

OPERATOR: **Bayswater E&P, LLC**

WELL NAME: **KTC Farms A-35-36HN**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: True 38

API #: 05-123-47272

LAT/LONG: 40.538097, -104.75256

SURFACE HOLE: NWNW S35-T7N-R66W, 252' FNL, 465' FWL

BOTTOM HOLE: S36-T7N-R66W, 165' FNL, 470' FEL

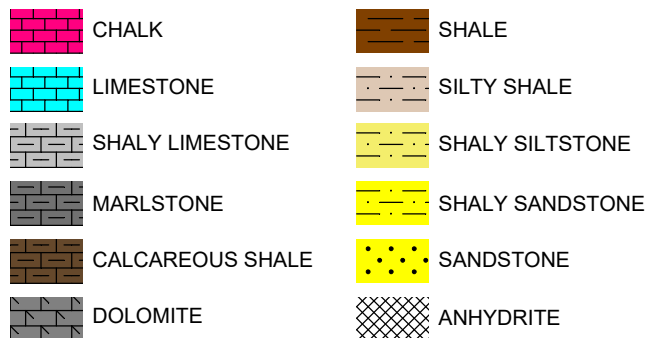


Earth Science Agency, LLC

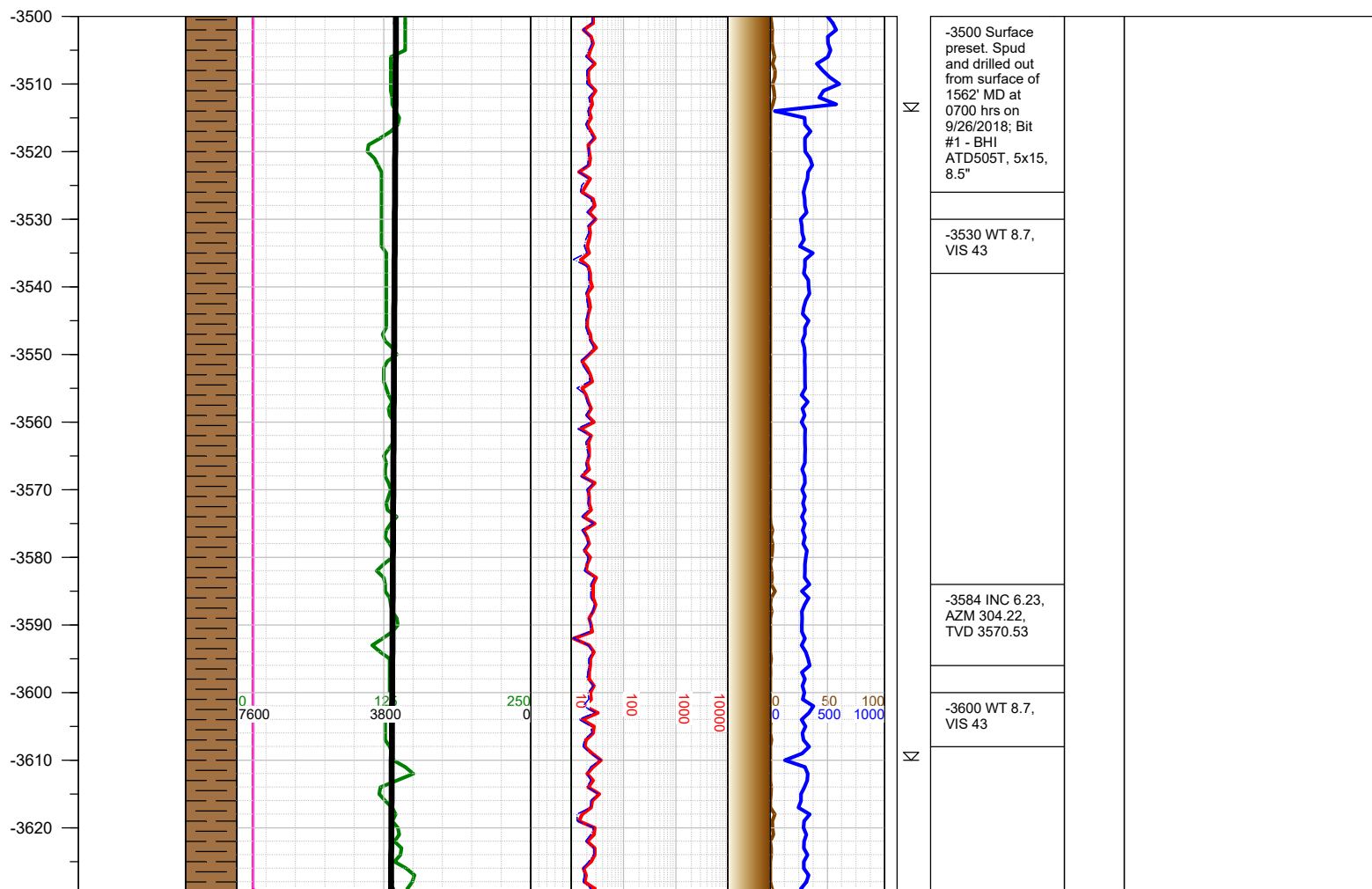
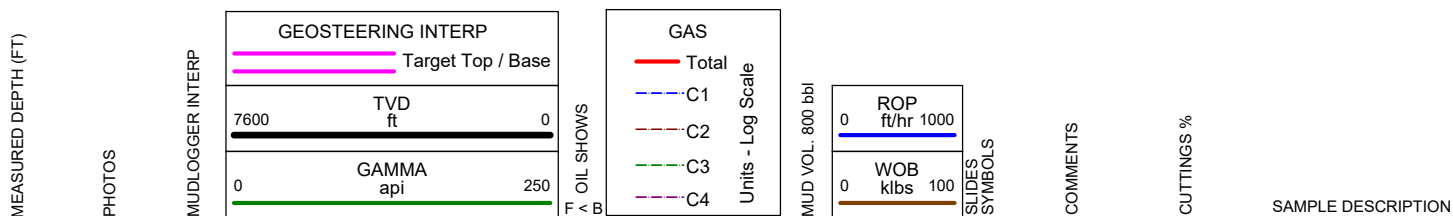
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4861'
KELLY BUSHING: 4886'
DRILLING FLUID: OBM
TVD VS. MD: 7175' / 17307'
SPUD DATE: September 26, 2018
TD DATE: September 29, 2018

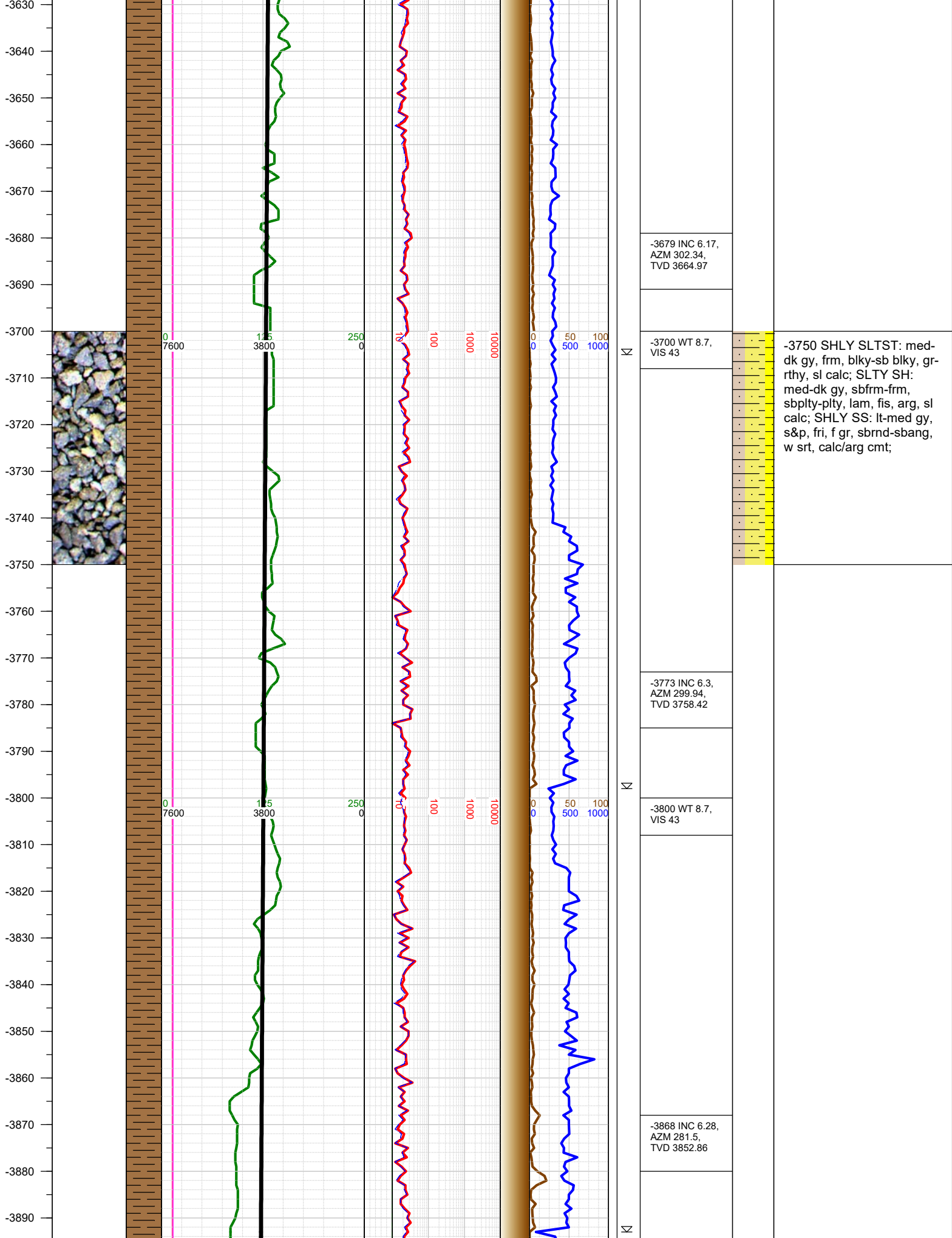
DEPTHS LOGGED: 3500' - 17307'
DATES LOGGED: September 26, 2018 - September 29, 2018
GEOLOGISTS: Scott Snoy, Kyle Welty
SCALE: 5" = 100'

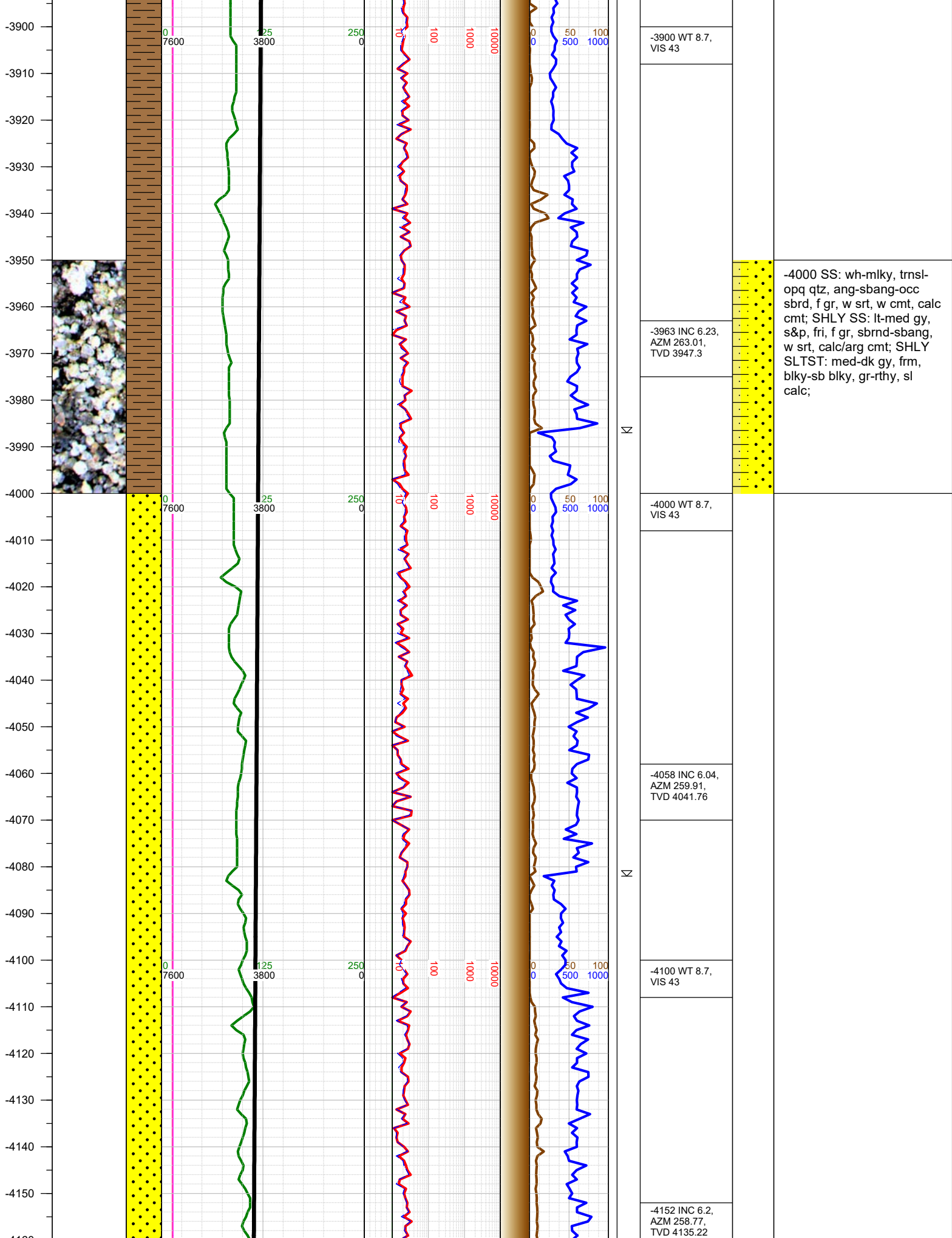
LEGEND

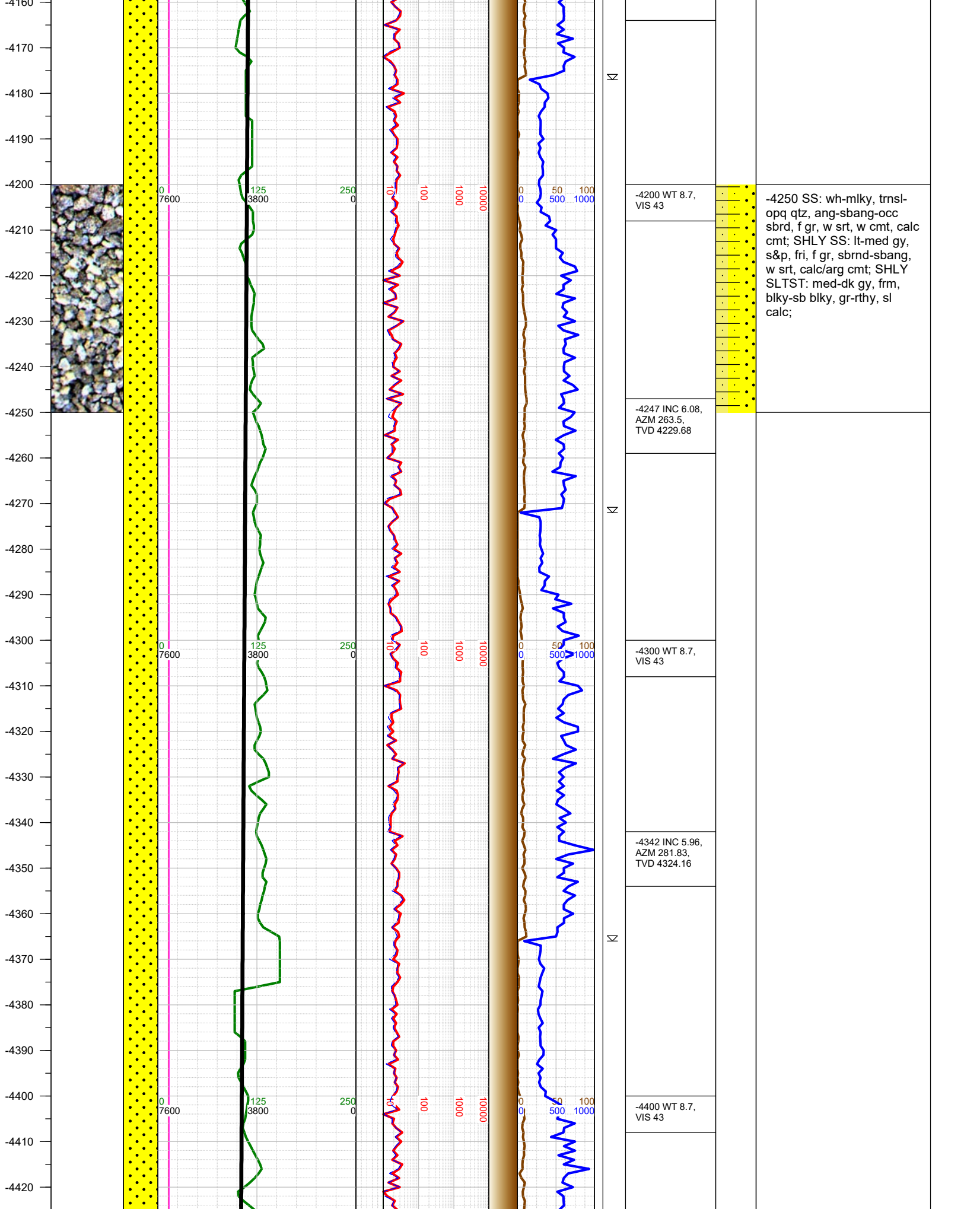


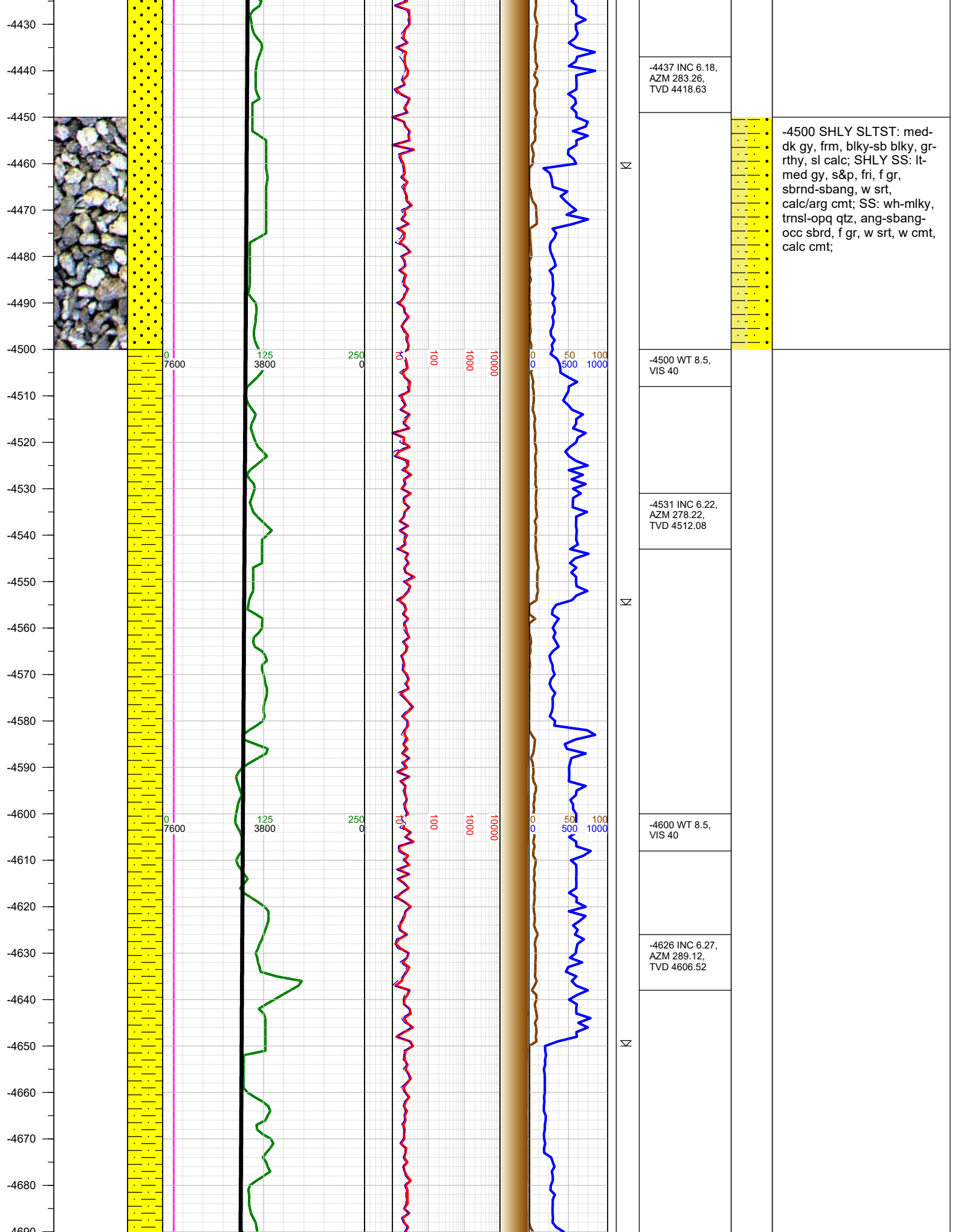
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

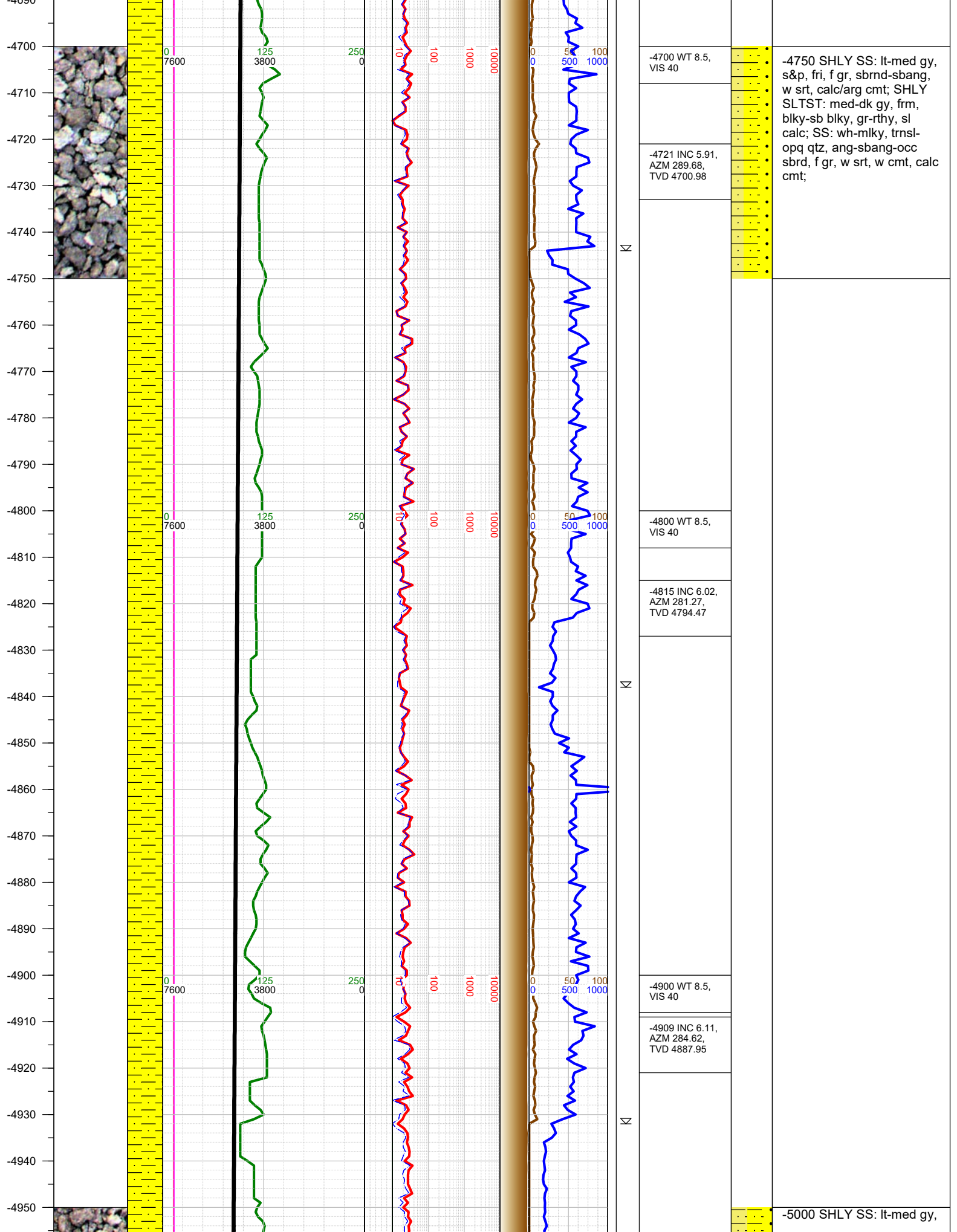


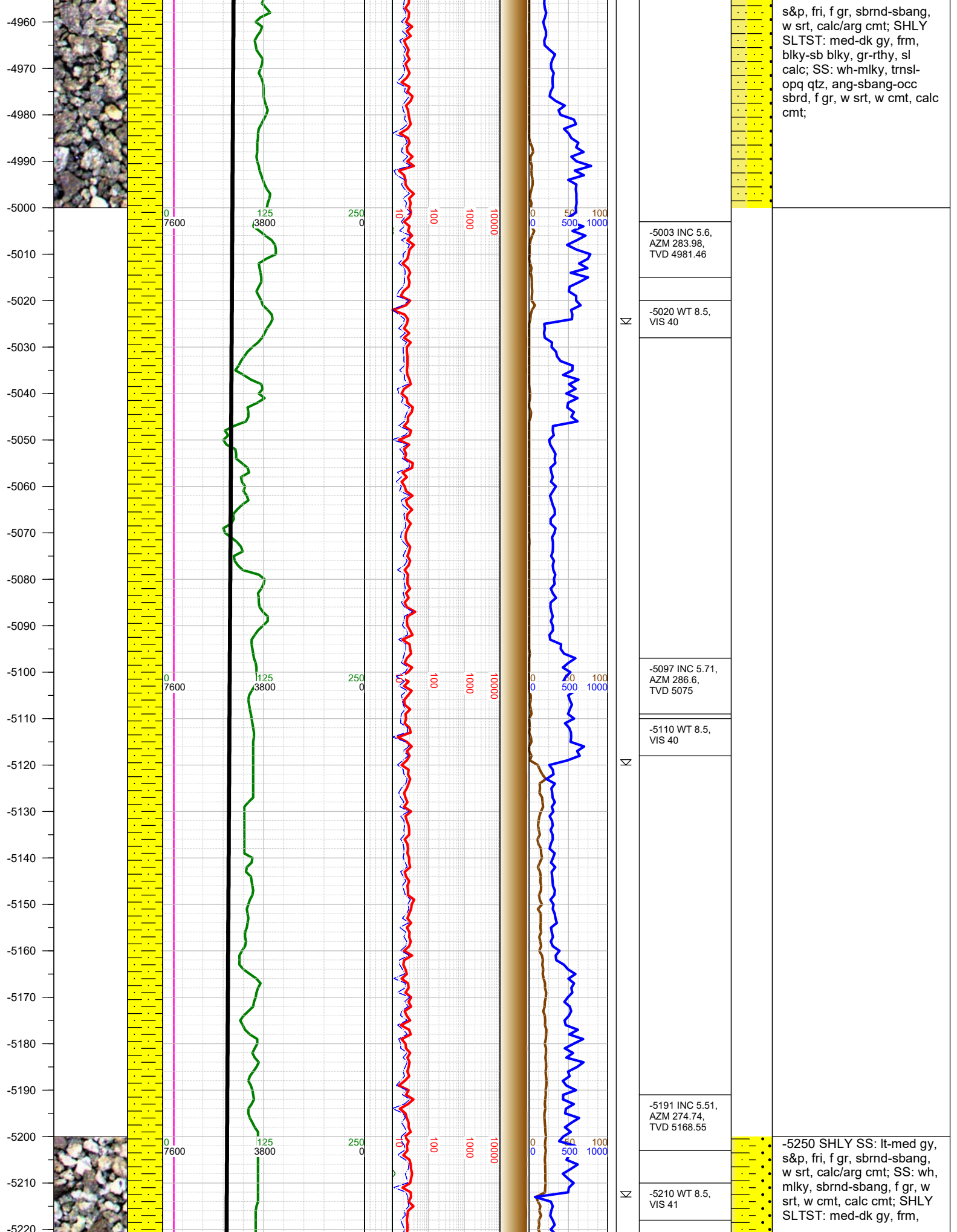


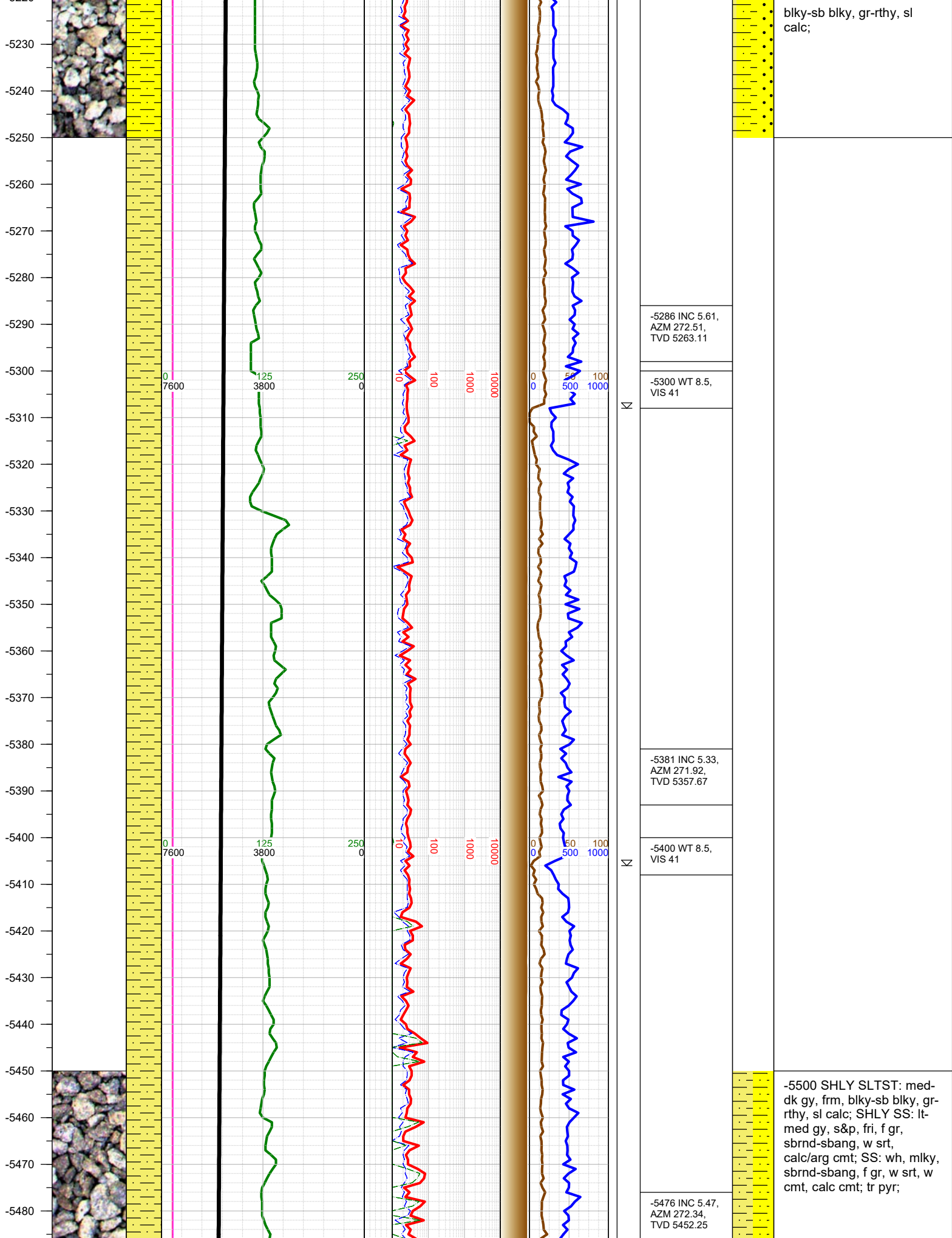


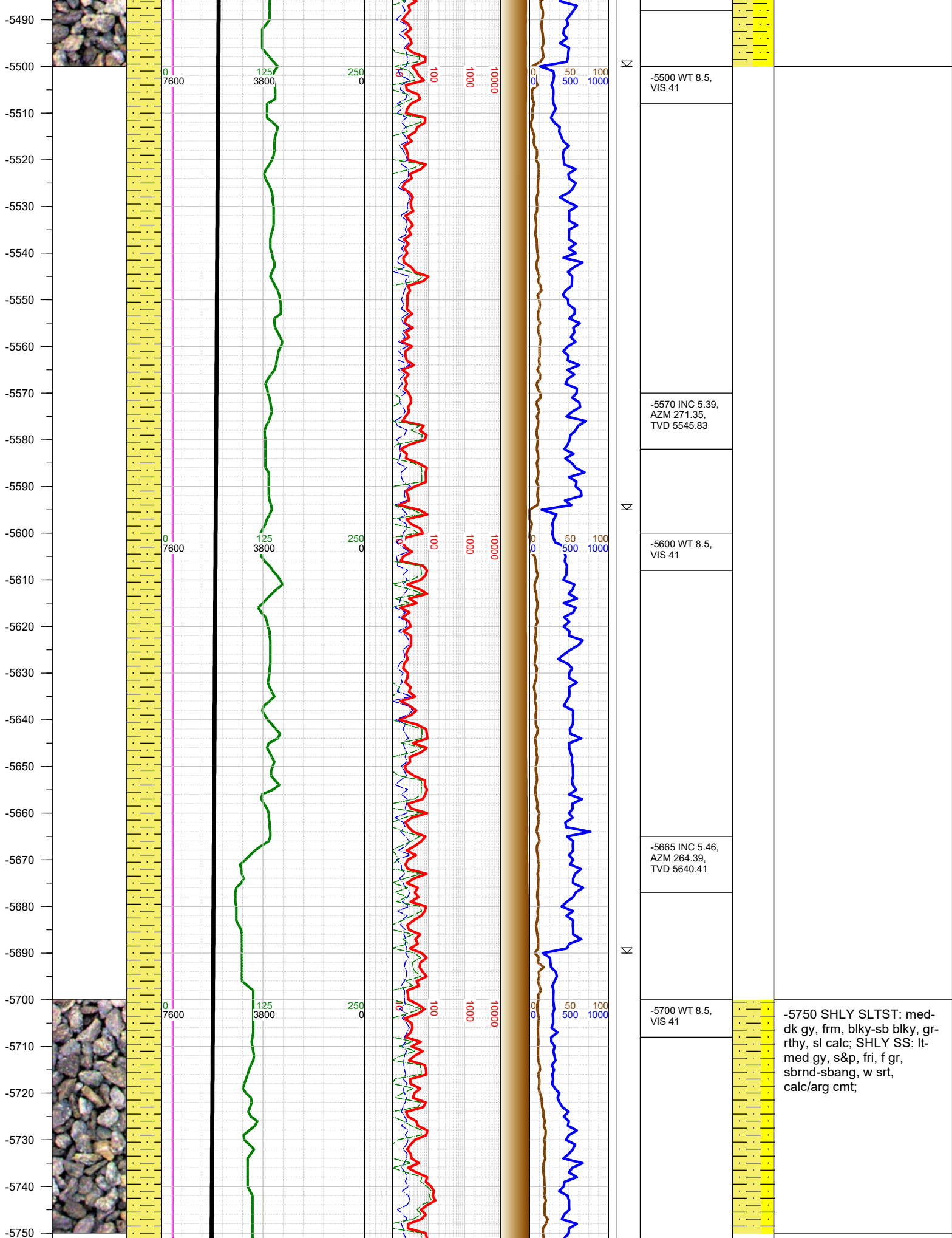


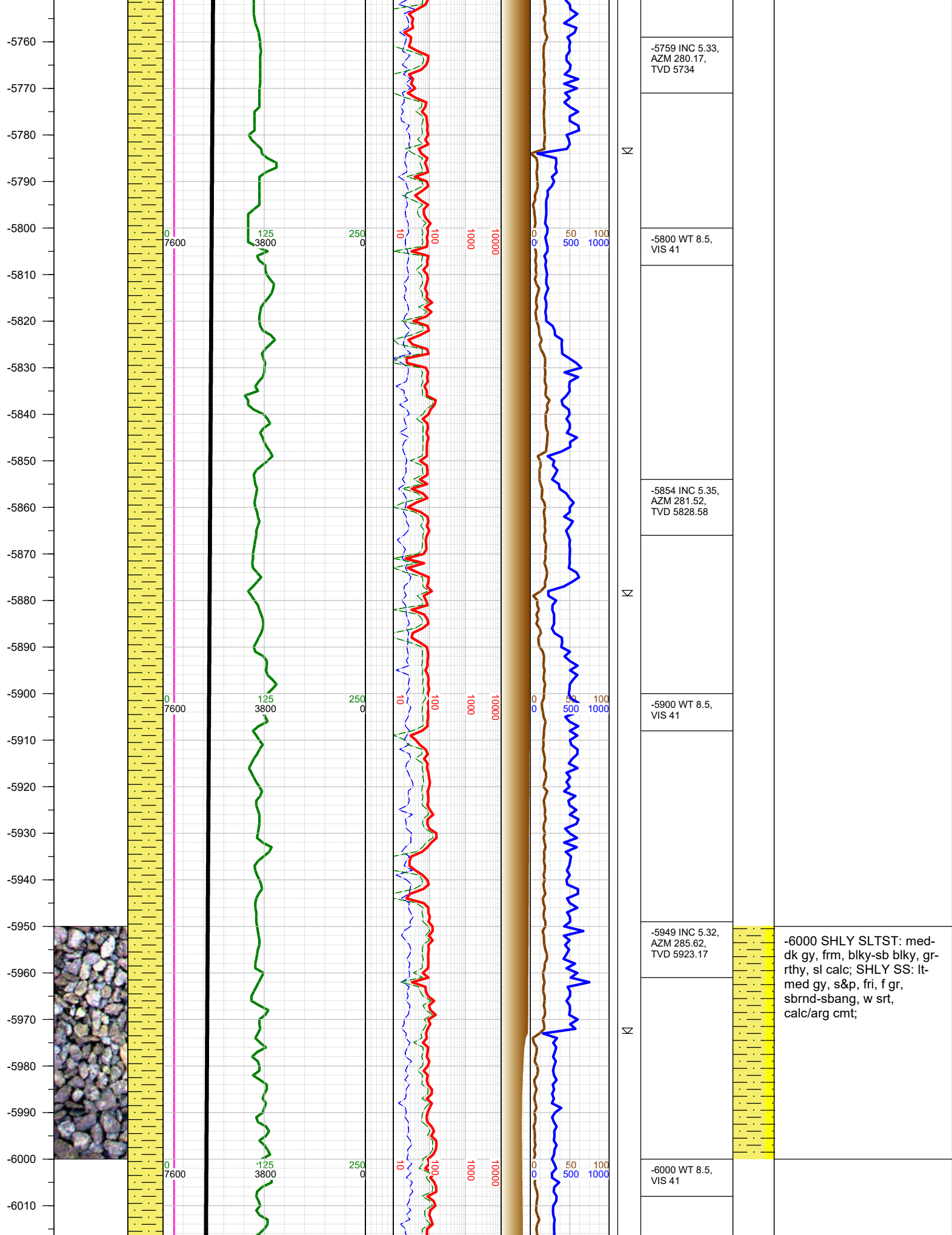


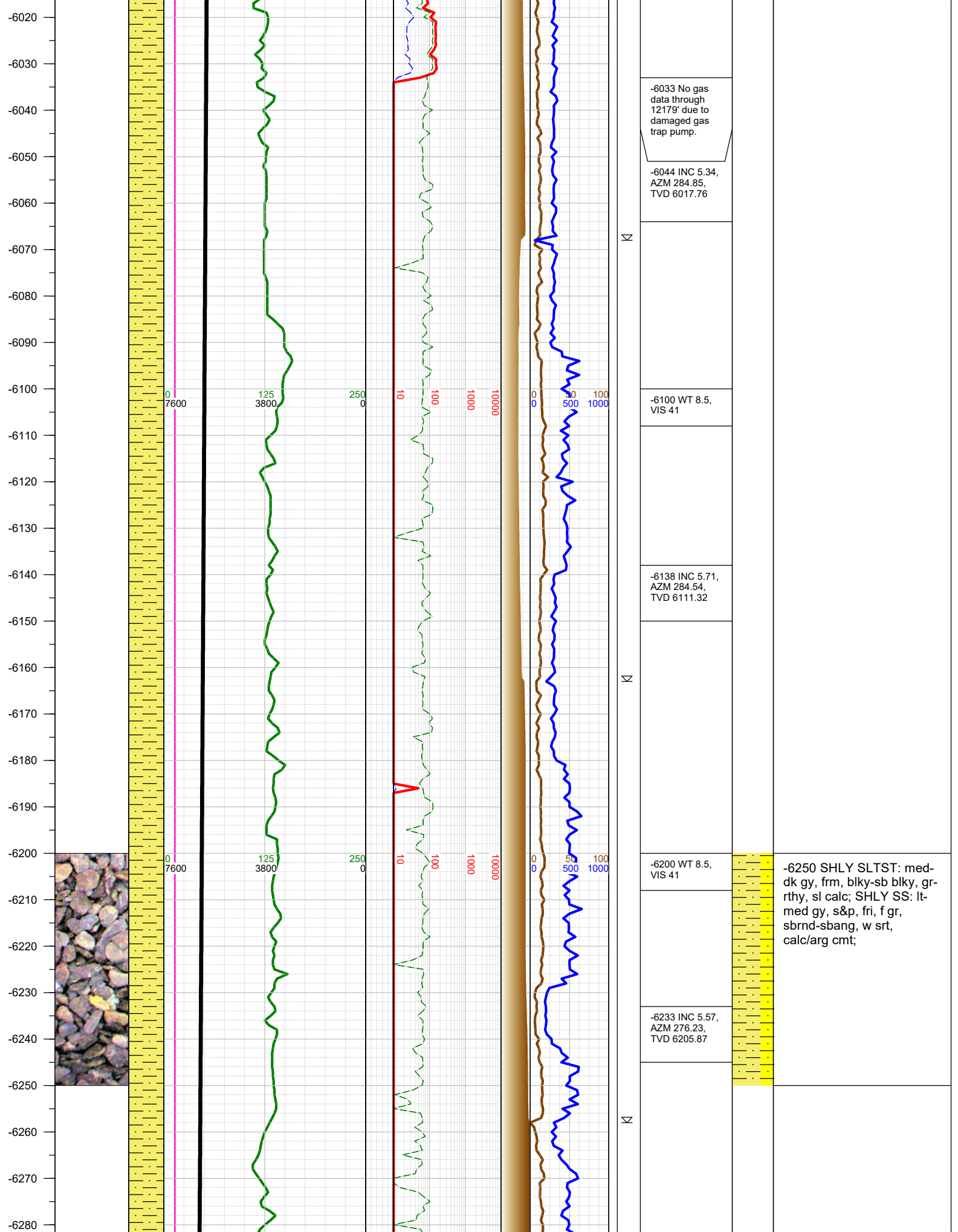


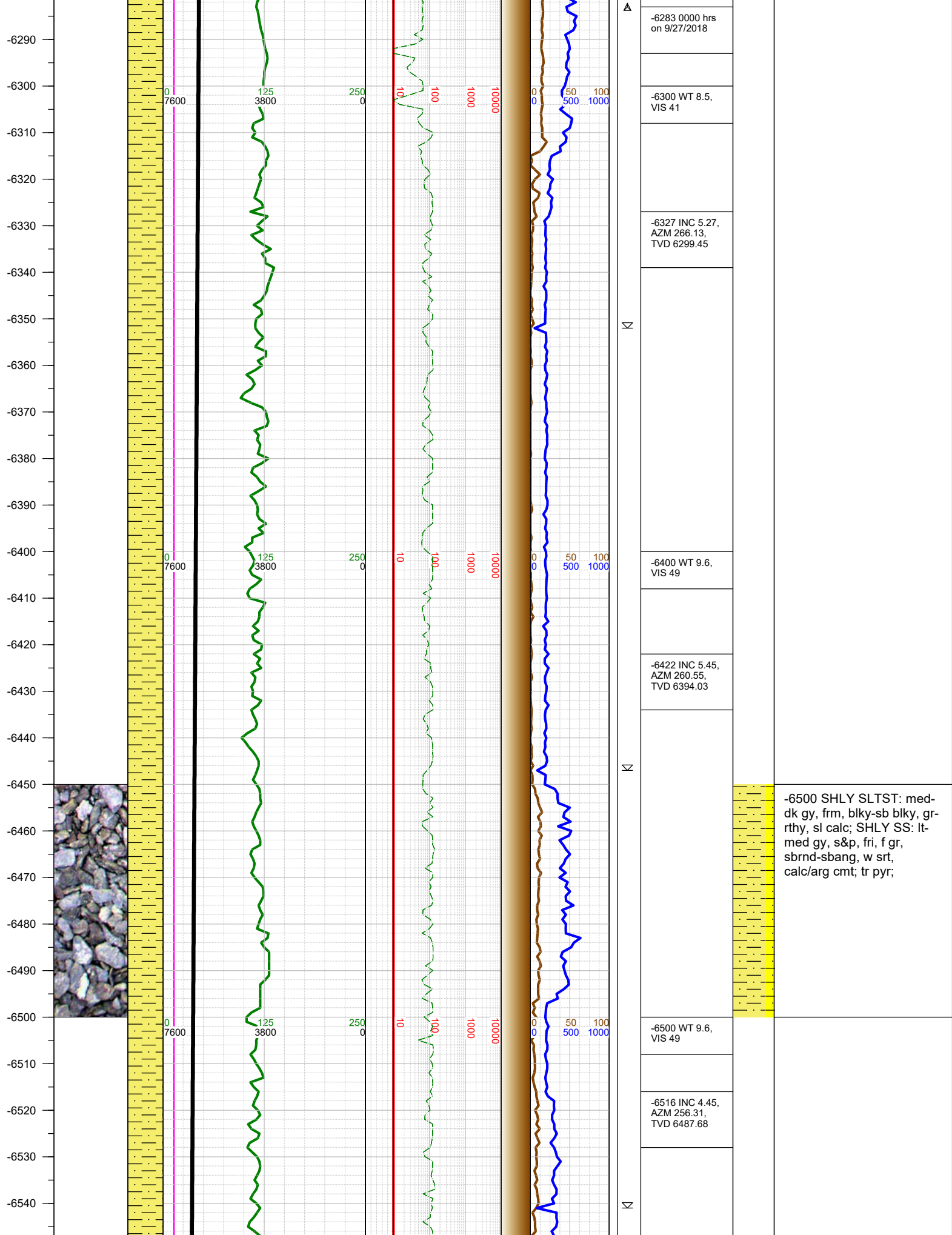


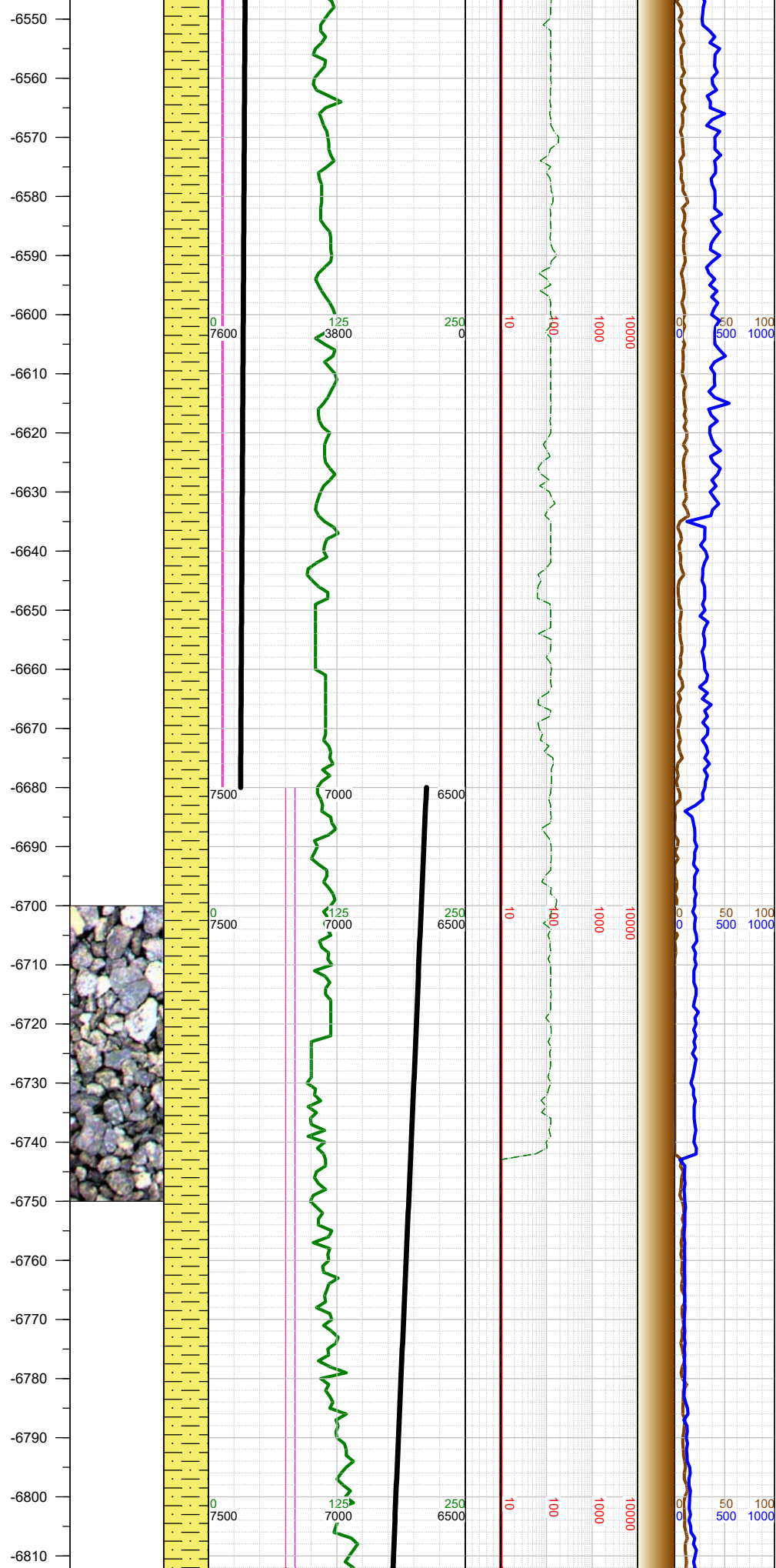












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-6600 WT 9.6,
VIS 49

-6610 INC 0.18,
AZM 9.81, TVD
6581.59

-6680 Reached KOP of 6680' MD, 6652' TVD at 0230 hrs on 9/27/2018 and immediately began drilling the curve.

-6680 Change
TVD Scale

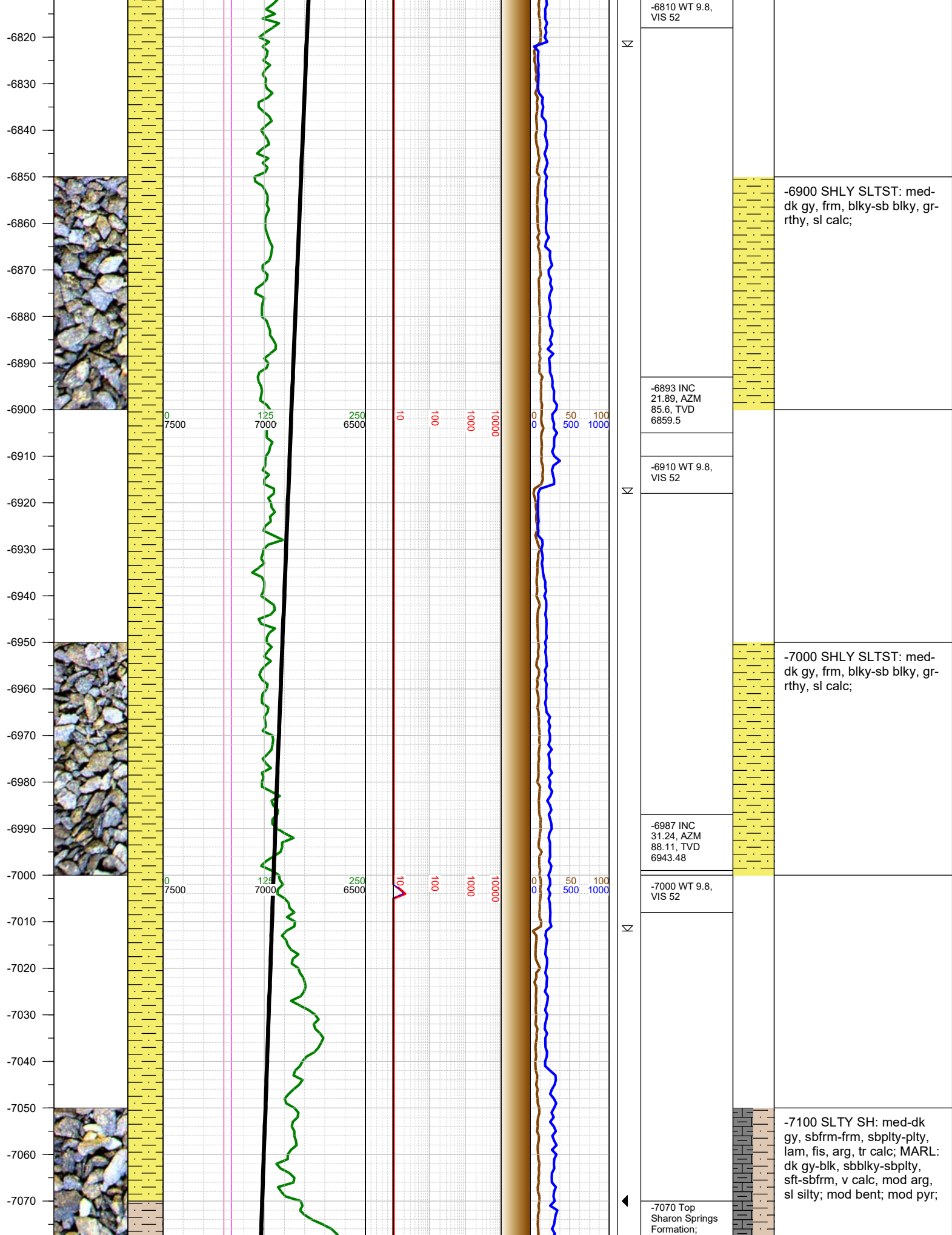
-6705 INC 2.37,
AZM 96.11,
TVD 6676.56

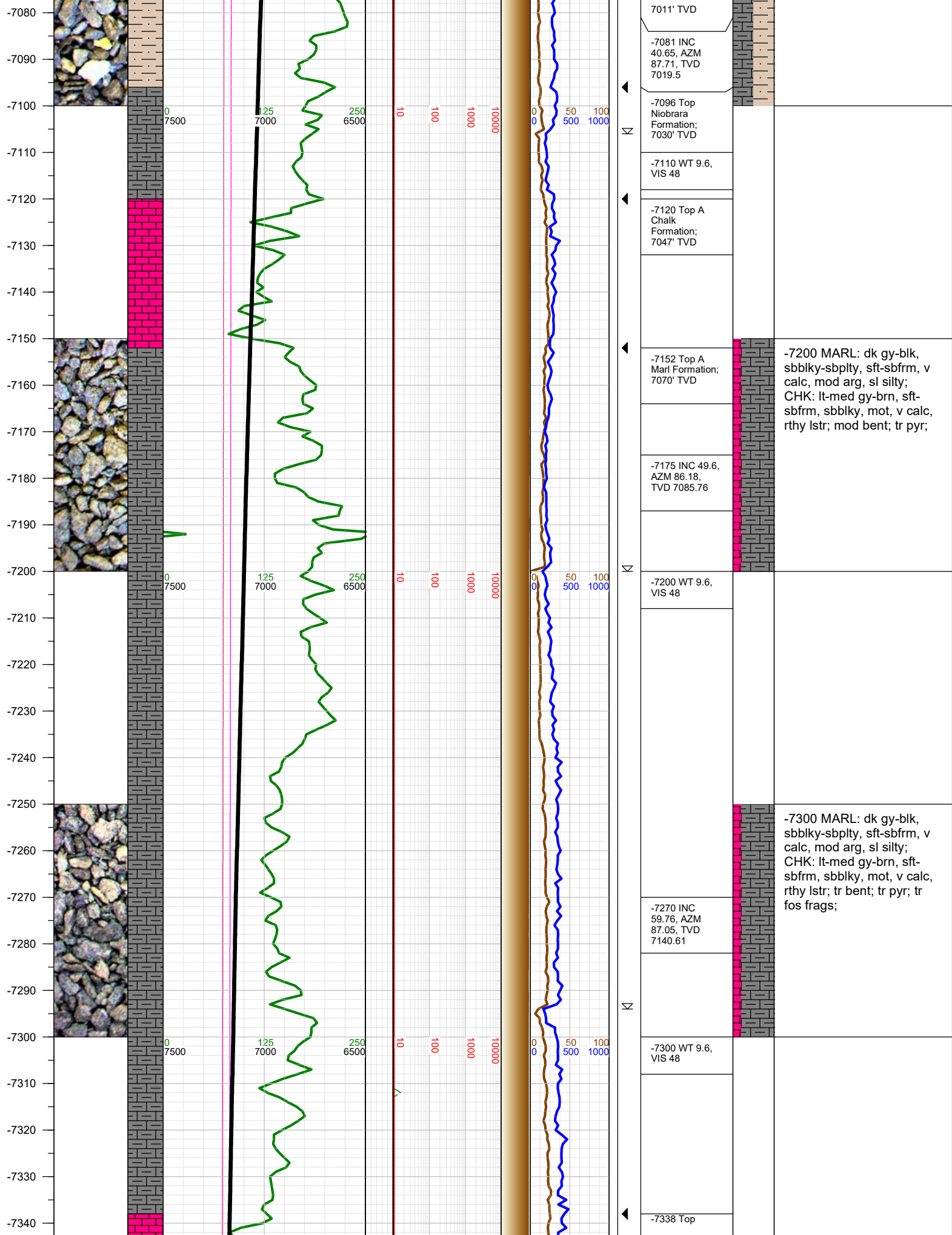
-6730 WT 9.6,
VIS 49

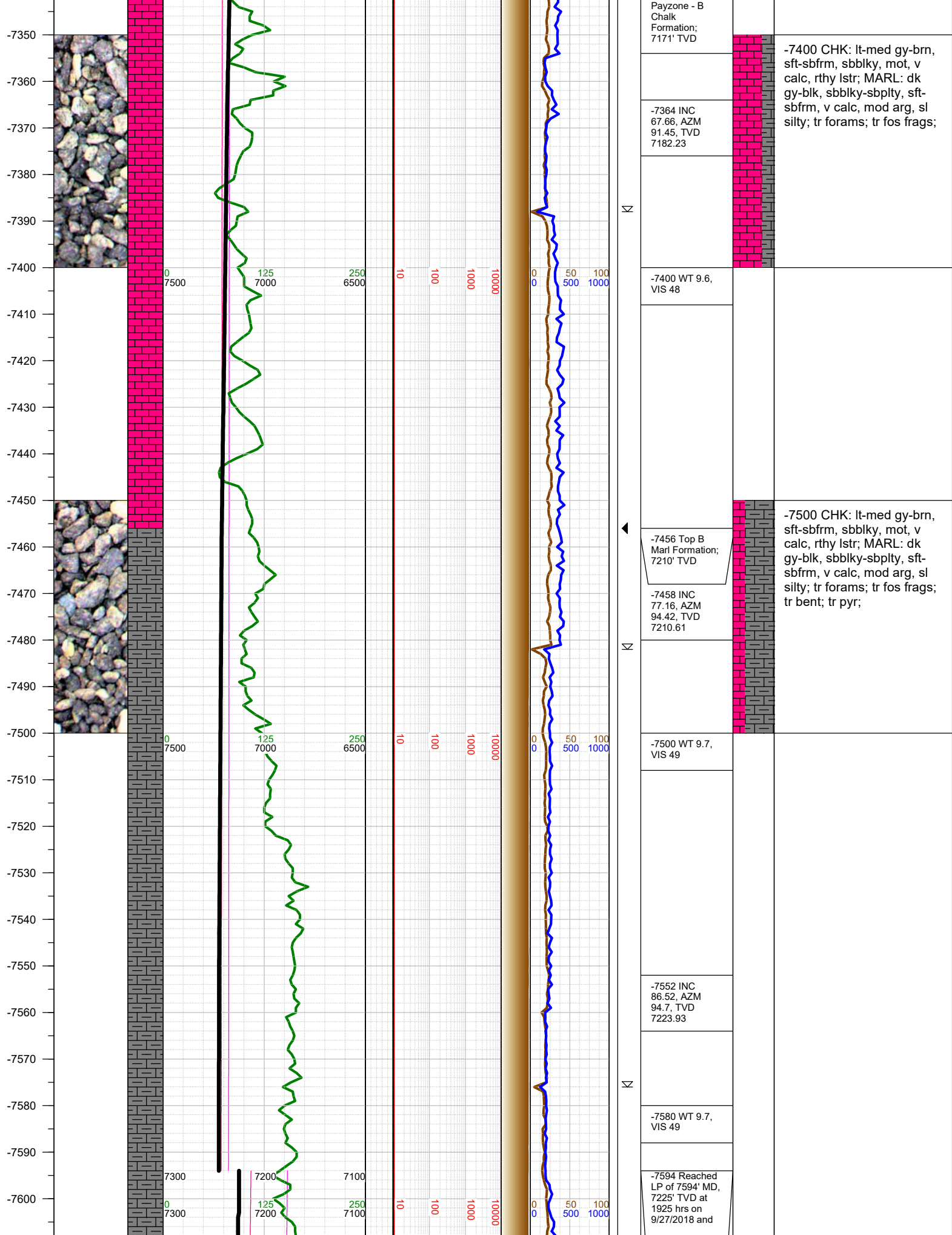
-6742 TOOH for
RSS failure at
0435 hrs on
9/27/2018.
Resumed
drilling at 1319
hrs on
9/27/2018.

-6798 INC
11.97, AZM
85.54, TVD
6768.73

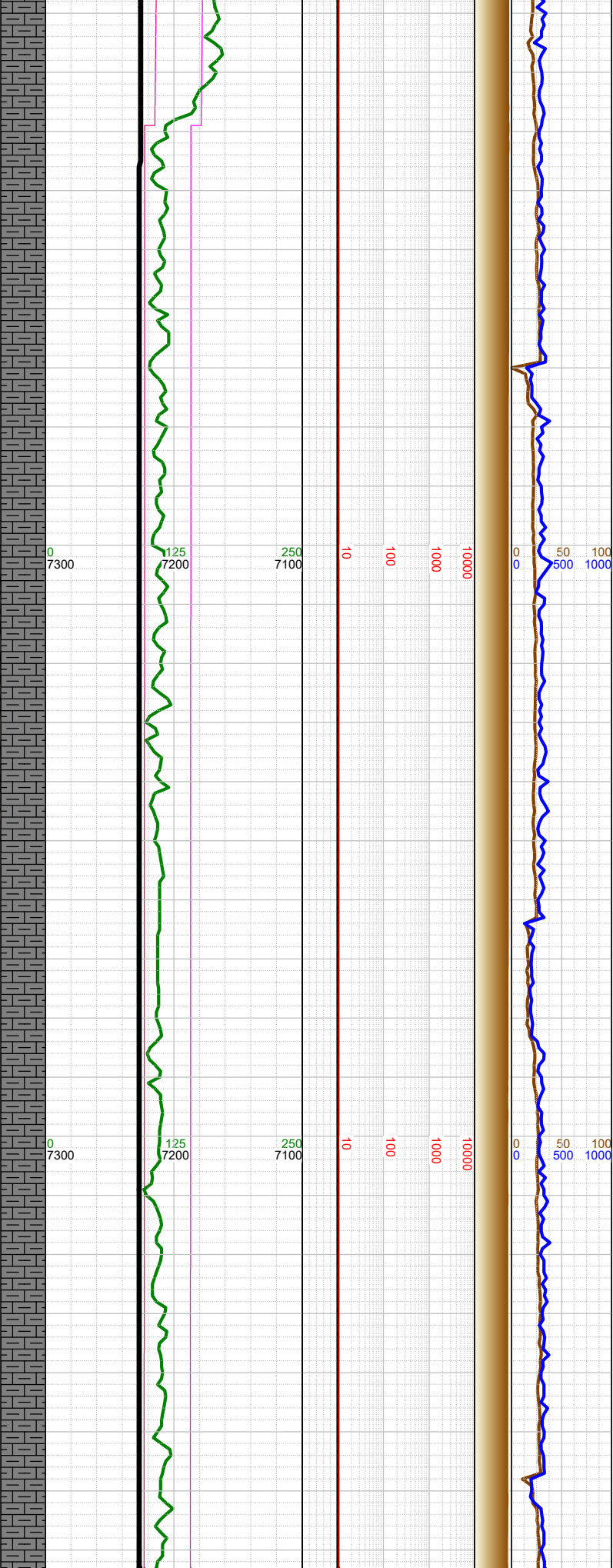
-6750 SHLY SLTST: med-
dk gy, frm, blky-sb blky, gr-
rthy, sl calc; SHLY SS: lt-
med gy, s&p, fri, f gr,
sbrnd-sbang, w srt,
calc/arg cmt;



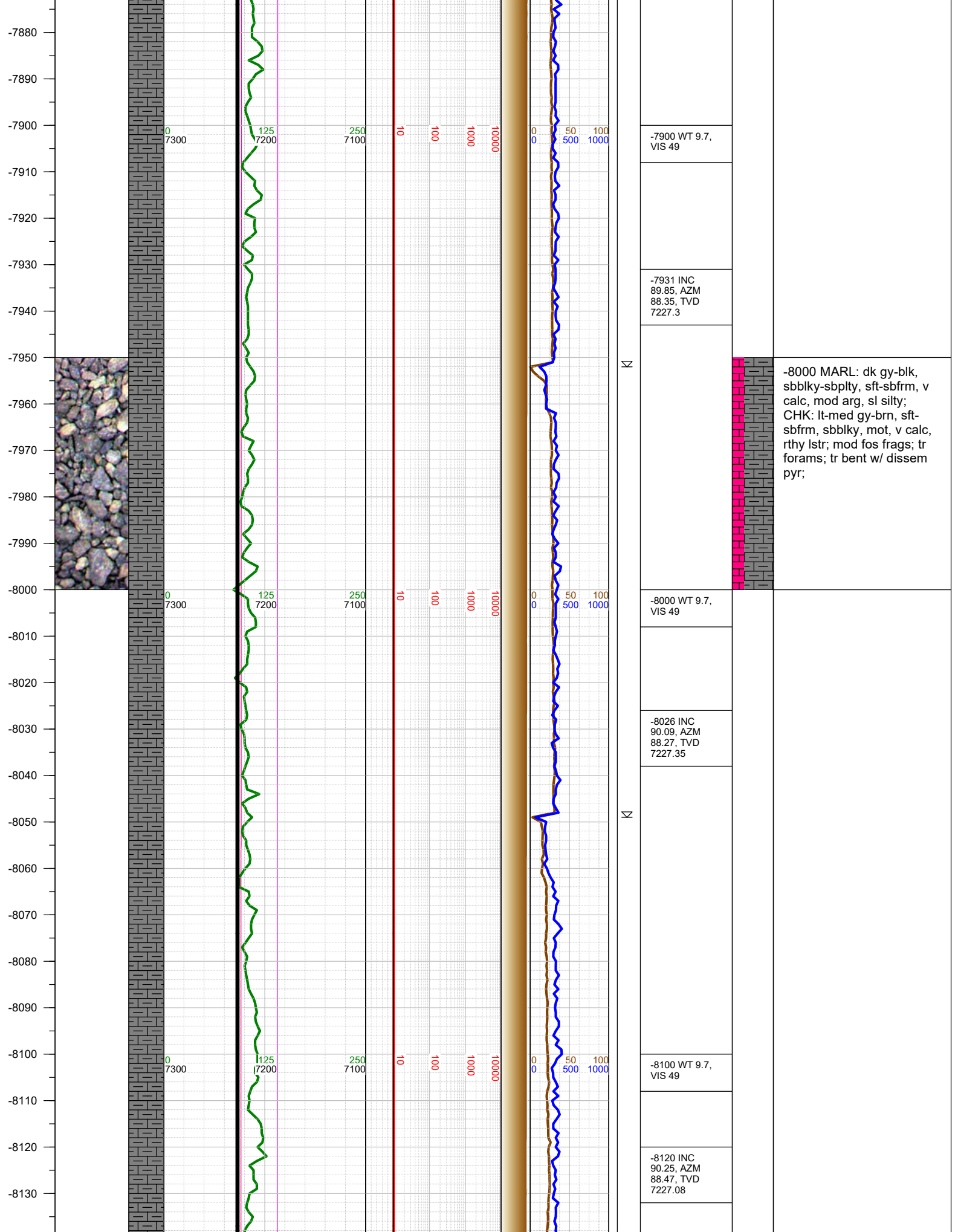


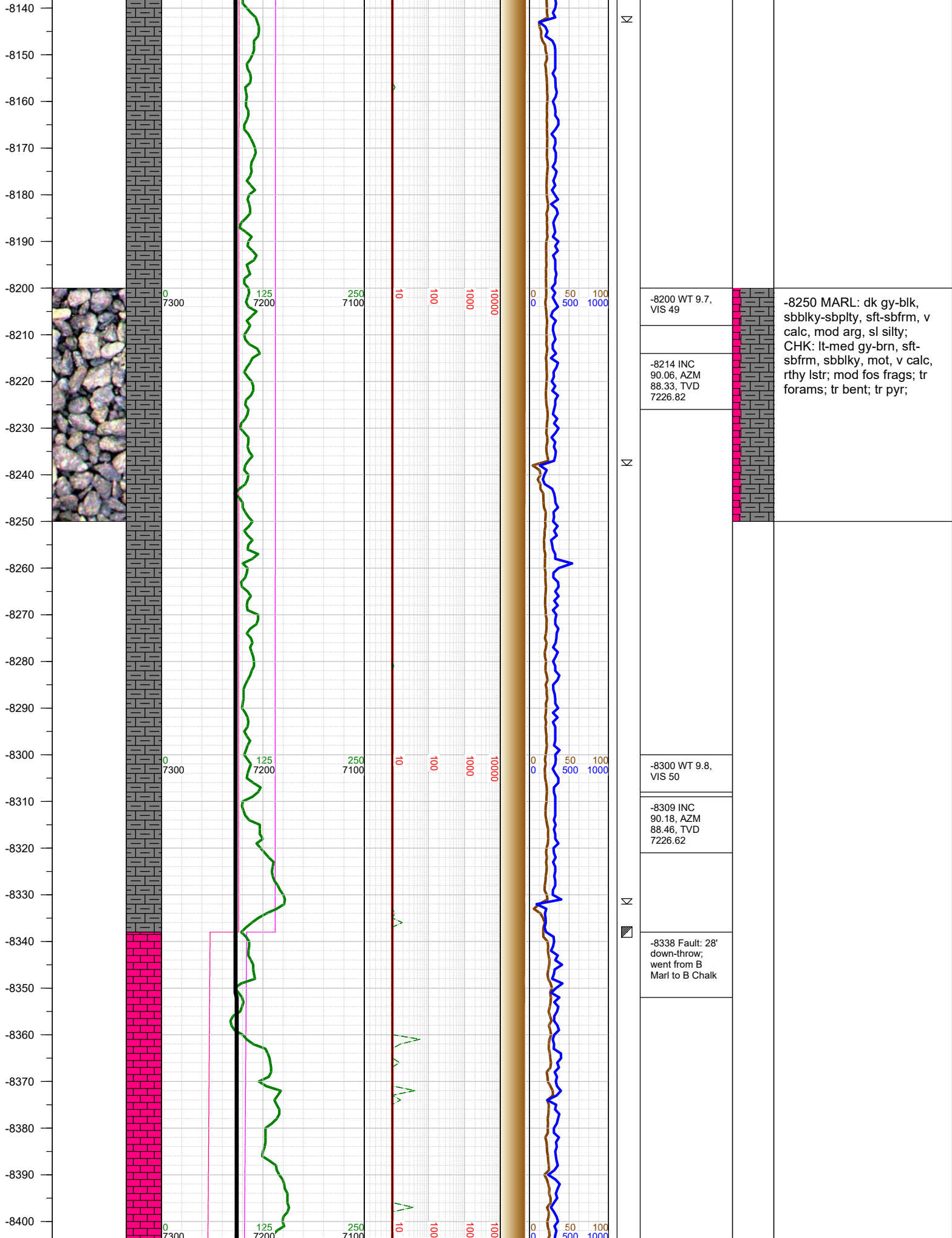


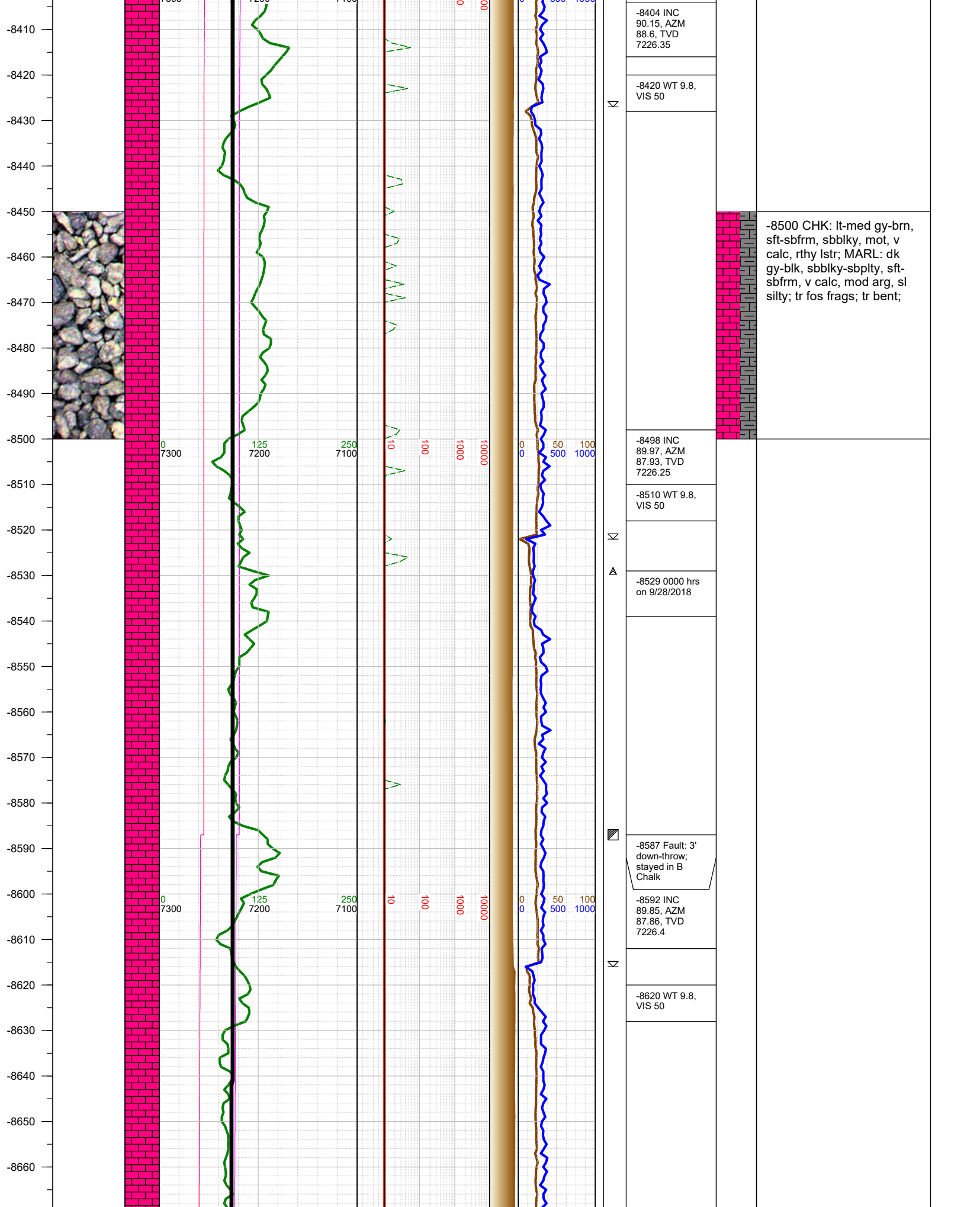
-7610
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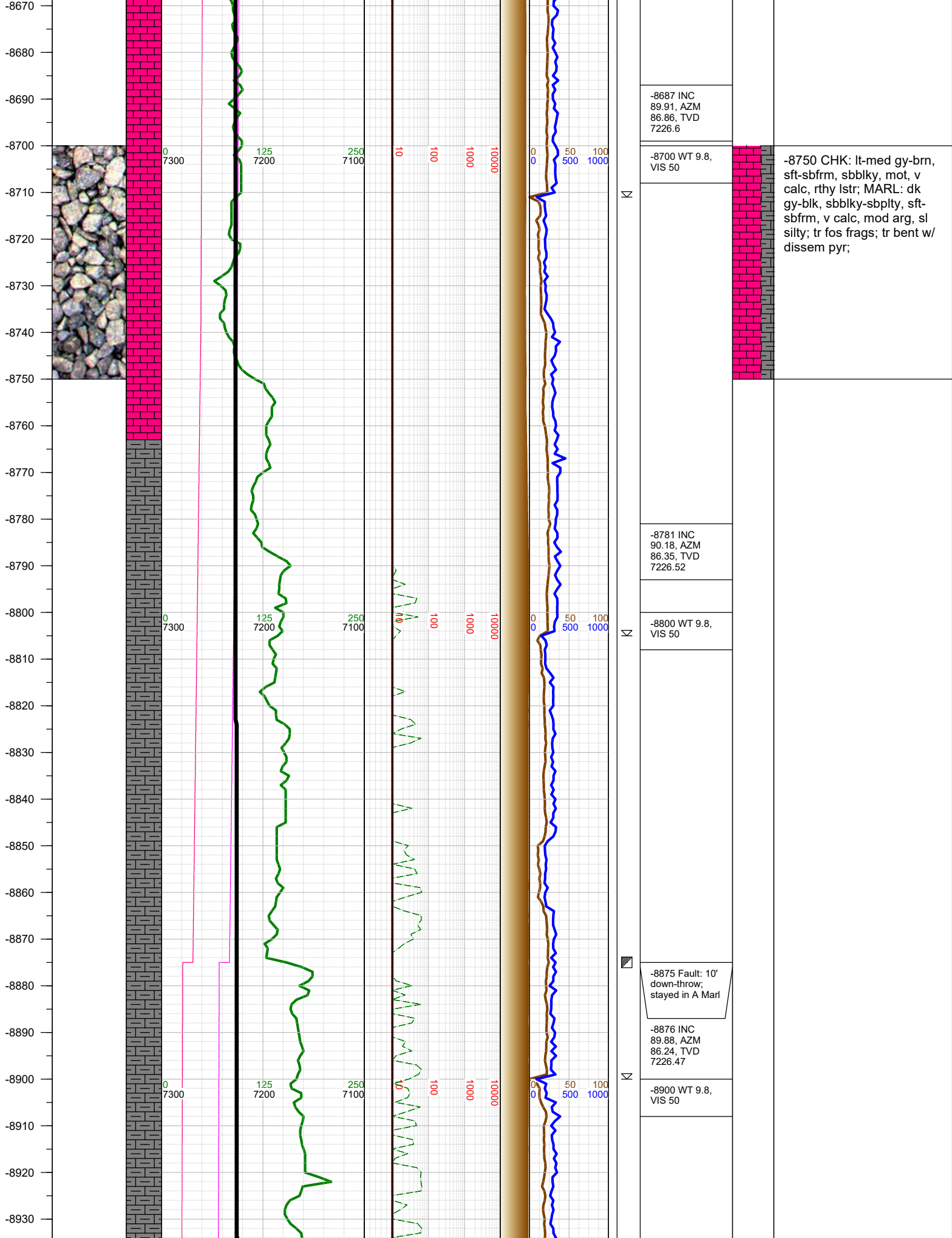


	immediately began drilling the lateral.	
	-7594 Change TVD Scale	
	-7629 Fault: 8' down-throw; stayed in B Marl	
	-7647 INC 89.97, AZM 90.85, TVD 7226.84	
	-7674 Gas buster on	
	-7700 WT 9.7, VIS 49	-7750 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; mod fos frags; tr forams; mod bent w/ dissem pyr;
	-7741 INC 89.75, AZM 89.49, TVD 7227.07	
	-7800 WT 9.7, VIS 49	
	-7836 INC 90.06, AZM 89.55, TVD 7227.23	

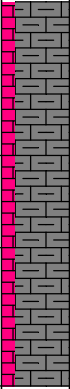
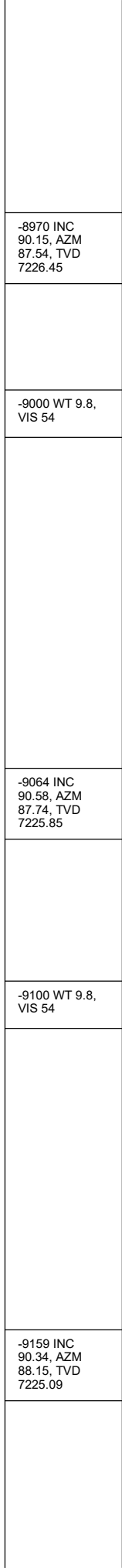
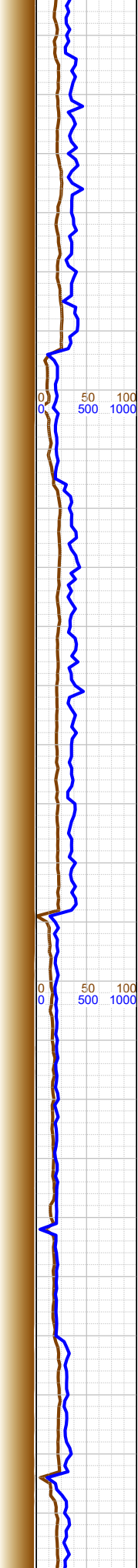
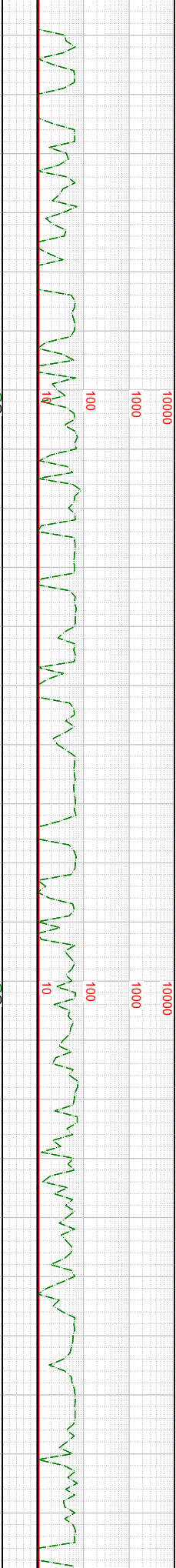
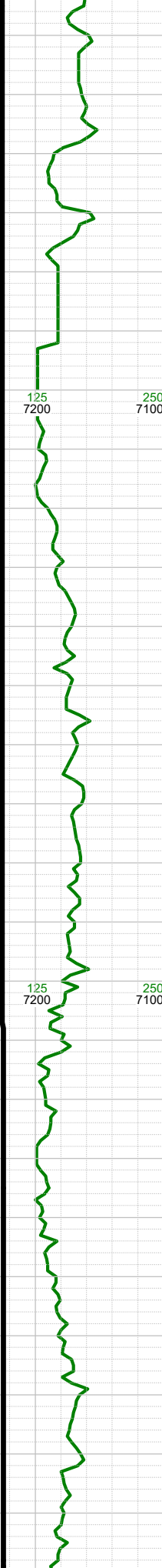
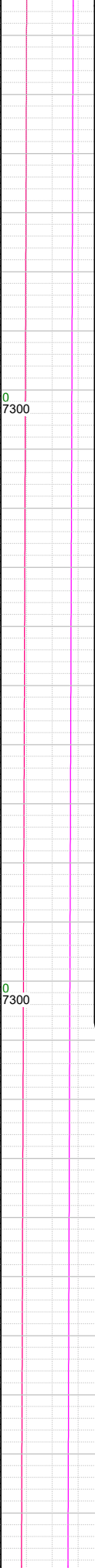
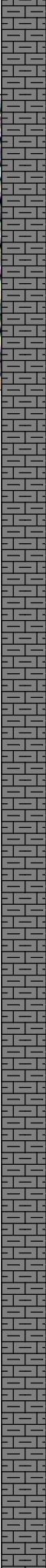
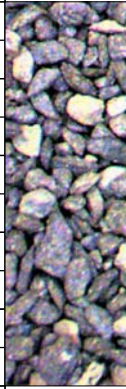








-8940
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-9000
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-9180
-9190



-9000 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; mod fos frags; tr bent; freq pyr;

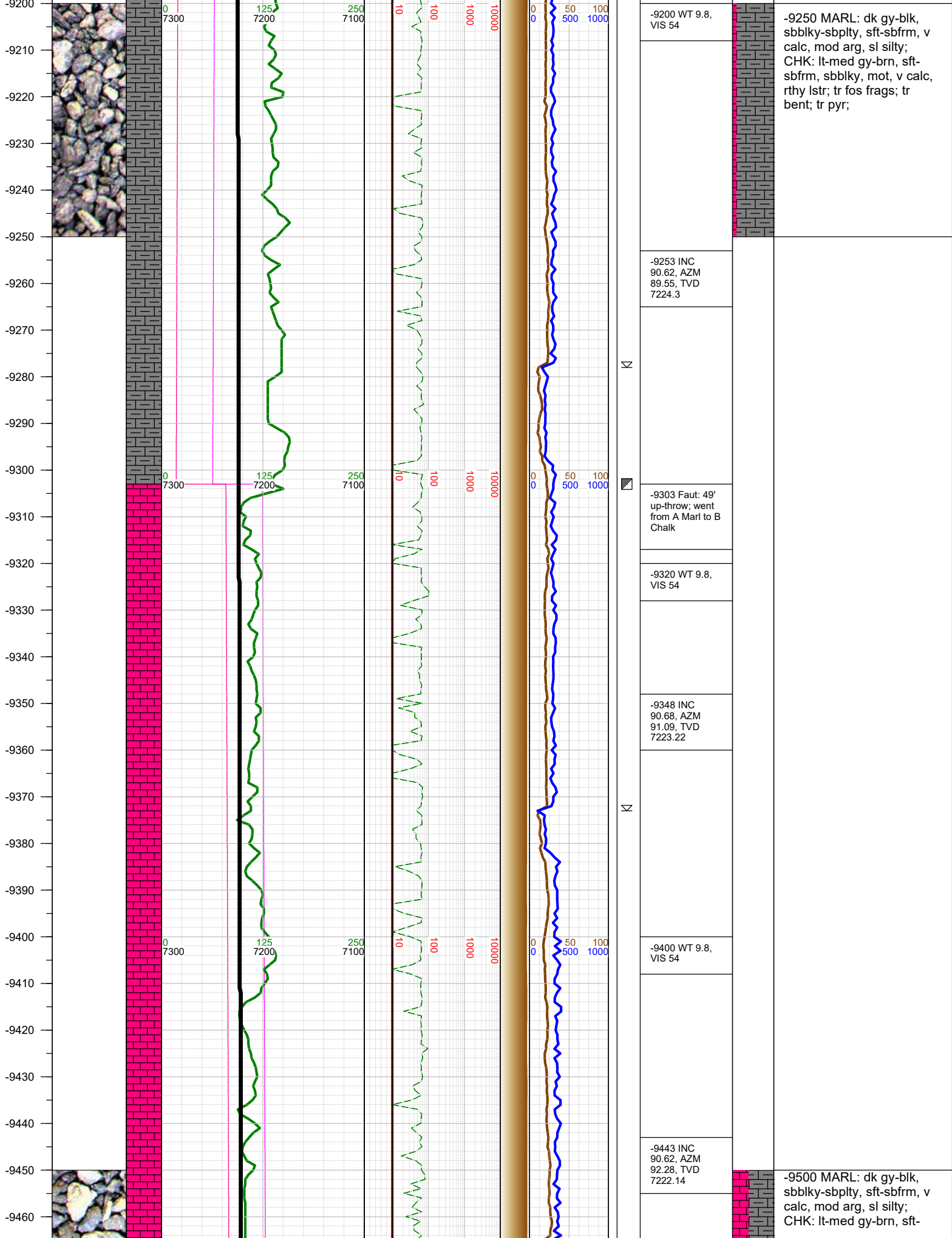
-8970 INC
90.15, AZM
87.54, TVD
7226.45

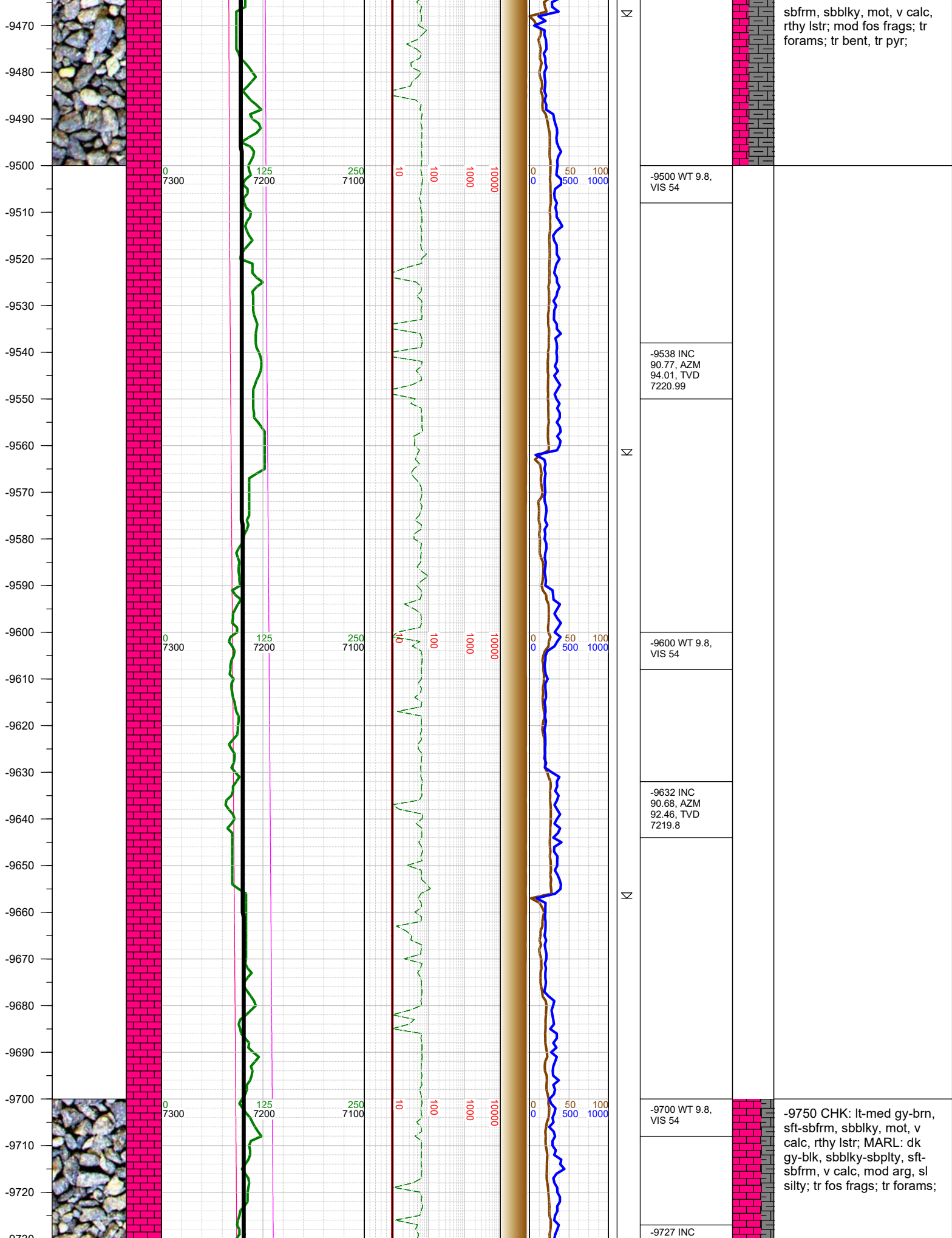
-9000 WT 9.8,
VIS 54

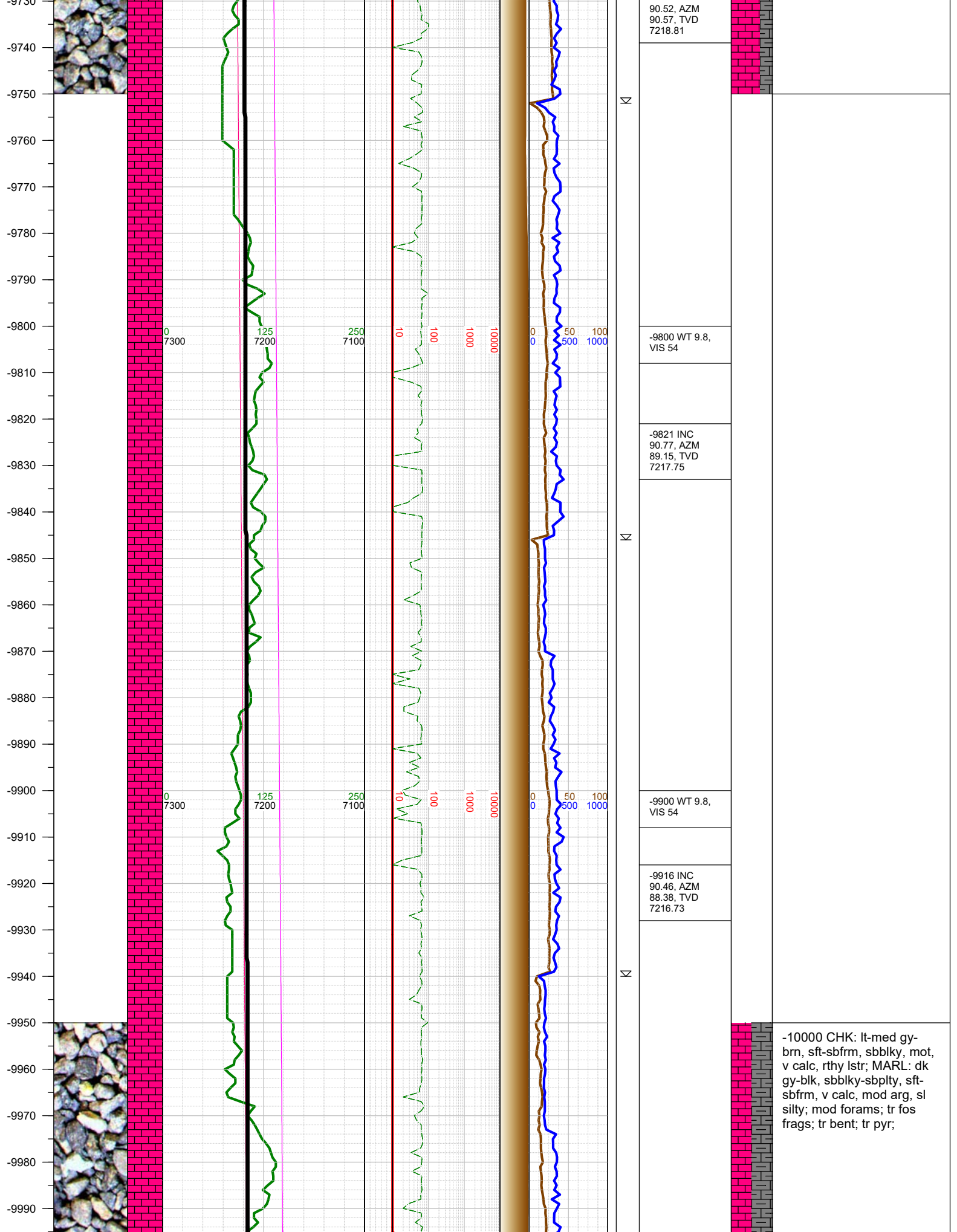
-9064 INC
90.58, AZM
87.74, TVD
7225.85

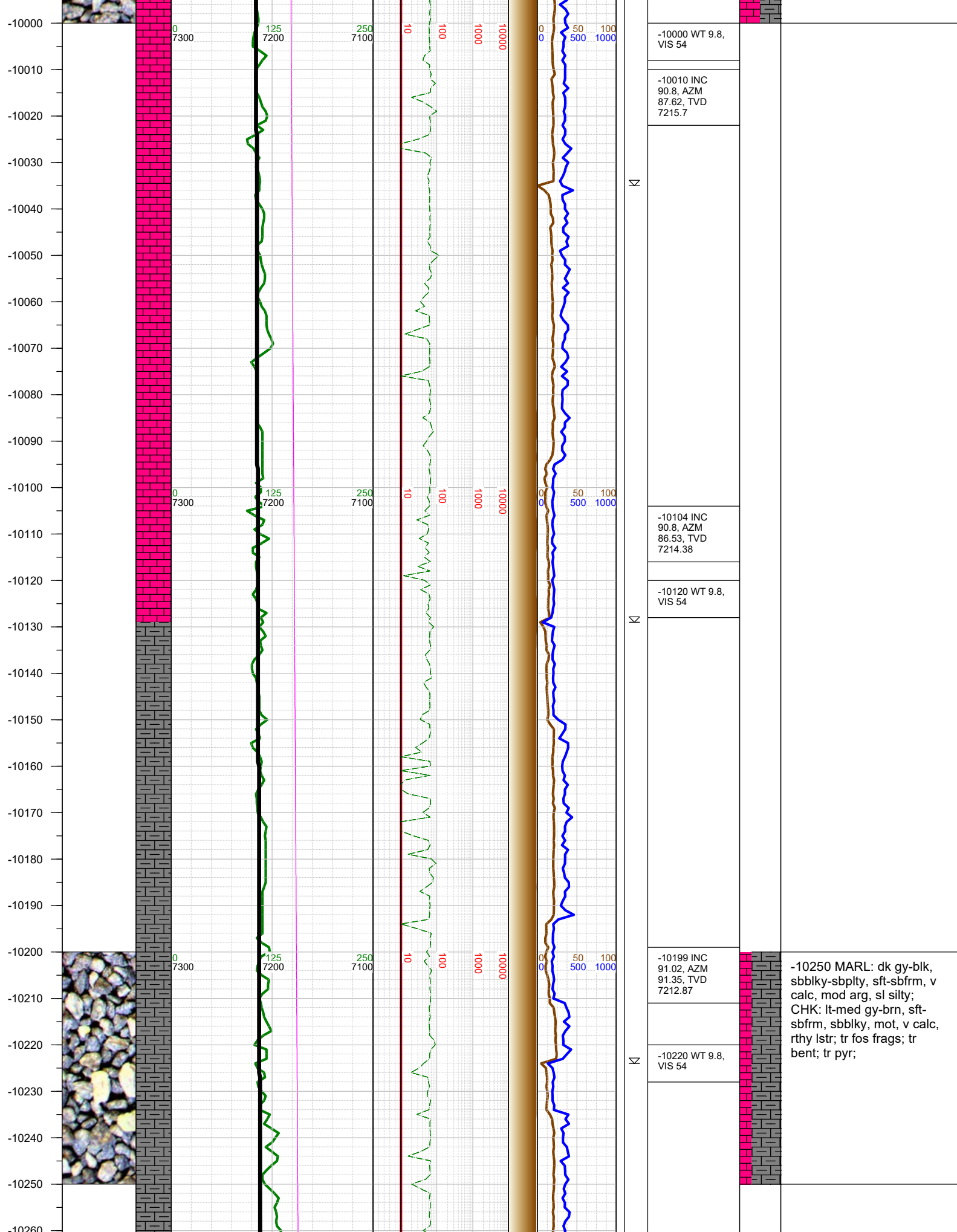
-9100 WT 9.8,
VIS 54

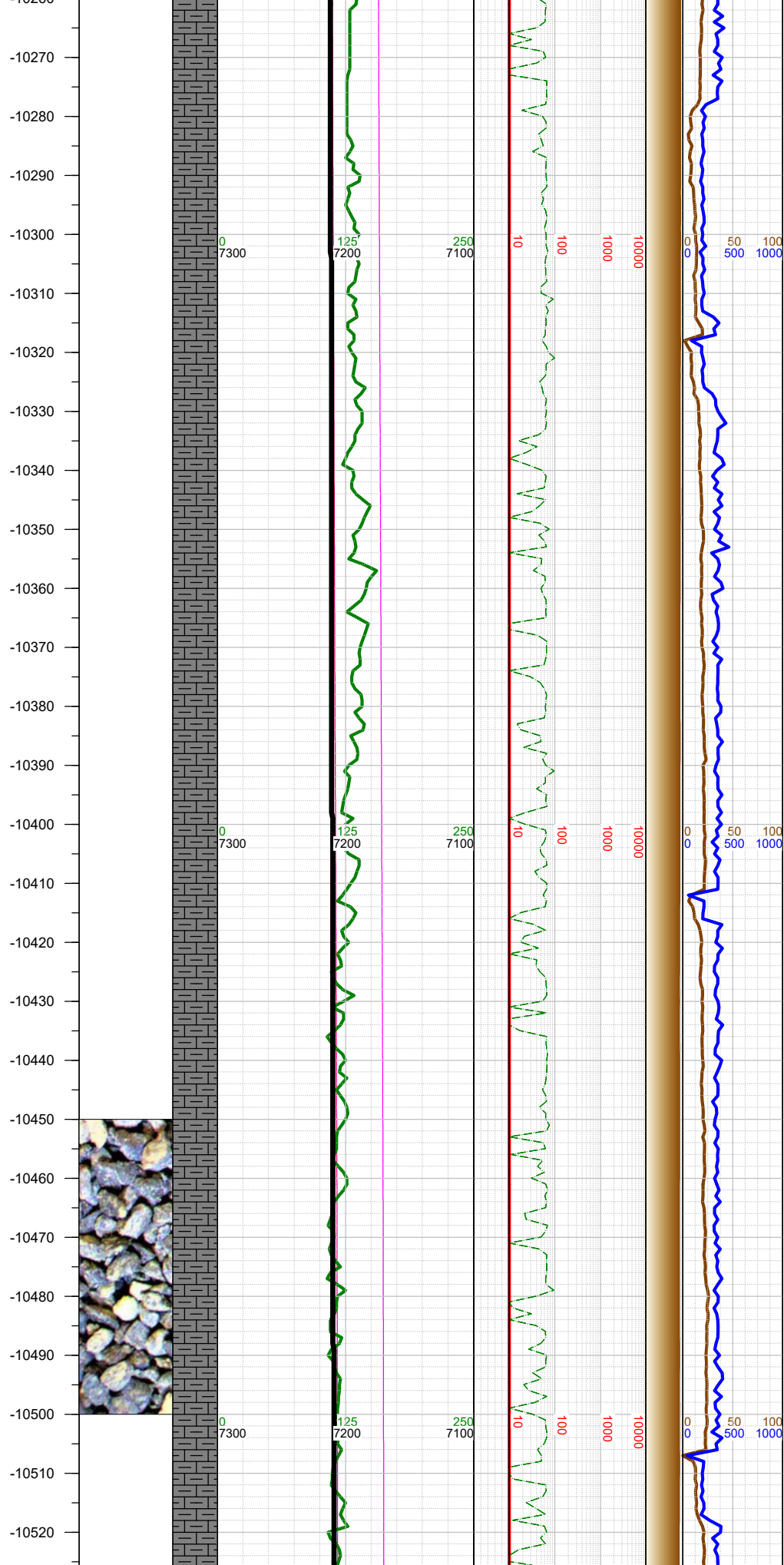
-9159 INC
90.34, AZM
88.15, TVD
7225.09











-10294 INC
90.52, AZM
90.98, TVD
7211.6

-10310 WT 9.8,
VIS 54

-10388 INC
90.68, AZM
90.04, TVD
7210.61

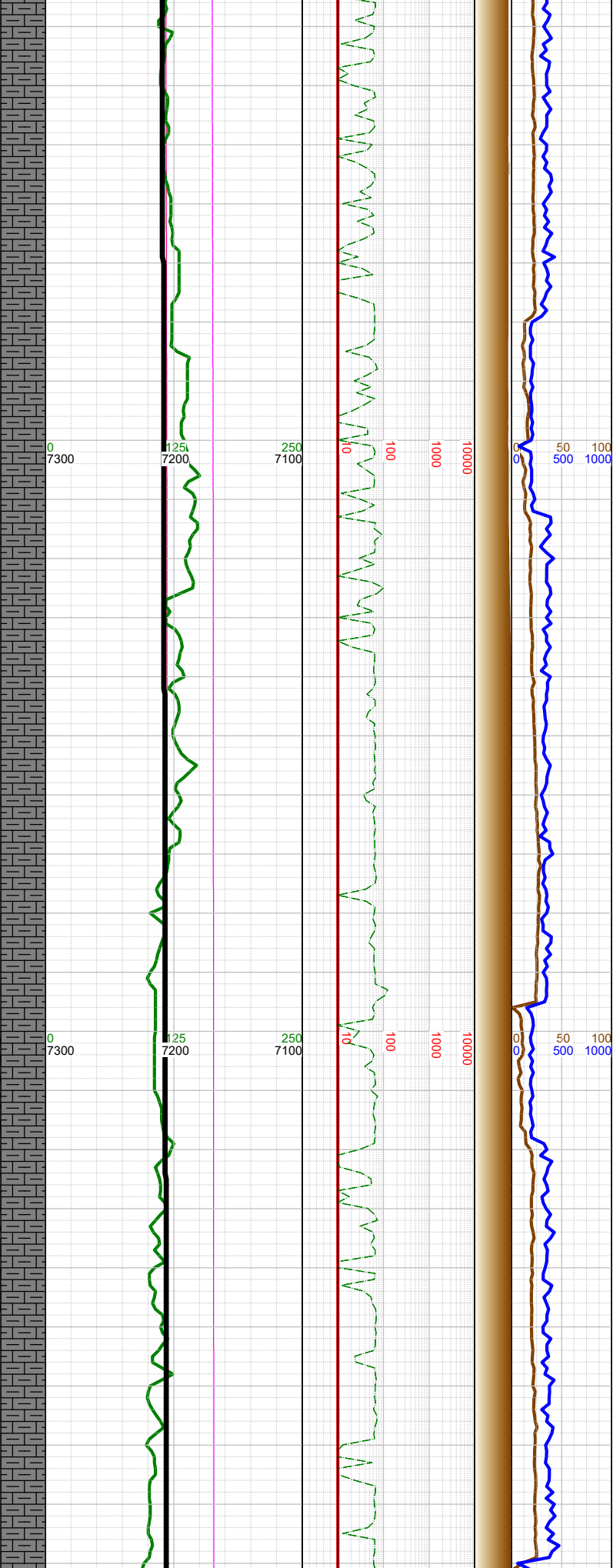
-10400 WT 9.8,
VIS 54

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

-10482 INC
90.58, AZM
90.16, TVD
7209.58

-10500 WT 9.8,
VIS 54

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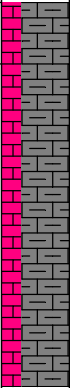
-10577 INC
90.83, AZM
92.49, TVD
7208.41

-10600 WT 9.8,
VIS 55

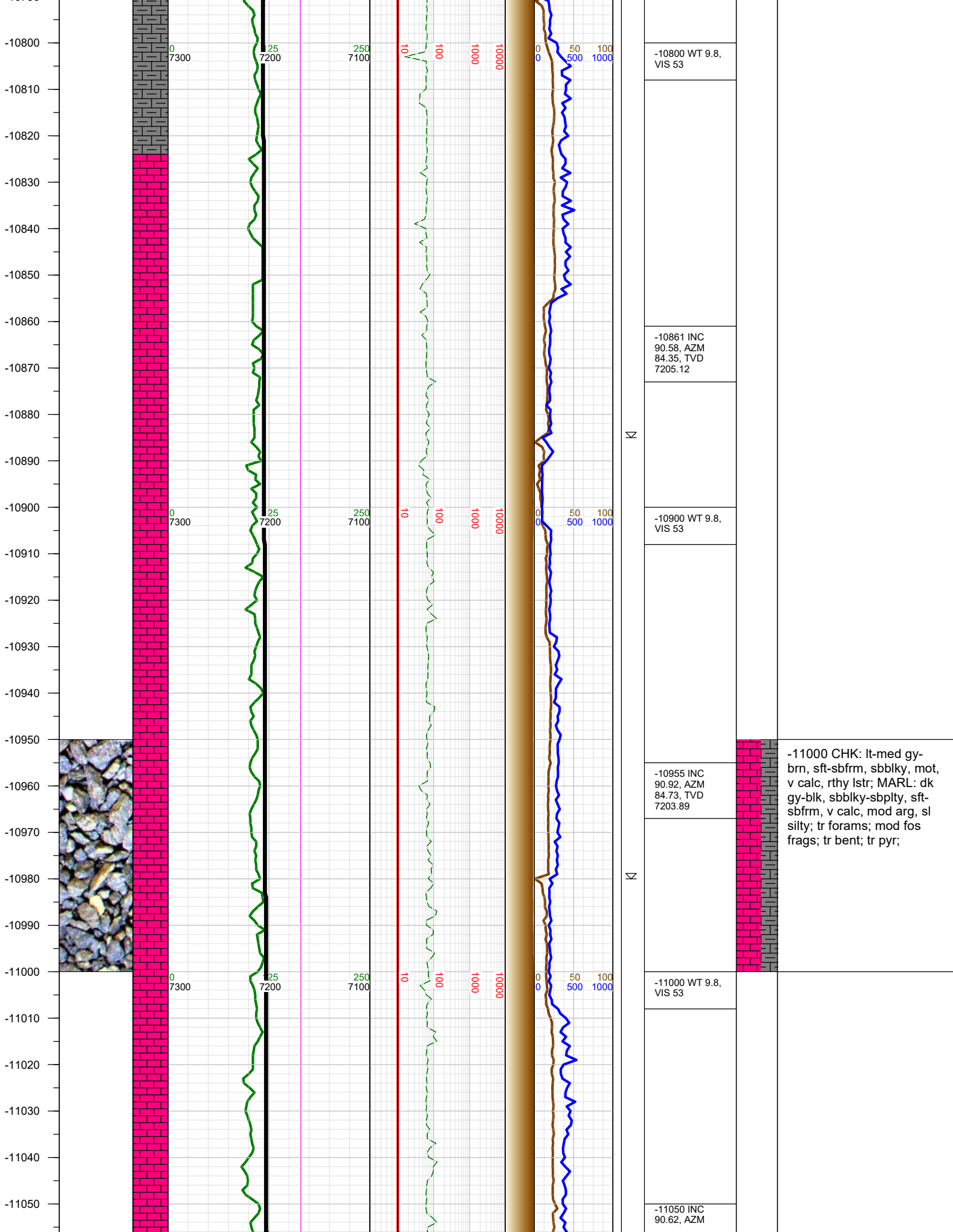
-10671 INC
90.77, AZM
90.47, TVD
7207.1

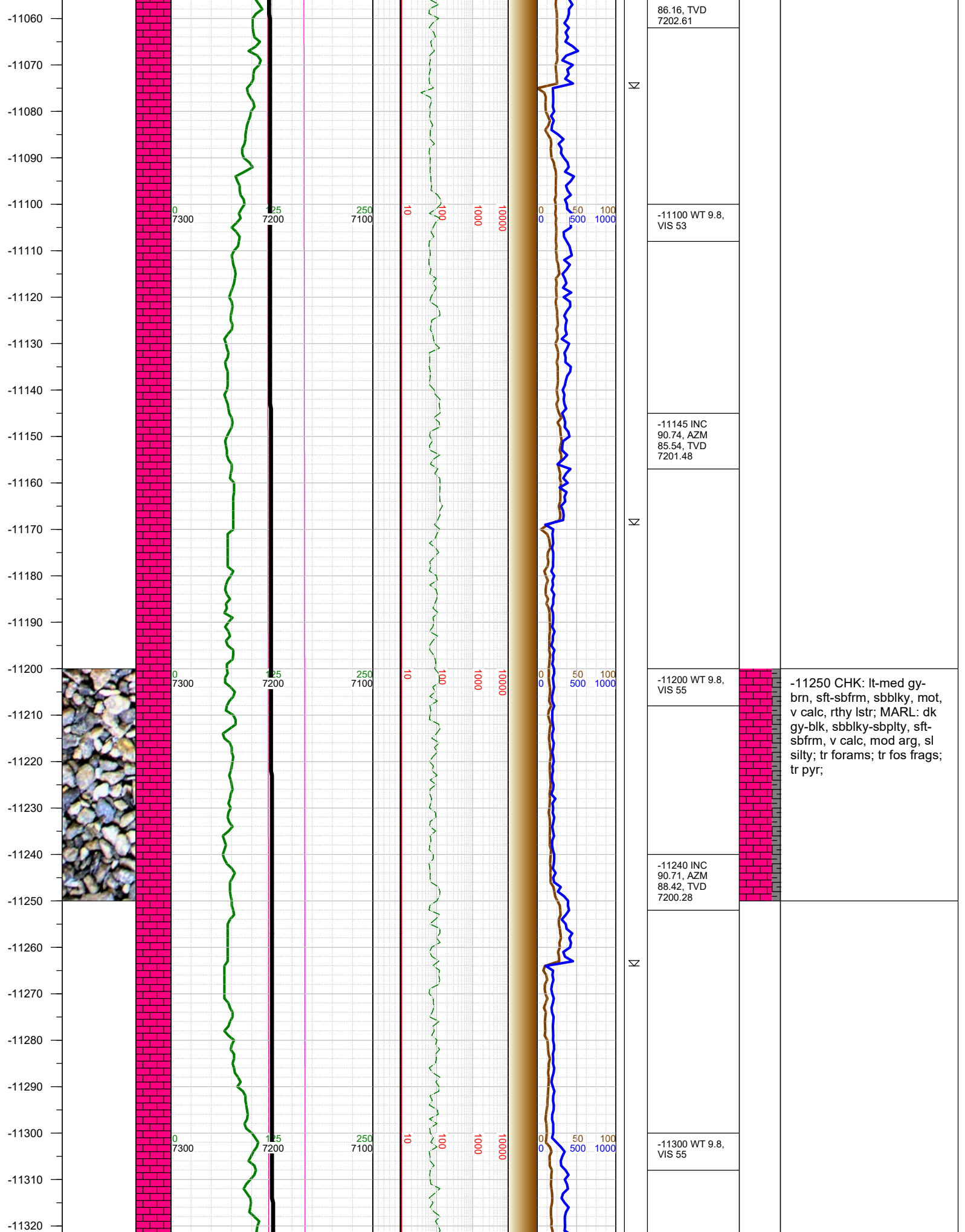
-10700 WT 9.8,
VIS 55

-10766 INC
90.52, AZM
88.67, TVD
7206.03

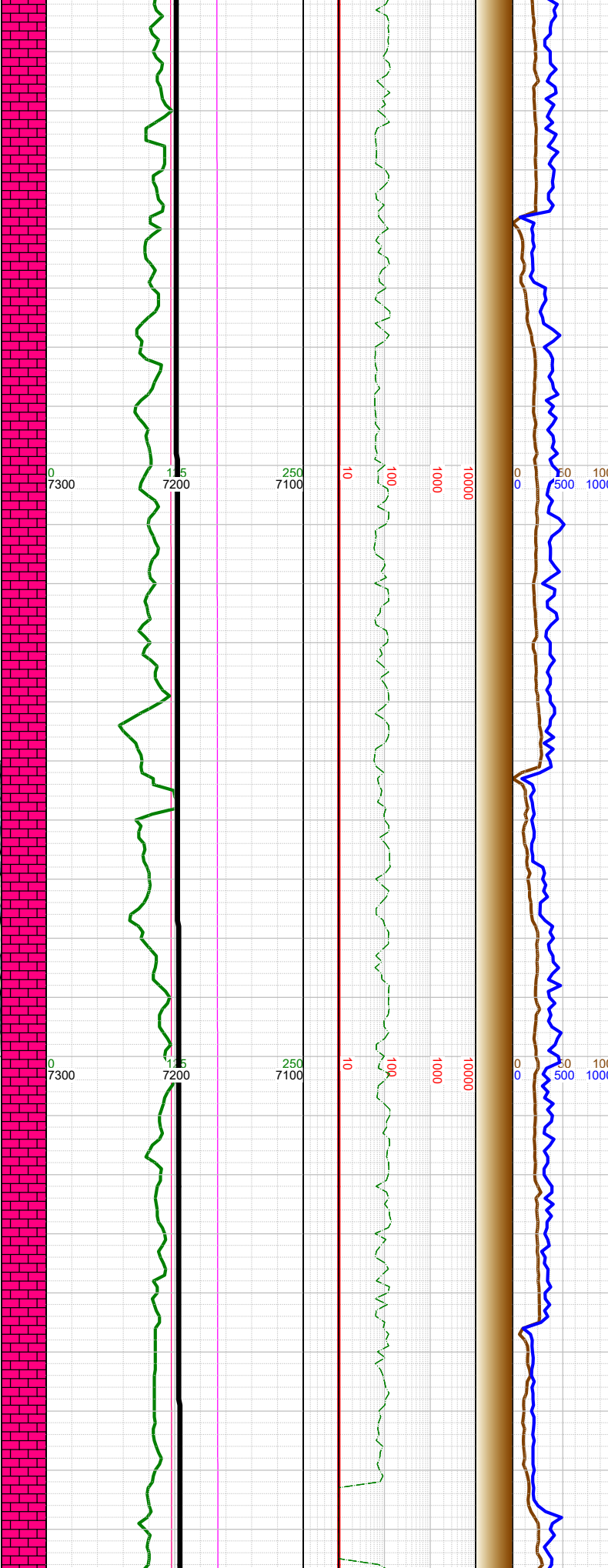
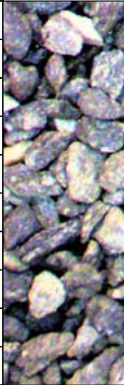


-10750 MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: lt-med gy-brn, sft-
sbfrm, sbbkly, mot, v calc,
rthy lstr; tr fos frags; mod
bent; tr pyr;





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-11334 INC
90.49, AZM
91.29, TVD
7199.29

-11400 WT 9.8,
VIS 55

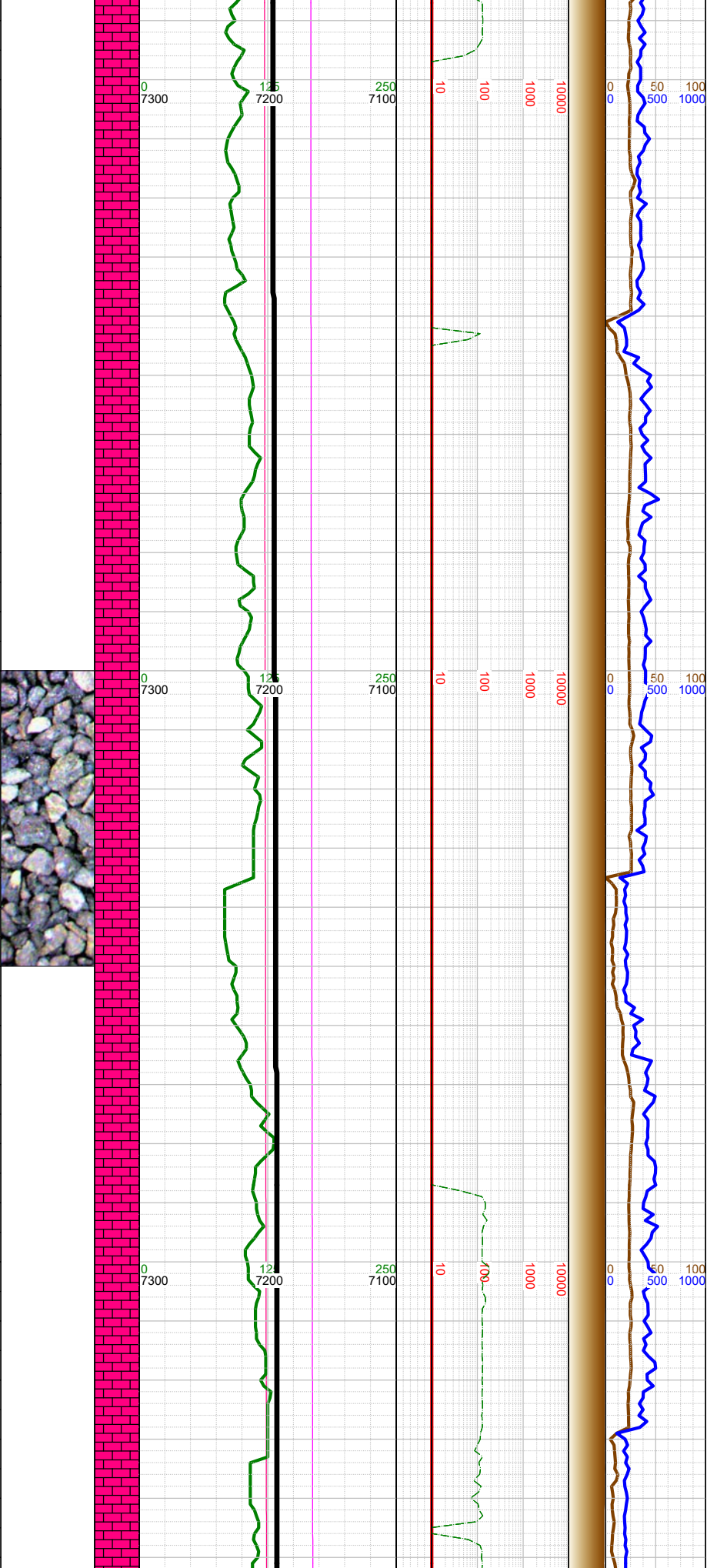
-11428 INC
90.92, AZM
91.73, TVD
7198.14

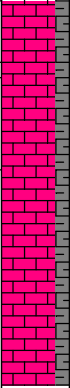
-11500 WT 9.8,
VIS 55

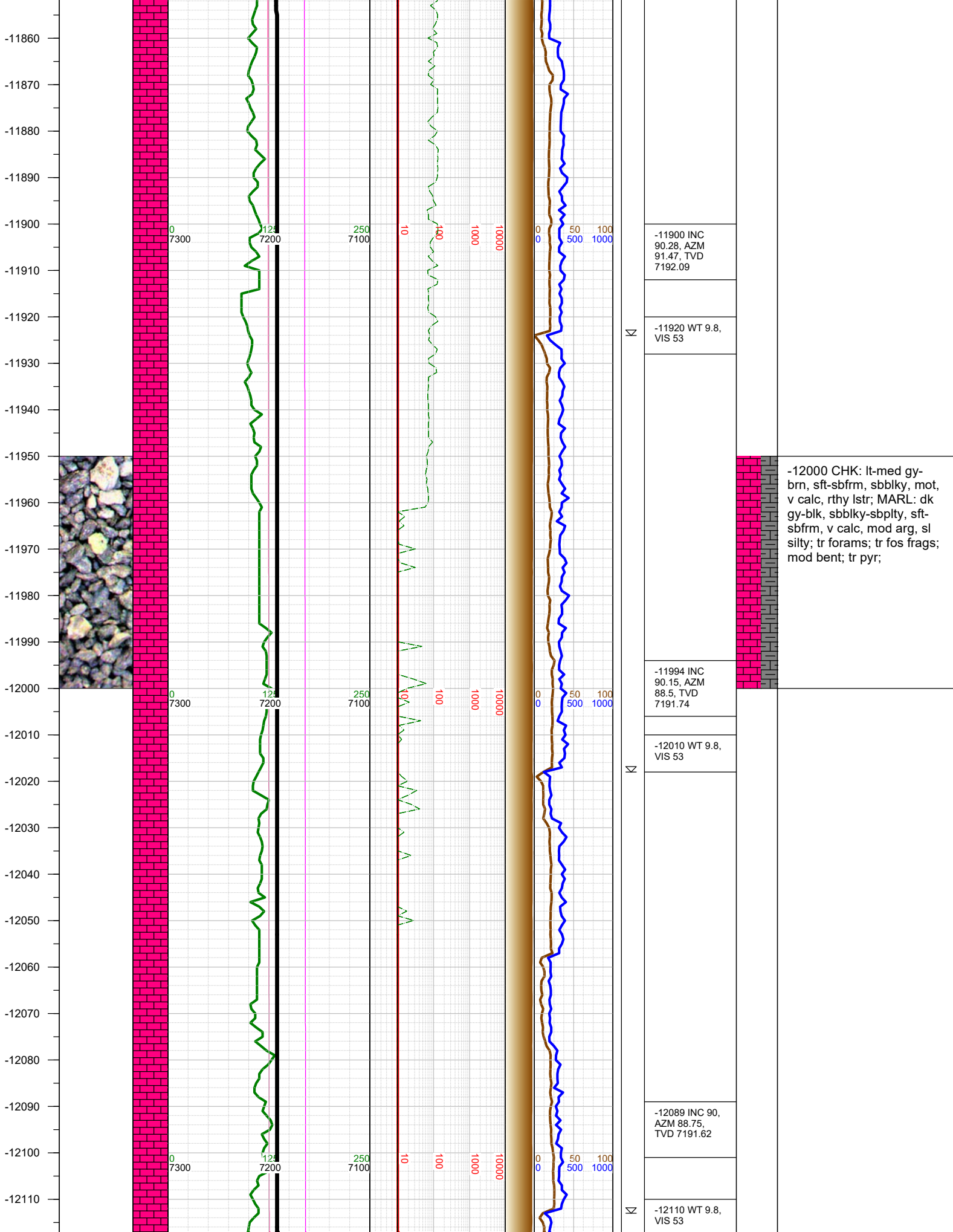
-11522 INC
90.55, AZM
92.83, TVD
7196.93

-11500 CHK: lt-med gy-
brn, sft-sbfrm, sbbly, mot,
v calc, rthy lstr; MARL: dk
gy-blk, sbbly-sbply, sft-
sbfrm, v calc, mod arg, sl
silty; mod forams; tr fos
frags; tr pyr;

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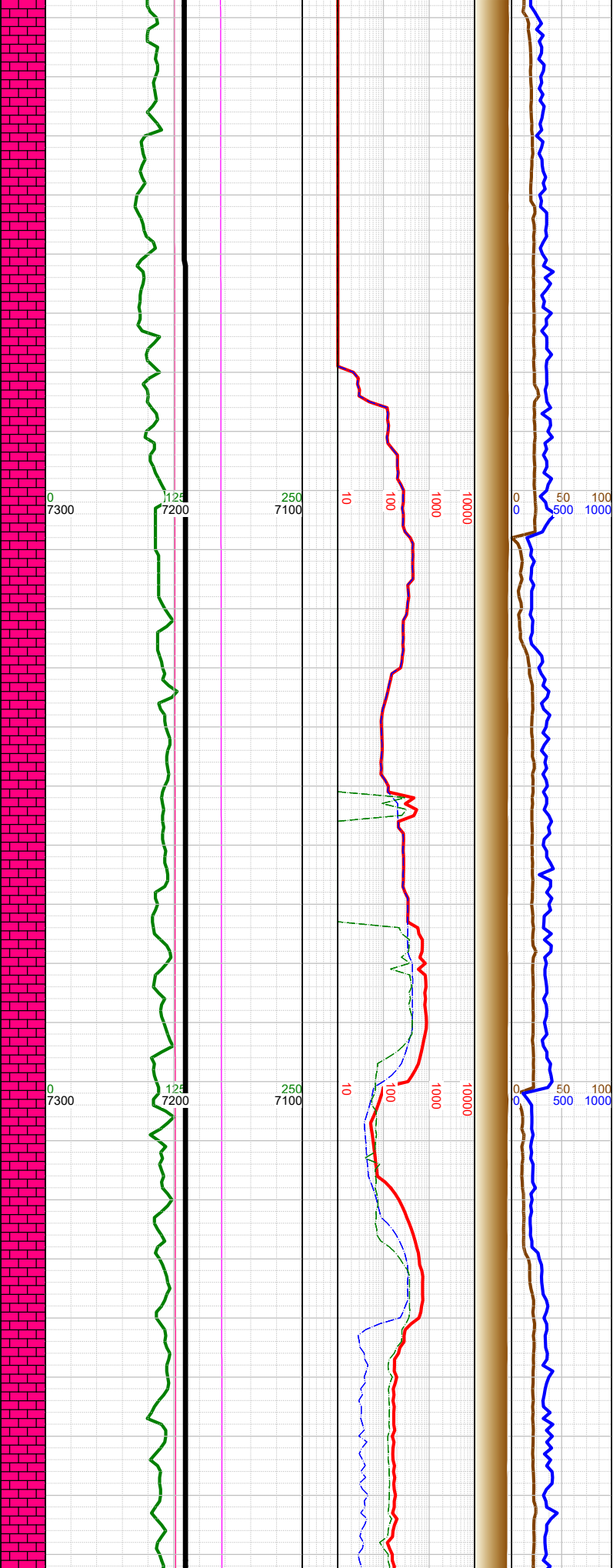


N	-11600 WT 9.8, VIS 56		
	-11616 INC 90.8, AZM 92.65, TVD 7195.82		
N	-11700 WT 9.8, VIS 56		-11750 CHK: lt-med gy-brn, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, v calc, mod arg, sl silty; tr forams; tr fos frags; tr pyr; tr bent;
	-11710 INC 90.98, AZM 93.66, TVD 7194.36		
N	-11805 INC 90.74, AZM 93.61, TVD 7192.94		
	-11820 WT 9.8, VIS 56		



-12000 CHK: lt-med gy-brn, sft-sbfrm, sbbiky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbiky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; tr forams; tr fos frags; mod bent; tr pyr;

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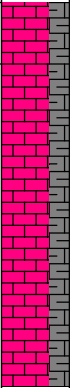


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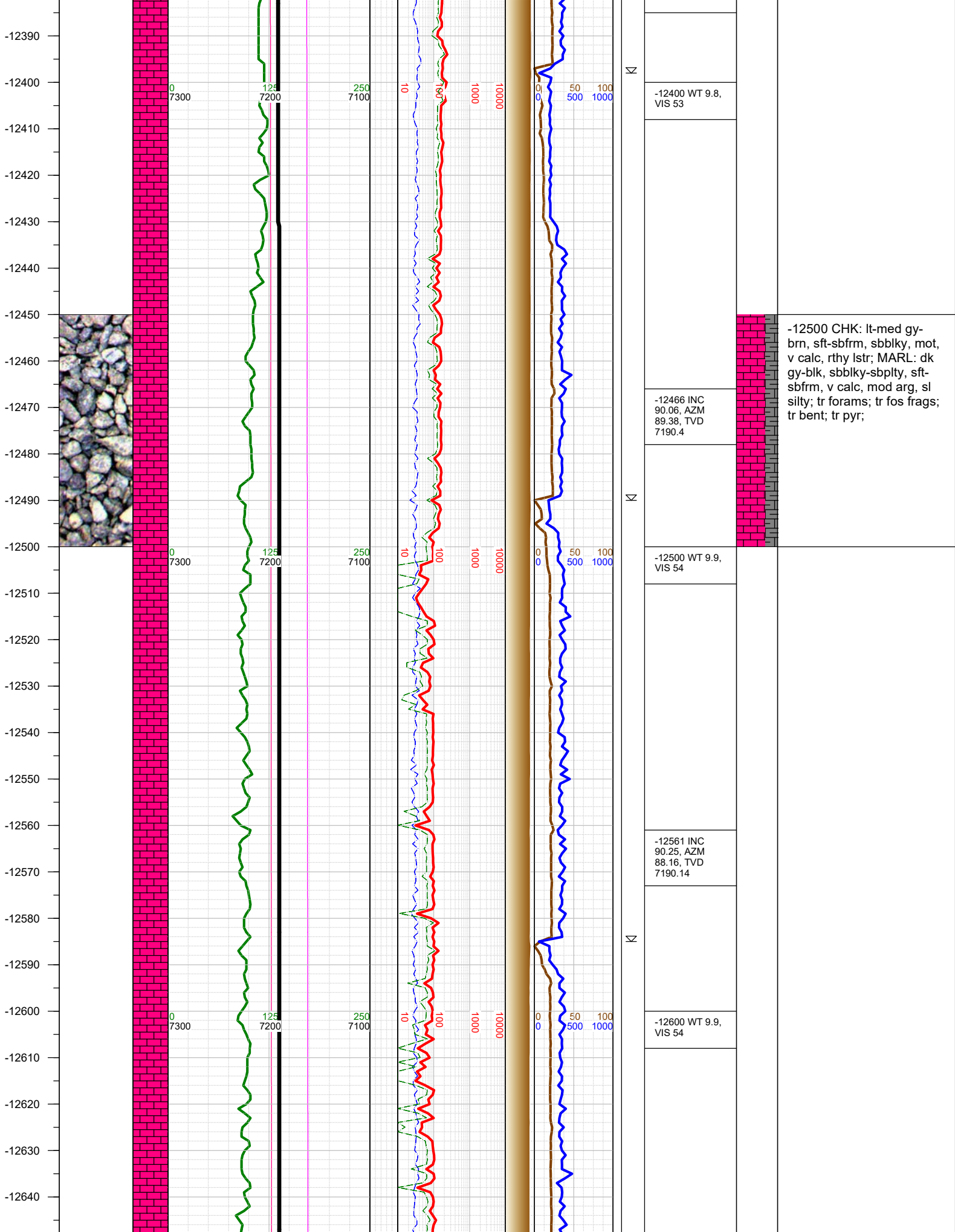
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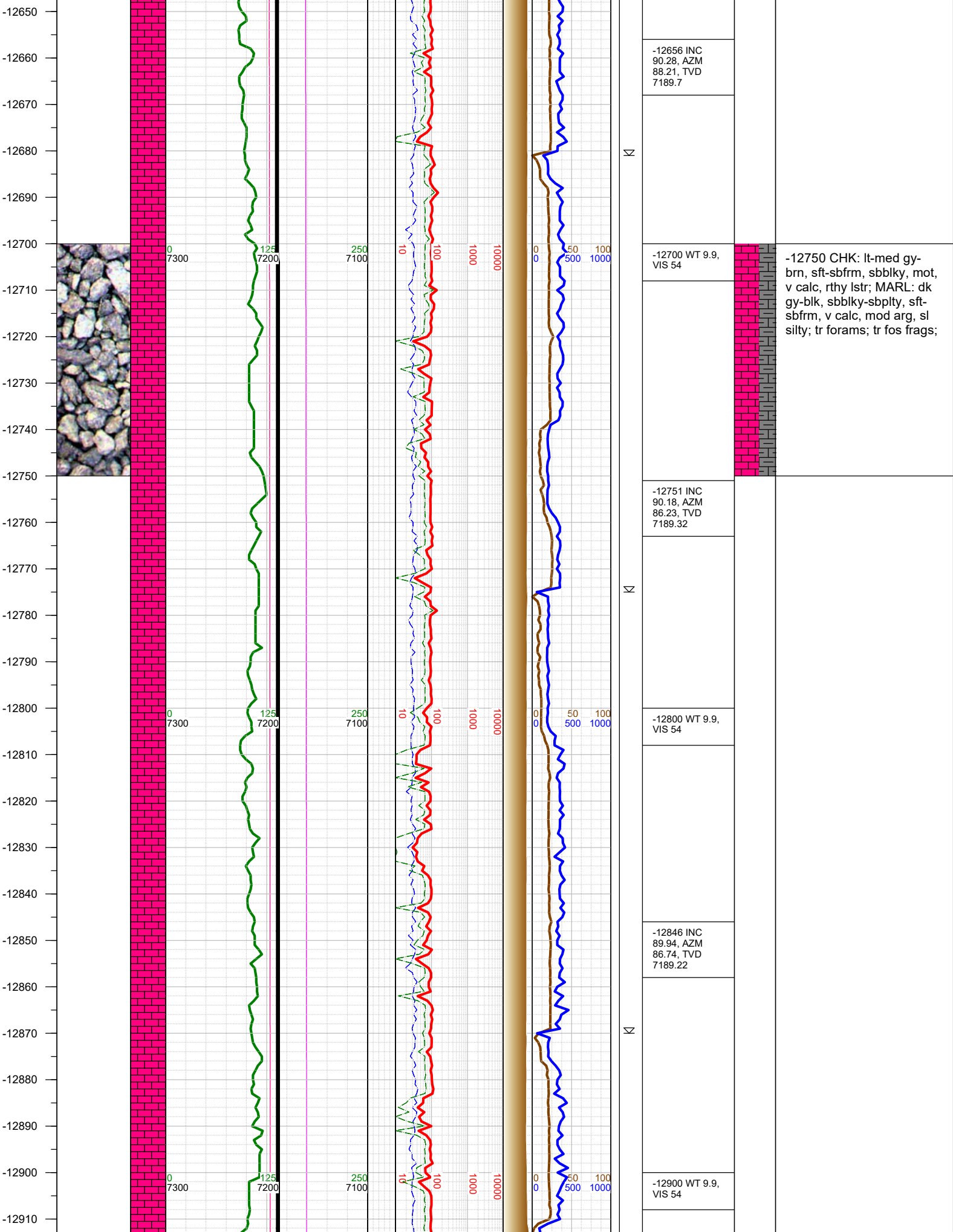
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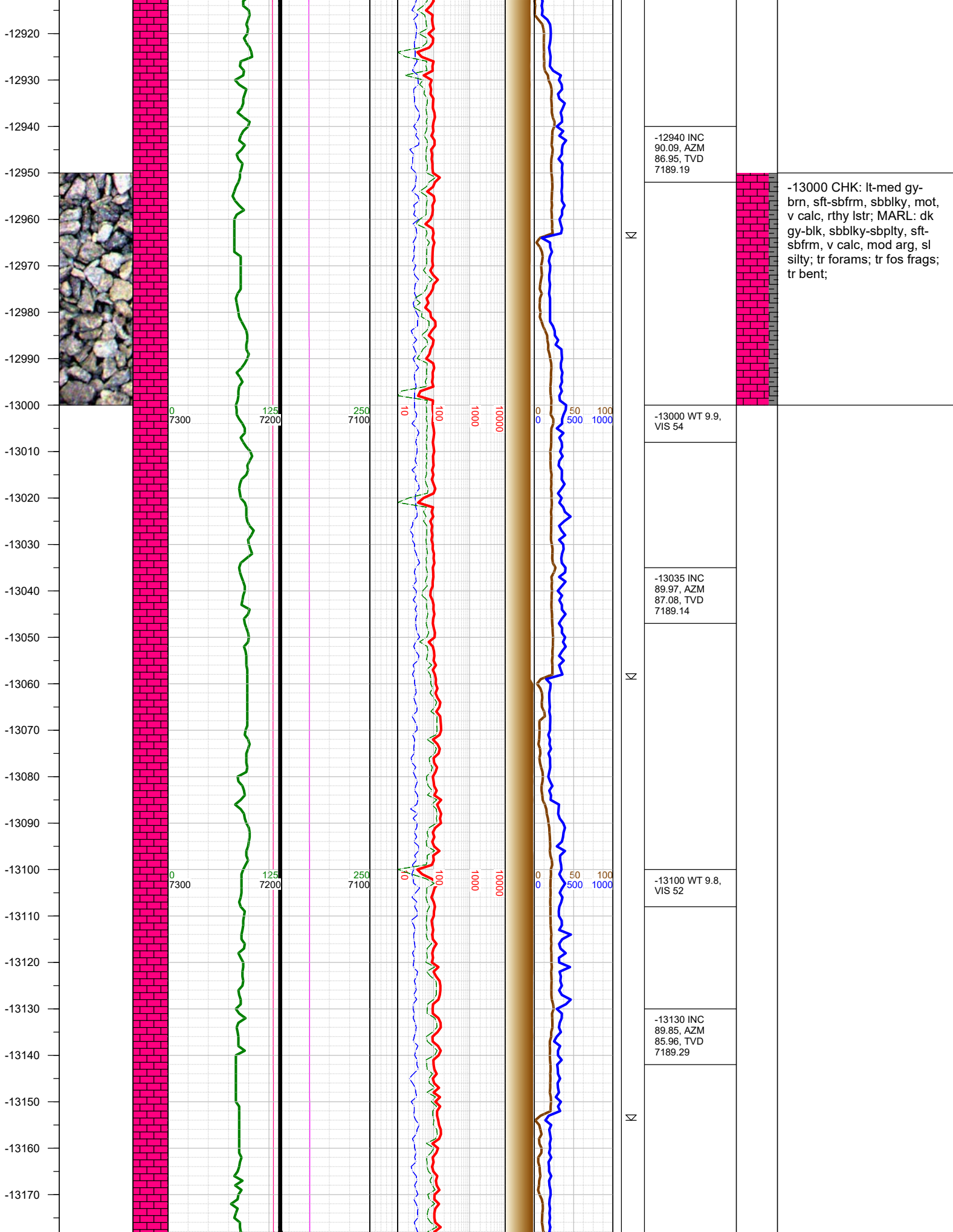
	-12183 INC 90.18, AZM 88.13, TVD 7191.47
	-12200 WT 9.8, VIS 53
	-12278 INC 90.25, AZM 87.91, TVD 7191.11
	-12300 WT 9.8, VIS 53
	-12341 Low gas through 14097' due to gas watch detector maintenance performed by NOV tech.
	-12373 INC 90.28, AZM 90.5, TVD 7190.67

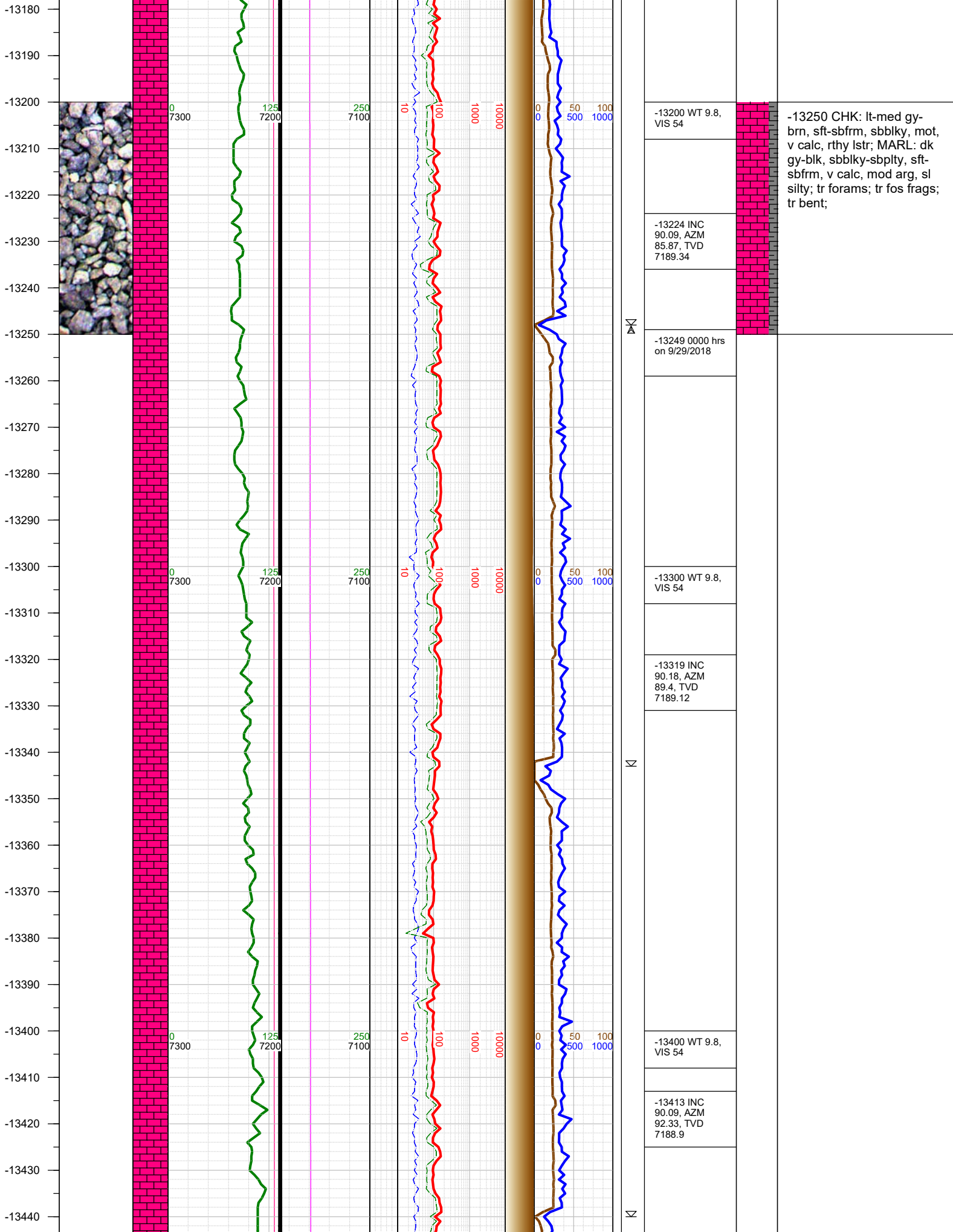


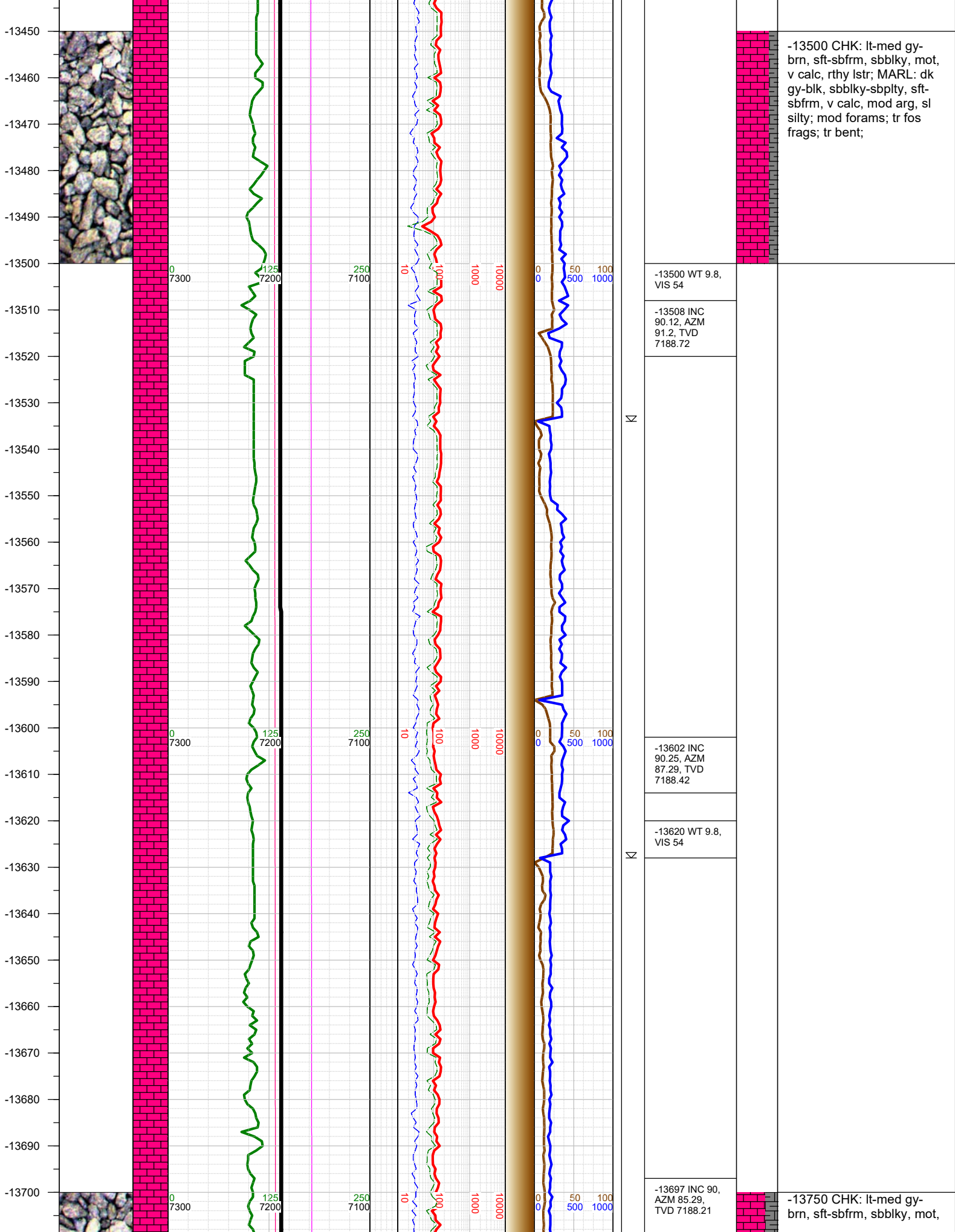
-12250 CHK: lt-med gy-
brn, sft-sbfrm, sbbkly, mot,
v calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, v calc, mod arg, sl
silty; tr forams; tr fos frags;
tr bent; tr pyr;

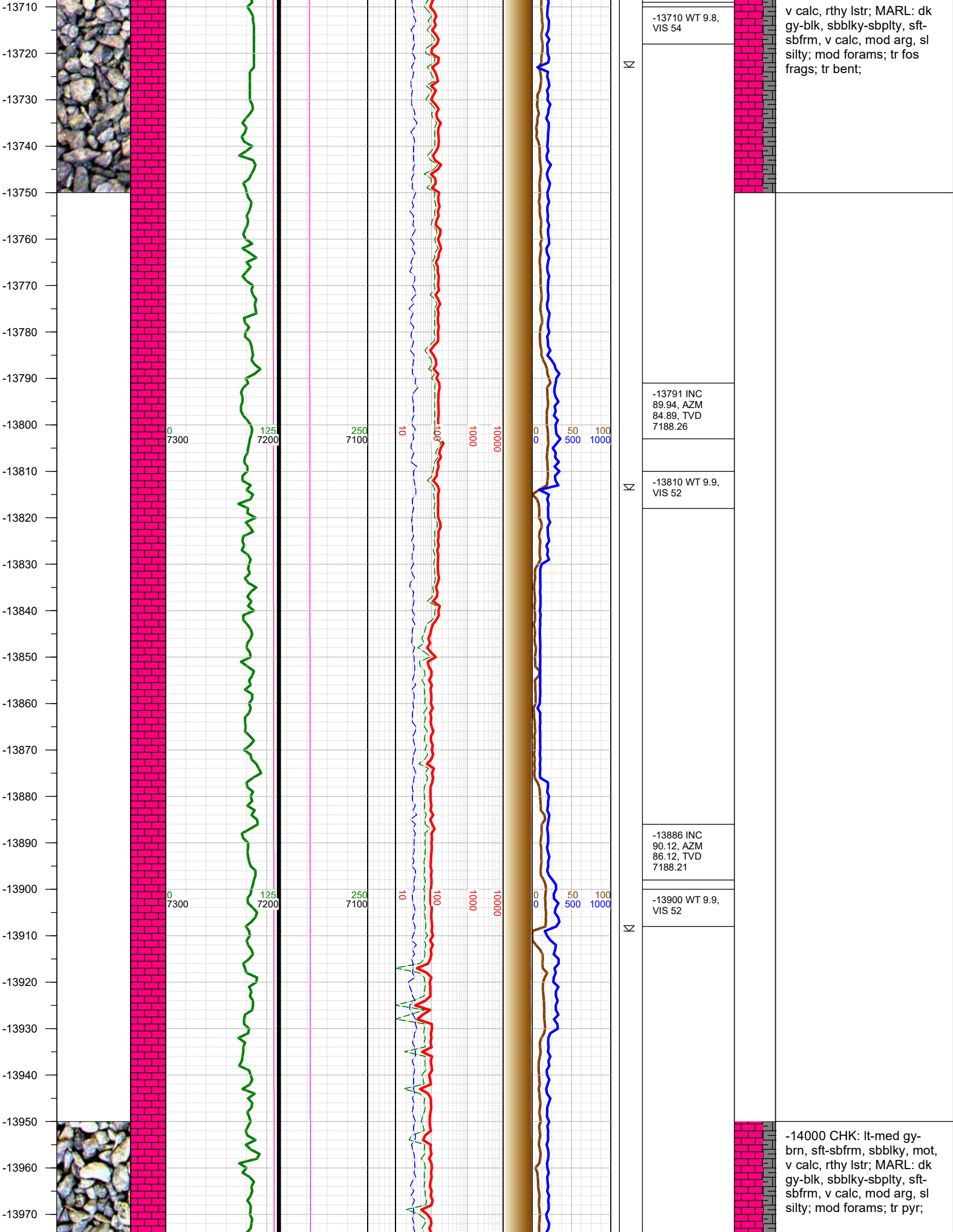




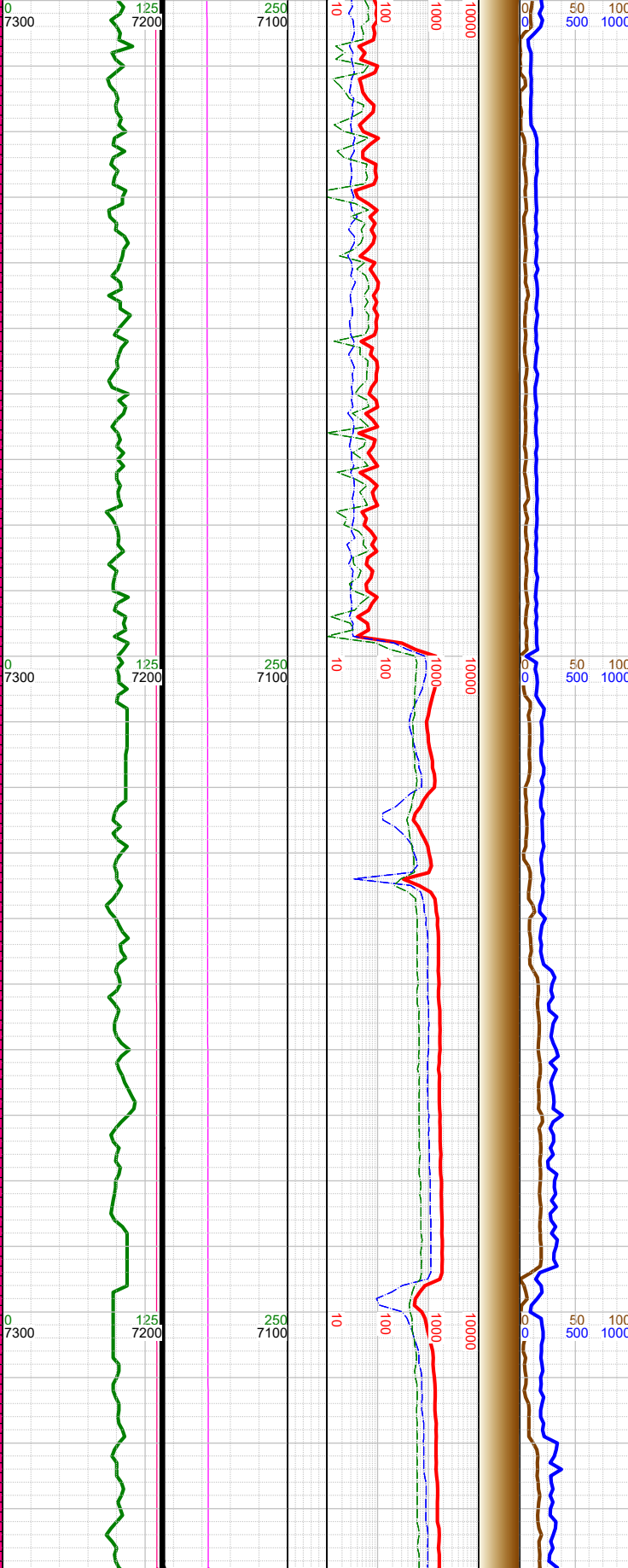
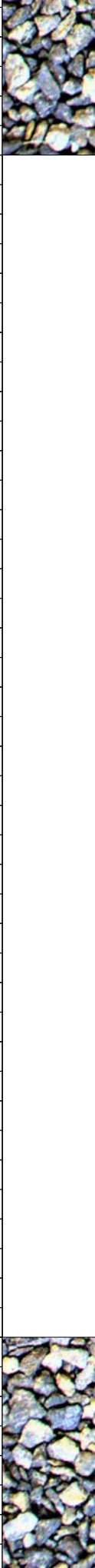








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-13981 INC
90.03, AZM
86.19, TVD
7188.09

-14000 WT 9.9,
VIS 53

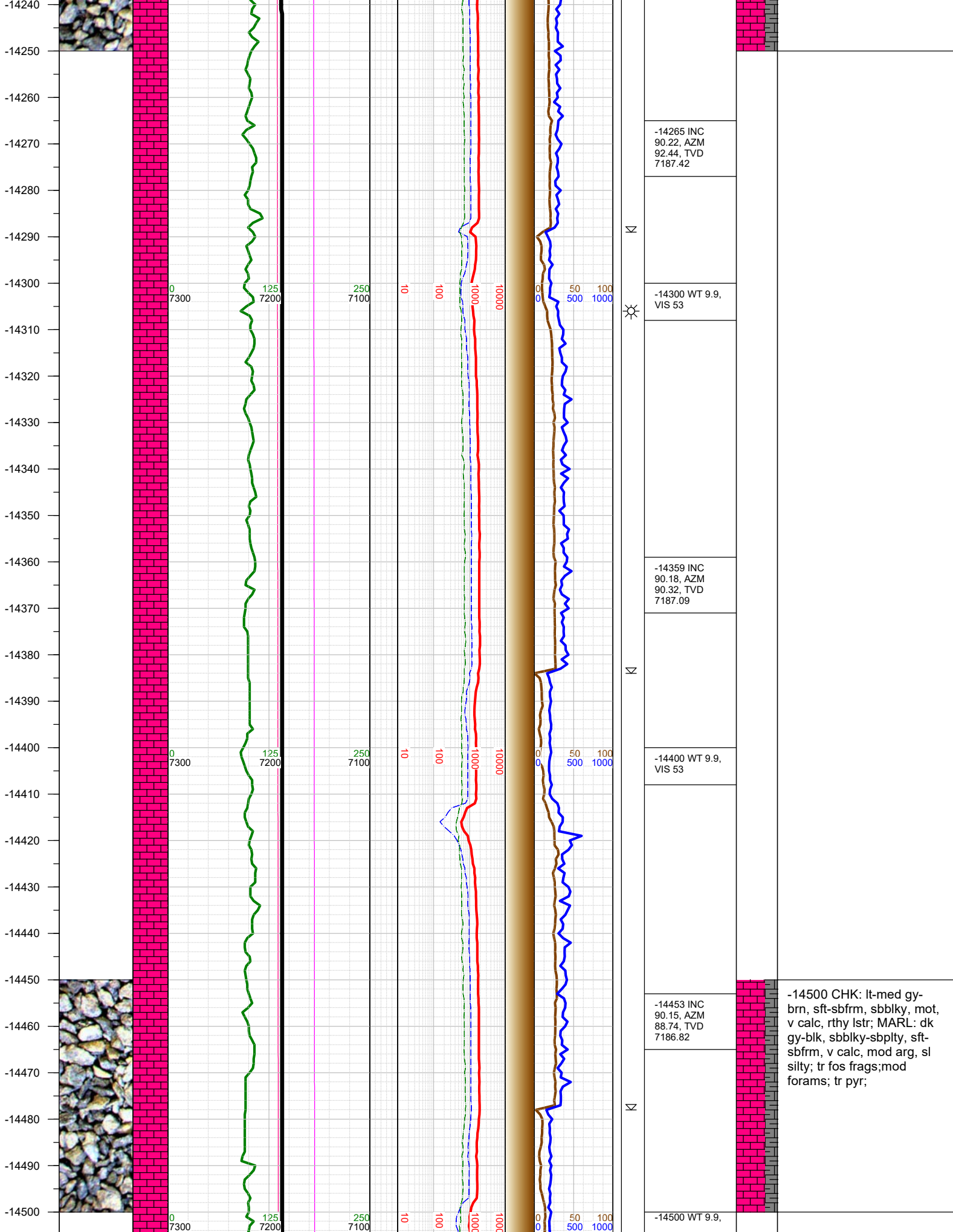
-14075 INC
90.06, AZM
89.06, TVD
7188.01

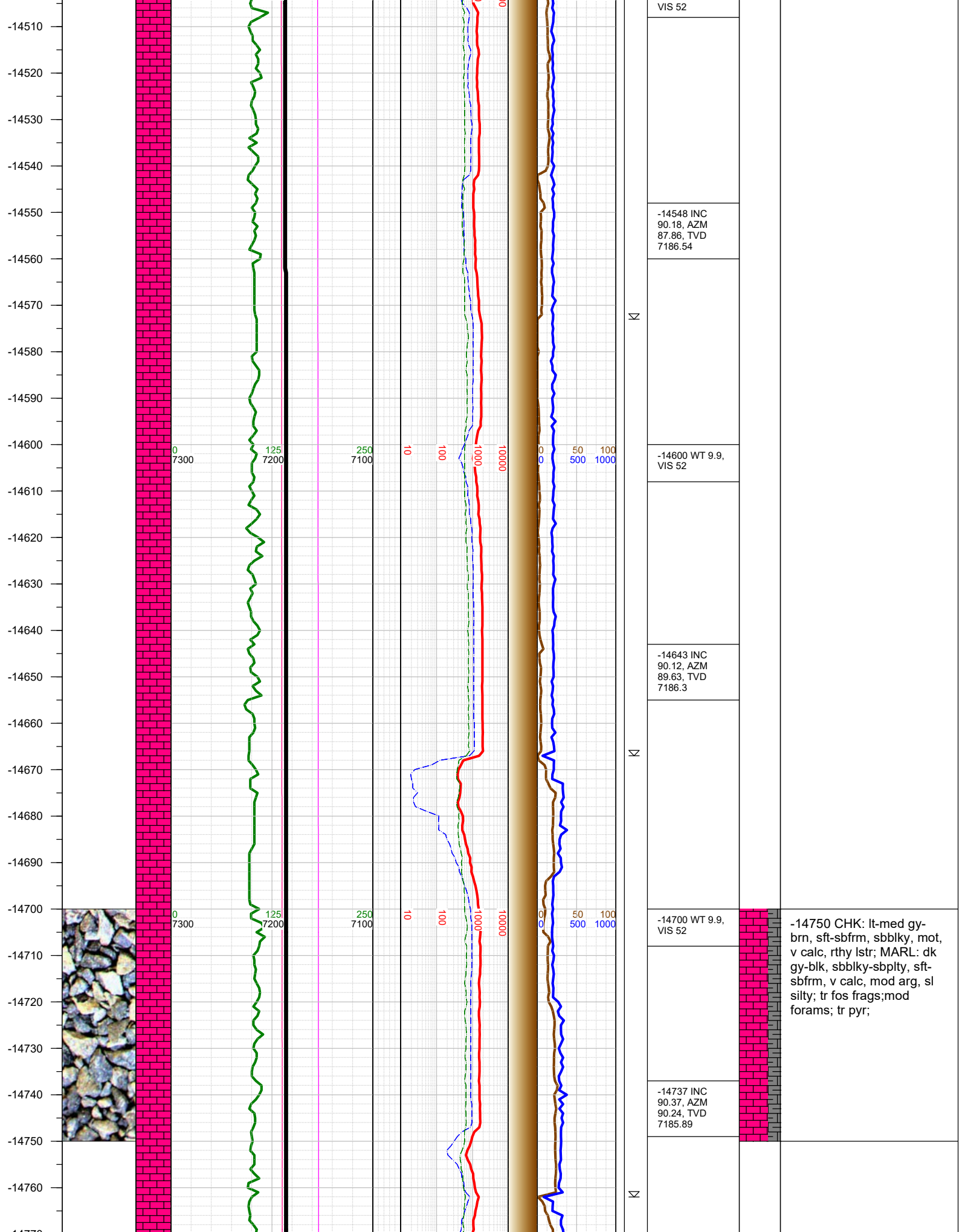
-14100 WT 9.9,
VIS 53

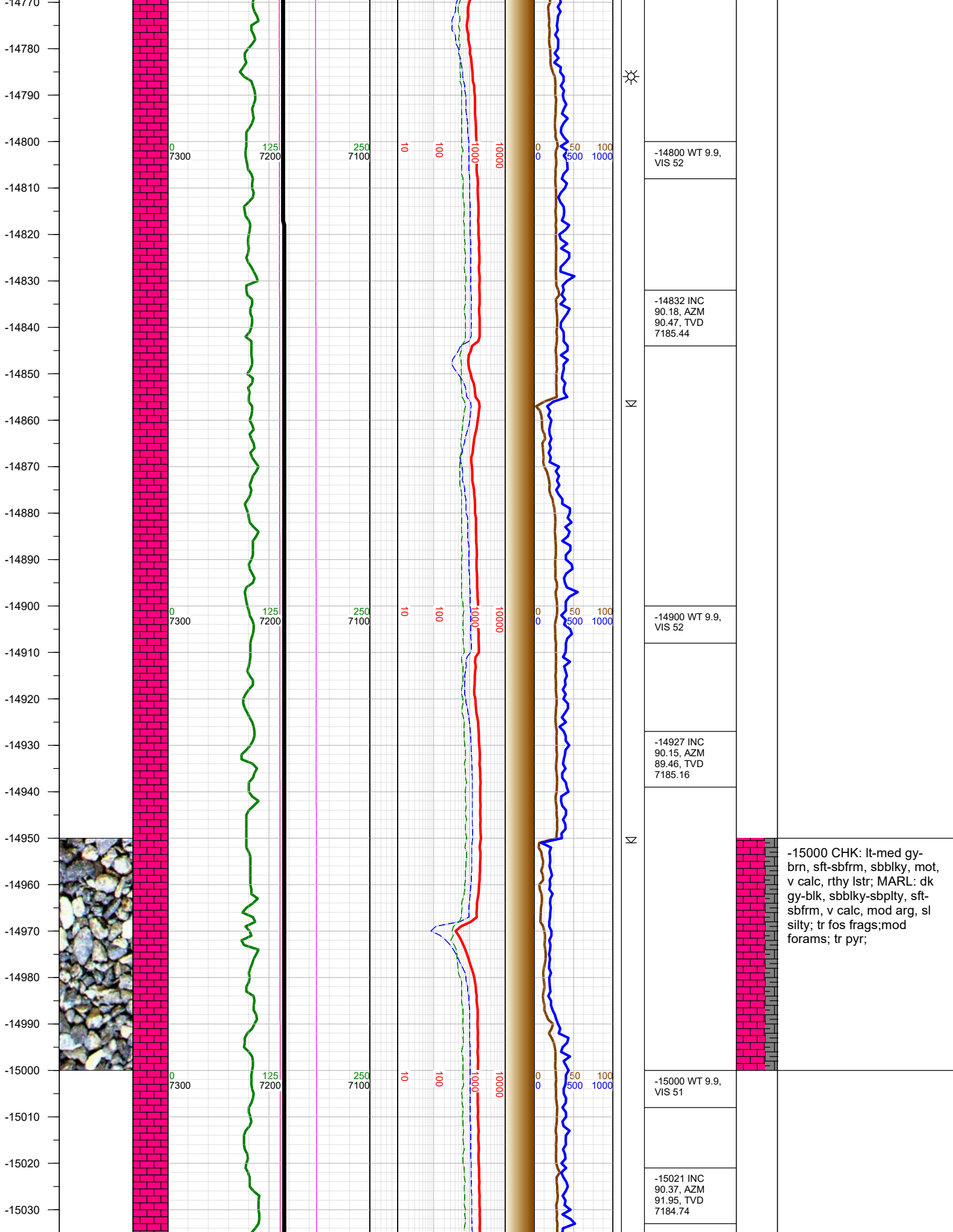
-14170 INC
90.22, AZM
92.18, TVD
7187.78

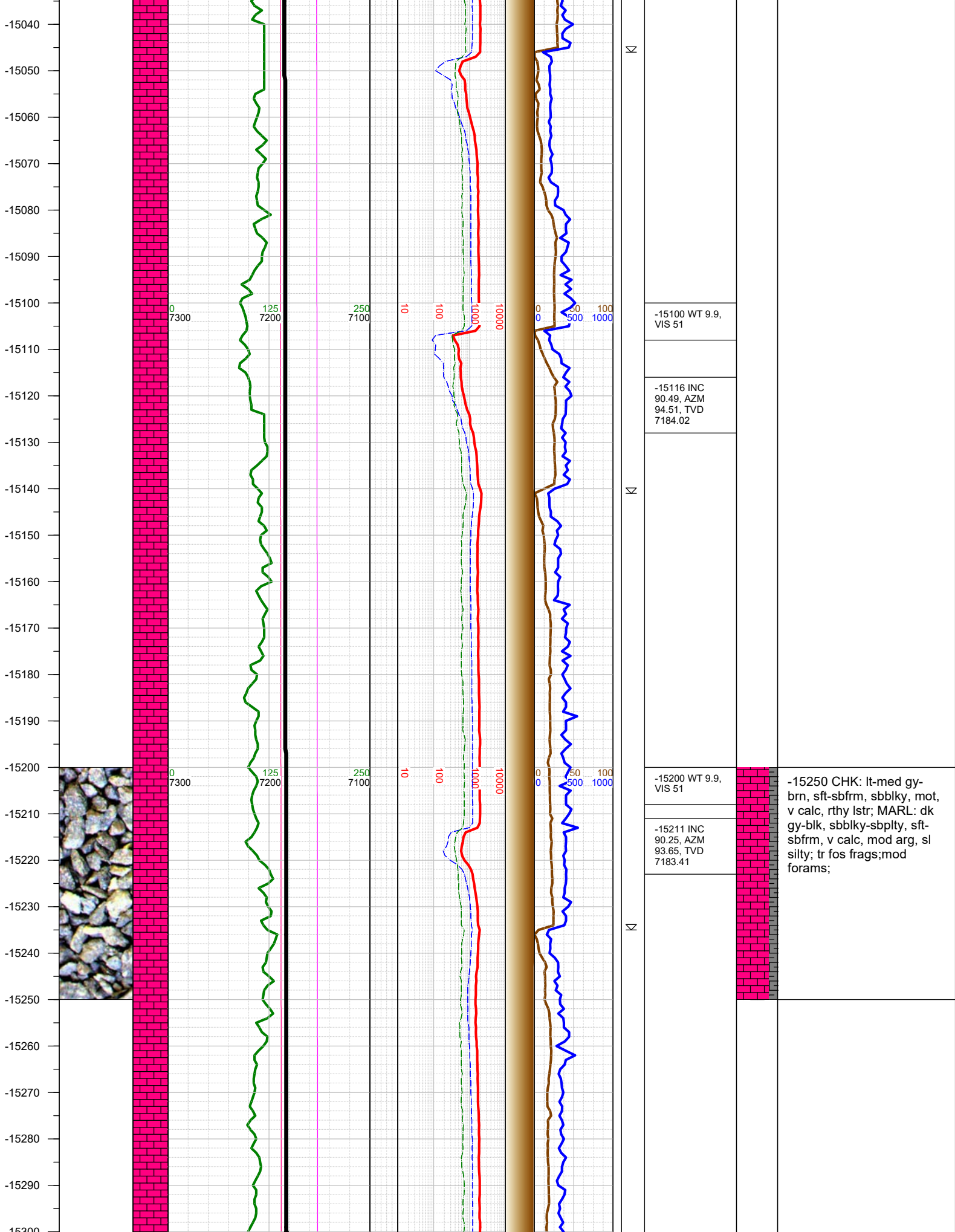
-14200 WT 9.9,
VIS 53

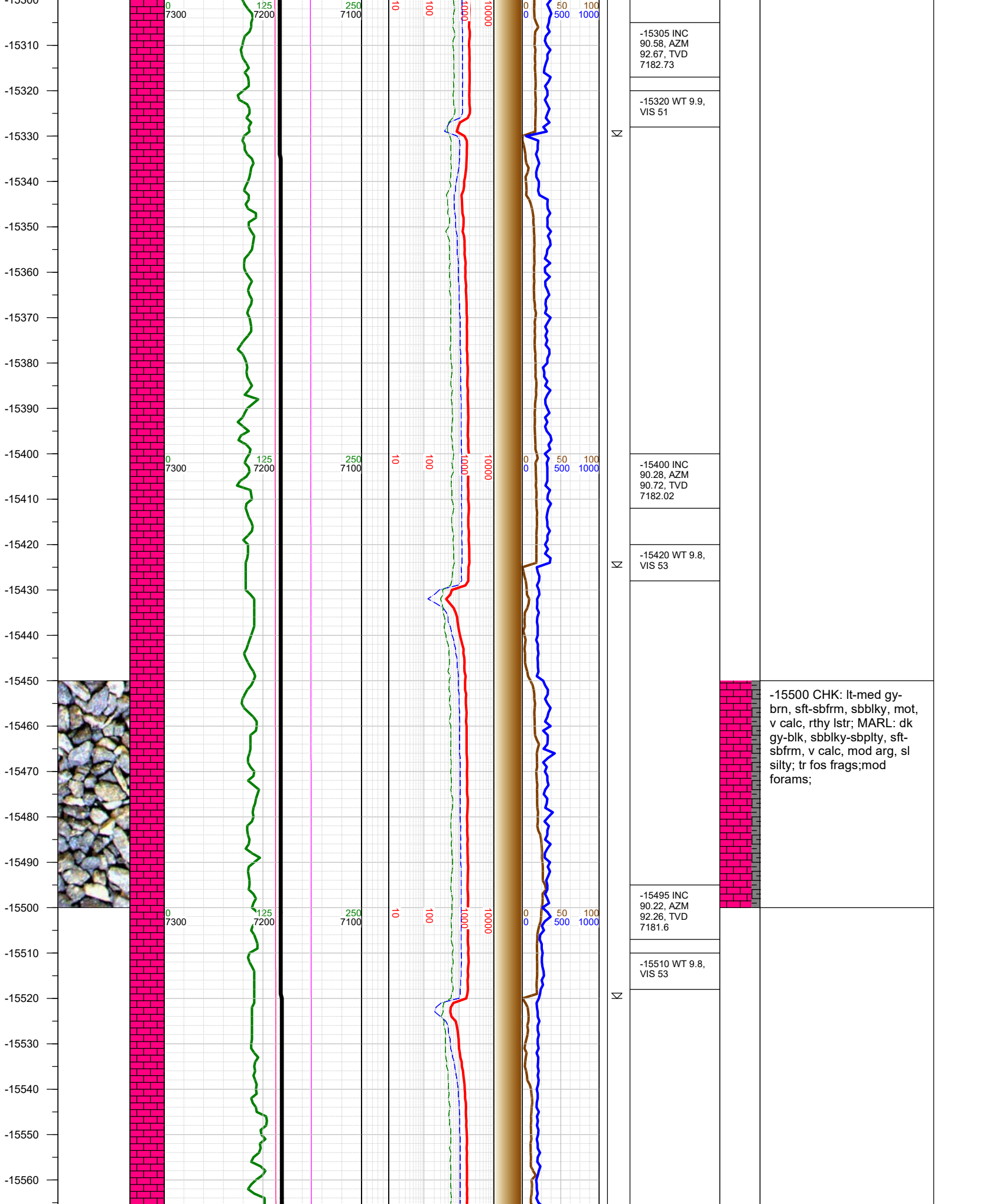
-14250 CHK: lt-med gy-
brn, sft-sbfrm, sbblky, mot,
v calc, rthy lstr; MARL: dk
gy-blk, sbblky-sbplty, sft-
sbfrm, v calc, mod arg, sl
silty; tr fos frags;mod
forams; tr pyr;

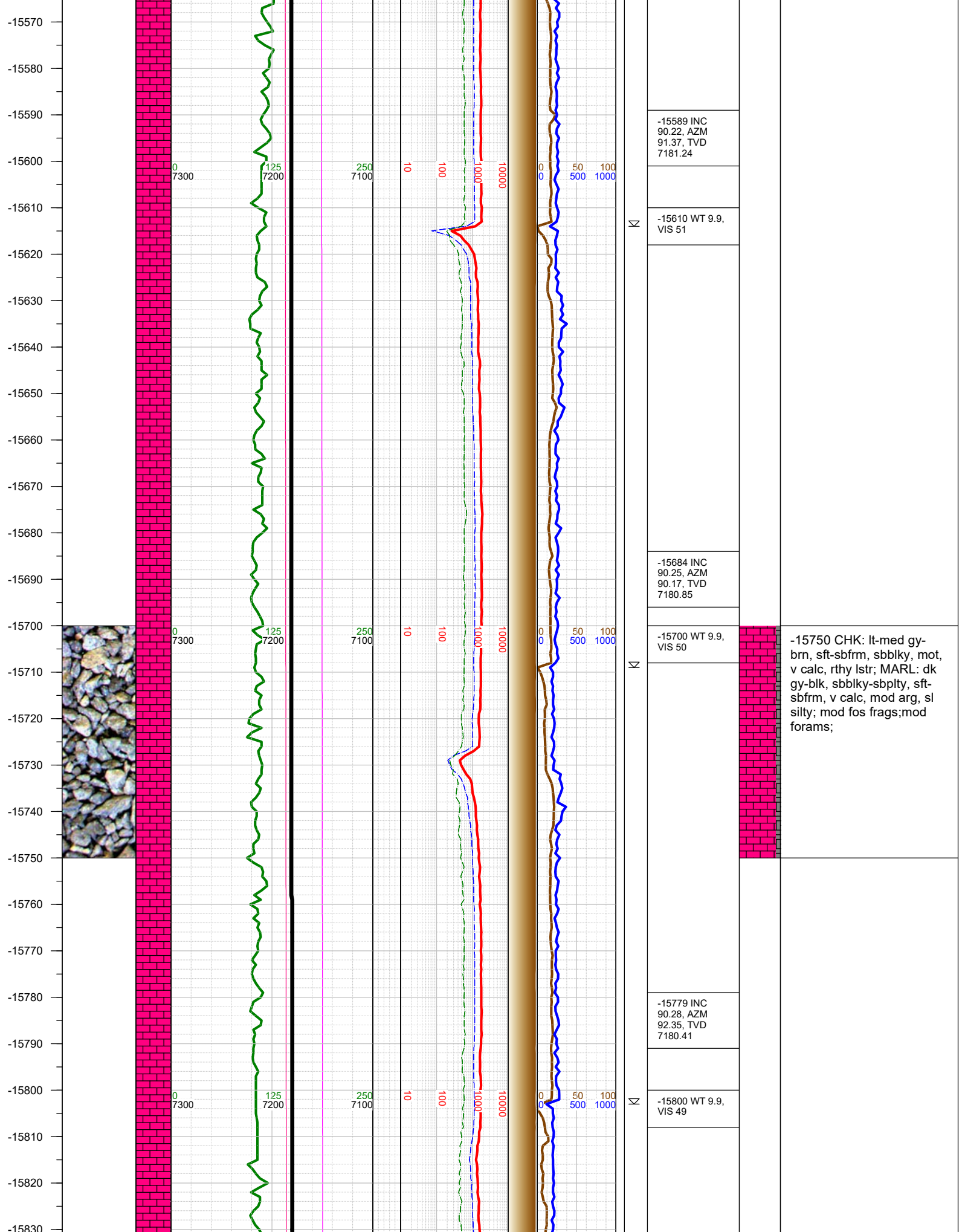


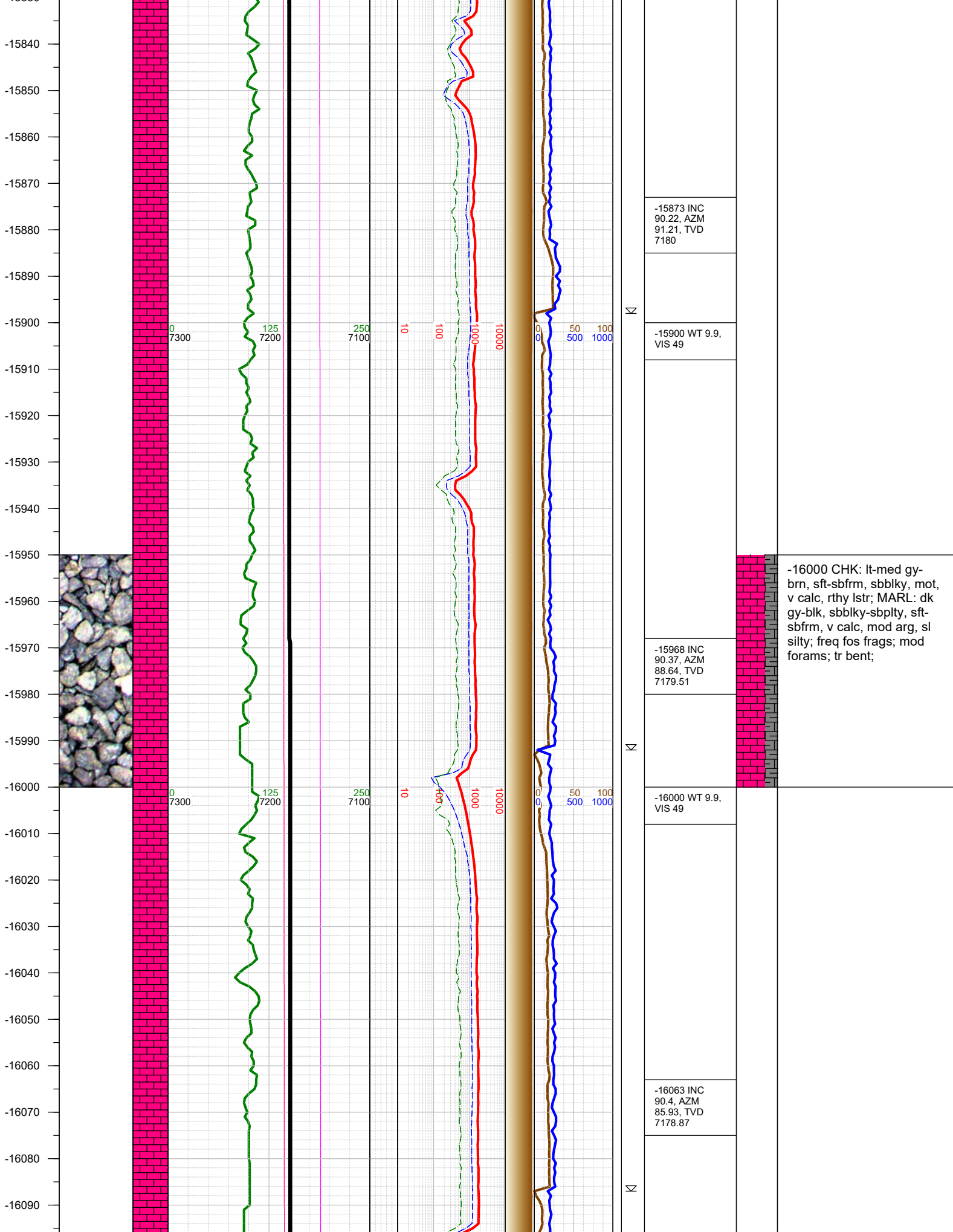


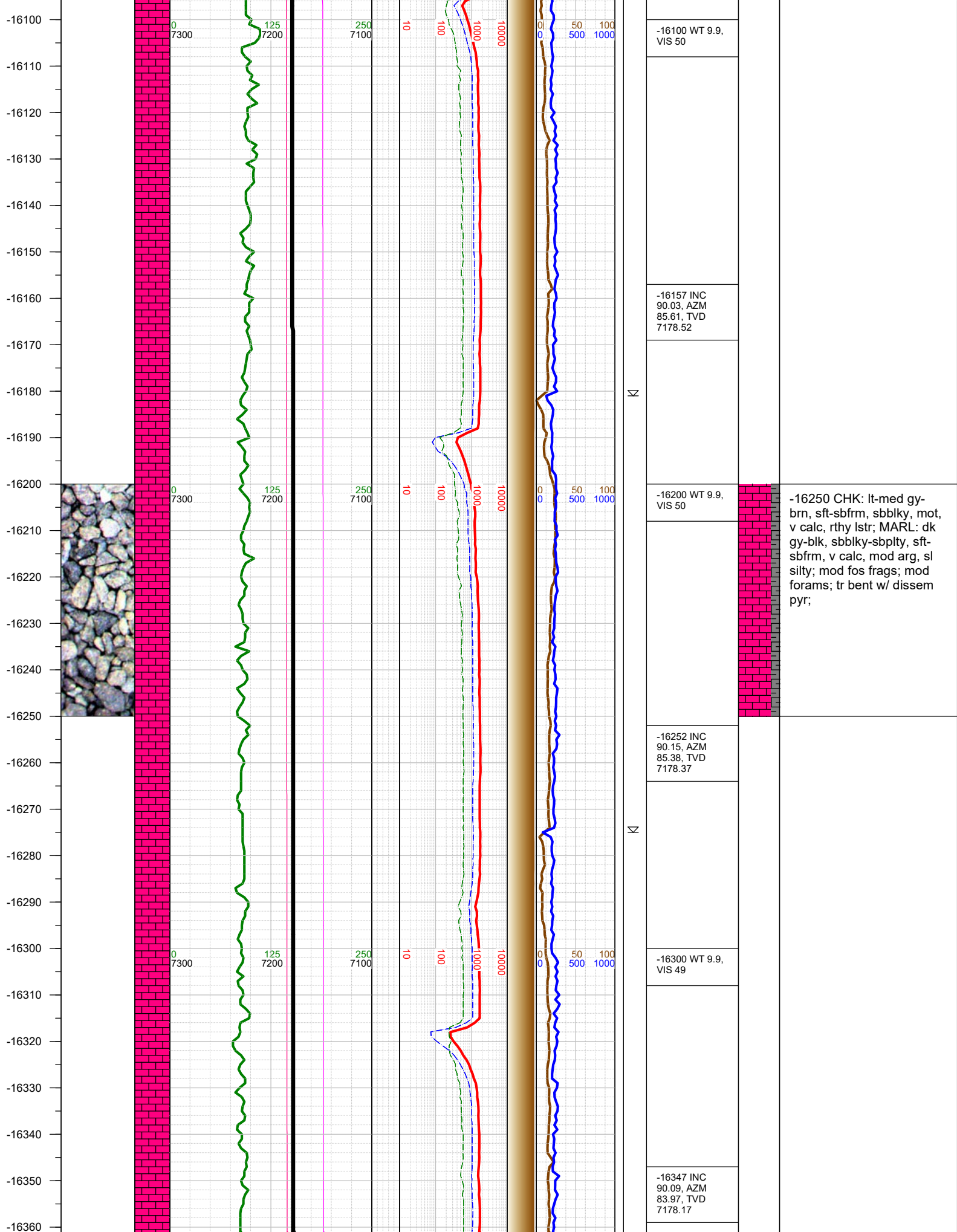


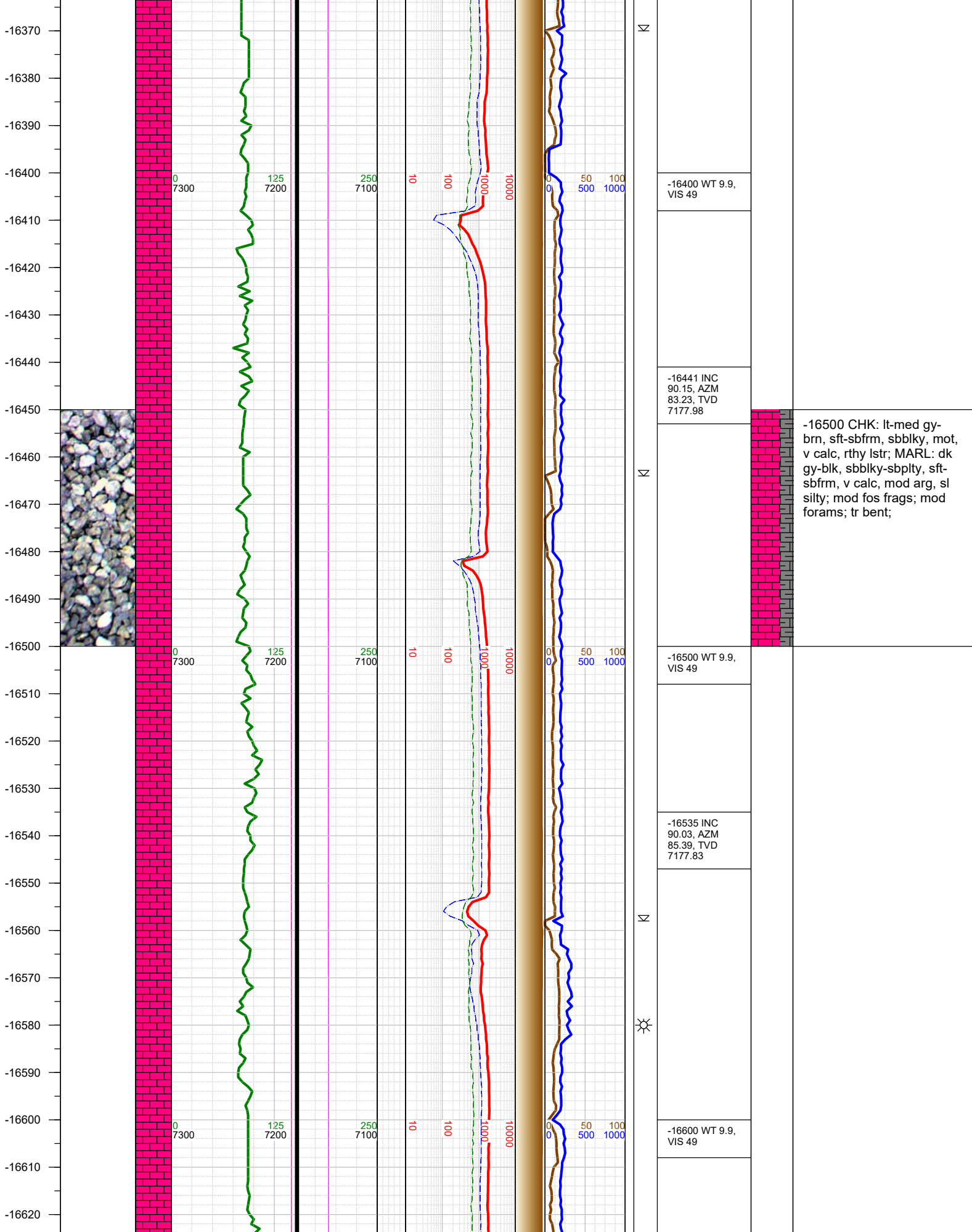












-16400 WT 9.9,
VIS 49

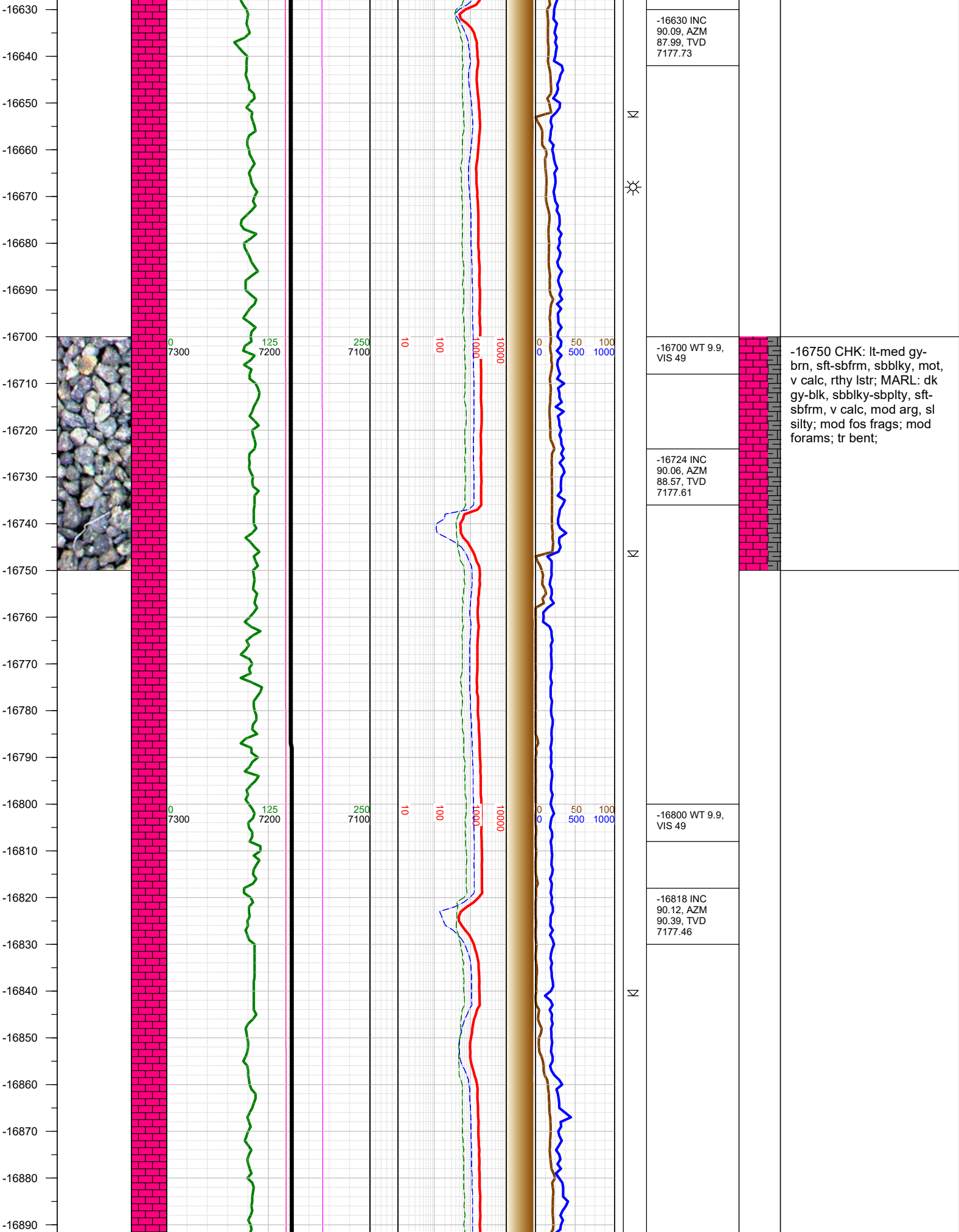
-16441 INC
90.15, AZM
83.23, TVD
7177.98

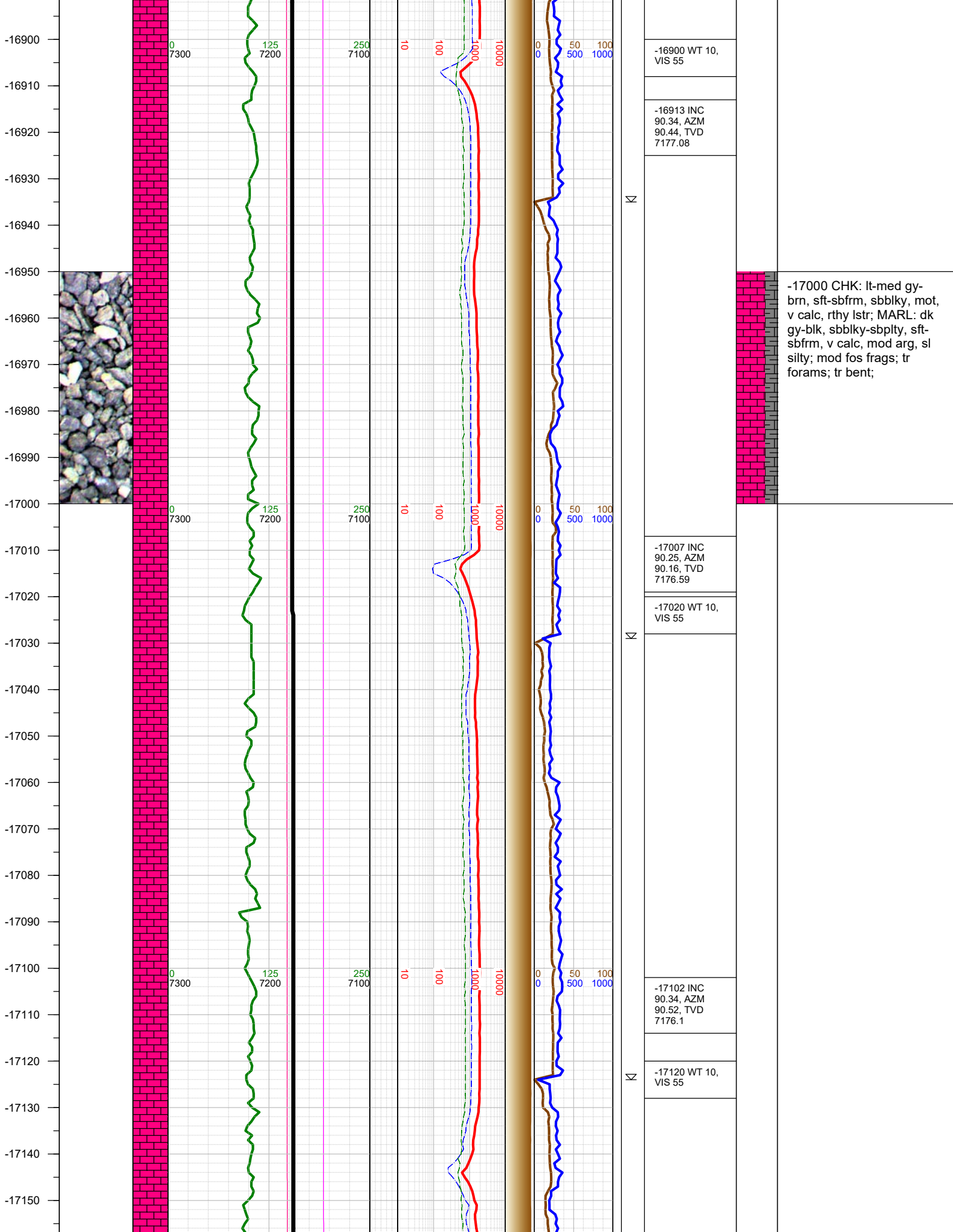
-16500 CHK: lt-med gy-
brn, sft-sbfrm, sbbly, mot,
v calc, rthy lstr; MARL: dk
gy-blk, sbbly-sbply, sft-
sbfrm, v calc, mod arg, sl
silty; mod fos frags; mod
forams; tr bent;

-16500 WT 9.9,
VIS 49

-16535 INC
90.03, AZM
85.39, TVD
7177.83

-16600 WT 9.9,
VIS 49





-17000 CHK: lt-med gy-brn, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbply, sft-sbfrm, v calc, mod arg, sl silty; mod fos frags; tr bent;

