

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Hergert South 35W-15-5N**

FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Patterson 346
API #: 05-123-45901

LAT/LONG: 40.529589, -104.8534
SURFACE HOLE: NESE S35-T7N-R67W, 2272' FSL, 647' FEL
BOTTOM HOLE: S34-T7N-R67W, 1697' FSL, 2555' FEL

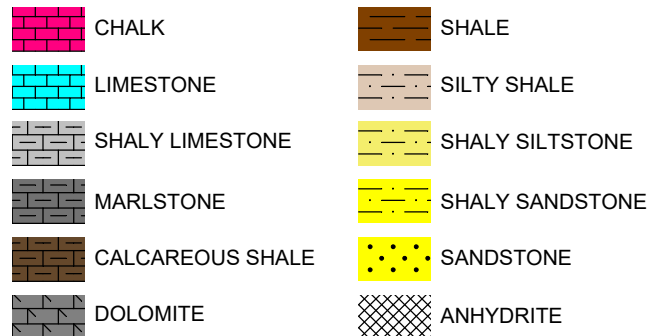


Earth Science Agency, LLC

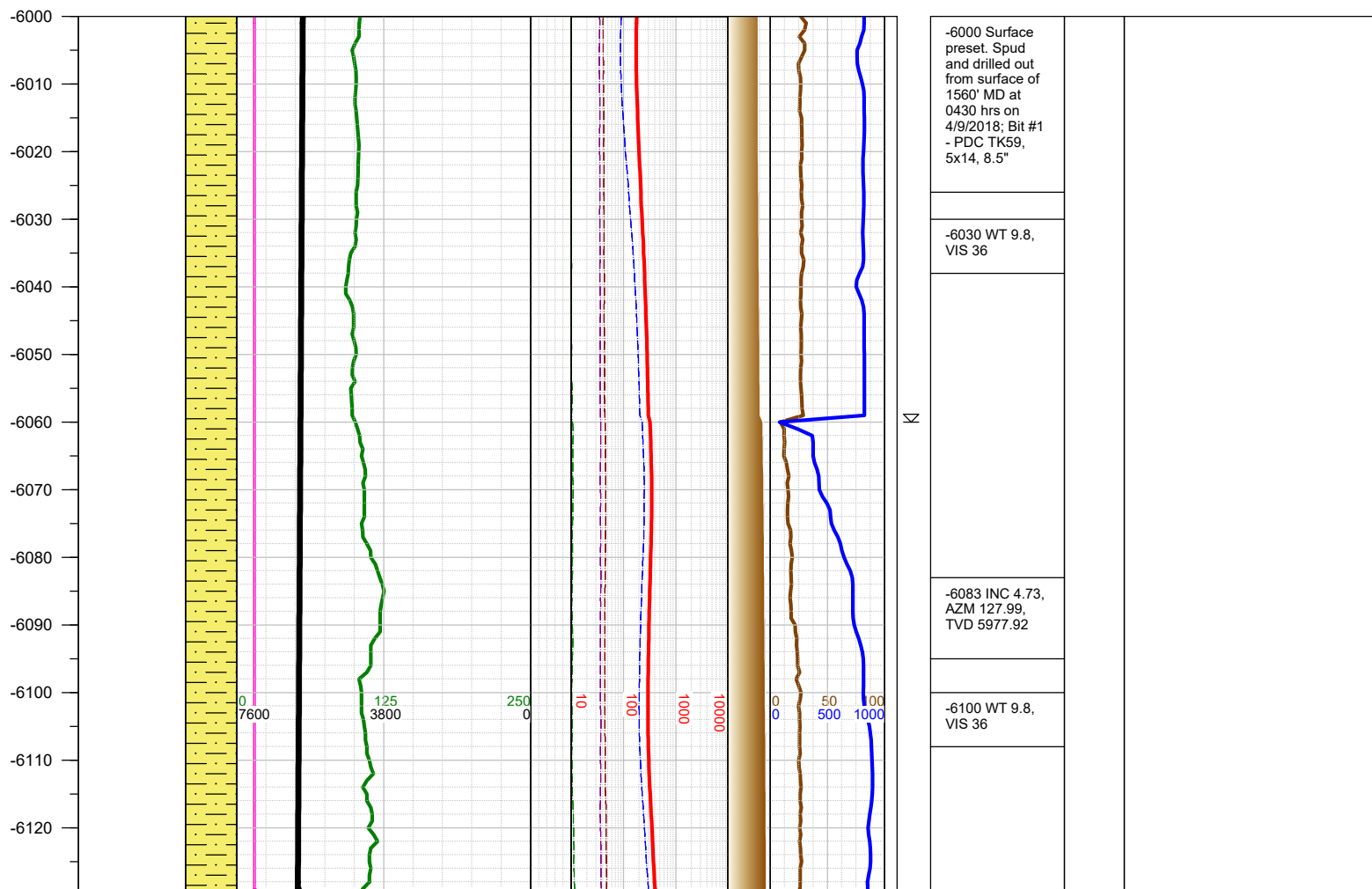
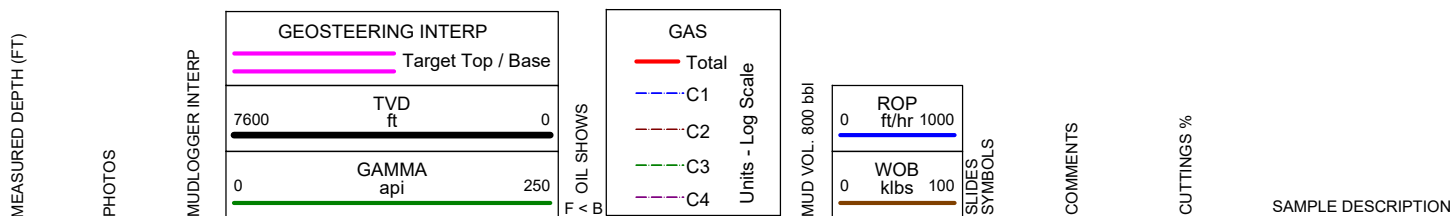
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4883'
KELLY BUSHING: 4908'
DRILLING FLUID: OBM
TVD VS. MD: 6935' / 14843'
SPUD DATE: April 9, 2018
TD DATE: April 11, 2018

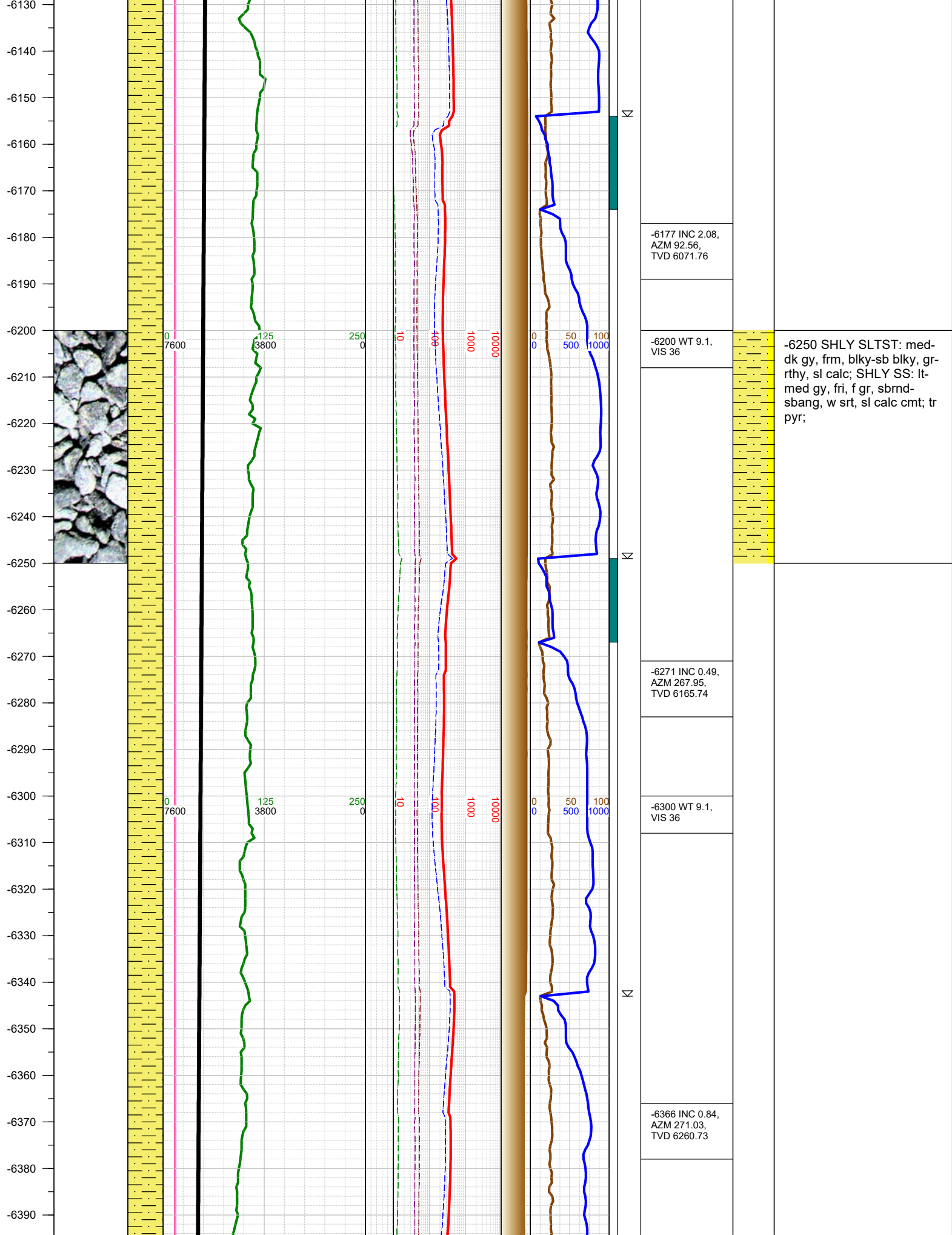
DEPTHS LOGGED: 6000' - 14843'
DATES LOGGED: April 9, 2018 - April 11, 2018
GEOLOGISTS: Ross Apodaca, Brian Whitfield
SCALE: 5" = 100'

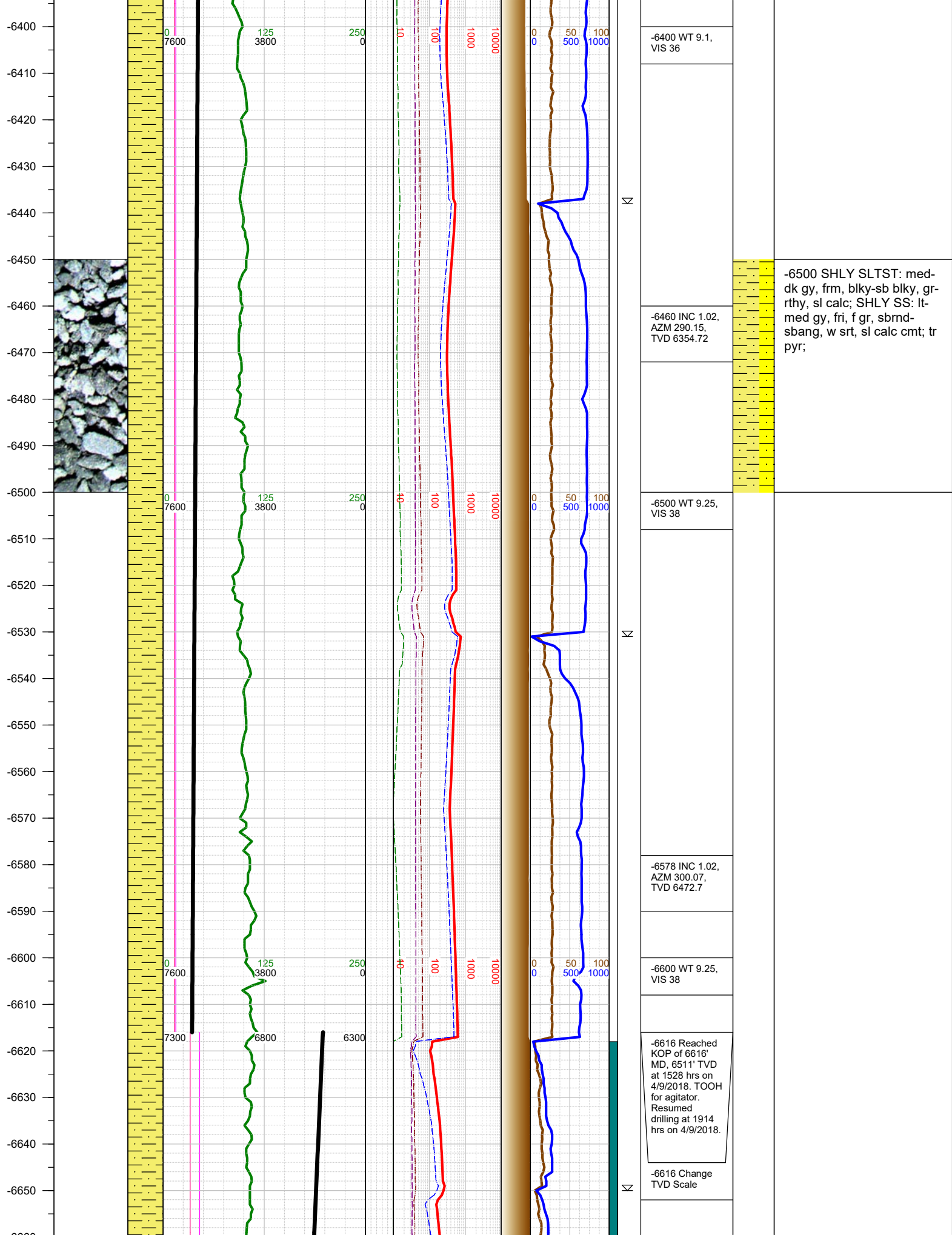
LEGEND

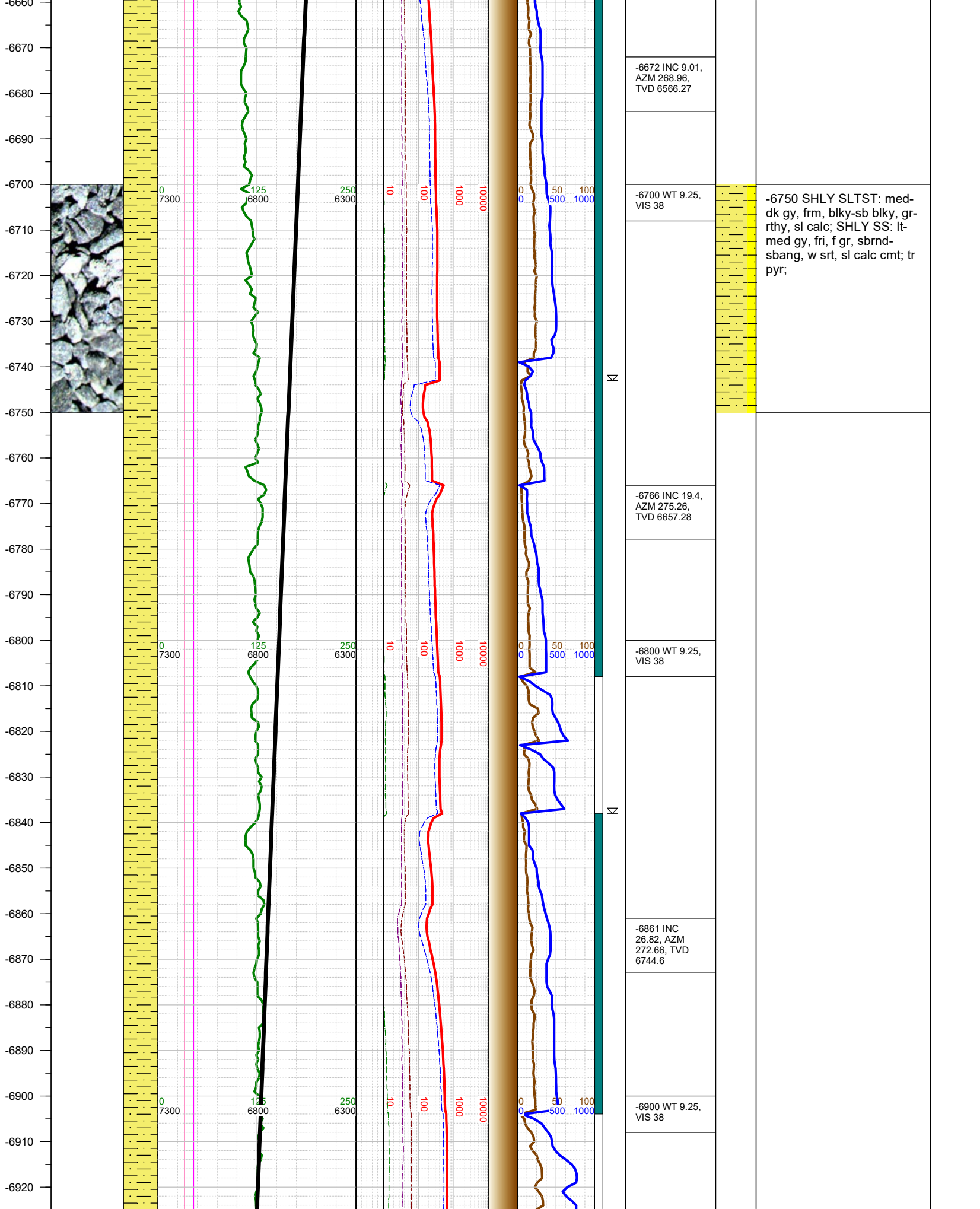


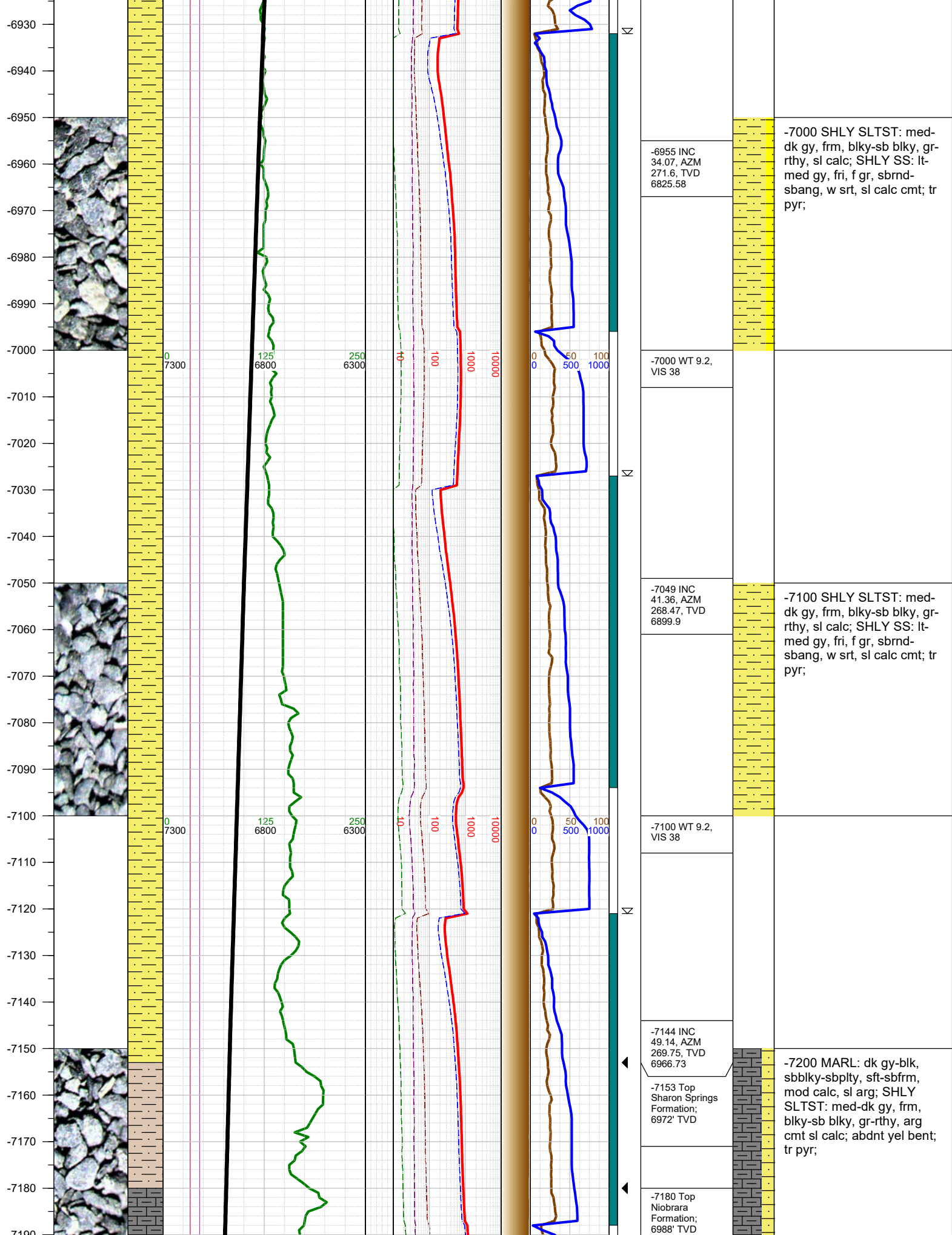
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

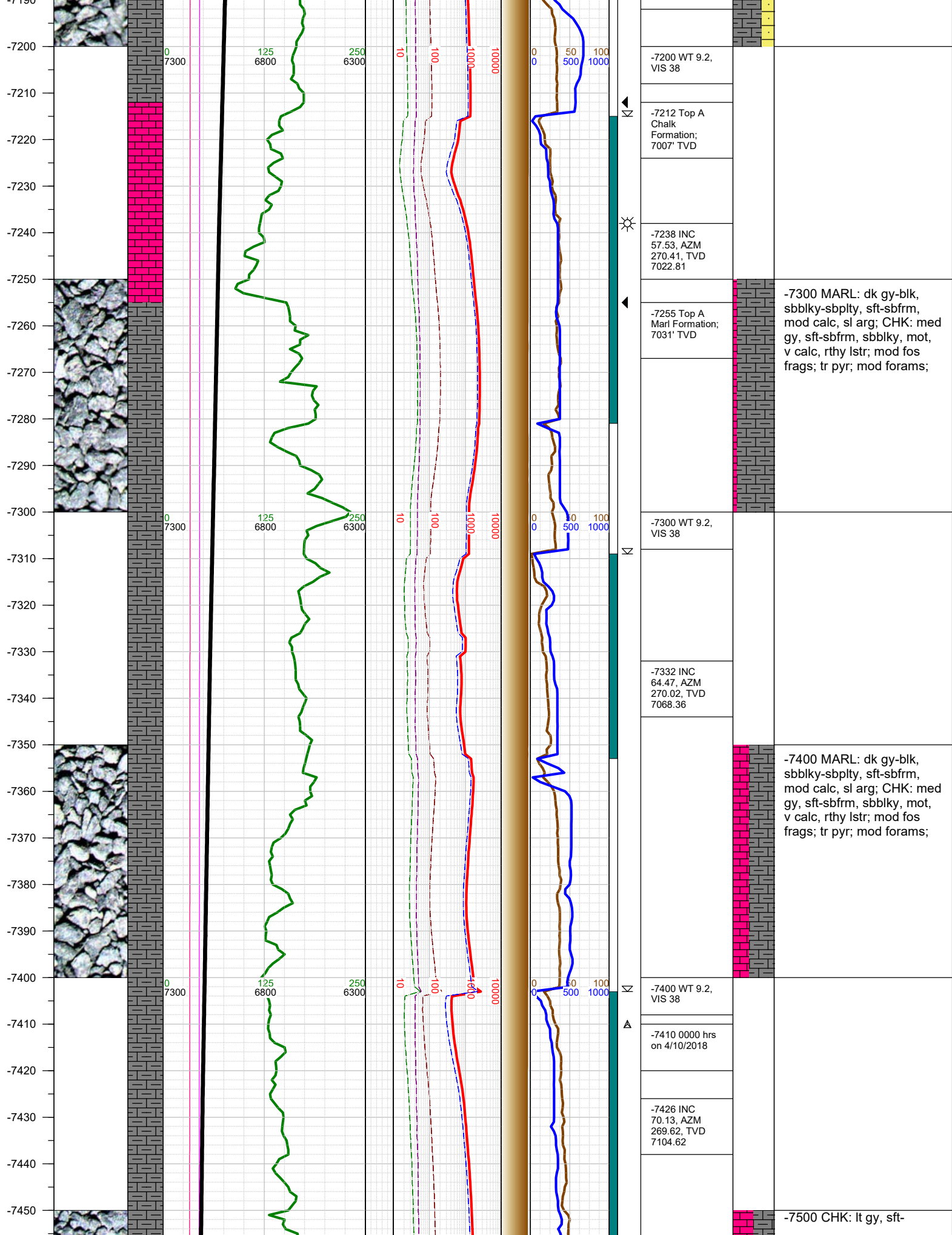


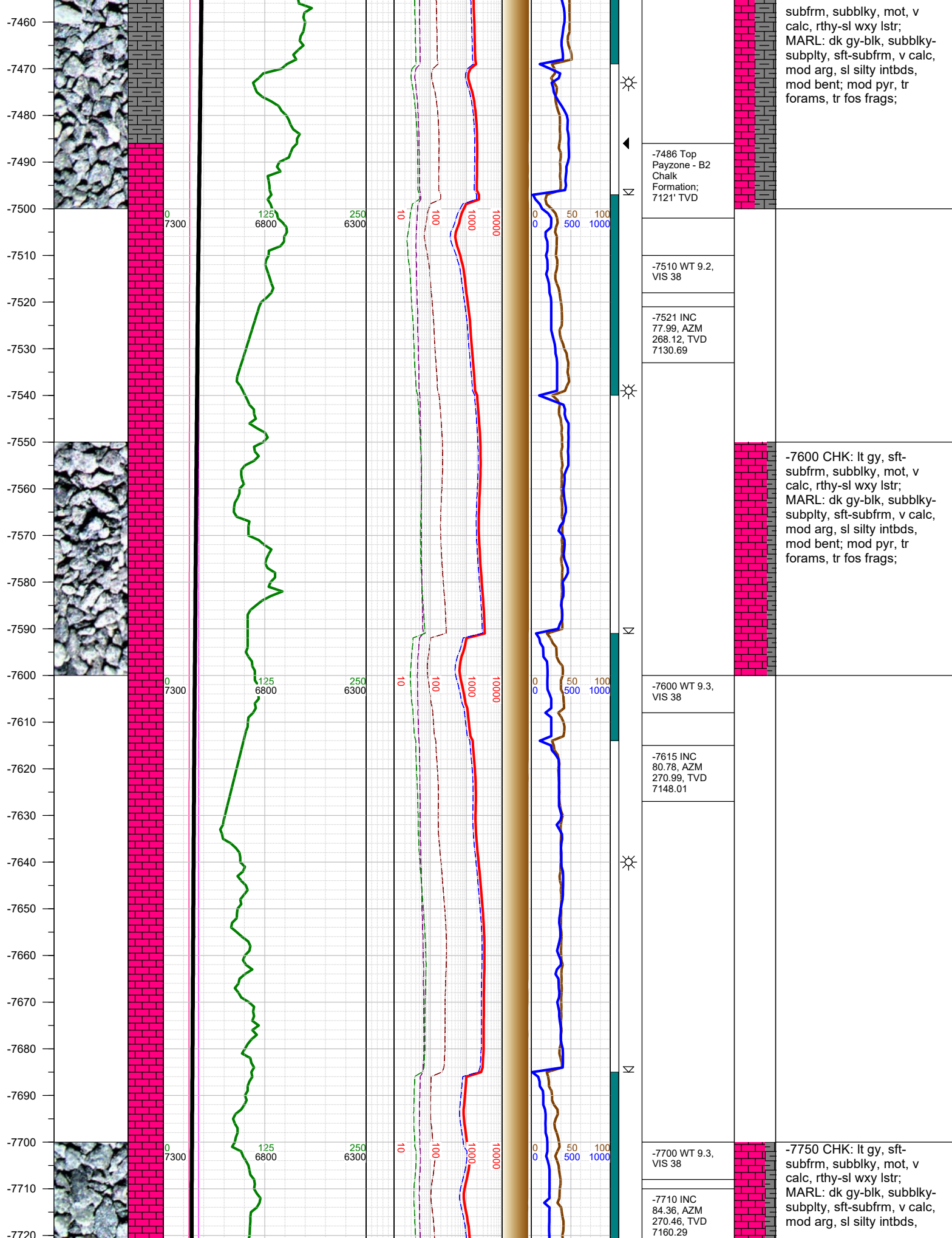


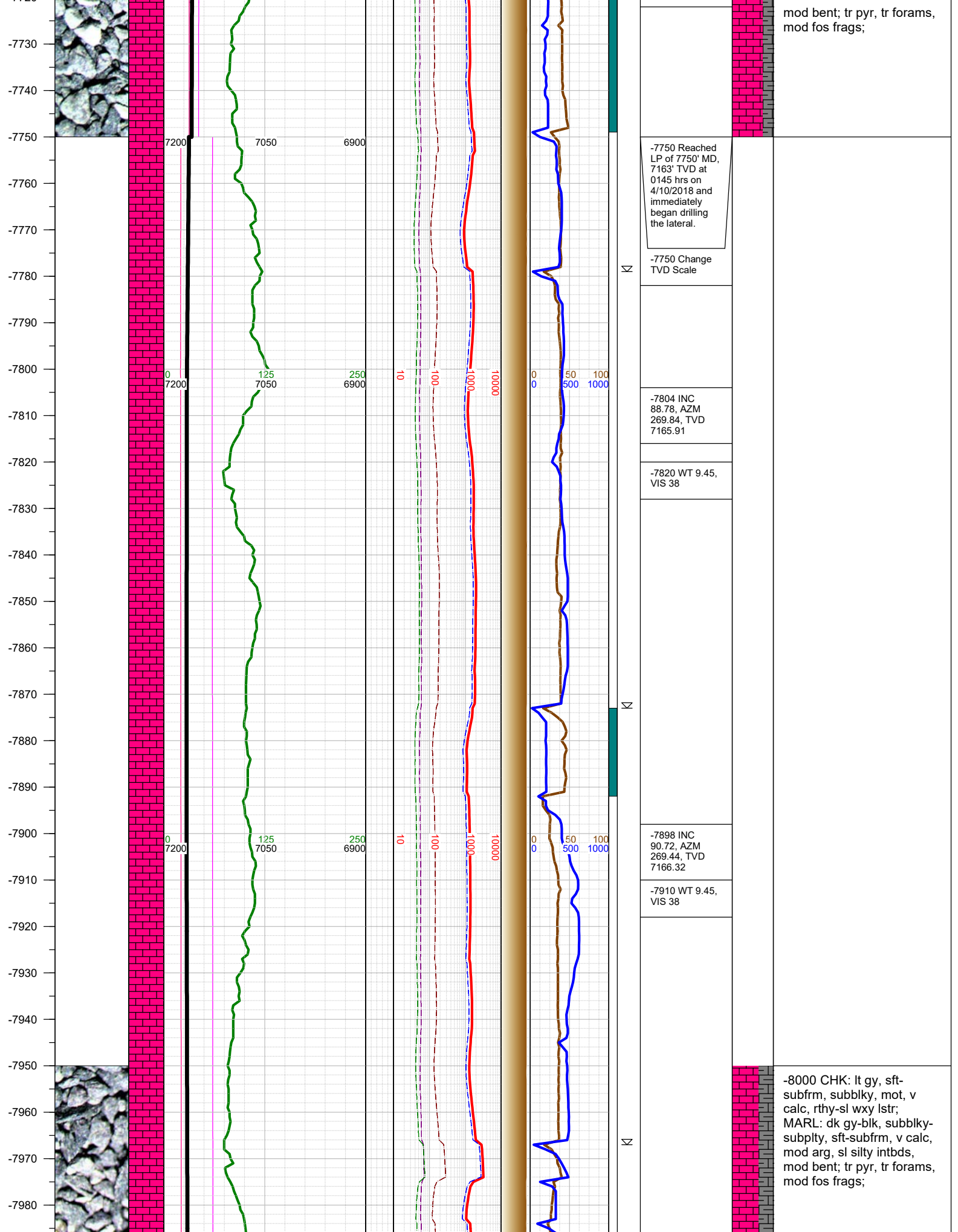


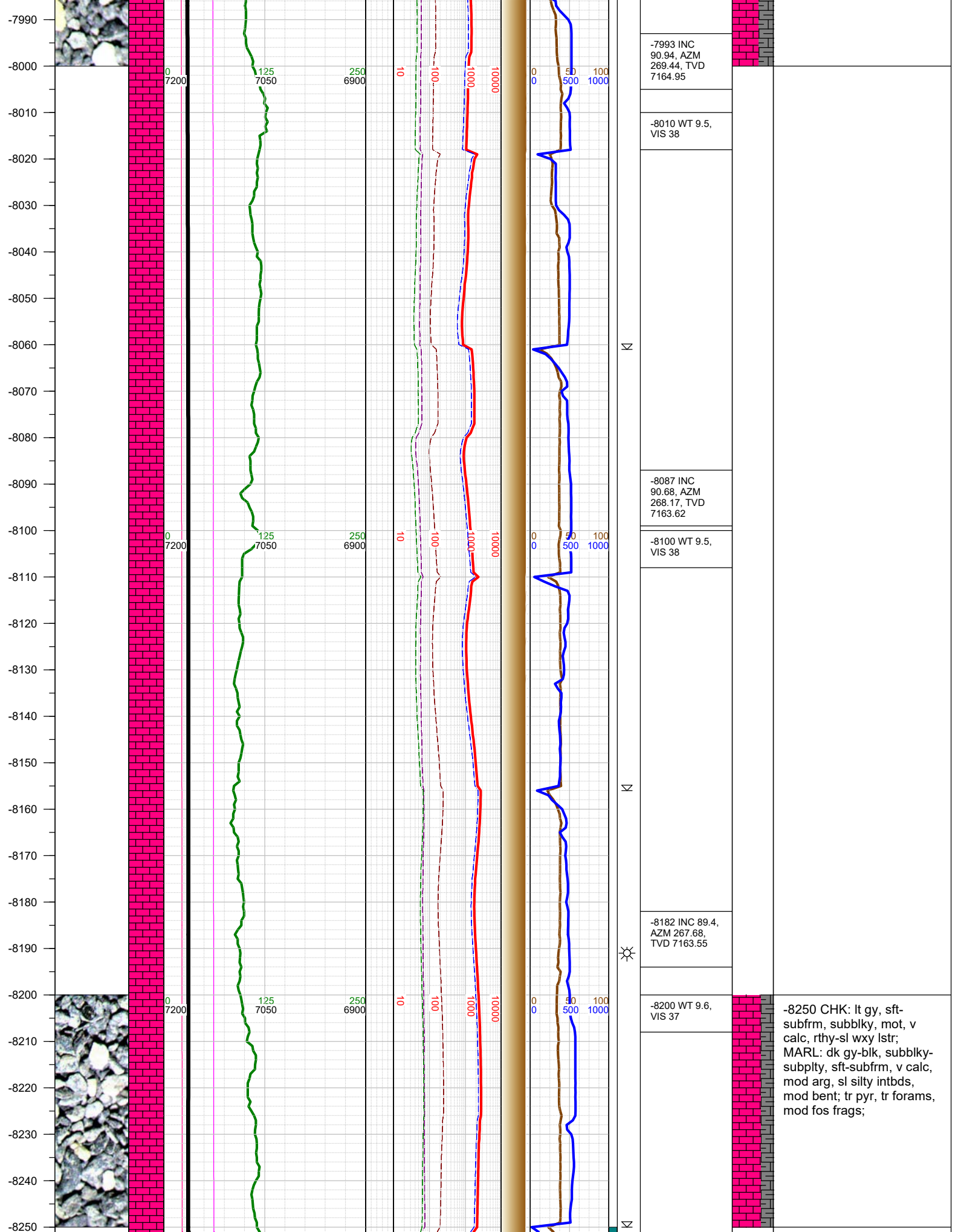


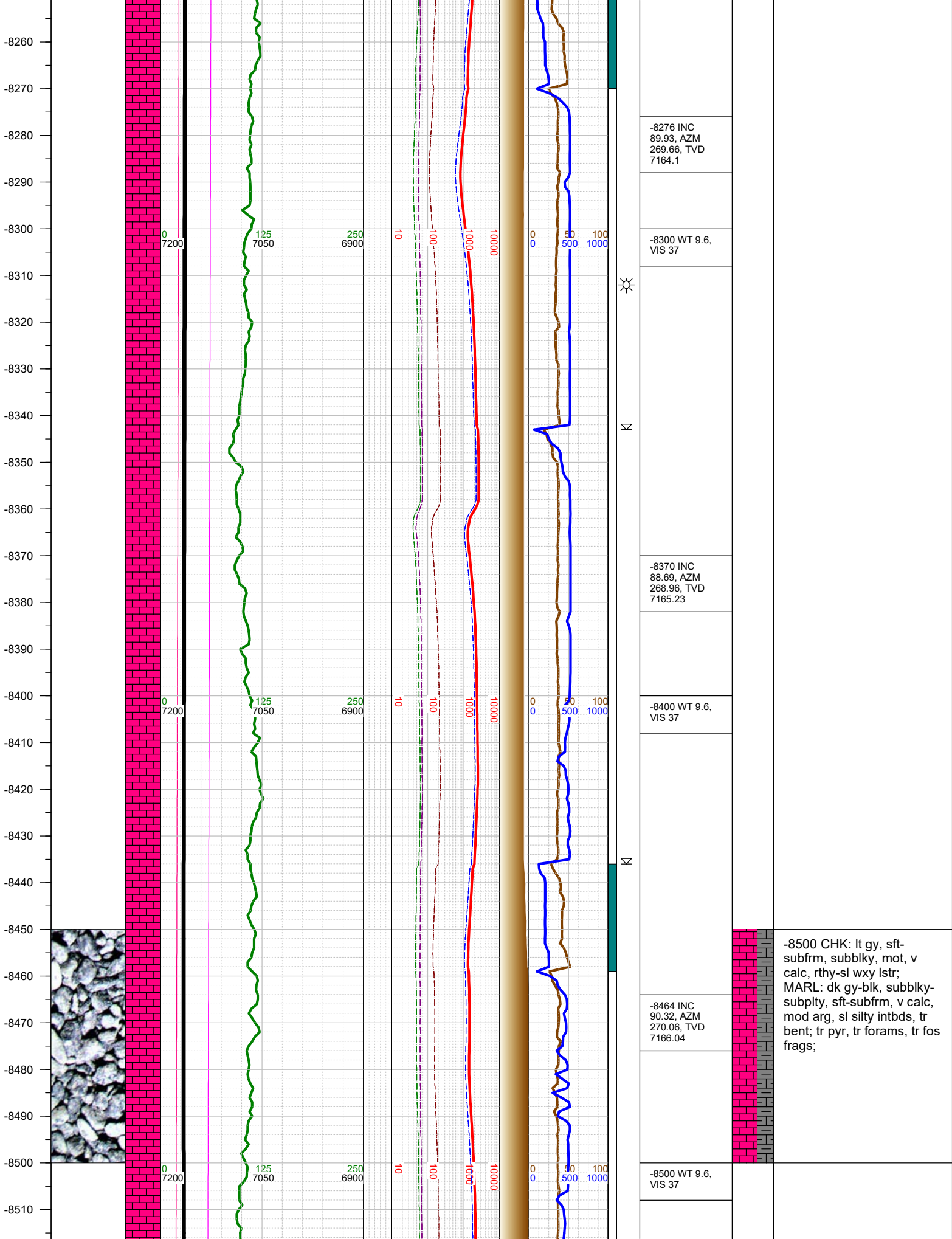




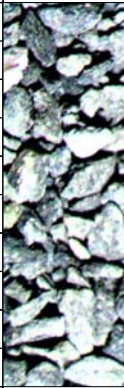
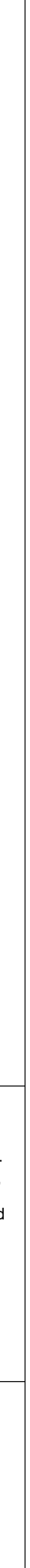
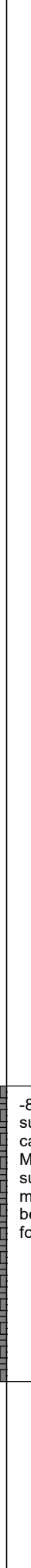
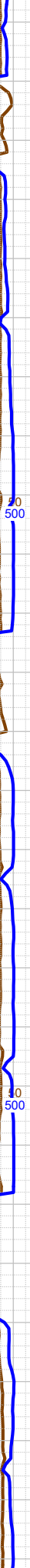
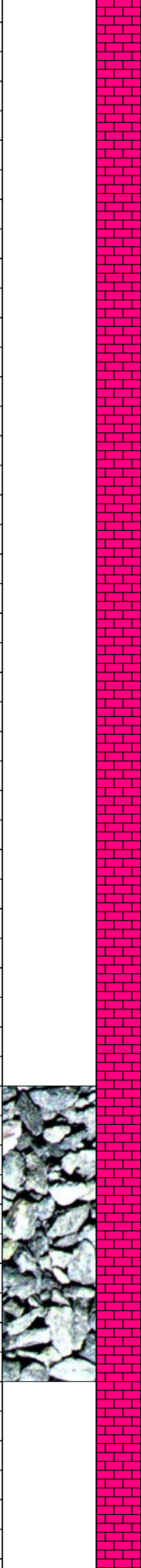








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-8558 INC
90.54, AZM
269.44, TVD
7165.34

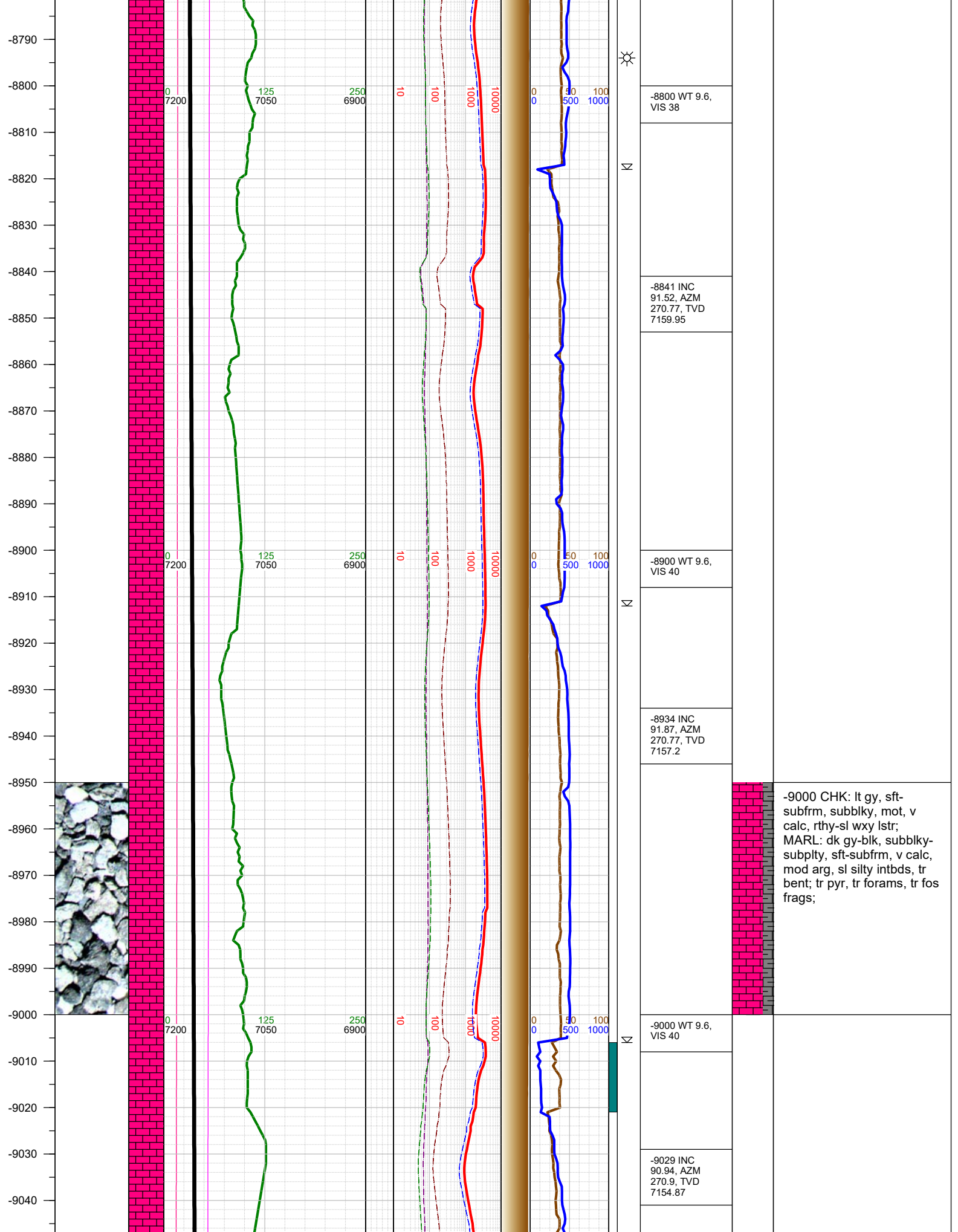
-8600 WT 9.6,
VIS 37

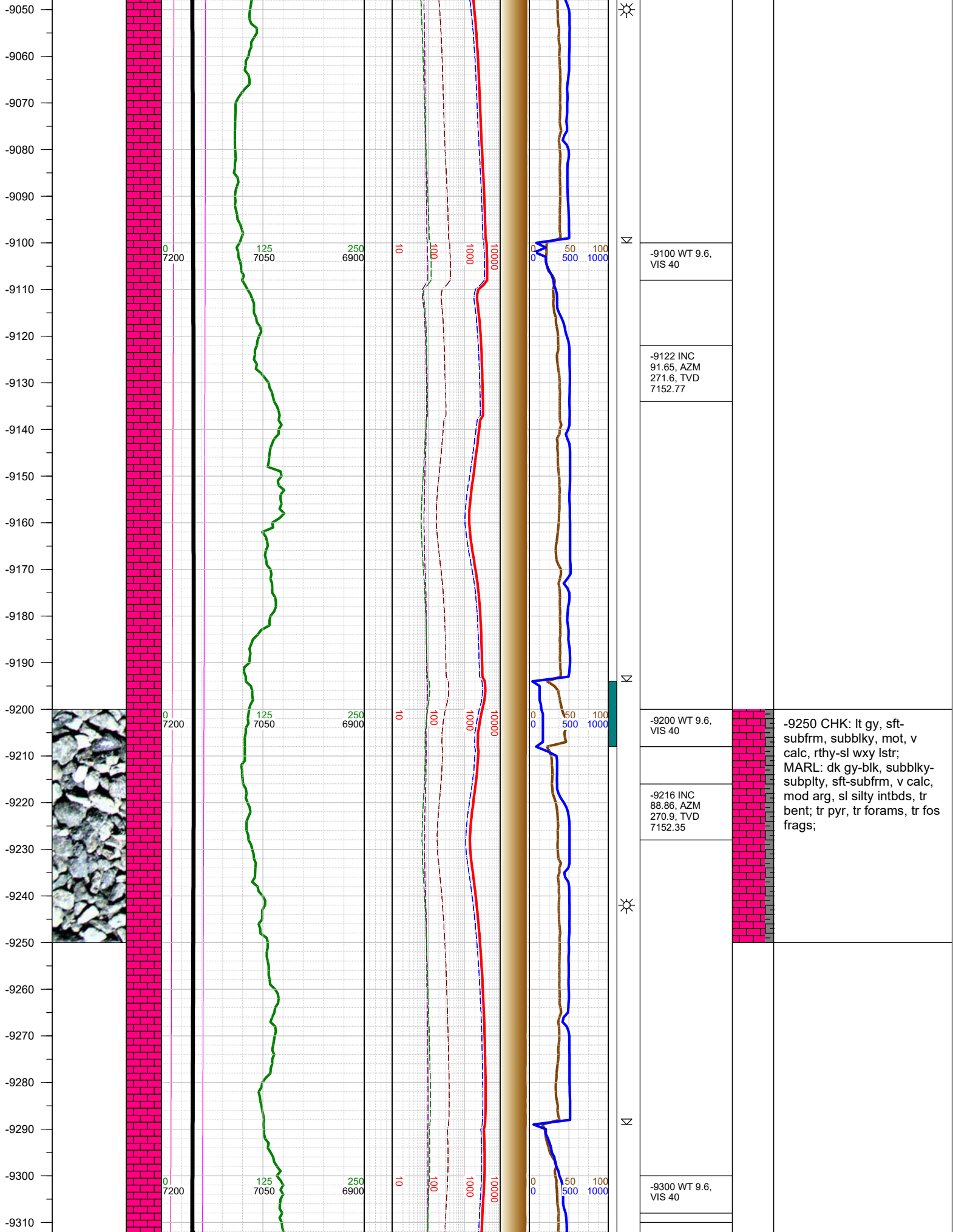
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90.99, AZM
271.51, TVD
7164.08

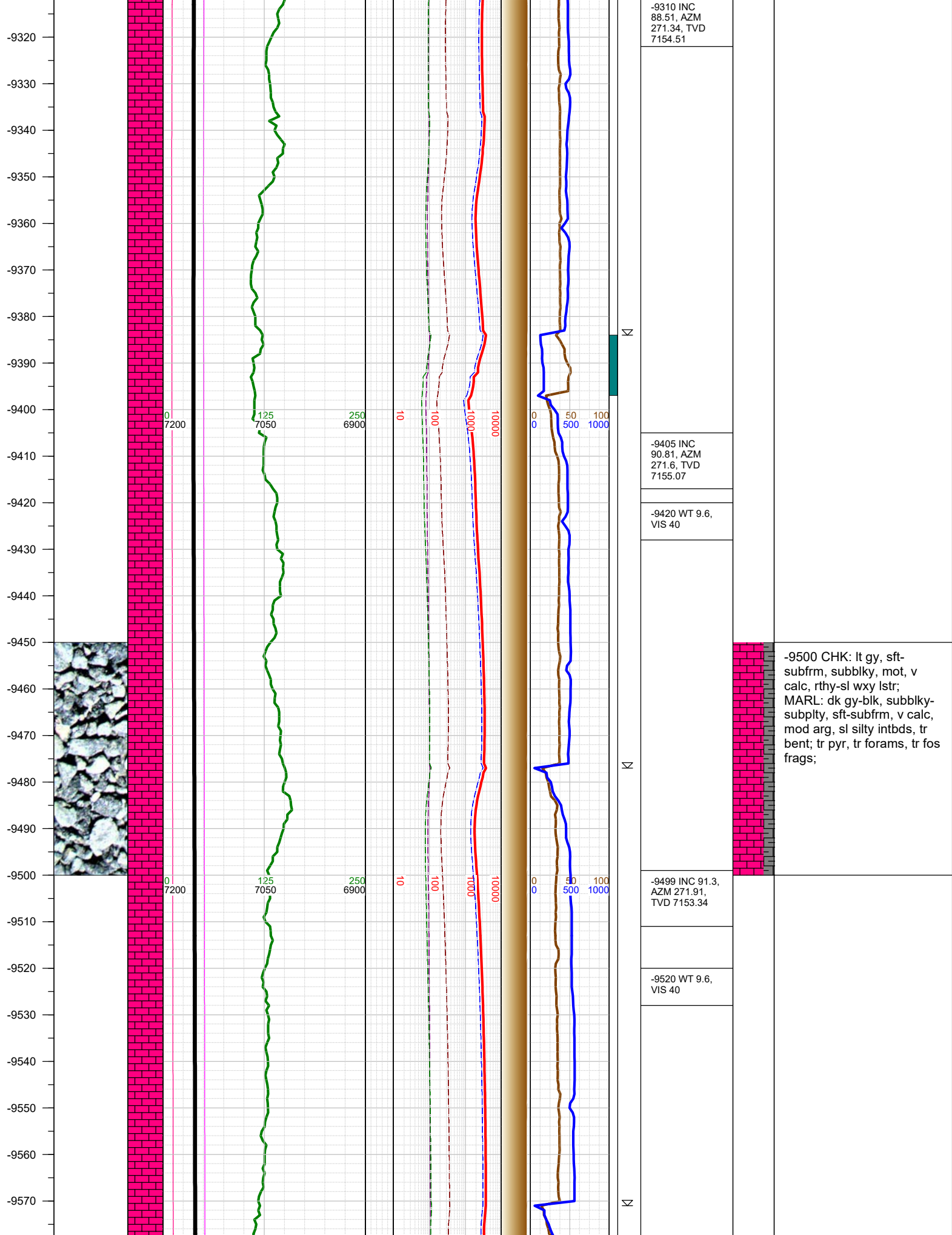
-8700 WT 9.6,
VIS 38

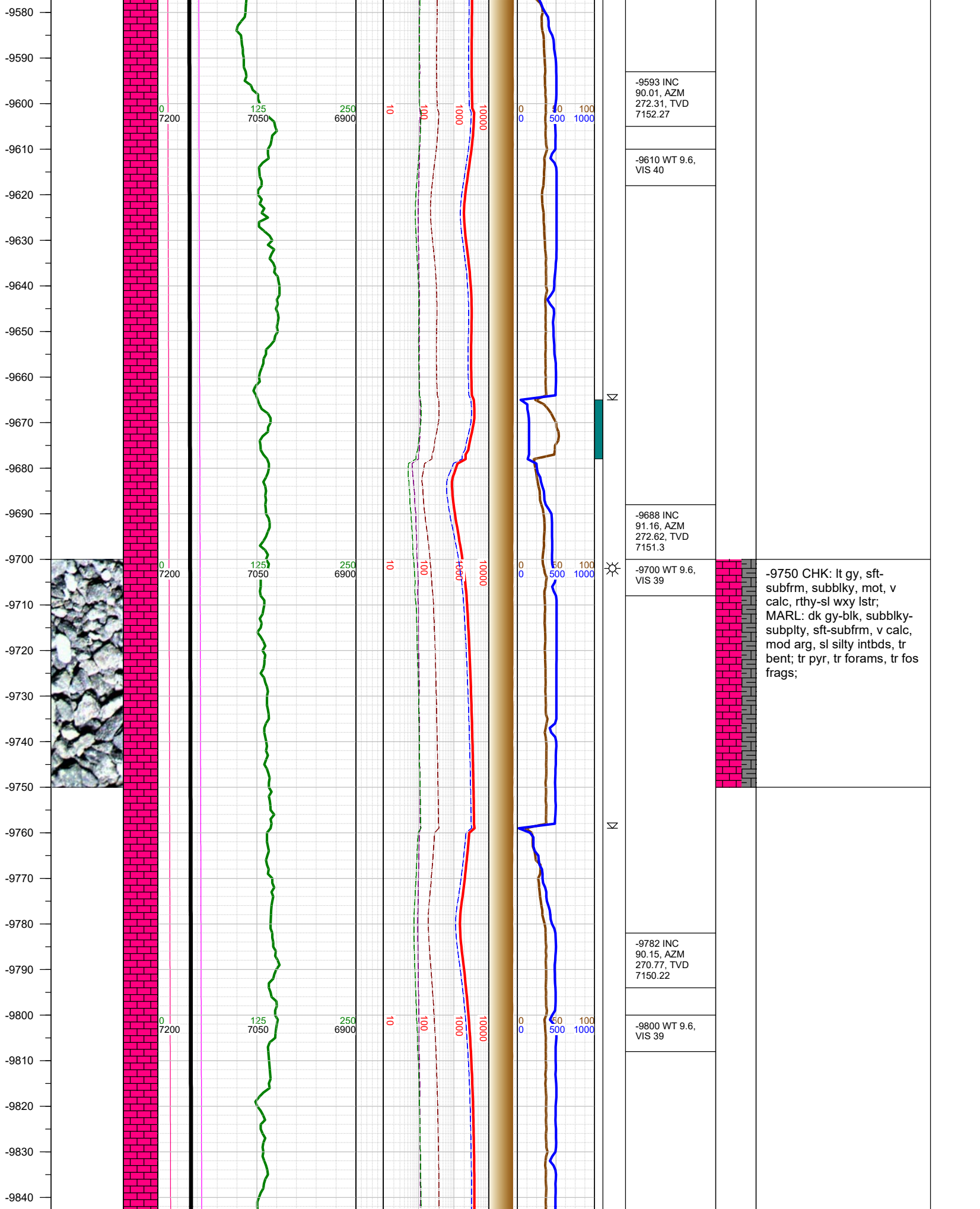
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91.25, AZM
270.63, TVD
7162.23

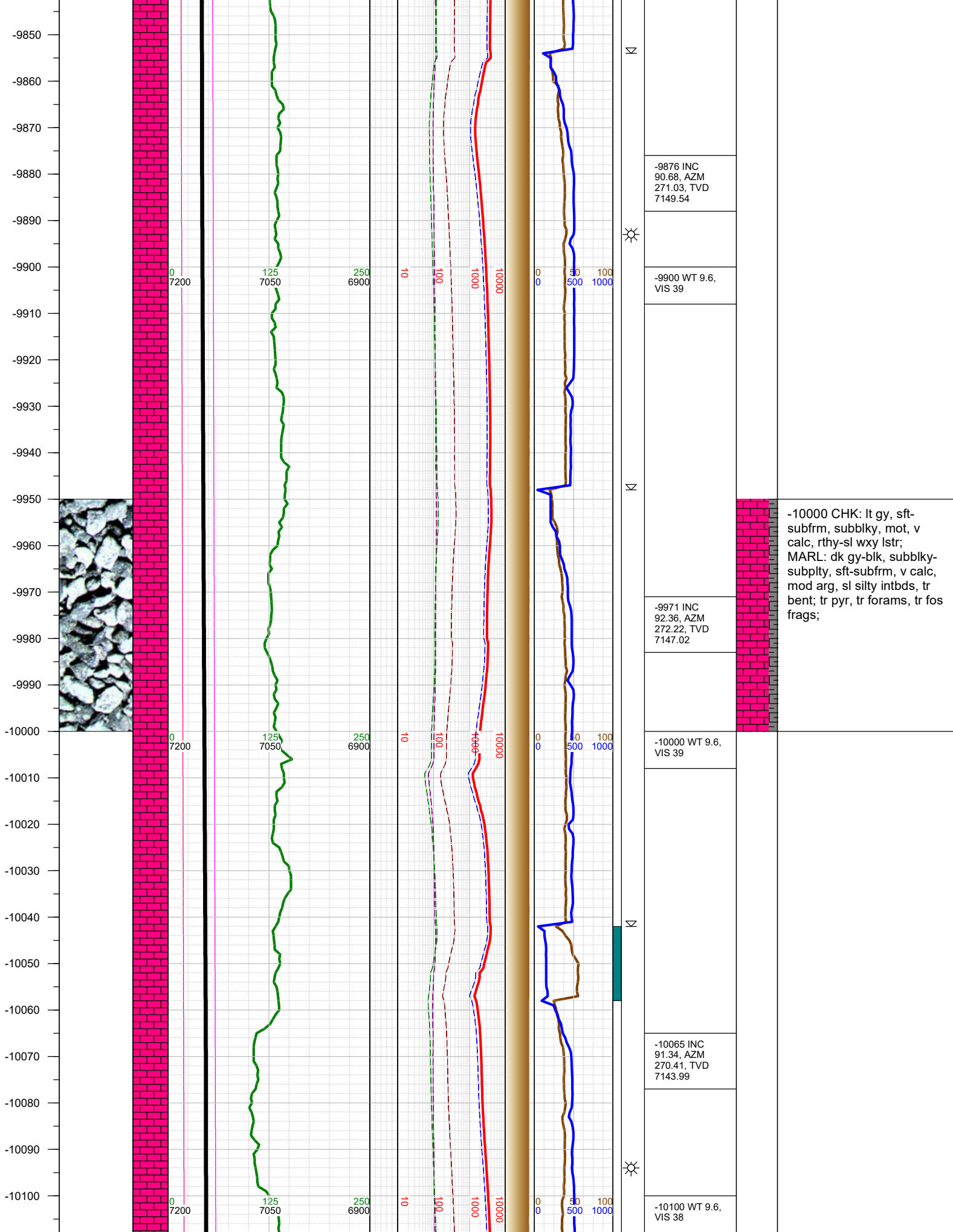
-8750 CHK: lt gy, sft-
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calc, rthy-sl wxy lstr;
MARL: dk gy-blk, subblky-
subply, sft-subfrm, v calc,
mod arg, sl silty intbds, tr
bent; tr pyr, tr forams, mod
fos frags;

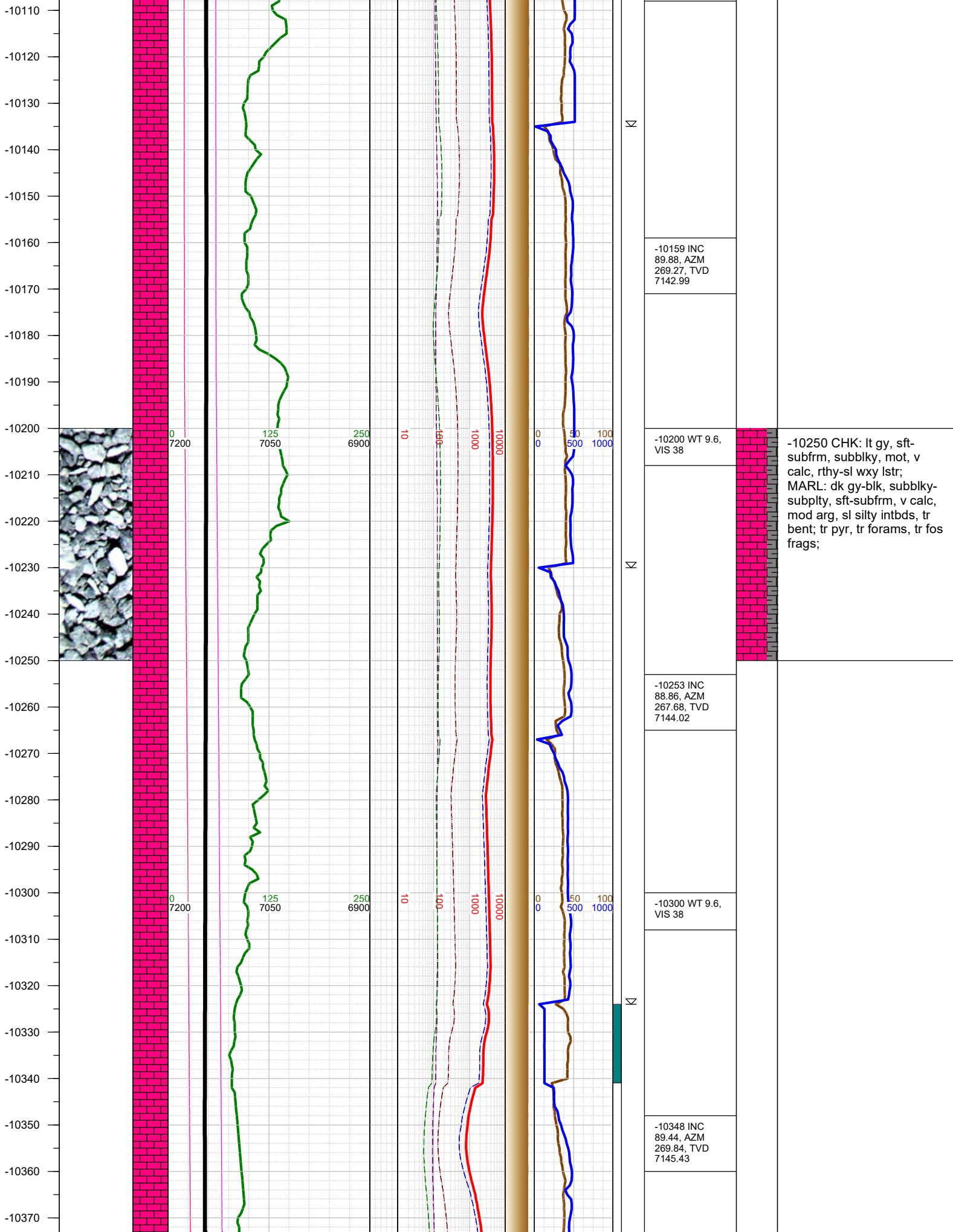


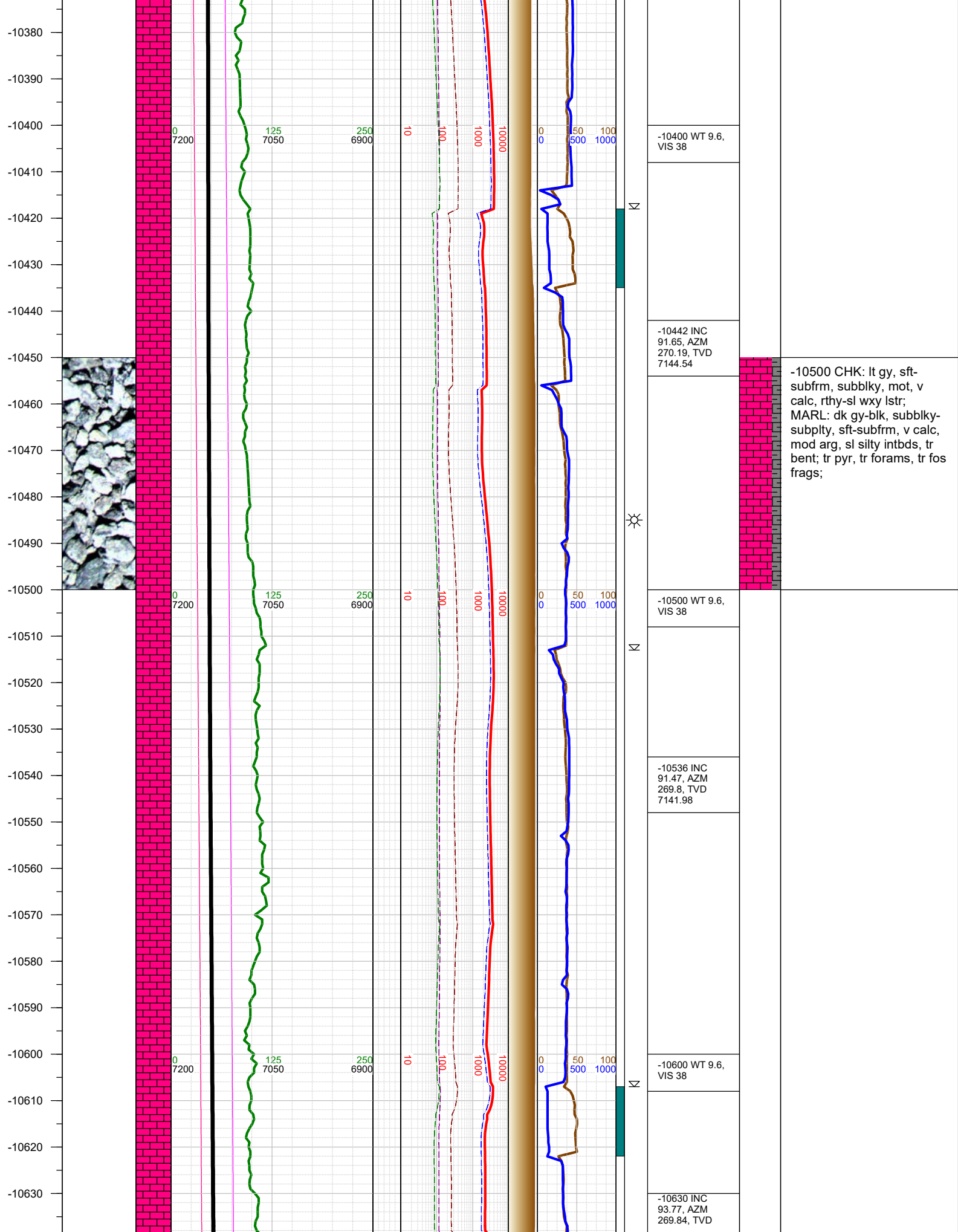


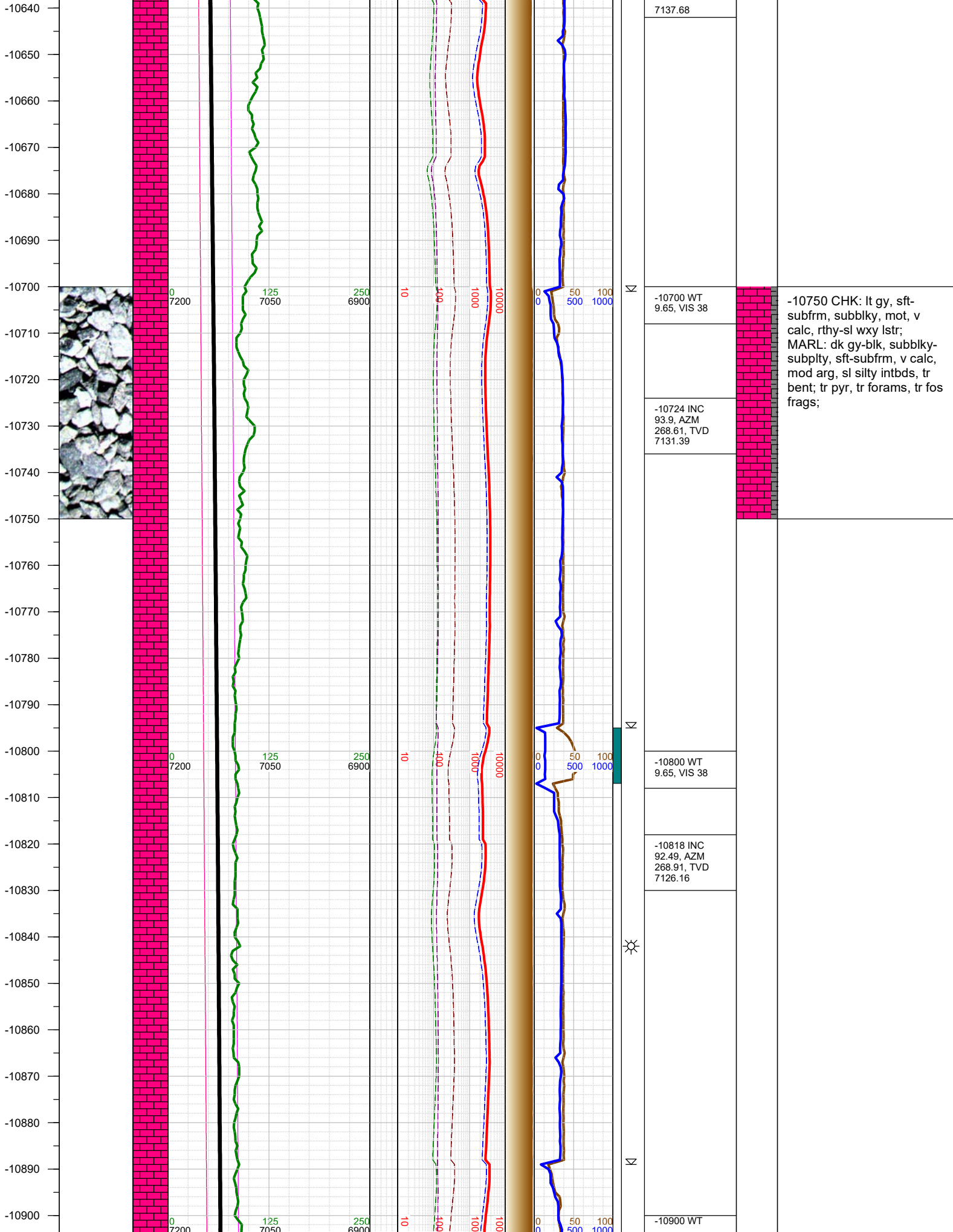


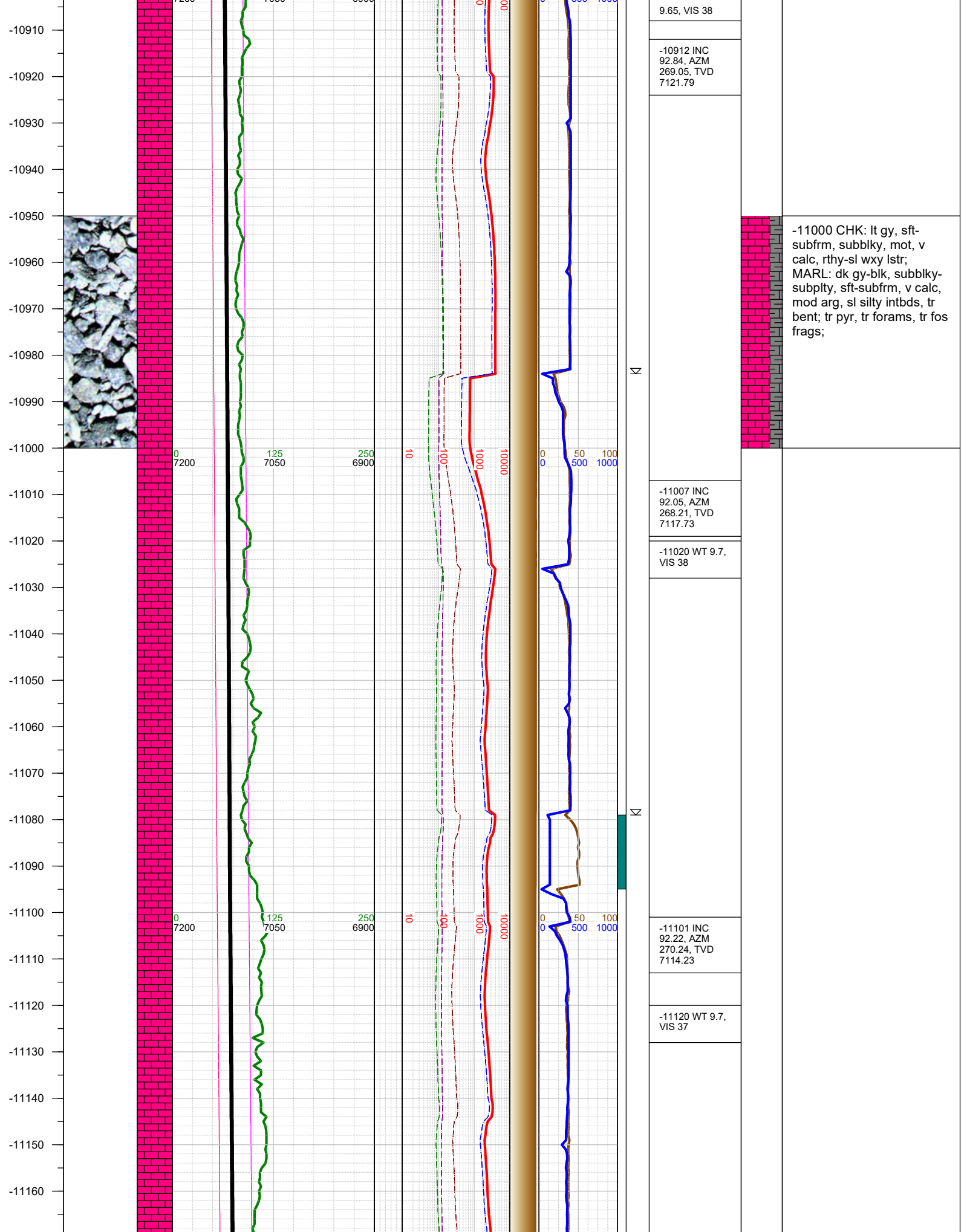


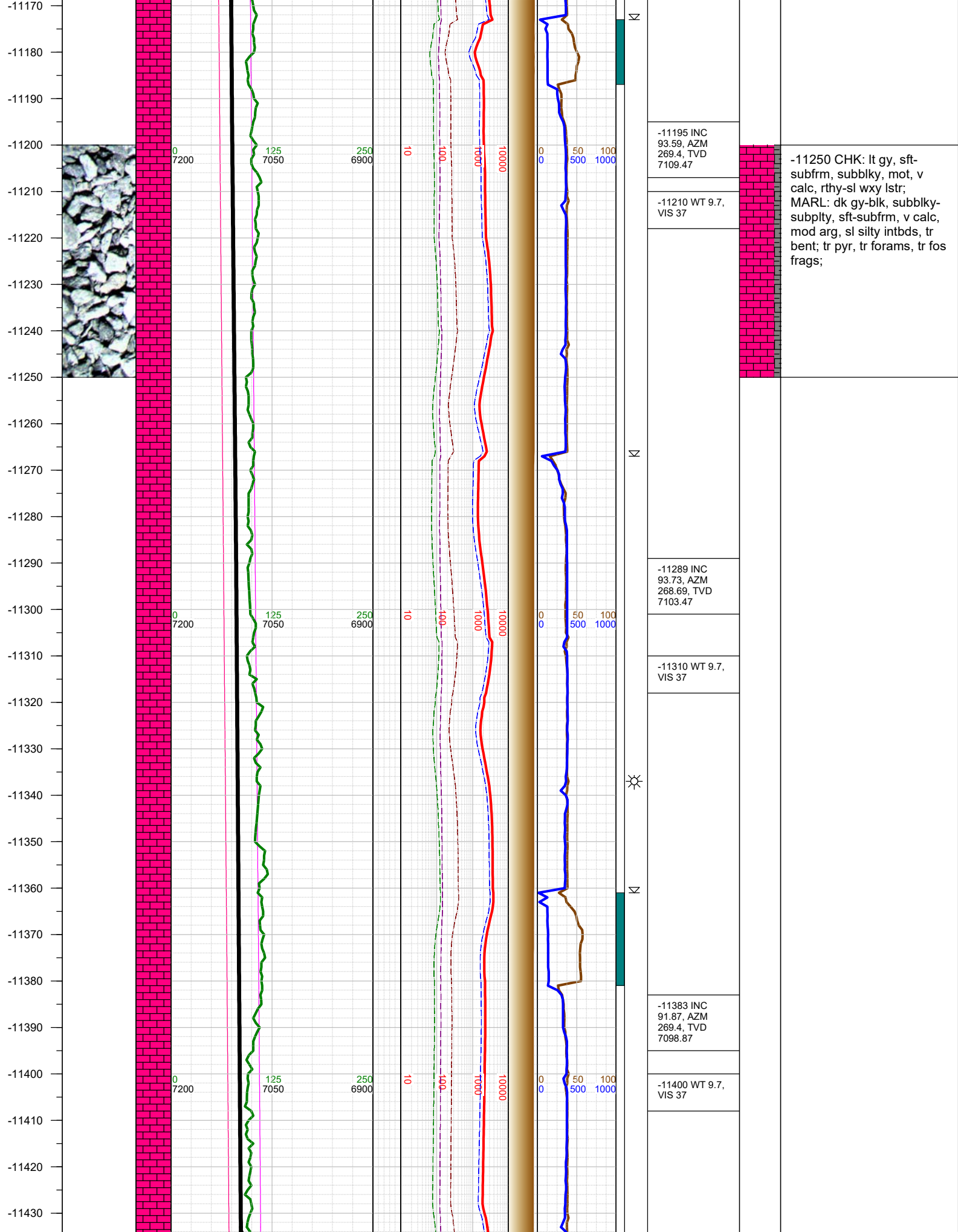




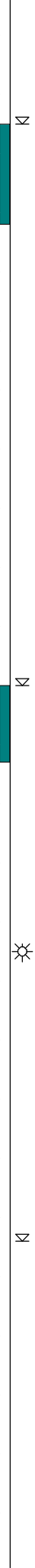
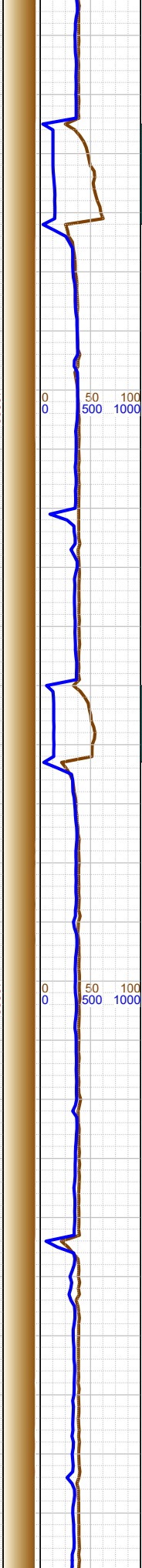
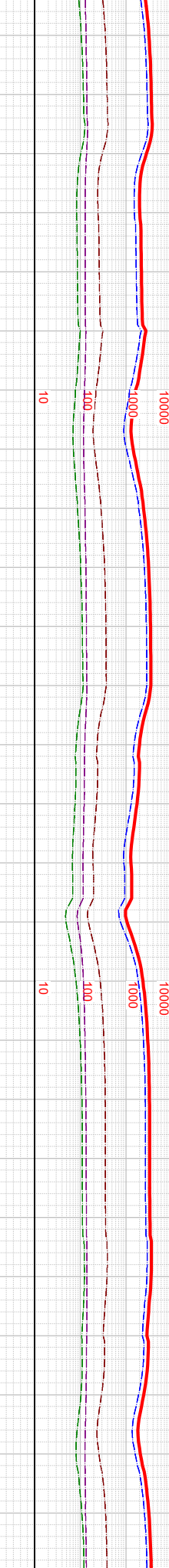
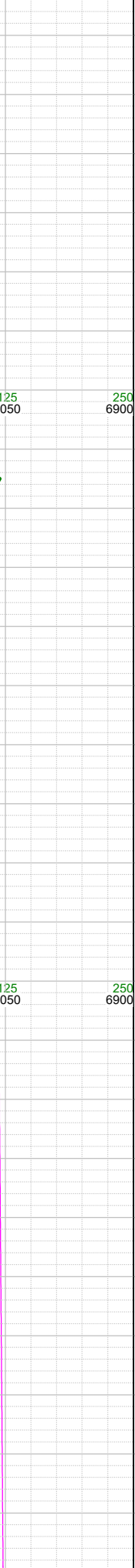
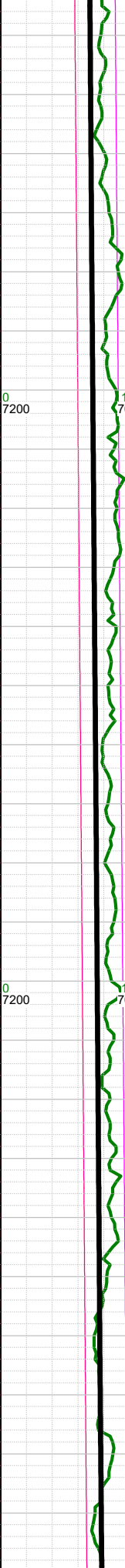
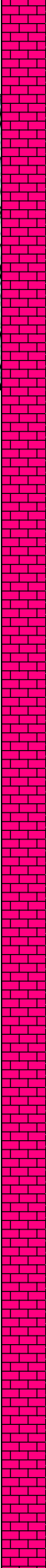
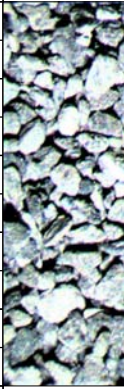




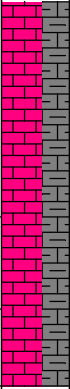




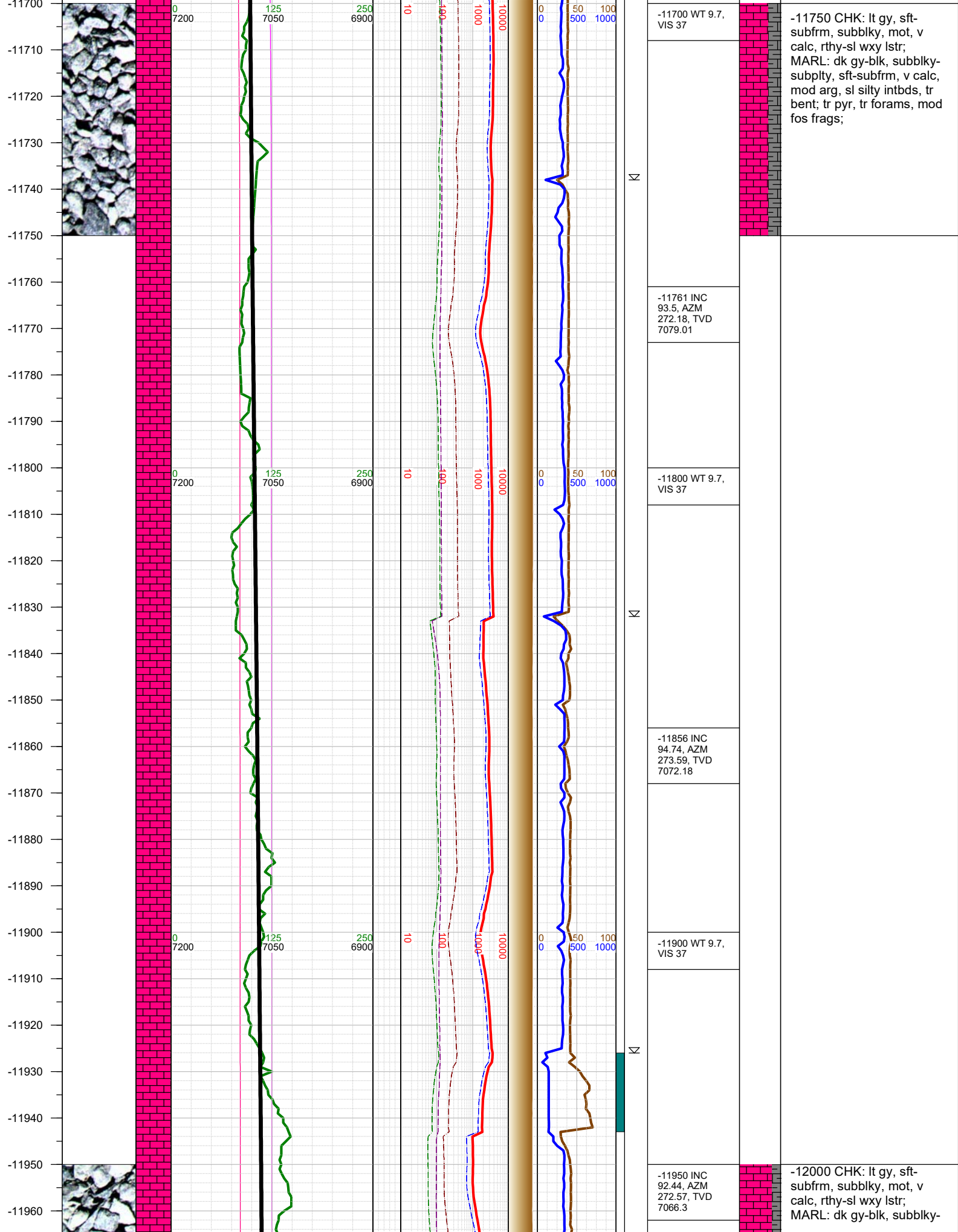
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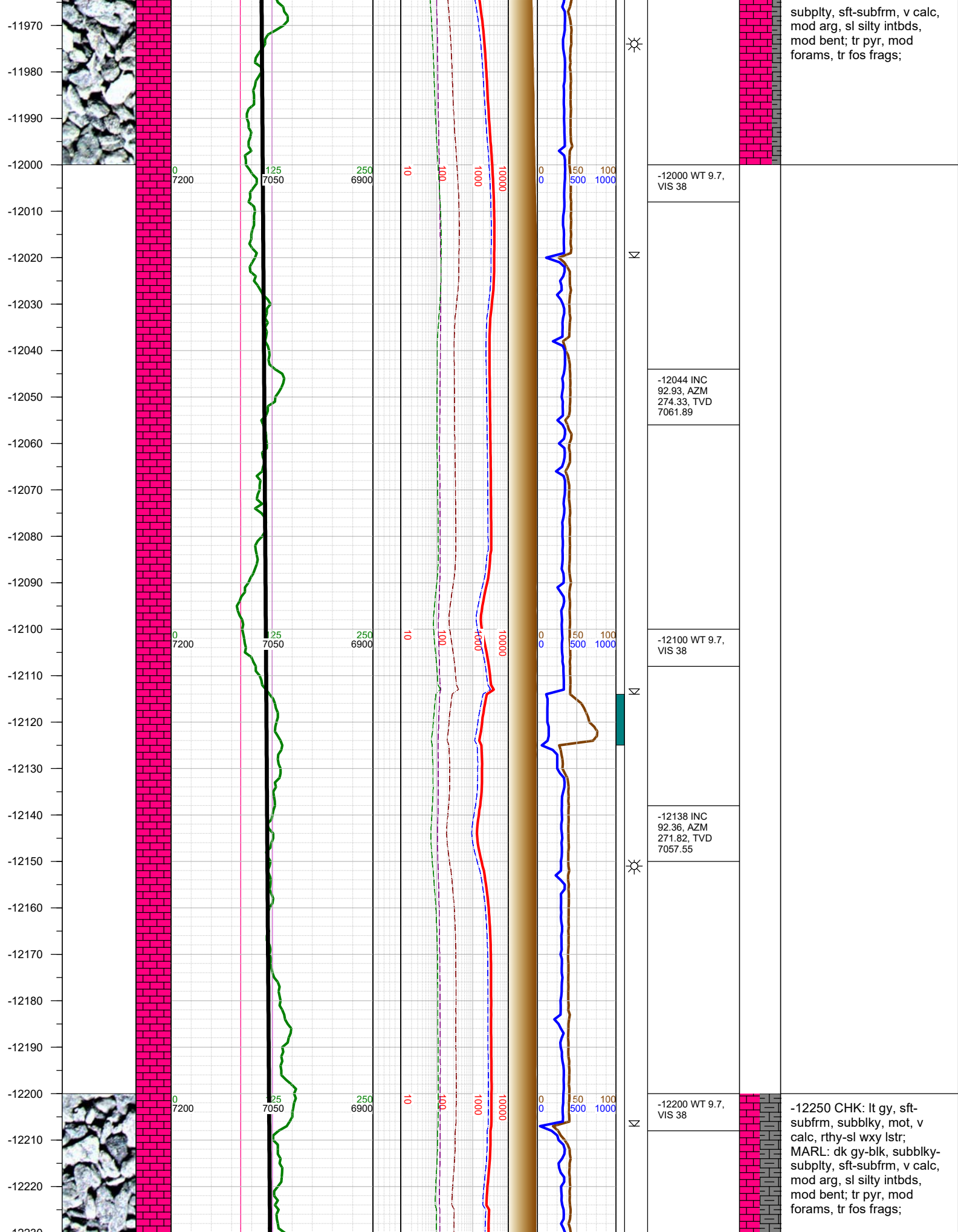


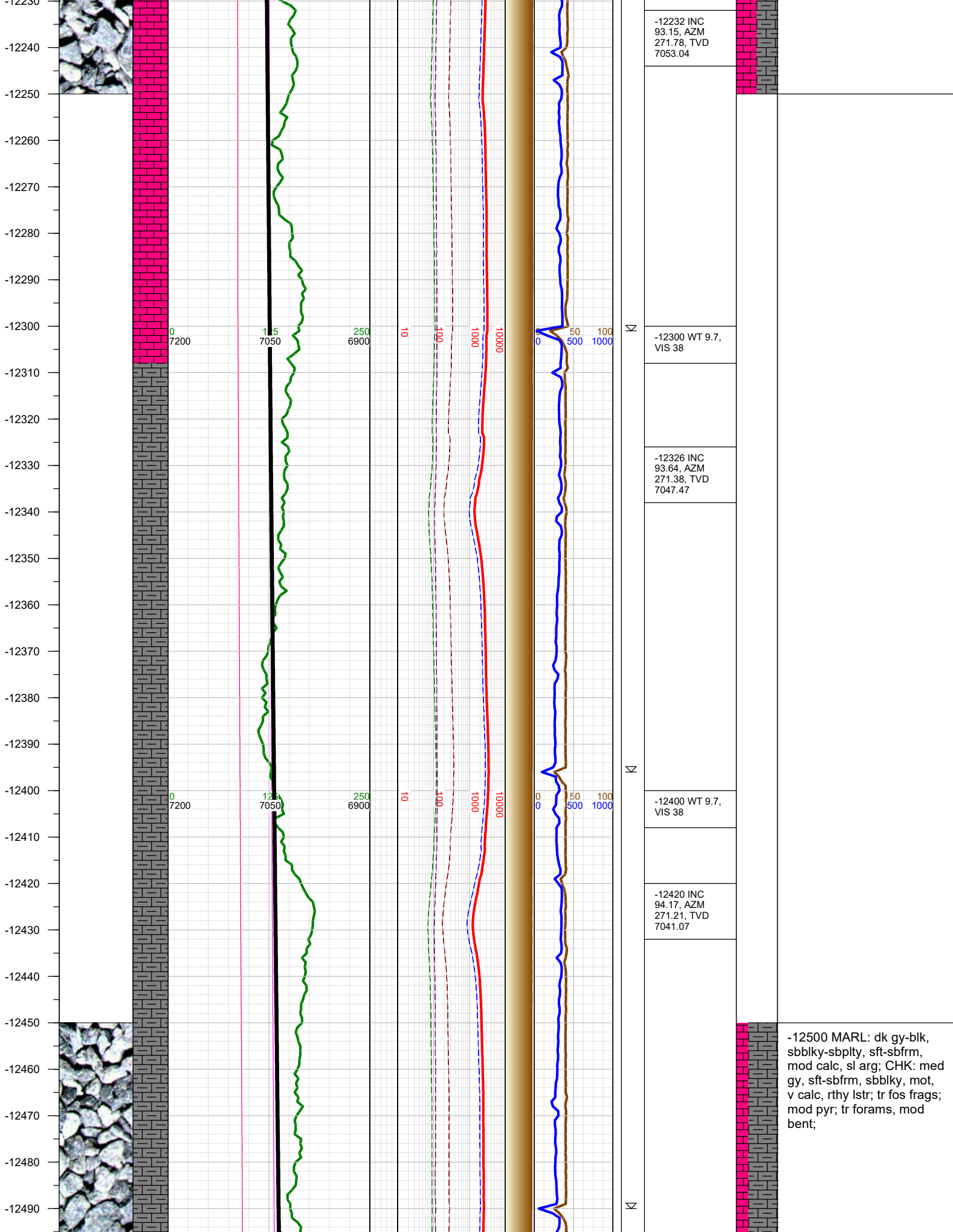
-11478 INC 93.73, AZM 271.07, TVD 7094.23	
-11500 WT 9.7, VIS 37	
-11572 INC 92.36, AZM 272.13, TVD 7089.24	
-11600 WT 9.7, VIS 37	
-11667 INC 93.28, AZM 273.54, TVD 7084.57	

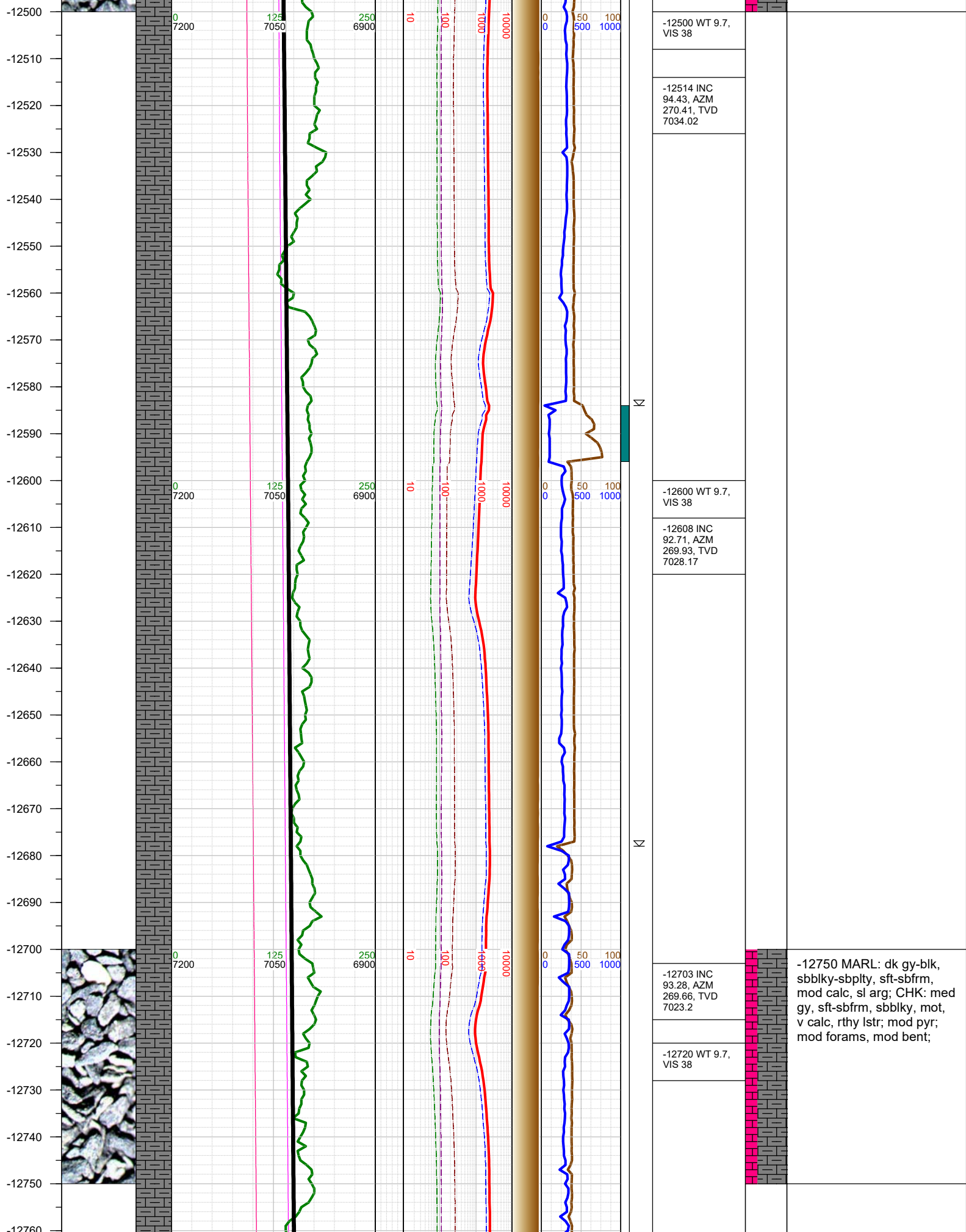


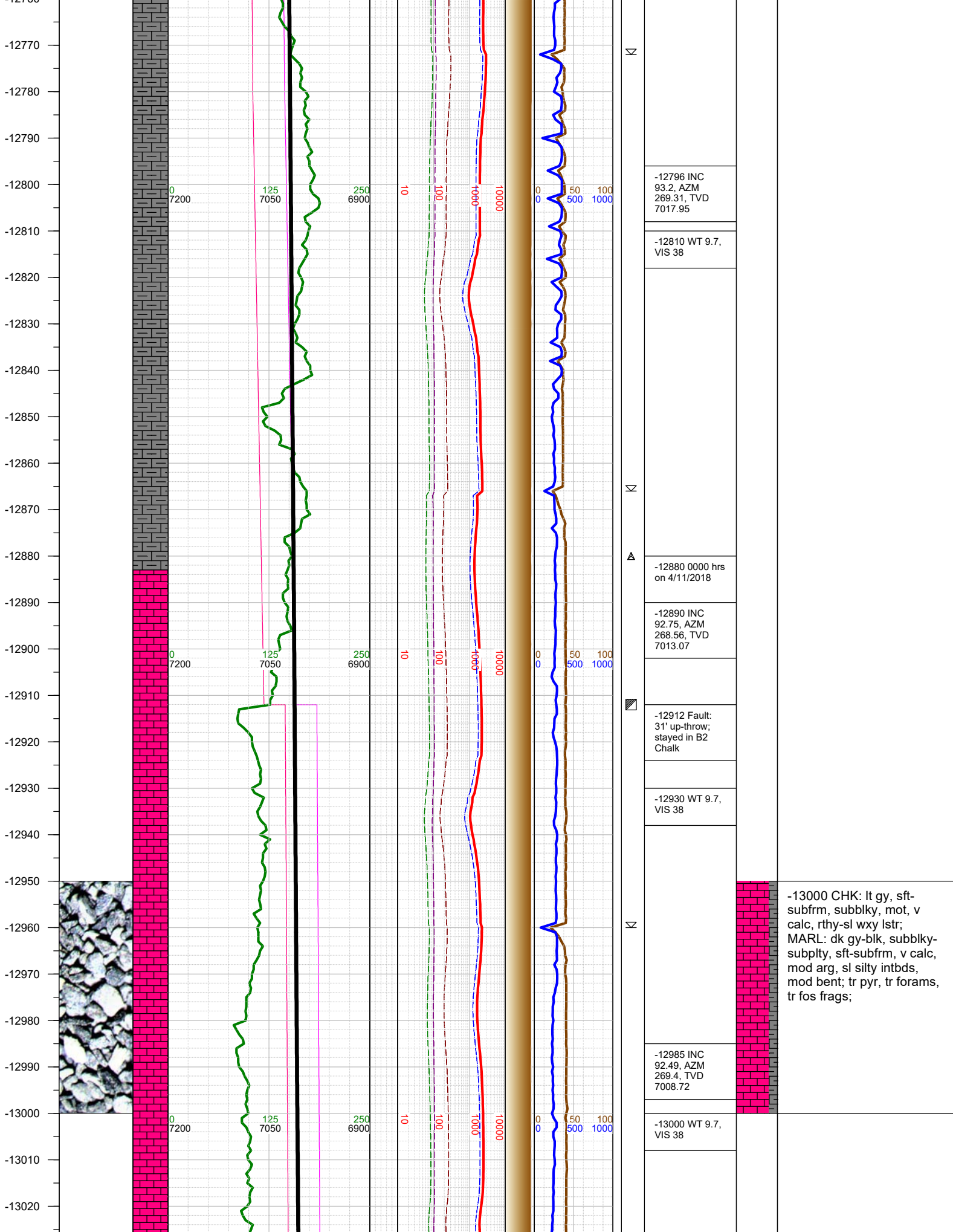
-11500 CHK: lt gy, sft-subfrm, subblky, mot, v calc, rthy-sl wxy lstr; MARL: dk gy-blk, subblky-subplty, sft-subfrm, v calc, mod arg, sl silty intbds, mod bent; tr pyr, freq forams, tr fos frags;



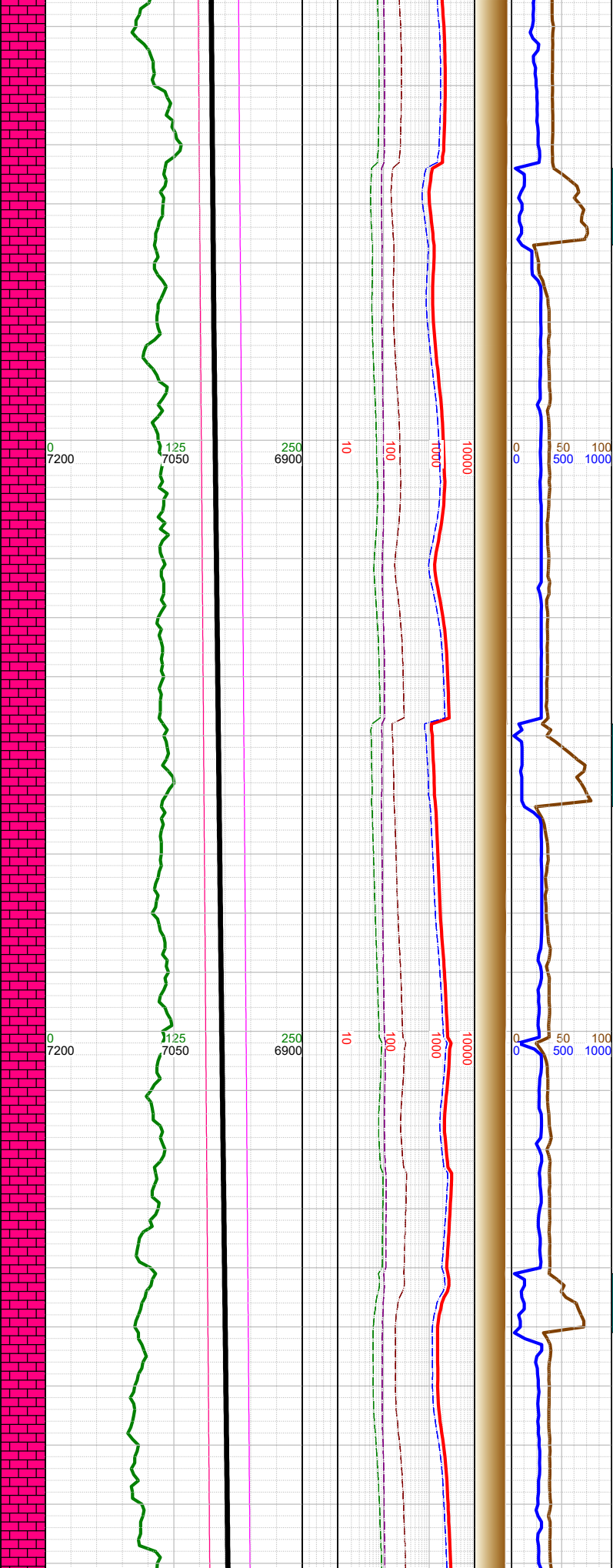
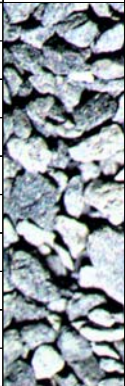








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-13079 INC
93.81, AZM
267.81, TVD
7003.56

-13100 WT 9.7,
VIS 38

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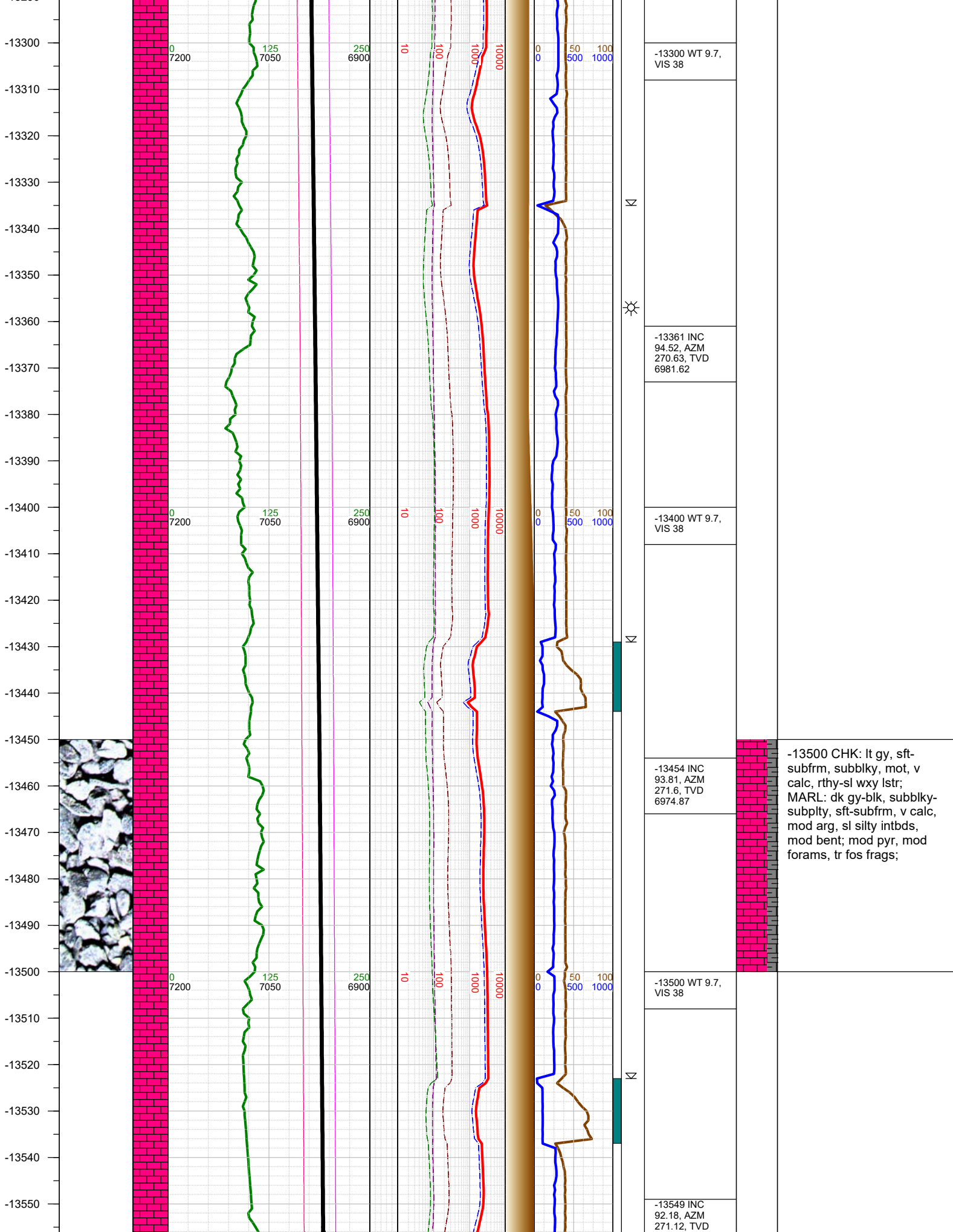
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94.92, AZM
271.03, TVD
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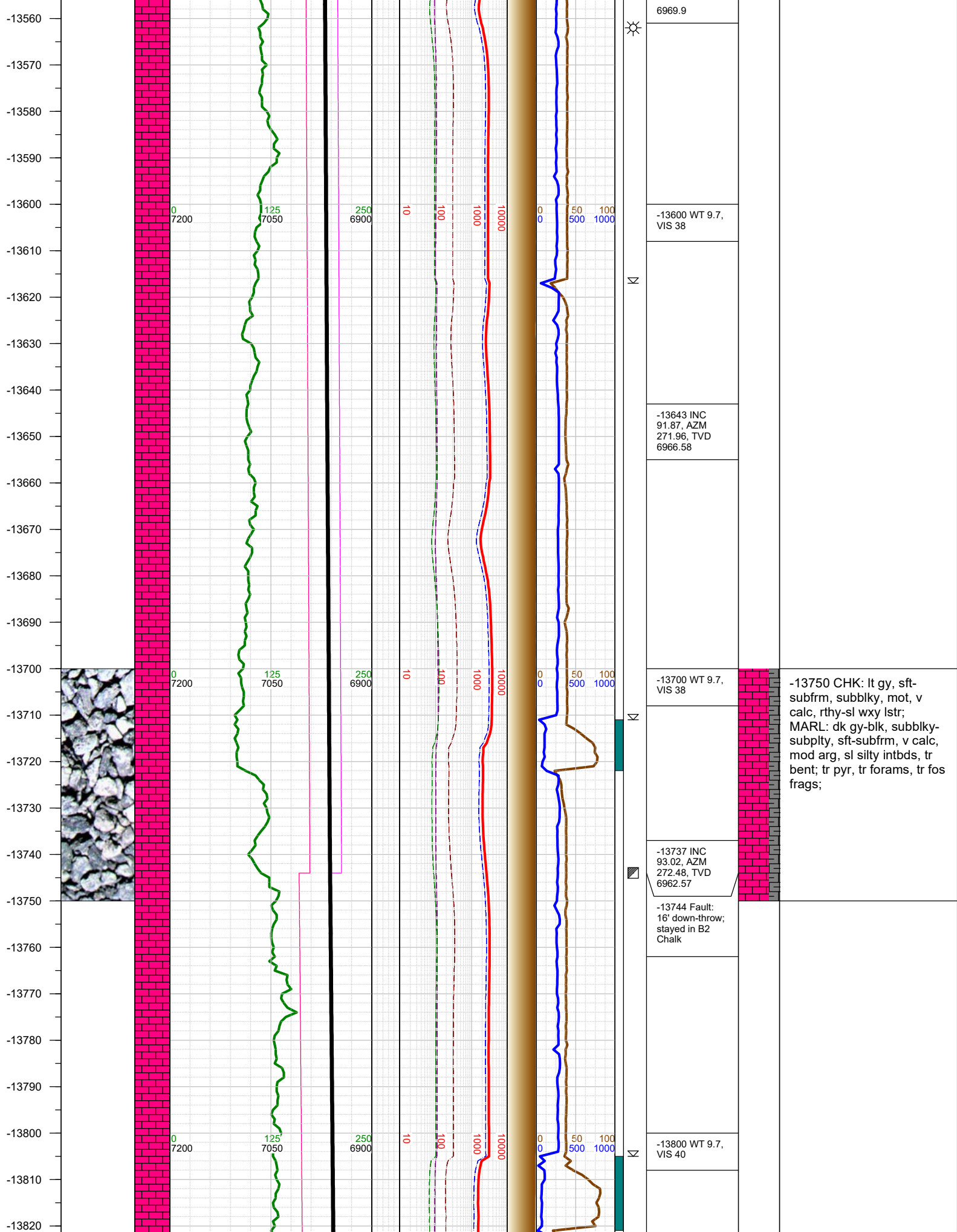
-13200 WT 9.7,
VIS 38

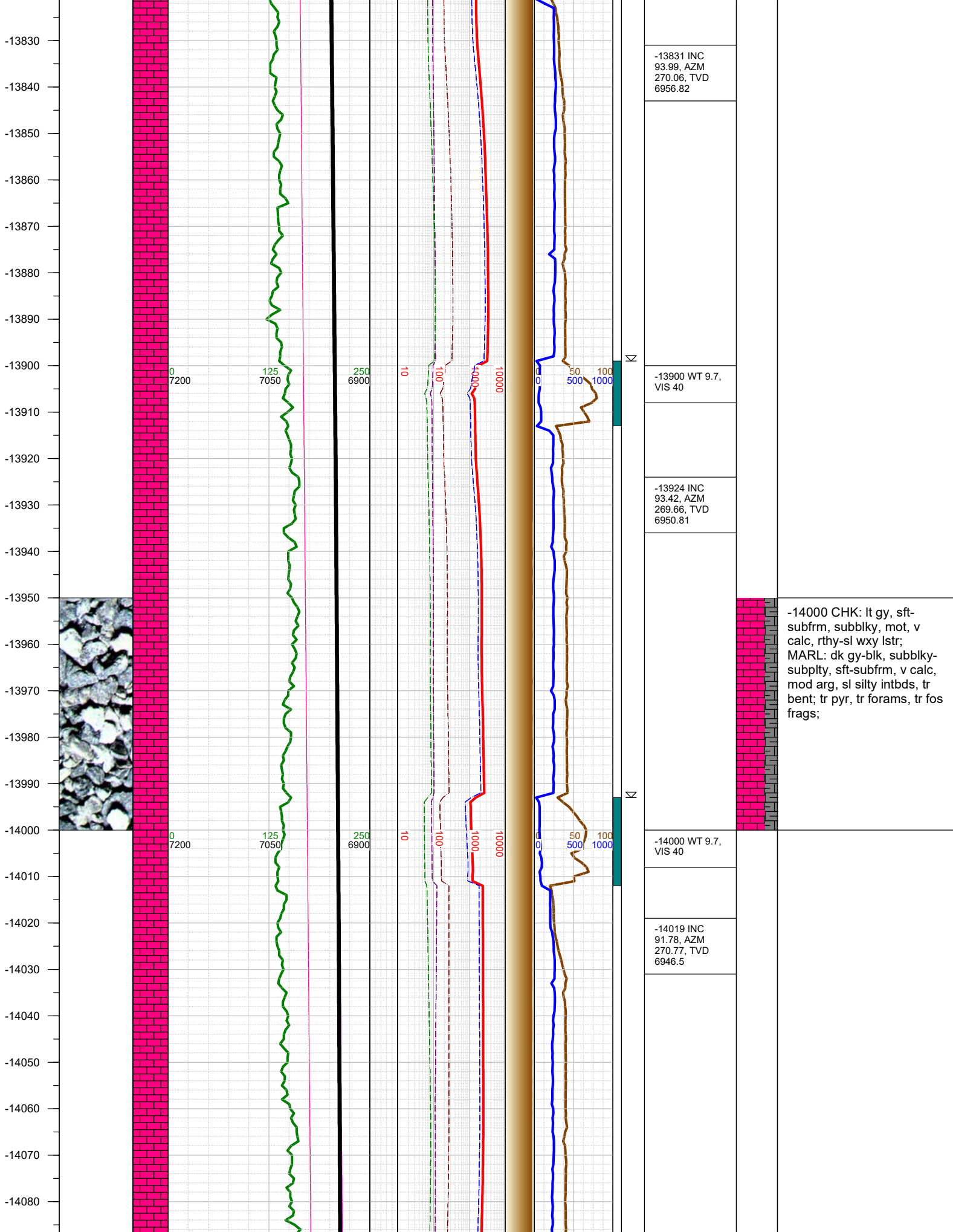
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-13267 INC
94.3, AZM
271.69, TVD
6988.85

-13250 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, mod bent; mod pyr, mod forams, tr fos frags;

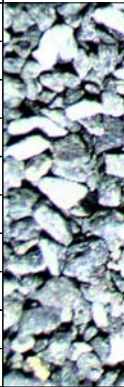






-14000 CHK: lt gy, sft-subfrm, subblky, mot, v calc, rthy-sl wxy lstr; MARL: dk gy-blk, subblky-subplty, sft-subfrm, v calc, mod arg, sl silty intbds, tr bent; tr pyr, tr forams, tr fos frags;

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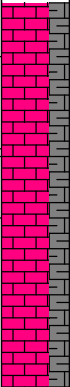
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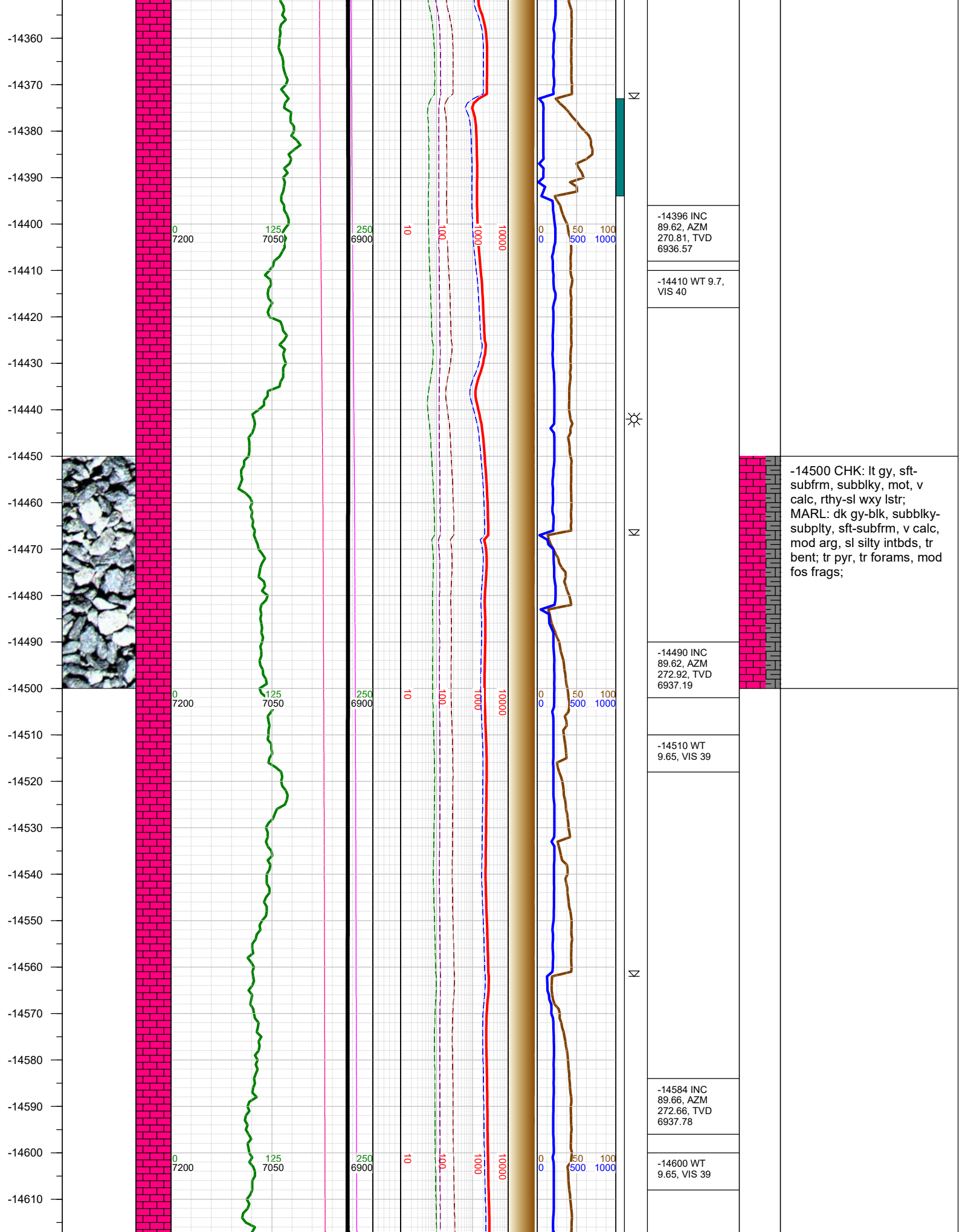
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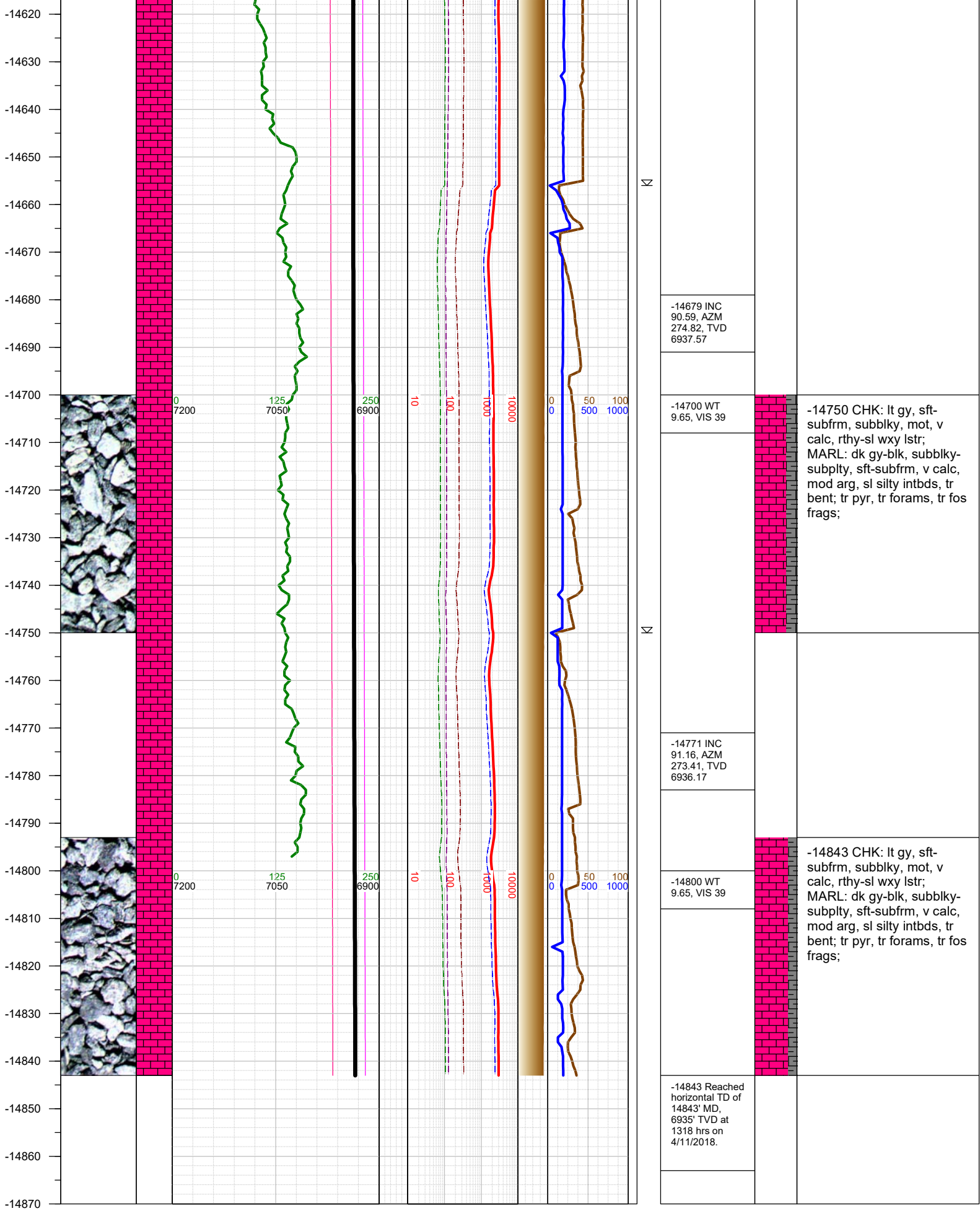
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-14100 WT 9.7, VIS 40
-14113 INC 91.91, AZM 271.69, TVD 6943.48
-14207 INC 91.34, AZM 269.53, TVD 6940.81
-14220 WT 9.7, VIS 40
-14302 INC 92.09, AZM 269.75, TVD 6937.97
-14320 WT 9.7, VIS 40



-14250 CHK: lt gy, sft-subfrm, subblky, mot, v calc, rthy-sl wxy lstr; MARL: dk gy-blk, subblky-subply, sft-subfrm, v calc, mod arg, sl silty intbds, tr bent; tr pyr, tr forams, mod fos frags;





TOTAL DEPTH = 14843'

Thank you for using Earth Science Agency