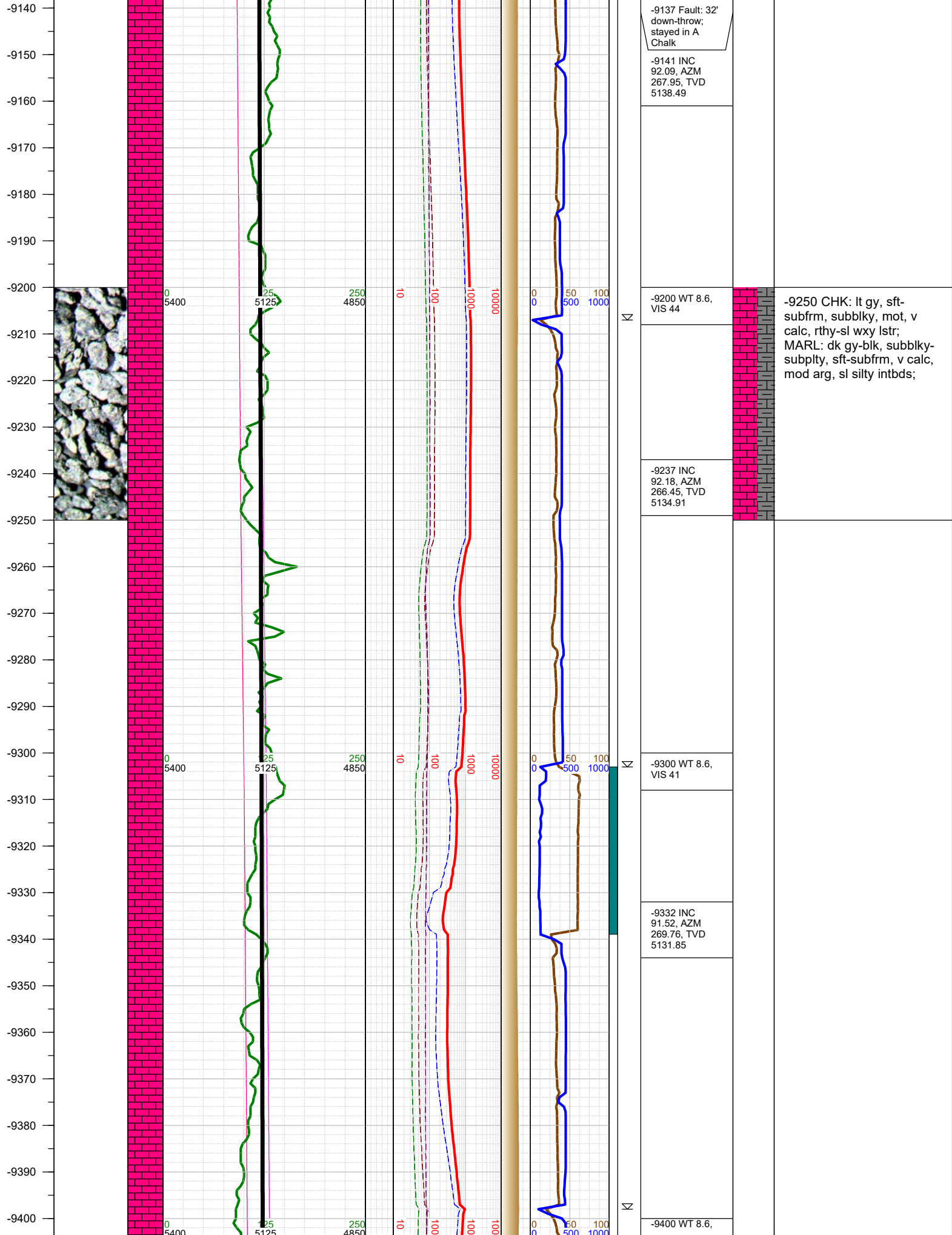


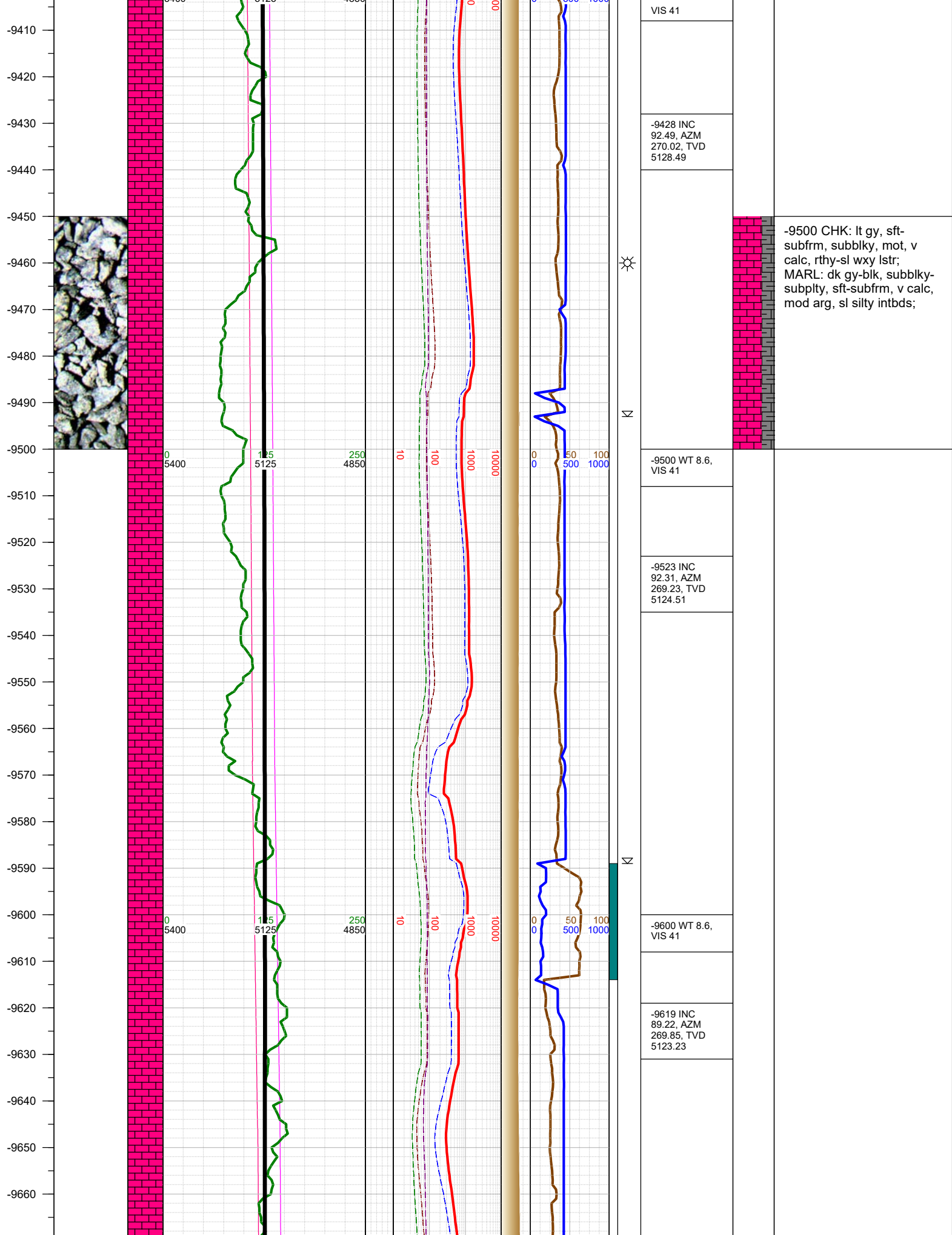


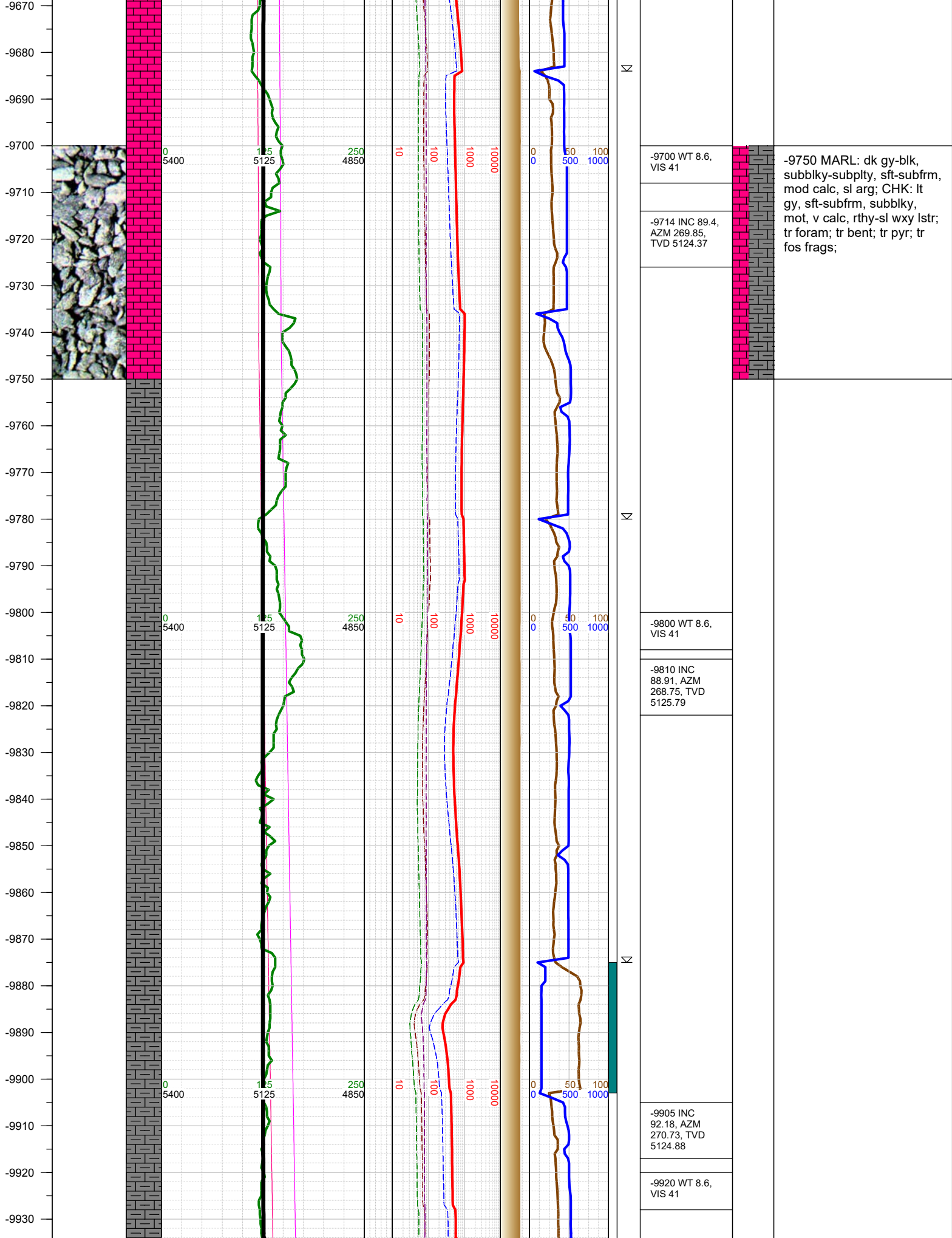


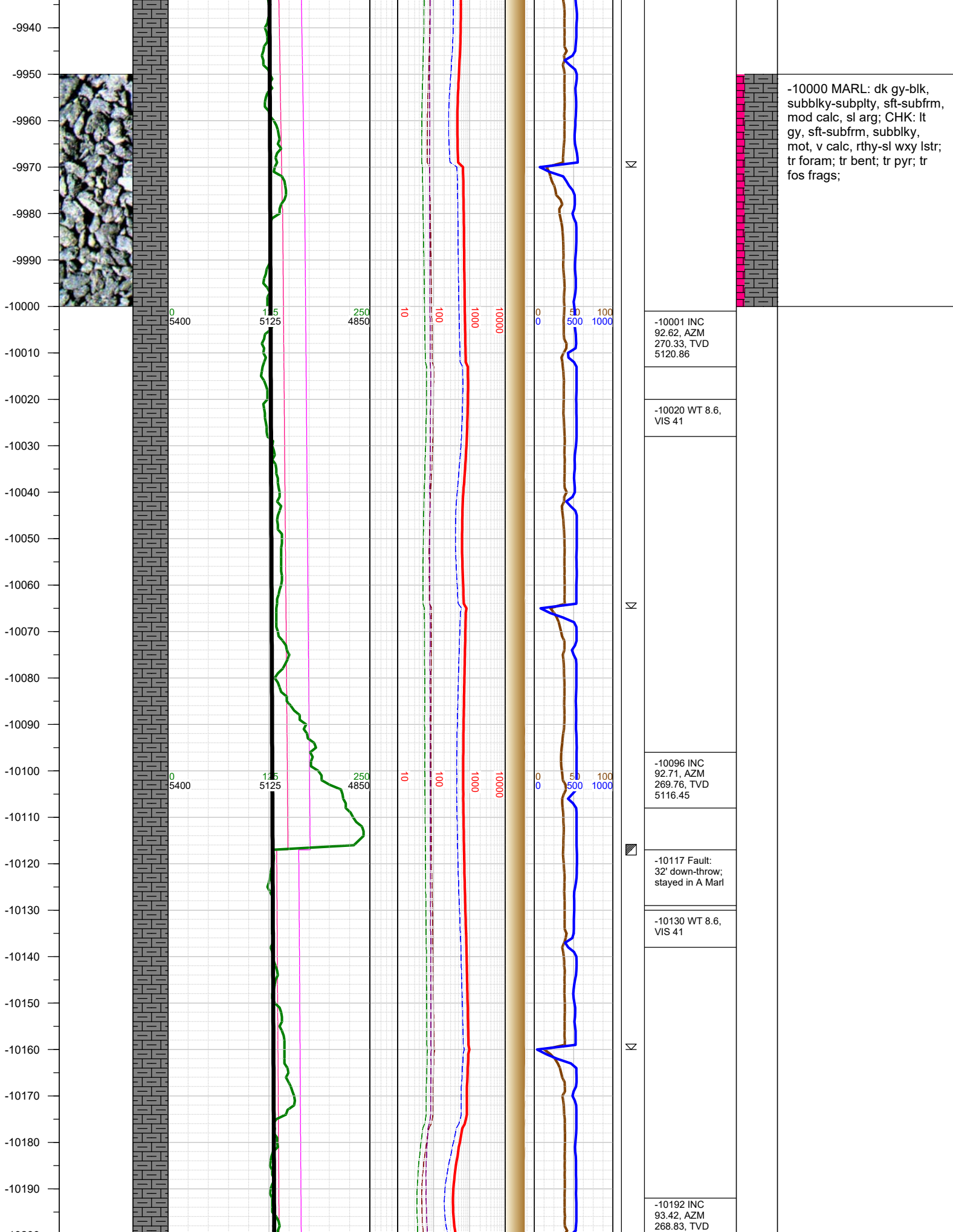


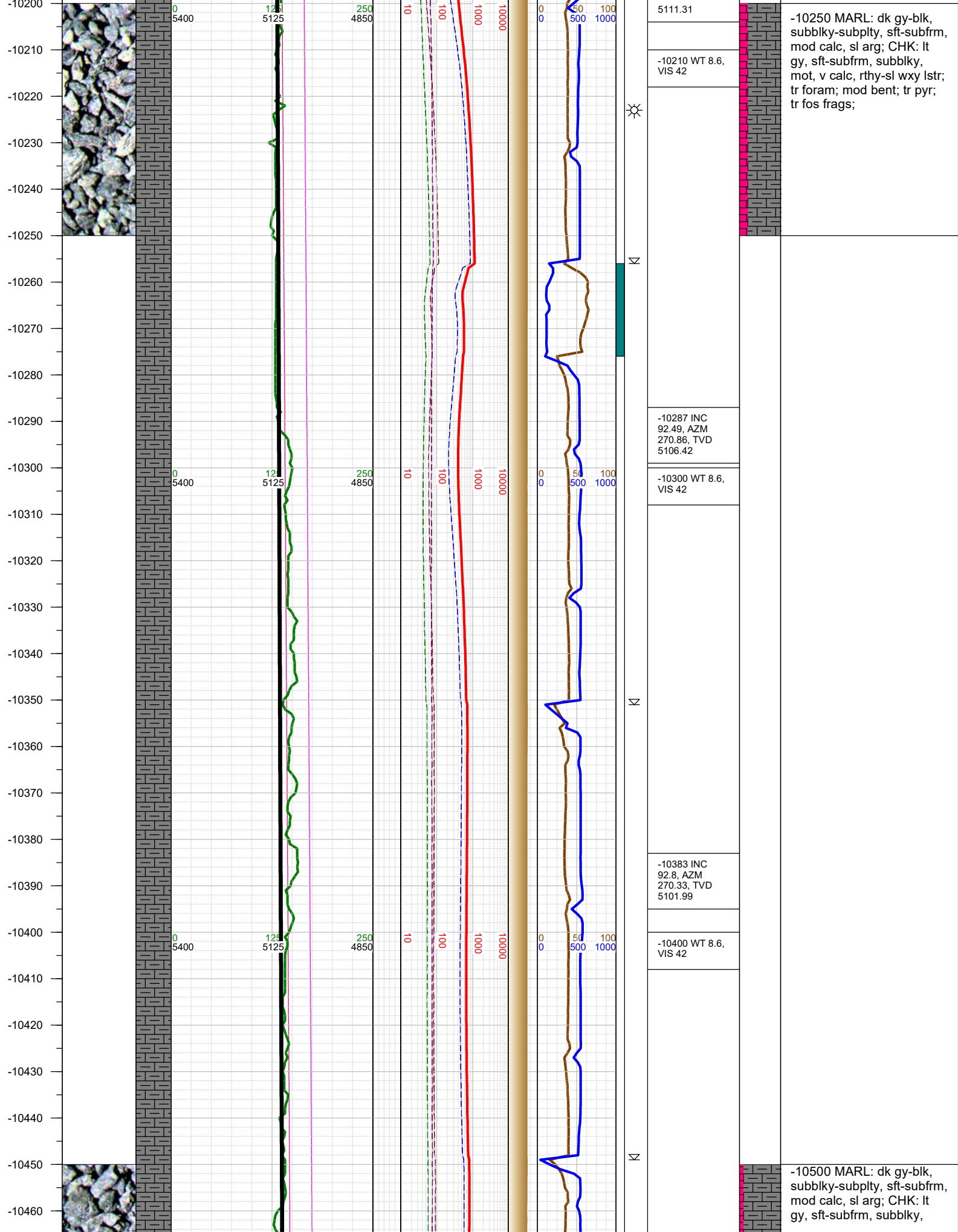


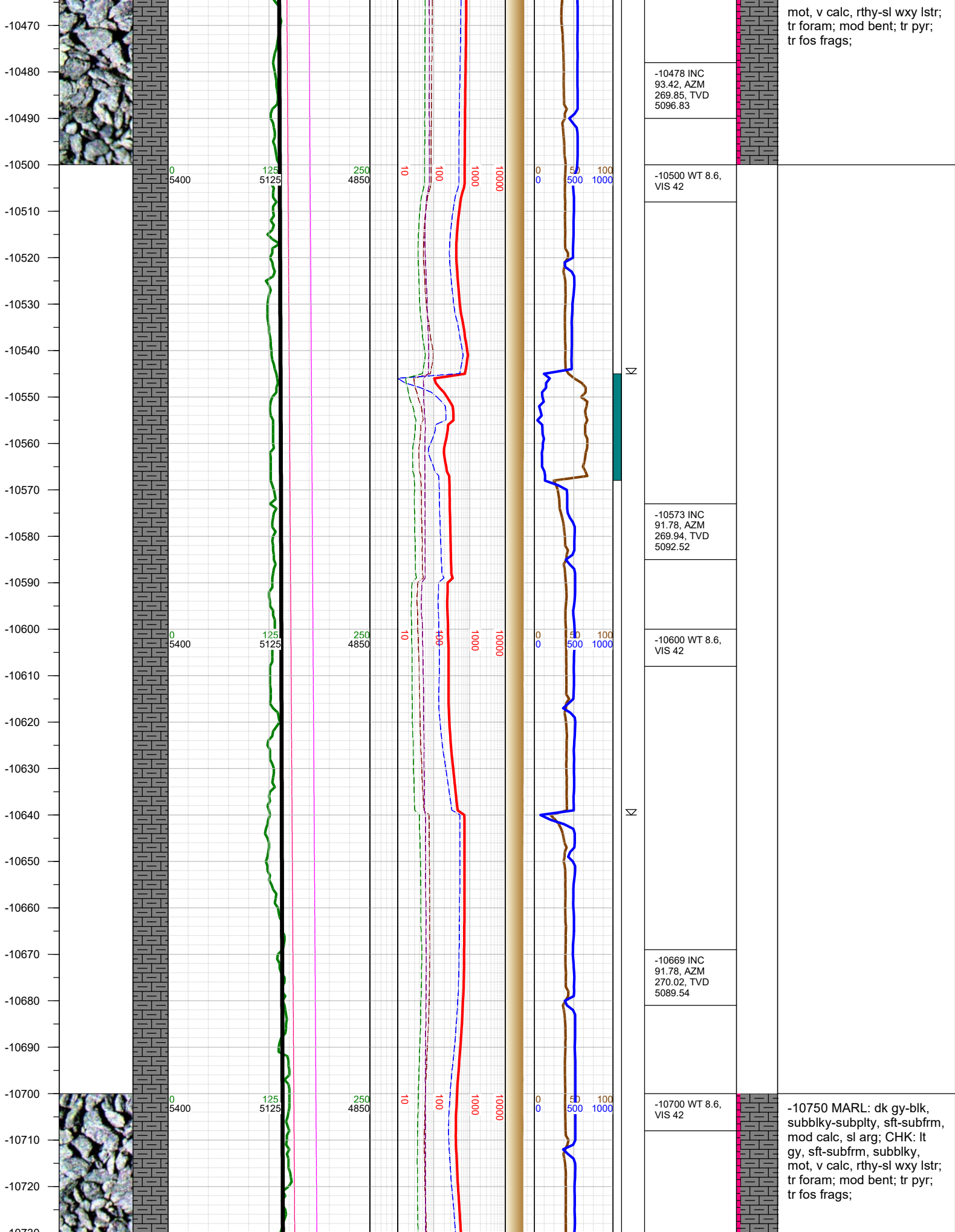


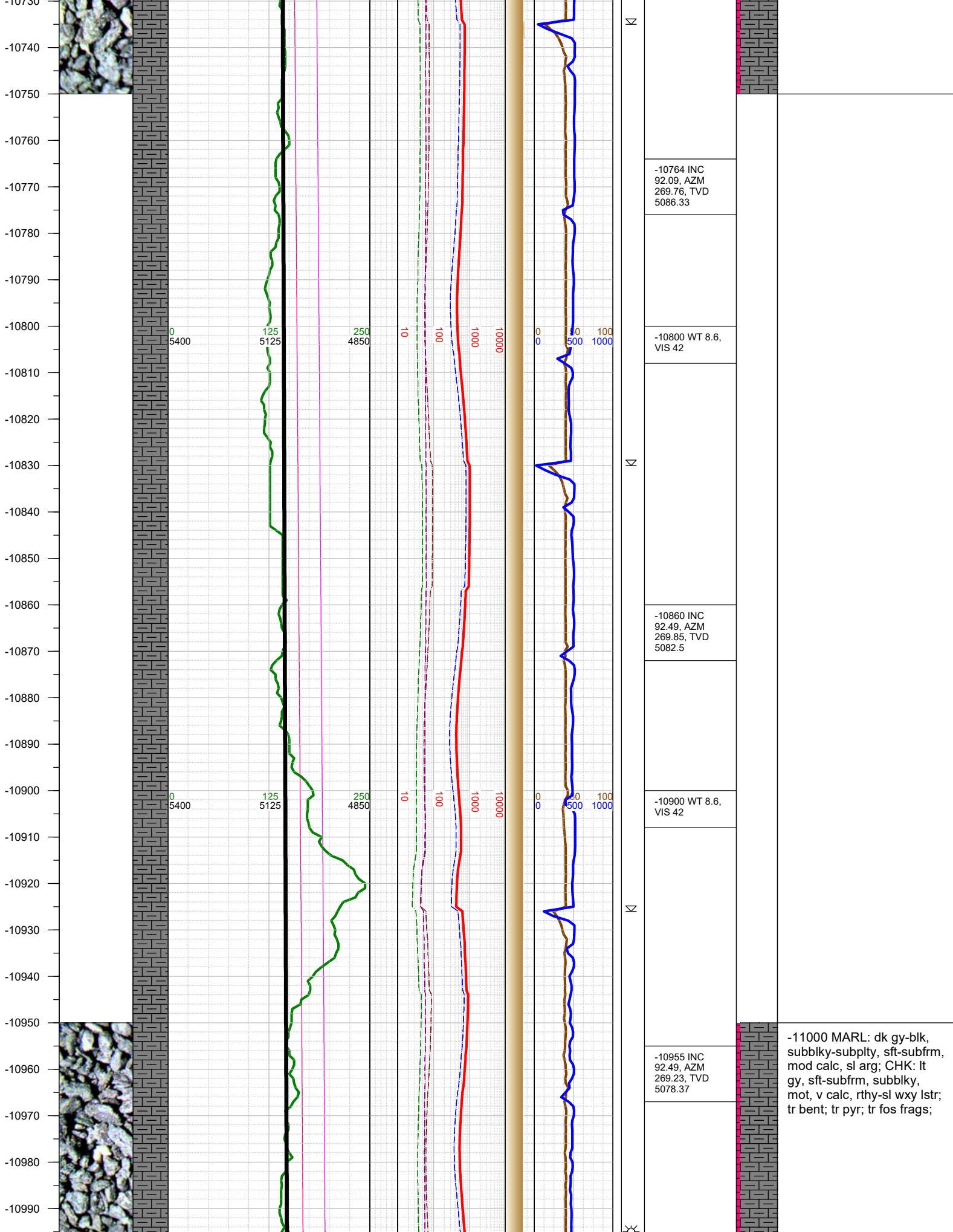












-10764 INC
92.09, AZM
269.76, TVD
5086.33

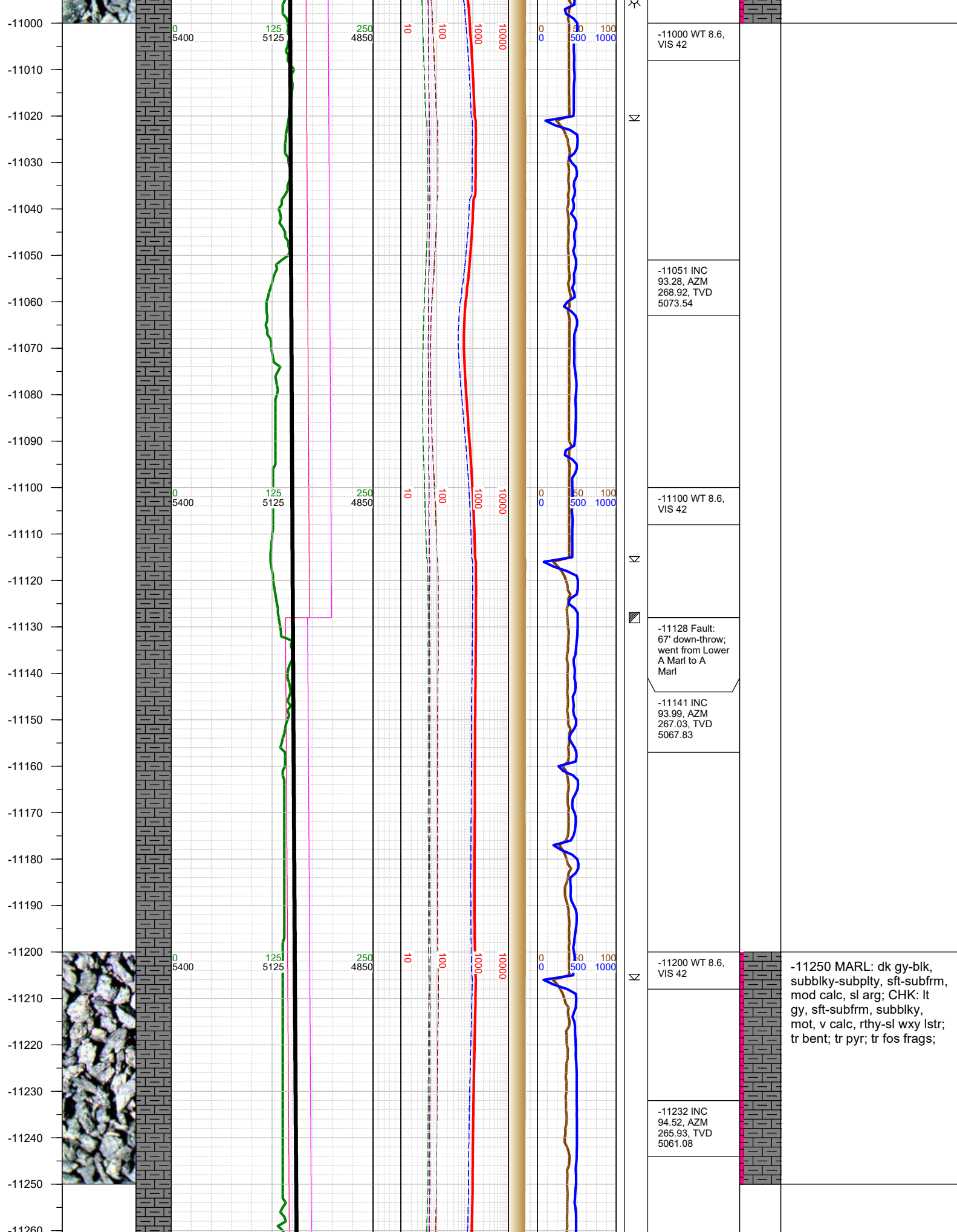
-10800 WT 8.6,
VIS 42

-10860 INC
92.49, AZM
269.85, TVD
5082.5

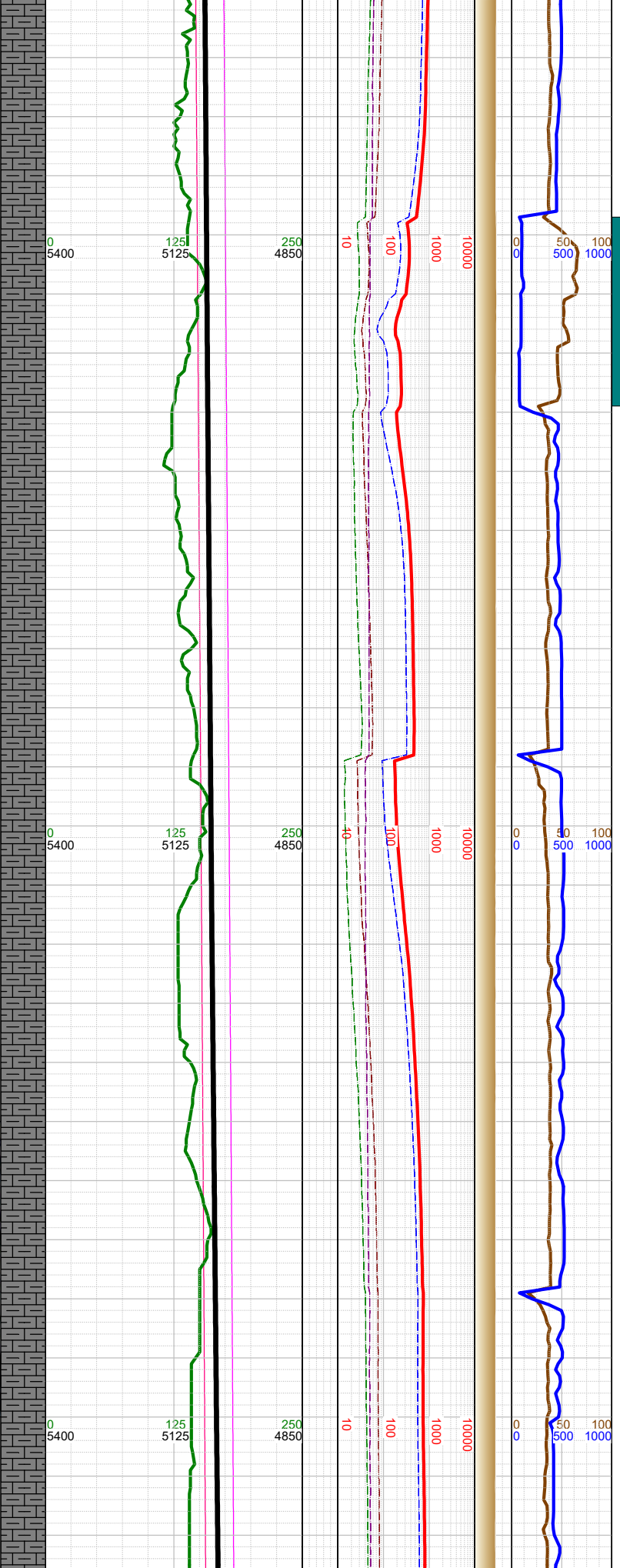
-10900 WT 8.6,
VIS 42

-10955 INC
92.49, AZM
269.23, TVD
5078.37

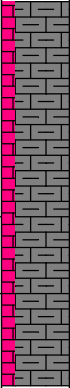
-11000 MARL: dk gy-blk,
subblky-subplty, sft-subfrm,
mod calc, sl arg; CHK: lt
gy, sft-subfrm, subblky,
mot, v calc, rthy-sl wxy lstr;
tr bent; tr pyr; tr fos frags;



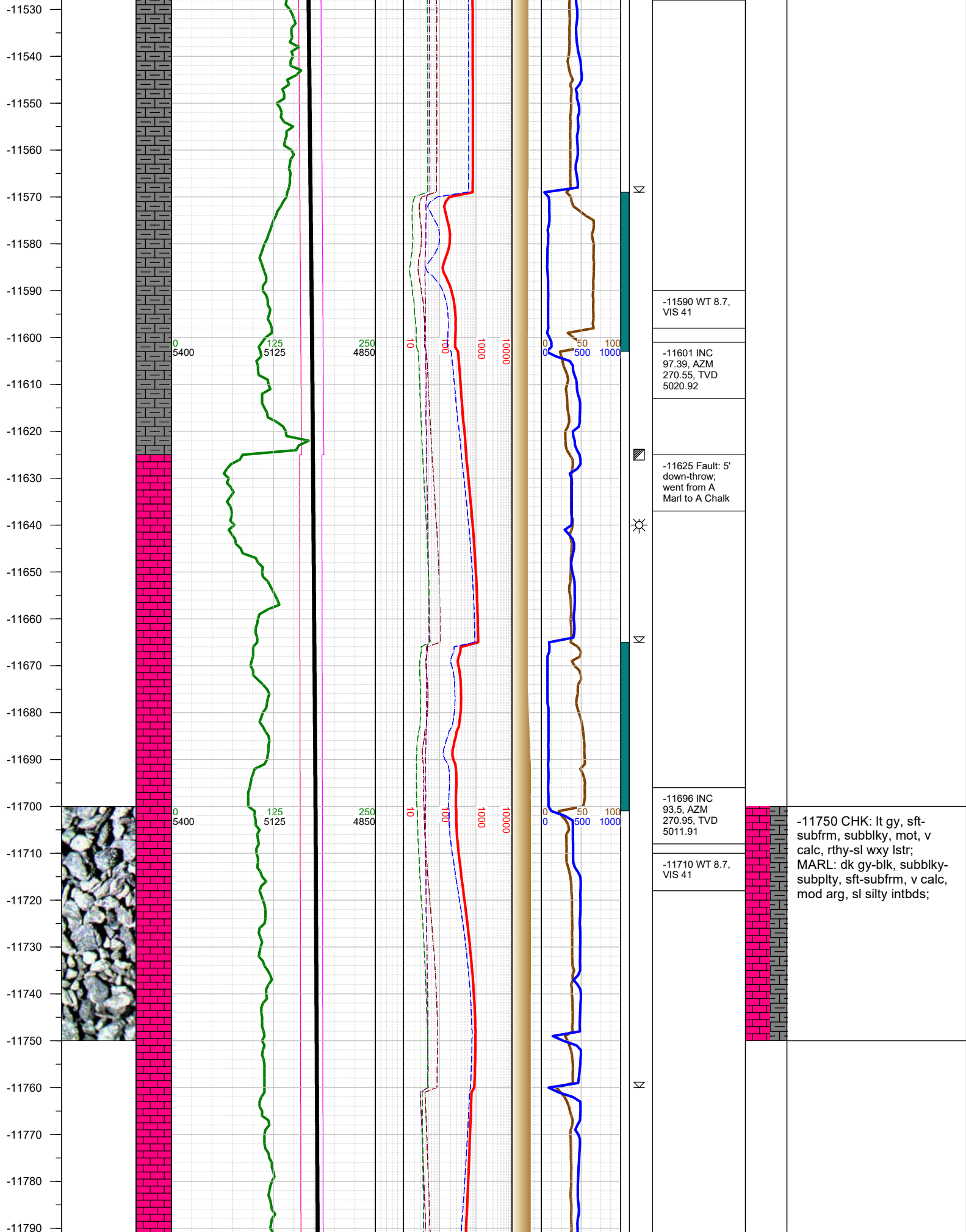
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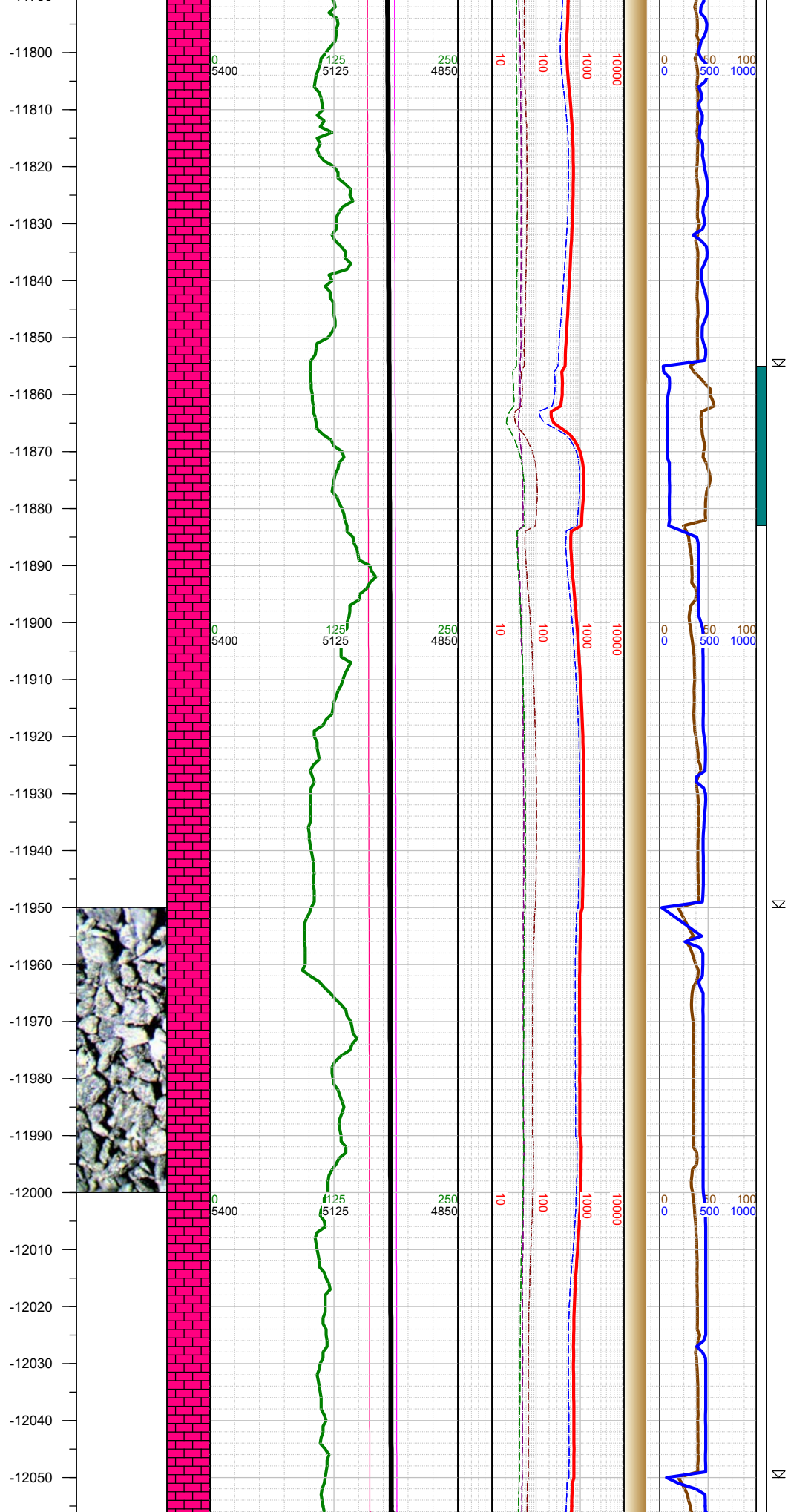


Σ		-11300 WT 8.6, VIS 42
Σ		-11324 INC 95.18, AZM 268.83, TVD 5053.3
Σ		-11400 WT 8.6, VIS 41
Σ		-11415 INC 96.2, AZM 268.66, TVD 5044.28
Σ		-11478 0000 hrs on 5/17/2018
Σ		-11505 INC 97.61, AZM 267.34, TVD 5033.46
Σ		-11520 WT 8.6, VIS 41



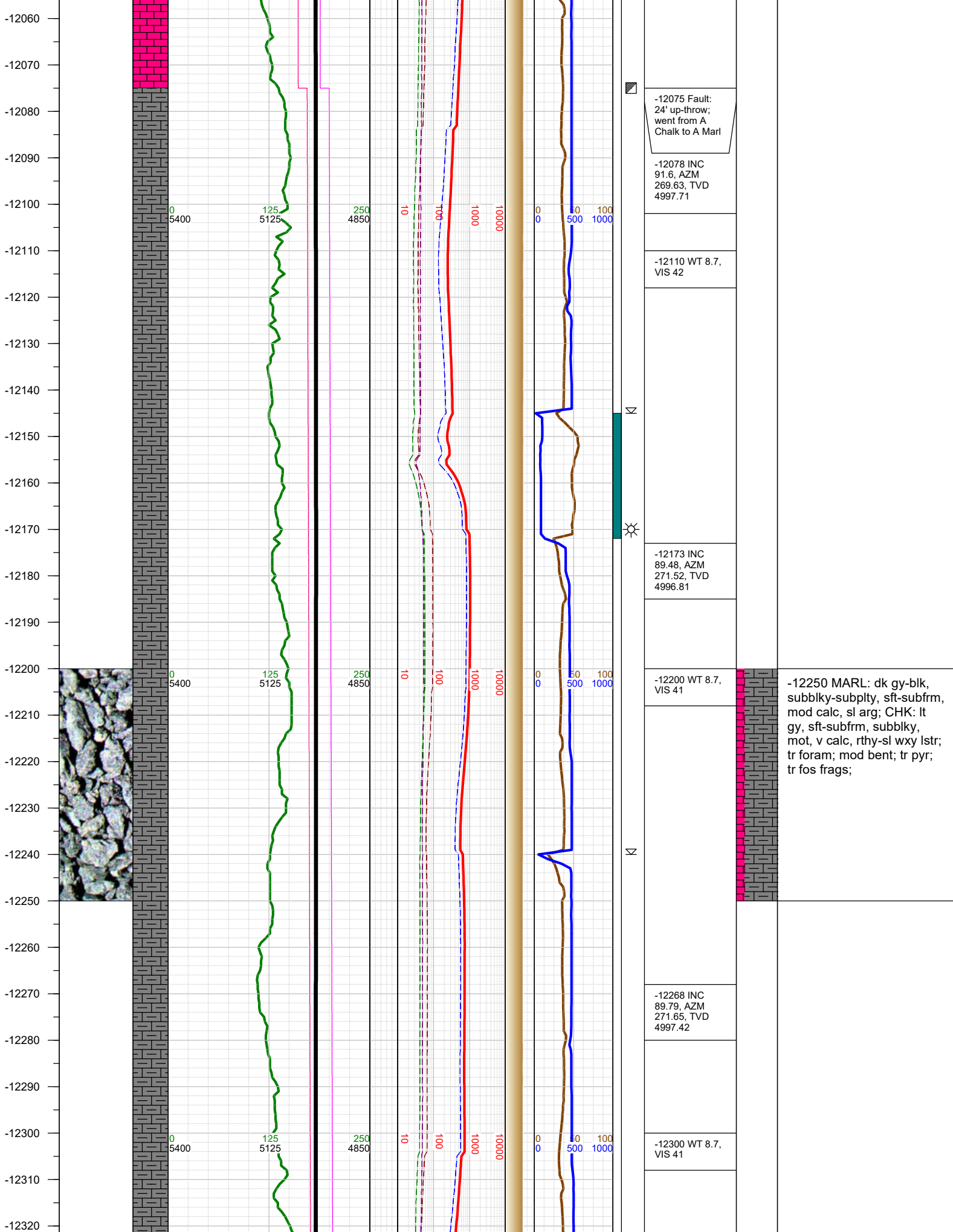
-11500 MARL: dk gy-blk,
subblky-subplty, sft-subfrm,
mod calc, sl arg; CHK: lt
gy, sft-subfrm, subblky,
mot, v calc, rthy-sl wxy lstr;
tr bent; tr pyr; tr fos frags;

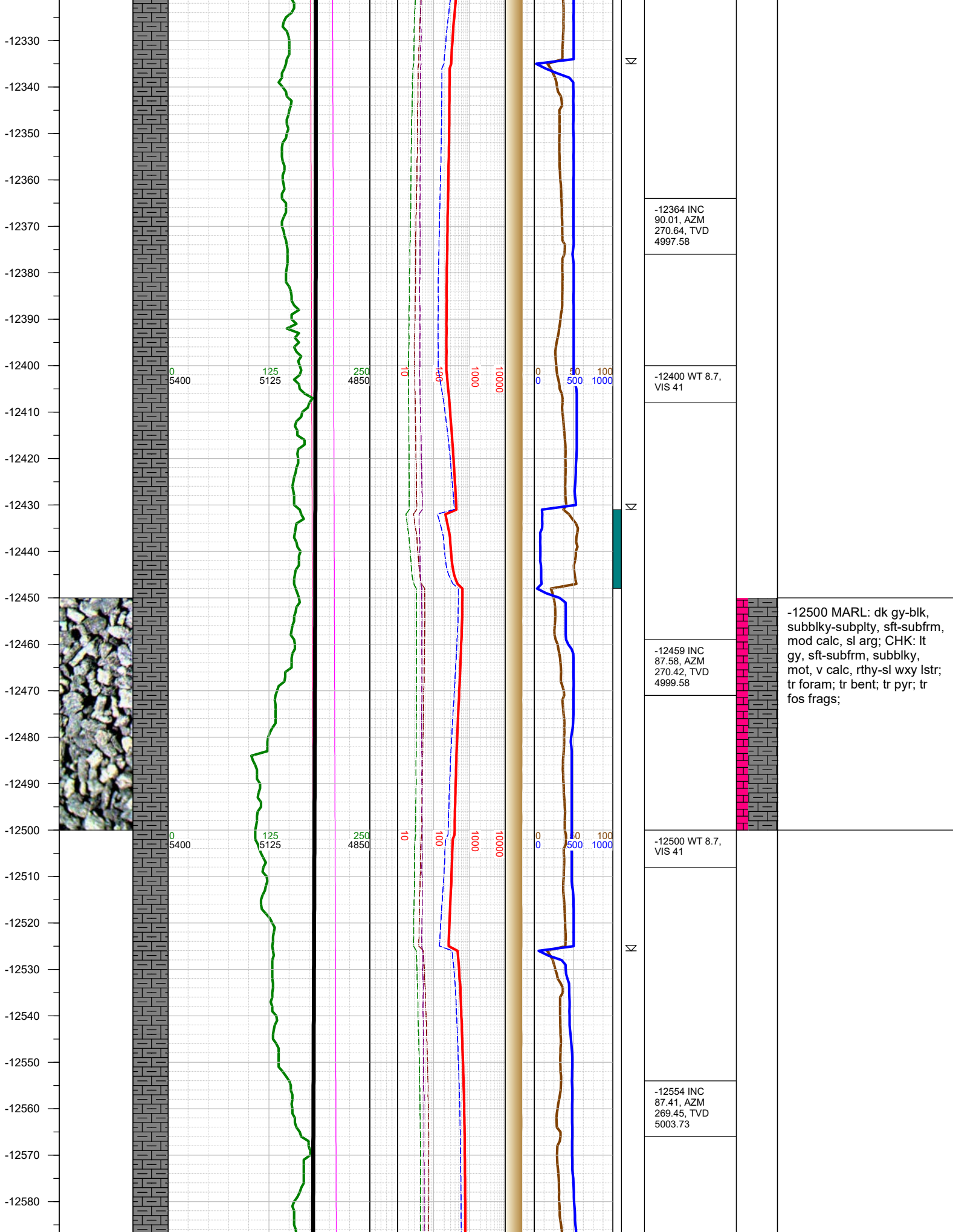




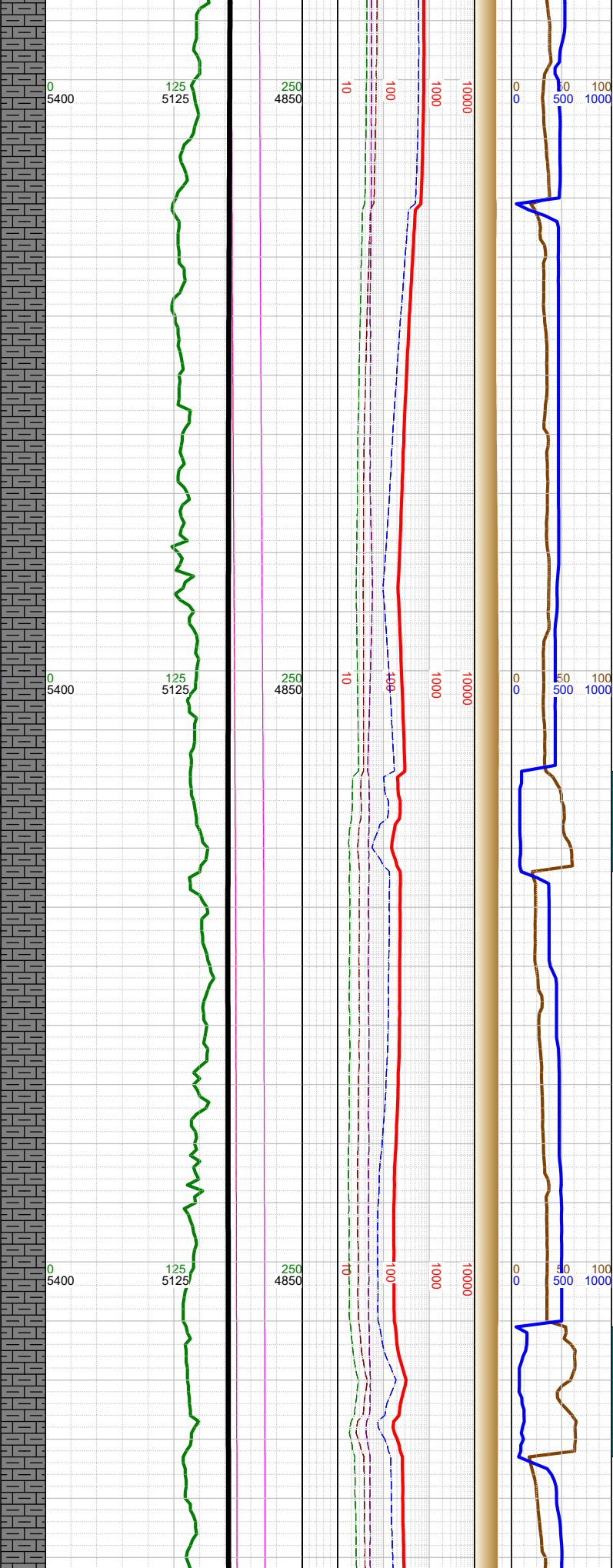
-12000 WT 8.7,
VIS 42

-12000 CHK: lt gy, sft-subfrm, subblky, mot, v calc, rthy-sl wxy lstr;
MARL: dk gy-blk, subblky-subplty, sft-subfrm, v calc, mod arg, sl silty intbds; tr pyr;

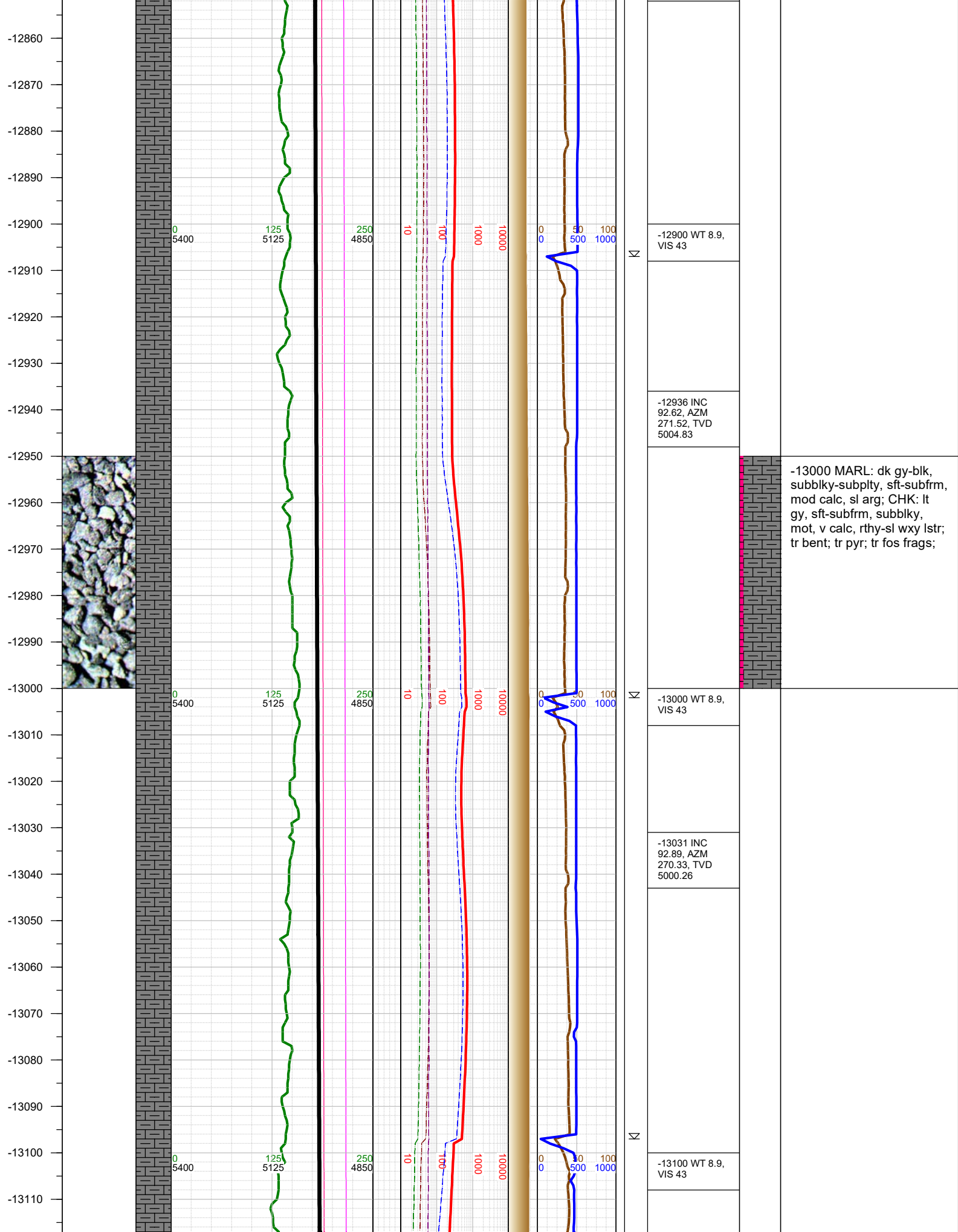




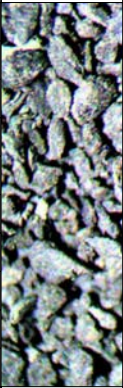
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N	-12600 WT 8.9, VIS 43	
	-12650 INC 87.72, AZM 269.14, TVD 5007.81	
N	-12700 WT 8.9, VIS 43	-12750 MARL: dk gy-blk, subblky-subply, sft-subfrm, mod calc, sl arg; CHK: lt gy, sft-subfrm, subblky, mot, v calc, rthy-sl wxy lstr; tr bent; tr pyr; tr fos frags;
	-12745 INC 90.01, AZM 269.85, TVD 5009.69	
	-12800 WT 8.9, VIS 43	
N	-12840 INC 91.6, AZM 270.86, TVD 5008.36	



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-13360
-13370
-13380



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5400

125
5125

250
4850

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1000

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500

100
1000

-13126 INC
93.42, AZM
270.02, TVD
4995.03

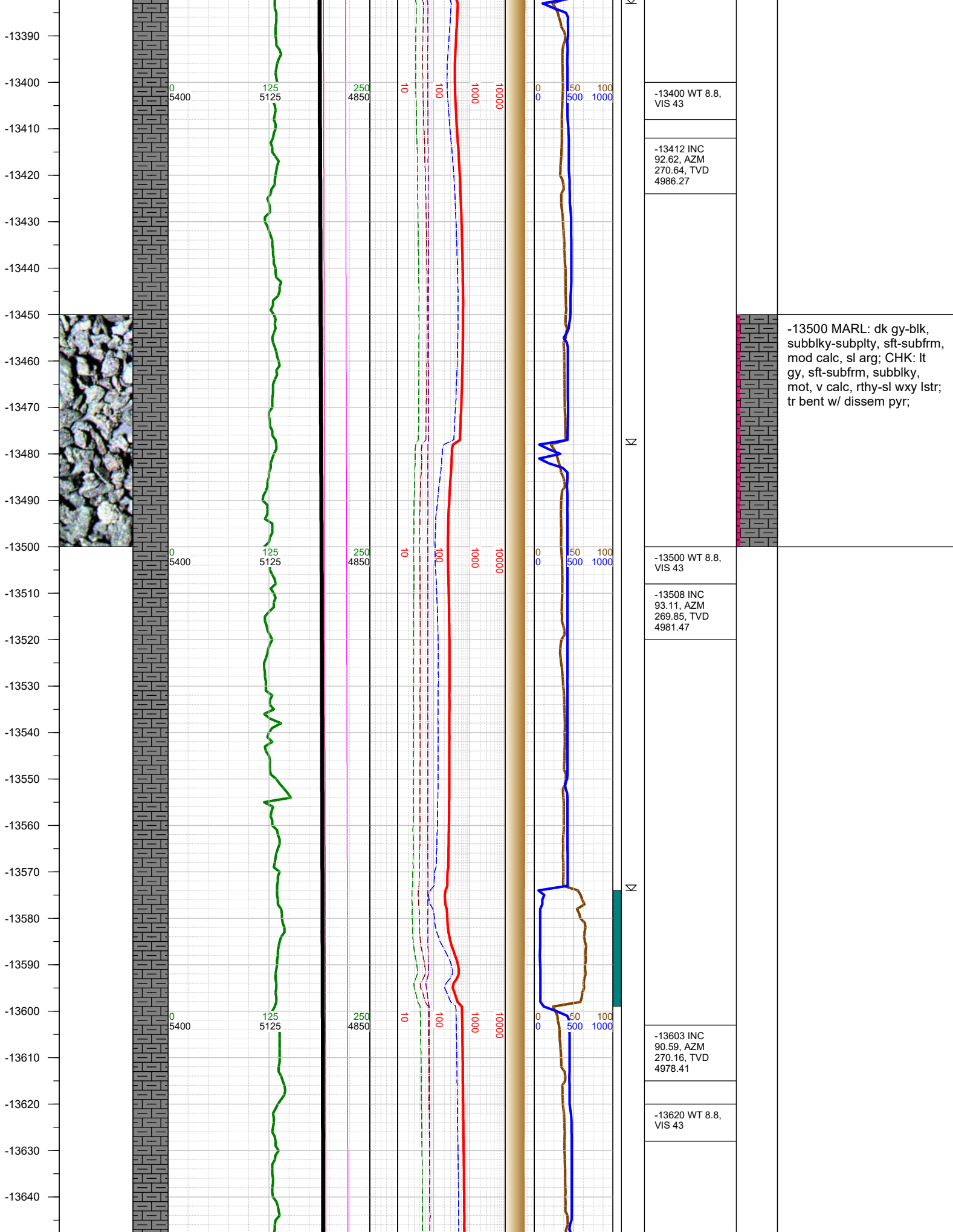
-13200 WT 8.8,
VIS 43

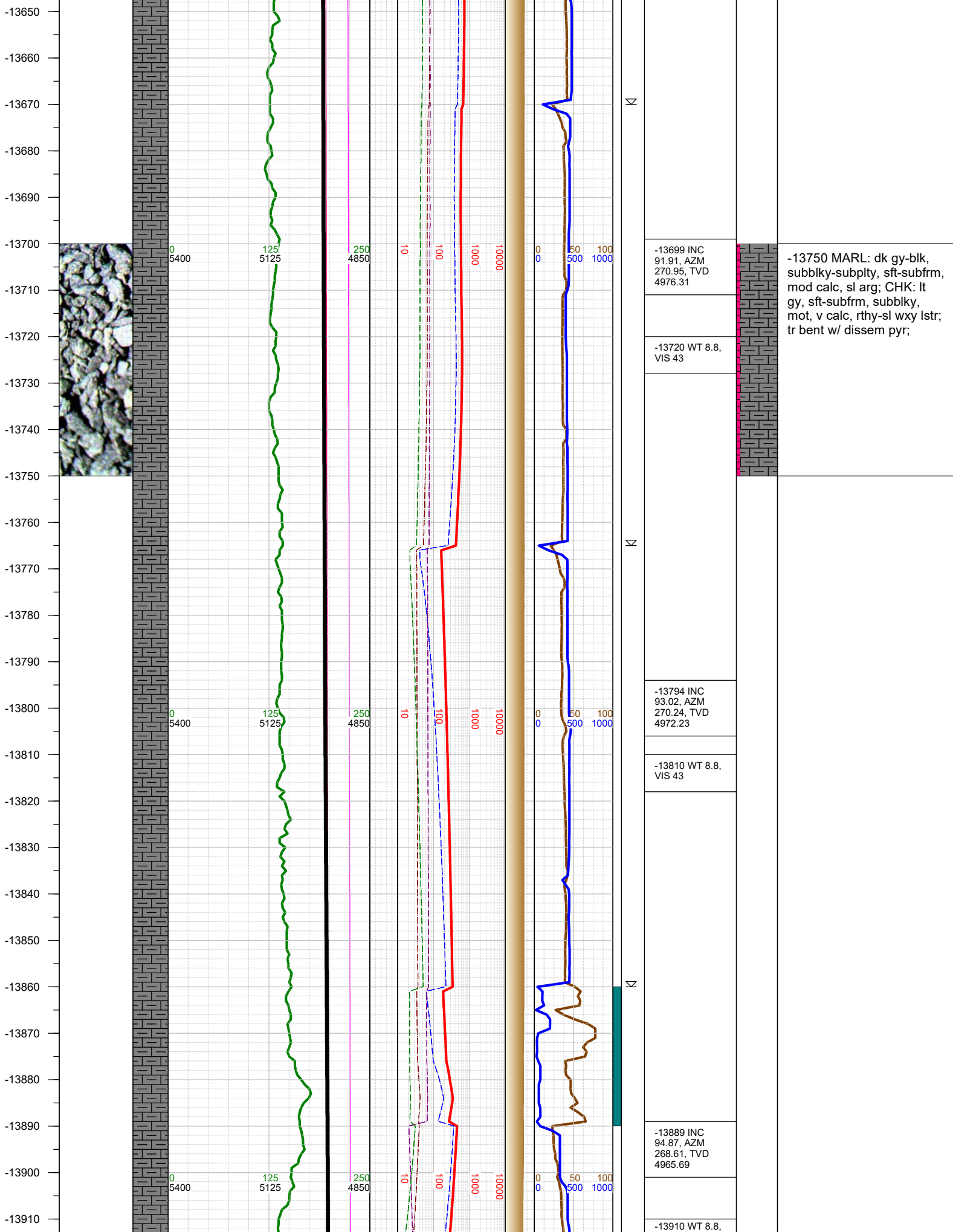
-13222 INC
91.12, AZM
270.42, TVD
4991.23

-13300 WT 8.8,
VIS 43

-13317 INC
91.12, AZM
270.16, TVD
4989.37

-13250 MARL: dk gy-blk,
subblky-subplty, sft-subfrm,
mod calc, sl arg; CHK: lt
gy, sft-subfrm, subblky,
mot, v calc, rthy-sl wxy lstr;
tr bent w/ dissem pyr;





-13699 INC
91.91, AZM
270.95, TVD
4976.31

-13720 WT 8.8,
VIS 43

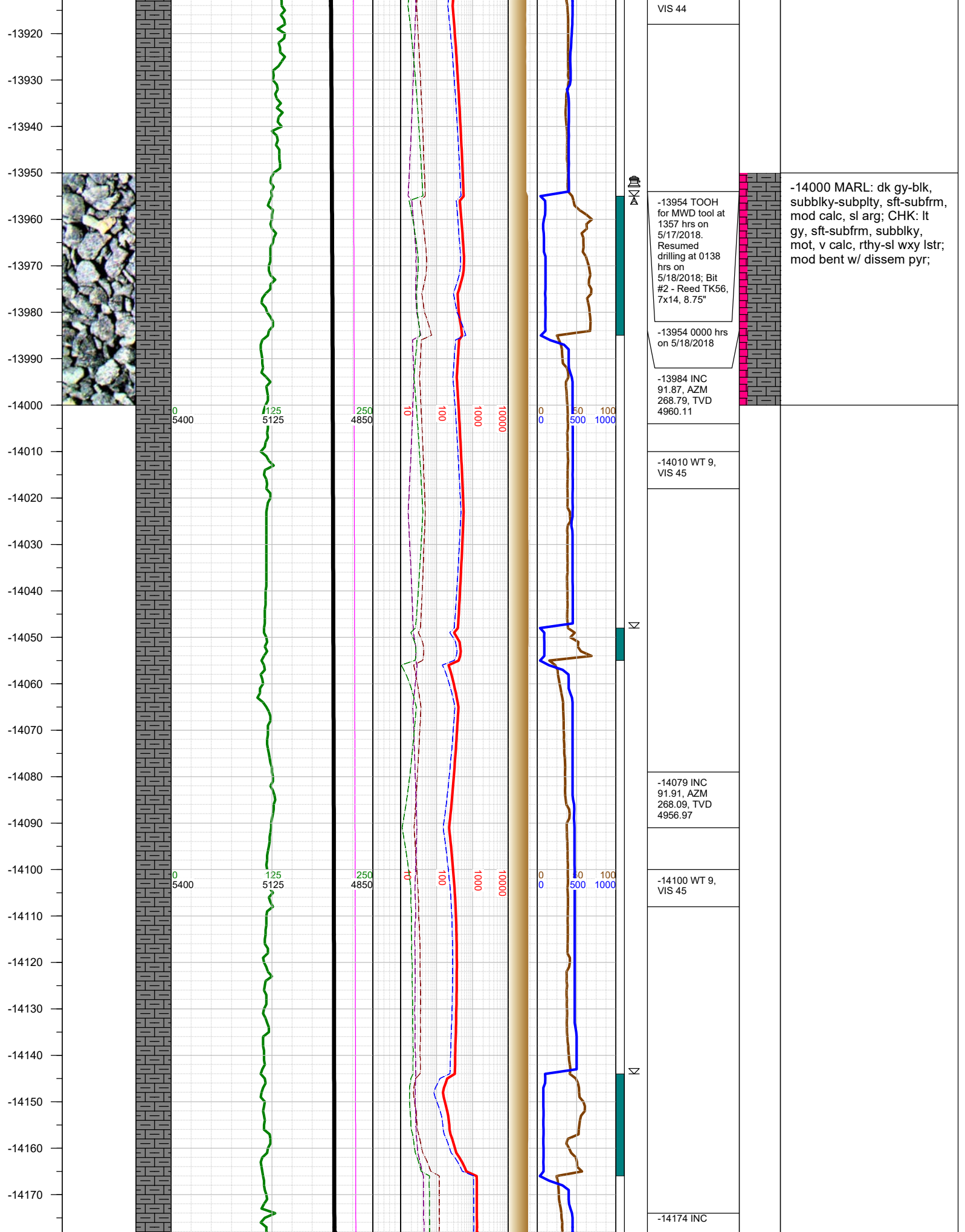
-13794 INC
93.02, AZM
270.24, TVD
4972.23

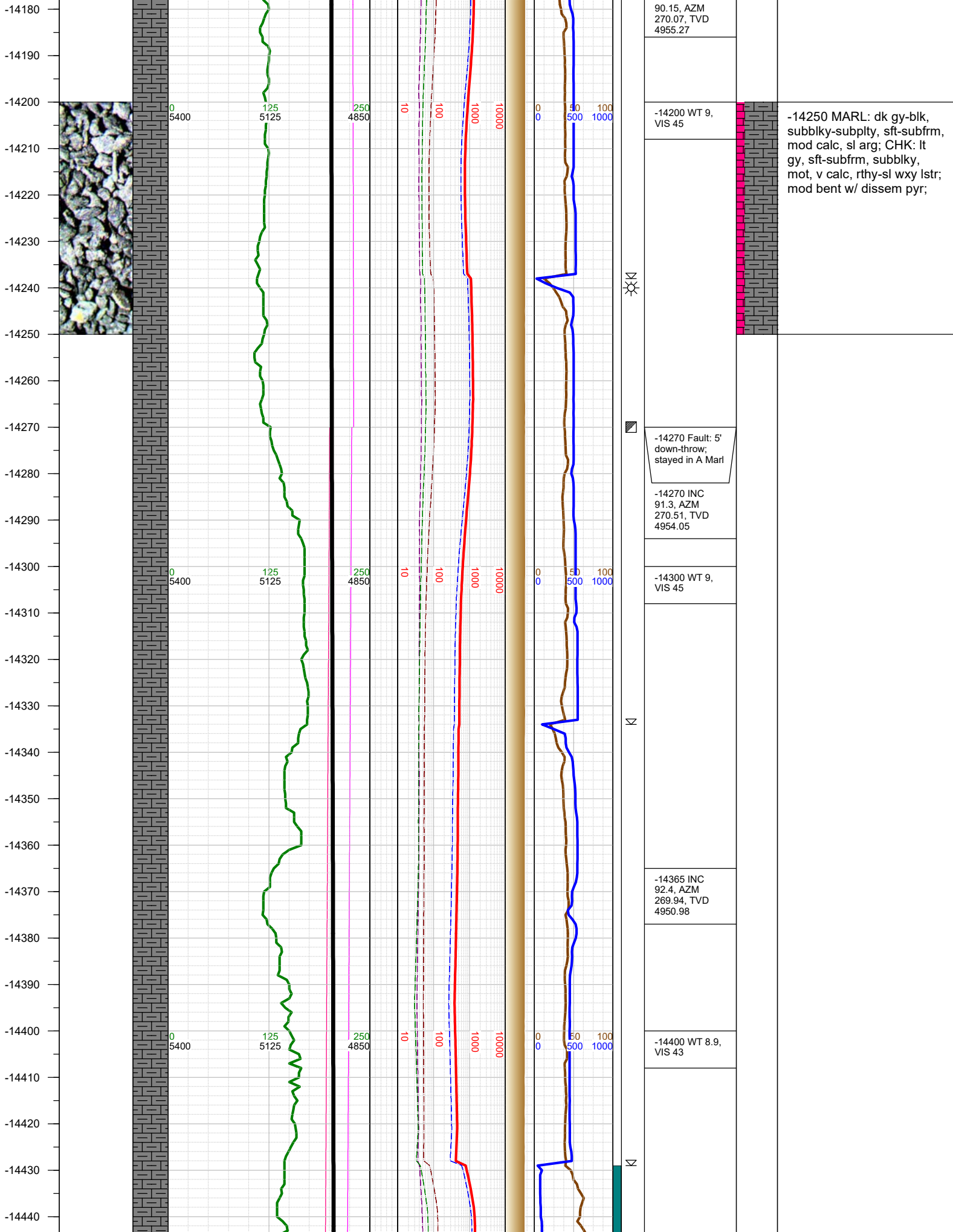
-13810 WT 8.8,
VIS 43

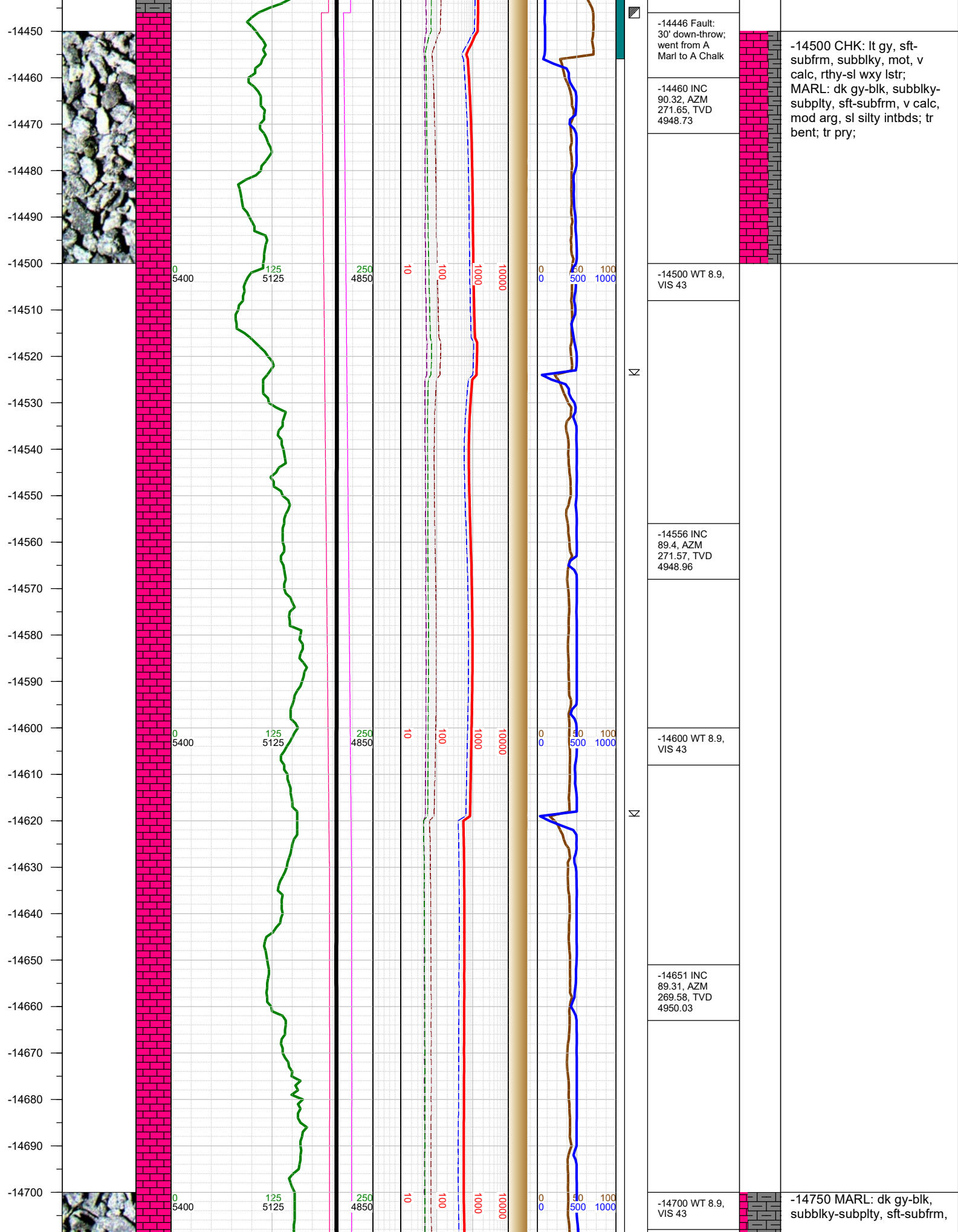
-13889 INC
94.87, AZM
268.61, TVD
4965.69

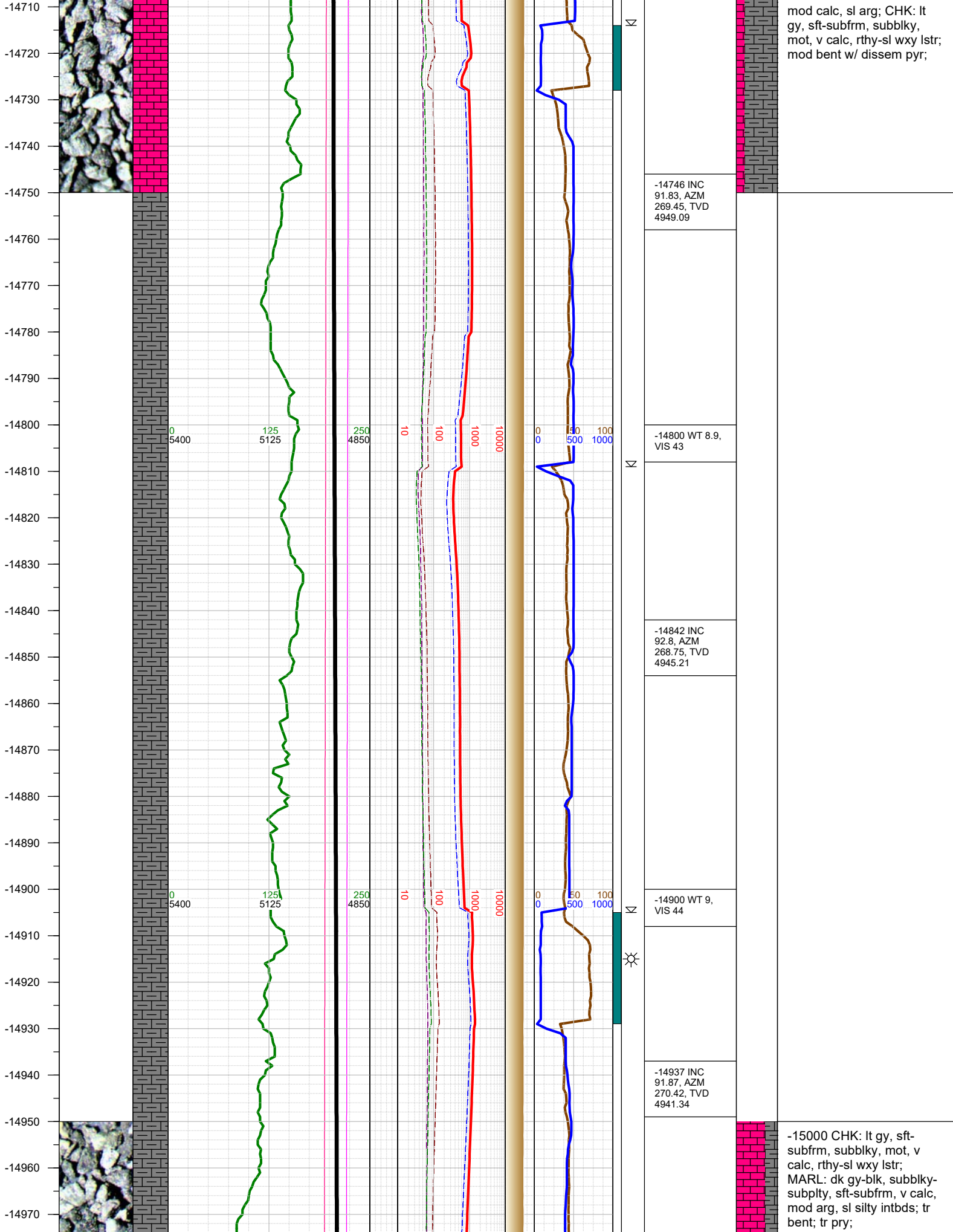
-13910 WT 8.8,

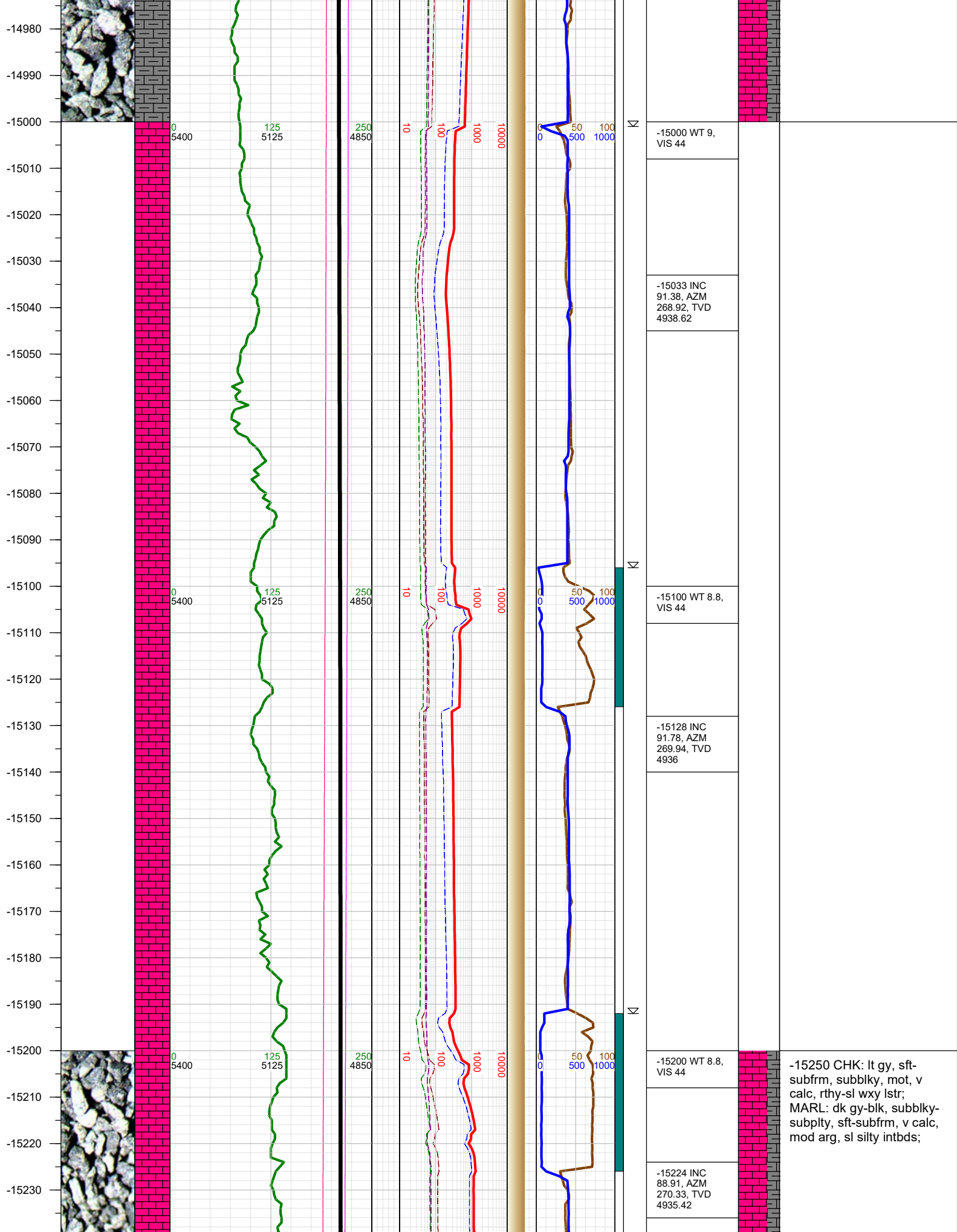
-13750 MARL: dk gy-blk,
subbiky-subply, sft-subfrm,
mod calc, sl arg; CHK: lt
gy, sft-subfrm, subbiky,
mot, v calc, rthy-sl wxy lstr;
tr bent w/ dissem pyr;

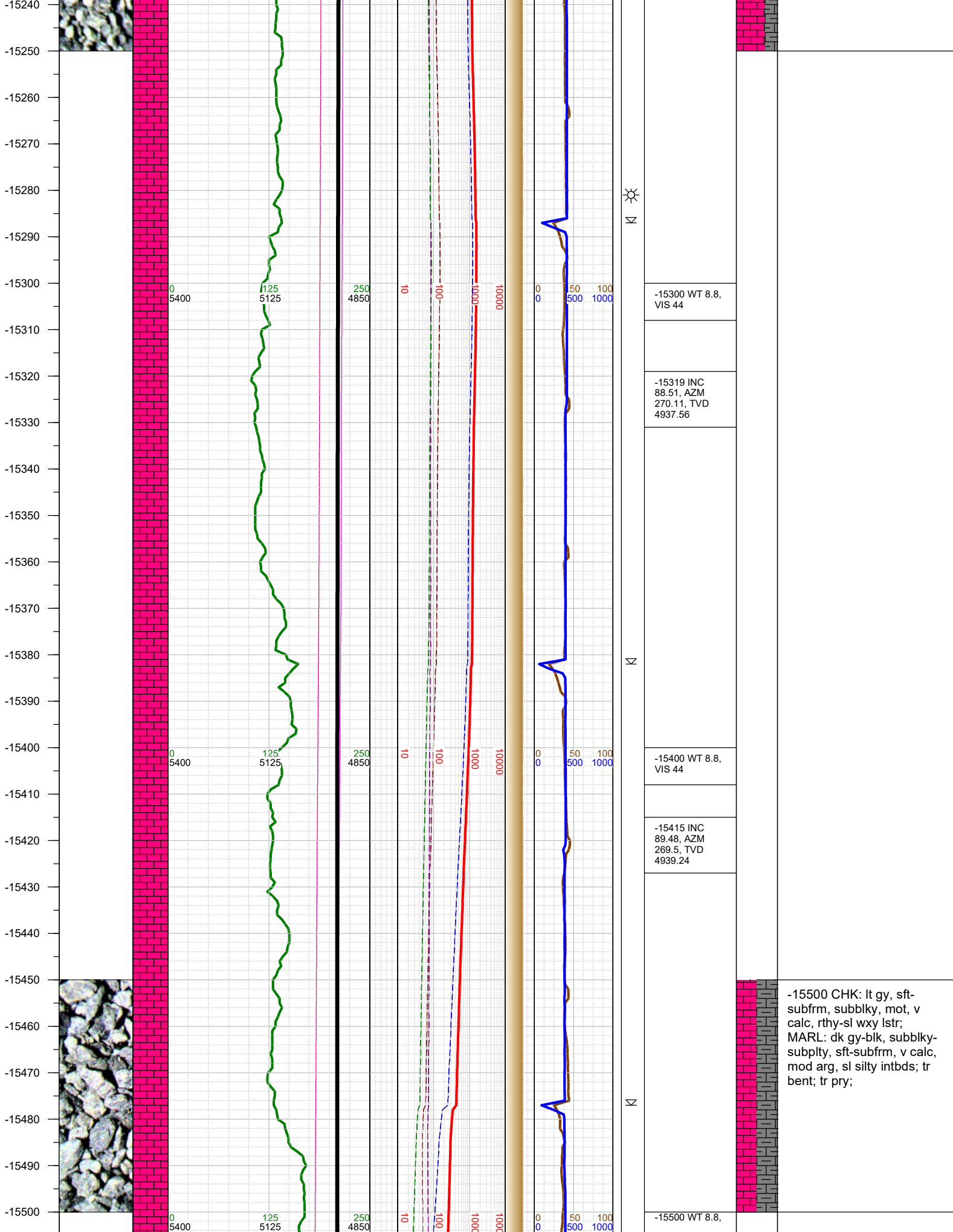


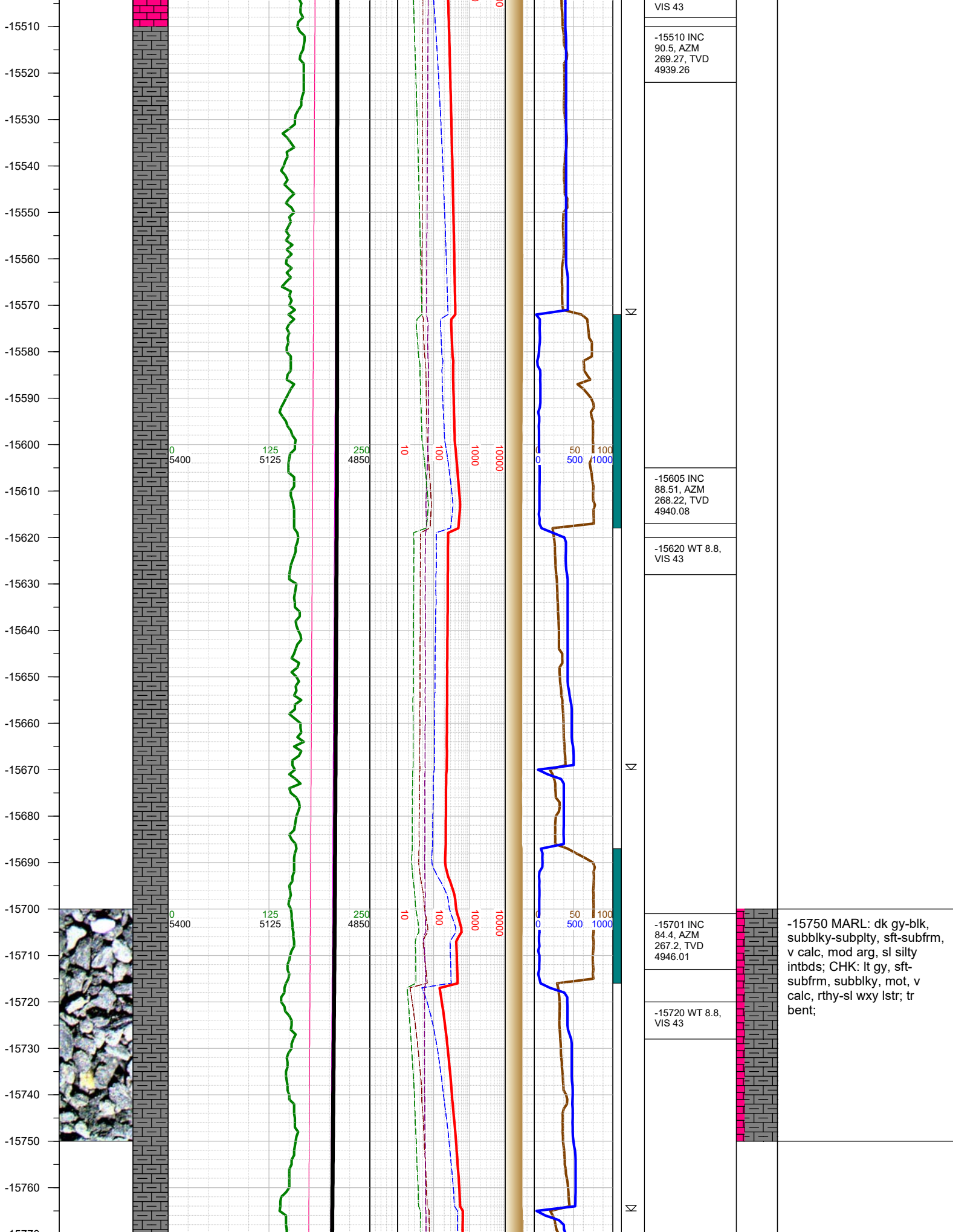












-15750 MARL: dk gy-blk, subblky-subplty, sft-subfrm, v calc, mod arg, sl silty intbds; CHK: lt gy, sft-subfrm, subblky, mot, v calc, rthy-sl wxy lstr; tr bent;

