

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **MT Fed Glenmere 8W-20-25**
FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Patterson 901
API #: 05-123-42171

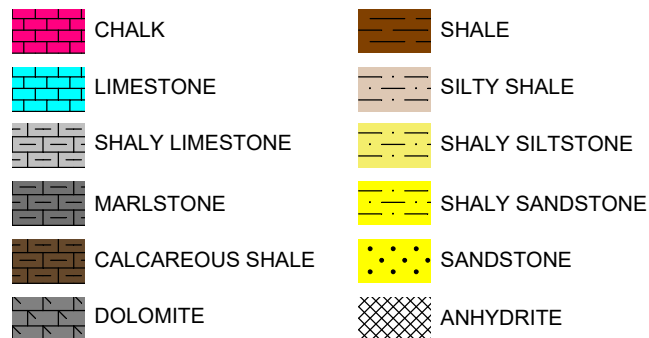
LAT/LONG: 40.4175, -104.67166
SURFACE HOLE: NENW S9-T5N-R65W, 1212' FNL, 1756' FWL
BOTTOM HOLE: S7-T5N-R65W, 0' FSL, 460' FWL



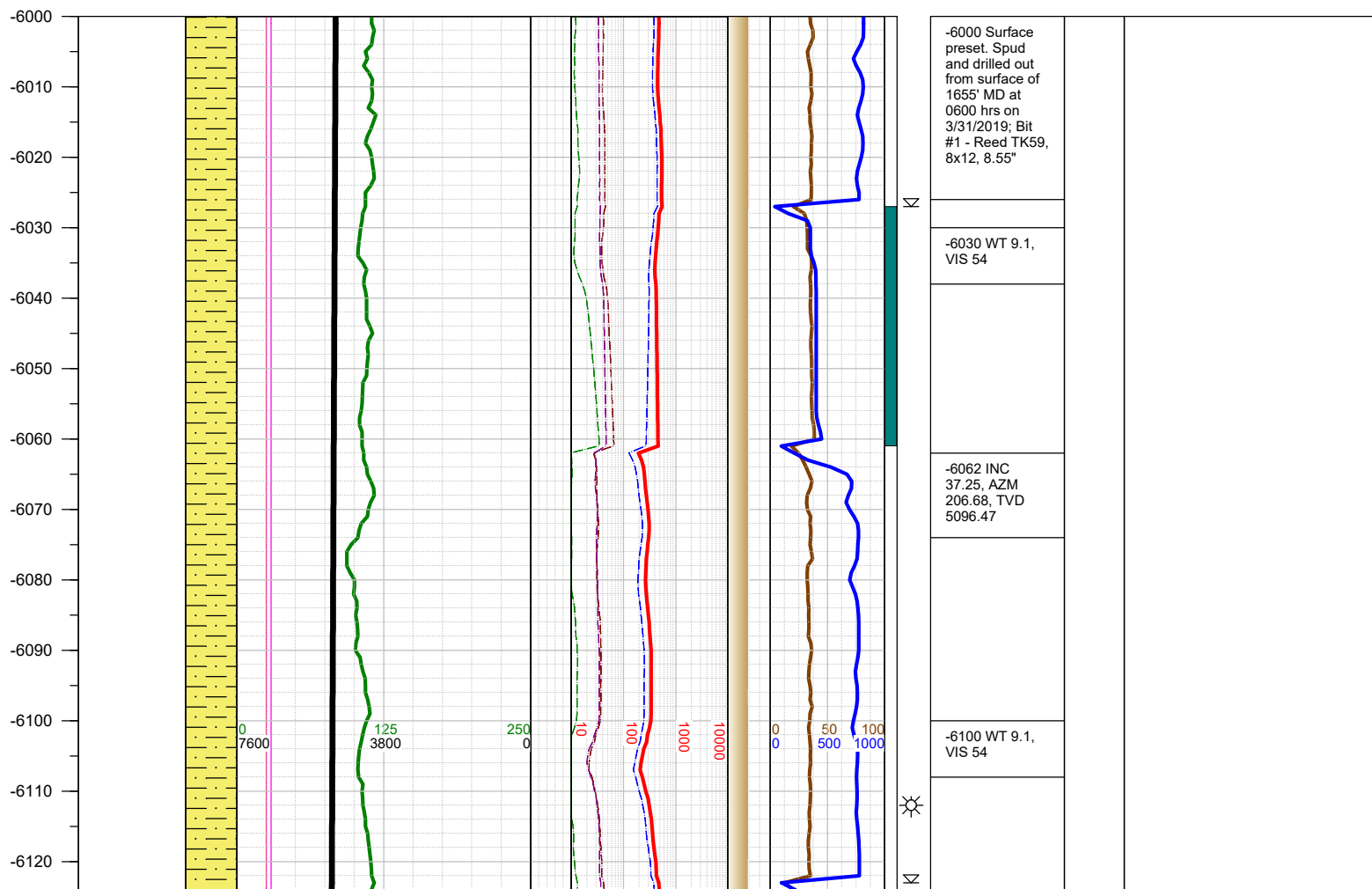
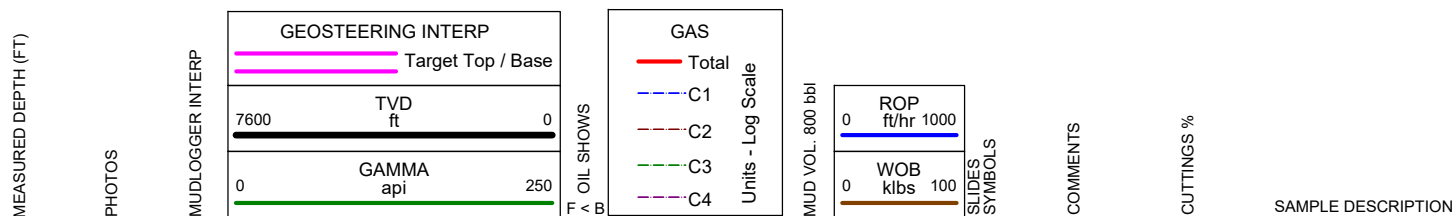
Earth Science Agency, LLC

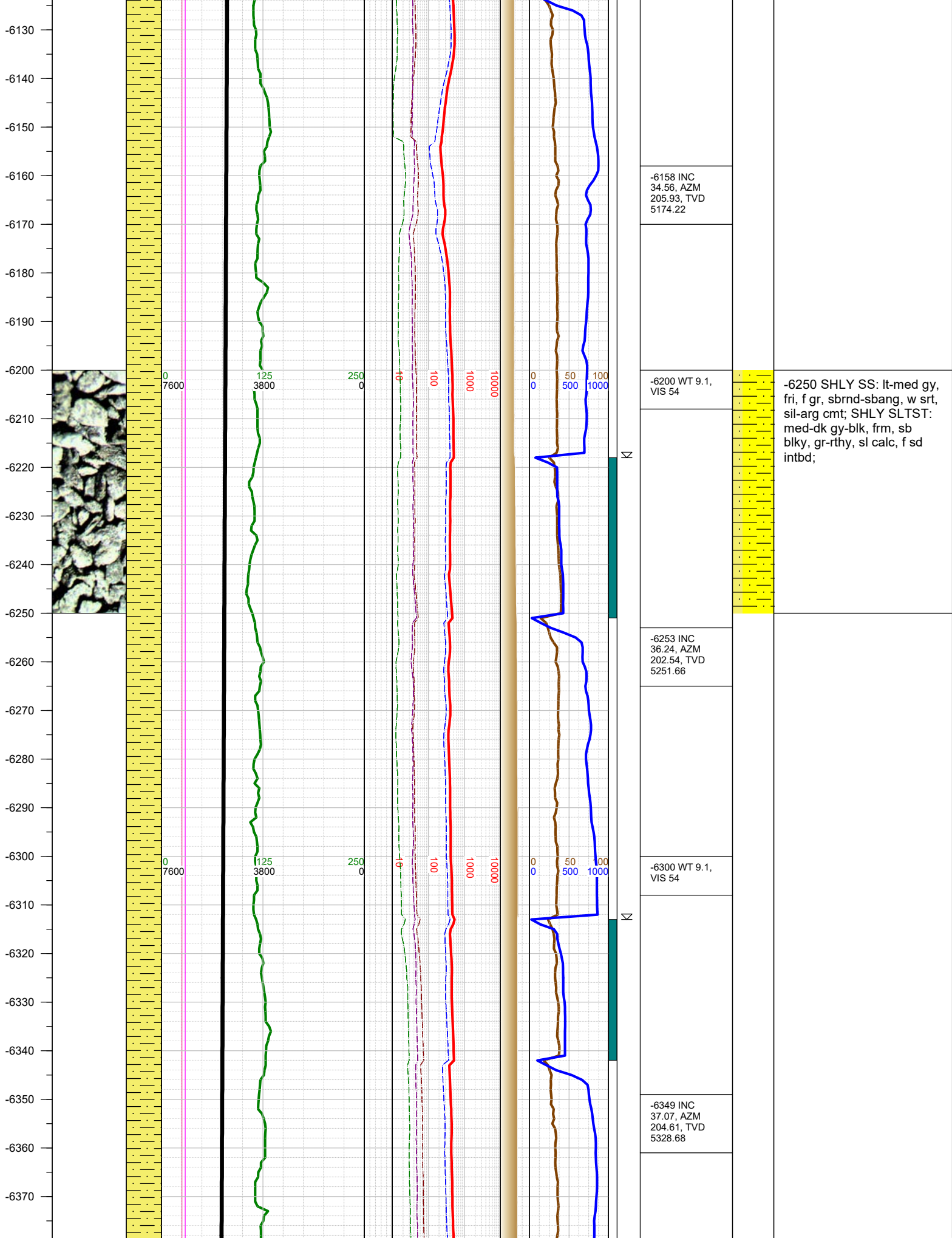
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4635'
KELLY BUSHING: 4664'
DRILLING FLUID: OBM
TVD VS. MD: 6799' / 18038'
SPUD DATE: March 31, 2019
TD DATE: April 2, 2019
DEPTHS LOGGED: 6000' - 18038'
DATES LOGGED: March 31, 2019 - April 2, 2019
GEOLOGISTS: Dominic Pitre, Zak Lewis
SCALE: 5" = 100'

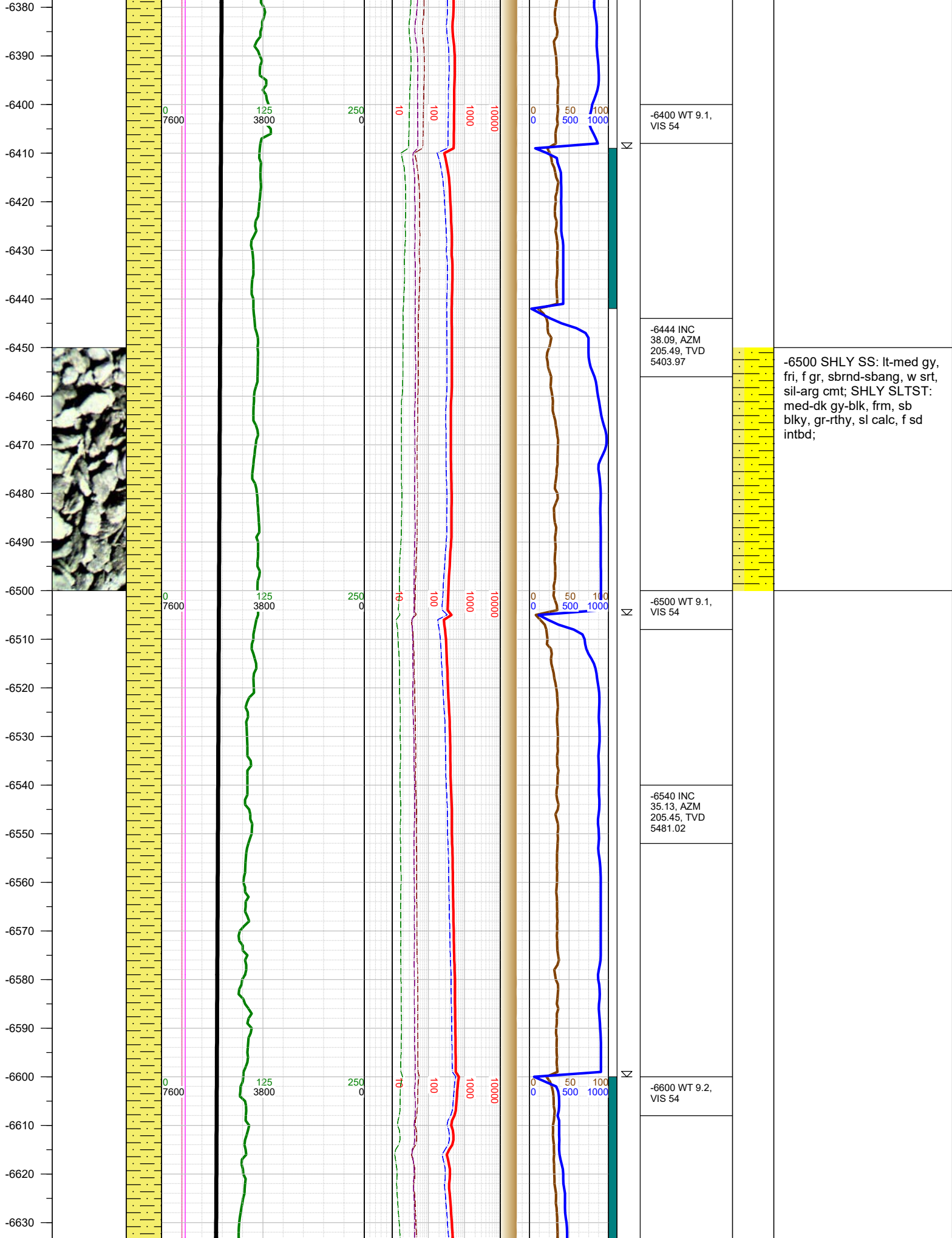
LEGEND

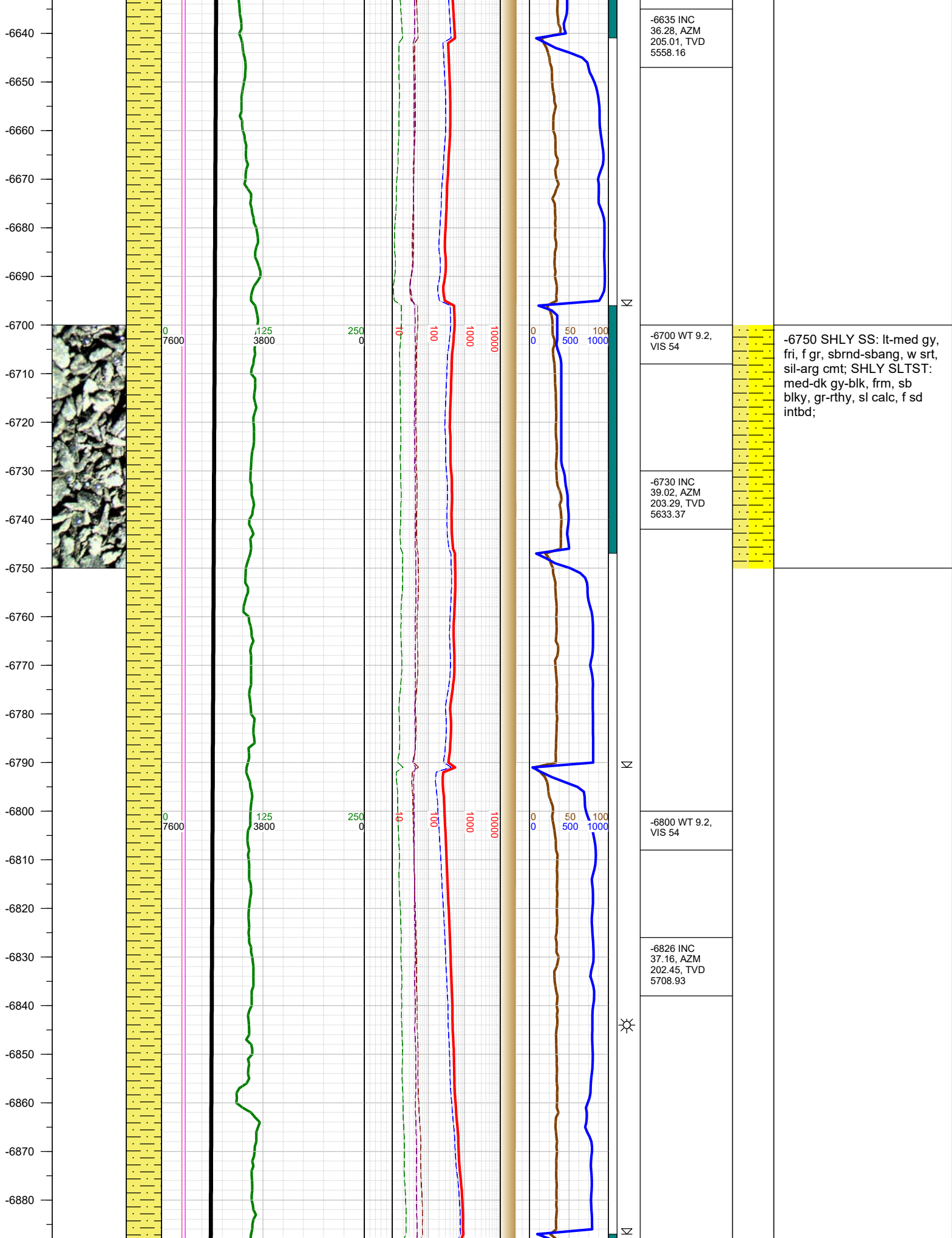


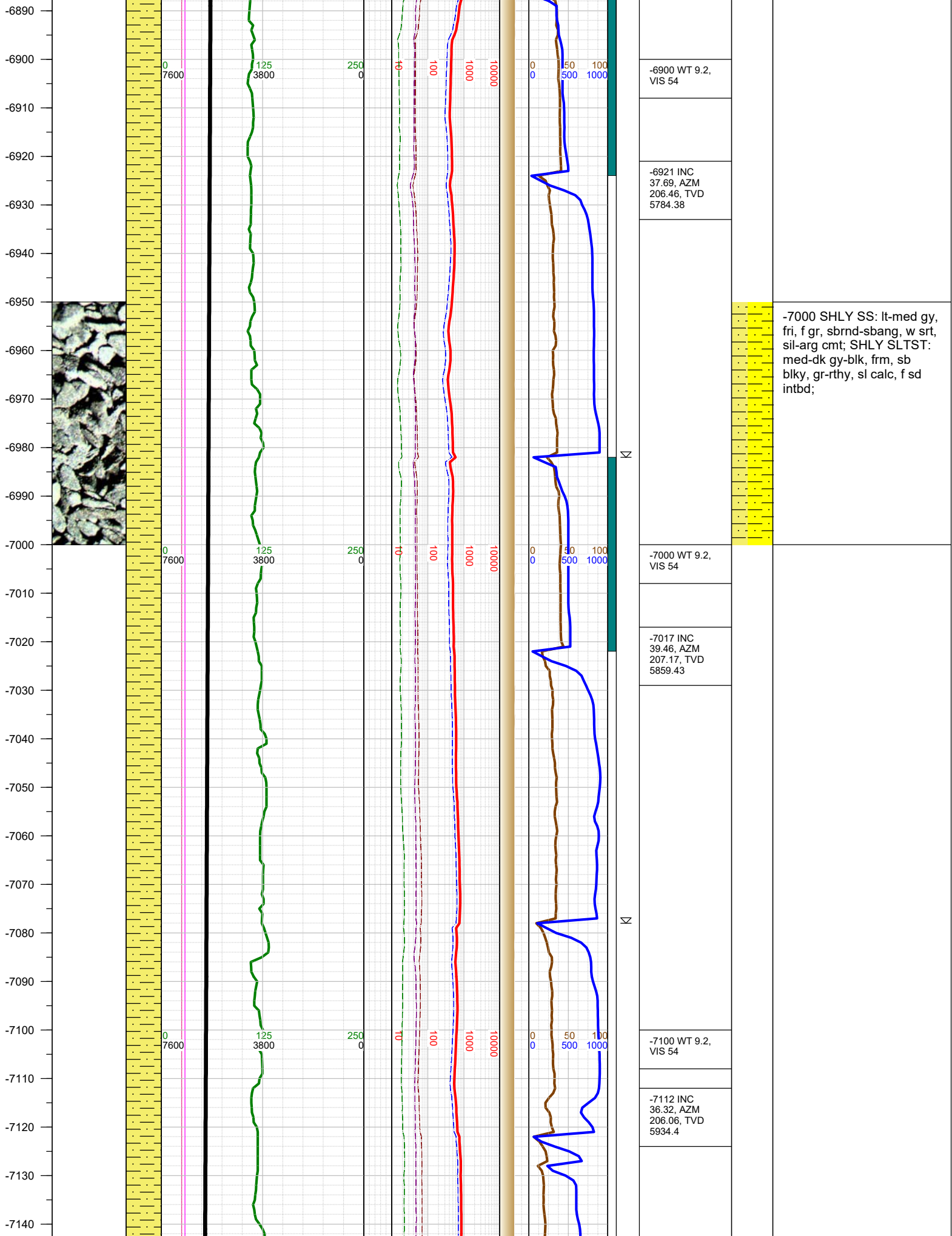
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

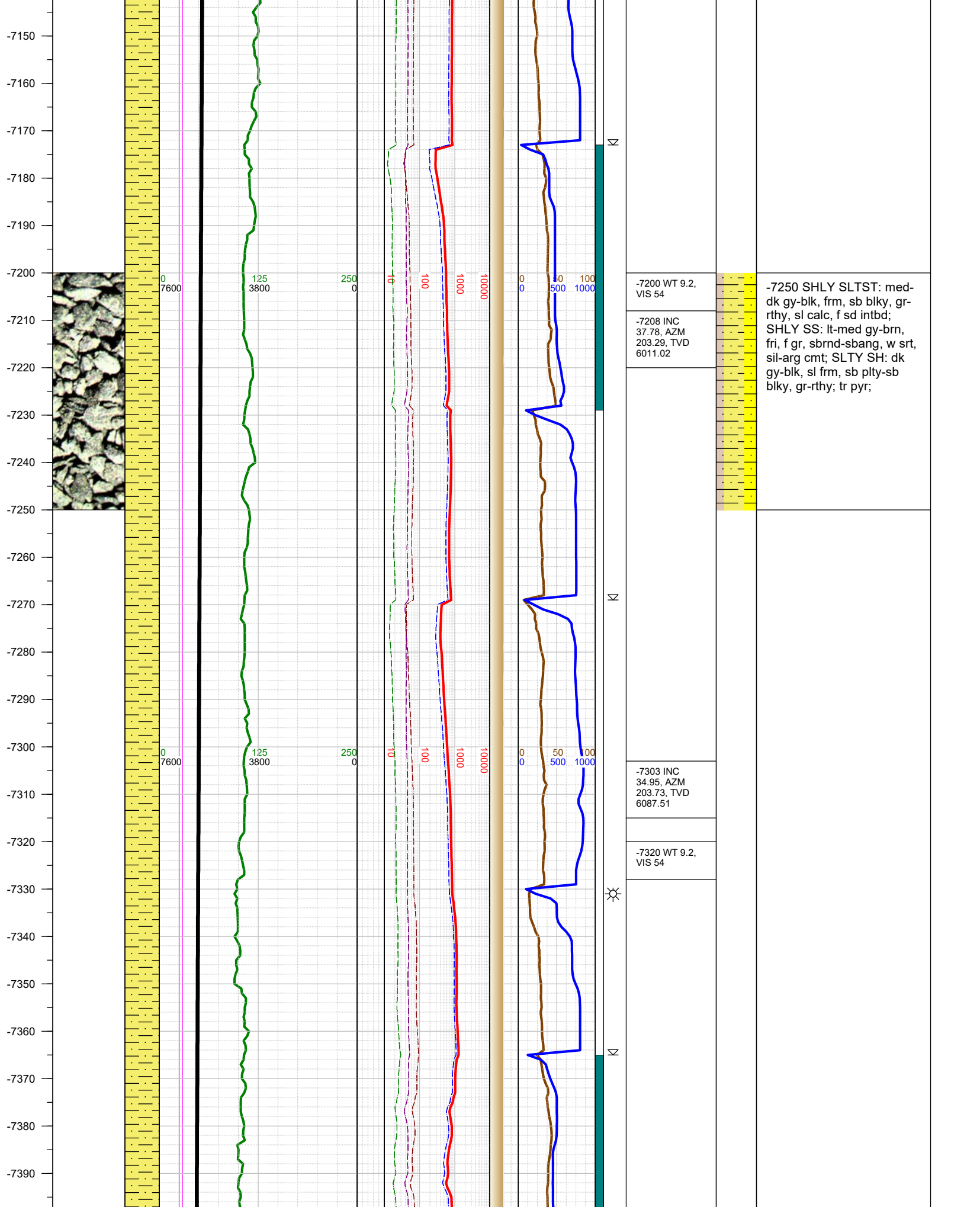


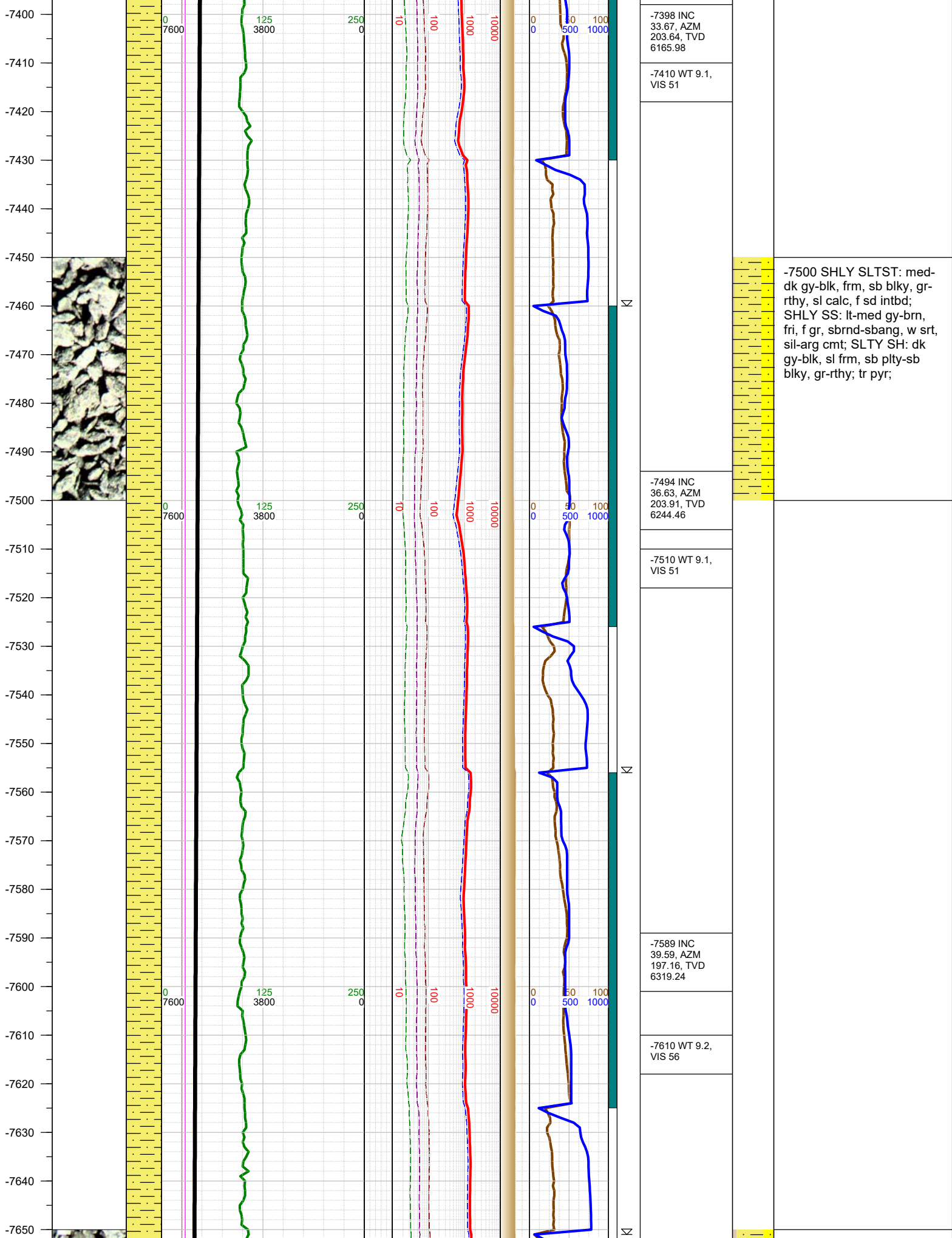


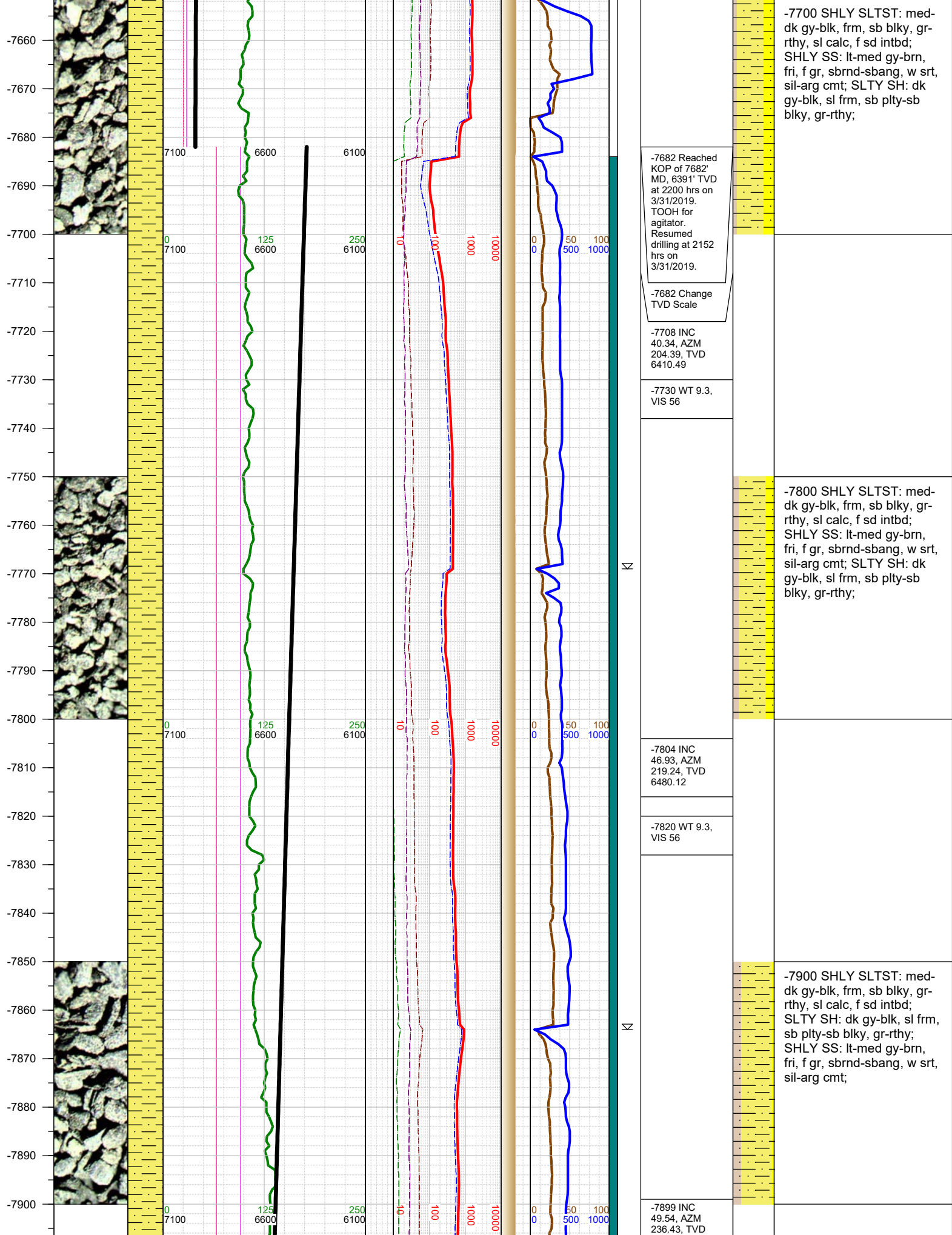


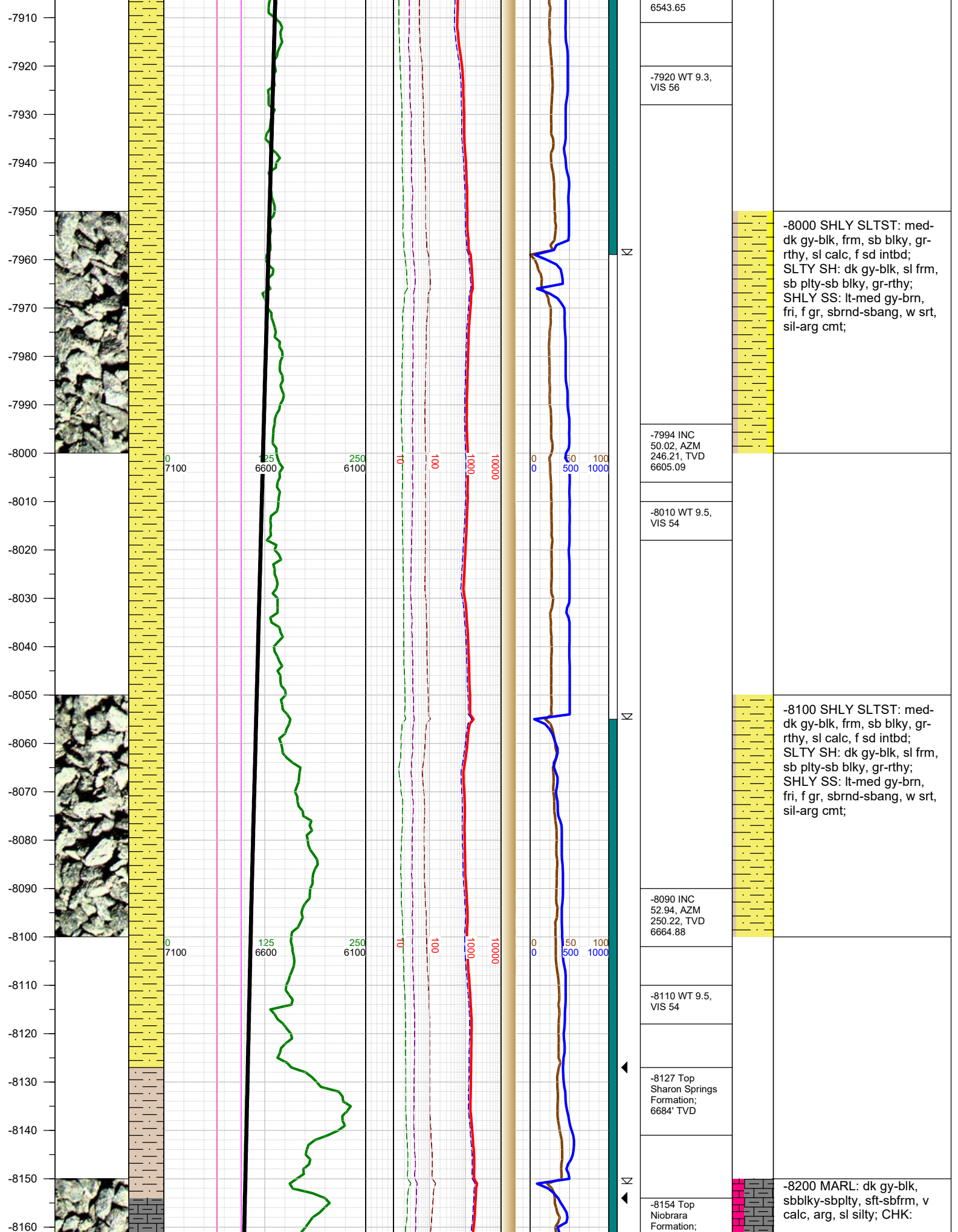


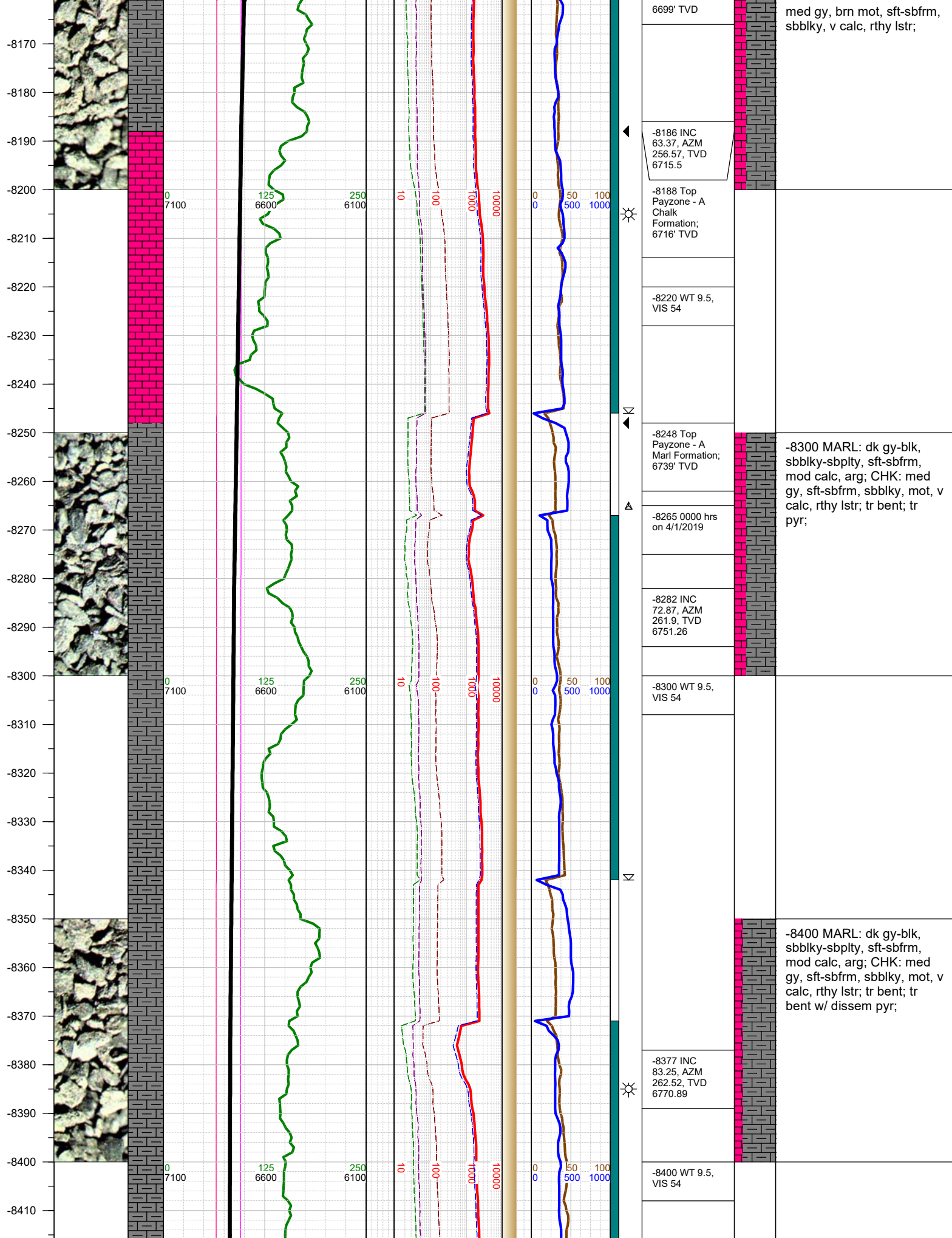


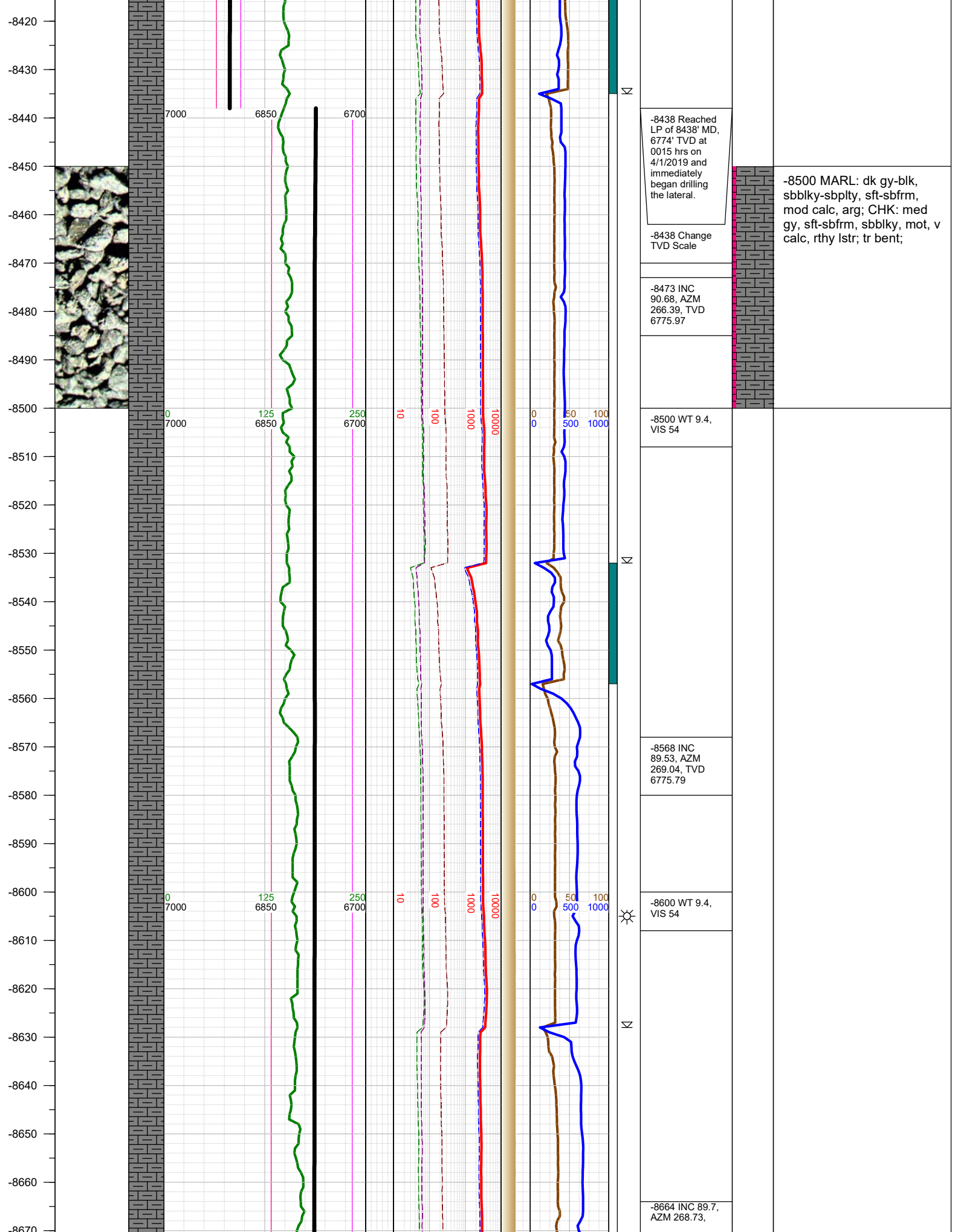


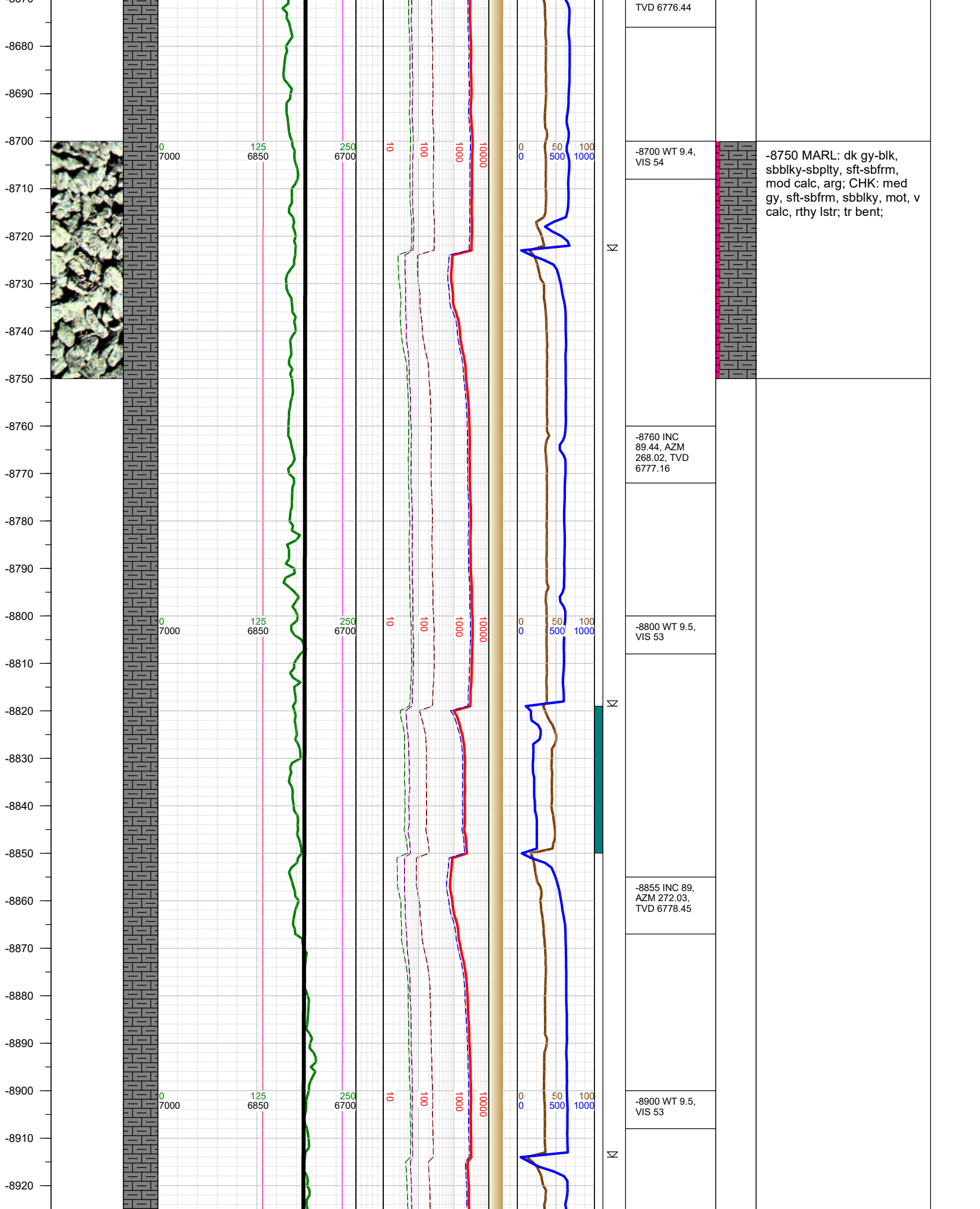


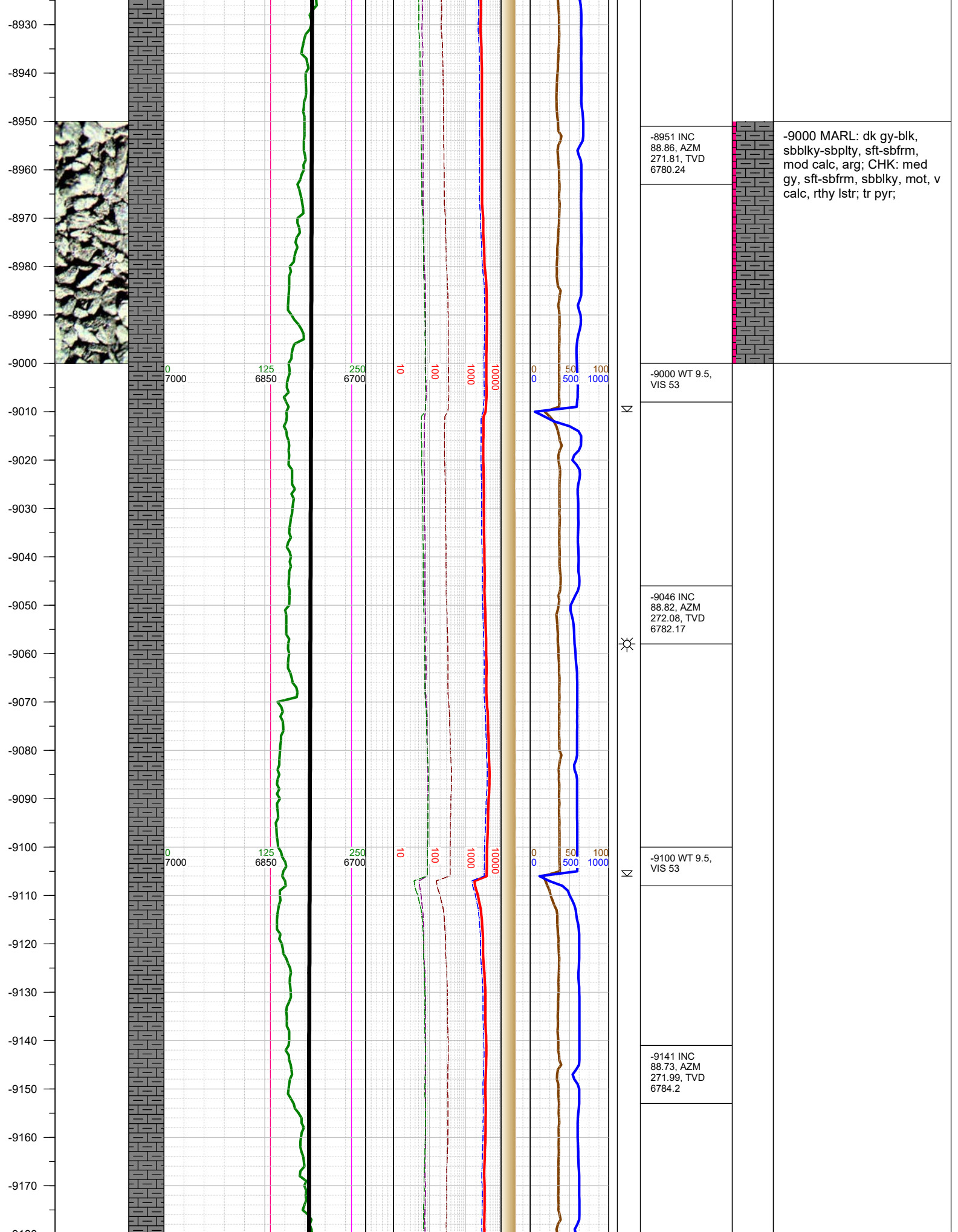


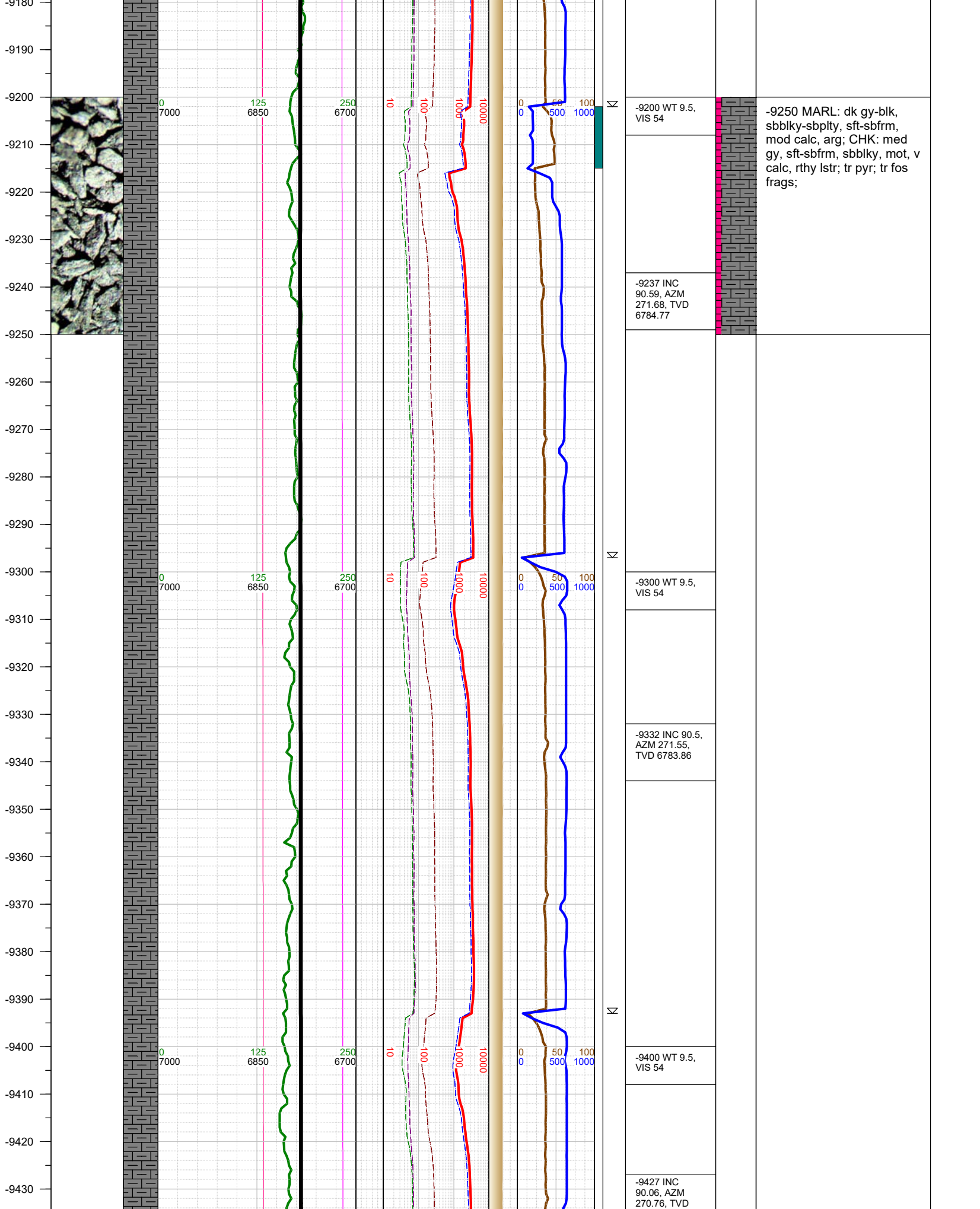


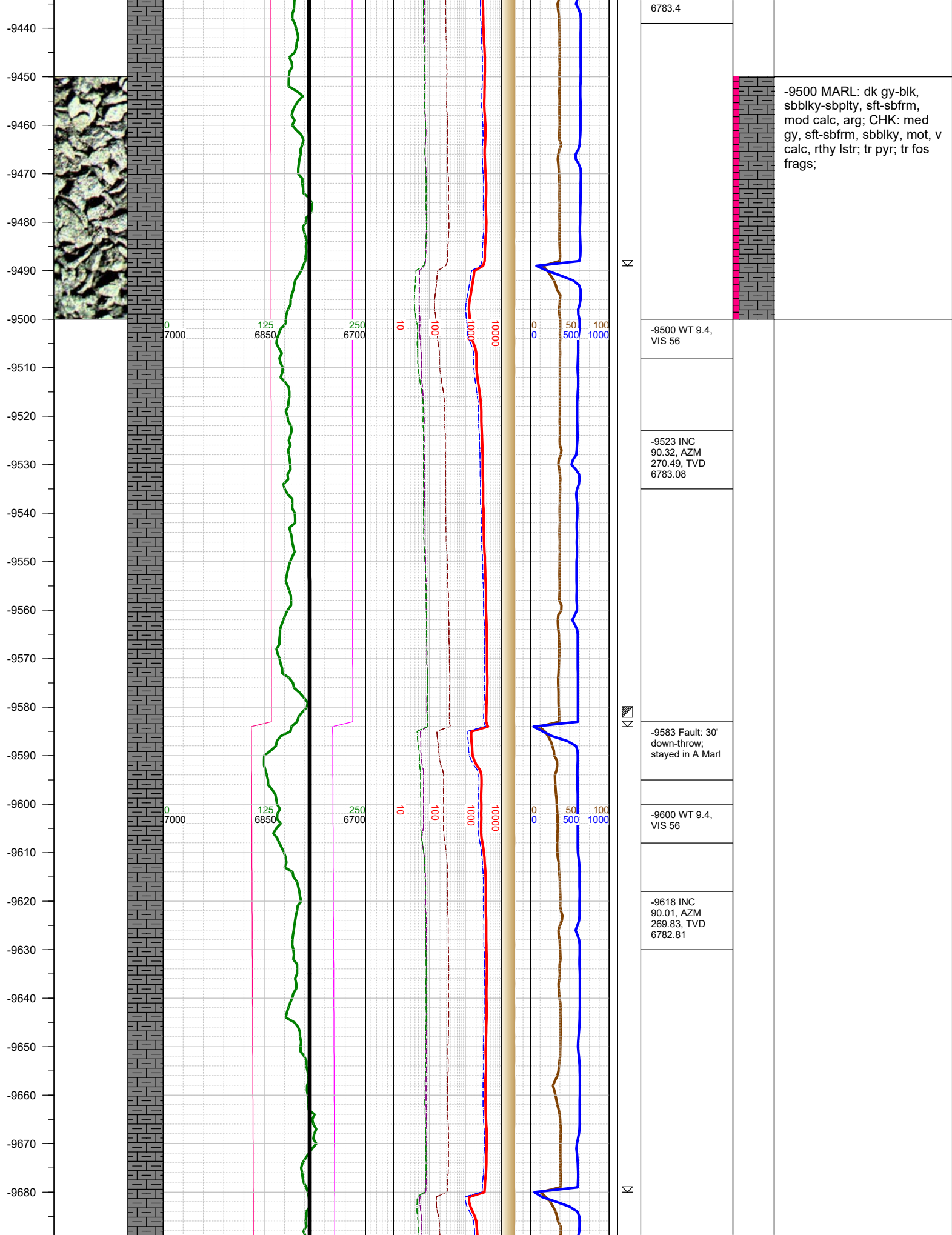




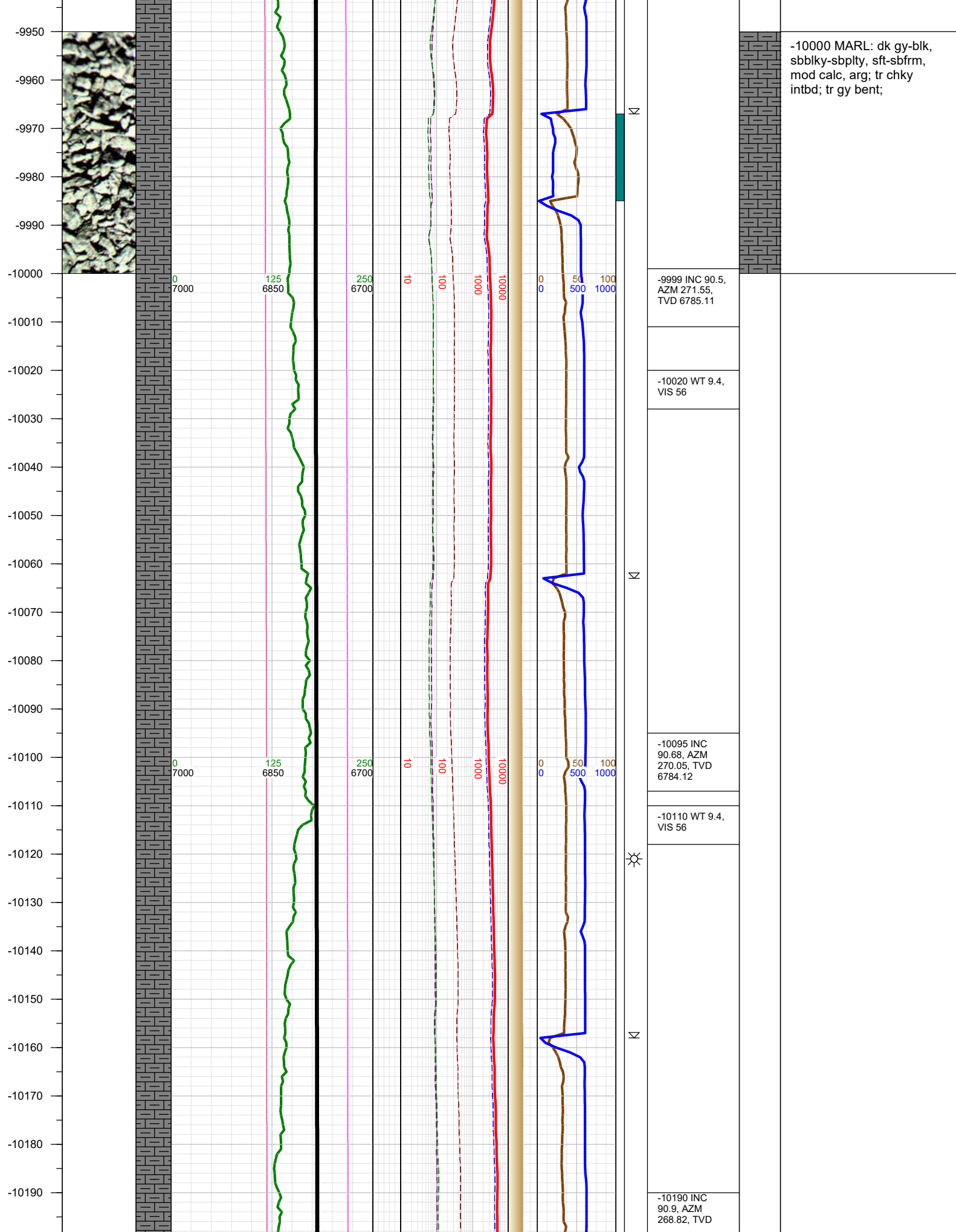


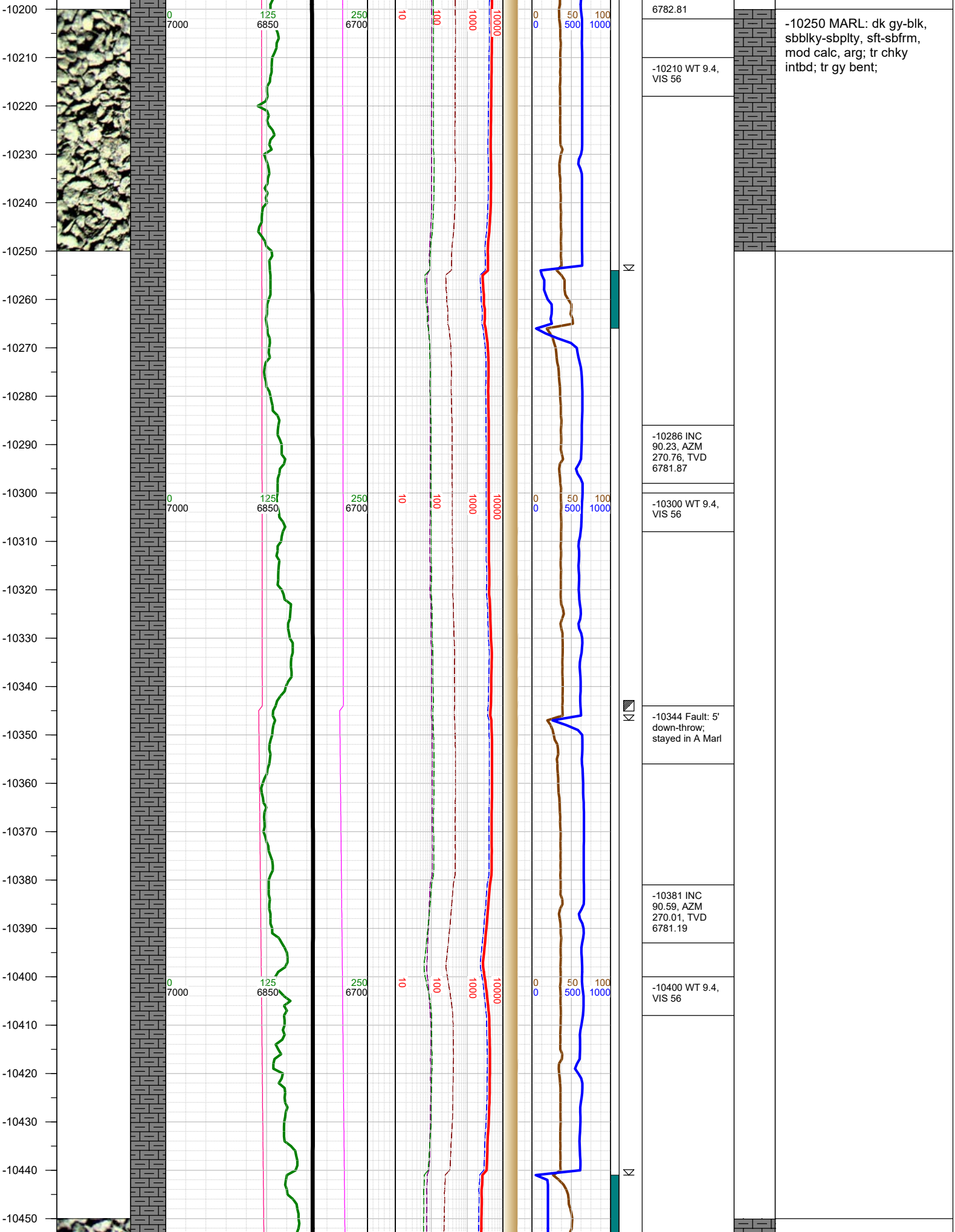


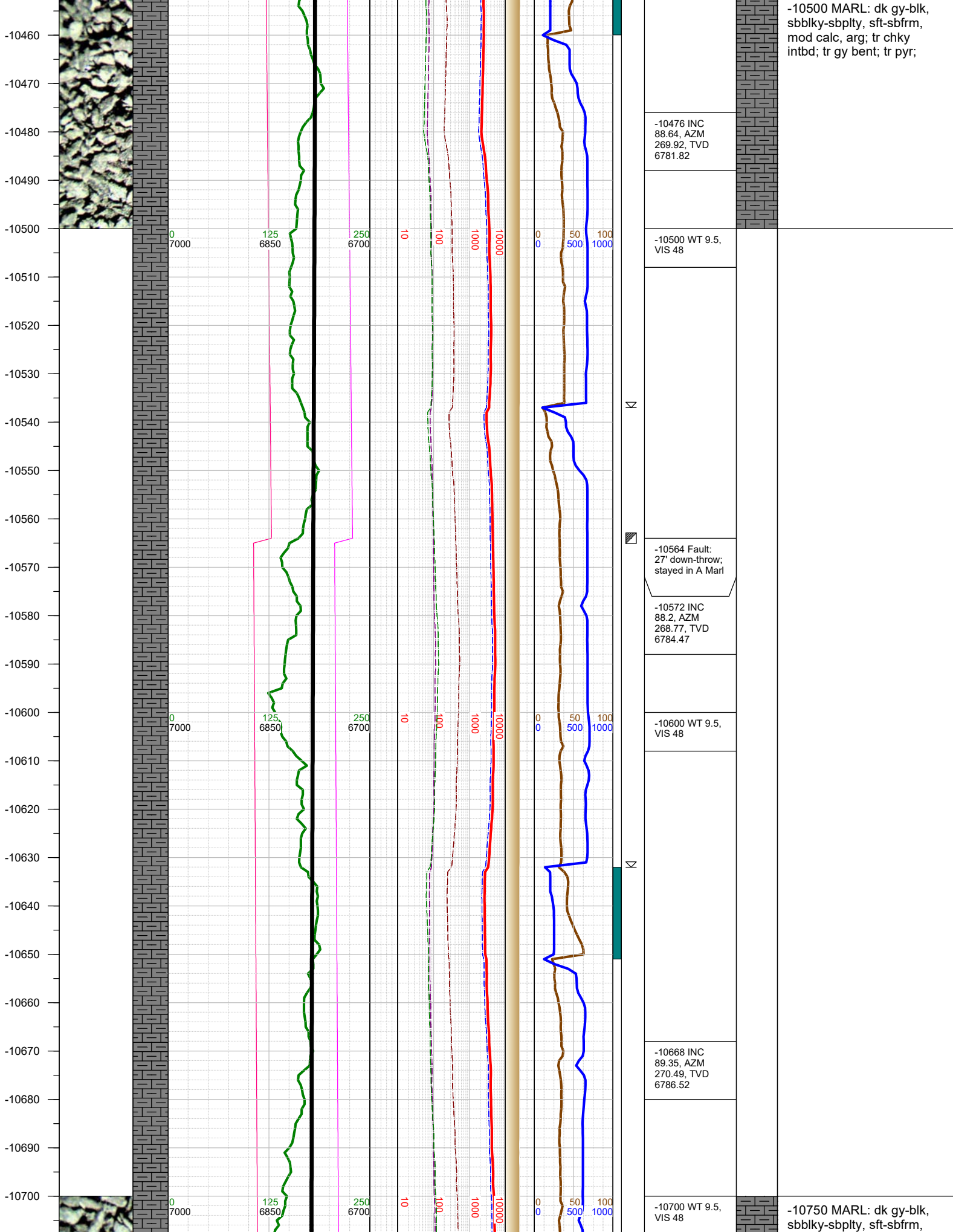






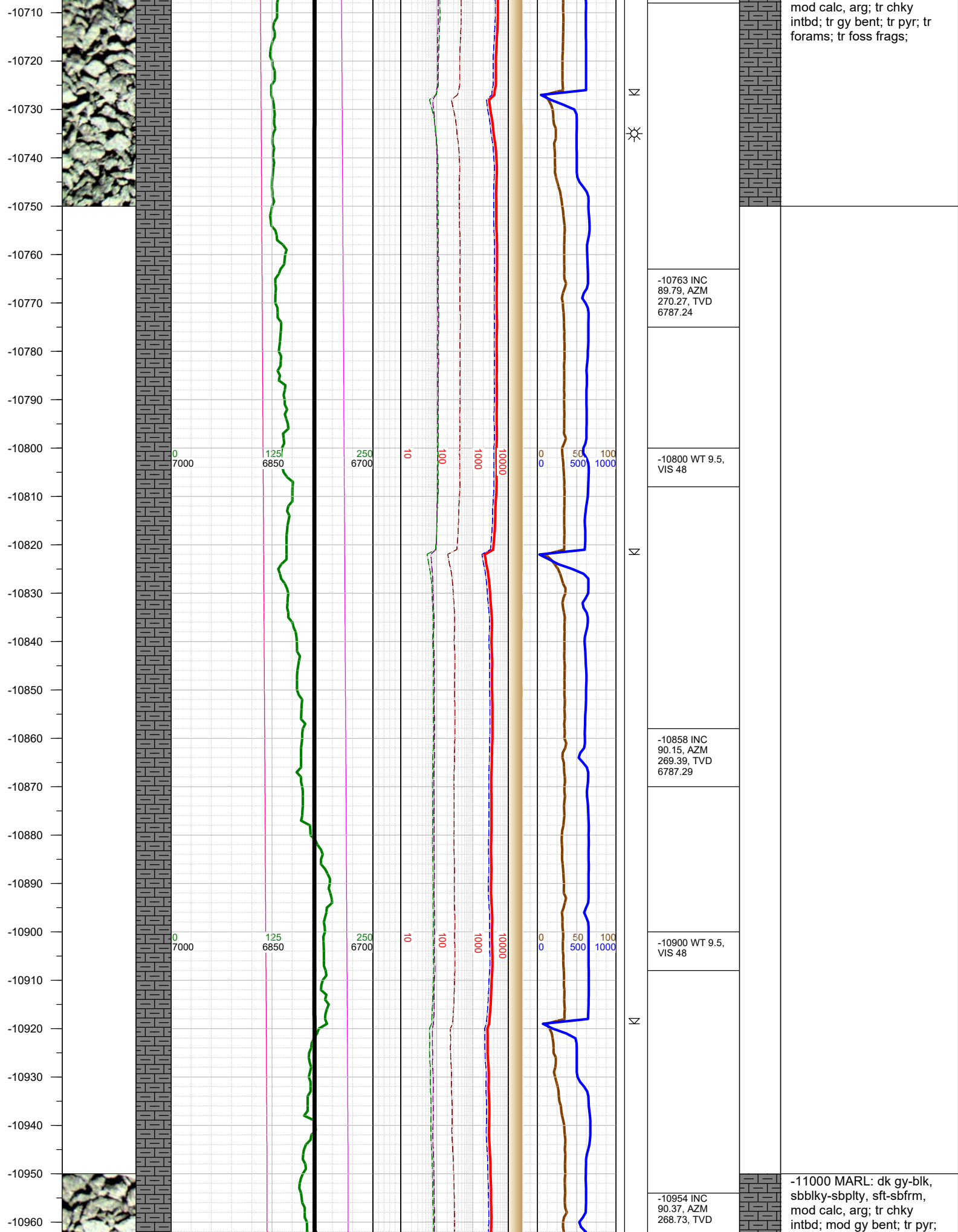


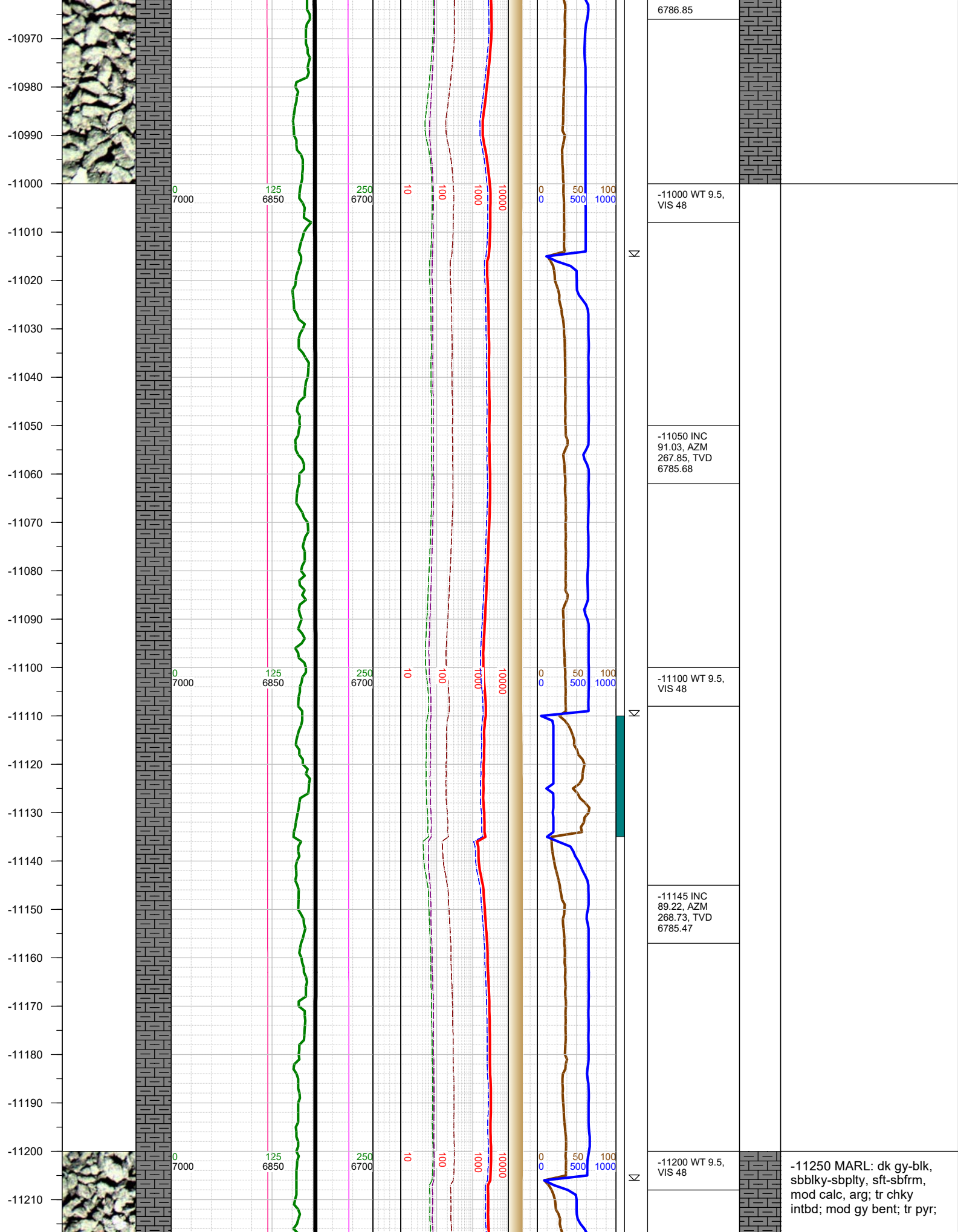


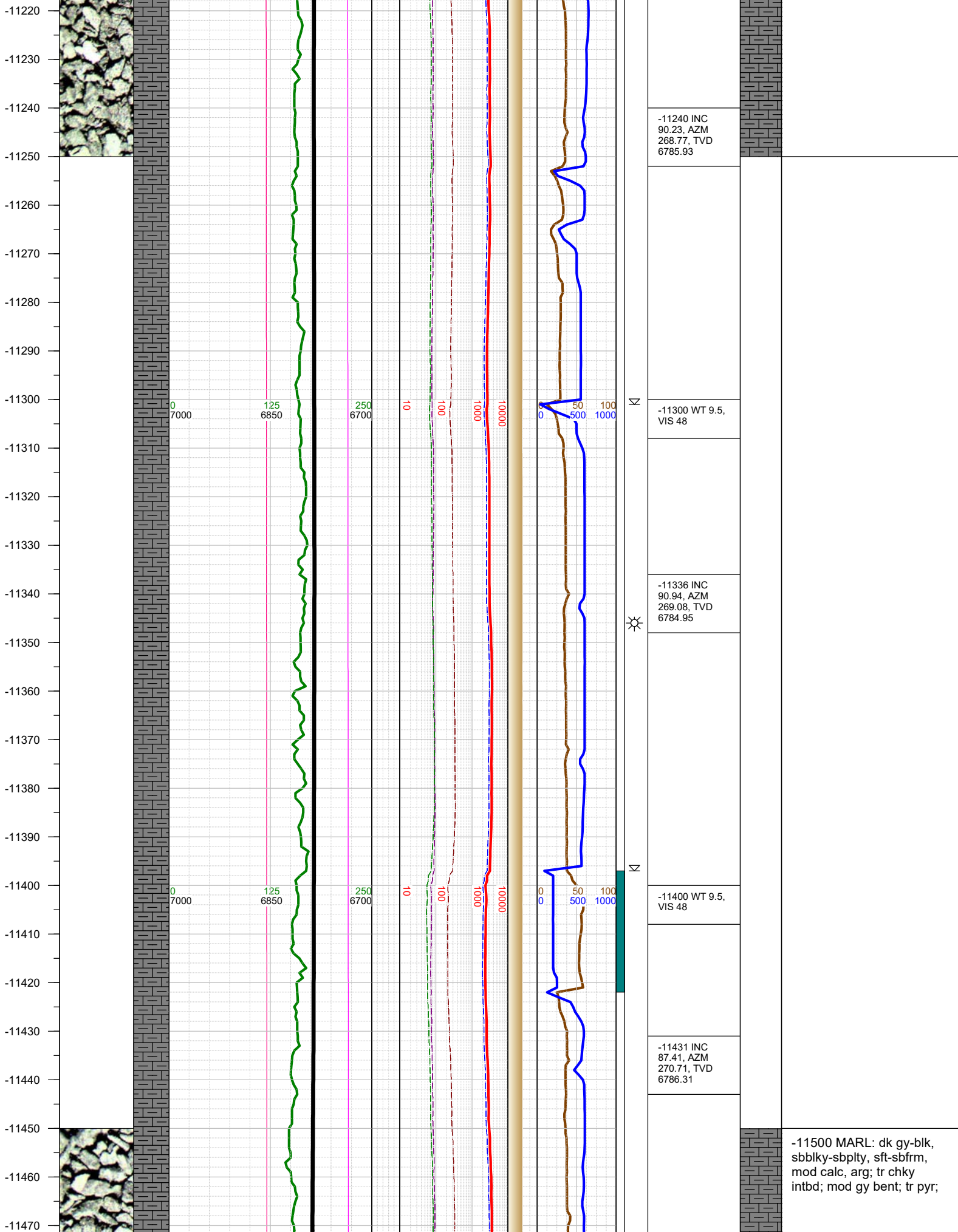


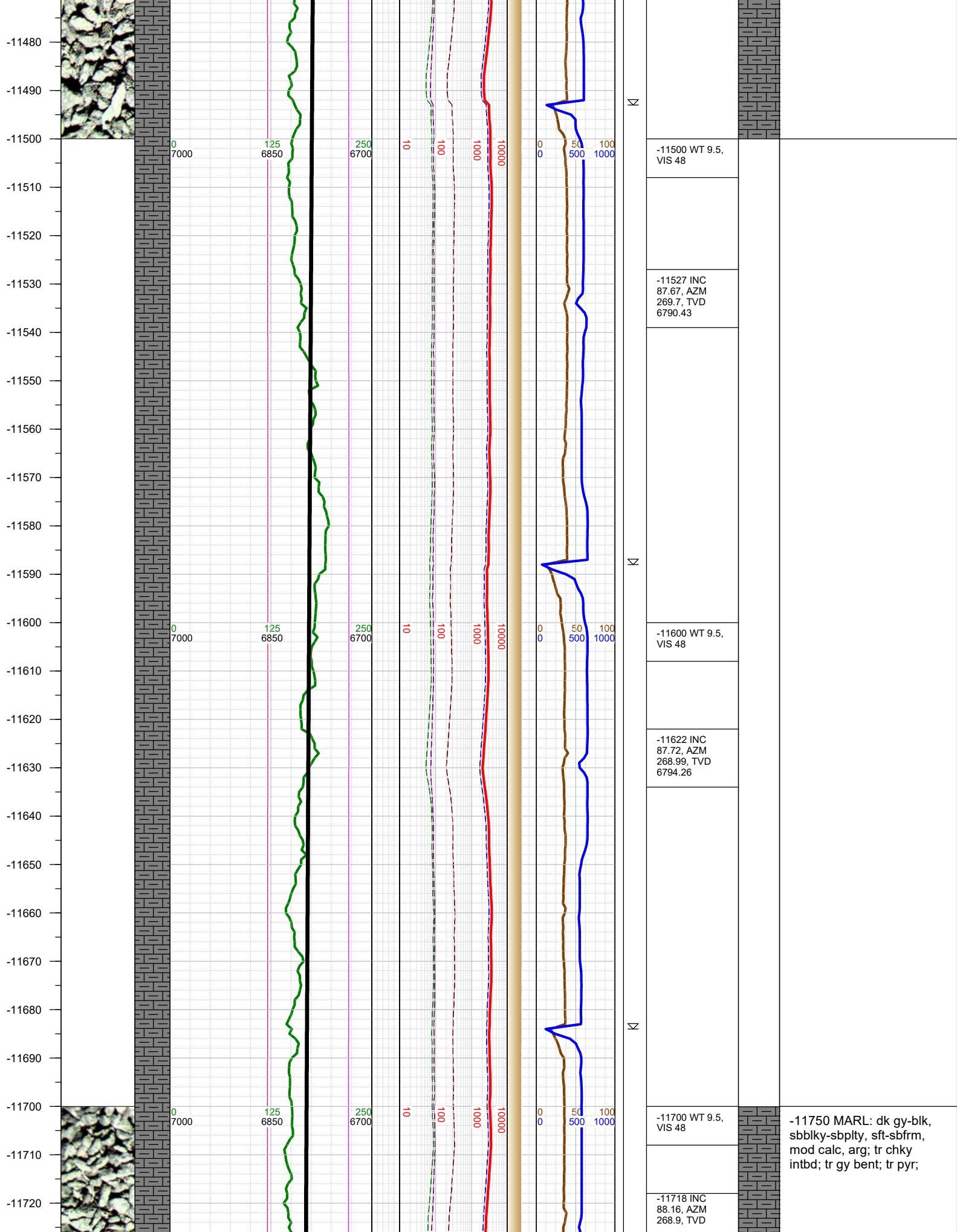
-10500 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, arg; tr chky intbd; tr gy bent; tr pyr;

-10750 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm,









-11500 WT 9.5,
VIS 48

-11527 INC
87.67, AZM
269.7, TVD
6790.43

-11600 WT 9.5,
VIS 48

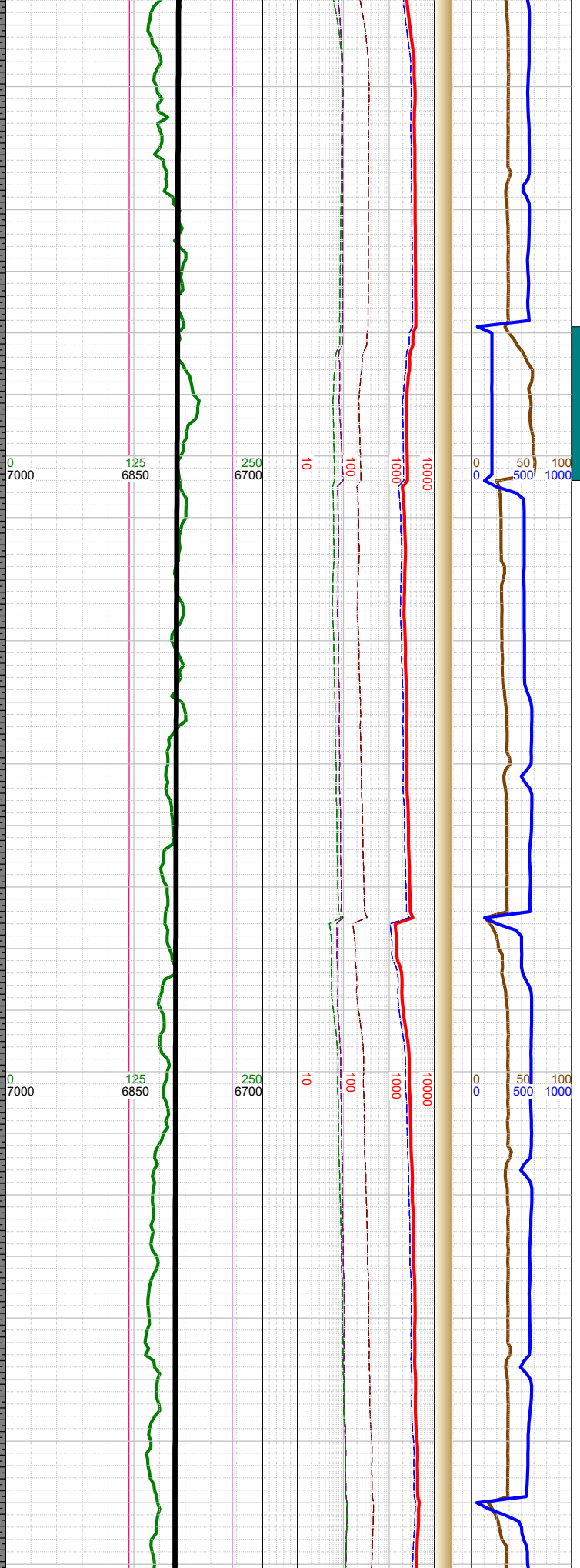
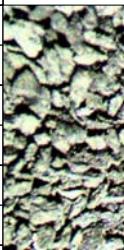
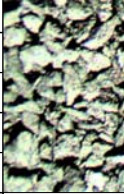
-11622 INC
87.72, AZM
268.99, TVD
6794.26

-11700 WT 9.5,
VIS 48

-11718 INC
88.16, AZM
268.9, TVD

-11750 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; tr chky
intbd; tr gy bent; tr pyr;

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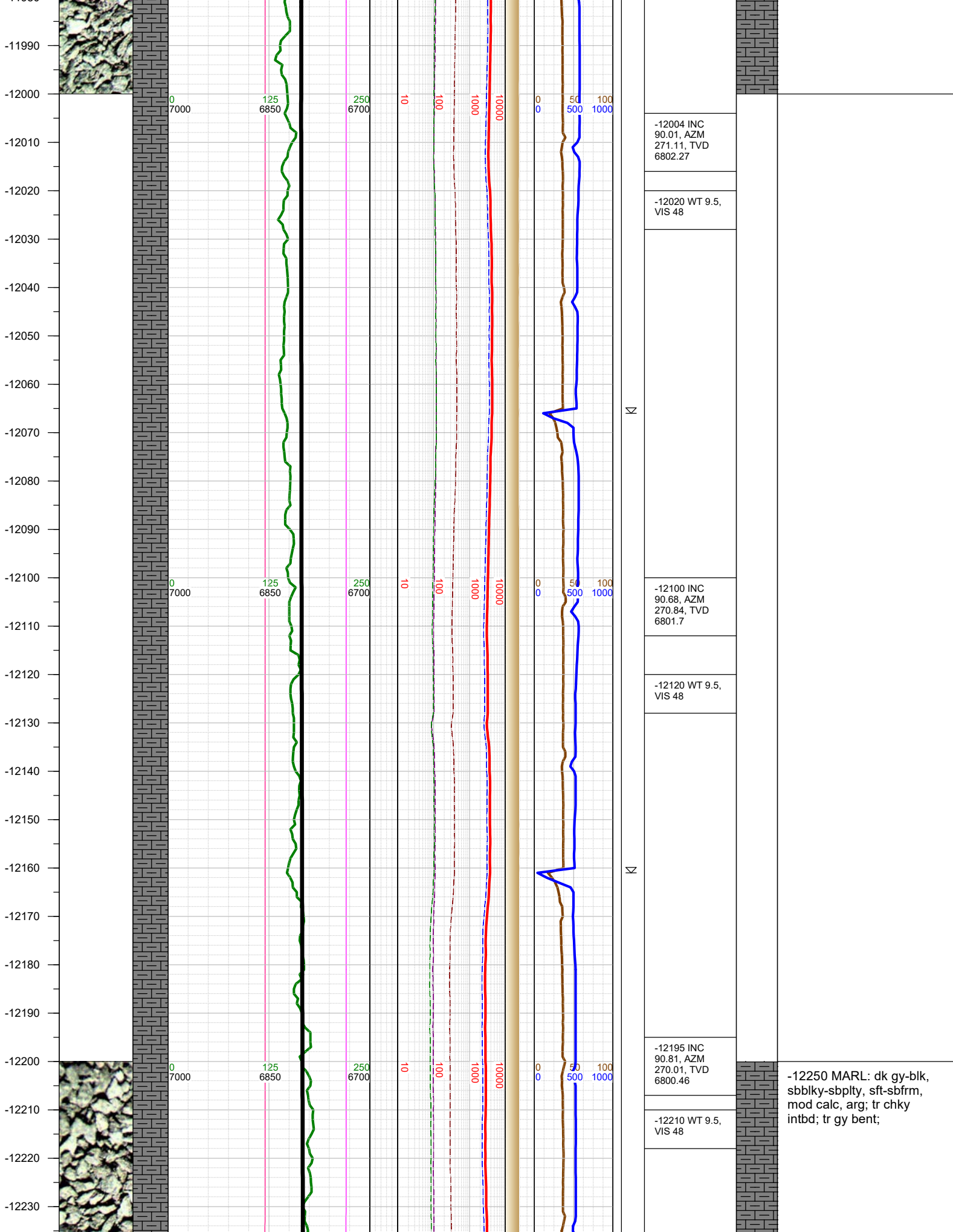
Σ

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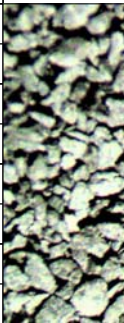
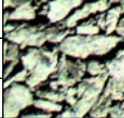
Σ

6797.71
-11800 WT 9.5, VIS 48
-11813 INC 89, AZM 271.64, TVD 6800.06
-11900 WT 9.5, VIS 48
-11909 INC 89.17, AZM 271.02, TVD 6801.59

-12000 MARL: dk gy-blk,
sbbky-sbply, sft-sbfrm,
mod calc, arg; tr chky
intbd; tr gy bent;



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-12290 INC
91.25, AZM
269.52, TVD
6798.75

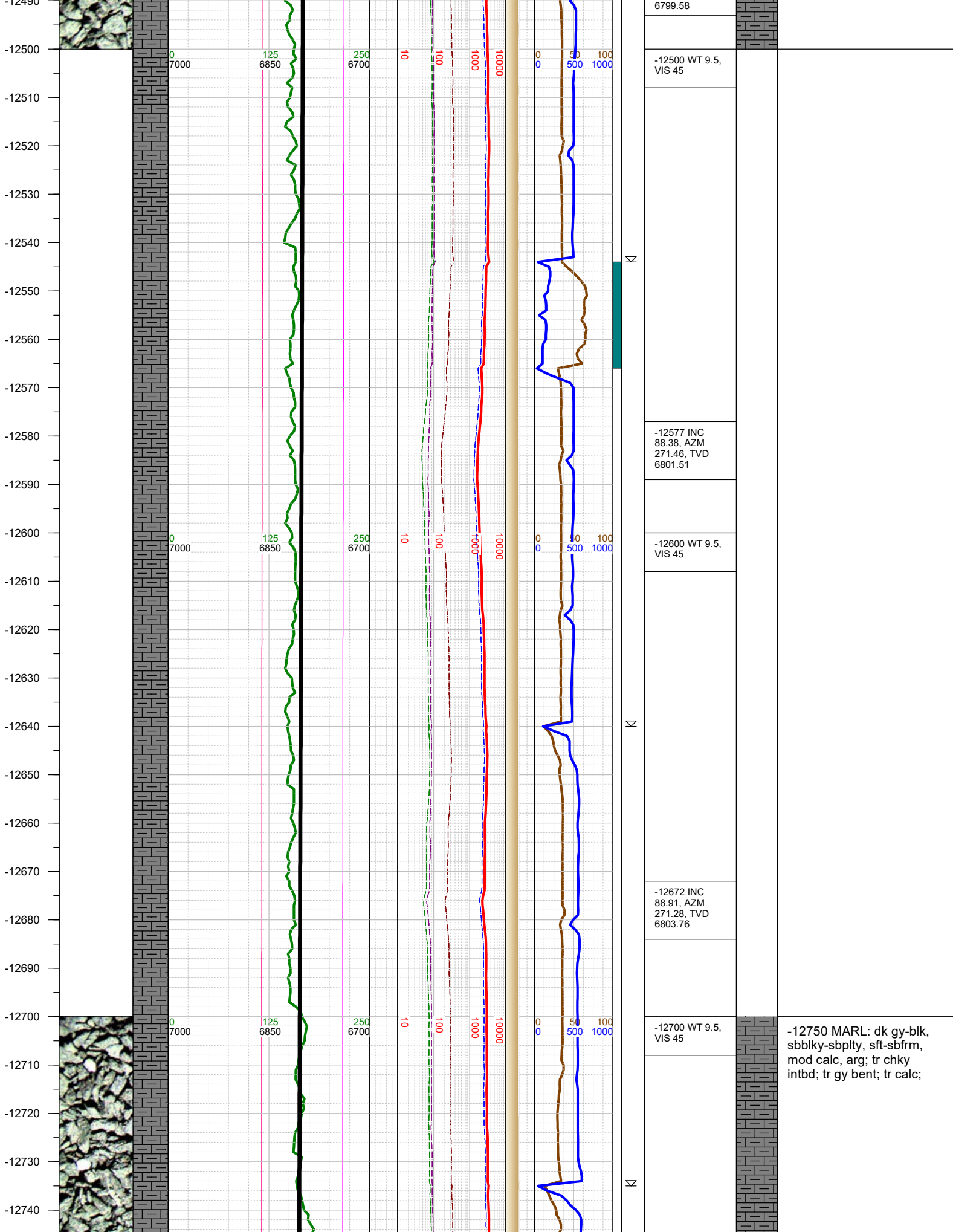
-12310 WT 9.5,
VIS 45

-12386 INC
89.22, AZM
270.01, TVD
6798.36

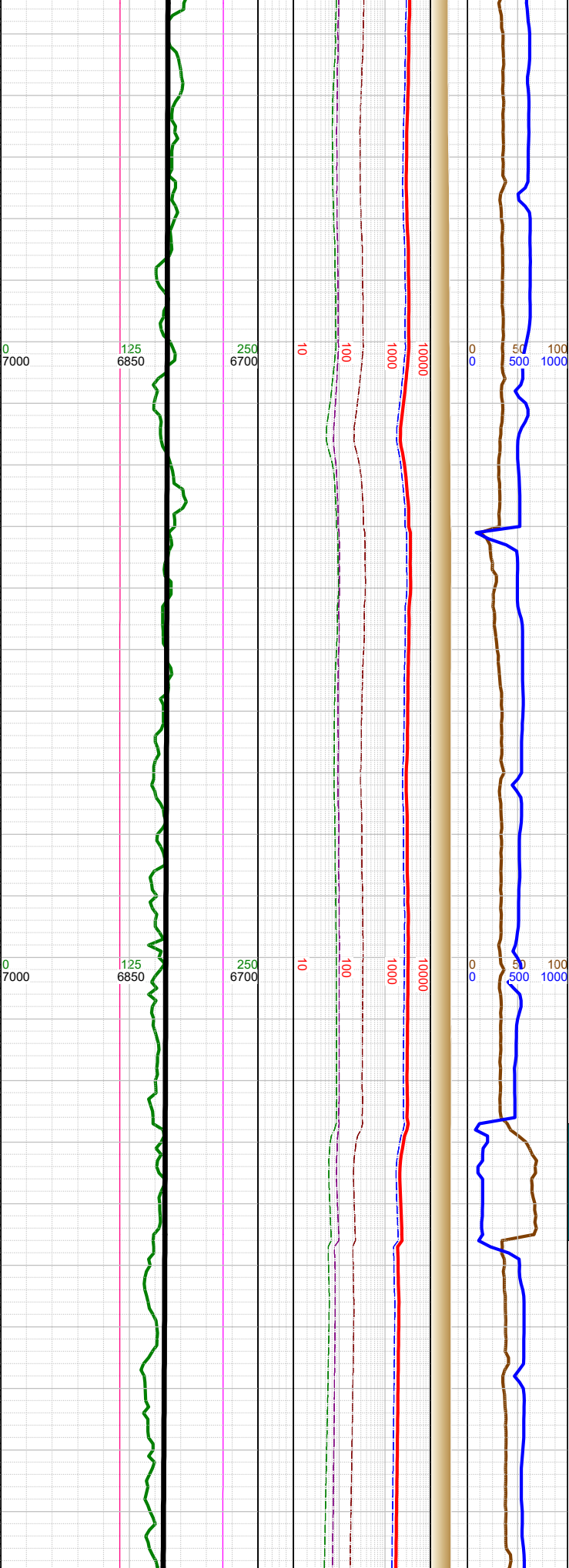
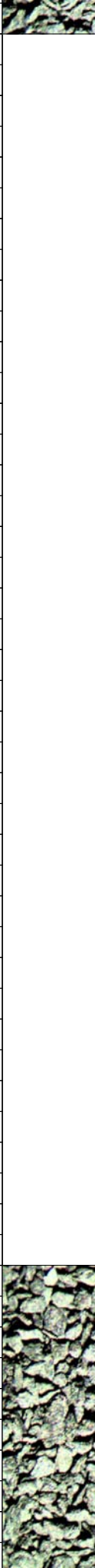
-12400 WT 9.5,
VIS 45

-12481 INC
89.31, AZM
269.3, TVD

-12500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; tr chky
intbd; tr gy bent;



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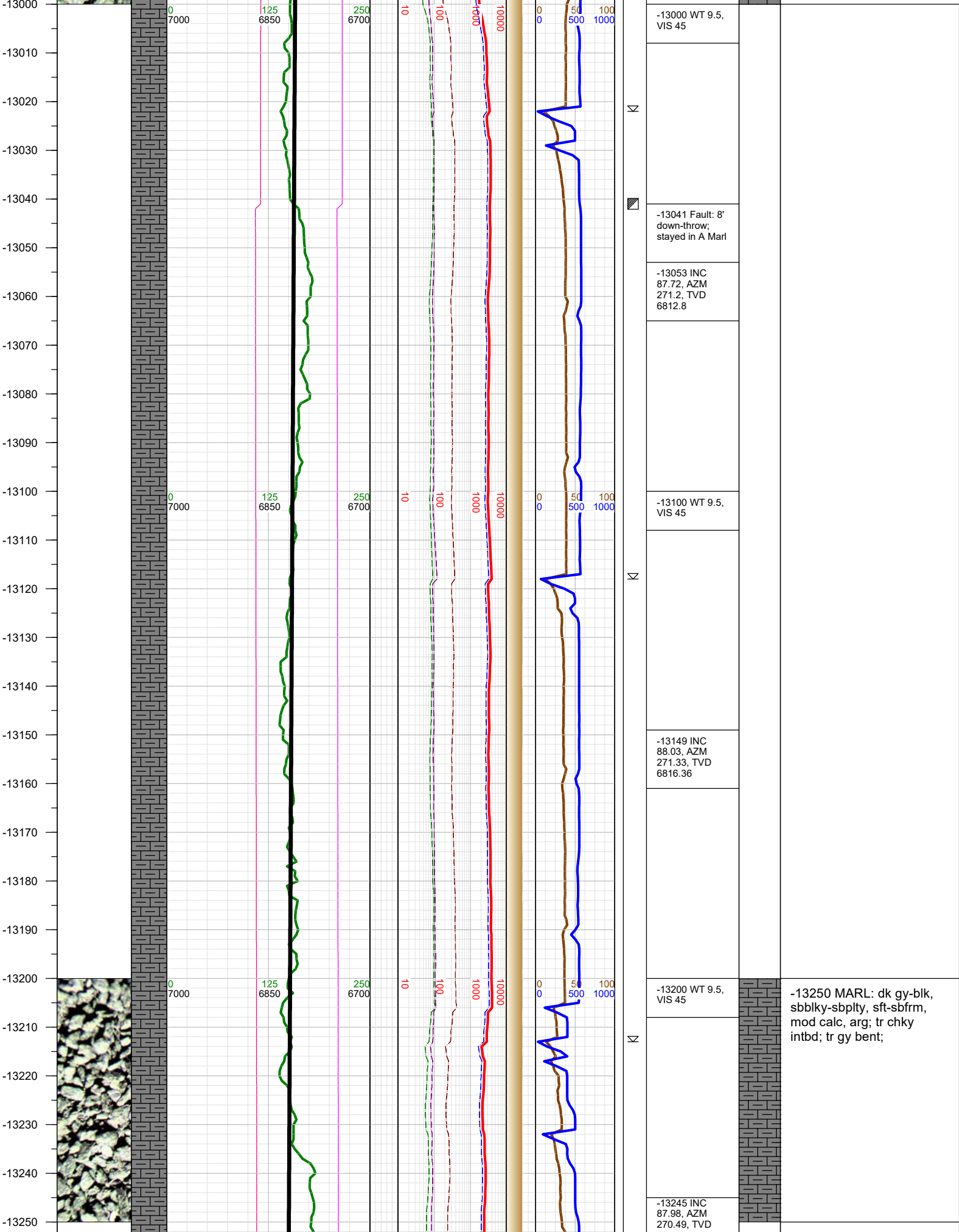


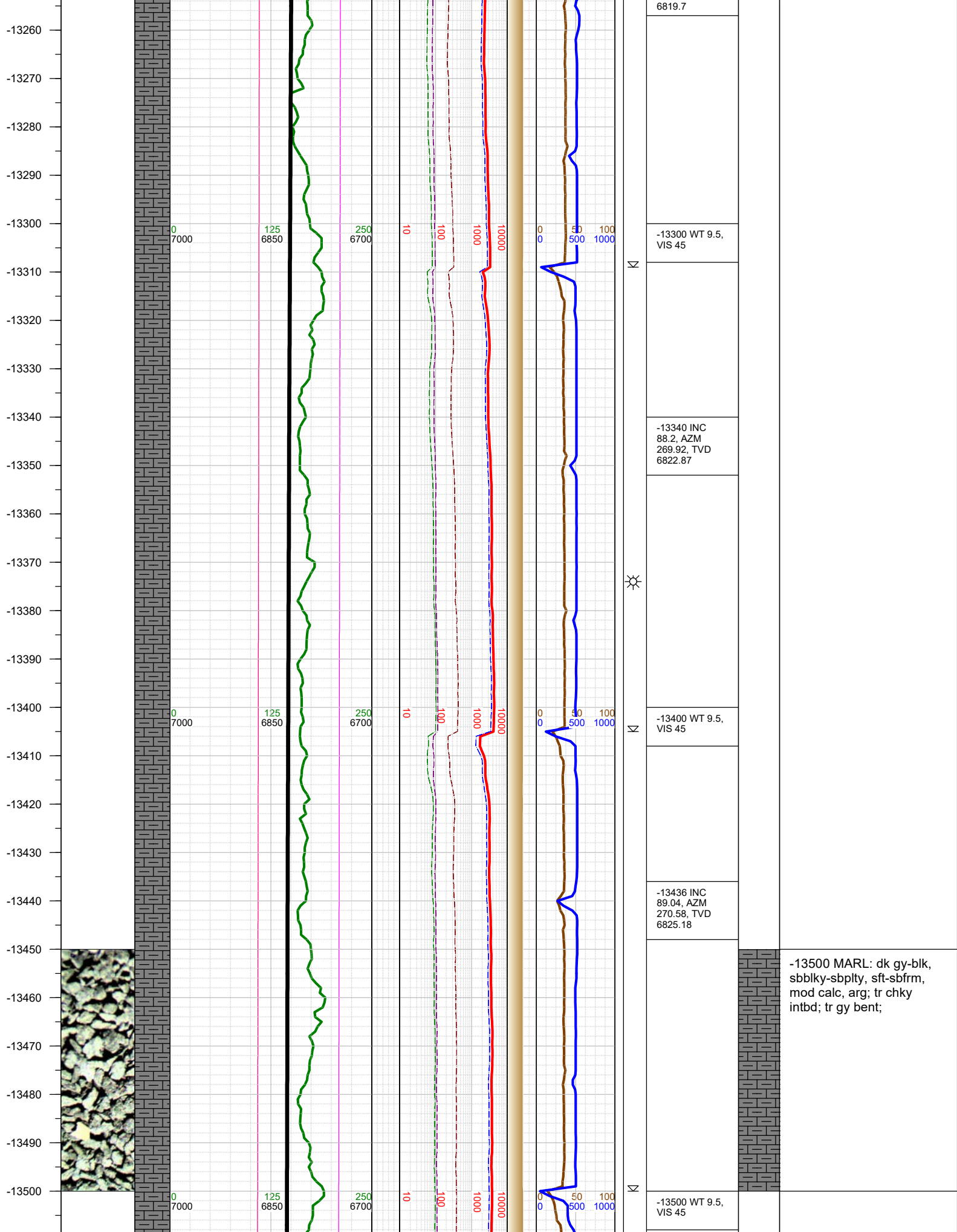
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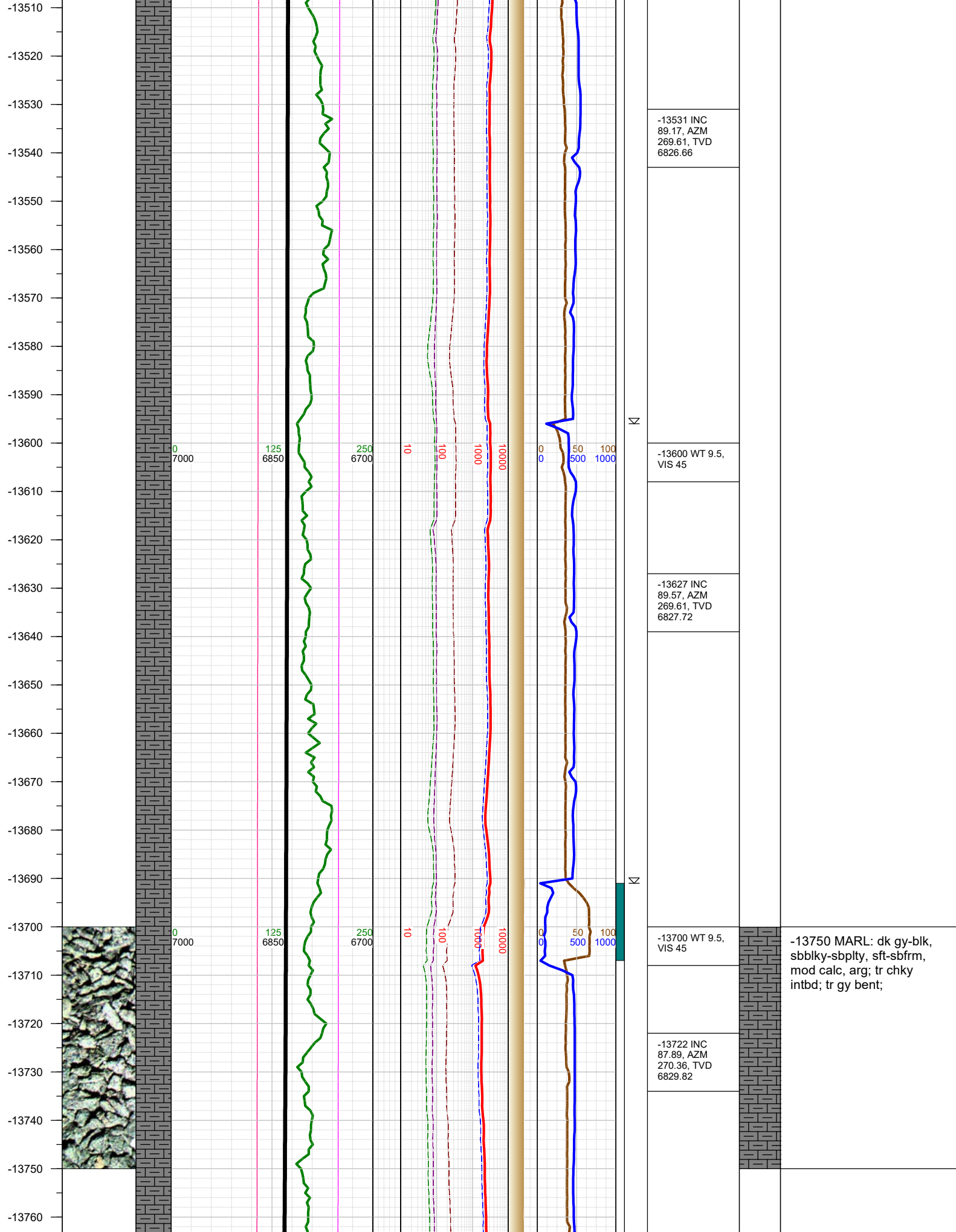
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	-12767 INC 89, AZM 270.23, TVD 6805.49
	-12800 WT 9.5, VIS 45
	-12863 INC 89.44, AZM 270.09, TVD 6806.8
	-12900 WT 9.5, VIS 45
	-12958 INC 87.8, AZM 271.99, TVD 6809.09

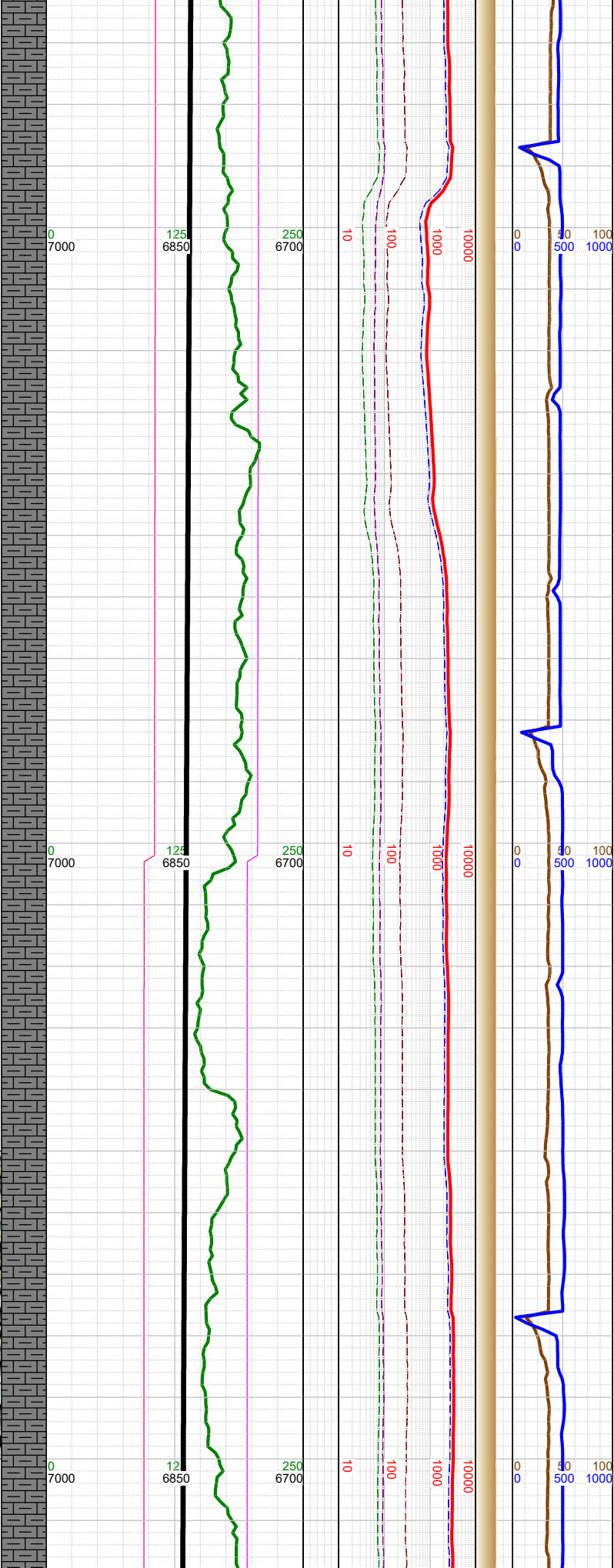
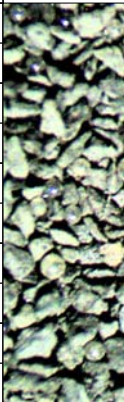
-13000 MARL: dk gy-blk,
sbbkly-sbpity, sft-sbfrm,
mod calc, arg; tr chky
intbd; tr gy bent;







-13770
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-14010



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-13800 WT 9.5,
VIS 44

-13818 INC
87.67, AZM
269.87, TVD
6833.54

-13902 Fault:
12' down-throw;
stayed in A Marl

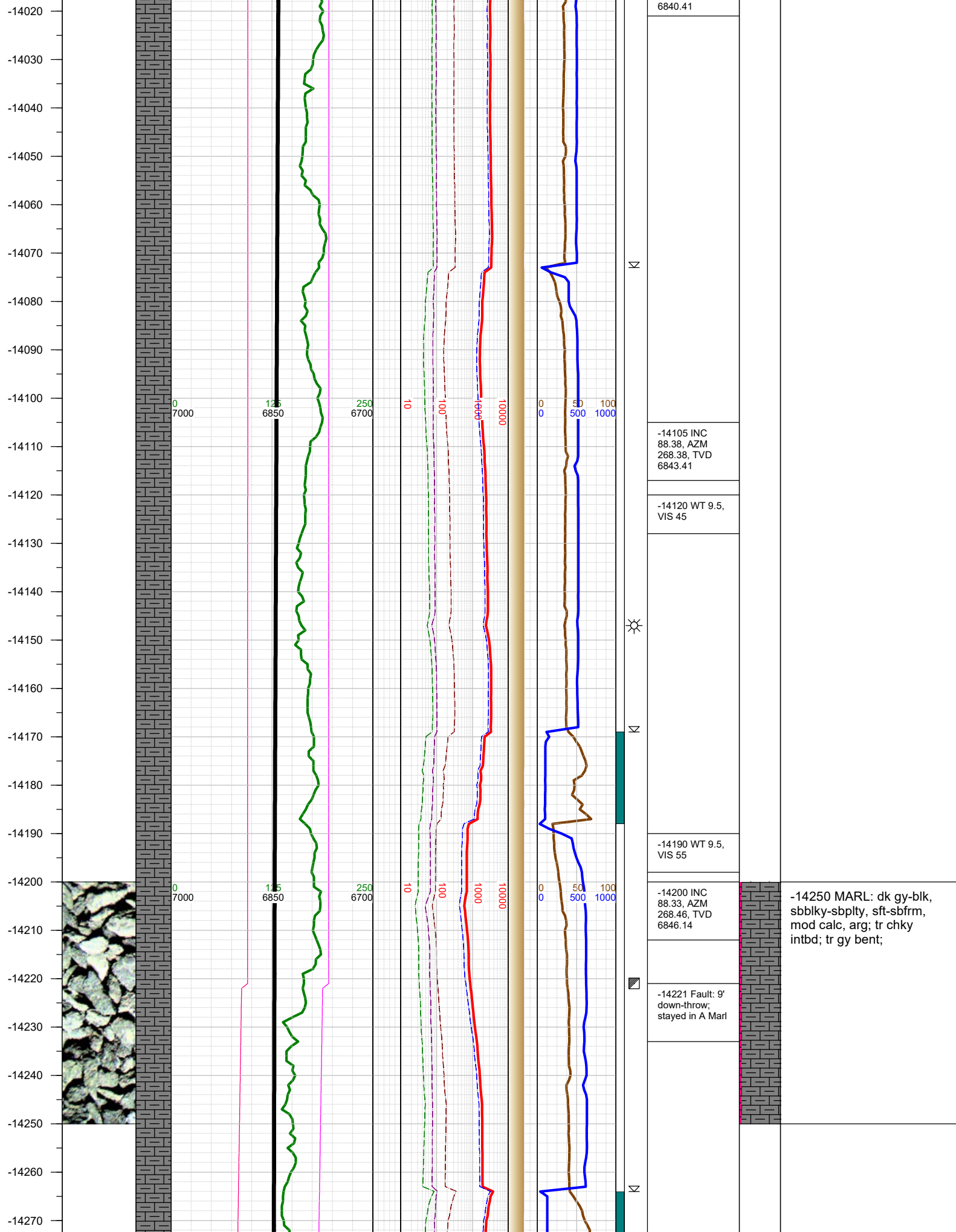
-13913 INC
88.03, AZM
269.96, TVD
6837.11

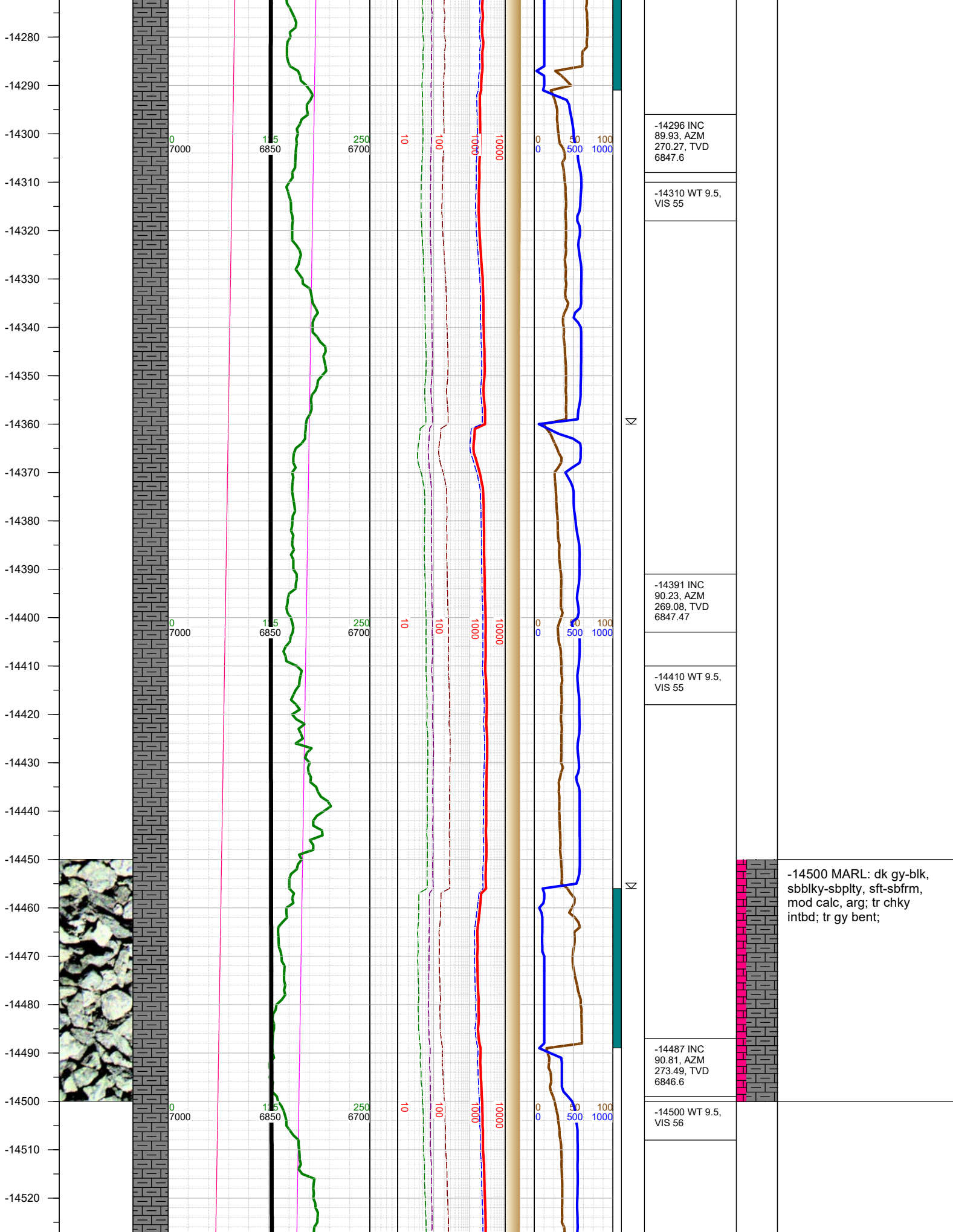
-13930 WT 9.5,
VIS 44

-14000 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; tr chky
intbd; tr gy bent;

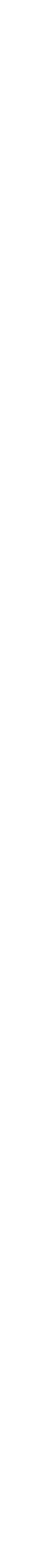
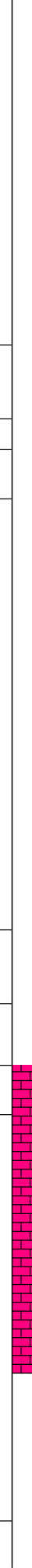
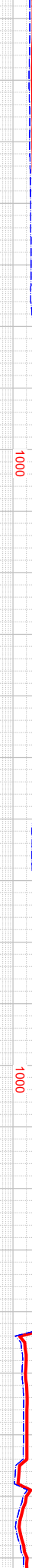
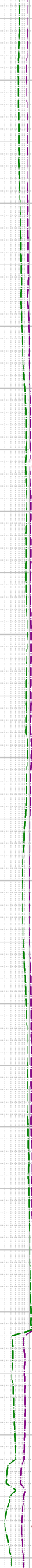
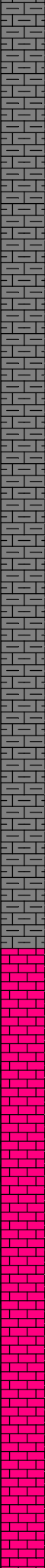
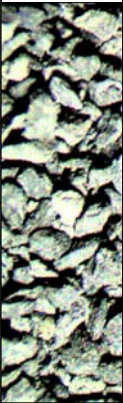
-14000 WT 9.5,
VIS 45

-14009 INC
88.03, AZM
269.48, TVD





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-14583 INC
91.21, AZM
273.27, TVD
6844.9

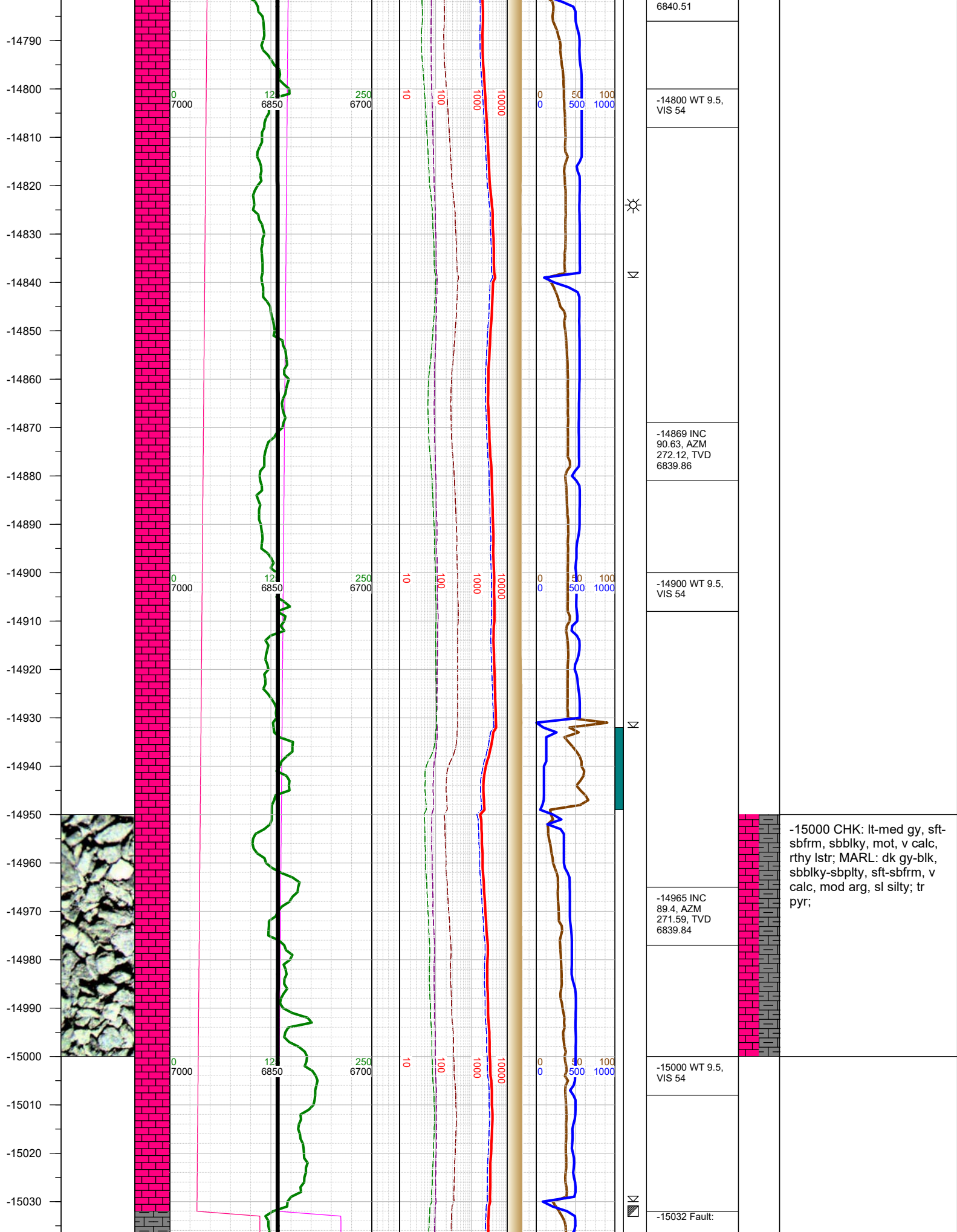
-14600 WT 9.5,
VIS 56

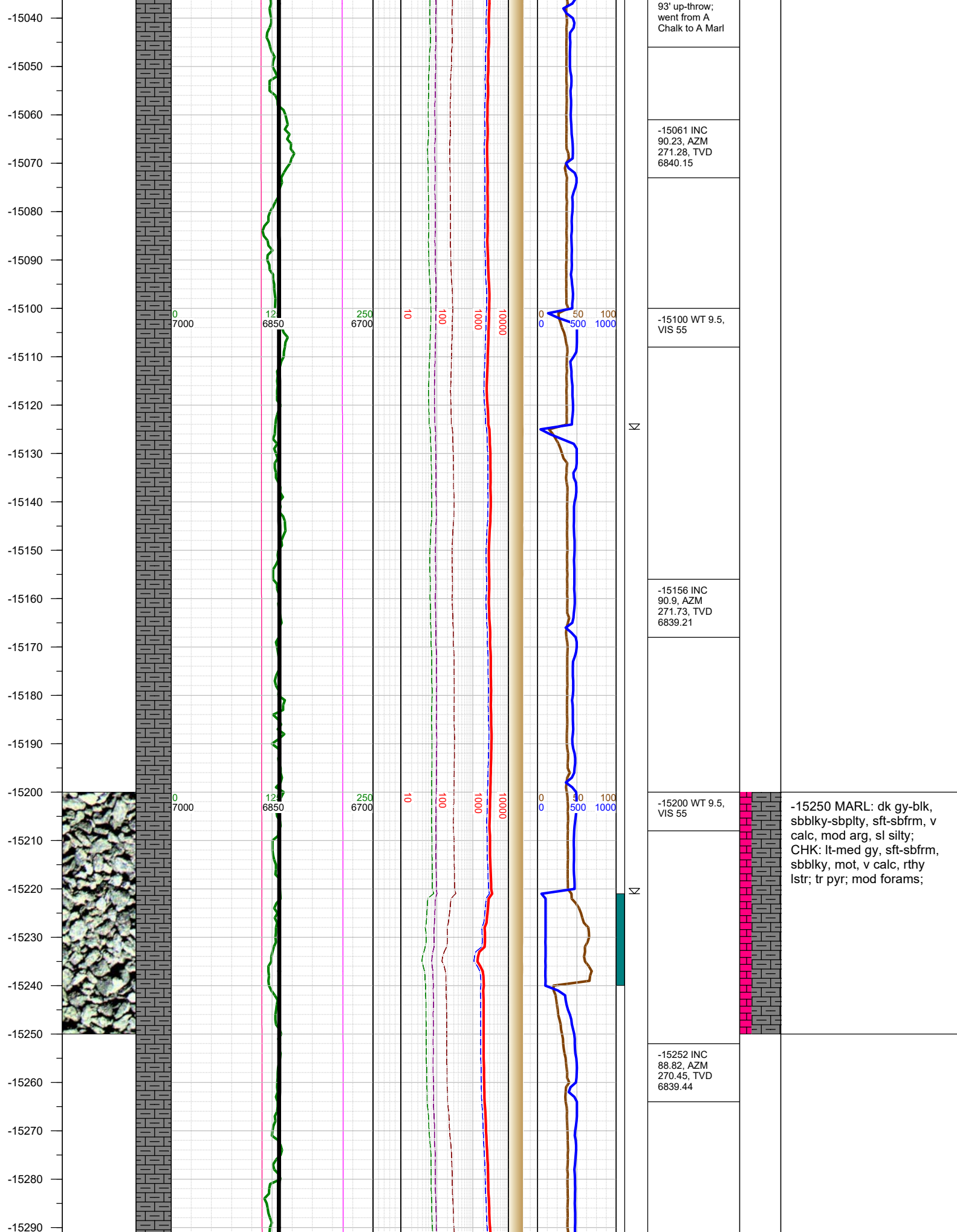
-14678 INC
91.96, AZM
272.52, TVD
6842.28

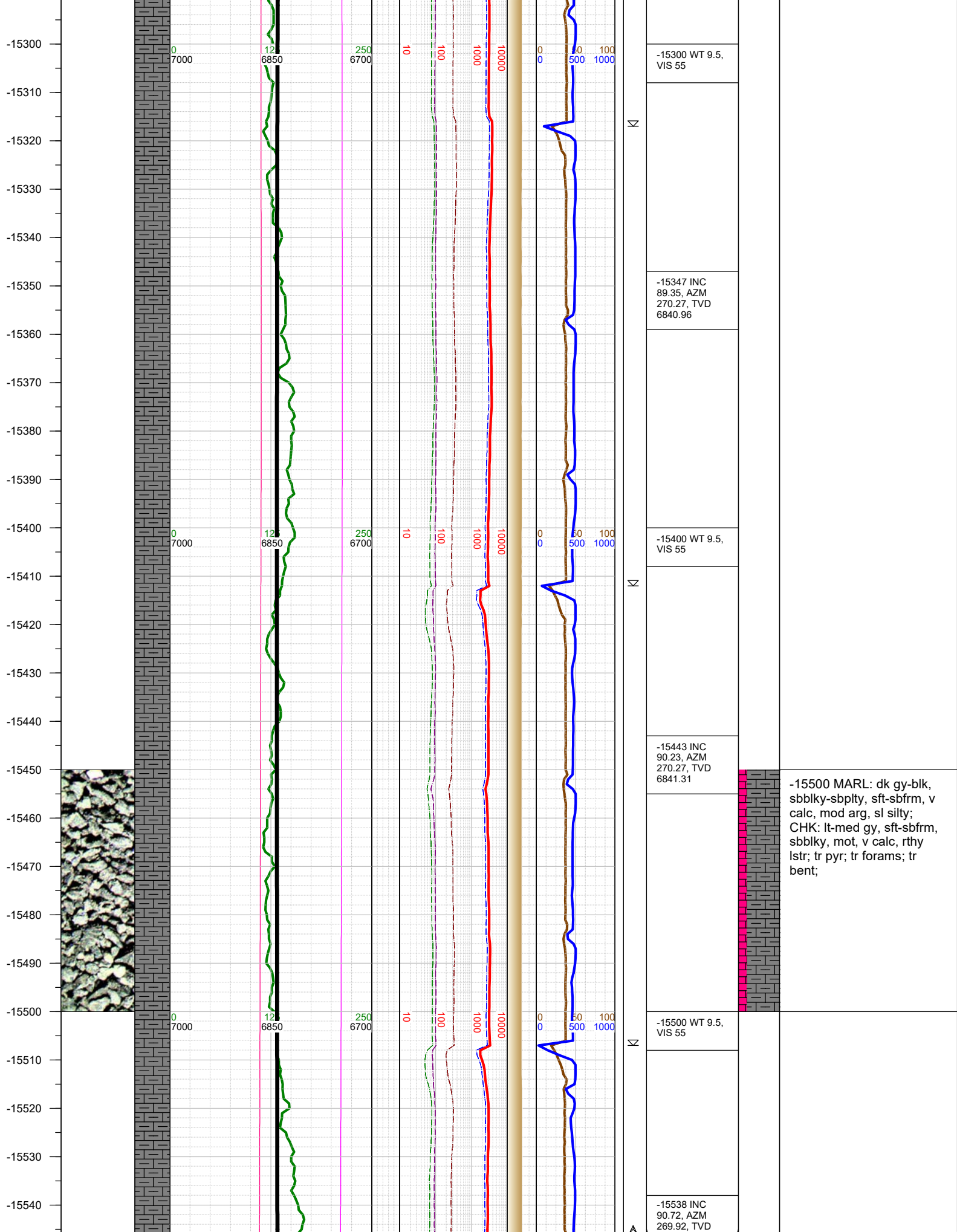
-14700 WT 9.5,
VIS 54

-14750 CHK: lt-med gy, sft-
sbfrm, sbblky, mot, v calc,
rthy lstr; MARL: dk gy-blk,
sbblky-sbplty, sft-sbfrm, v
calc, mod arg, sl silty; tr
pyr;

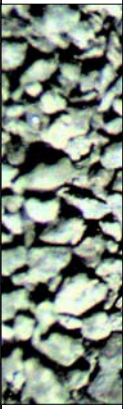
-14774 INC
90.15, AZM
271.95, TVD



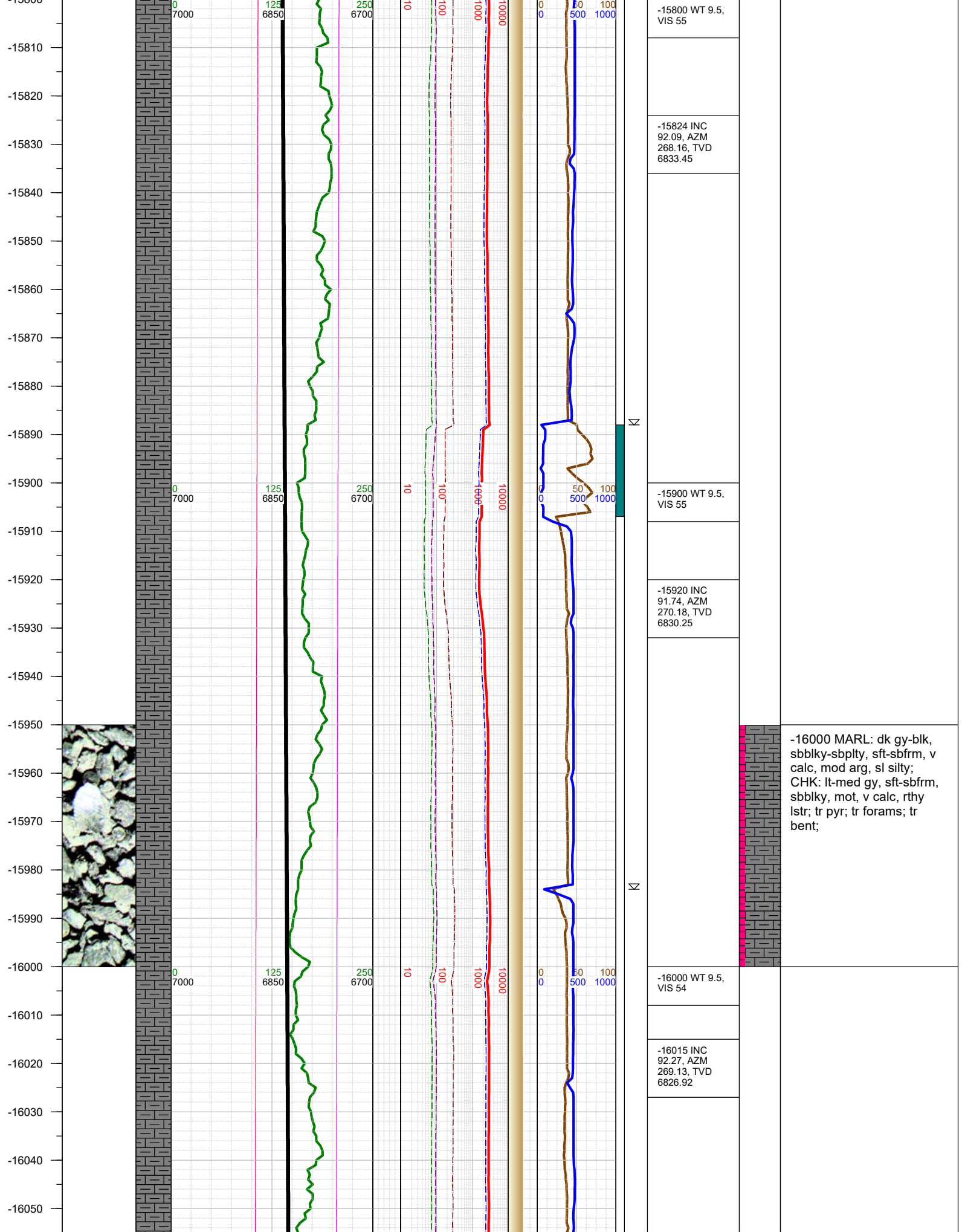




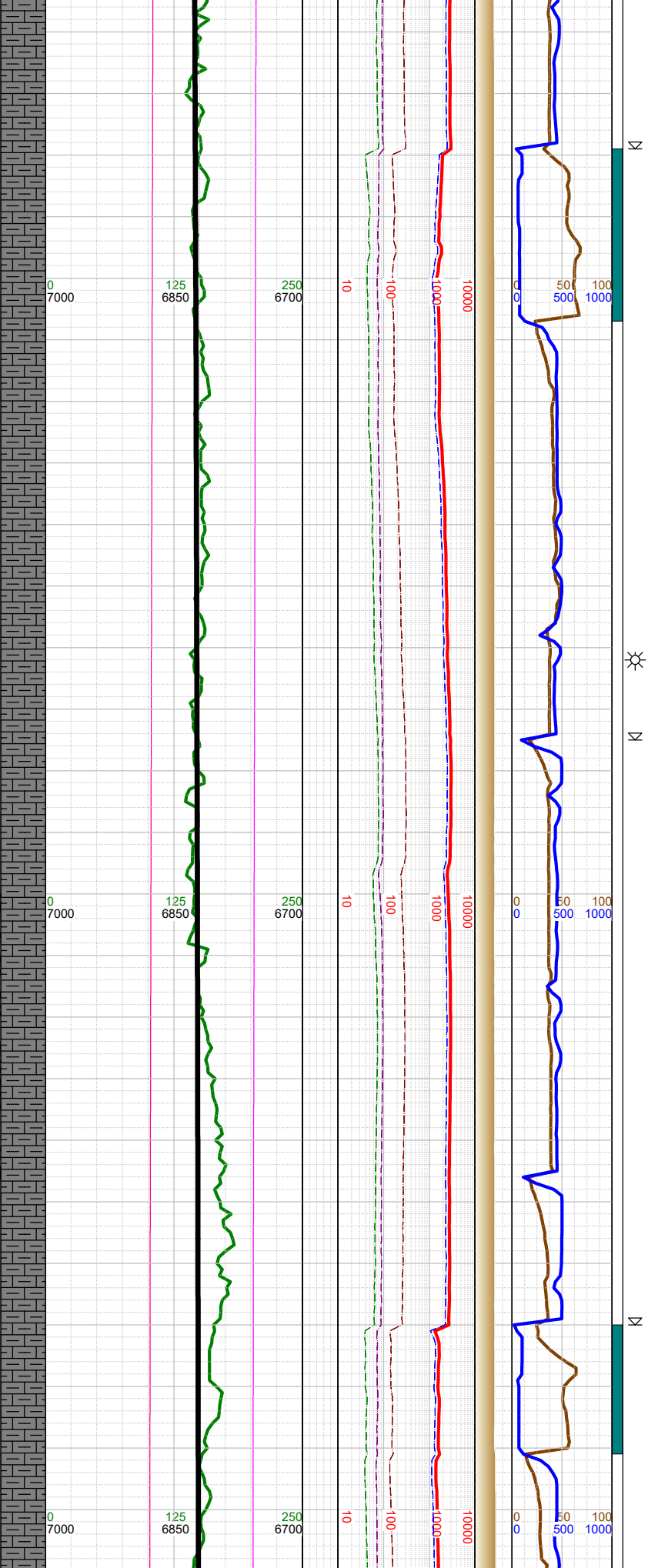
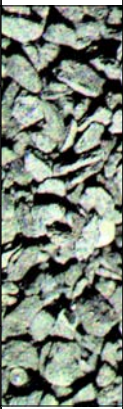
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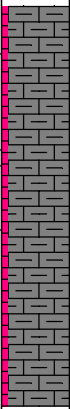
6840.53	-15545 0000 hrs on 4/2/2019	
	-15600 WT 9.5, VIS 55	
	-15634 INC 91.16, AZM 269.08, TVD 6838.95	
	-15700 WT 9.5, VIS 55	-15750 MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: lt-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; tr pyr; tr forams; tr bent;
	-15729 INC 91.69, AZM 268.95, TVD 6836.59	



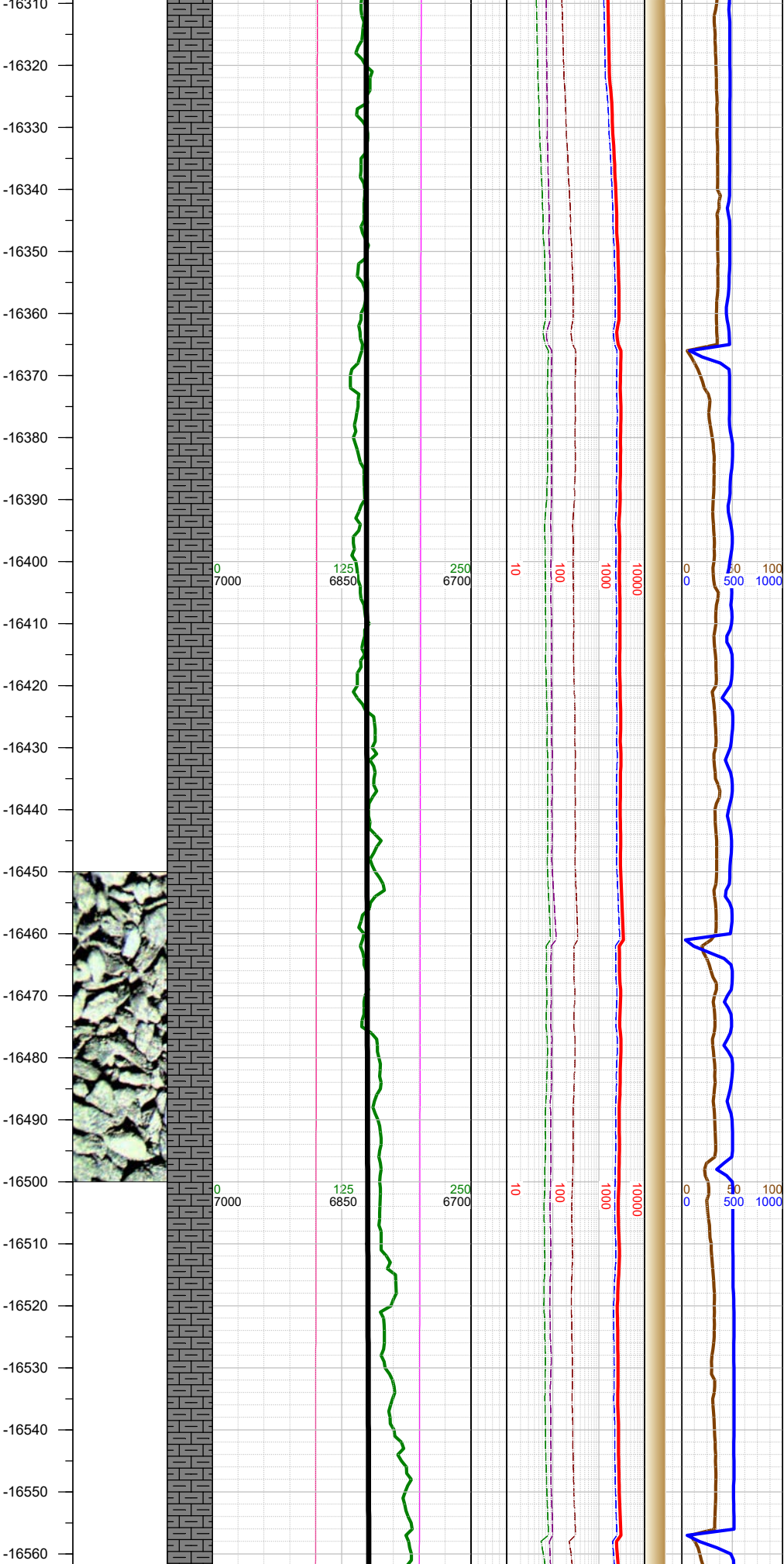
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-16300



	-16100 WT 9.5, VIS 54
	-16111 INC 90.72, AZM 270.98, TVD 6824.42
	-16206 INC 91.3, AZM 270.67, TVD 6822.74
	-16220 WT 9.5, VIS 54
	-16302 INC 89.97, AZM 270.84, TVD



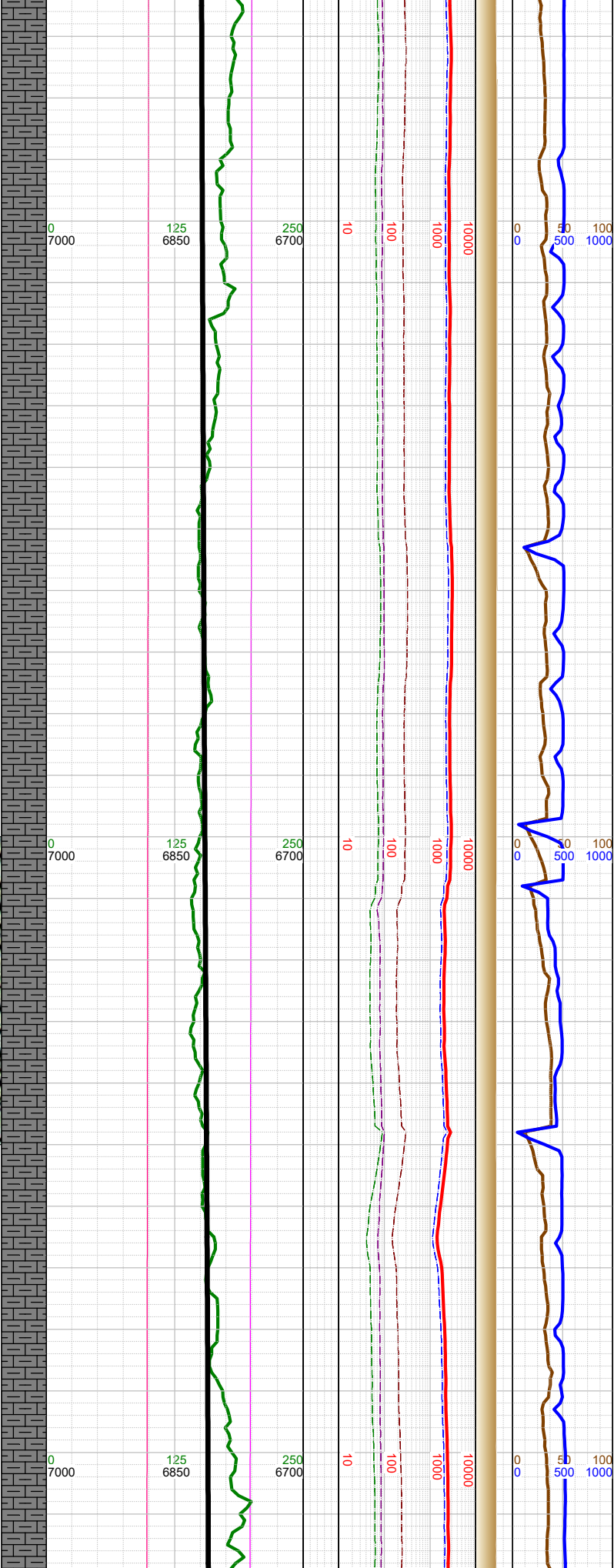
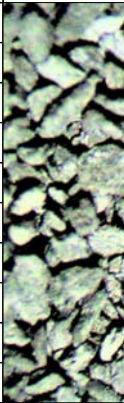
-16250 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: lt-med gy, sft-sbfrm,
sbbly, mot, v calc, rthy
lstr; tr pyr; tr forams; tr
bent;



6821.68	N		
-16320 WT 9.5, VIS 54	N		
-16398 INC 90.41, AZM 270.62, TVD 6821.36	N		
-16410 WT 9.5, VIS 54			
	N		
-16493 INC 91.03, AZM 270.62, TVD 6820.17	N		
-16510 WT 9.5, VIS 54			

-16500 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: lt-med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; tr pyr; tr bent;

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-16790
-16800
-16810



-16589 INC
91.34, AZM
269.65, TVD
6818.18

-16610 WT 9.5,
VIS 54

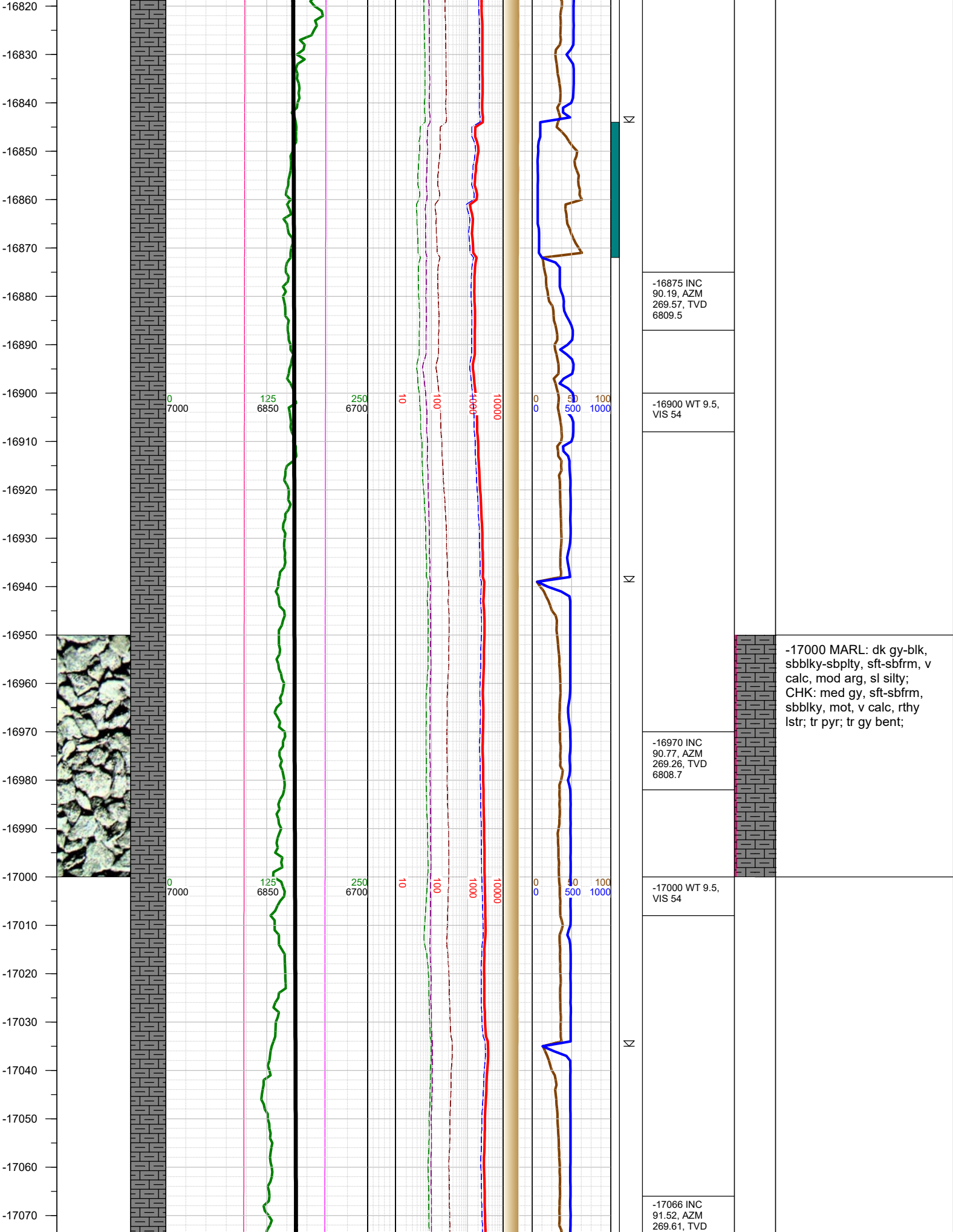
-16684 INC
91.87, AZM
269.65, TVD
6815.52

-16700 WT 9.5,
VIS 54

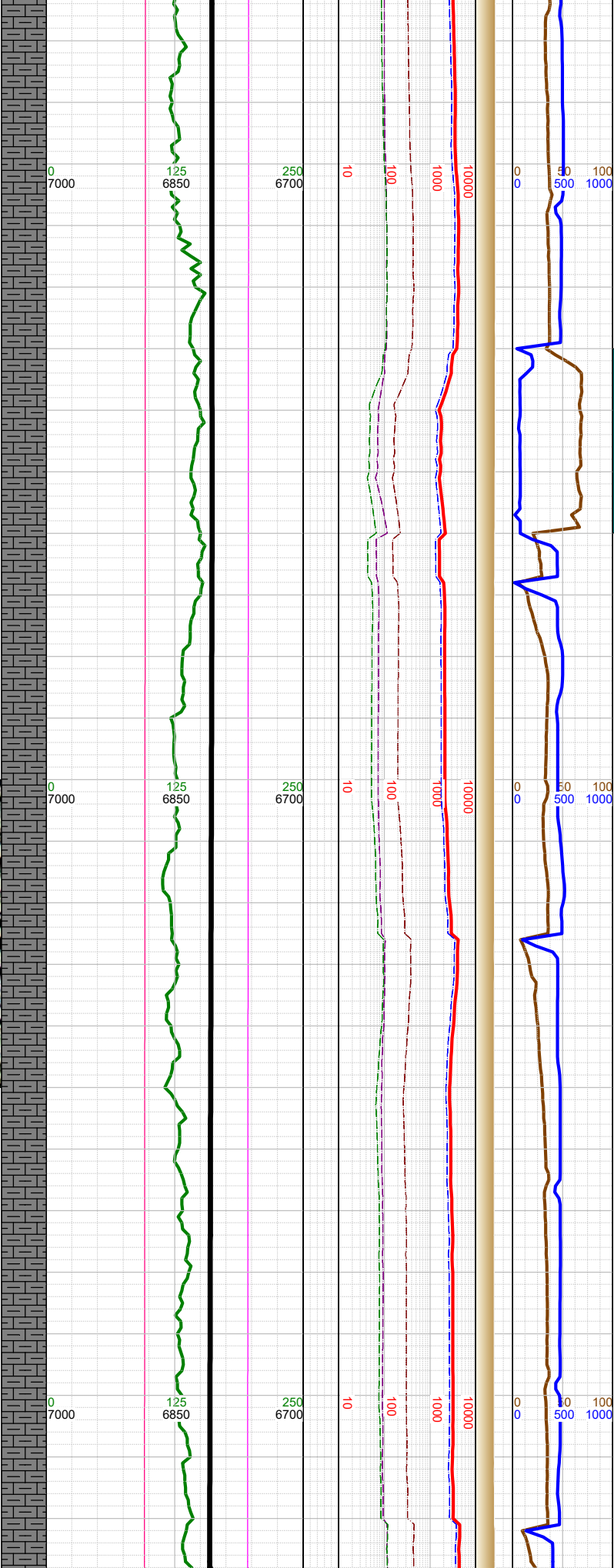
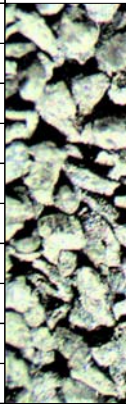
-16780 INC
92.58, AZM
269.35, TVD
6811.79

-16800 WT 9.5,
VIS 54

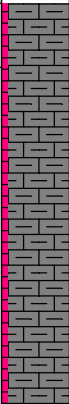
-16750 MARL: dk gy-blk,
sbbkly-sbpity, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: lt-med gy, sft-sbfrm,
sbbkly, mot, v calc, rthy
lstr; tr pyr; tr bent;



-17080
-17090
-17100
-17110
-17120
-17130
-17140
-17150
-17160
-17170
-17180
-17190
-17200
-17210
-17220
-17230
-17240
-17250
-17260
-17270
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-17290
-17300
-17310
-17320



6806.78	
-17100 WT 9.5, VIS 54	
-17161 INC 88.82, AZM 271.02, TVD 6806.5	
-17200 WT 9.5, VIS 54	
-17256 INC 89, AZM 270.98, TVD 6808.31	
-17300 WT 9.5, VIS 54	



-17250 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; tr pyr; mod gy bent;

