

OPERATOR: **Mallard Exploration**
 WELL NAME: **Blue Teal Fed 15-3-5HN**
 FIELD NAME: DJ Basin - Wattenberg
 DRILLING RIG: Cyclone 37
 API #: 05-123-48423

LAT/LONG: 40.653831, -104.075714
 SURFACE HOLE: NWNE S22-T8N-R60W, 480' FNL, 2201' FEL
 BOTTOM HOLE: S3-T8N-R60W, 1719' FSL, 2300' FWL



Earth Science Agency, LLC

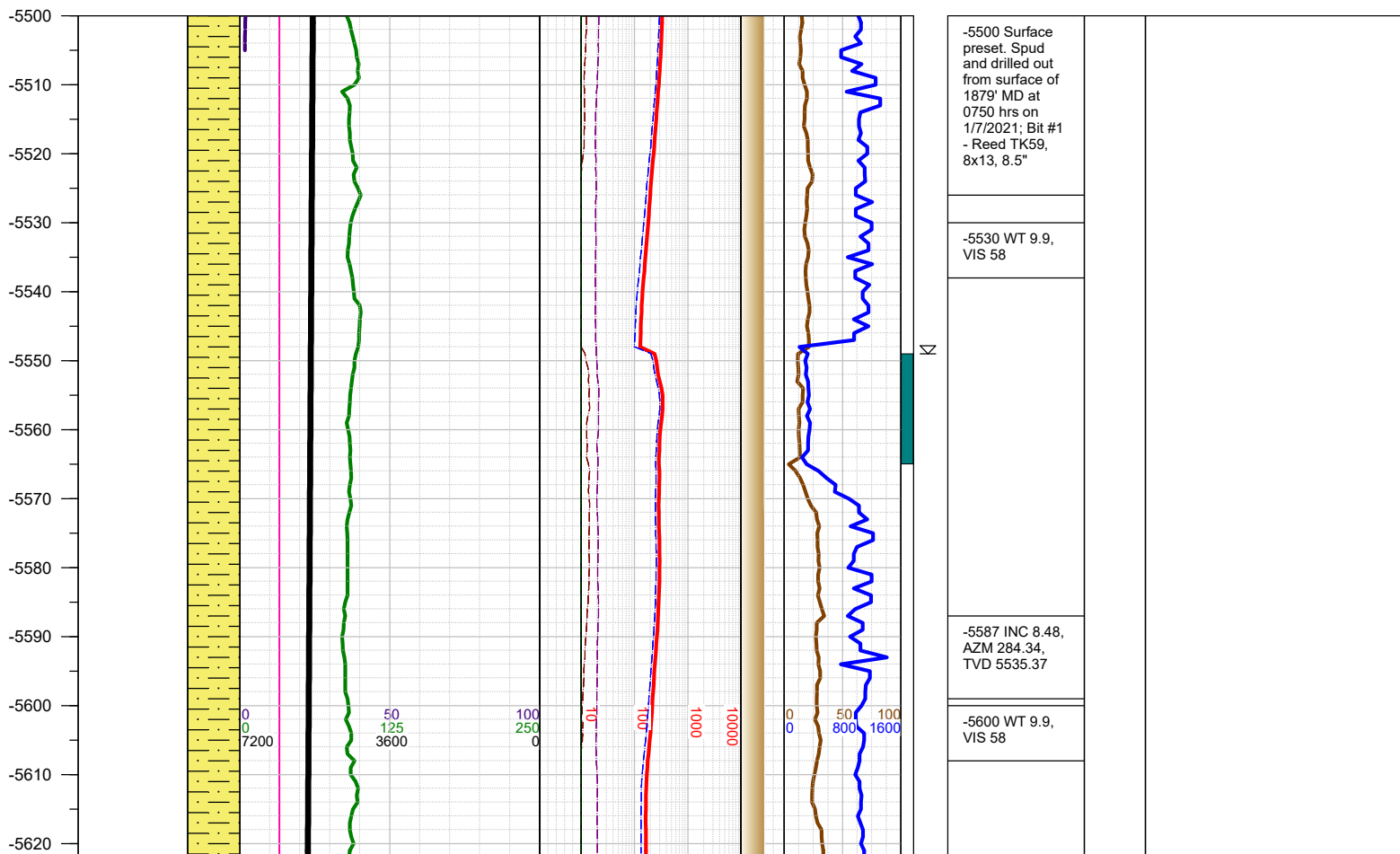
COUNTY: Weld
 STATE: Colorado
 GROUND ELEVATION: 4892'
 KELLY BUSHING: 4919'
 DRILLING FLUID: OBM
 TVD VS. MD: 6278' / 18619'
 SPUD DATE: January 7, 2021
 TD DATE: January 10, 2021
 DEPTHS LOGGED: 5500' - 18619'
 DATES LOGGED: January 7, 2021 - January 10, 2021
 GEOLOGISTS: Brian Whitfield, Dominic Pitre
 SCALE: 5" = 100'

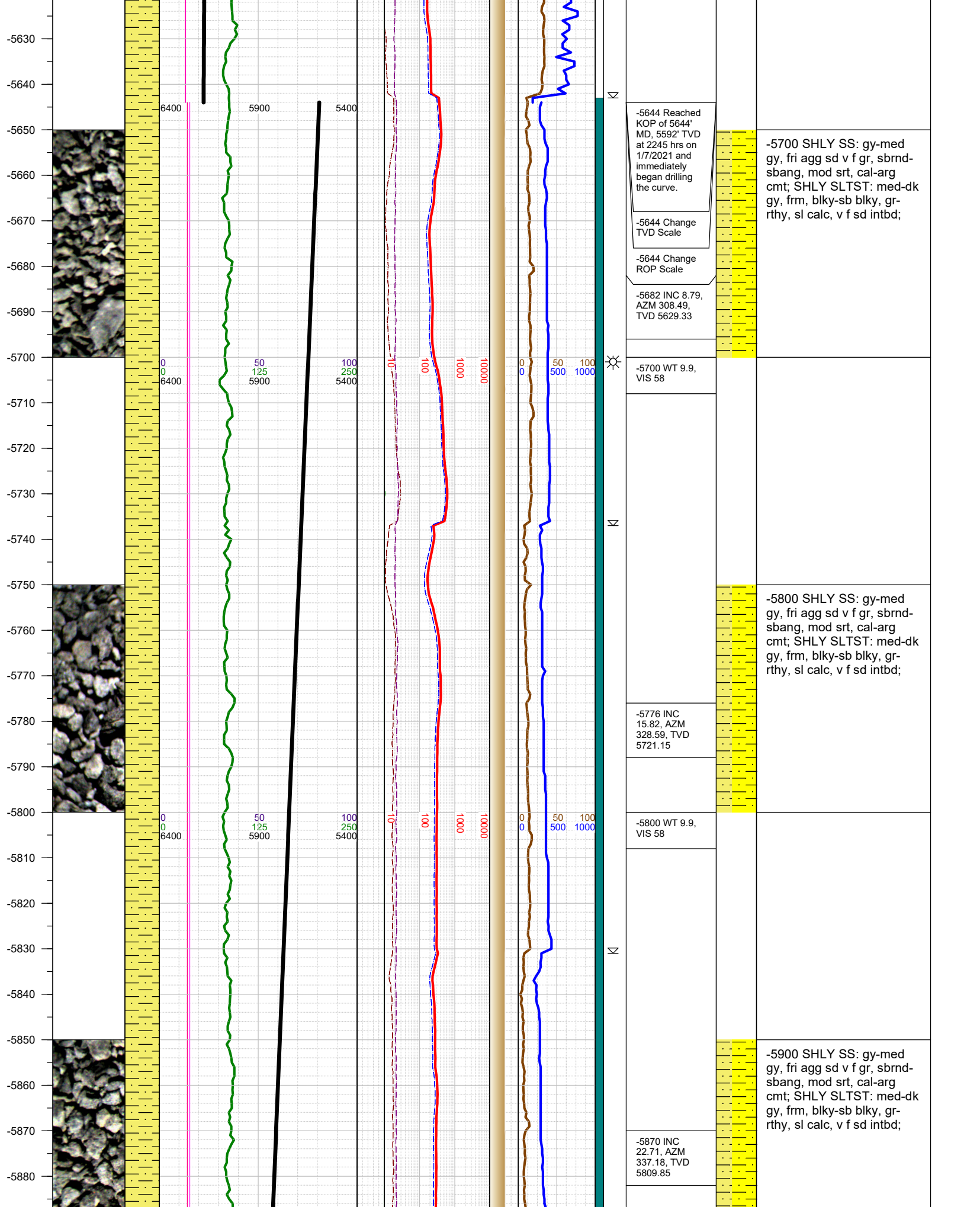
LEGEND

	CHALK		SHALE
	LIMESTONE		SILTY SHALE
	SHALY LIMESTONE		SHALY SILTSTONE
	MARLSTONE		SHALY SANDSTONE
	CALCAREOUS SHALE		SANDSTONE
	DOLOMITE		ANHYDRITE

◀ FORMATION ≈ CONNECTION ▲ MIDNIGHT 🏠 NEW BIT ☀ GAS SHOW 🗒 FAULT

MEASURED DEPTH (FT)	PHOTOS	MUDLOGGER INTERP	GEOSTEERING INTERP		F < OIL SHOWS	GAS	MUD VOL. 800 bbl	ROF ft/hr 1600	WOB klbs 100	SLIDES SYMBOLS	COMMENTS	CUTTINGS %	SAMPLE DESCRIPTION
			Target Top / Base										
			7200	TVD ft 0		— Total							
			0	GAMMA api 250		- - - C1							
			0	RESISTIVITY ohm-m 100		- - - C2							
						- - - C3							
						- - - C4							





-5644 Reached KOP of 5644' MD, 5592' TVD at 2245 hrs on 1/7/2021 and immediately began drilling the curve.

-5644 Change TVD Scale

-5644 Change ROP Scale

-5682 INC 8.79, AZM 308.49, TVD 5629.33

-5700 WT 9.9, VIS 58

-5776 INC 15.82, AZM 328.59, TVD 5721.15

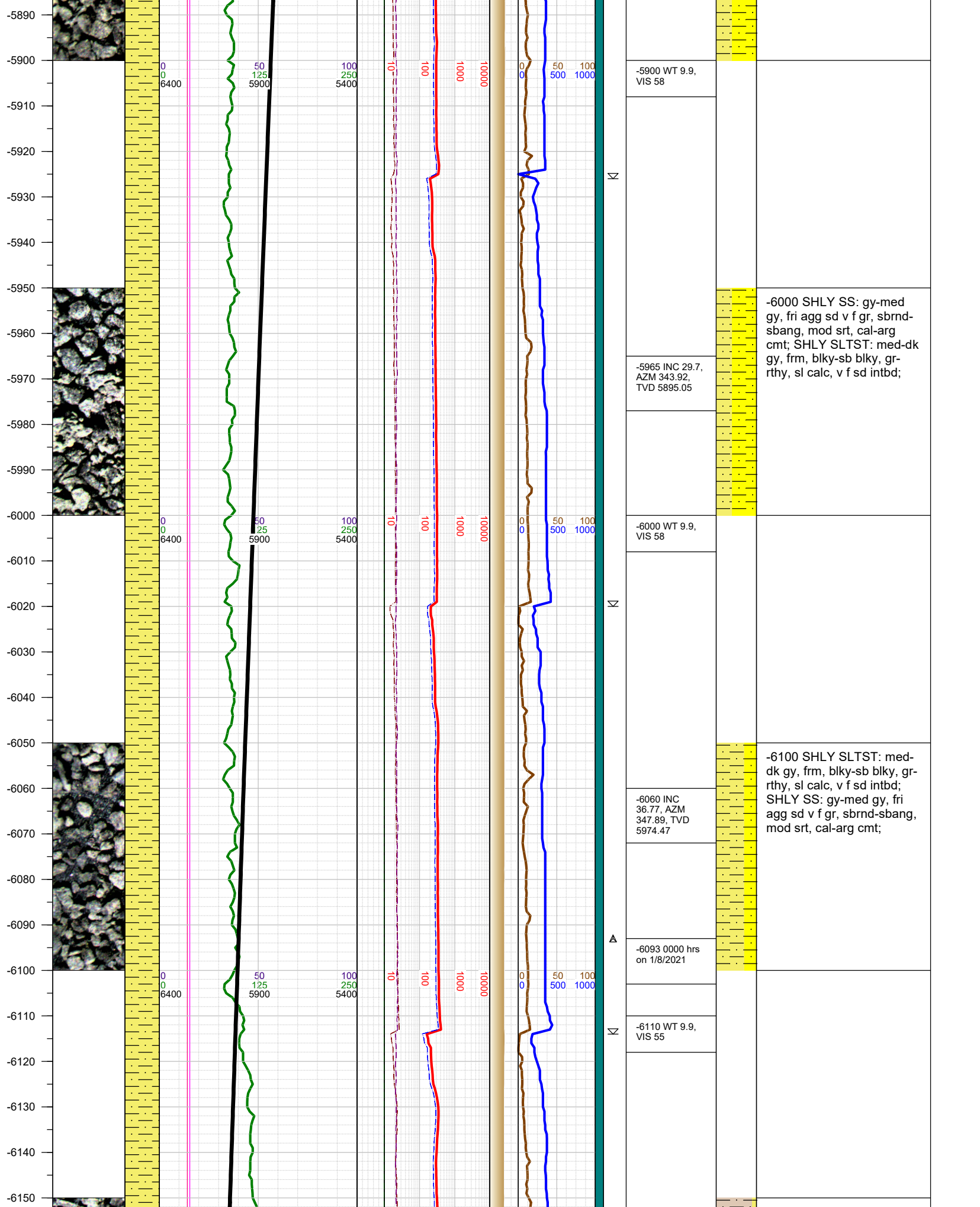
-5800 WT 9.9, VIS 58

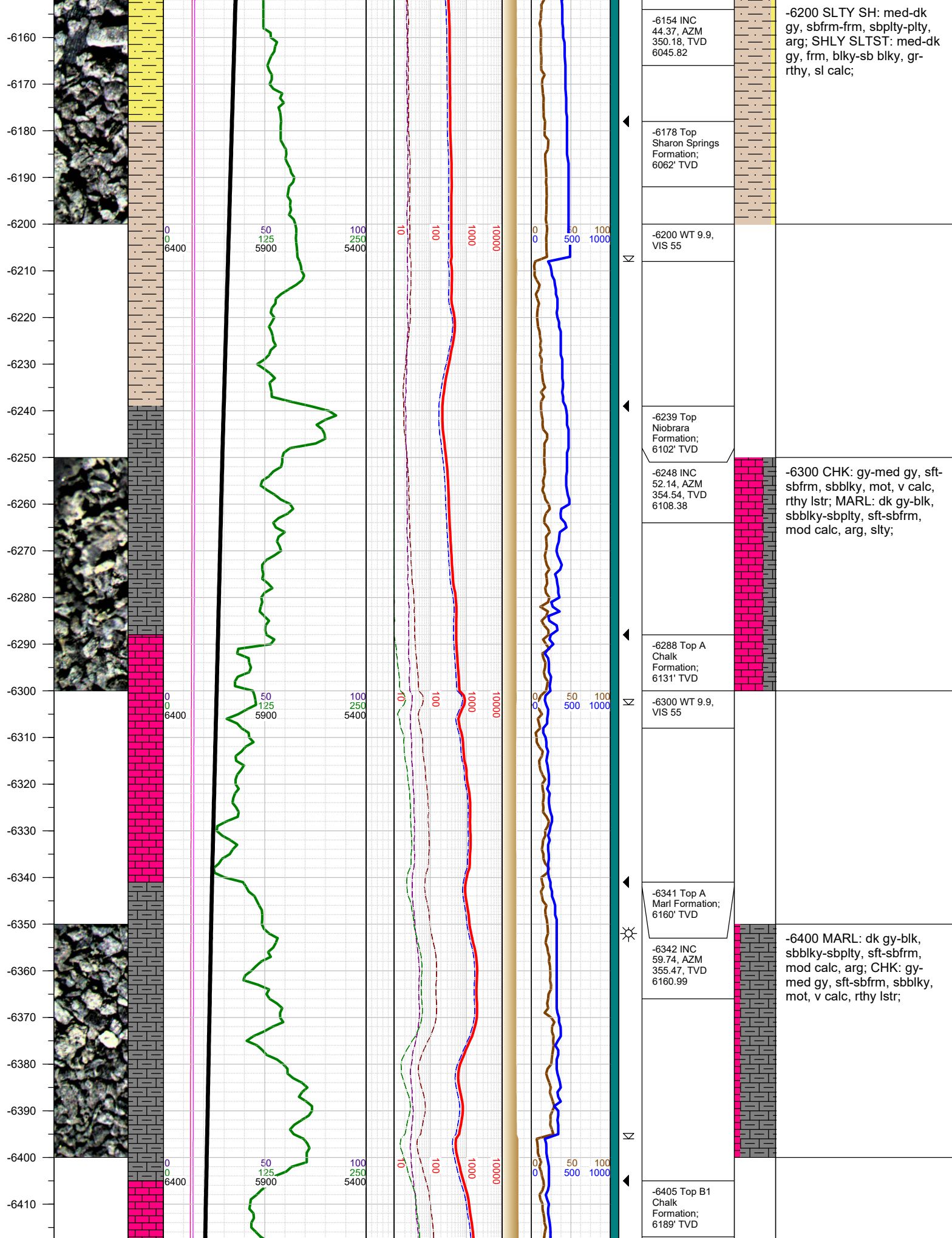
-5870 INC 22.71, AZM 337.18, TVD 5809.85

-5700 SHLY SS: gy-med gy, fri agg sd v f gr, sbrnd-sbang, mod srt, cal-arg cmt; SHLY SLTST: med-dk gy, frm, blk-y-sb blk-y, gr-rthy, sl calc, v f sd intbd;

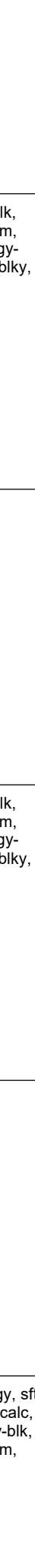
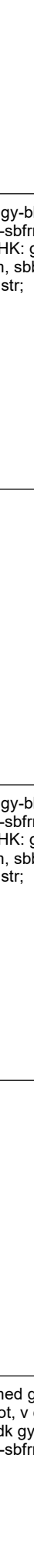
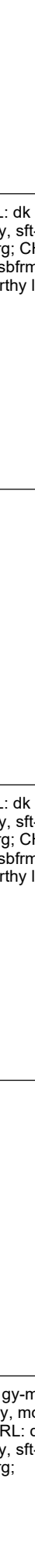
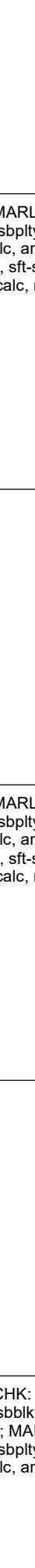
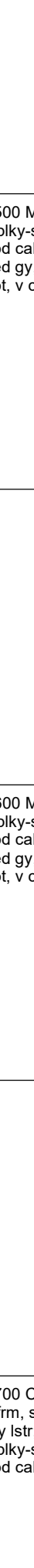
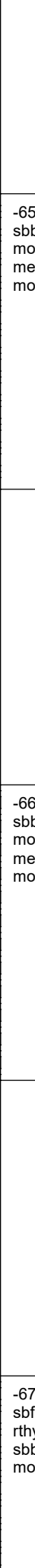
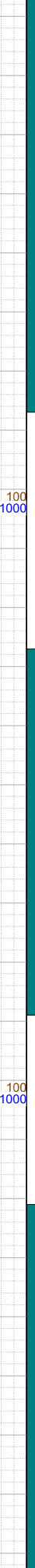
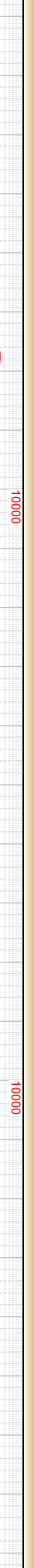
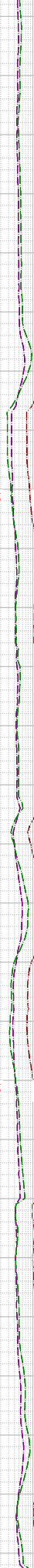
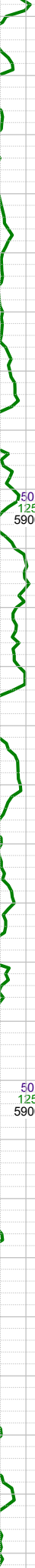
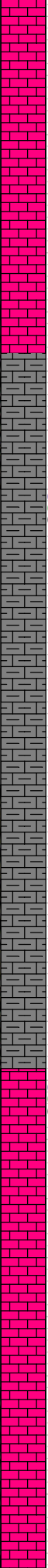
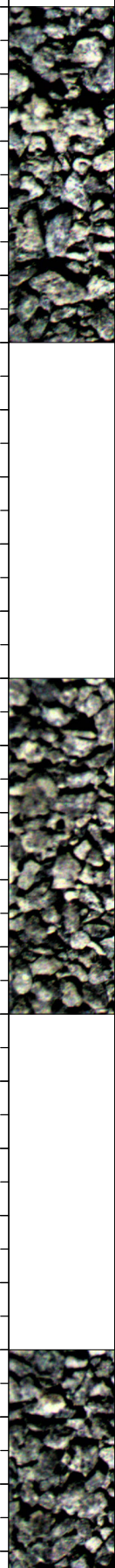
-5800 SHLY SS: gy-med gy, fri agg sd v f gr, sbrnd-sbang, mod srt, cal-arg cmt; SHLY SLTST: med-dk gy, frm, blk-y-sb blk-y, gr-rthy, sl calc, v f sd intbd;

-5900 SHLY SS: gy-med gy, fri agg sd v f gr, sbrnd-sbang, mod srt, cal-arg cmt; SHLY SLTST: med-dk gy, frm, blk-y-sb blk-y, gr-rthy, sl calc, v f sd intbd;





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-6680



-6420 WT 9.9, VIS 55

-6437 INC 68.36, AZM 358.38, TVD 6202.53

-6500 MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, mod calc, arg; CHK: gy-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr;

-6477 Top B1 Marl Formation; 6215' TVD

-6500 WT 9.9, VIS 52

-6531 INC 74.28, AZM 359.79, TVD 6232.62

-6600 MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, mod calc, arg; CHK: gy-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr;

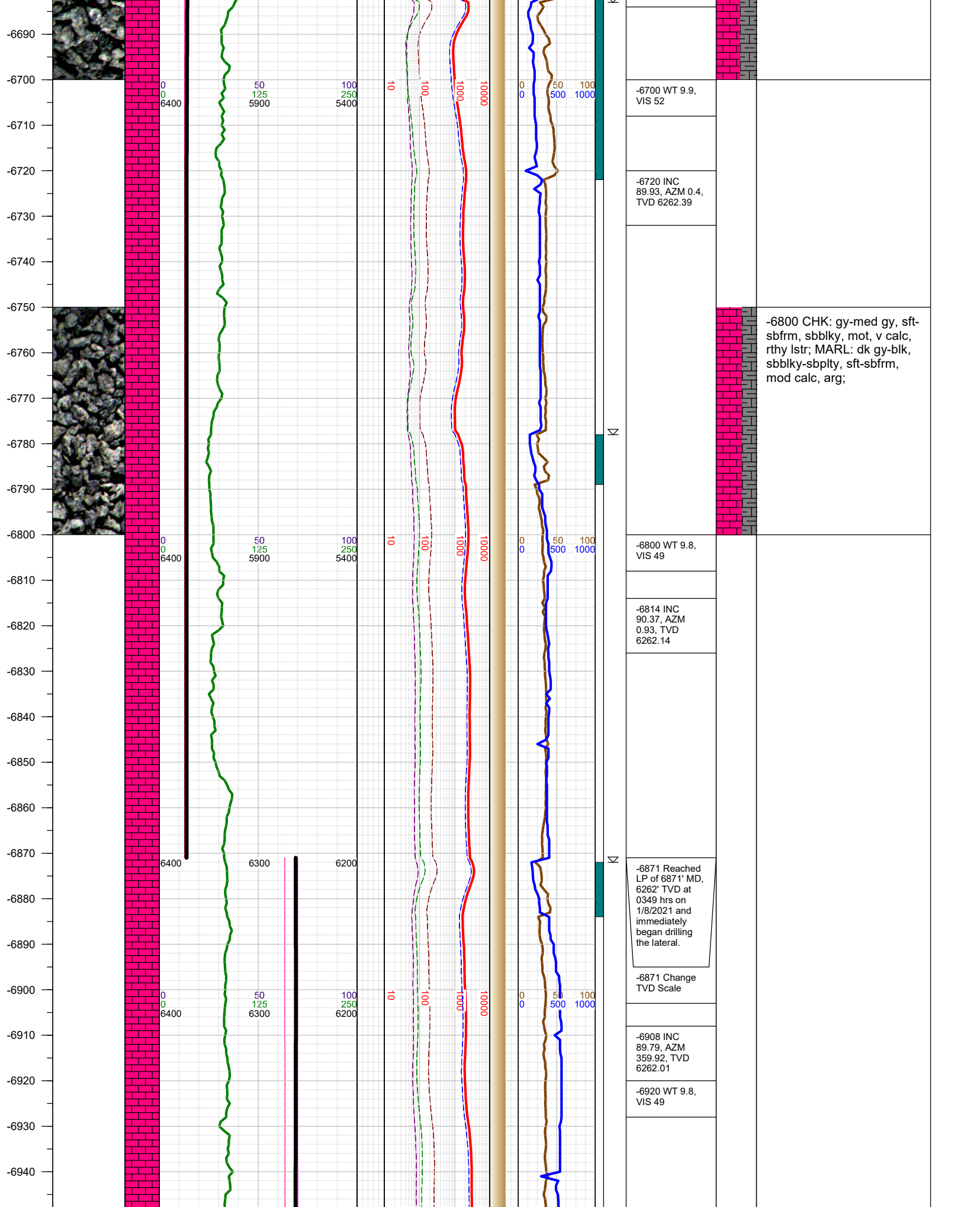
-6598 Top B2 Chalk Formation; 6248' TVD

-6610 WT 9.9, VIS 52

-6626 INC 79.76, AZM 358.46, TVD 6253.95

-6700 CHK: gy-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, mod calc, arg;

-6672 Top B2 Chalk Target Top; 6258' TVD

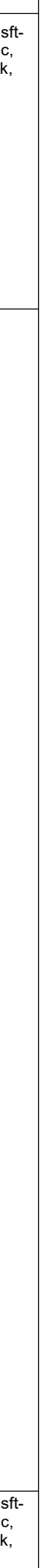
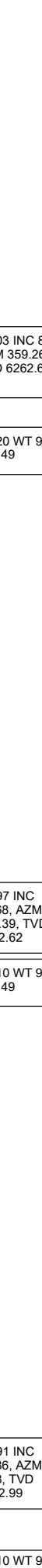
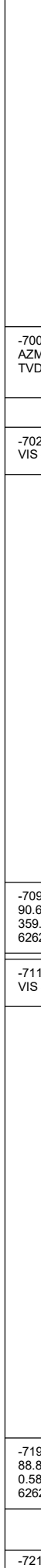
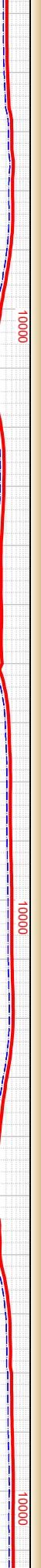
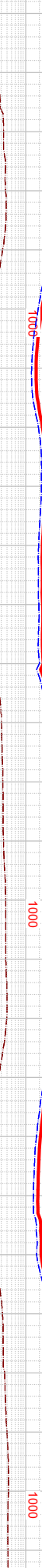
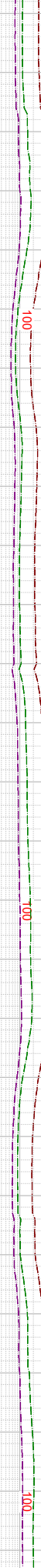
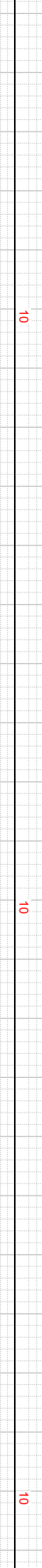
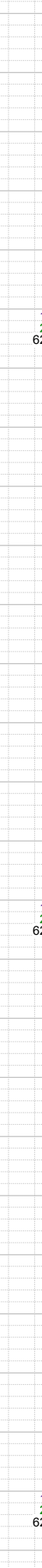
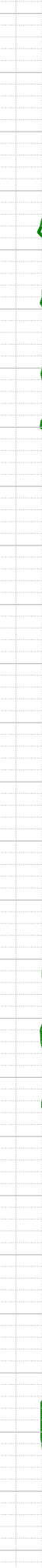
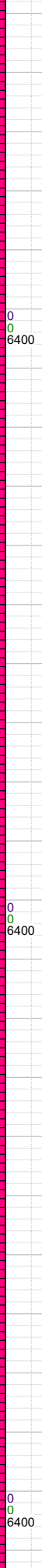
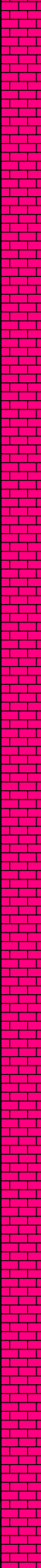
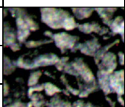
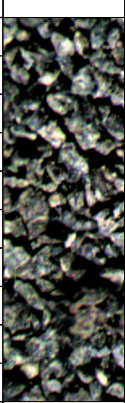


-6800 CHK: gy-med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbblky-sbply, sft-sbfrm, mod calc, arg;

-6871 Reached LP of 6871' MD, 6262' TVD at 0349 hrs on 1/8/2021 and immediately began drilling the lateral.

-6871 Change TVD Scale

-6950
-6960
-6970
-6980
-6990
-7000
-7010
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-7060
-7070
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-7100
-7110
-7120
-7130
-7140
-7150
-7160
-7170
-7180
-7190
-7200
-7210



-7000 CHK: gy-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, mod calc, arg;

-7003 INC 89.4, AZM 359.26, TVD 6262.68

-7020 WT 9.8, VIS 49

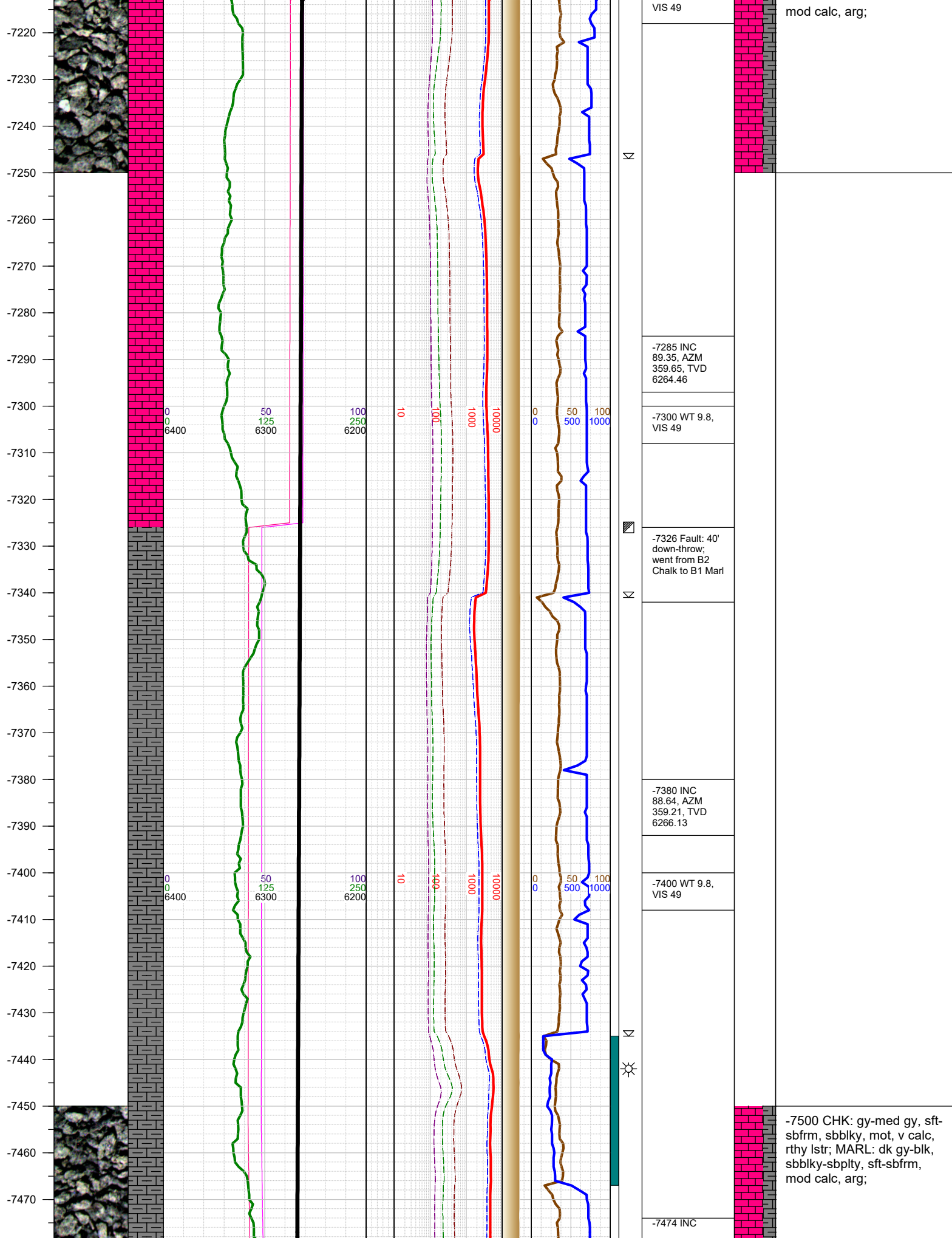
-7097 INC 90.68, AZM 359.39, TVD 6262.62

-7110 WT 9.8, VIS 49

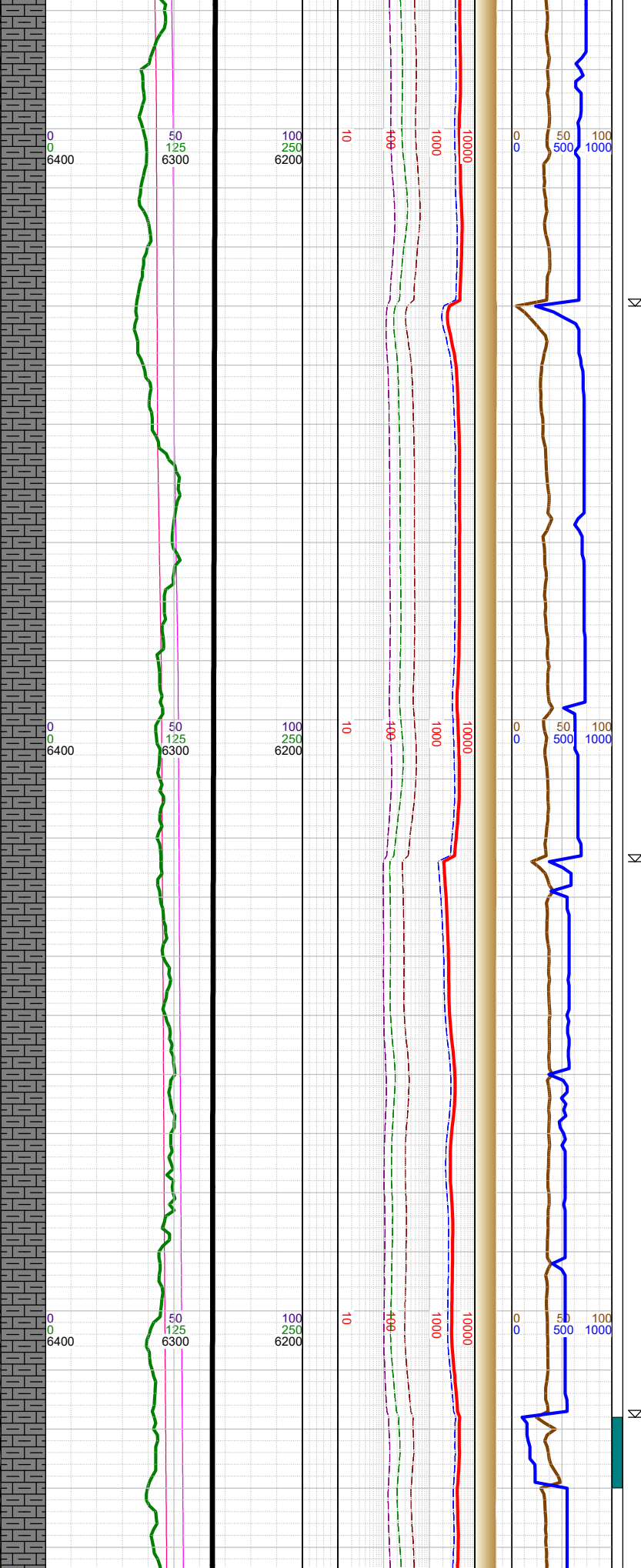
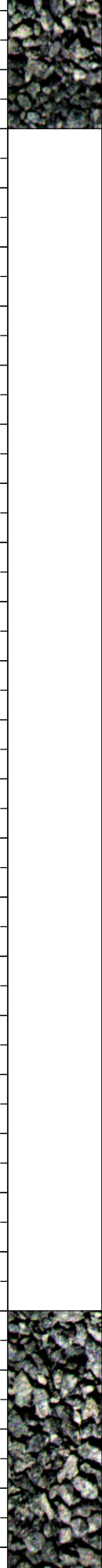
-7191 INC 88.86, AZM 0.58, TVD 6262.99

-7250 CHK: gy-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm,

-7210 WT 9.8,



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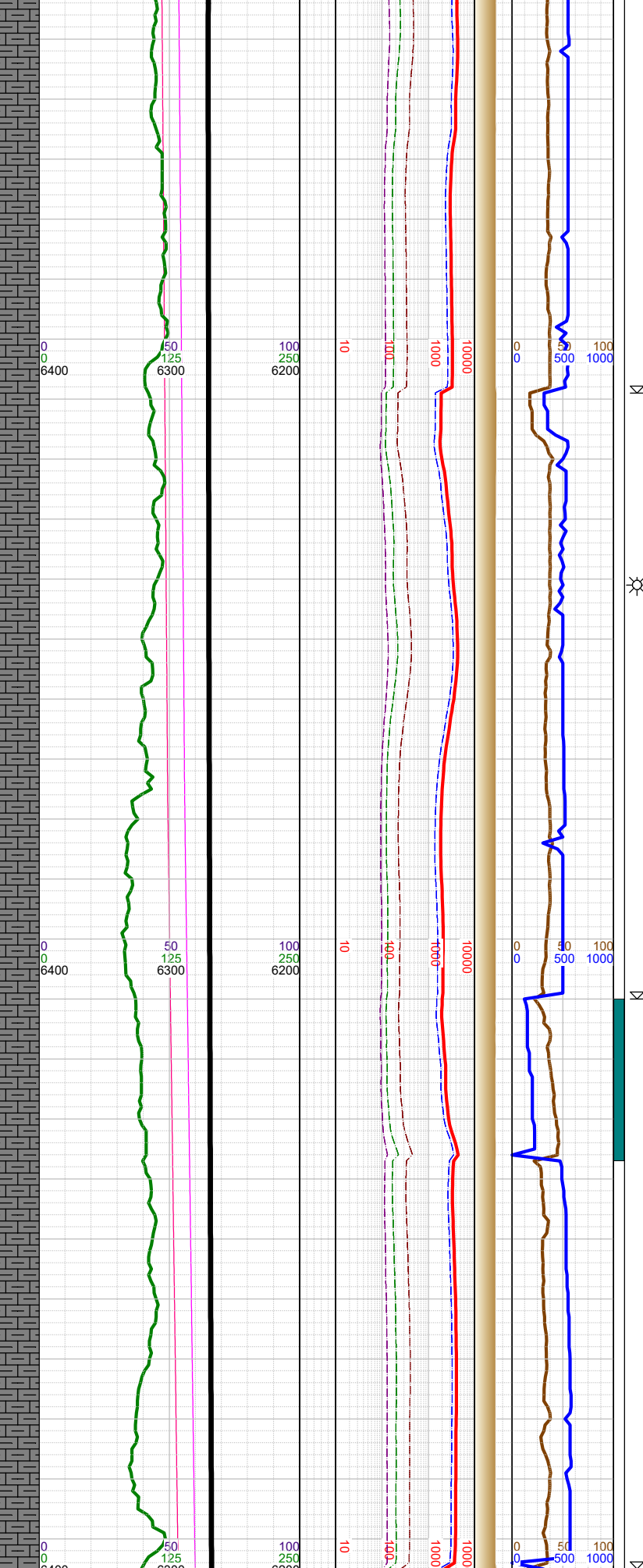
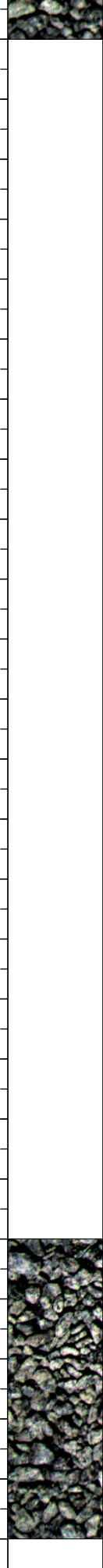
0 50 100 10 400 1000 10000 0 50 100
0 6400 125 6300 250 6200 0 500 1000

89.22, AZM 1.9, TVD 6267.88
-7500 WT 9.8, VIS 49
-7568 INC 89.57, AZM 2.08, TVD 6268.88
-7600 WT 9.8, VIS 49
-7663 INC 89.22, AZM 0.62, TVD 6269.88
-7700 WT 9.8, VIS 49



-7750 MARL: dk gy-blk, sbbly-sbply, sft-sbfrm, mod calc, arg; CHK: gy-med gy, sft-sbfrm, sbbly, mot, v calc, rthy lstr;

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-7990
-8000



-7757 INC
90.23, AZM
0.23, TVD
6270.33

-7800 WT 9.8,
VIS 49

-7851 INC 90.5,
AZM 359.17,
TVD 6269.73

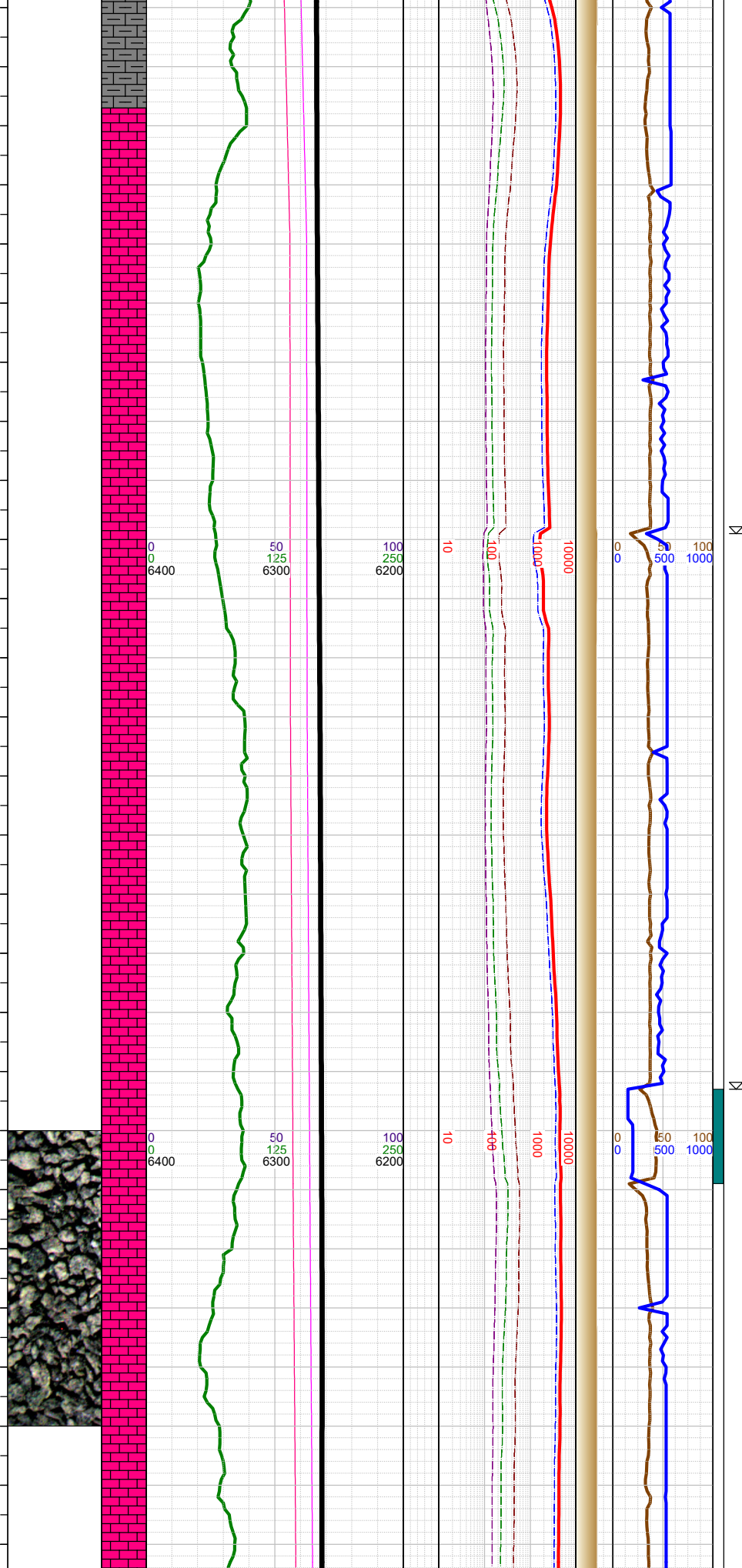
-7900 WT 9.8,
VIS 49

-7945 INC
90.85, AZM
2.47, TVD
6268.62

-8000 WT 9.8,
VIS 49

-8000 MARL: dk gy-blk,
sbbkly-sbpity, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbkly,
mot, v calc, rthy lstr;

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-8200
-8210
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-8230
-8240
-8250
-8260
-8270



-8040 INC
90.85, AZM
2.78, TVD
6267.22

-8100 WT 9.9,
VIS 55

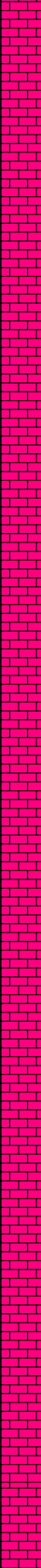
-8134 INC 92,
AZM 3.36, TVD
6264.88

-8200 WT 9.9,
VIS 55

-8228 INC
89.93, AZM
2.96, TVD
6263.29

-8250 CHK: gy-med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, arg;

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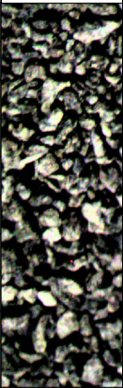
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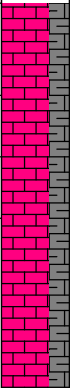
-8605 INC
90.01, AZM
1.42, TVD
6265.46

-8620 WT 9.9,
VIS 55

-8700 INC
90.81, AZM
0.36, TVD
6264.78

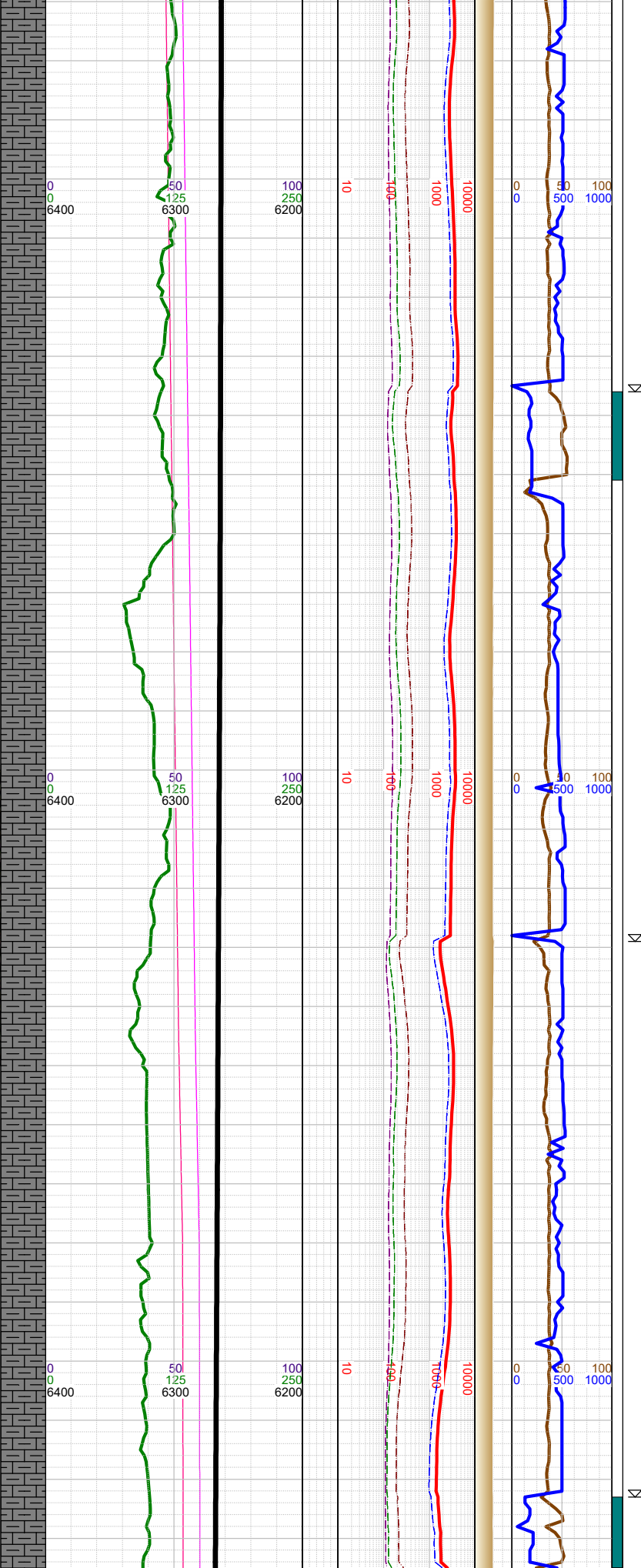
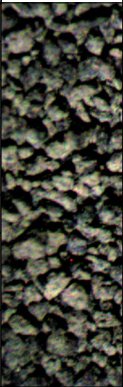
-8720 WT 9.9,
VIS 55

-8790 Fault: 42'
down-throw;
went from B2
Chalk to B1
Chalk



-8750 CHK: gy-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, mod calc, arg;

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-9250
-9260
-9270
-9280
-9290
-9300
-9310
-9320
-9330



-9077 INC
89.88, AZM
359.7, TVD
6263.28

-9100 WT 9.9,
VIS 55

-9171 INC
88.95, AZM 1.2,
TVD 6264.24

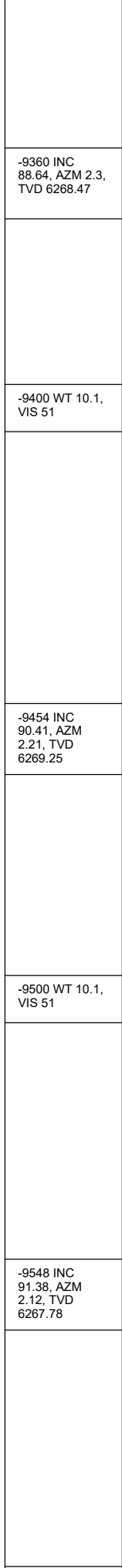
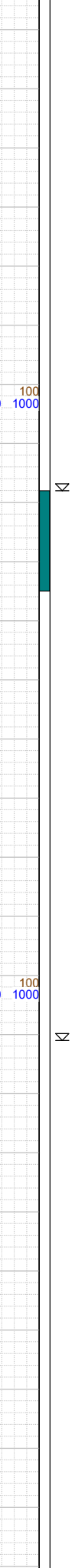
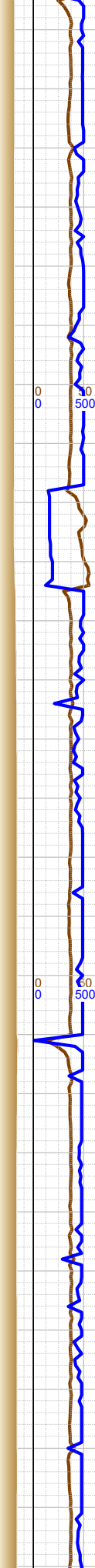
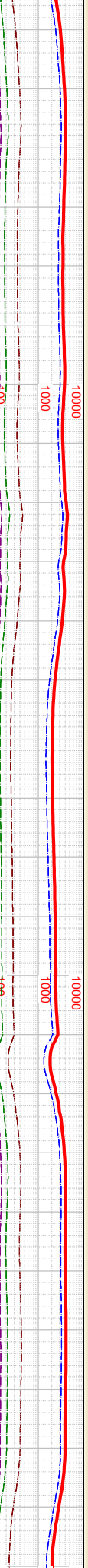
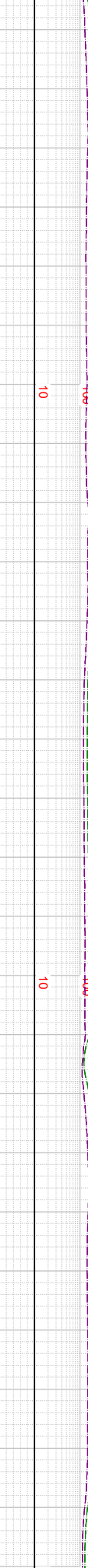
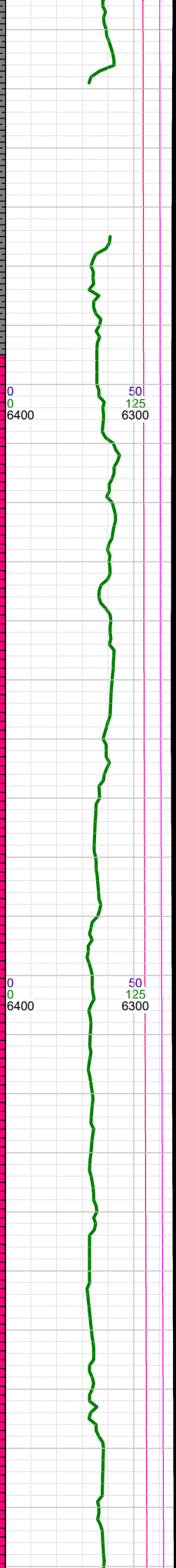
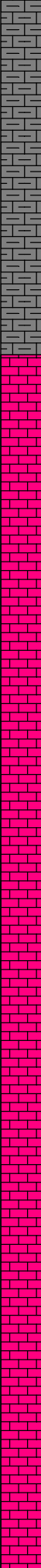
-9200 WT 9.9,
VIS 55

-9265 INC
88.64, AZM
1.02, TVD
6266.22

-9300 WT 9.9,
VIS 55

-9250 MARL: dk gy-blk,
sbbly-sbplty, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbly,
mot, v calc, rthy lstr, tr pyr;

-9340
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-9580
-9590
-9600



-9360 INC
88.64, AZM 2.3,
TVD 6268.47

-9400 WT 10.1,
VIS 51

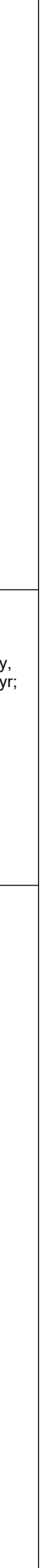
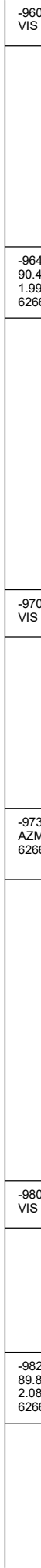
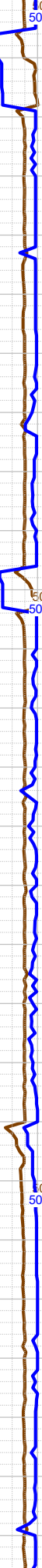
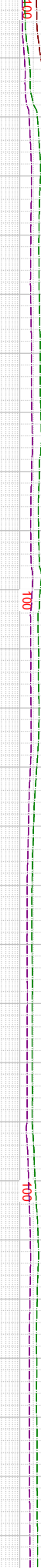
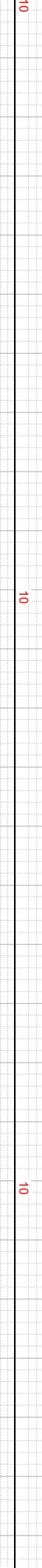
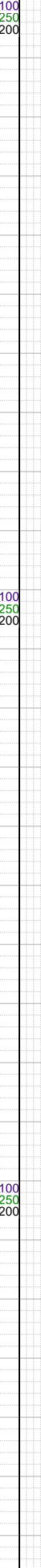
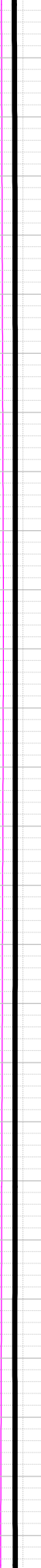
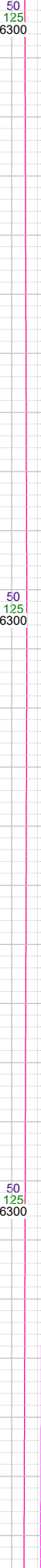
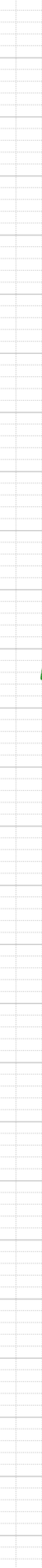
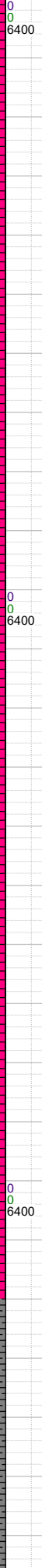
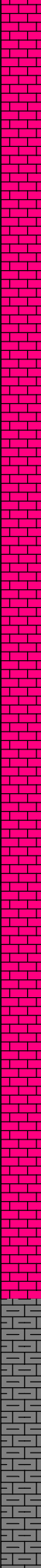
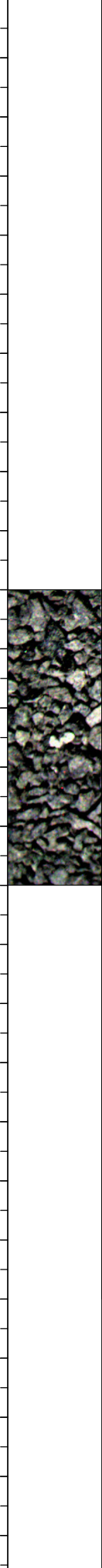
-9454 INC
90.41, AZM
2.21, TVD
6269.25

-9500 WT 10.1,
VIS 51

-9548 INC
91.38, AZM
2.12, TVD
6267.78

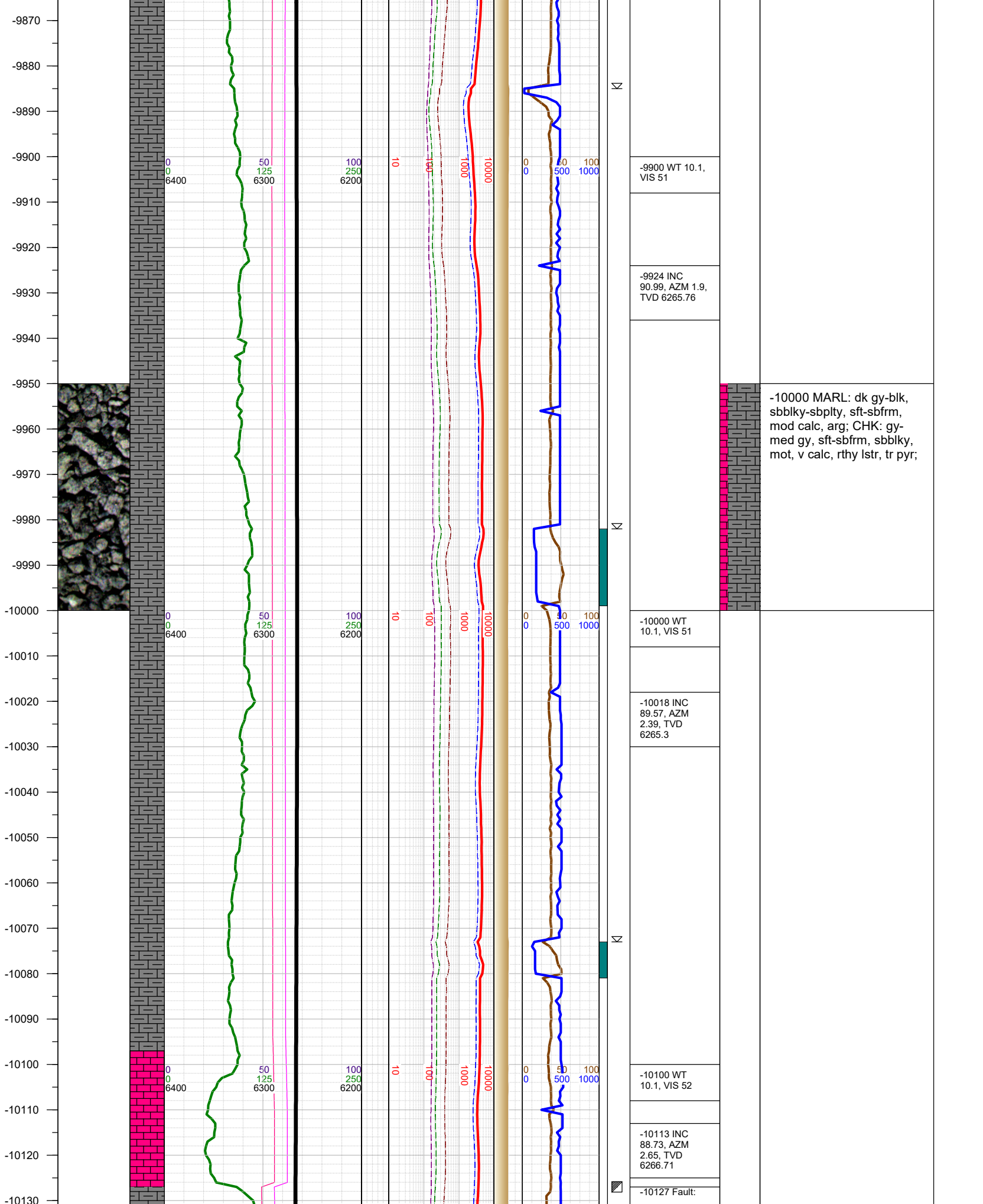
-9500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbly,
mot, v calc, rthy lstr, tr pyr;

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-9600 WT 10.1, VIS 51
-9642 INC 90.46, AZM 1.99, TVD 6266.27
-9700 WT 10.1, VIS 51
-9737 INC 89.7, AZM 2.03, TVD 6266.14
-9800 WT 10.1, VIS 51
-9829 INC 89.88, AZM 2.08, TVD 6266.48

-9750 MARL: dk gy-blk, sbbiky-sbplty, sft-sbfrm, mod calc, arg; CHK: gy-med gy, sft-sbfrm, sbbiky, mot, v calc, rthy lstr, tr pyr;



-10000 MARL: dk gy-blk, sbbkly-sbply, sft-sbfrm, mod calc, arg; CHK: gy-med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr, tr pyr;

-9900 WT 10.1, VIS 51

-9924 INC 90.99, AZM 1.9, TVD 6265.76

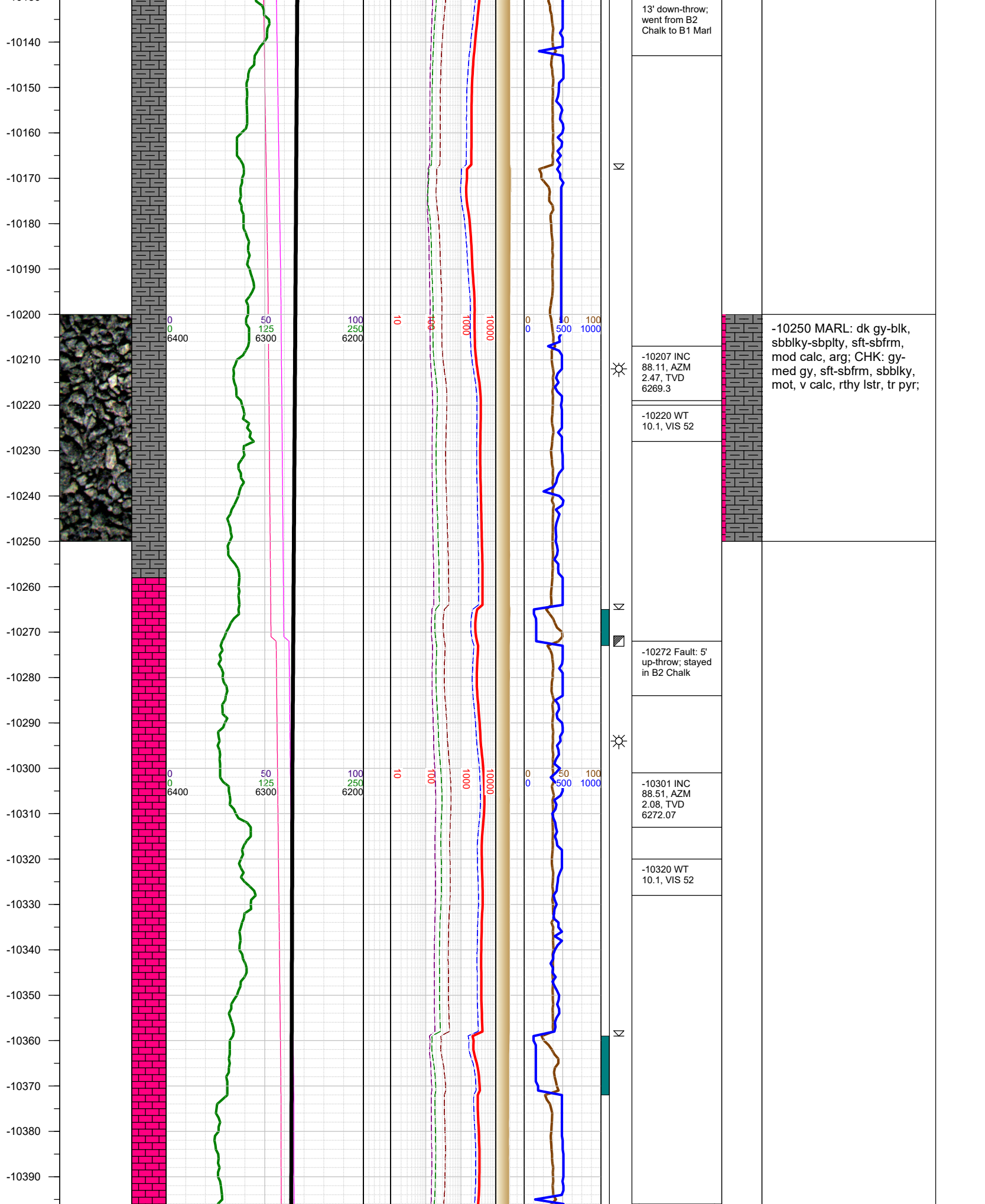
-10000 WT 10.1, VIS 51

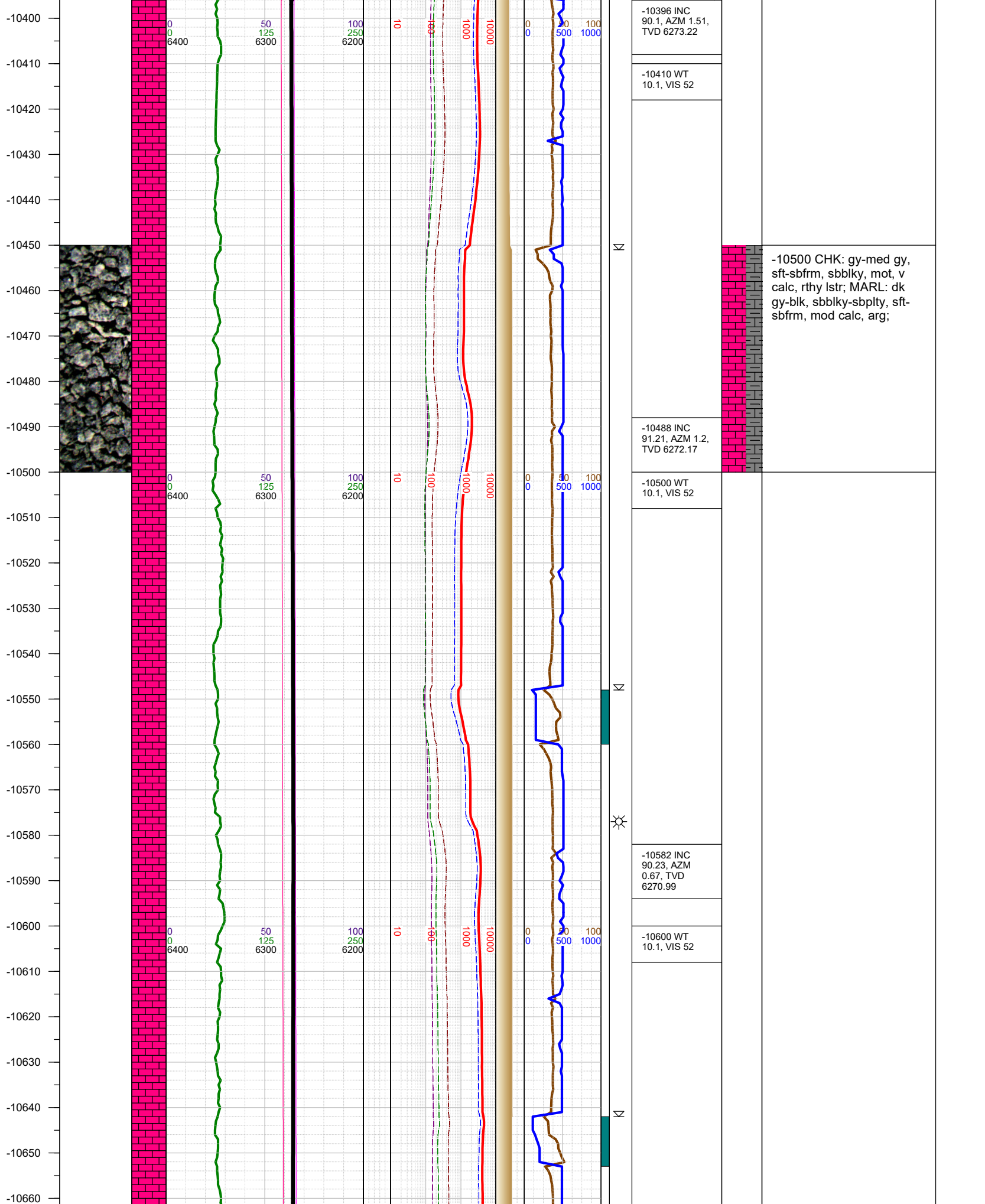
-10018 INC 89.57, AZM 2.39, TVD 6265.3

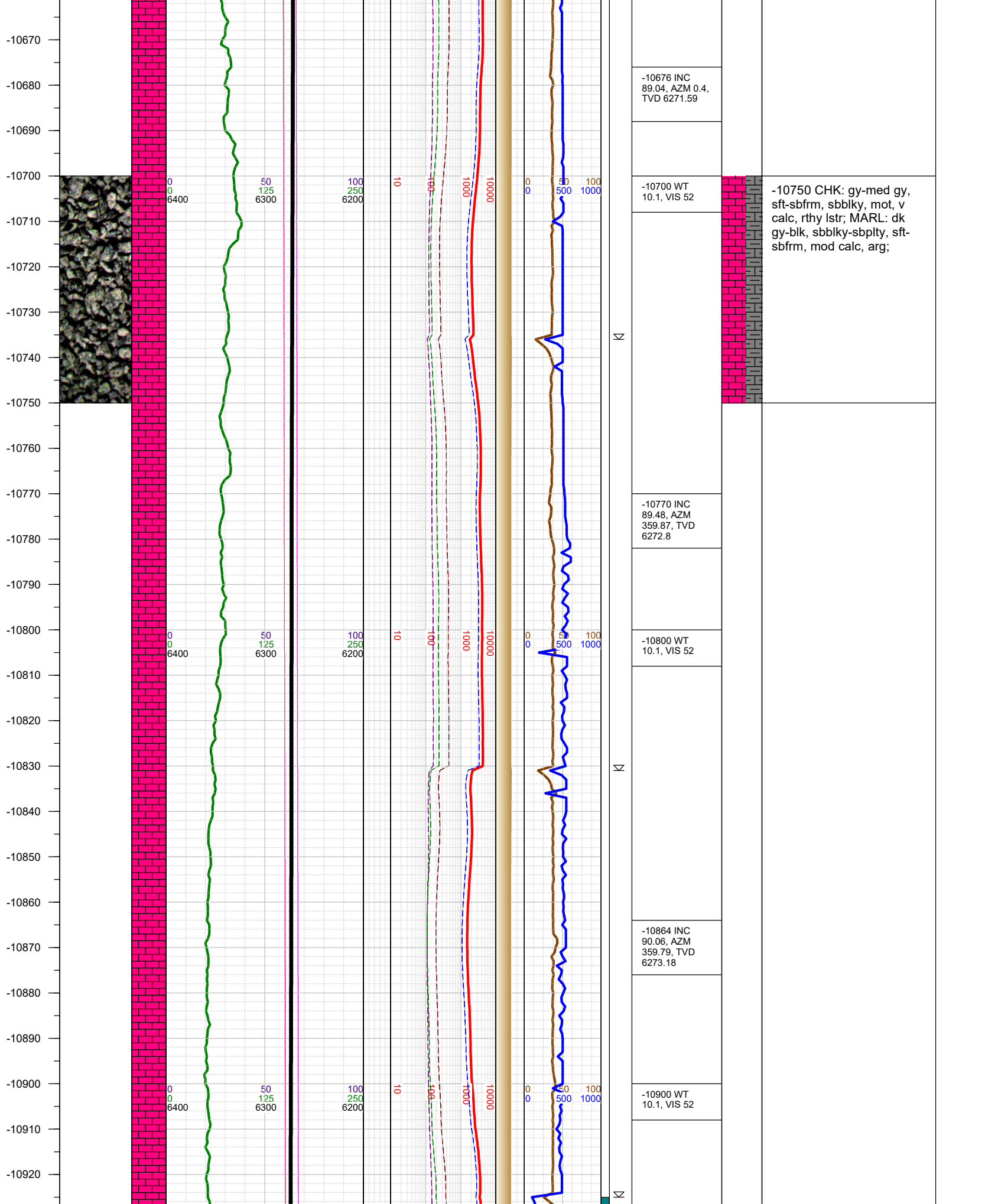
-10100 WT 10.1, VIS 52

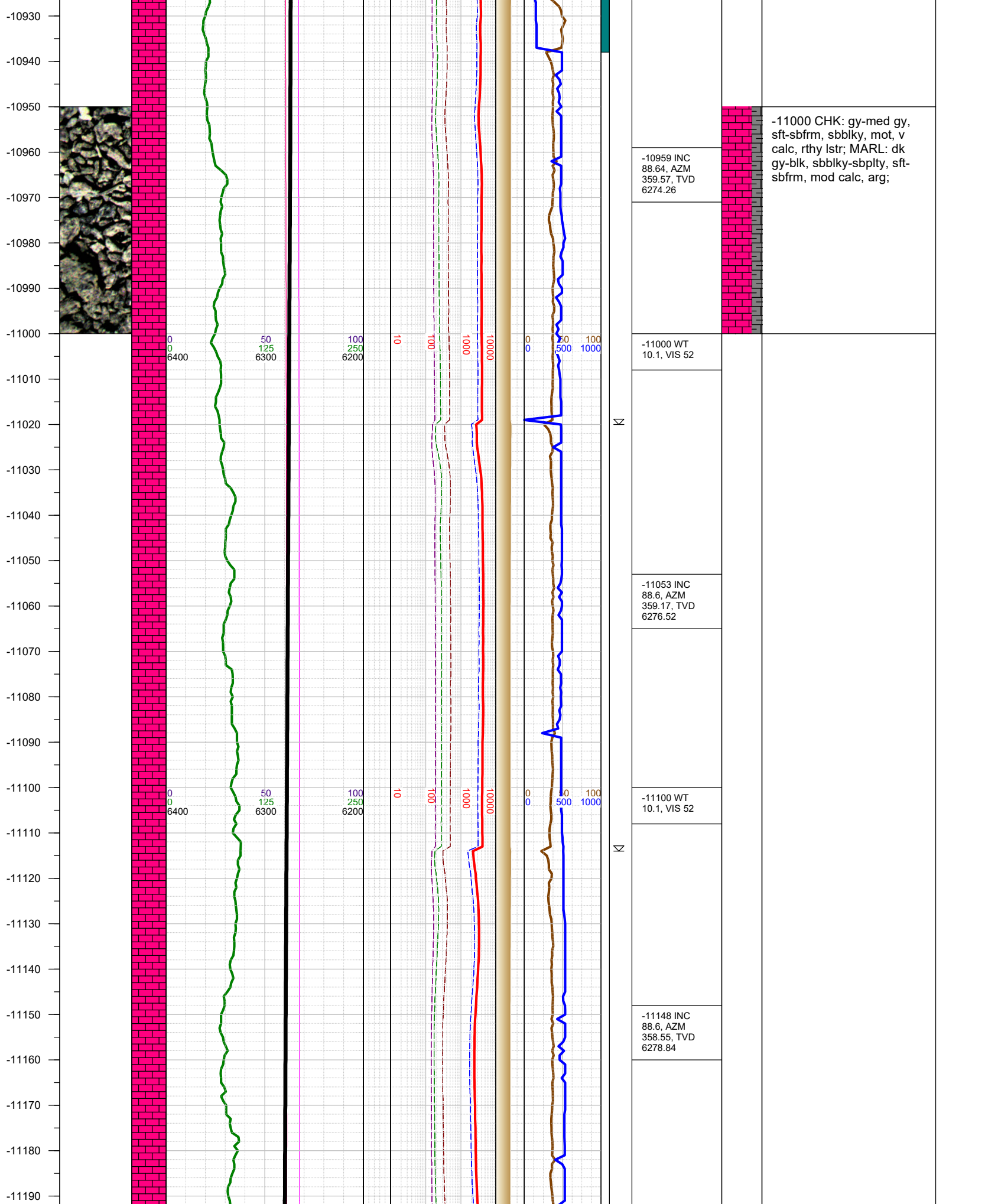
-10113 INC 88.73, AZM 2.65, TVD 6266.71

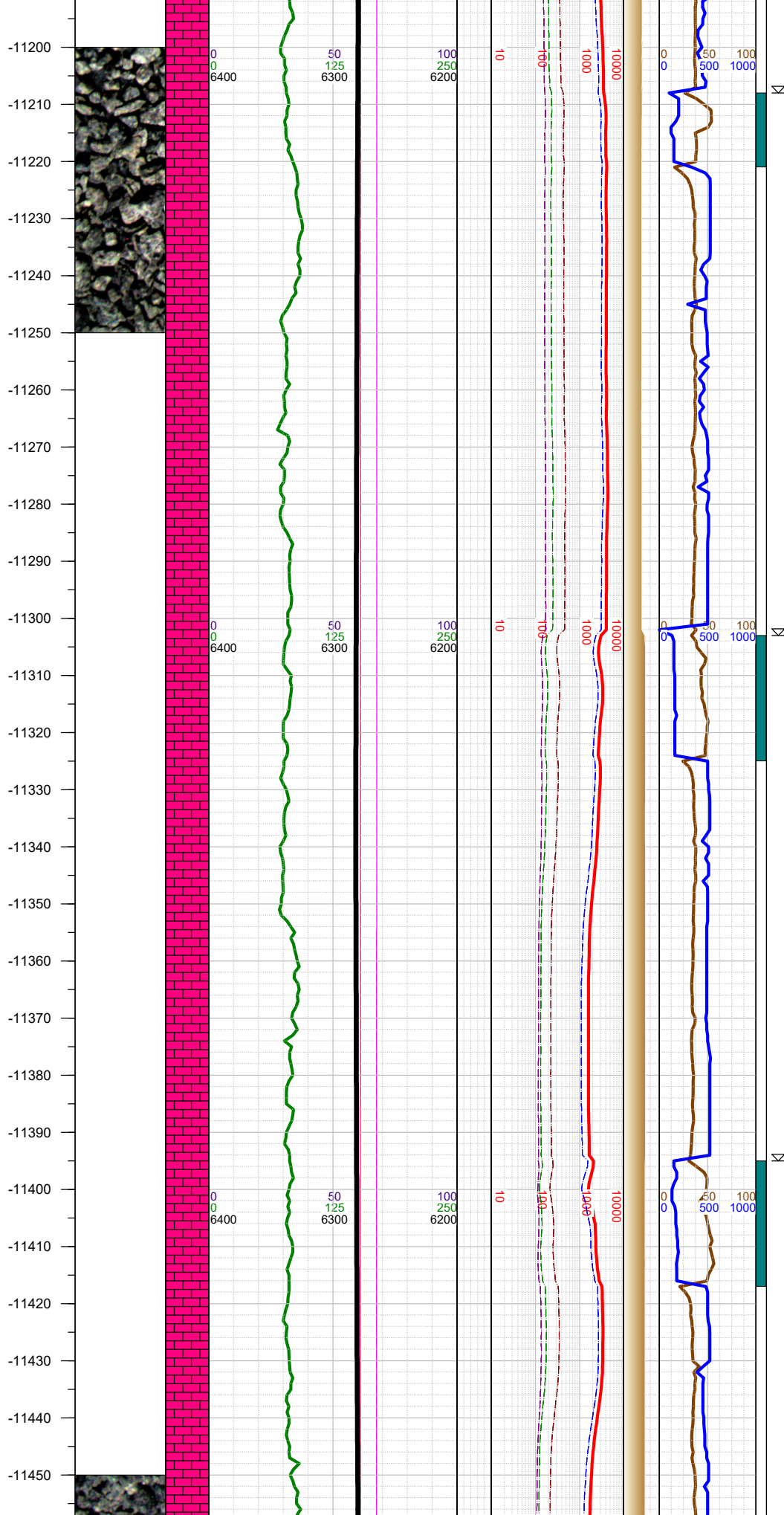
-10127 Fault:







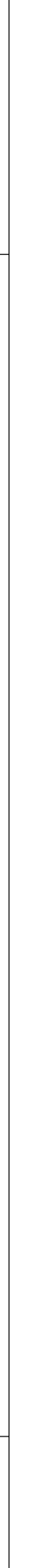
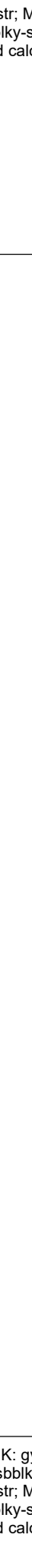
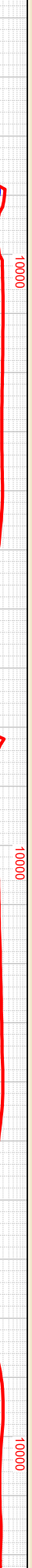
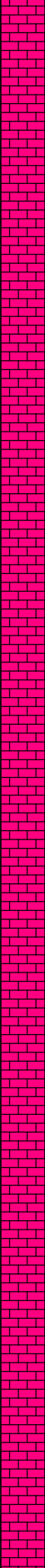
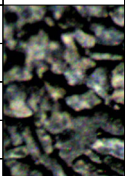
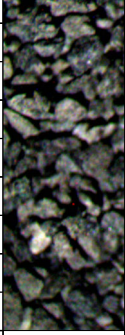




-11250 CHK: gy-med gy, sft-sbfrm, sbbiky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbiky-sbply, sft-sbfrm, mod calc, arg;

-11500 CHK: gy-med gy, sft-sbfrm, sbbiky, mot, v

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-11500 WT
10.2, VIS 54

-11525 INC
91.3, AZM 1.9,
TVD 6278.04

-11600 WT
10.2, VIS 54

-11619 INC
90.28, AZM
2.52, TVD
6276.75

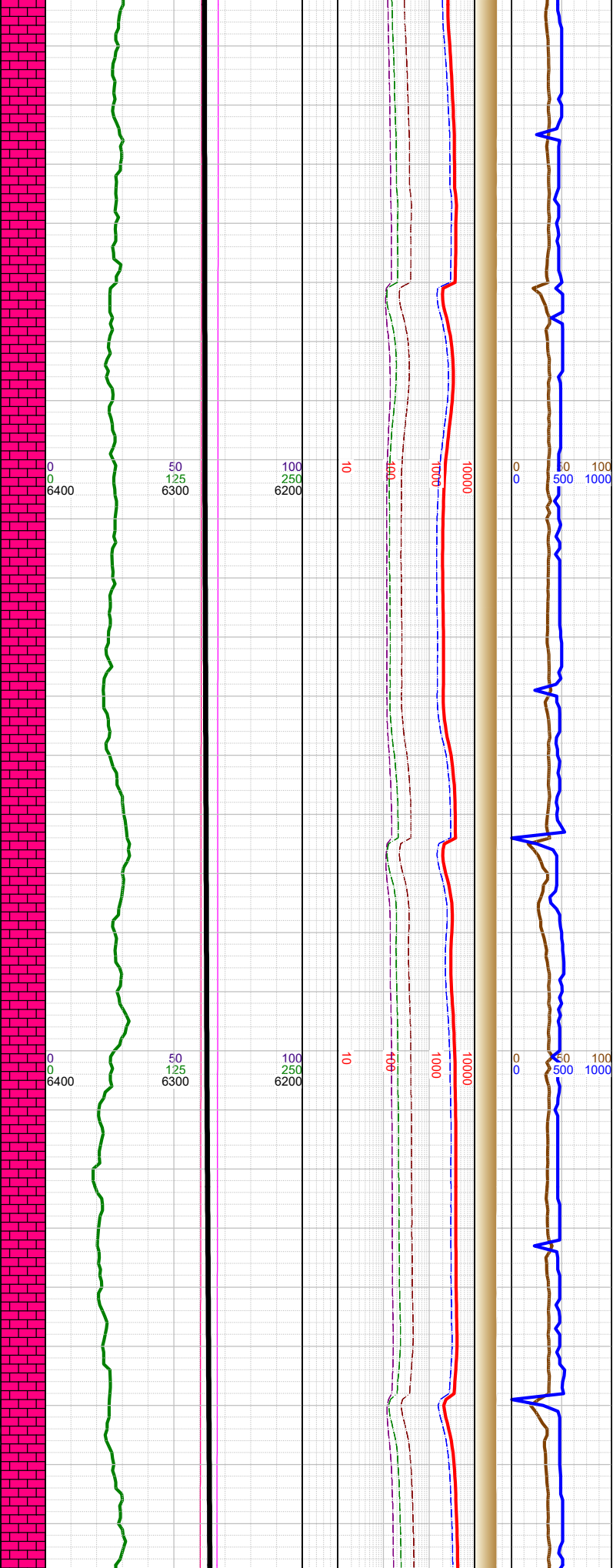
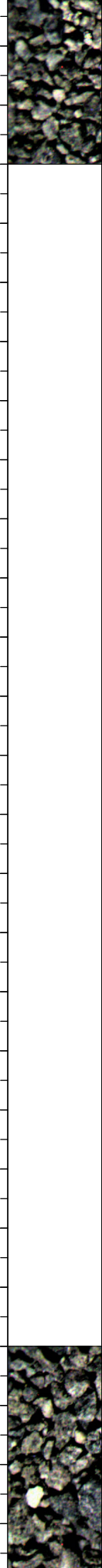
-11700 WT
10.2, VIS 54

-11714 INC
90.1, AZM 2.08,
TVD 6276.43

calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg; tr fos
frags;

-11750 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg; tr fos
frags;

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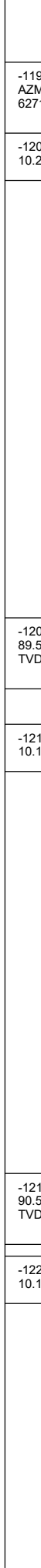
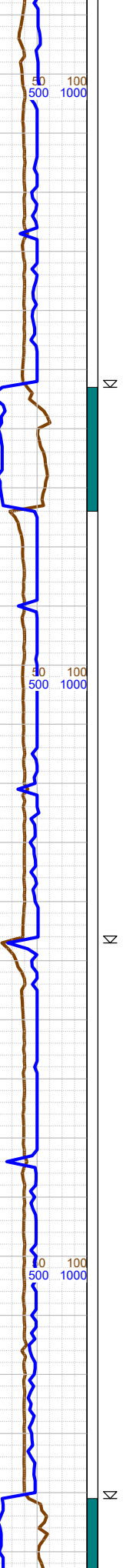
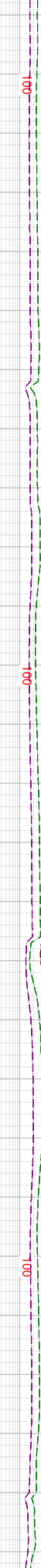
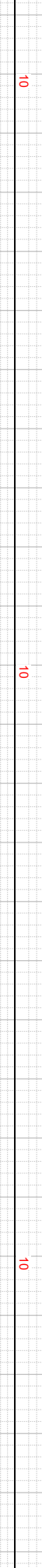
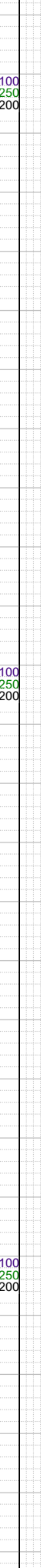
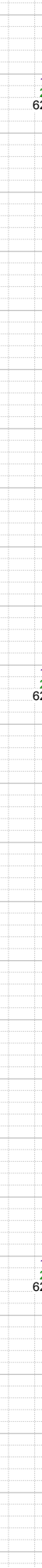
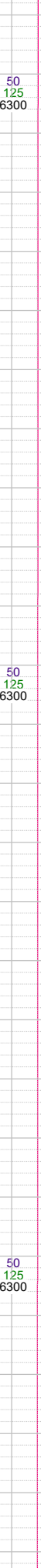
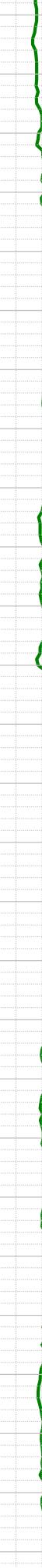
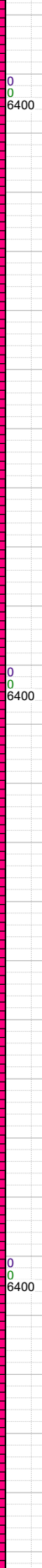
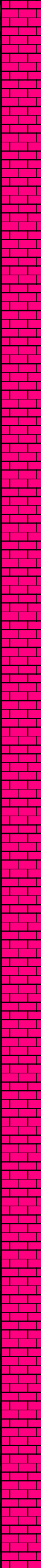
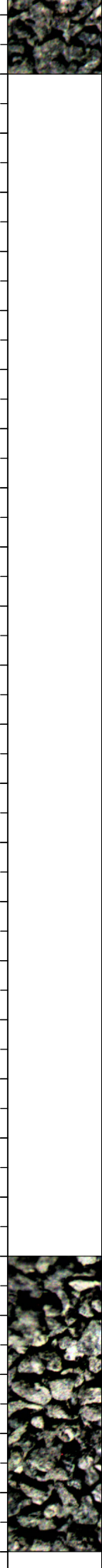
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-11800 WT 10.2, VIS 54
-11809 INC 90.63, AZM 1.68, TVD 6275.83
-11903 INC 91.12, AZM 1.24, TVD 6274.39
-11920 WT 10.2, VIS 54



-12000 CHK: gy-med gy,
sft-sbfrm, sbblky, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbblky-sbplty, sft-
sbfrm, mod calc, arg; tr fos
frags;

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-12100
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-12180
-12190
-12200
-12210
-12220
-12230
-12240
-12250



-11998 INC 92,
AZM 0.84, TVD
6271.81

-12010 WT
10.2, VIS 54

-12092 INC
89.57, AZM 0.8,
TVD 6270.52

-12110 WT
10.1, VIS 51

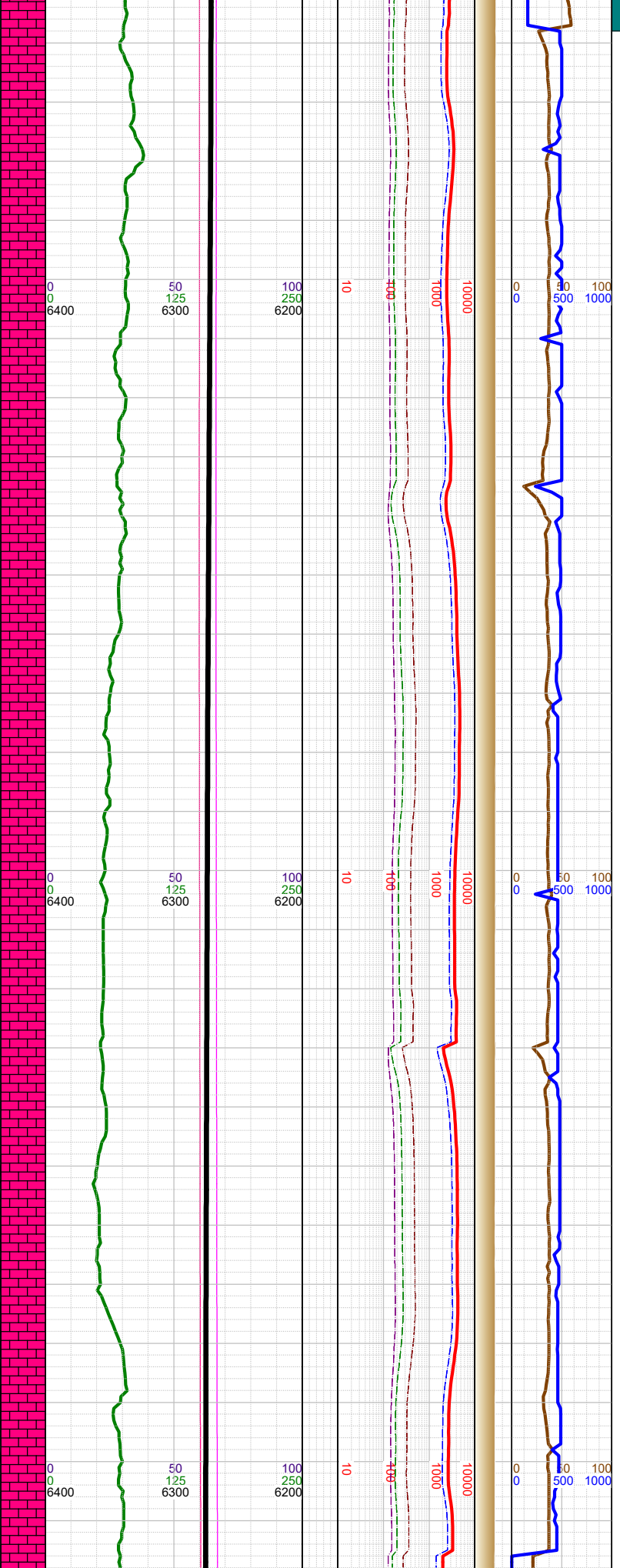
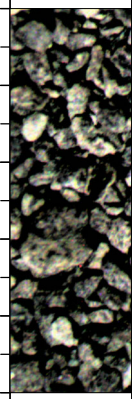
-12186 INC
90.5, AZM 1.15,
TVD 6270.46

-12200 WT
10.1, VIS 51



-12250 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg;

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-12500
-12510



-12280 INC
88.29, AZM 0.1,
TVD 6271.45

-12300 WT
10.1, VIS 51

-12374 INC
88.91, AZM
359.52, TVD
6273.75

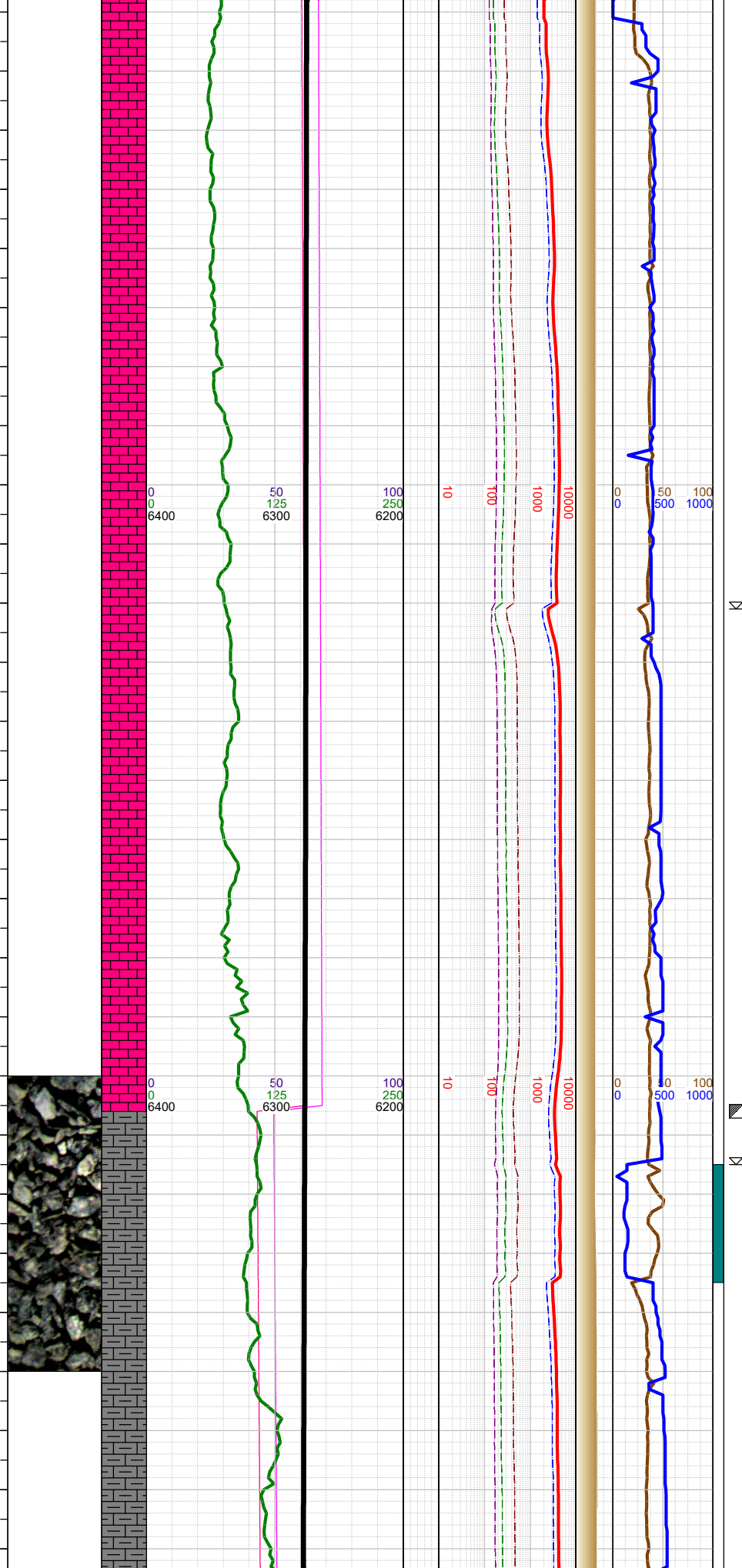
-12400 WT
10.2, VIS 54

-12469 INC
89.53, AZM
359.21, TVD
6275.04

-12500 WT
10.2, VIS 54

-12500 CHK: gy-med gy,
sft-sbfrm, sbbiky, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbiky-sbply, sft-
sbfrm, mod calc, arg; tr fos
frags;

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-12780



-12563 INC
89.7, AZM
358.82, TVD
6275.68

-12600 WT
10.2, VIS 54

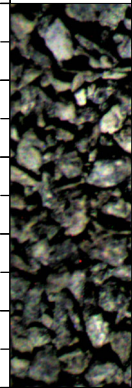
-12658 INC
89.75, AZM
358.02, TVD
6276.13

-12690 WT
10.2, VIS 54

-12706 Fault:
38' down-throw;
went from B2
Chalk to B1 Marl

-12752 INC
88.64, AZM 0.1,
TVD 6277.45

-12750 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbplty, sft-
sbfrm, mod calc, arg; tr fos
frags;



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-13020
-13030
-13040



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6400

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0 50 100
0 500 1000

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6300

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6200

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100

1000

10000

0 50 100
0 500 1000

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-12800 WT
10.2, VIS 54

-12846 INC
89.75, AZM
1.15, TVD
6278.77

-12900 WT
10.2, VIS 54

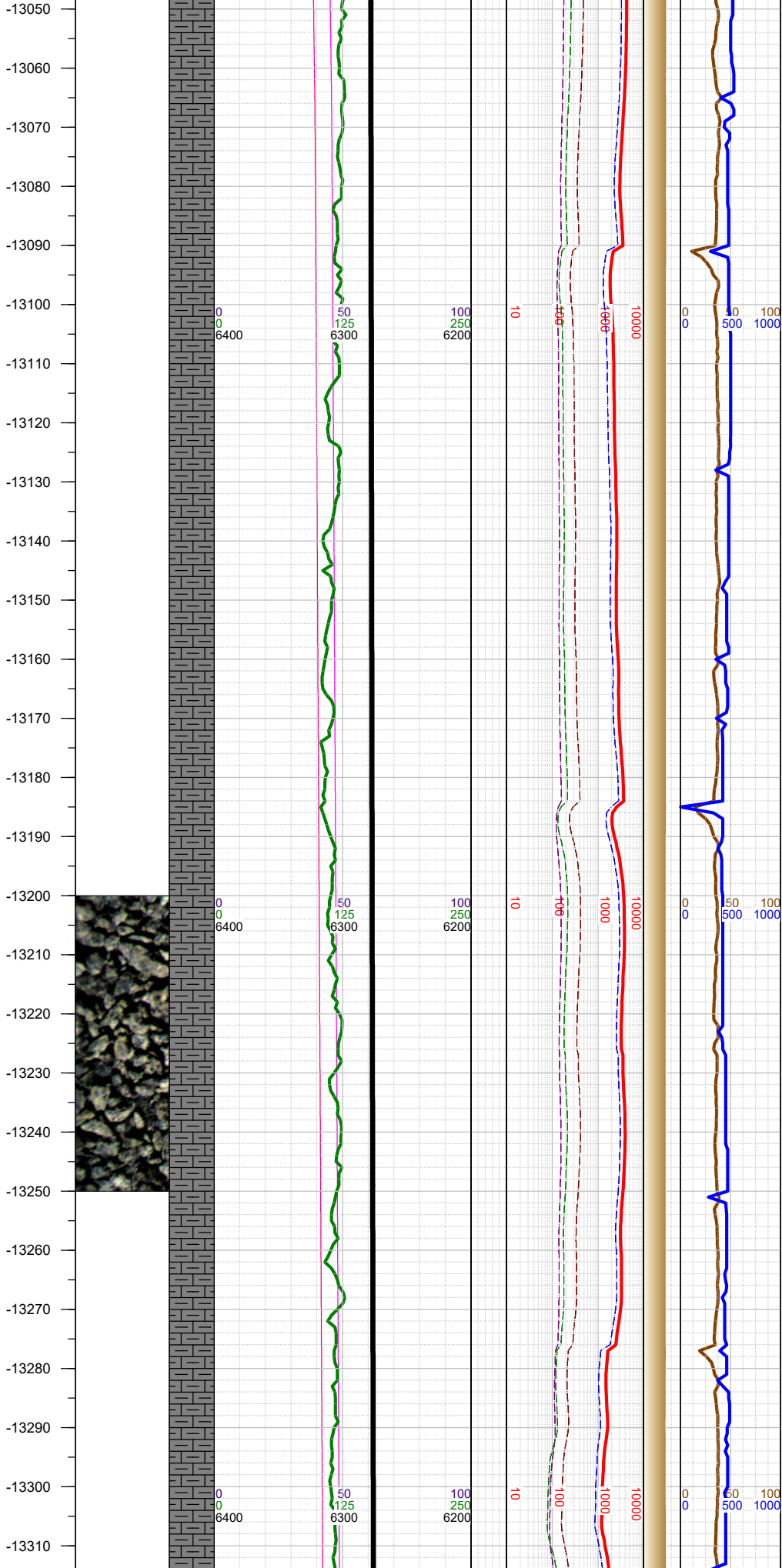
-12913 Fault:
22' down-throw;
stayed in B1
Marl

-12940 INC
90.28, AZM
1.64, TVD
6278.75

-13000 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbly,
mot, v calc, rthy lstr, tr pyr;

-13000 WT
10.2, VIS 54

-13035 INC
90.41, AZM
1.33, TVD
6278.18



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-13100 WT
10.2, VIS 54

-13127 INC
90.32, AZM
1.15, TVD
6277.59

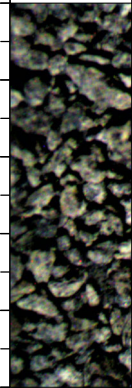
-13184 0000 hrs
on 1/9/2021

-13200 WT
10.2, VIS 55

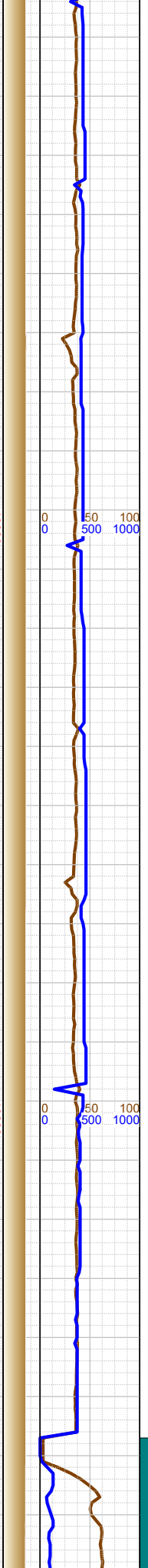
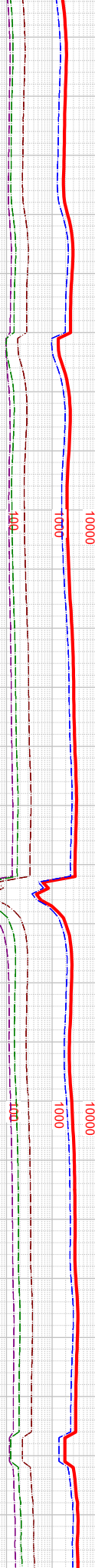
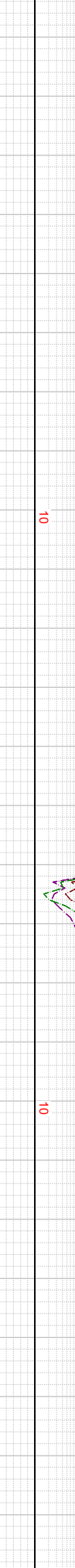
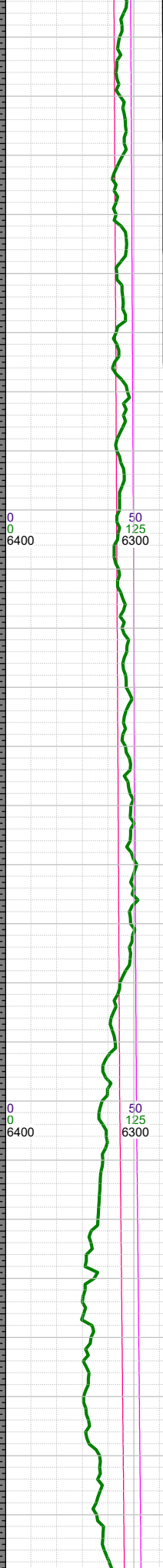
-13222 INC
90.5, AZM 0.67,
TVD 6276.91

-13300 WT
10.2, VIS 55

-13250 MARL: dk gy-blk,
sbbiky-sbplty, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbiky,
mot, v calc, rthy lstr, tr pyr;



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-13316 INC
90.54, AZM 0.1,
TVD 6276.06

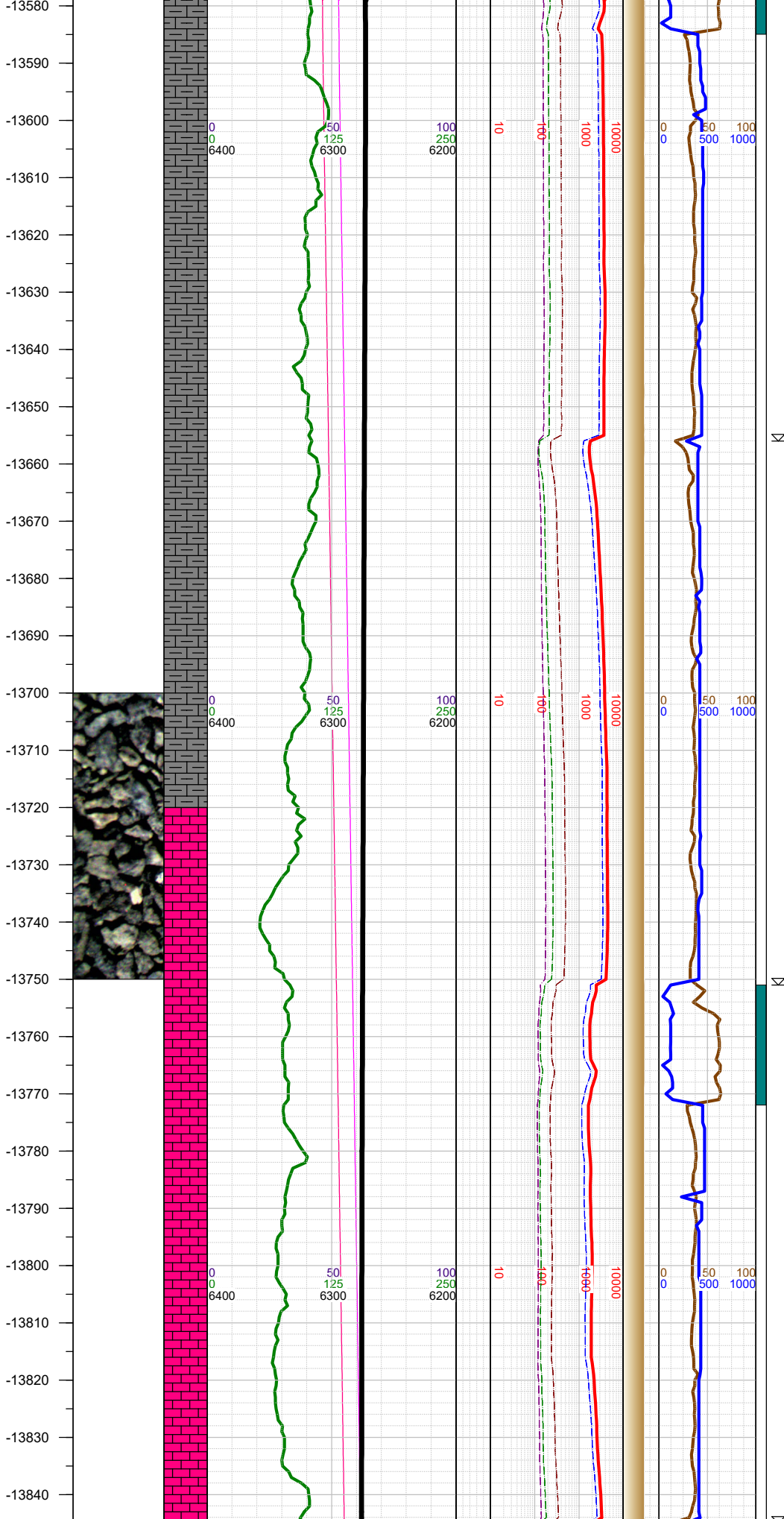
-13400 WT
10.2, VIS 55

-13410 INC
90.63, AZM
359.65, TVD
6275.1

-13500 MARL: dk gy-blk,
sbbkly-sbpity, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbkly,
mot, v calc, rthy lstr, tr pyr;

-13505 INC
91.21, AZM
359.52, TVD
6273.57

-13520 WT
10.2, VIS 55



-13597 INC
89.7, AZM 1.42,
TVD 6272.84

-13610 WT
10.2, VIS 55

-13692 INC
88.47, AZM
0.89, TVD
6274.36

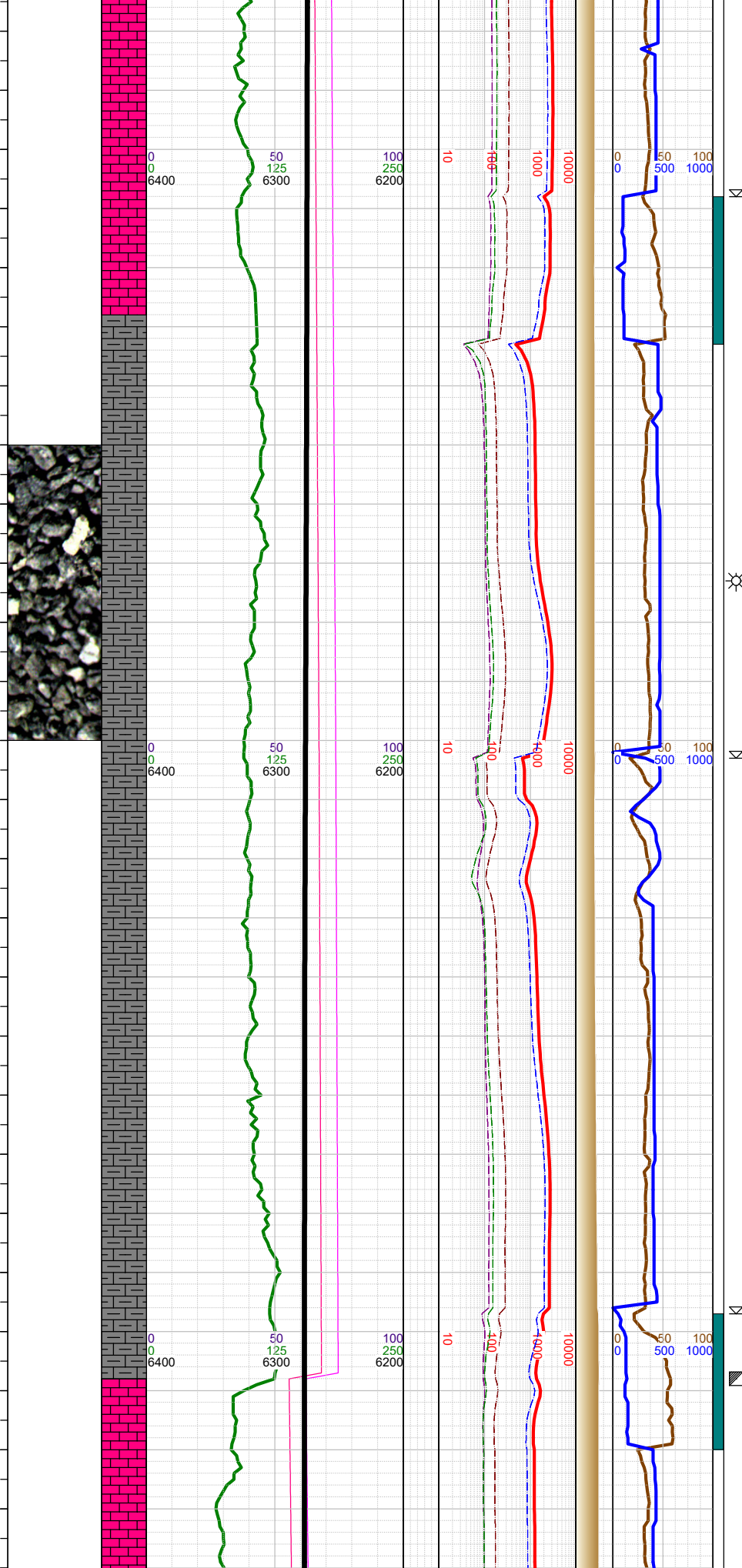
-13710 WT
10.2, VIS 55

-13786 INC
89.84, AZM
1.55, TVD
6275.75

-13800 WT
10.2, VIS 55

-13750 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg;

-14380
-14390
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-14600
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-14400 WT
10.3, VIS 53

-14446 INC
89.4, AZM 2.83,
TVD 6275.37

-14500 WT
10.3, VIS 53

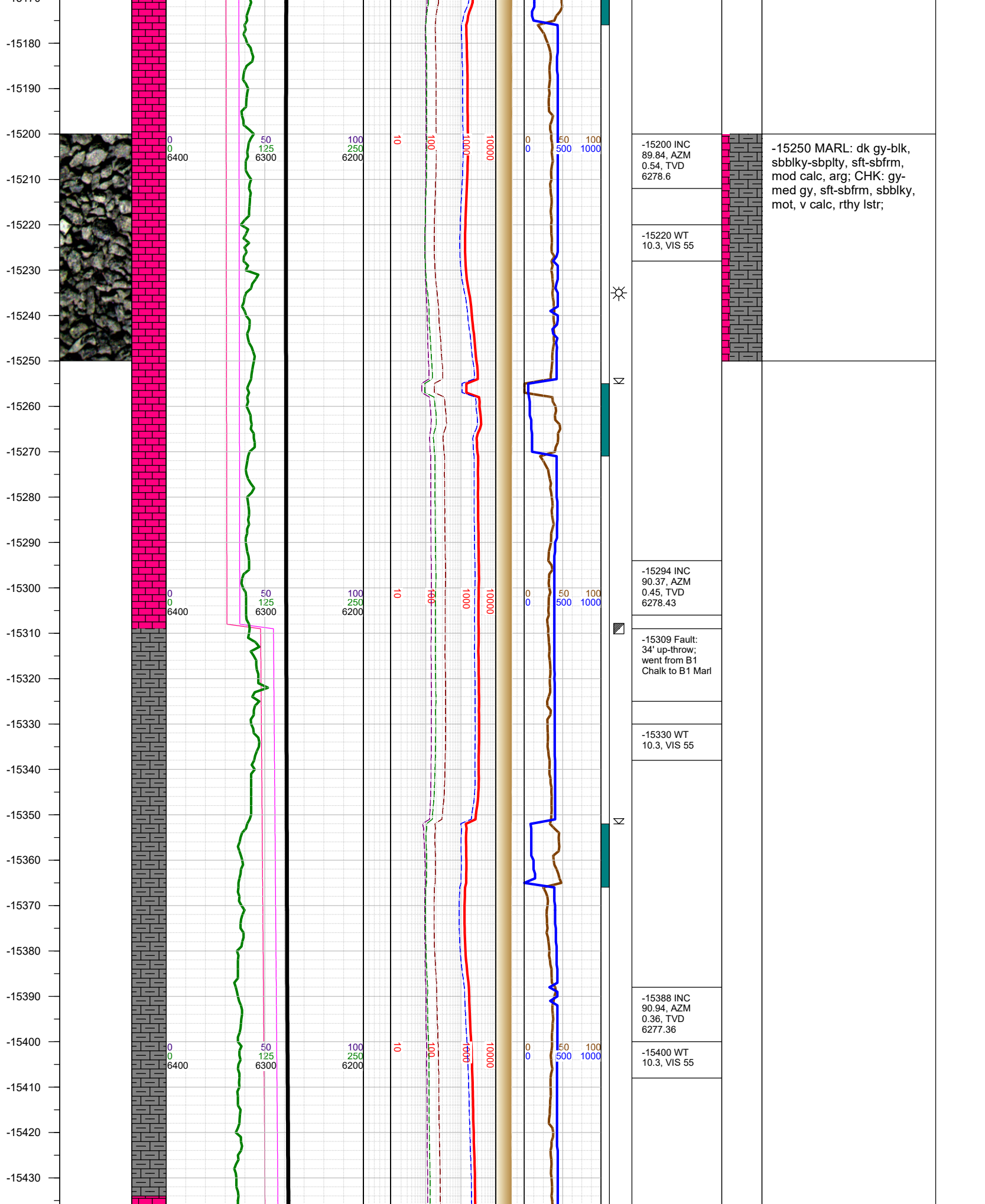
-14540 INC
88.82, AZM
2.96, TVD
6276.84

-14600 WT
10.3, VIS 53

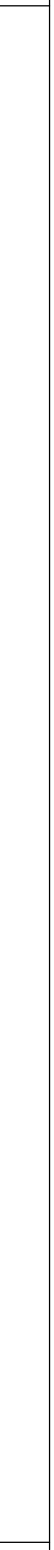
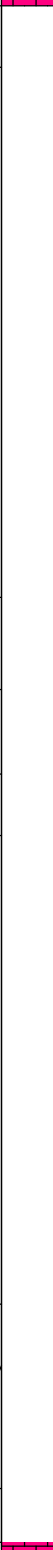
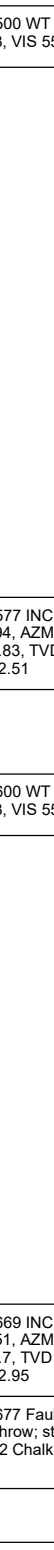
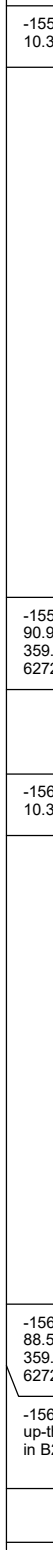
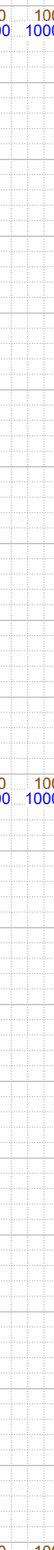
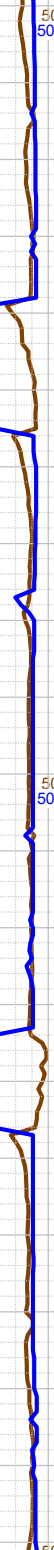
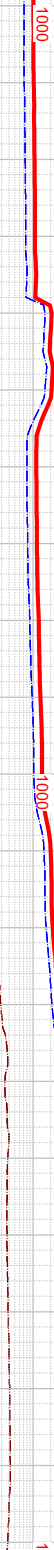
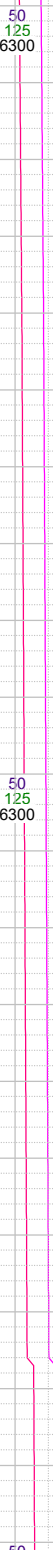
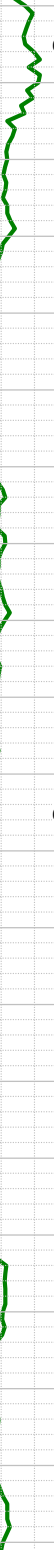
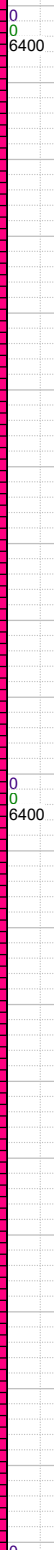
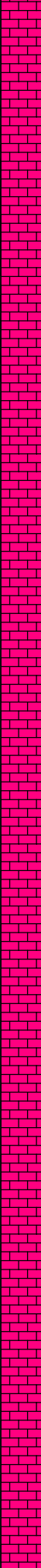
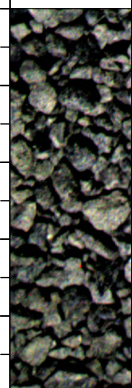
-14608 Fault:
25' down-throw;
went from B2
Marl to B2 Chalk

-14634 INC
90.77, AZM

-14500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbly,
mot, v calc, rthy lstr, mod
fos frags, tr pyr;



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-15450
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-15482 INC 92,
AZM 359.17,
TVD 6274.94

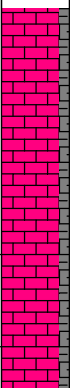
-15500 WT
10.3, VIS 55

-15577 INC
90.94, AZM
359.83, TVD
6272.51

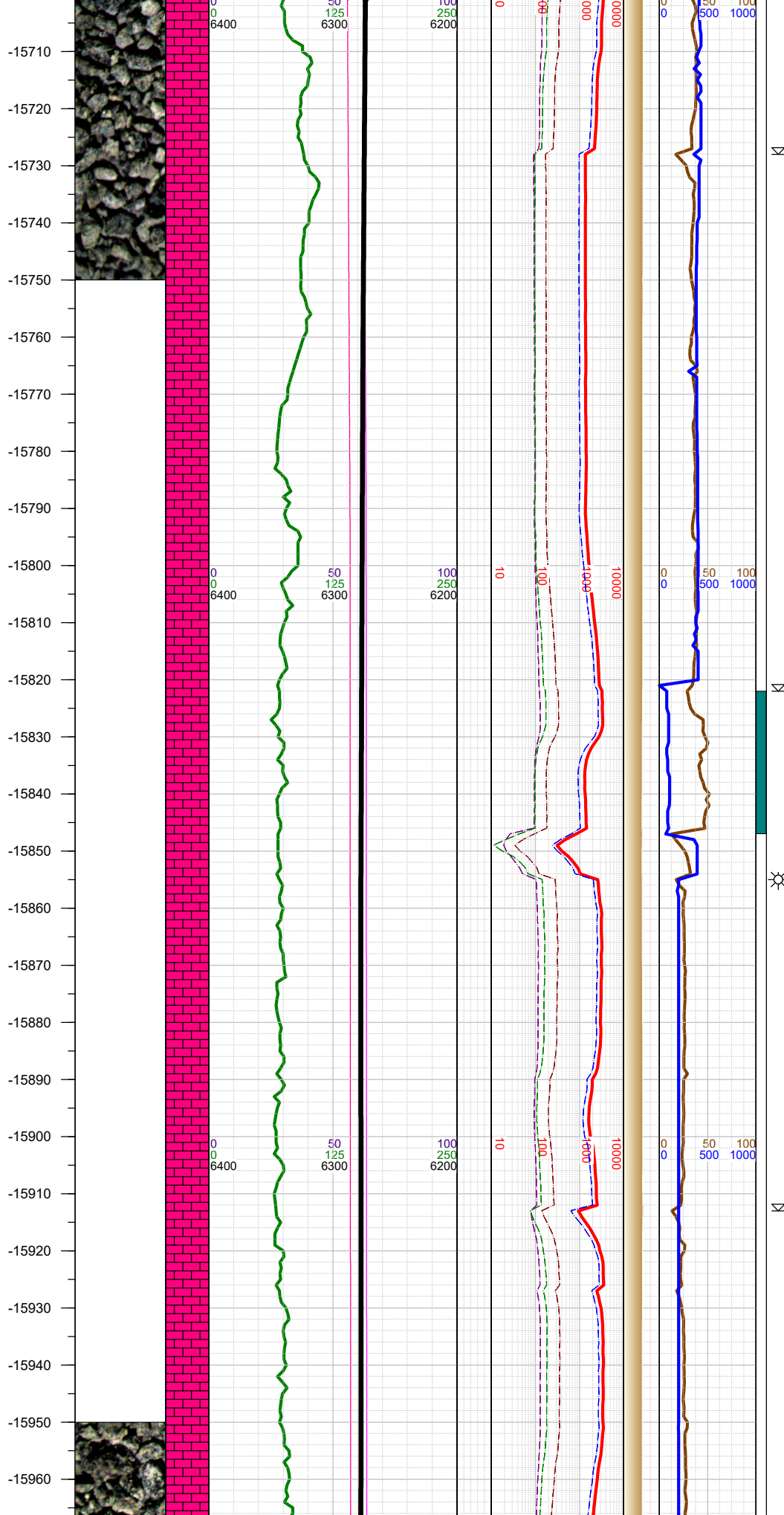
-15600 WT
10.3, VIS 55

-15669 INC
88.51, AZM
359.7, TVD
6272.95

-15677 Fault: 4'
up-throw; stayed
in B2 Chalk



-15500 CHK: gy-med gy,
sft-sbfrm, sbblky, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbblky-sbply, sft-
sbfrm, mod calc, arg;



-15700 WT
10.3, VIS 55

-15763 INC
87.8, AZM
359.26, TVD
6275.98

-15800 WT
10.3, VIS 55

-15858 INC
90.23, AZM
359.87, TVD
6277.61

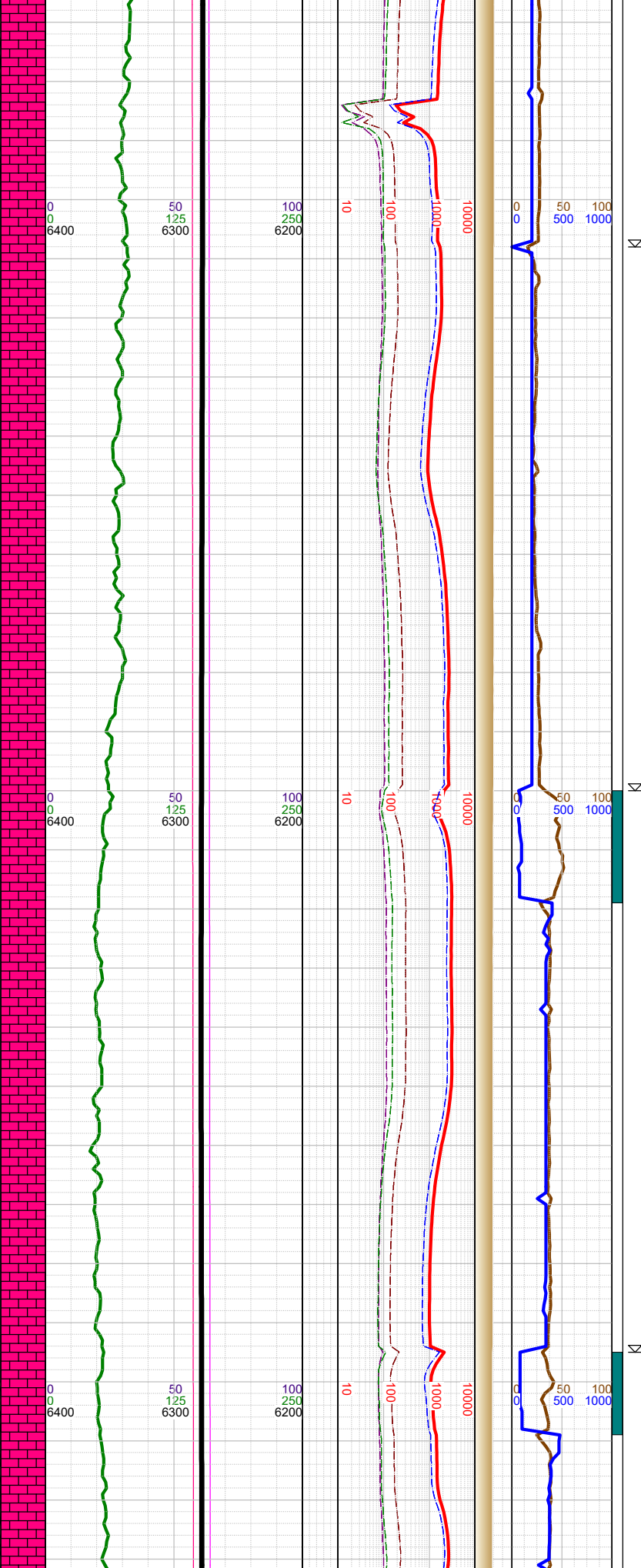
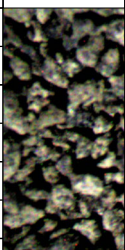
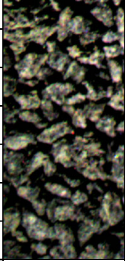
-15900 WT
10.3, VIS 55

-15952 INC
89.93, AZM
359.7, TVD
6277.48

-15750 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg;

-16000 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg;

-15970
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-15990
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-16230

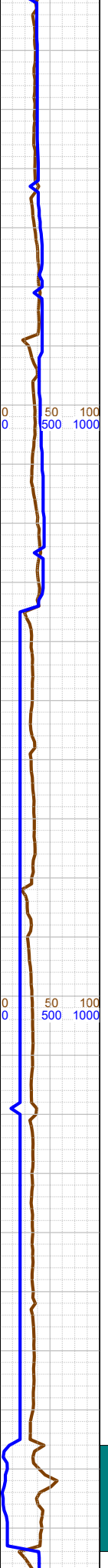
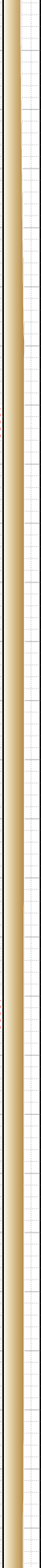
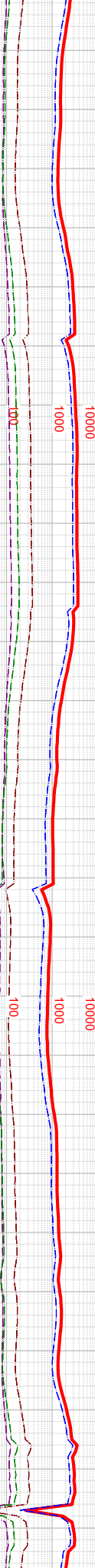
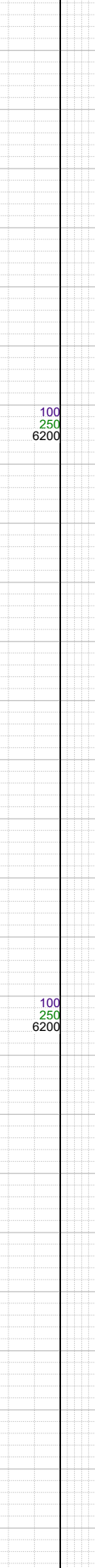
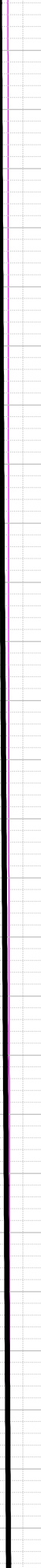
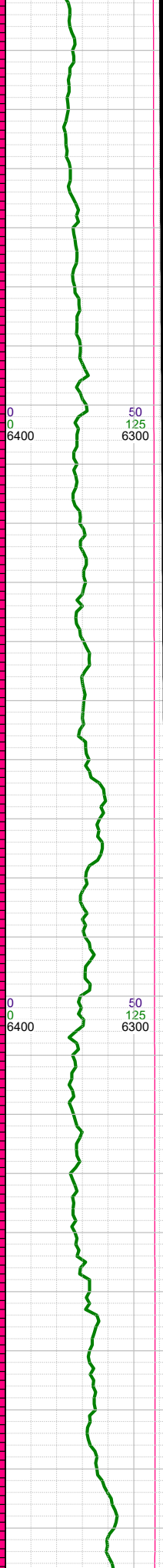
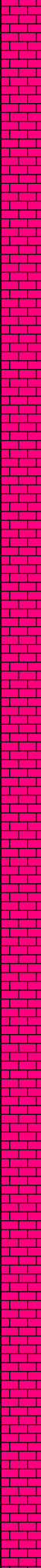
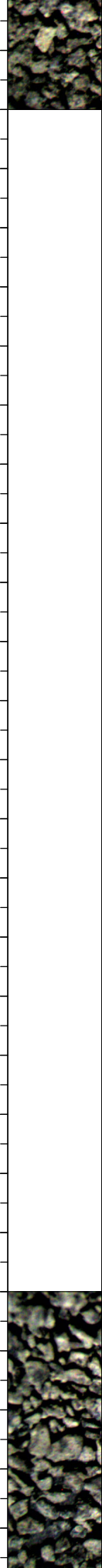


-16000 WT 10.4, VIS 55
-16045 INC 89.17, AZM 358.68, TVD 6278.21
-16100 WT 10.4, VIS 55
-16139 INC 89.84, AZM 359.74, TVD 6279.02
-16200 WT 10.4, VIS 55



-16250 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg;

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-16234 INC
90.94, AZM
359.87, TVD
6278.37

-16300 WT
10.4, VIS 55

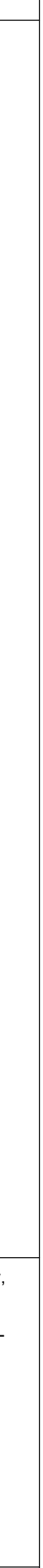
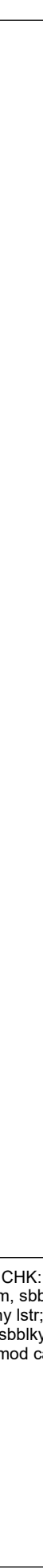
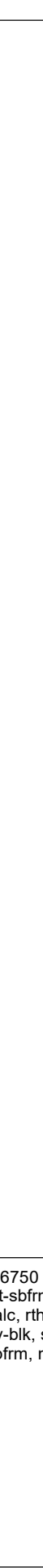
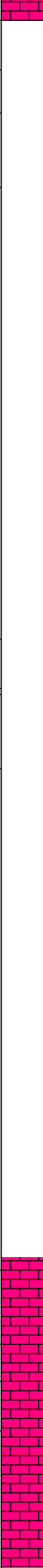
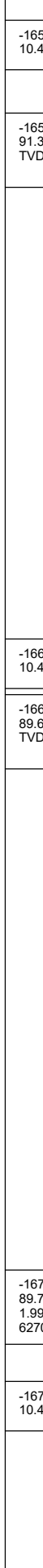
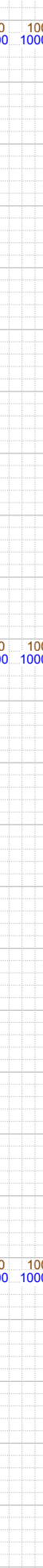
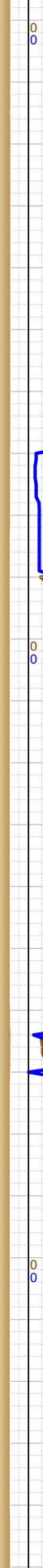
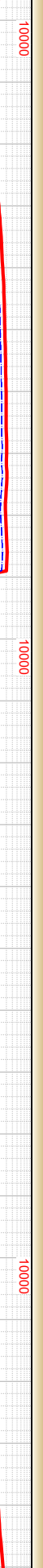
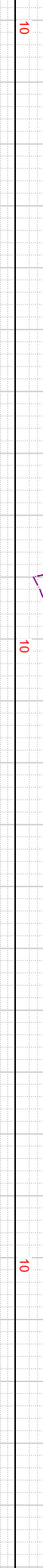
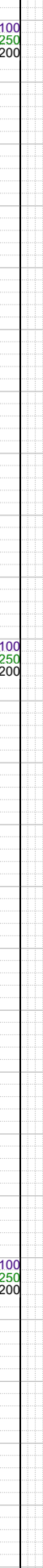
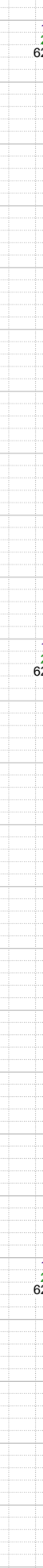
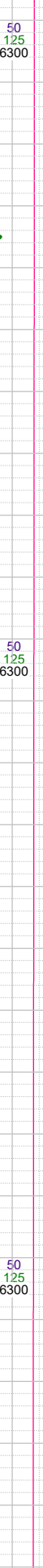
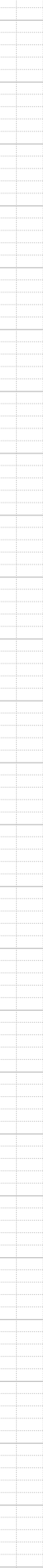
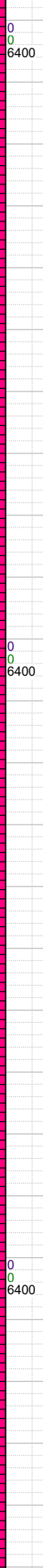
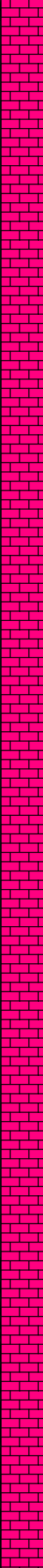
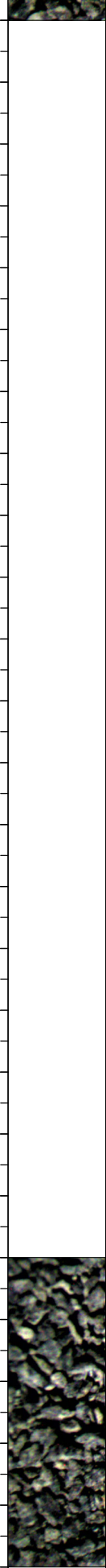
-16328 INC
91.69, AZM
359.61, TVD
6276.22

-16400 WT
10.4, VIS 55

-16423 INC
91.78, AZM
359.3, TVD
6273.34

-16500 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbpity, sft-
sbfrm, mod calc, arg;

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-16500 WT
10.4, VIS 56

-16515 INC
91.3, AZM 0.84,
TVD 6270.87

-16600 WT
10.4, VIS 56

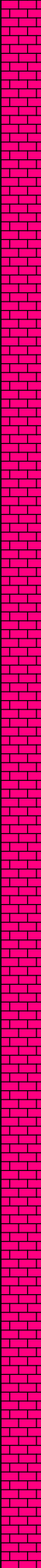
-16609 INC
89.62, AZM 2.3,
TVD 6270.11

-16702 INC
89.75, AZM
1.99, TVD
6270.62

-16720 WT
10.4, VIS 56

-16750 CHK: gy-med gy,
sft-sbfrm, sbbiky, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbiky-sbply, sft-
sbfrm, mod calc, arg;

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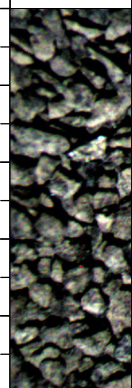
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-16796 INC
90.37, AZM
1.68, TVD
6270.53

-16810 WT
10.4, VIS 56

-16891 INC
90.19, AZM
2.34, TVD
6270.06

-16910 WT
10.4, VIS 56



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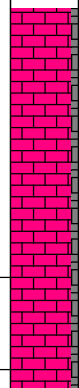
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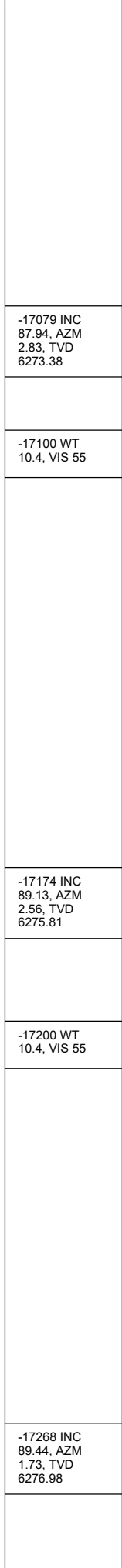
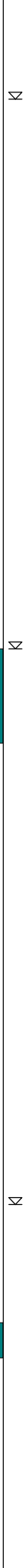
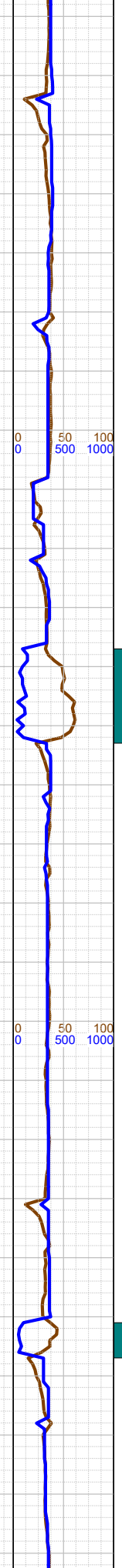
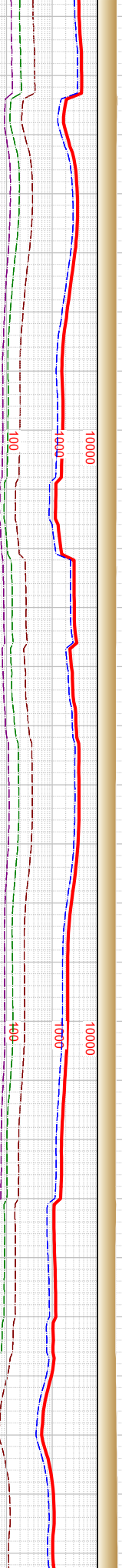
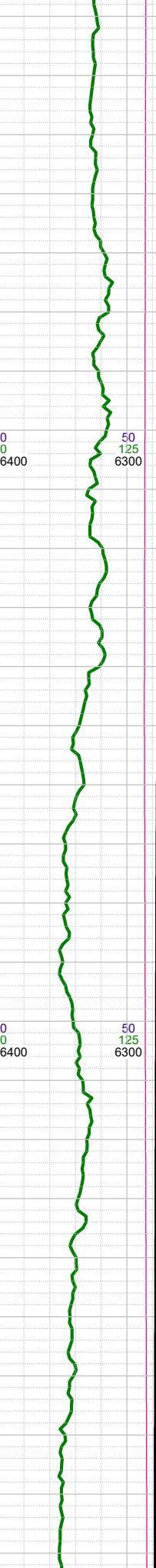
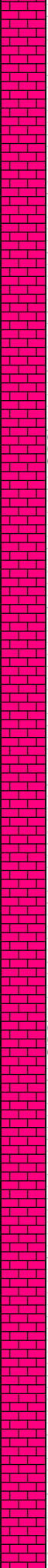
-16985 INC
88.91, AZM
3.44, TVD
6270.8

-17000 WT
10.4, VIS 56



-17000 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbplty, sft-
sbfrm, mod calc, arg;

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-17079 INC
87.94, AZM
2.83, TVD
6273.38

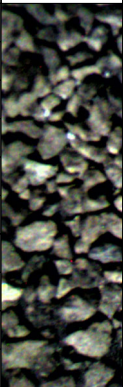
-17100 WT
10.4, VIS 55

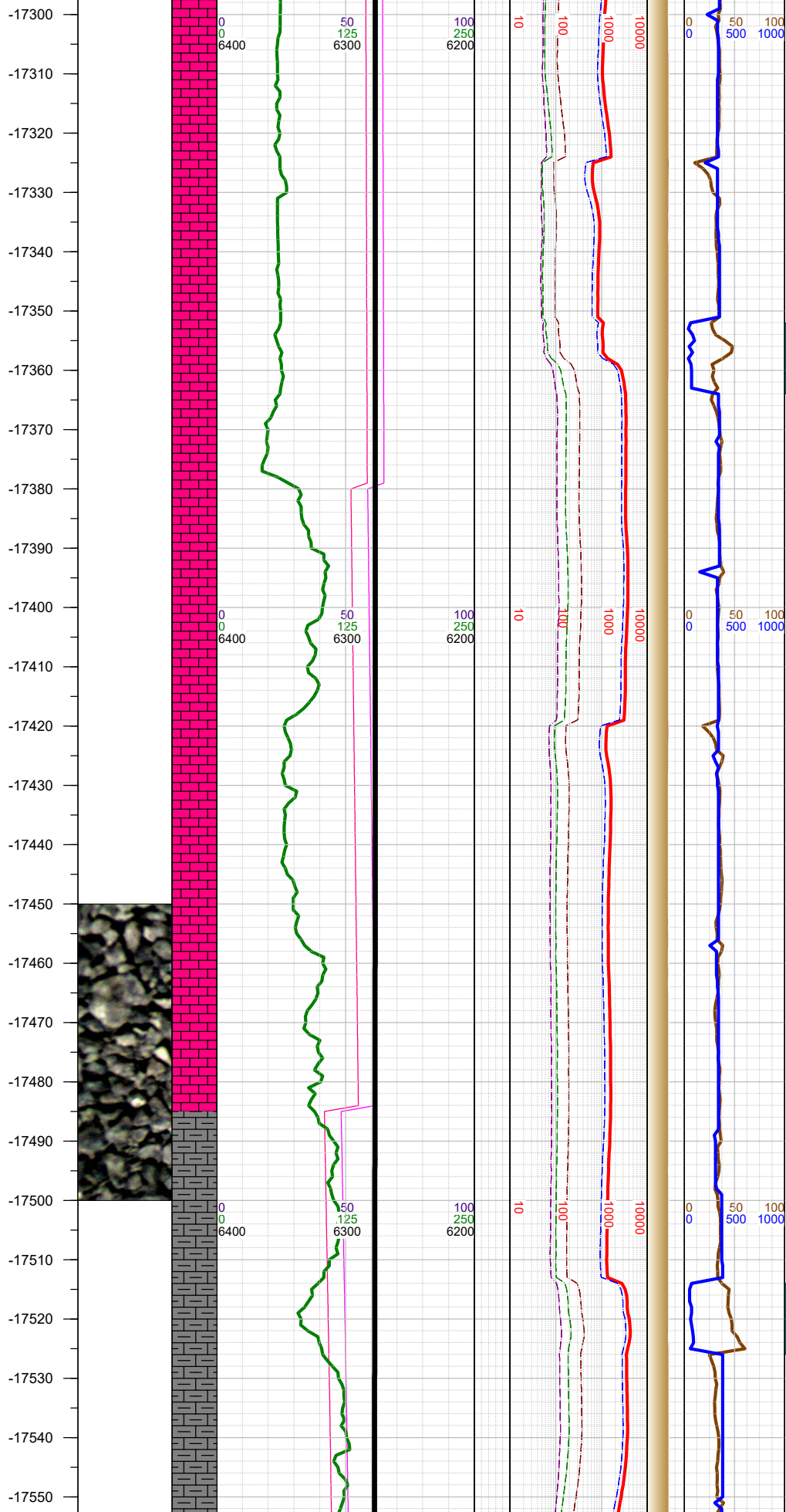
-17174 INC
89.13, AZM
2.56, TVD
6275.81

-17200 WT
10.4, VIS 55

-17250 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, mod calc, arg;

-17268 INC
89.44, AZM
1.73, TVD
6276.98

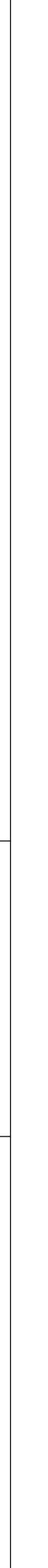
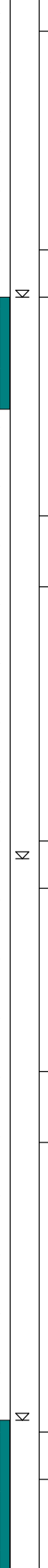
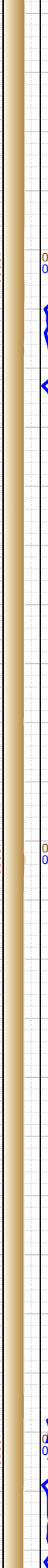
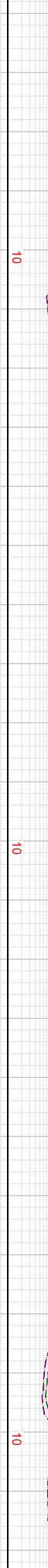
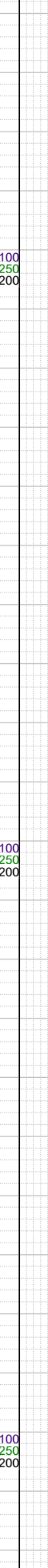
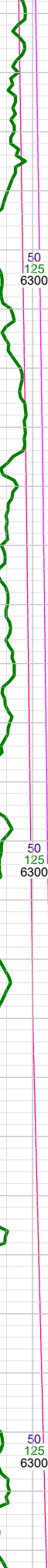
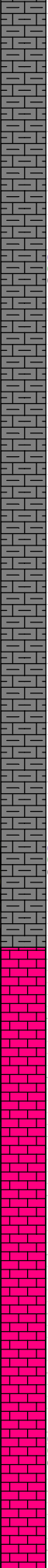




-17300 WT 10.4, VIS 53	0 0 6400	50 125 6300	100 250 6200	10 100 1000 10000	0 0 50 100	0 0 500 1000	☒
-17363 INC 90.41, AZM 1.68, TVD 6277.11							☒
-17380 Fault: 13' down-throw; stayed in B2 Chalk							☒
-17400 WT 10.4, VIS 53	0 0 6400	50 125 6300	100 250 6200	10 100 1000 10000	0 0 50 100	0 0 500 1000	☒
-17457 INC 89.53, AZM 1.37, TVD 6277.16							☒
-17465 0000 hrs on 1/10/2021							☒
-17485 Fault: 26' down-throw; went from B2 Chalk to B1 Marl							☒
-17510 WT 10.4, VIS 53	0 0 6400	50 125 6300	100 250 6200	10 100 1000 10000	0 0 50 100	0 0 500 1000	☒
-17551 INC 89.84, AZM							☒

-17500 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr, tr pyr; MARL:
dk gy-blk, sbbkly-sbplty,
sft-sbfrm, mod calc, arg;

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1.99, TVD
6277.67

-17600 WT
10.4, VIS 53

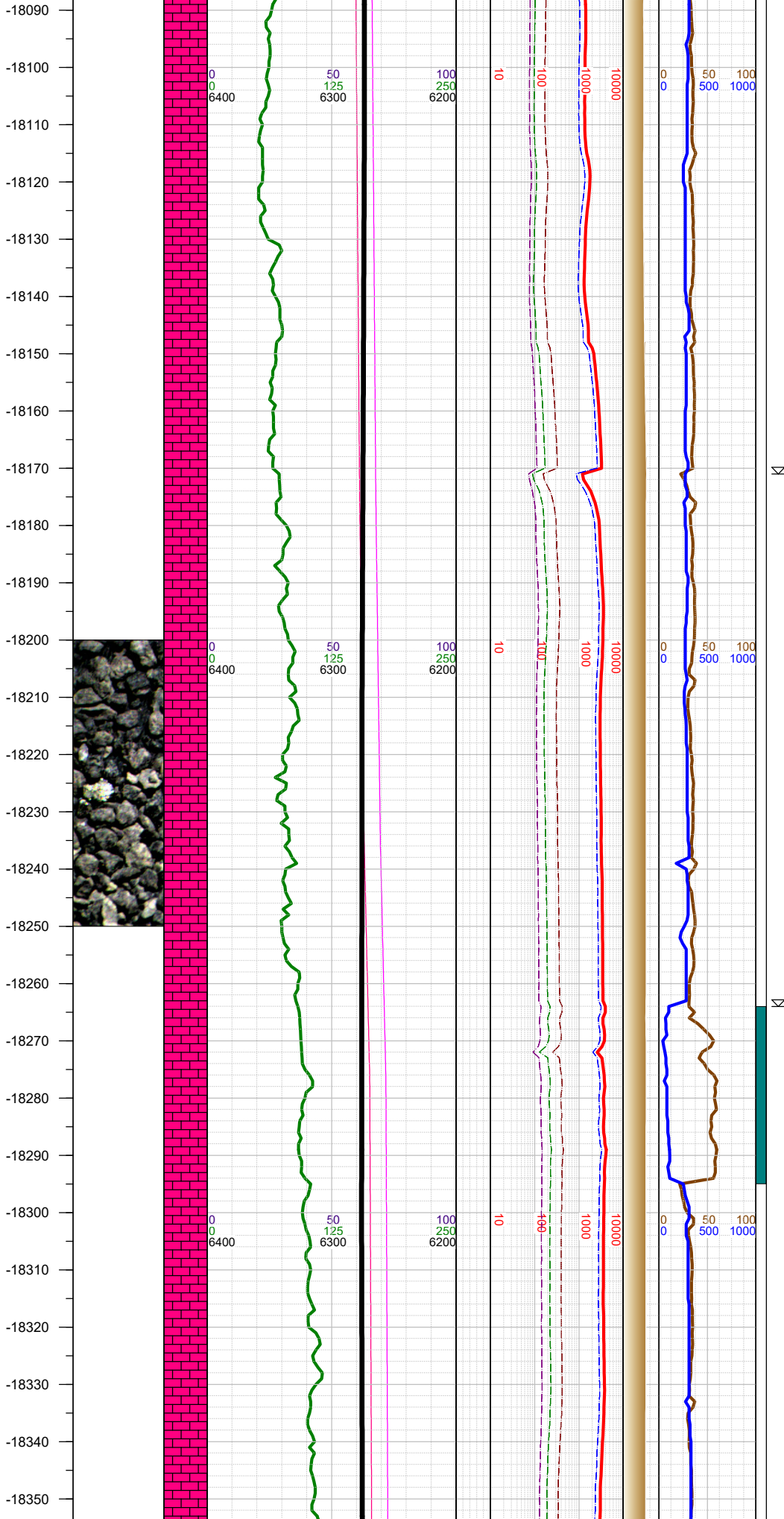
-17645 INC
90.72, AZM
1.95, TVD
6277.22

-17700 WT
10.4, VIS 53

-17739 INC
89.04, AZM
1.33, TVD
6277.41

-17800 WT
10.4, VIS 53

-17750 CHK: gy-med gy,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbplty, sft-
sbfrm, mod calc, arg;



-18100 WT
10.3, VIS 52

-18116 INC
89.48, AZM 0.4,
TVD 6273.91

-18200 WT
10.3, VIS 52

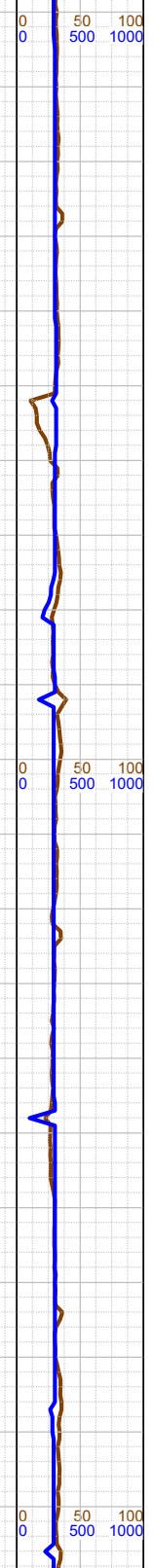
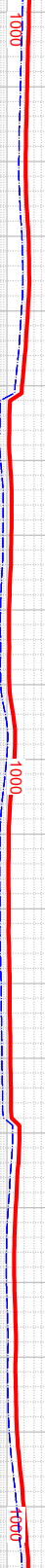
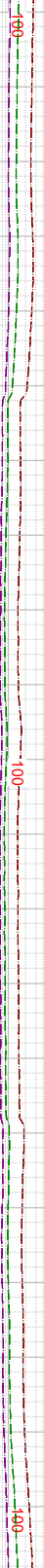
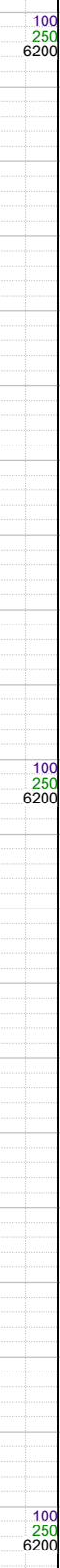
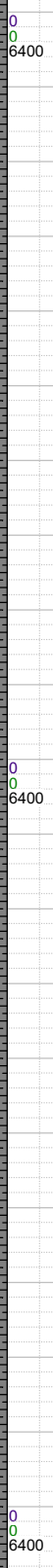
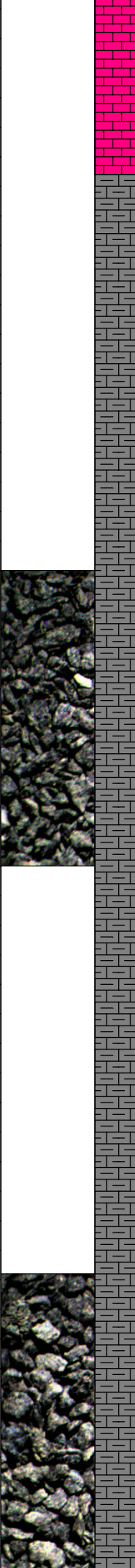
-18209 INC
88.38, AZM
0.01, TVD
6275.65

-18303 INC
91.12, AZM
0.27, TVD
6276.06

-18320 WT
10.3, VIS 53

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

-18360
-18370
-18380
-18390
-18400
-18410
-18420
-18430
-18440
-18450
-18460
-18470
-18480
-18490
-18500
-18510
-18520
-18530
-18540
-18550
-18560
-18570
-18580
-18590
-18600
-18610



N
N
N
N

-18398 INC
90.28, AZM 0.4,
TVD 6274.9

-18410 WT
10.3, VIS 53

-18491 INC
89.31, AZM
0.32, TVD
6275.23

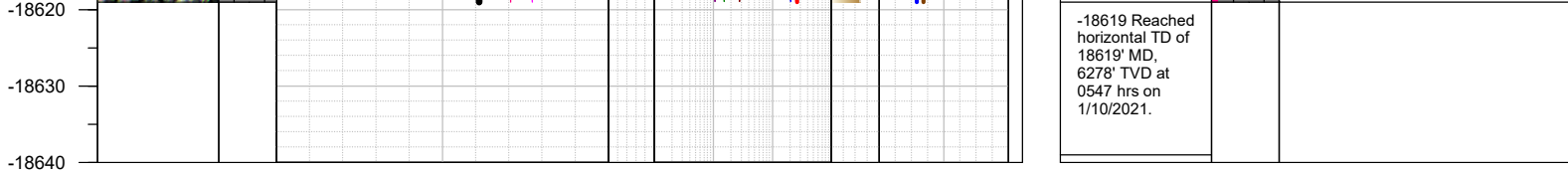
-18510 WT
10.3, VIS 53

-18562 INC
88.56, AZM
0.54, TVD
6276.55

-18600 WT
10.3, VIS 53

-18500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbly,
mot, v calc, rthy lstr;

-18619 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; CHK: gy-
med gy, sft-sbfrm, sbbly,
mot, v calc, rthy lstr;



TOTAL DEPTH = 18619'

Thank you for using Earth Science Agency