SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Hydrogeologic Investigation for the Kissimmee Basin Lower Floridan Aquifer Reconnaissance Project, Site B

Polk County, Florida
Technical Publication WS-33

Appendices

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February 2013

sfwmd.gov

TABLES

Table 1.	Well completion information, Site B.	15
Table 2.	Monitor intervals for dual-zone monitor well POF-27.	18
Table 3.	Monitor intervals for dual-zone monitor well POF-28.	21
Table 4.	Monitor interval for production test well POF-29.	25
Table 5.	Summary of the geophysical logging program at Site B.	45
Table 6.	Interval test water quality data, POF-28.	51
Table 7.	CRDT water quality data, POF-29.	51
Table 8.	Summary of packer test water quality data from shallow to deep, POF-27 and POF-28.	52
Table 9.	Summary of final completed interval water quality data.	53
Table 10.	Description of Frazee water types.	57
Table 11.	Water classification summary for the Site B samples.	58
Table 12.	Samples with parameters exceeding secondary drinking water standards.	59
Table 13.	Transmissivity estimations from specific capacity data.	60
Table 14.	Summary of analytical results from APT 1.	66
Table 15.	Summary of analytical results from APT 2.	70
Table 16.	Summary of analytical results from APT 3.	74
Table 17.	Summary of analytical results from APT 4.	82
Table 18.	Packer test depth summary.	83
Table 19.	Summary of packer test hydraulic data from POF-27.	85
Table 20.	Summary of packer test hydraulic data from POF-28.	87
Table 21.	Referenced water level data variation with depth, measured during construction of Site B.	88

APPENDICES

Appendix A.	**Well Construction Details**	**A-1**
Appendix B.	**Lithologic Description**	**B-1**
Appendix C.	**Geophysical Logs**	**C-1**
Appendix D.	**Aquifer Performance Test Data**	**D-1**
Appendix E.	**Final Survey and As-Built Drawings**	**E-1**
Appendix F.	**Down-hole Video**	**F-1**

Appendix A

Well	Date	Stage No.	Mix	Grouting Method	Casing Type	Casing Diameter [in]	Barrels	Cubic Feet	Sacks	Start Depth [ft]	Finish Depth [ft]	Comments
POF-27	17-May-11	1	Neat	Pressure	Steel	14	46.0	258.3	219	275	41	
POF-27	18-May-11	2	Neat	Tremie	Steel	14	15.0	84.2	71	41	0	
POF-27	28-Jun-11	1	2% CaSO4	Tremie	Steel	6	3.4	18.5	16	750	711.5	
POF-27	29-Jun-11	2	Neat	Tremie	Steel	6	33.2	186.5	158	711.5	520.3	
							POF-27 Total		**464**			
POF-28	30-Jul-11	1	Neat	Pressure	Steel	24	92.0	516.7	438	270	0	Pressure grout to surface
POF-28	23-Sep-11	1	Neat	Pressure	Steel	18	105.0	589.7	500	750	530	Left temporary annular zone monitor
POF-28	15-Feb-12	1	12% Bentonite	Tremie	Steel	18	175.0	982.8	429	540	375	Post-testing cementing of temporary annular zone
POF-28	16-Feb-12	2	12% Bentonite	Tremie	Steel	18	145.0	814.3	356	375	200	
POF-28	17-Feb-12	3	12% Bentonite	Tremie	Steel	18	42.0	235.9	103	200	0	
POF-28	31-Oct-11	1	Neat	Pressure	Steel	12	58.0	325.7	276	1295	1140	
POF-28	1-Nov-11	2	Neat	Tremie	Steel	12	33.0	185.3	157	1140	1020	
POF-28	2-Nov-11	3	6% Bentonite	Tremie	Steel	12	79.0	443.7	256	1020	768	
POF-28	3-Nov-11	4	6% Bentonite	Tremie	Steel	12	15.0	84.2	49	768	720	
POF-28	26-Jan-12	1	Neat	Tremie	FRP	5	3.0	16.8	14	1950	1945	25 gal. pea gravel and 10 gal. silica sand before cement, 1 sack of calcium chloride with cement
POF-28	26-Jan-12	2	Neat	Tremie	FRP	5	6.0	33.7	29	1945	1935	
POF-28	27-Jan-12	3	Neat	Tremie	FRP	5	27.0	151.6	129	1935	1790	
POF-28	27-Jan-12	4	Neat	Tremie	FRP	5	14.0	78.6	67	1790	1726	added 3 sacks calcium chloride
POF-28	27-Jan-12	5	Neat	Tremie	FRP	5	5.0	28.1	24	1726	1683	
							POF-28 Total		**2392**			
POF-29	6-Oct-11	1	Neat	Pressure	Steel	24	61.0	342.6	290	306	65	
POF-29	7-Oct-11	2	6% Bentonite	Pressure	Steel	24	58.0	325.7	188	65	0	
POF-29	14-Jan-12	1	Neat	Pressure	Steel	18	66.0	370.7	214	1350	1160	
POF-29	16-Jan-12	2	Neat	tremie	Steel	18	16.0	89.9	52	1160	1120	
POF-29	16-Jan-12	3	Neat	tremie	Steel	18	16.0	89.9	52	1120	1100	
POF-29	14-Feb-12	1	12% Bentonite	tremie	Steel	18	103.0	578.4	253	1100	890	Post-testing cementing of temporary annular zone
POF-29	15-Feb-12	2	12% Bentonite	tremie	Steel	18	167.0	937.9	410	890	680	
POF-29	16-Feb-12	3	12% Bentonite	tremie	Steel	18	185.0	1039.0	454	680	460	
POF-29	17-Feb-12	4	12% Bentonite	tremie	Steel	18	105.0	589.7	258	460	95	
POF-29	18-Feb-12	5	12% Bentonite	tremie	Steel	18	70.0	393.1	172	95	0	
							POF-29 Total		**2342**			

Well	Date	Stage No.	Mix	Grouting Method	Casing Type	Diameter [in]	Weight [lb/gal]	Barrels	Cubic Feet	Sacks	Start Depth [ft]	Finish Depth [ft]	Comments
POF-27	17-May-11	1	Neat	Pressure	Steel	14	14.9	46.00	258.3	219	275	41	
POF-27	18-May-11	2	Neat	Tremie	Steel	14		15.00	84.2	71	41	0	
							sub-total	61.00	342.6	**290**			
POF-27	28-Jun-11	1	2% CaSO4	Tremie	Steel	6		3.36	18.5	16	750	711.5	
POF-27	29-Jun-11	2	Neat	Tremie	Steel	6		33.20	186.5	158	711.5	520.3	
							sub-total	36.56	205.0	**174**			
								POF-27 Total		**464**			
POF-28	30-Jul-11	1	Neat	Pressure	Steel	24	*sub-total*	92.00	516.7	***438***	270	0	Pressure grout to surface
POF-28	23-Sep-11	1	Neat	Pressure	Steel	18		105.00	589.7	***500***	750	530	Left temporary annular zone monitor
POF-28	15-Feb-12		12% Bentonite	Tremie	Steel	18		175.00	982.8	429	540	375	
POF-28	16-Feb-12		12% Bentonite	Tremie	Steel	18		145.00	814.3	356	375	200	Post-testing cementing of temporary annular zone
POF-28	17-Feb-12		12% Bentonite	Tremie	Steel	18		42.00	235.9	103	200	0	
							sub-total	*362.00*	*2032.99*	***888***			
POF-28	31-Oct-11	1	Neat	Pressure	Steel	12	15	58.00	325.7	276	1295	1140	
POF-28	1-Nov-11	2	Neat	Tremie	Steel	12	15	33.00	185.3	157	1140	1020	
POF-28	2-Nov-11	3	6% Bentonite	Tremie	Steel	12		79.00	443.7	256	1020	768	
POF-28	3-Nov-11	4	6% Bentonite	Tremie	Steel	12		15.00	84.2	49	768	720	
							sub-total	*185.00*	*527.90*	***305***			
POF-28	26-Jan-12	1	Neat	Tremie	FRP	5	15.6	3.00	16.8	14	1950	1945	25 gal. pea gravel and 10 gal. silica sand before cement, 1 sack of calcium chloride with cement
POF-28	26-Jan-12	2	Neat	Tremie	FRP	5	15.6	6.00	33.7	29	1945	1935	
POF-28	27-Jan-12	3	Neat	Tremie	FRP	5	15	27.00	151.6	129	1935	1790	
POF-28	27-Jan-12	4	Neat	Tremie	FRP	5	15	14.00	78.6	67	1790	1726	added 3 sacks calcium chloride
POF-28	27-Jan-12	5	Neat	Tremie	FRP	5	ND	5.00	28.1	24	1726	1683	
							sub-total	*55.00*	*308.88*	***262***			
							POF-28 Total			**2392**			
POF-29		1	Neat	Pressure	Steel	24		61.00	342.6	290	306	65	
POF-29		2	Neat	Pressure	Steel	24		58.00	325.7	188	65	0	
							sub-total	*119.00*	*668.3*	*479*			
POF-29	1/14/2012	1	Neat	Pressure	Steel	18	15.2	66.00	370.7	214	1350	1160	
POF-29	1/16/2012	2	Neat	tremie	Steel	18	15.2	16.00	89.9	52	1160	1120	
POF-29	1/16/2012	3	Neat	tremie	Steel	18	15.2	16.00	89.9	52	1120	1100	
							sub-total	**98.00**	**550.37**	**318**			
POF-29	2/14/2012		12% Bentonite	tremie	Steel	18		103.00	578.4	253	1100	890	
POF-29	2/15/2012		12% Bentonite	tremie	Steel	18		167.00	937.9	410	890	680	
POF-29	2/16/2012		12% Bentonite	tremie	Steel	18		185.00	1039.0	454	680	460	Post-testing cementing of temporary annular zone
POF-29	2/17/2012		12% Bentonite	tremie	Steel	18		105.00	589.7	258	460	95	
POF-29	2/18/2012		12% Bentonite	tremie	Steel	18		70.00	393.1	172	95	0	
							sub-total	**630.00**	**3538.08**	**1545**			
							POF-29 Total			**2342**			

From	To	Activity
31-Mar-11	4-May-11	AWE Mobilization and Site Preparation
5-May-11	10-May-11	POF-27: Pilot Hole Drilling - 8-inch diameter Mud Rotary (0 - 350 ft bls) and checked deviation
11-May-11		POF-27: Geophysical Logging: Formation evaluation logs (0 - 350 ft bls)
12-May-11	14-May-11	POF-27: Ream 19-inch borehole (30 - 275 ft bls)
16-May-11	18-May-11	POF-27: Geophysical Logging: XY Caliper and Dual Induction logs to 275 ft bls on reamed borehole. Install 14-inch steel casing from (0 - 275 ft bls), and grout to surface
19-May-11	23-May-11	POF-27: Re-configure rig and discharge facilities for reverse-air drilling
24-May-11	3-Jun-11	POF-27: Pilot Hole Drilling: 8-inch diameter Reverse Air (350 to 1400 ft bls). Total depth 1330 ft bls.
4-Jun-11		POF-28: Installed 40 ft of 30-inch surface casing.
6-Jun-11		POF-27: Recommenced Pilot Hole Drilling: 8-inch diameter Reverse Air (350 tp 1400 ft), total depth 1403 ft bls. Ran deviation survey.
8-Jun-11	9-Jun-11	POF-27: Geophysical Logging: Formation Evaluation, Production & Borehole video (350 - 1400 ft bls).
10-Jun-11		POF-27: Develop Borehole
13-Jun-11		POF-27: Optical Borehole Image Logging (OBI)- USGS, AWE on standby
14-Jun-11	17-Jun-11	POF-27: Packer Testing (2)
20-Jun-11		POF-27: Ream 10 5/8-inch borehole (275 - 750 ft bls)
21-Jun-11	24-Jun-11	POF-27: Back-fill borehole (1,420 - 1,105 ft bls)
27-Jun-11	29-Jun-11	POF-27: Install 6-inch steel casing from (0 - 750 ft bls), and grout to 520 ft bls
30-Jun-11		POF-27: Break-down Rig for de-mobilization
1-Jul-11	5-Jul-11	POF-28: Mobilize rig for mud drilling
6-Jul-11	8-Jul-11	POF-28: Pilot Hole Drilling - 10-inch diameter Mud Rotary (0 - 357 ft bls). Lost Circulation ~ 335 ft bls (4000 gallons) and drill blind to 357 ft bls. Unable to regain circulation
11-Jul-11	18-Jul-11	POF-28: Rig down for clutch repair
19-Jul-11	20-Jul-11	POF-28: Re-initiate pilot hole drilling in partially collapsed borehole. Losing approximately 50% of mud circulation to the formation. Decide to terminate mud-rotary drilling.
21-Jul-11		POF-28: Geophysical Logging: Formation evaluation logs (0 - 350 ft bls)
22-Jul-11	26-Jul-11	POF-28: Ream 30-inch borehole (0 - 290 ft bls)
27-Jul-11	30-Jul-11	POF-28: install 24" steel casing from (0 - 275 ft bls), and grout to surface.
1-Aug-11	5-Aug-11	POF-28: Re-configure rig and discharge facilities for reverse-air drilling. Clean out borehole to previously drilled depth (350 ft bls)
8-Aug-11	10-Aug-11	POF-28: Pilot Hole Drilling: 10-inch diameter Reverse Air (350 to 530 ft bls). Prepare borehole for logging.
11-Aug-11		POF-28: Geophysical Logging: Formation evaluation logs (275 - 530 ft bls). POF-27: Water-quality Sampling lower Zone monitor (750 - 1105 ft bls). Install data-loggers in preparation for aquifer performance testing.
12-Aug-11	19-Aug-11	POF-28: Ream 24-inch borehole (275 -530 ft bls). Experience high turbidity (> 1,000 ntu) in formation return water.
20-Aug-11	22-Aug-11	POF-28: Install high capacity pump, configure well for aquifer performance testing.

23-Aug-11	1-Sep-11	POF-28: Well Development. Evaluate possibilities for turbidity reduction. Turbidity levels still exceed requirements for discharge after 30 hours of development, preventing aquifer performance testing of this interval. SFWMD decides to terminate development and switch to alternate well construction design. POF-29: Second drill rig mobilized on-site & set-up over containment pad.
1-Sep-11	7-Sep-11	POF-28: Configure rig for closed-circulation reverse-air drilling. POF-29: Configure rig and mud circulation system for mud-rotary drilling.
8-Sep-11	9-Sep-11	POF-28: Pilot-Hole Drilling: 4-inch bit, closed circulation (530 - 750)
13-Sep-11		POF-28: Geophysical Logging: Formation evaluation logs to 750 ft bls.
14-Sep-11	20-Sep-11	POF-28: Reamed to total depth - 753 ft bls. Conditioned hole in preparation for logging.
21-Sep-11		POF-28: Ran x-y caliper and gamma ray logs. Installed 124.45 ft of 18-inch steel casing. POF-29: Pilot Hole Drilling 12.25-inch bit to 30 ft bls.
22-Sep-11	23-Sep-11	POF-28: Installed remaining 18-inch steel casing for a total of 758.07 ft and cemented it in. Pilot Hole Drilling 12.25-inch bit to 126 ft bls.
27-Sep-11		POF-28: Drilled out cement plug and recommenced with reverse air drilling 12.25-inch pilothole. Total depth 790 ft bls. POF-29: Drilled to 300 ft bls. Logged the hole in the afternoon.
28-Sep-11	30-Sep-11	POF-28: Continued drilling 12-inch pilothole (790 to 1100 ft bls). POF-29: Reaming to 210 ft bls.
1-Oct-11	2-Oct-11	POF-29: Continue reaming to 300 ft bls.
4-Oct-11		POF-29: Geophysical Logging. Installation of 24-inch casing.
5-Oct-11		POF-28: APT. POF-29: Cemented 61 barrels of cement - 306 ft of 24-inch casing.
6-Oct-11		POF-28: APT. POF-29: Prepare for second stage of cementing. Generator issues.
7-Oct-11		POF-28: APT. POF-29: Second stage of cementing.
11-Oct-11		POF-28: Continued drilling 12-inch pilothole . Total depth 1305 ft bls. POF-29: Continue drilling 12.25-inch pilothole. Total depth 796 ft bls.
12-Oct-11		POF-28: Deviation survey. Driller tripping out of the hole. POF-29: Configure rig for closed-circulation reverse-air drilling.
17-Oct-11		POF-28: Geophysical logging, total depth 1300 ft bls.
18-Oct-11	21-Oct-11	POF-28: Fishing tool. POF-29: Continued drilling 12.25-inch pilothole (300 to 520 ft bls).
21-Oct-11	24-Oct-11	POF-28: Reaming 728 to 1185 ft bls.
24-Oct-11		POF: 29 drawdown test.
		POF-28: Reamed to 1300 ft bls and then logged the hole.
28-Oct-11		POF-28: Installed 12-inch casing from 715 to 1295 ft bls.
31-Oct-11		POF-28: Pressure grouted casing with neat cement from tagged depth 1300 ft bls.
1-Nov-11		POF-28: Tremied 33 barrels of cement from tagged depth 1140 ft bls. POF-29: Well development.
2-Nov-11		POF-28: Tremied 51 barrels of cement (6 percent bentonite) from tagged depth 1020 ft bls. POF-29: Well development.

3-Nov-11		POF-28: Tremied 43 barrels of cement (6 percent bentonite) to tagged depth 720 ft. POF-29: Step drawdown test for APT, begin APT. Isotope sampling.
4-Nov-11		POF-29: APT.
7-Nov-11	11-Nov-11	POF-28: Drill out cement plug from 12-inch casing install. Fish for metal in hole.
14-Nov-11		POF-28: Continued drilling 10-inch pilothole (1320 to 1420 ft bls). Polk County Sherrif onsite. AWE filed police report for stolen welder.
21-Nov-11	23-Nov-11	POF-28: Continued drilling 10-inch pilothole (1555 to 1675 ft bls).
28-Nov-11		POF-28: Continued drilling 10-inch pilothole (1675 to 1750 ft bls). POF-29: Interval Test.
29-Nov-11	1-Dec-11	POF-28: Continued drilling 10-inch pilothole (1770 to 1950 ft bls).
5-Dec-11		POF-28: Interval Test 1300 to 1950 ft bls.
6-Dec-11		POF-28. Purge well and isotope sampling.
7-Dec-11	18-Dec-11	POF-28: Continued drilling 10-inch pilothole (1950 to 2700 ft bls).
30-Dec-11		POF-28: Packer Test One (1708 to 1748 ft bls).
3-Jan-12	4-Dec-12	POF-28: Packer Test Two (2229 to 2269 ft bls).
4-Jan-12		POF-28: Packer Test Three (2084 to 2224 ft bls).
5-Jan-12		POF-28: Packer Test Four (1765 to 1805 ft bls).
9-Jan-12	11-Jan-12	POF-28: Backfilling.
12-Jan-12		POF-28: Installed cement cap on gravel backfill. Tagged depth 2221 ft bls. POF-29: Begin installation of 18-inch steel casing.
13-Jan-12		POF-28: Interval Test 3. POF-29: Finish installation of 18-inch casing - total 1357.7 ft.
17-Jan-12	20-Jan-12	POF-28: FRP tubing installed to 1943 ft bls. Awaiting final piece (29 ft). POF-29: Pilot hole to final depth, 1,685 ft bls.
21-Jan-12	25-Jan-12	POF-29: Final logging and de-mobilize rig.
26-Jan-12	28-Jan-12	POF-28: Tremied in grout for FRP casing in five stages. Final tagged depth 1683 ft bls. POF-29: Set-up for APT
30-Jan-12		POF-29: Begin APT - generator issues. Stop testing.
1-Feb-12	4-Feb-12	POF-29: 96 hour APT.
6-Feb-12		POF-28L: Well Development of 28 Lower zone @ 100 gpm.
7-Feb-12		POF-28U: Well Development of 28 Upper annular zone @100 gpm.
8-Feb-12		POF-28L: Pressure test 5-inch FRP casing. Annular zone cemented to 1683 ft bpl.
10-Feb-12	18-Feb-12	POF-29 & POF-28: Grouted temporary annular zone monitor wells.
20-Feb-12	29-Feb-12	POF-28: De-mobilize rig. POF-27, POF-28, POF-29: Install permanent well-heads and pads.

Appendix B

SFWMD Daily Drilling Form

Date: 6/30/11	Page 1 of 3	Mud Weights and Viscosity			Drilling Parameters		
Well Name POS-14		Time	Weight (lbs/gal)	Viscosity (sec/qt)	Time	Wt on Bit (1,000 lbs)	Discharge (gpm)
Contractor/Driller EDS - Corey							
Site Geologist R. Collins							
Starting Depth 0'							
Ending Depth							

Drilling Notes: bit size/fluid additives/mud type, etc.

Quick Gel High Yield Bentonite

Mike Oversight; Karl Drillers Helper

2'

Time	Depth (~~5~~ 2 ft int.)	Sampling Time	Lithology and Formation Notes (lost circulation zones, chatter, rate changes, etc.)	% Return
0855	0-6		Hand Auger Dark Brown Sand/Light Tan Sand	
0858	6-8		Dark Brown Sand/Light Tan; Organics	80%
0902	8-10		Dark Brown Sand; Organics	90%
0905	10-12		Light Brown Sand; Organics	80%
0940	12-14		Light Brown Sand; Organics	80%
0943	14-16		Light Brown Med Sand; Organics, some rock frags (fill)	80%
0949	16-18		Brown - Dark Brown Med Sand; some Organics	90%
0953	18-20		Brown - Dark Brown Fine-Med Sand; some Organics	90%
0957	20-22		Dark Brown Fine-Med Sand; some Organics	100%
1005	22-24		Transition Dark Brown Sand → Light Tan Sand; trace Organics	100%
1007	24-26		Tan fine-med sand; trace Organics	100%
1017	26-28		Transition Tan → Brown fine-med sand; trace organics	90%
1030	28-30		Tan Fine-Med Sand; trace organics	70%
1035	30-32		Tan fine Sand; trace organics	90%
1040	32-34		Tan fine Sand; trace organics	90%
1046	34-36		Tan fine Sand; trace organics	90%
1054	36-38		Tan fine Sand; trace organics	80%
1100	38-40		Tan fine Sand; trace organics	80%

Time	Depth (feet)	New Rod Meas. (feet)	Dev. Survey (deg)	Depth to Water (reverse air only)			Water Quality Measurements (reverse air only)			Laboratory Sample ID
				Ref	Drill Pipe	Annulus	pH	Sp. Cond. (µS/cm)	Temp. (deg C)	

SFWMD Daily Drilling Form

Date: 6/30/11	Page 2 of 3	Mud Weights and Viscosity			Drilling Parameters		
		Time	Weight (lbs/gal)	Viscosity (sec/qt)	Time	Wt on Bit (1,000 lbs)	Discharge (gpm)
Well Name	POS-14						
Contractor/Driller	EDS – Corey						
Site Geologist	B. Collins						
Starting Depth	40' –						
Ending Depth							

Drilling Notes: bit size/fluid additives/mud type, etc.

Mike oversight; Karl Driller's helper

Time	Depth (~~5~~ 2 ft int.)	Sampling Time	Lithology and Formation Notes (lost circulation zones, chatter, rate changes, etc.)	% Recovery
1110	40'-42'		Tan Fine Sand; Trace Organics	70%
1116	42'-44		Tan Fine Sand; Trace Organics	70%
1125	44-46		Tan Fine Sand; Trace Organics	60%
1143	46-48		Tan Fine Sand; Trace Organics	60%
1147	48-50		Tan Fine Sand; Trace Organics	90%
1152	50-52		Tan Fine Sand; Trace shell + organics	~~7~~ 80%
1157	52-54		Tan fine sand; trace shell + organics	80%
1205	54-56		Tan fine sand	80%
1215	56-58		Tan fine sand; trace organics	80%
1223	58-60		Tan - Grey fine-med sand trace organics	90%
1235	60-62		Tan - Grey fine-med sand	80%
1242	62-64		Tan - Grey fine-med sand	80%
1247	64-66		Tan - fine med sand transition to Grey Green fine sand	80%
1308	66-68		Grey - fine sand / clayey	90%
1315	68-70		Grey Clay / fine sand	100%
1322	70-72		Grey Clay / fine sand	100%
1331	72-74		Grey Clay / fine sand	100%
1345	74-76		Grey Clay / fine sand	100%

Time	Depth (feet)	New Rod Meas. (feet)	Dev. Survey (deg)	Depth to Water (reverse air only)			Water Quality Measurements (reverse air only)			Laboratory Sample ID
				Ref	Drill Pipe	Annulus	pH	Sp. Cond. (µS/cm)	Temp. (deg C)	

SFWMD Daily Drilling Form

Date:	Page 3 of 3	Mud Weights and Viscosity			Drilling Parameters		
		Time	Weight (lbs/gal)	Viscosity (sec/qt)	Time	Wt on Bit (1,000 lbs)	Discharge (gpm)
Well Name	POS-14						
Contractor/Driller	EDS / Corey						
Site Geologist	B. Collins						
Starting Depth	76'						
Ending Depth	80'						

Drilling Notes: bit size/fluid additives/mud type, etc.

Mike - oversight Karl - driller's helper

Time	Depth (~~5~~ 2' ft int.)	Sampling Time	Lithology and Formation Notes (lost circulation zones, chatter, rate changes, etc.)
	76-78		Grey Clay / fine sand 76-80' composite
	78-80		

Time	Depth (feet)	New Rod Meas. (feet)	Dev. Survey (deg)	Depth to Water (reverse air only)			Water Quality Measurements (reverse air only)			Laboratory Sample ID
				Ref	Drill Pipe	Annulus	pH	Sp. Cond. (µS/cm)	Temp. (deg C)	

Daily Operations Report

Date	7/1/11	Weather	Cloudy 80's	SFWMD Personnel	Other Contractors (Company/Personnel)
Well Name	POS-K1	Activity	Well Install		
Contractor & Driller	EDS Corey	Starting Depth	0'		Mike-oversight
Site Geologist	B. Collins	Ending Depth	7'		Karl - helper

Highlight services performed today

Drilling Services	Casing & Cement	Testing Services	Other Service Costs	Geophysical
Mob	Casing Installation	Packer Test	Stand-by	Logging
De-mob	Cementing	Interval Test	Well Development	
Pilot Hole Drilling	Back-filling	Pressure Test	WQ Sampling (Permit)	
Reaming			Completion	

Summarize services and quantities (as tracked in bid sheets)

Time	Service	Description
0700	4" Well Install	SPT's completed on 6/30; Installation of 4" MW
		to 75-77' screen set 55'-65'; up 5' from SOW
		below 65' clay / fine sand (Hawthorne)
~~0830~~ 1030	4" Casing Install	4" Casing in hole with centralizers
1145		Develop well for 1 hr Hepsurge + purge (swab)
		for 15 mins water level compl. check
1305		Bentonite Seal + begin cement grout job

Other Comments/Activity Summaries
(such as visitors, equipment deliveries, and non-scheduled events)

Time	Description
0820	Run Mike to Hardware store to get screws for centralizers
0850	Calibrate YSI 600XL SN 02K0010, change D.O. Membrane all Good
1440	Offsite Well Installation Complete Pad Complete
	with sweeps + manhole cover
	* Total Depth ~~78~~ 75.45' on 7/6/11
	13.22' DTW 1125 on 7/6/11

Signed: ______________________ (Site Geologist) ______________________ (Driller's Representative)

Well Development Form

General Information

Well: POS-14 | Date: 7/1/14
Contractor: EDS | Start Time: 1145
Site Geologist: B. Collins | End Time: 1305
Interval Type: *Open-hole or Screen or Annular Space*

Open Hole / Screen

22' DTW
Well Depth (ft bls) ______ | Hole / Screen Diameter (in.) ______
Casing Depth (ft bls) ______ | Casing Diameter (in.) ______

Annular Zone

Well Depth (ft bls) ______ | Inner Casing Diameter (in.) ______
Casing Depth (ft bls) ______ | Outer Casing Diameter (in.) ______

Total Purged Volume (gallons) 60gal | Pump Method ______
Airline Length (ft.) ______

Sediment Measurement Method (circle one): *Imhoff Cone or Rossum Sand Tester*

Test Information: (Air-lift until visibly free of particulate, and pump until sediment concentration is 10 mg/L or less)

DTW	Time	Development Method	Discharge Rate (gpm)	Sediment Concentration (mg/L)	Comments
22'	1145	submersible	1gpm		27.78°C 279 uS/cm 8.68 DO 7.41 pH
10.2'	1200		↓		27.75 287 8.57 DO 7.52 pH
17.82	1210				27.64 296 8.87 7.67 pH
51.40	1220				27.36 326 8.20 7.56 pH
52.64	1225				27.06 374 7.70 7.93
52.90	1245				26.97 447 6.41 7.22
←	1250	Swabbing Well to flush filter pack			
14.90	1305	Stopped Swabbing			Water Level coming back
					ok to grout + 2' bentonite seal

Appendix C

BOREHOLE COMPENSATED SONIC/VDL LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

Other Services
SEE COMMENTS

SEC	TWP	RGE

		Elevation
Permanent Datum	PAD	
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation	
K.B.	
D.F.	
G.L.	

Date	11-MAY-2011		
Run Number	ONE		
Depth Driller	350'		
Depth Logger	350'		
Bottom Logged Interval	350'		
Top Log Interval	SURFACE		
Open Hole Size	8.00"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String				
Production String				
Liner				

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Comments

SP/GR/RES
DIL/LATERAL
XYC/GR

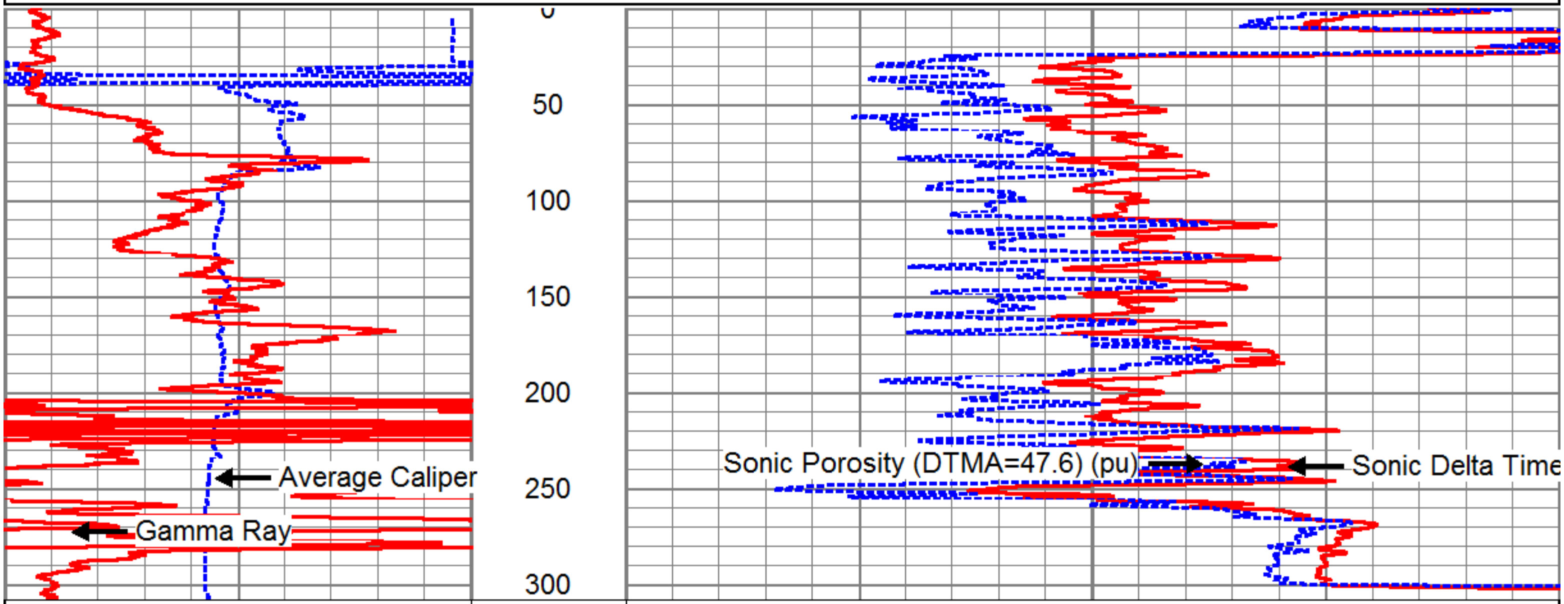
ALLWEBBS

MAIN PASS

ENTERPRISES, INC.

Database File: kisspof27.db
Dataset Pathname: BHCMP
Presentation Format: bhc_por
Dataset Creation: Wed May 11 23:32:05 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:1200

0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray	200	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0



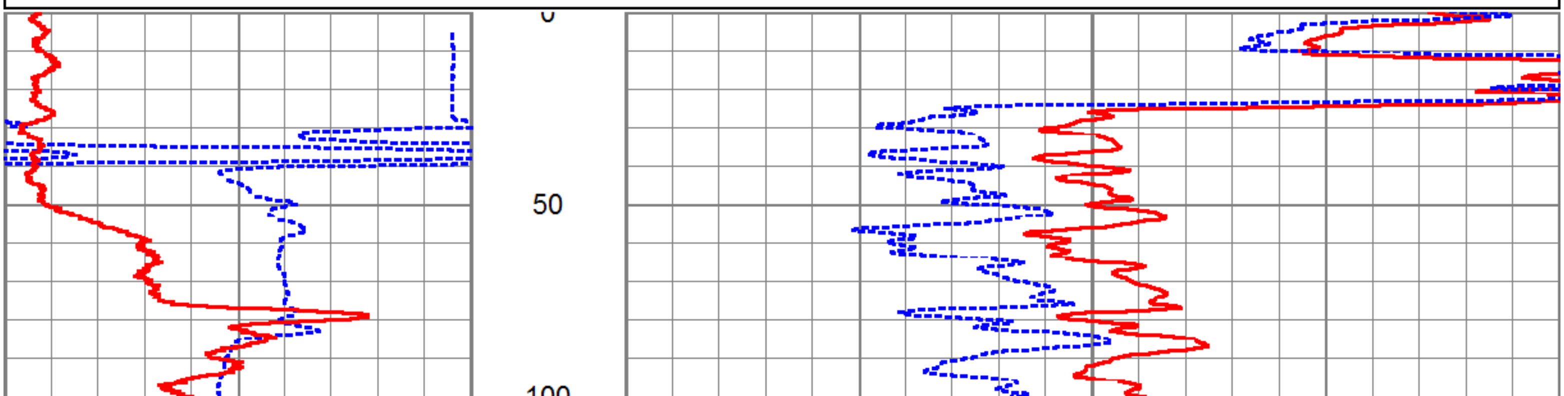
0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray	200	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

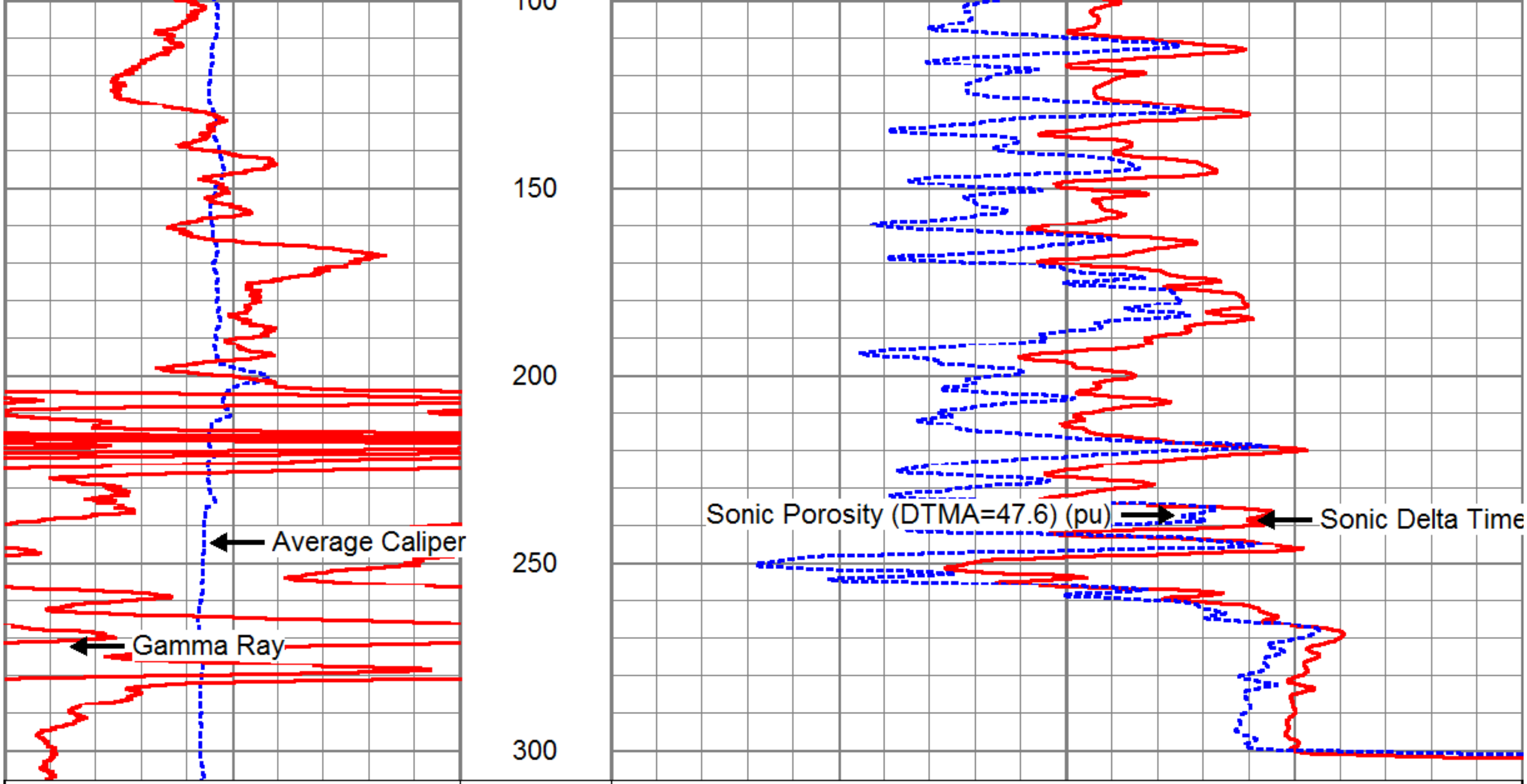
ALLWEBBS
ENTERPRISES, INC.

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: BHCMP
Presentation Format: bhc_por
Dataset Creation: Wed May 11 23:32:05 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray	200	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0





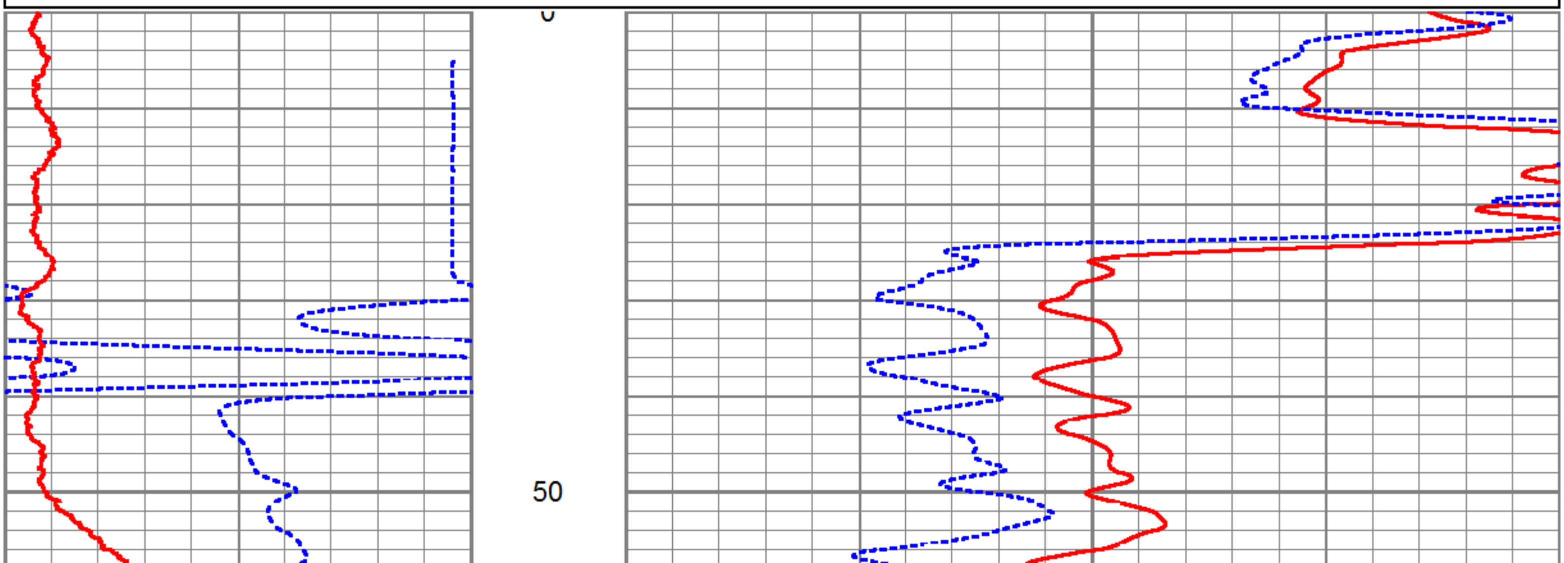
0 Average Caliper (in) 20	240 DT (usec/ft) (usec/ft) 40
0 Gamma Ray 200	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

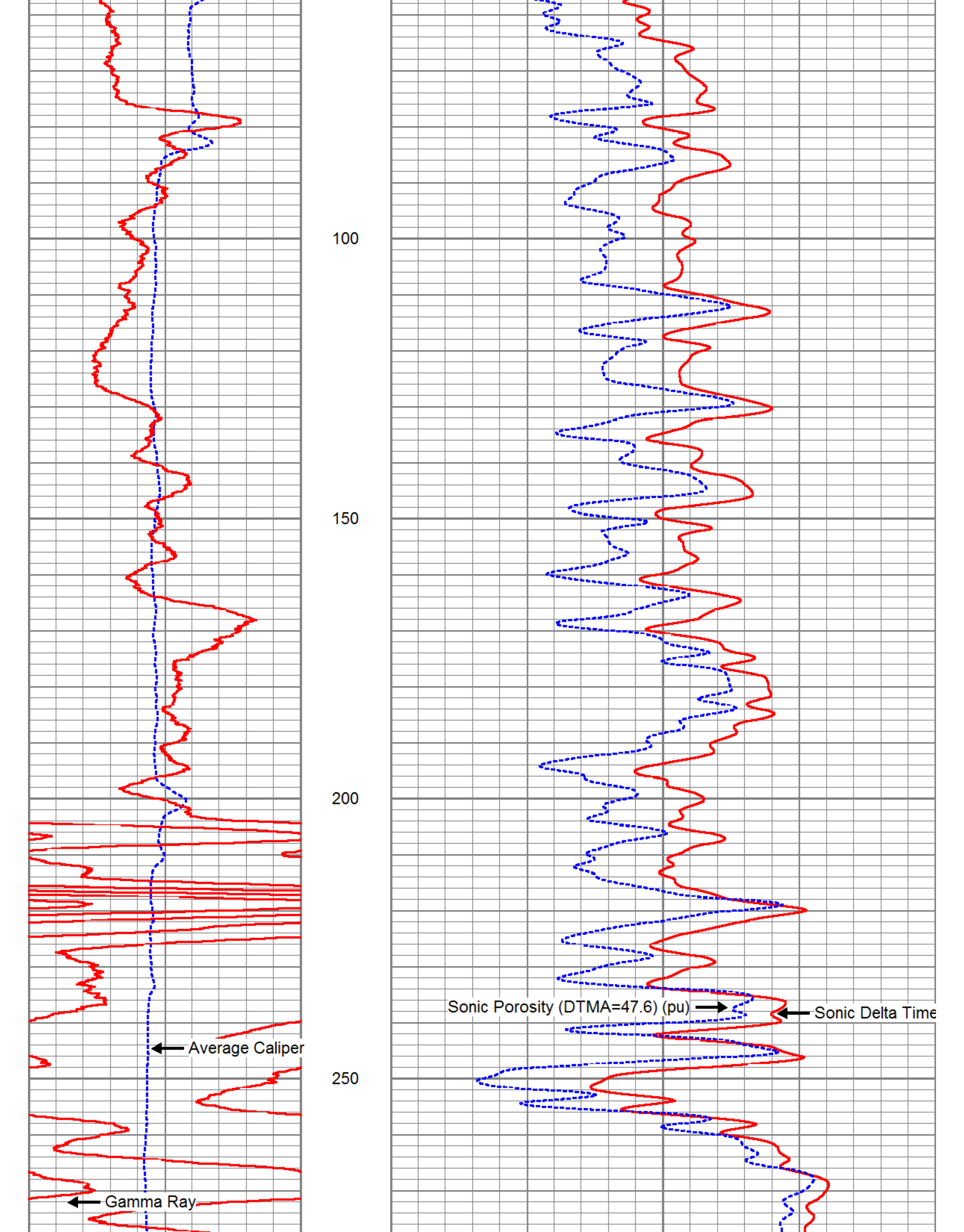
ALLWEBBS ENTERPRISES, INC.

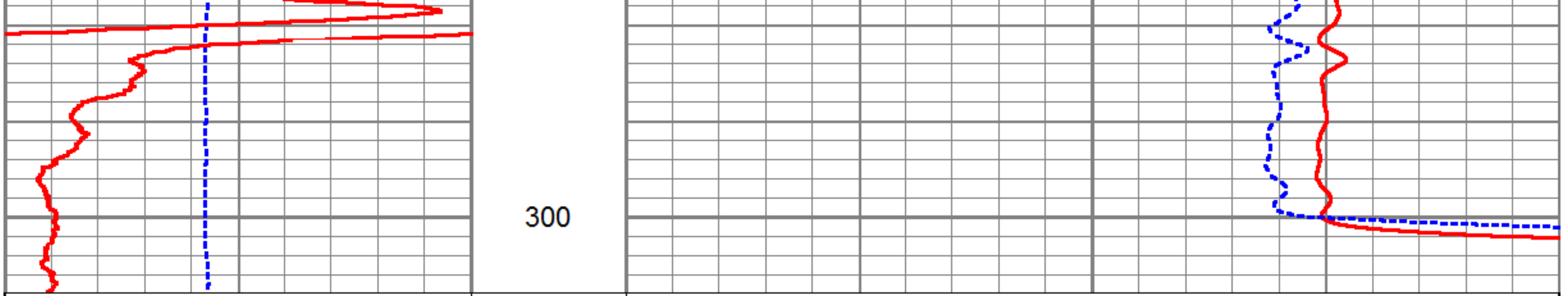
MAIN PASS

Database File: kisspof27.db
Dataset Pathname: BHCMP
Presentation Format: bhc_por
Dataset Creation: Wed May 11 23:32:05 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 Average Caliper (in) 20	240 DT (usec/ft) (usec/ft) 40
0 Gamma Ray 200	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0




100
150
200
250
Average Caliper
Gamma Ray
Sonic Porosity (DTMA=47.6) (pu)
Sonic Delta Time



0	Average Caliper (in)	20		
0	Gamma Ray	200		

240	DT (usec/ft) (usec/ft)	40
100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

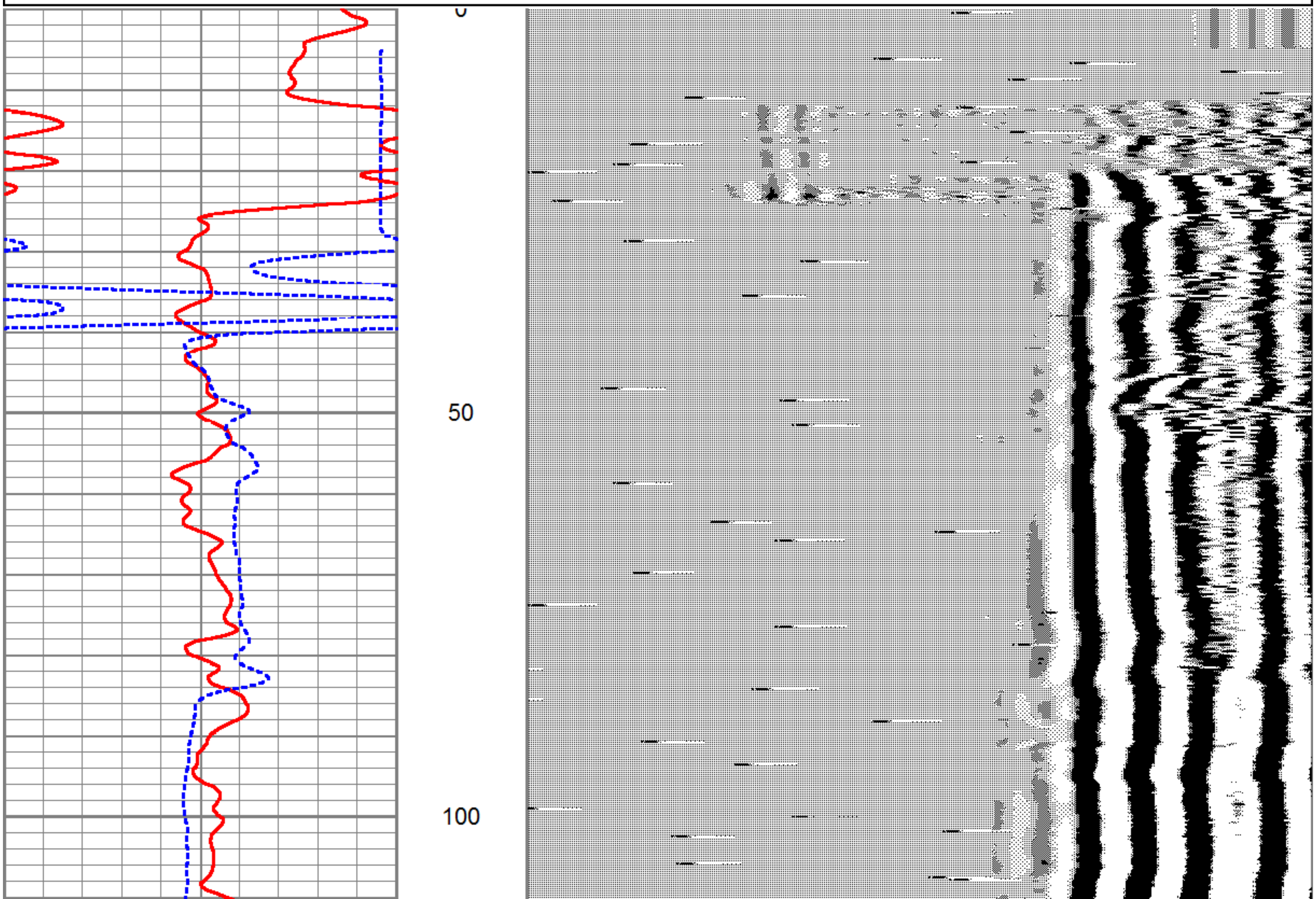
ALLWEBBS ENTERPRISES, INC.

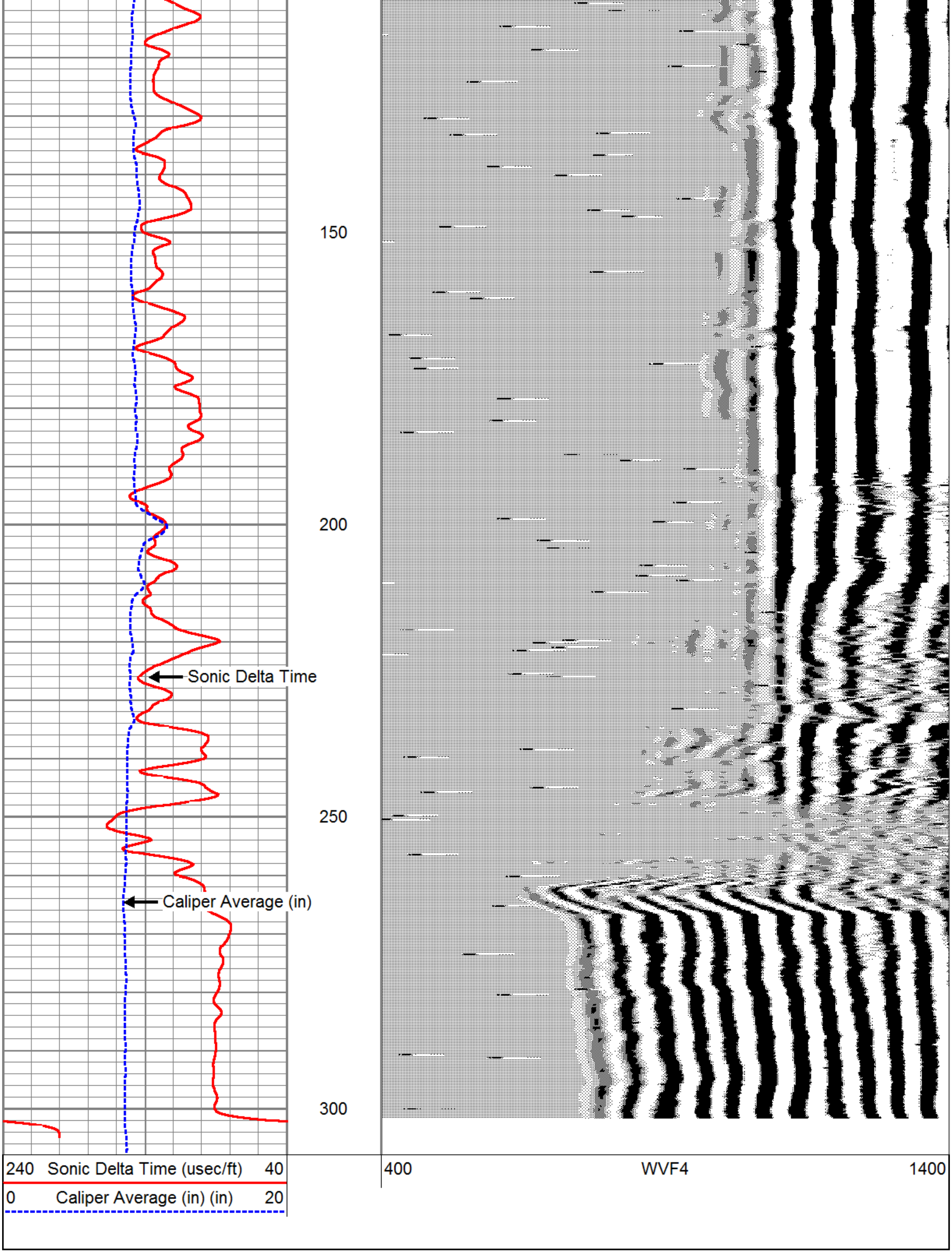
MAIN PASS

Database File:	kisspof27.db
Dataset Pathname:	BHCMP
Presentation Format:	bhc
Dataset Creation:	Wed May 11 23:32:05 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

240	Sonic Delta Time (usec/ft)	40
0	Caliper Average (in) (in)	20

400	WVF4	1400

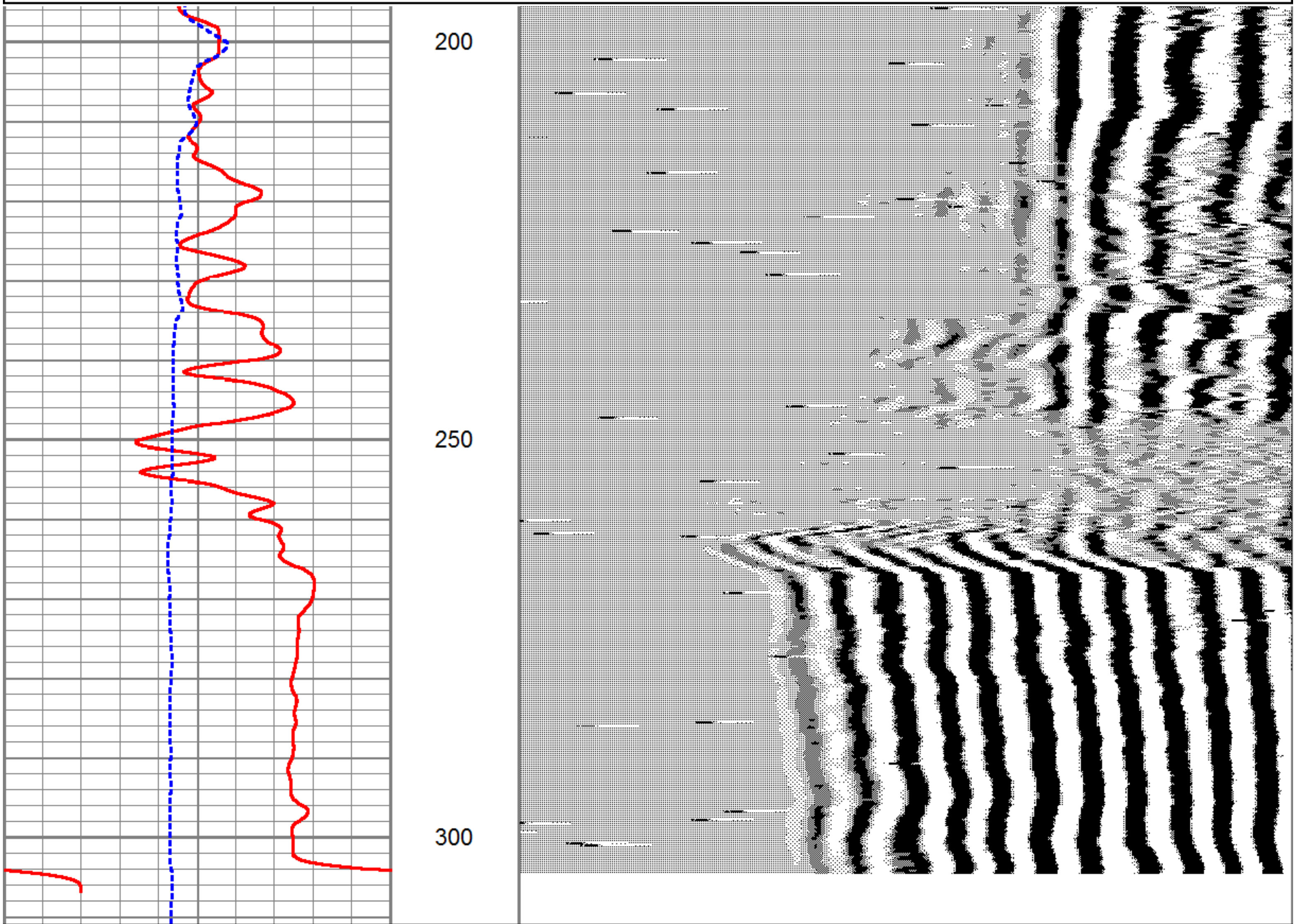



150
200
250
300
Sonic Delta Time
Caliper Average (in)
240 Sonic Delta Time (usec/ft) 40
0 Caliper Average (in) (in) 20
400
WVF4
1400

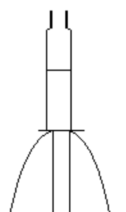
REPEAT PASS

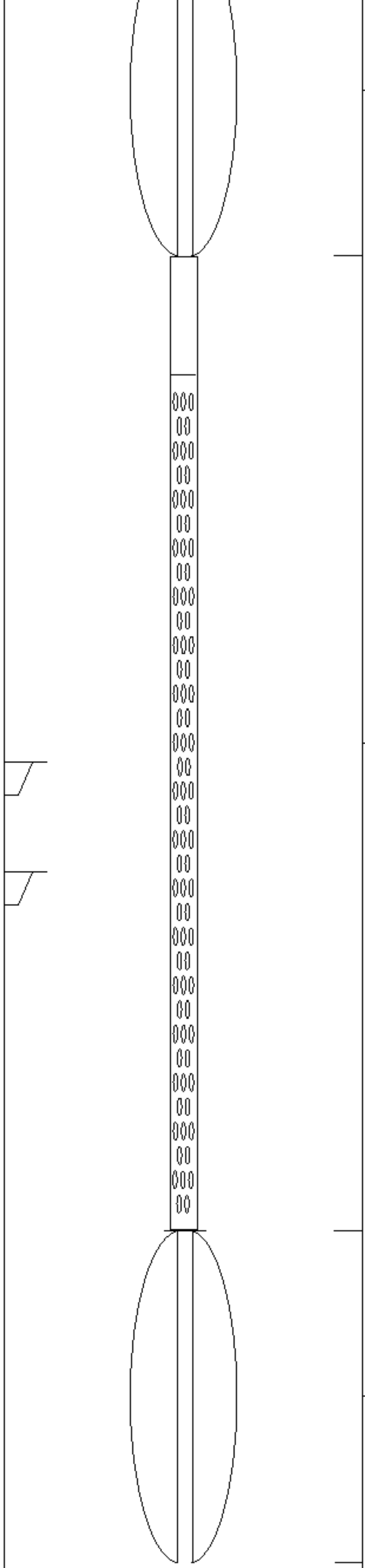
Database File:	kisspof27.db
Dataset Pathname:	BHCRP3
Presentation Format:	bhc
Dataset Creation:	Wed May 11 23:23:29 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

240 Sonic Delta Time (usec/ft) 40		400 WVF4 1400
0 Caliper Average (in) (in) 20		



240 Sonic Delta Time (usec/ft) 40		400 WVF4 1400
0 Caliper Average (in) (in) 20		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		CBLINLINE	3.00	1.50	10.00
WVF1	7.25	SLT2Probe-Probe275(Probe) (1)	8.83	2.75	100.00
WVF2	7.25				
WVF3	6.25				
WVF4	6.25				
		CBLINLINE	3.00	1.50	10.00

Dataset:	kisspof27.db: field/well/run1/BHCMP
Total Length:	15.83 ft
Total Weight:	125.00 lb
O.D.	2.75 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

DUAL INDUCTION LATERAL/SP LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation		Elevation
Log Measured From	PAD		K.B.	
Drilling Measured From	PAD		D.F.	
			G.L.	

Date	11-MAY-2011		
Run Number	ONE		
Depth Driller	350'		
Depth Logger	317'		
Bottom Logged Interval	317'		
Top Log Interval	SURFACE		
Open Hole Size	8.00"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

Comments

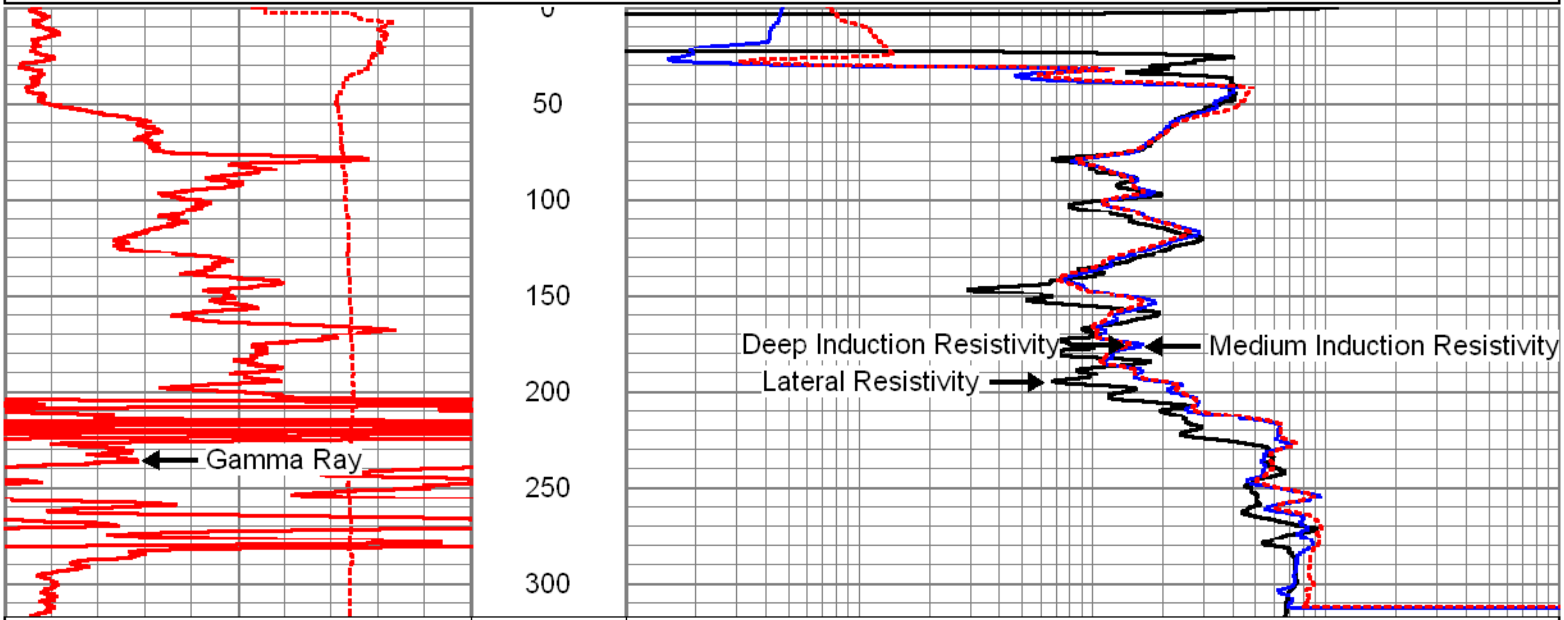
SP/GR/RES
XYC/GR
BHC SONIC/VDL

MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof27.db
Dataset Pathname:	DILMP
Presentation Format:	dil
Dataset Creation:	Wed May 11 22:19:12 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

0	Gamma	200	0.2	Lateral Resistivity	2000
-150	Spontaneous Potential	150	0.2	Medium Induction Resistivity (Ohm-m)	2000
			0.2	Deep Induction Resistivity (Ohm-m)	2000



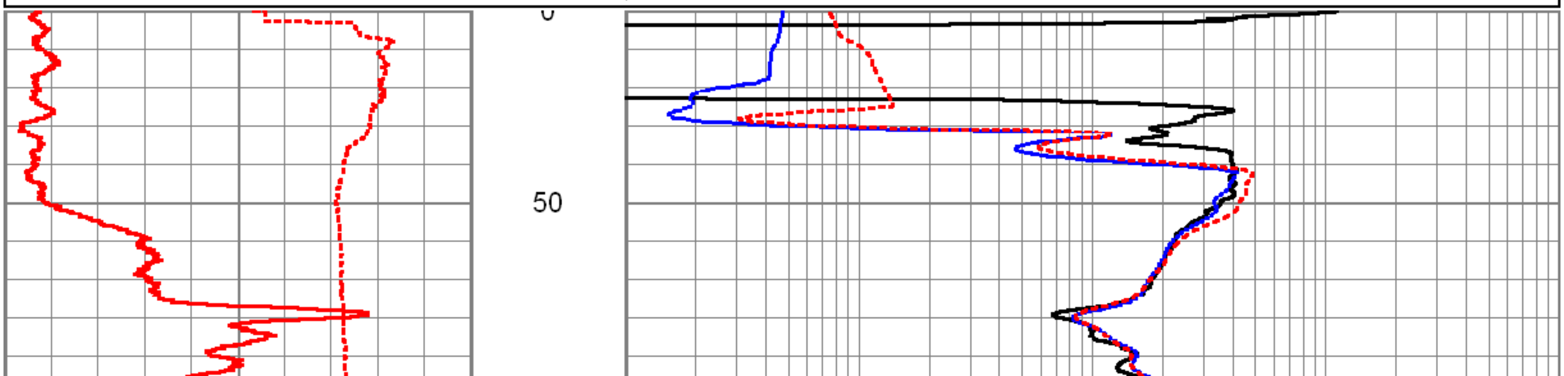
0	Gamma	200	0.2	Lateral Resistivity	2000
-150	Spontaneous Potential	150	0.2	Medium Induction Resistivity (Ohm-m)	2000
			0.2	Deep Induction Resistivity (Ohm-m)	2000

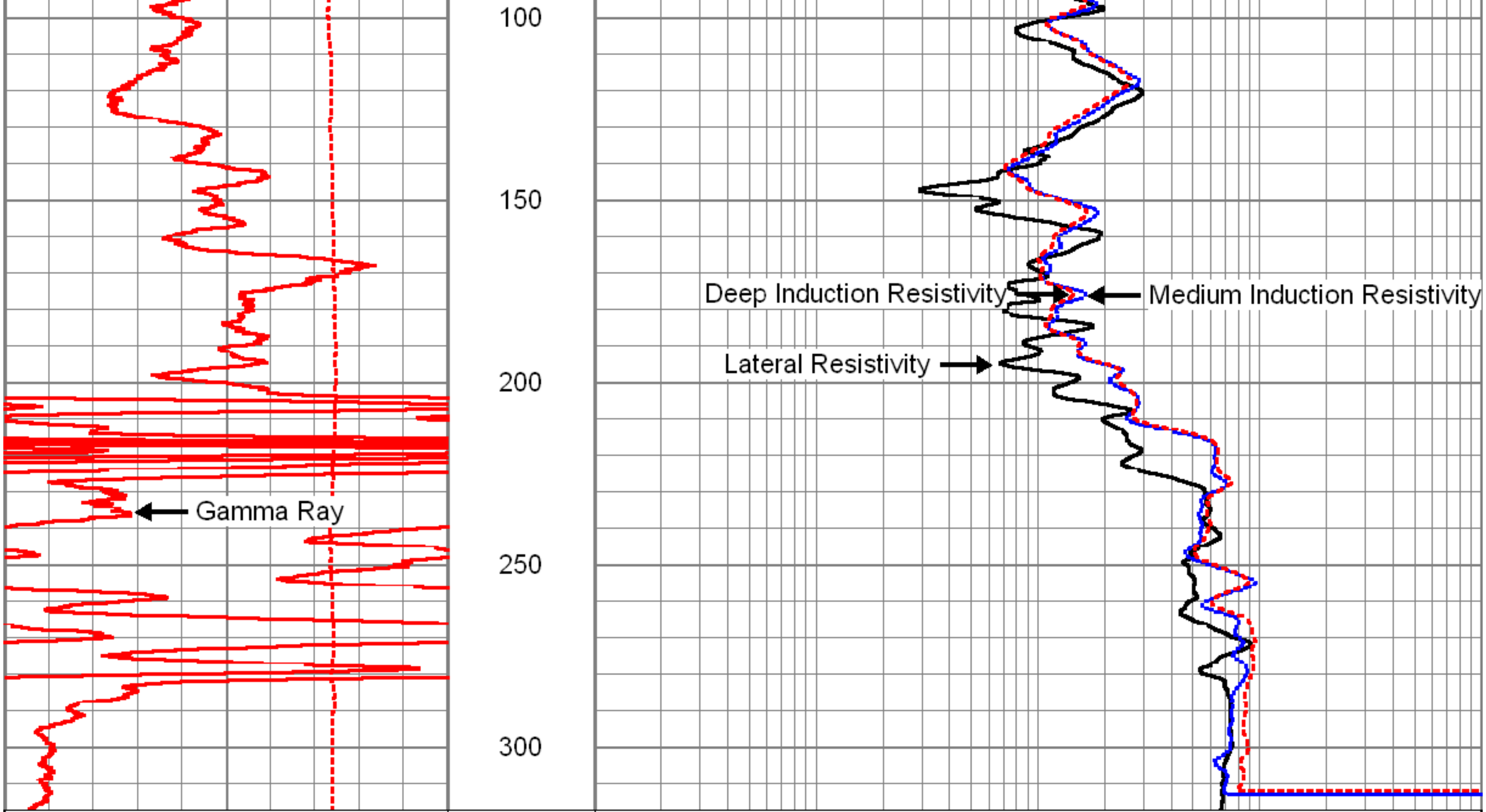
ALLWEBBS
ENTERPRISES, INC.

MAIN PASS

Database File:	kisspof27.db
Dataset Pathname:	DILMP
Presentation Format:	dil
Dataset Creation:	Wed May 11 22:19:12 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:600

0	Gamma	200	0.2	Lateral Resistivity	2000
-150	Spontaneous Potential	150	0.2	Medium Induction Resistivity (Ohm-m)	2000
			0.2	Deep Induction Resistivity (Ohm-m)	2000





0	Gamma	200
-150	Spontaneous Potential	150

0.2	Lateral Resistivity	2000
0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000

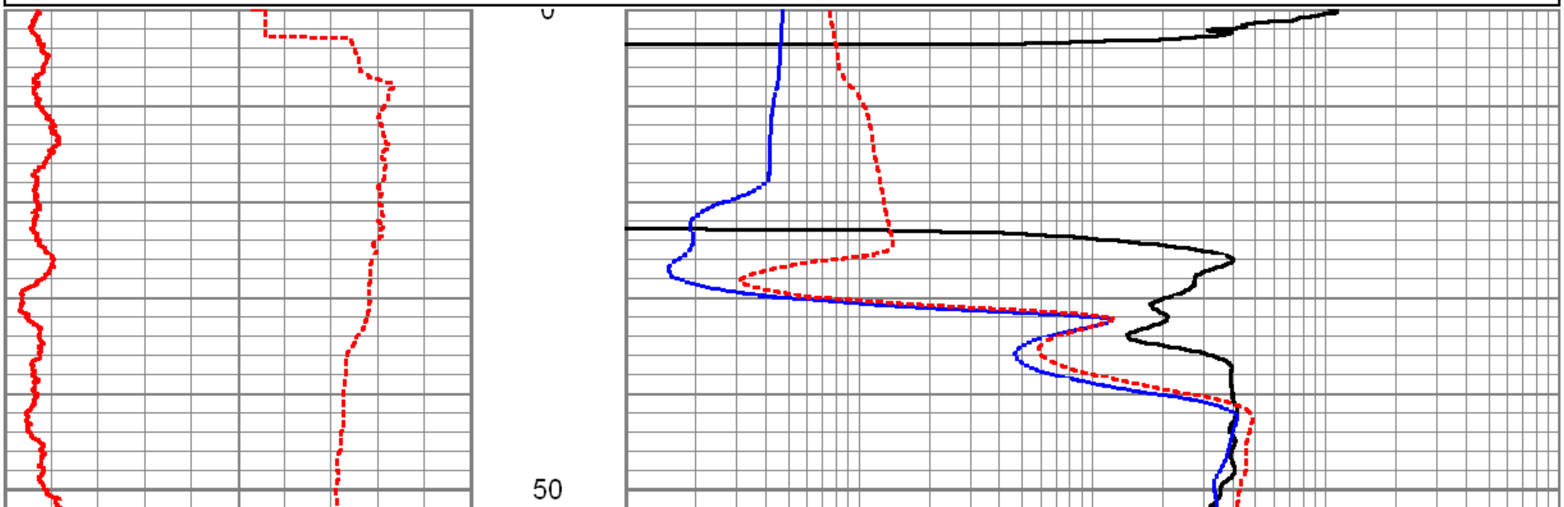
ALLWEBBS ENTERPRISES, INC.

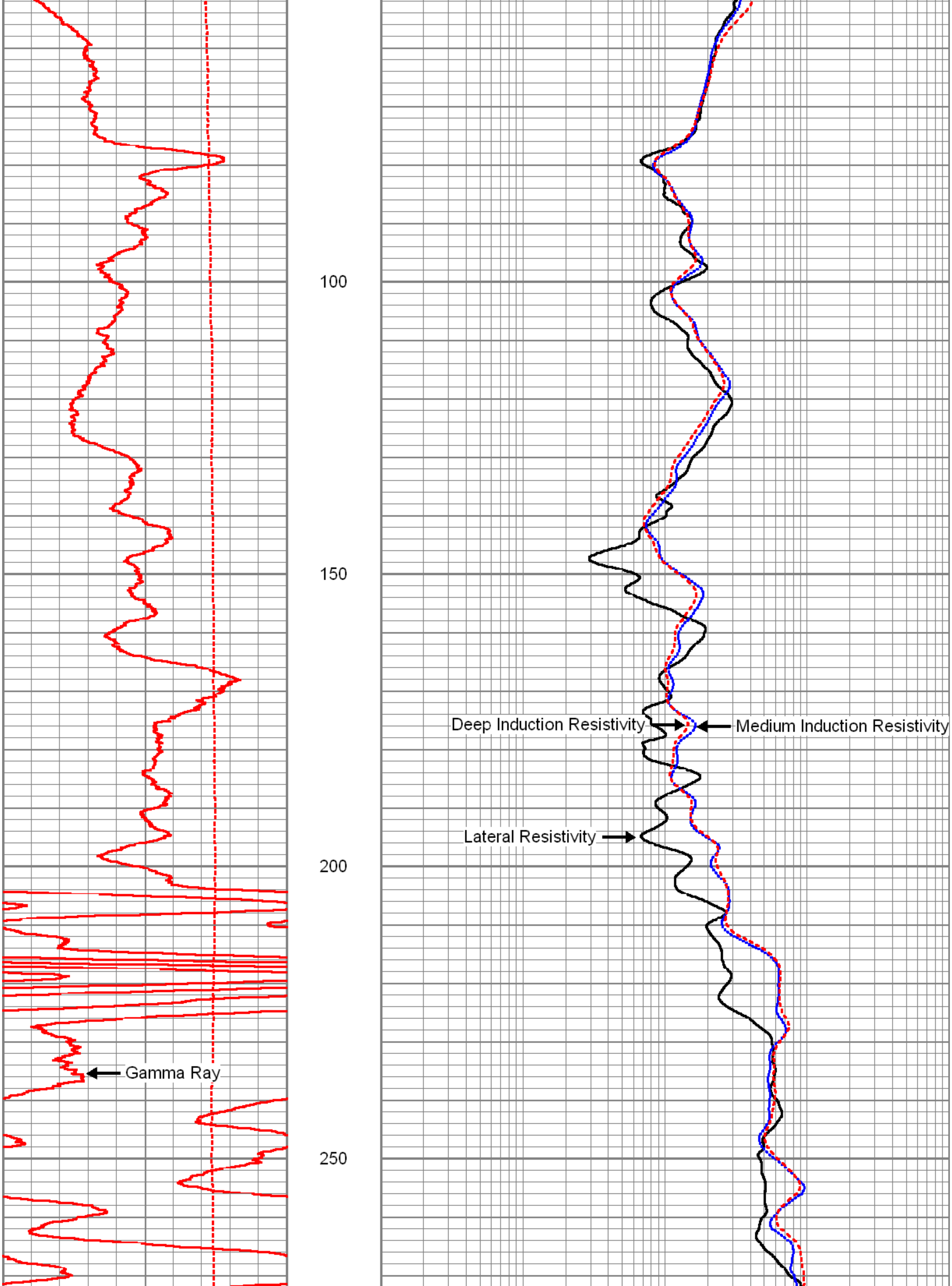
MAIN PASS

Database File:	kisspof27.db
Dataset Pathname:	DILMP
Presentation Format:	dil
Dataset Creation:	Wed May 11 22:19:12 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

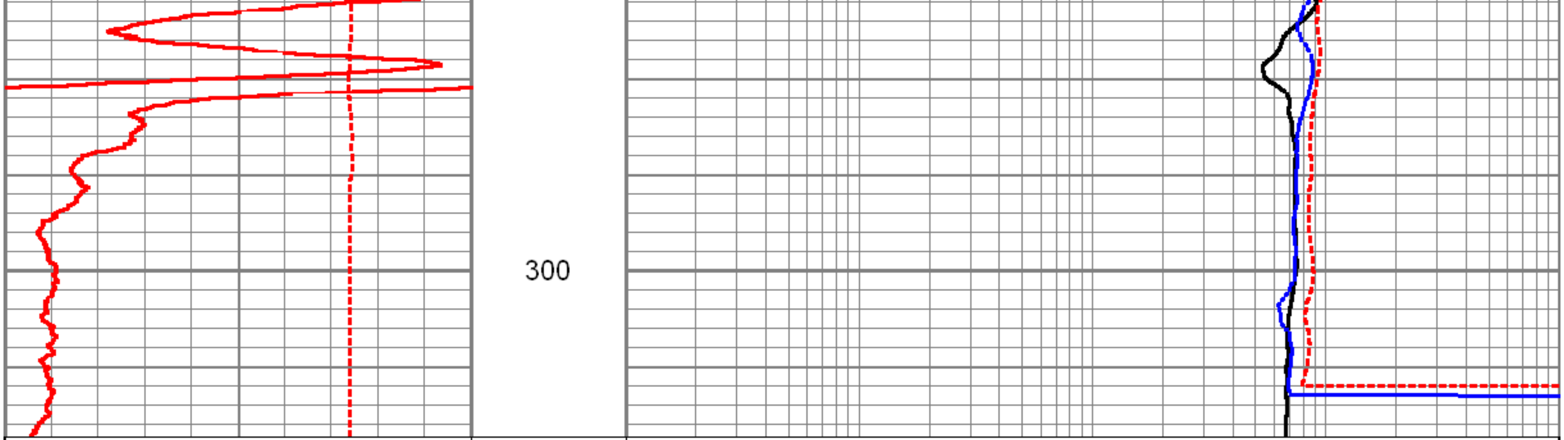
0	Gamma	200
-150	Spontaneous Potential	150

0.2	Lateral Resistivity	2000
0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000





100
150
200
250
Gamma Ray
Deep Induction Resistivity
Medium Induction Resistivity
Lateral Resistivity



0	Gamma	200		
-150	Spontaneous Potential	150		

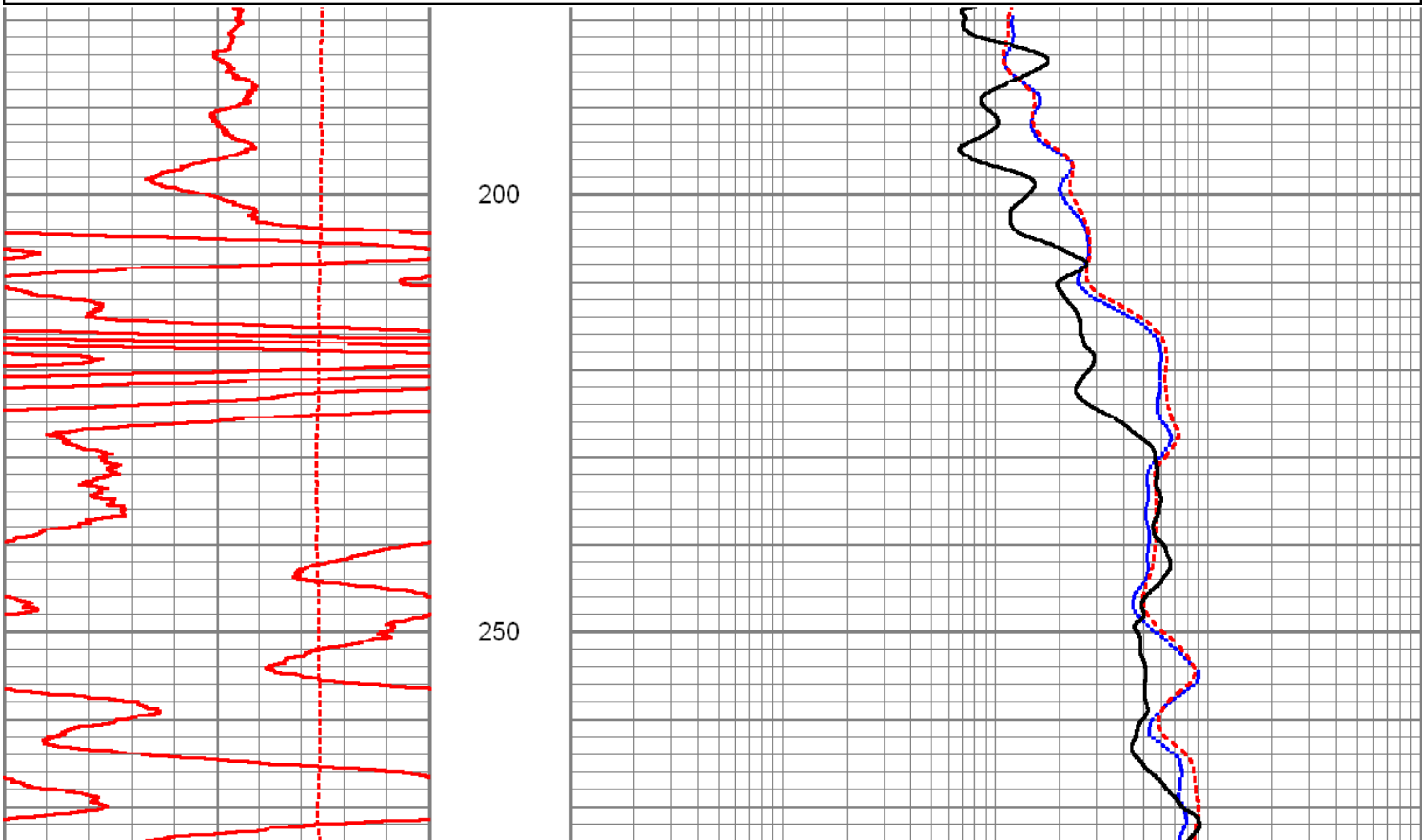
0.2	Lateral Resistivity	2000
0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000

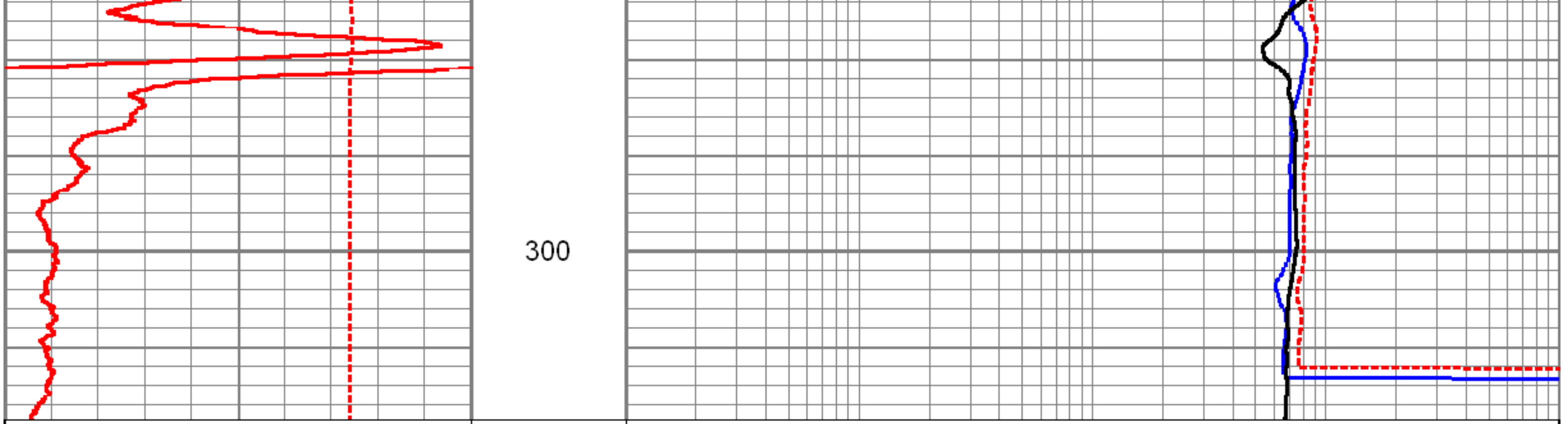
REPEAT PASS

Database File: kisspof27.db
Dataset Pathname: DILRP
Presentation Format: dil
Dataset Creation: Wed May 11 22:06:54 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	GAMMA	200
-150	Spontaneous Potential	150

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	LATERAL	2000





0	GAMMA	200	
-150	Spontaneous Potential	150	
0.2	Medium Induction Resistivity (Ohm-m)	2000	
0.2	Deep Induction Resistivity (Ohm-m)	2000	
0.2	LATERAL	2000	

Calibration Report

Database File: kisspof27.db
Dataset Pathname: DILMP
Dataset Creation: Wed May 11 22:19:12 2011 by Log Open-Cased 071220

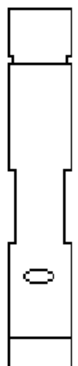
Gamma Ray Calibration Report

Serial Number:	5562	
Tool Model:	6CHAN	
Performed:	Wed May 11 21:55:02 2011	
Calibrator Value:	120.0	GAPI
Background Reading:	21.0	
Calibrator Reading:	67.1	
Sensitivity:	2.6030	GAPI/

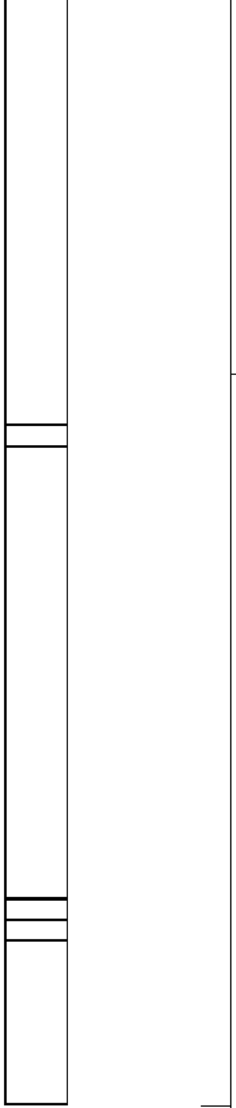
Dual Induction Calibration Report

Serial-Model: 5562-6CHAN
Surface Cal Performed:

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	32134.400	41811.700	0.000	1650.000	mmho-m	0.171	-5478.970
Medium	33023.100	50028.000	0.000	3300.000	mmho-m	0.194	-6408.530

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	6.50					

			RGDILGR-6CHAN (5562) Robertson Geologging Dual Induction Gamma Ray	7.06	1.50	13.67
CILD	2.63					
CILM	1.54					



Dataset: kisspof27.db: field/well/run1/DILRP
Total Length: 7.06 ft
Total Weight: 13.67 lb
O.D. 1.50 in

Company	SOUTH FLORIDA MGT. DISTRICT		
Well	POF #27		
Field	KISSIMMEE BASIN (LFA)		
County	POLK		
State	FLORIDA		

SP/GR RESISTIVITY LOG

Company	SOUTH FLORIDA MGT. DISTRICT		
Well	POF #27		
Field	KISSIMMEE BASIN (LFA)		
County	POLK	State	FLORIDA
Location:		API # :	Other Services: SEE COMMENTS
SEC	TWP	RGE	
Permanent Datum	PAD	Elevation	Elevation
Log Measured From	PAD		K.B.
Drilling Measured From	PAD		D.F.
			G.L.

Date	11-MAY-2011
Run Number	ONE
Depth Driller	350'
Depth Logger	350'
Bottom Logged Interval	350'
Top Log Interval	SURFACE
Open Hole Size	8.00"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	00:00
Time Logger on Bottom	00:00
Equipment Number	VA-202
Location	JUPTIER
Recorded By	LEE
Witnessed By	E. HOPKINS

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

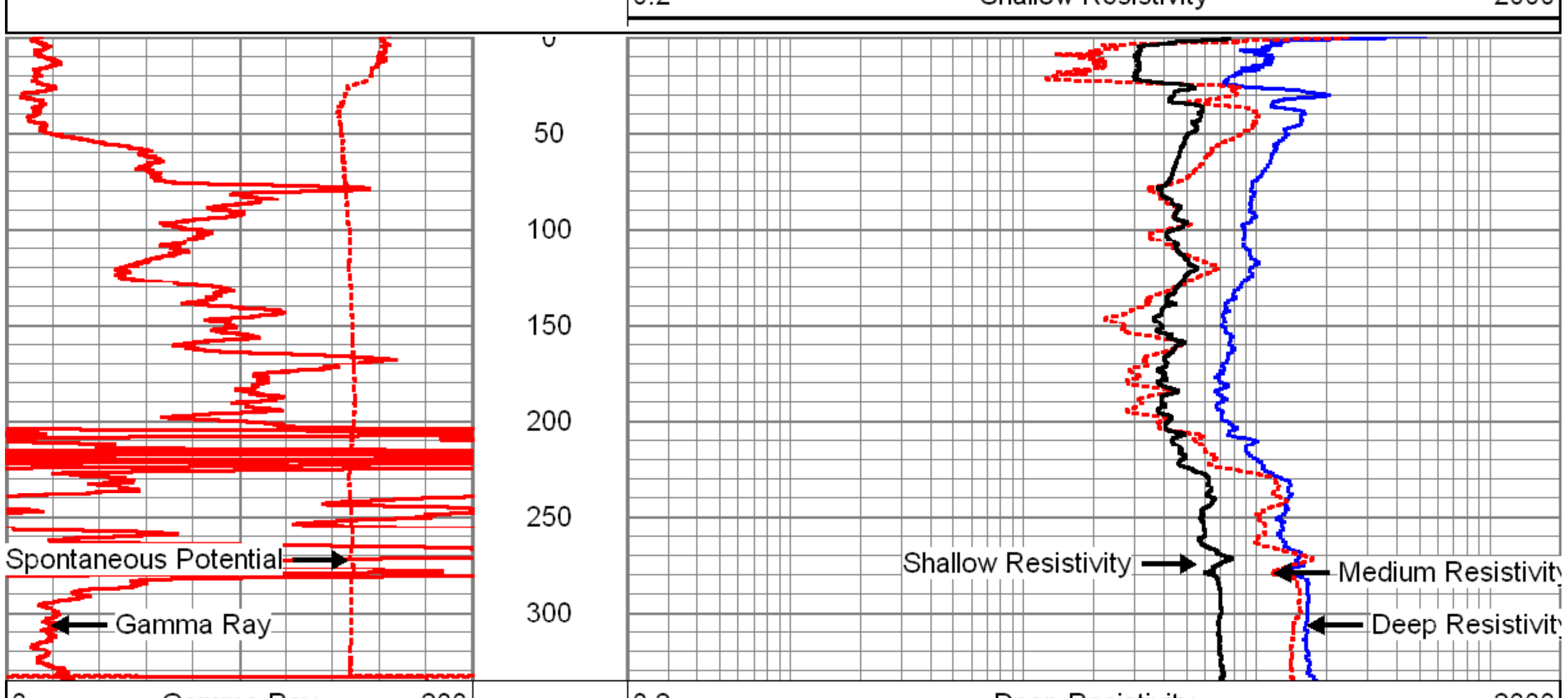
Comments

DIL/LATERAL
XYC/GR
BHC SONIC/VDL

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: @00002714
Presentation Format: cent-res
Dataset Creation: Thu May 12 07:03:54 2011
Charted by: Depth in Feet scaled 1:1200

0 Gamma Ray 200	0.2 Deep Resistivity 2000
-150 Spontaneous Potential 150	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000

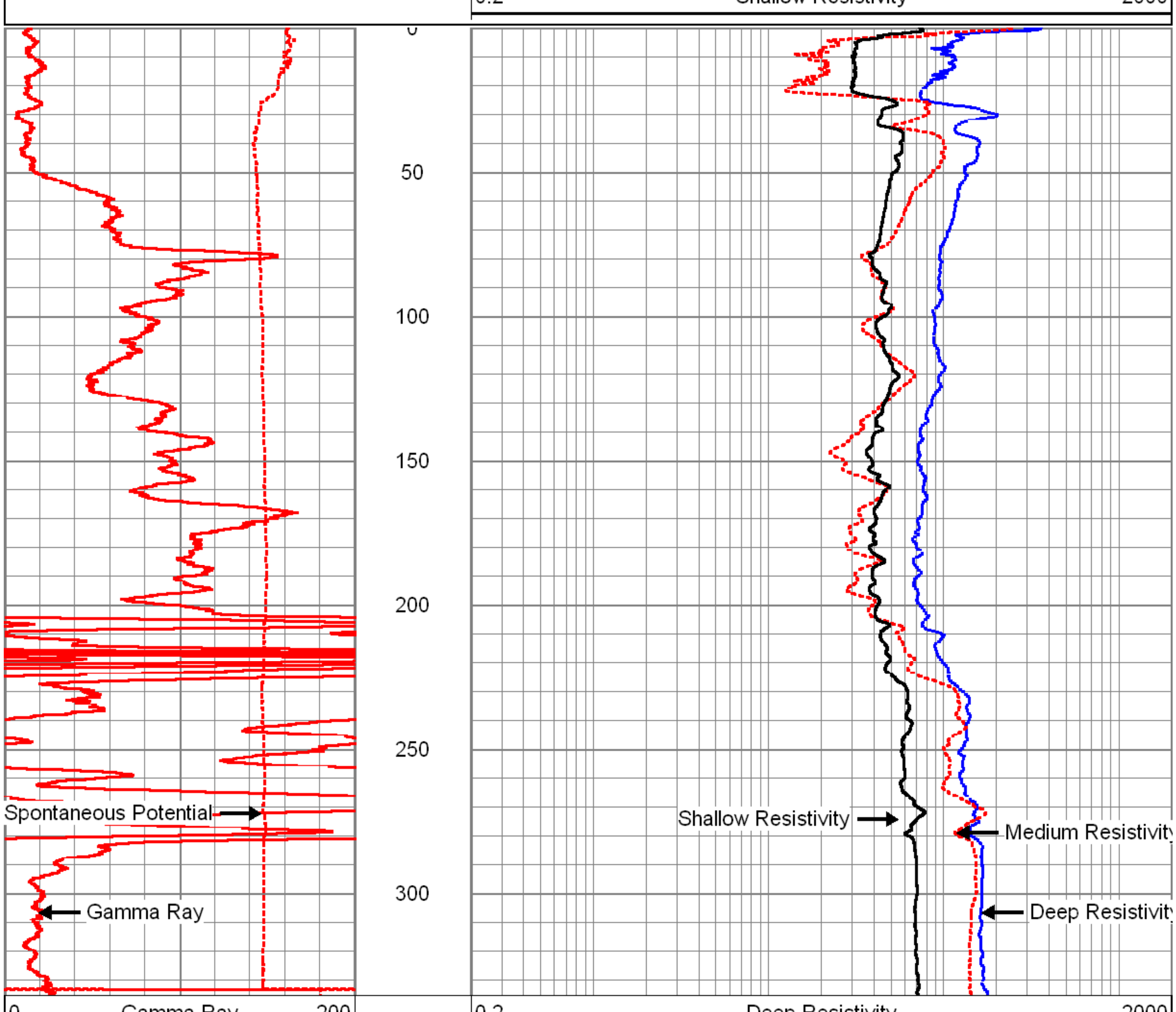


0 Gamma Ray 200	0.2 Deep Resistivity 2000
-150 Spontaneous Potential 150	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: @00002714
Presentation Format: cent-res
Dataset Creation: Thu May 12 07:03:54 2011
Charted by: Depth in Feet scaled 1:600

0 Gamma Ray 200	0.2 Deep Resistivity 2000
-150 Spontaneous Potential 150	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000

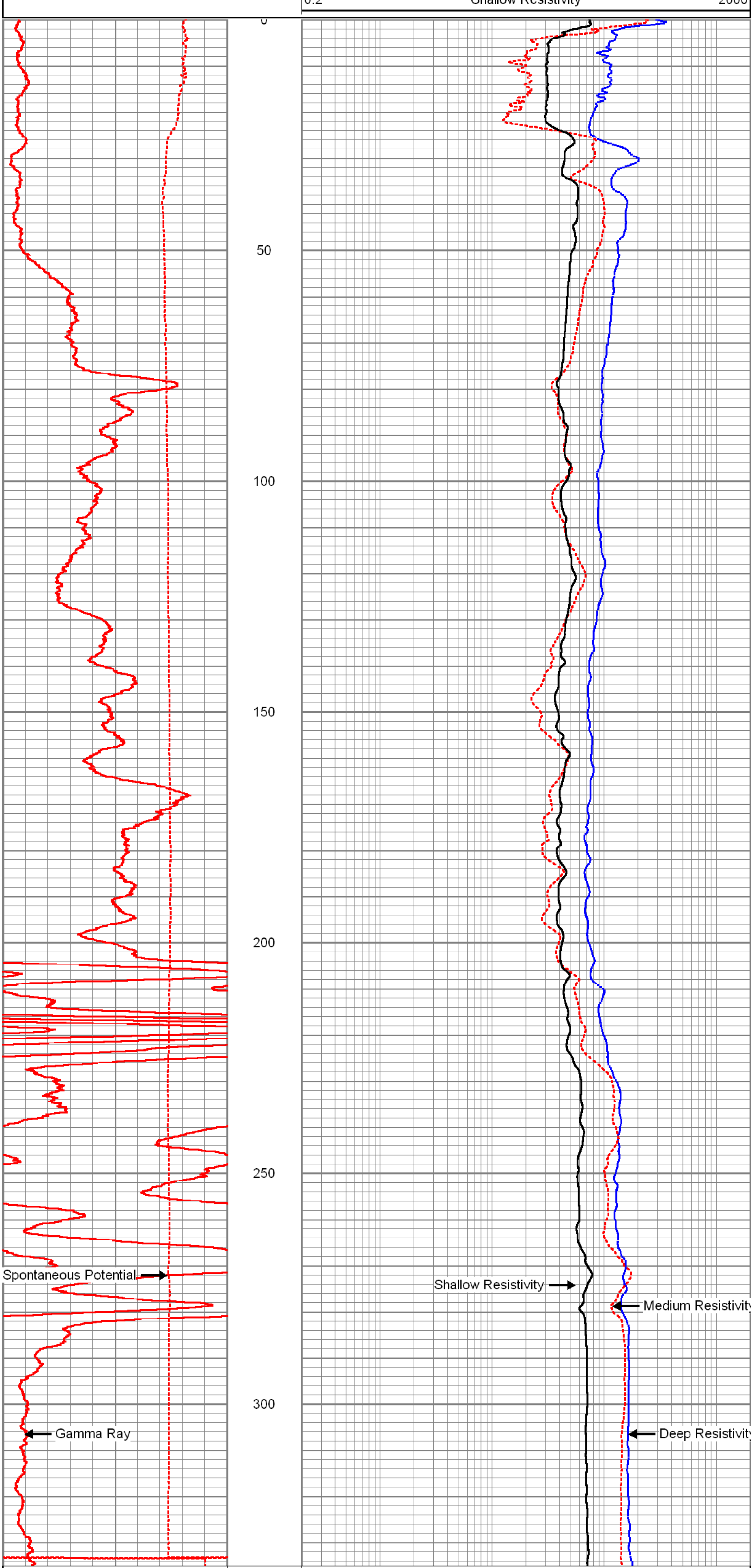


0 Gamma Ray 200	0.2 Deep Resistivity 2000
-150 Spontaneous Potential 150	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: @00002714
Presentation Format: cent-res
Dataset Creation: Thu May 12 07:03:54 2011
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray 200	0.2 Deep Resistivity 2000
-150 Spontaneous Potential 150	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000

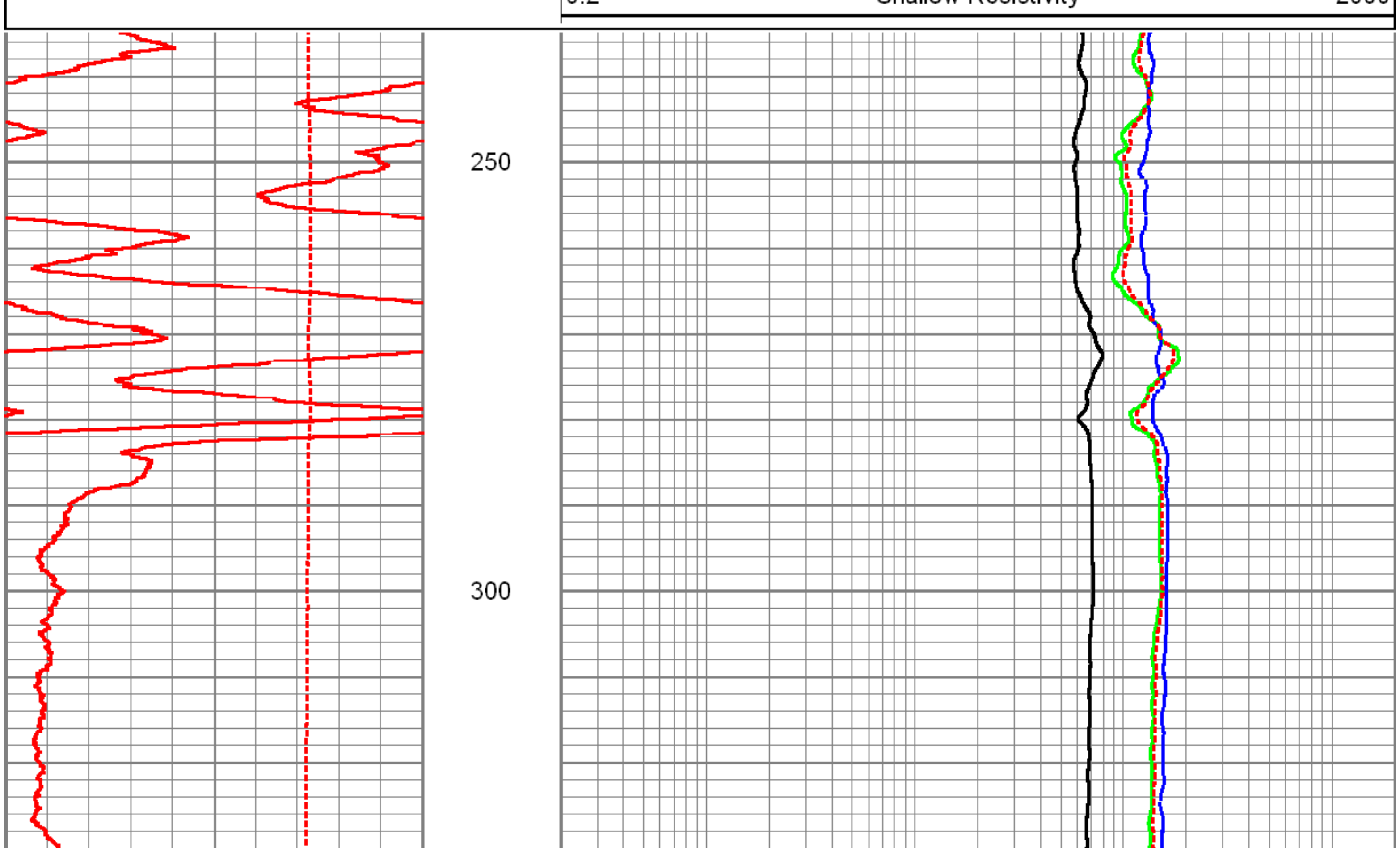


0 Gamma Ray 200	0.2 Deep Resistivity 2000
-150 Spontaneous Potential 150	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000

REPEAT PASS

Database File: kisspof27.db
Dataset Pathname: @000230ea
Presentation Format: cent-res
Dataset Creation: Thu May 12 07:03:55 2011
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray 200	0.2 Lateral Resistivity 2000
-150 Spontaneous Potential 150	0.2 Deep Resistivity 2000
	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000



0 Gamma Ray 200	0.2 Lateral Resistivity 2000
-150 Spontaneous Potential 150	0.2 Deep Resistivity 2000
	0.2 Medium Resistivity 2000
	0.2 Shallow Resistivity 2000

ALLWEBBS ENTERPRISES, INC.

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

X-Y CALIPER GAMMA RAY LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE
COMMENTS

Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	11-MAY-2011		
Run Number	ONE		
Depth Driller	350'		
Depth Logger	317'		
Bottom Logged Interval	317'		
Top Log Interval	SURFACE		
Open Hole Size	8.00"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String				
Production String				
Liner				

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Comments

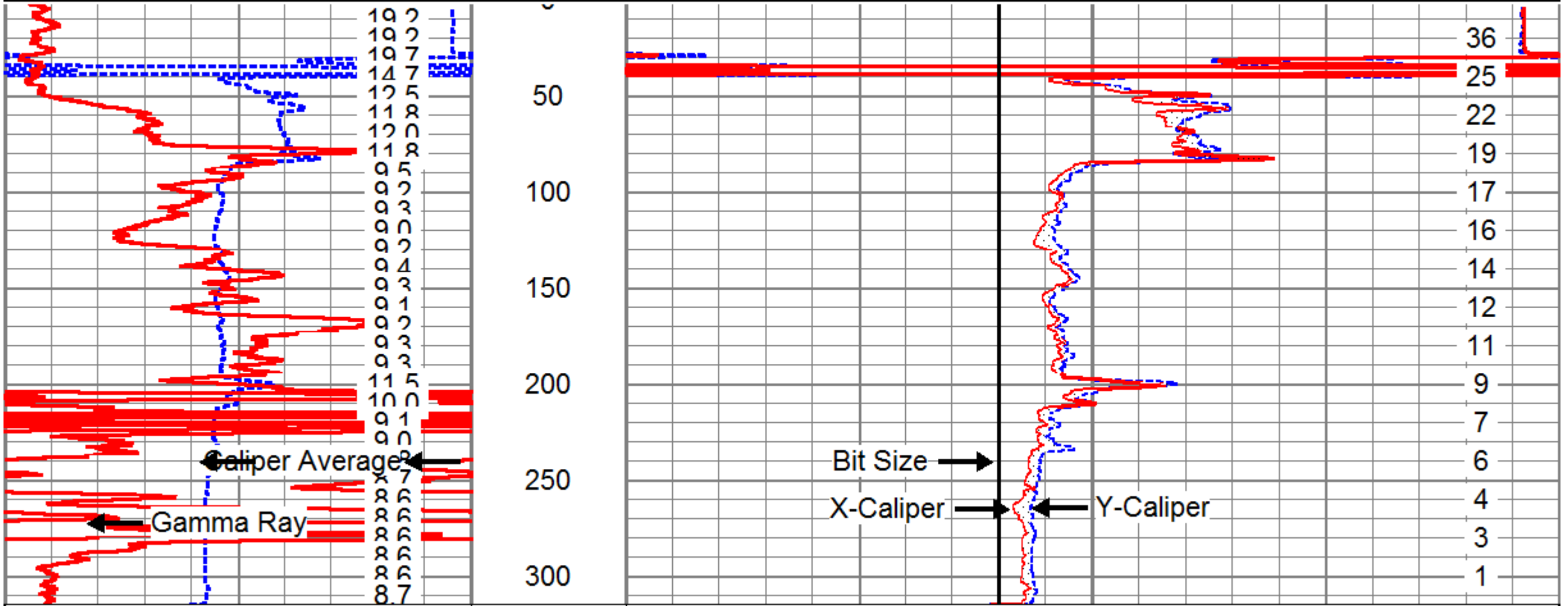
SP/GR/RES
DIL/LATERAL
BHC SONIC/VDL

ALLWEBBS

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: XYCMP1
Presentation Format: xyc
Dataset Creation: Thu May 12 00:29:28 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:1200

0 Caliper Average (in) 20	0 Y-Caliper (in) 20
0 Gamma Ray 200	0 X-Caliper (in) 20
CALA (in)	0 Borehole ID (in) 20
	TBHV (bbl)

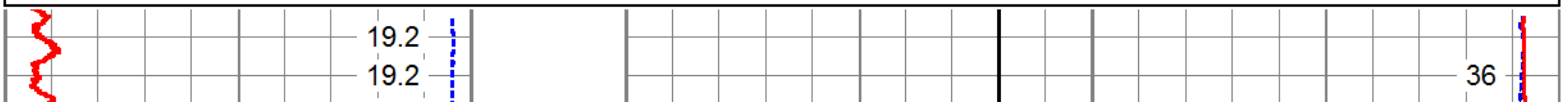


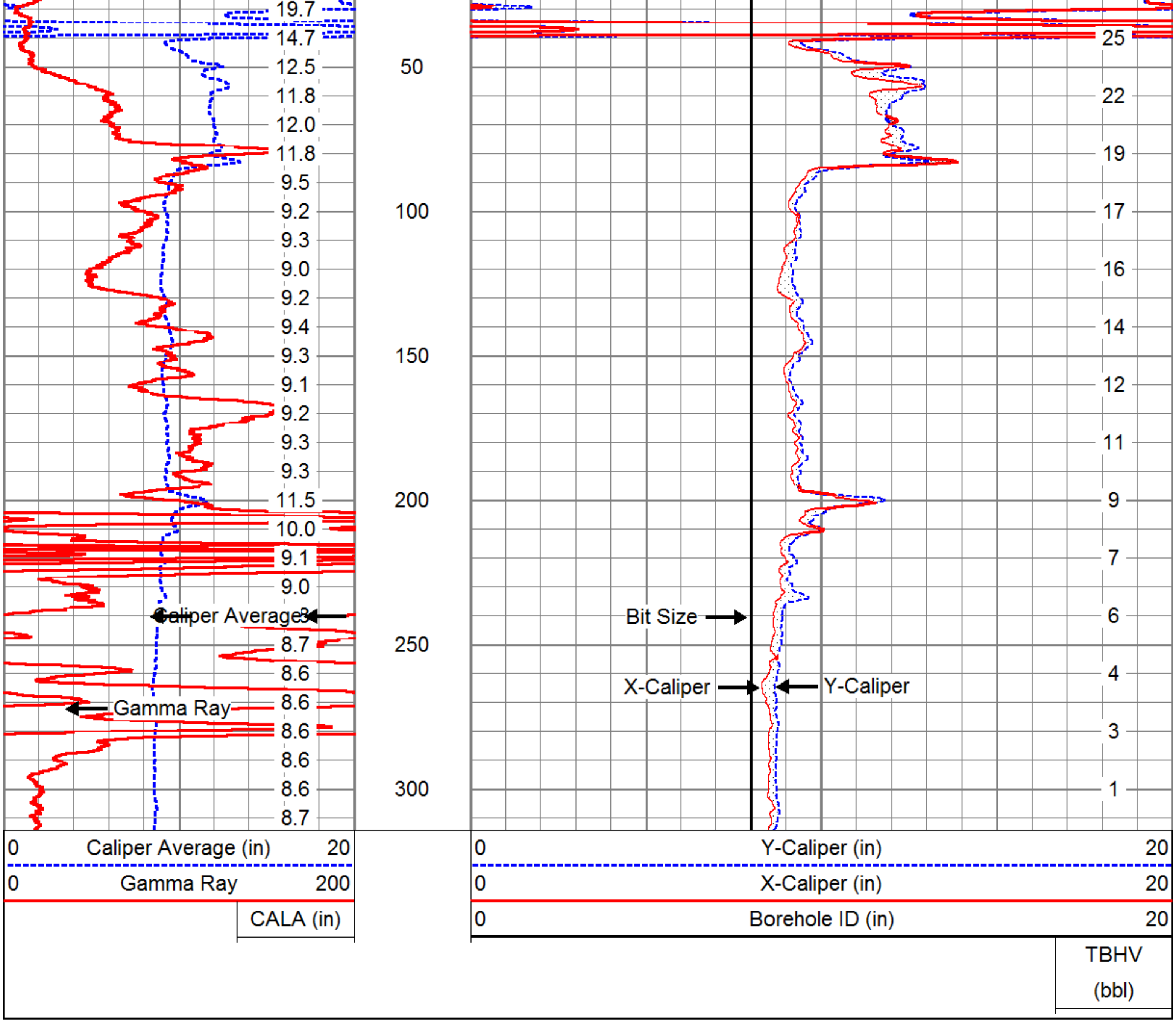
0 Caliper Average (in) 20	0 Y-Caliper (in) 20
0 Gamma Ray 200	0 X-Caliper (in) 20
CALA (in)	0 Borehole ID (in) 20
	TBHV (bbl)

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: XYCMP1
Presentation Format: xyc
Dataset Creation: Thu May 12 00:29:28 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

0 Caliper Average (in) 20	0 Y-Caliper (in) 20
0 Gamma Ray 200	0 X-Caliper (in) 20
CALA (in)	0 Borehole ID (in) 20
	TBHV (bbl)



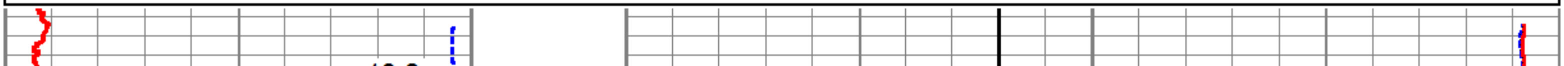


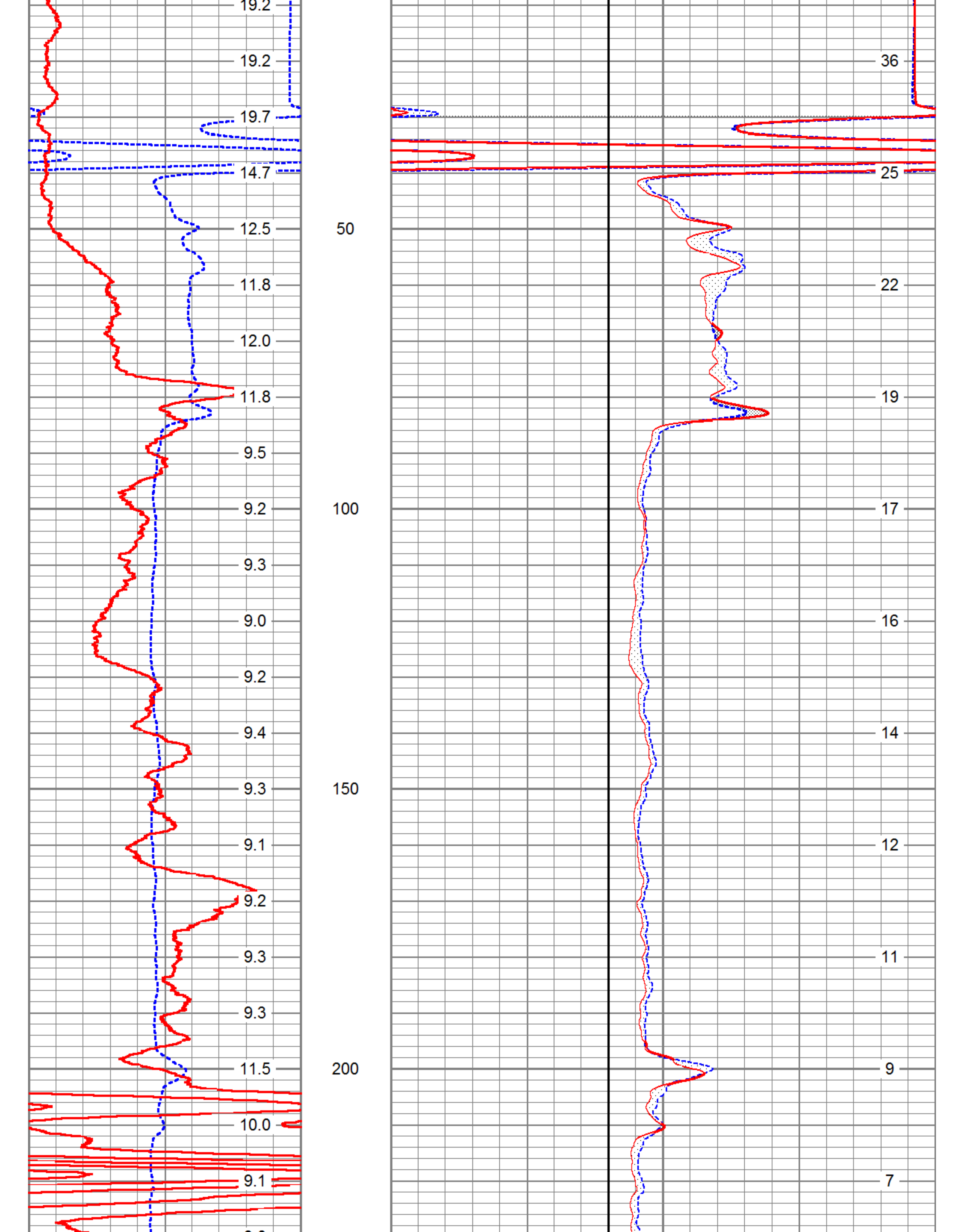
MAIN PASS

Database File: kisspof27.db
Dataset Pathname: XYCMP1
Presentation Format: xyc
Dataset Creation: Thu May 12 00:29:28 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	Caliper Average (in)	20
0	Gamma Ray	200
	CALA (in)	

0	Y-Caliper (in)	20
0	X-Caliper (in)	20
0	Borehole ID (in)	20
	TBHV (bbl)	





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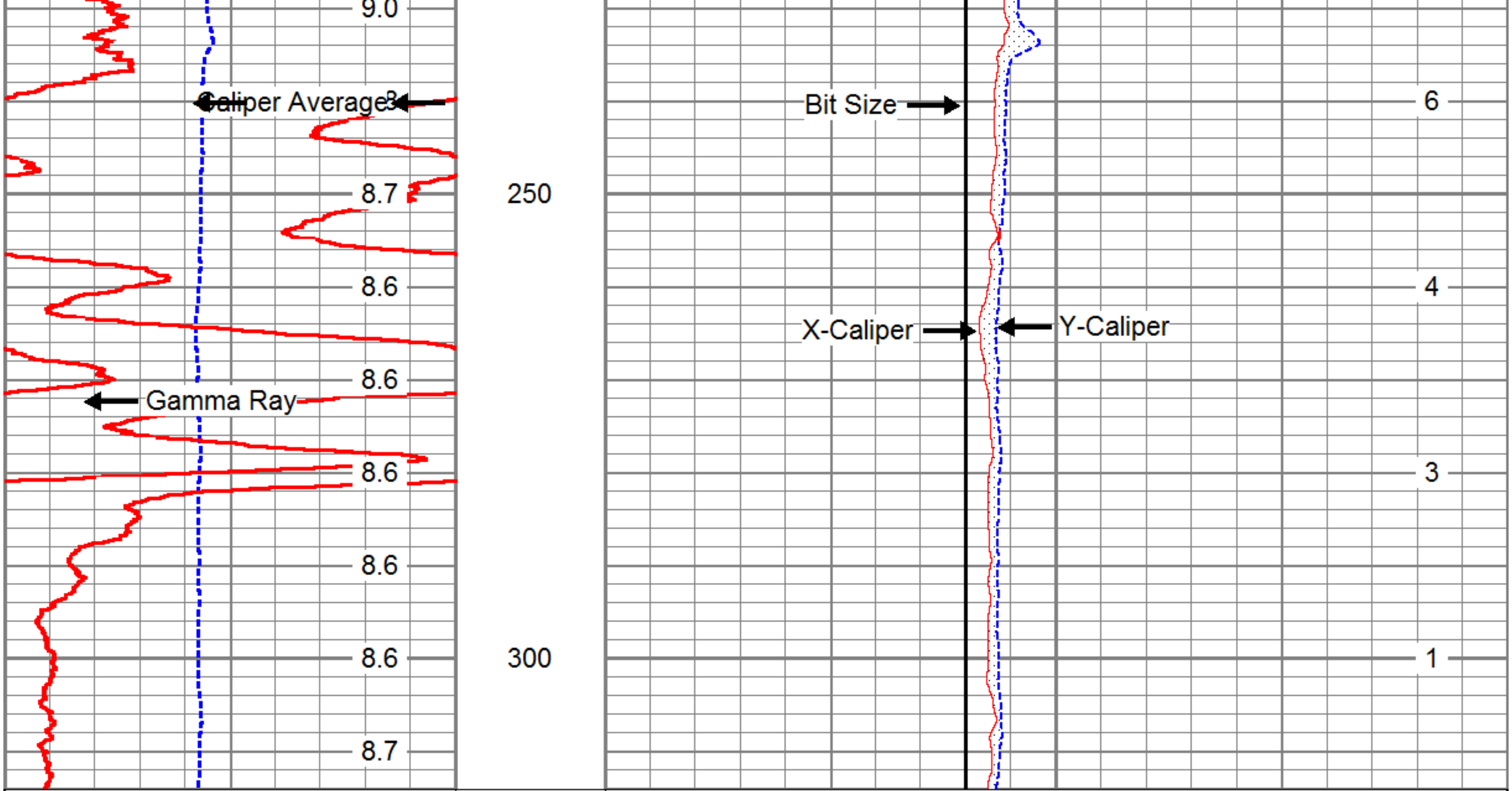


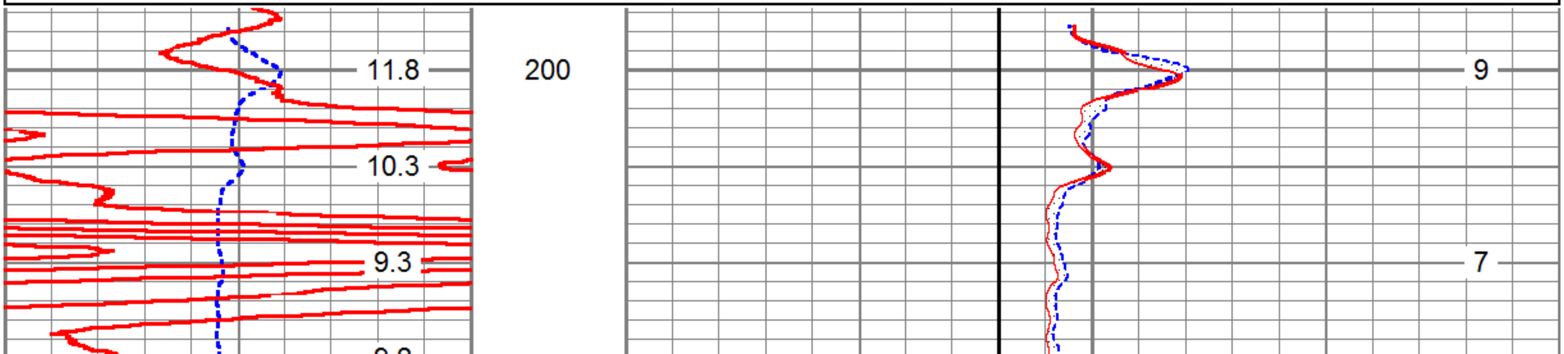
0 Caliper Average (in) 20	0 Y-Caliper (in) 20
0 Gamma Ray 200	0 X-Caliper (in) 20
CALA (in)	0 Borehole ID (in) 20
	TBHV (bbl)

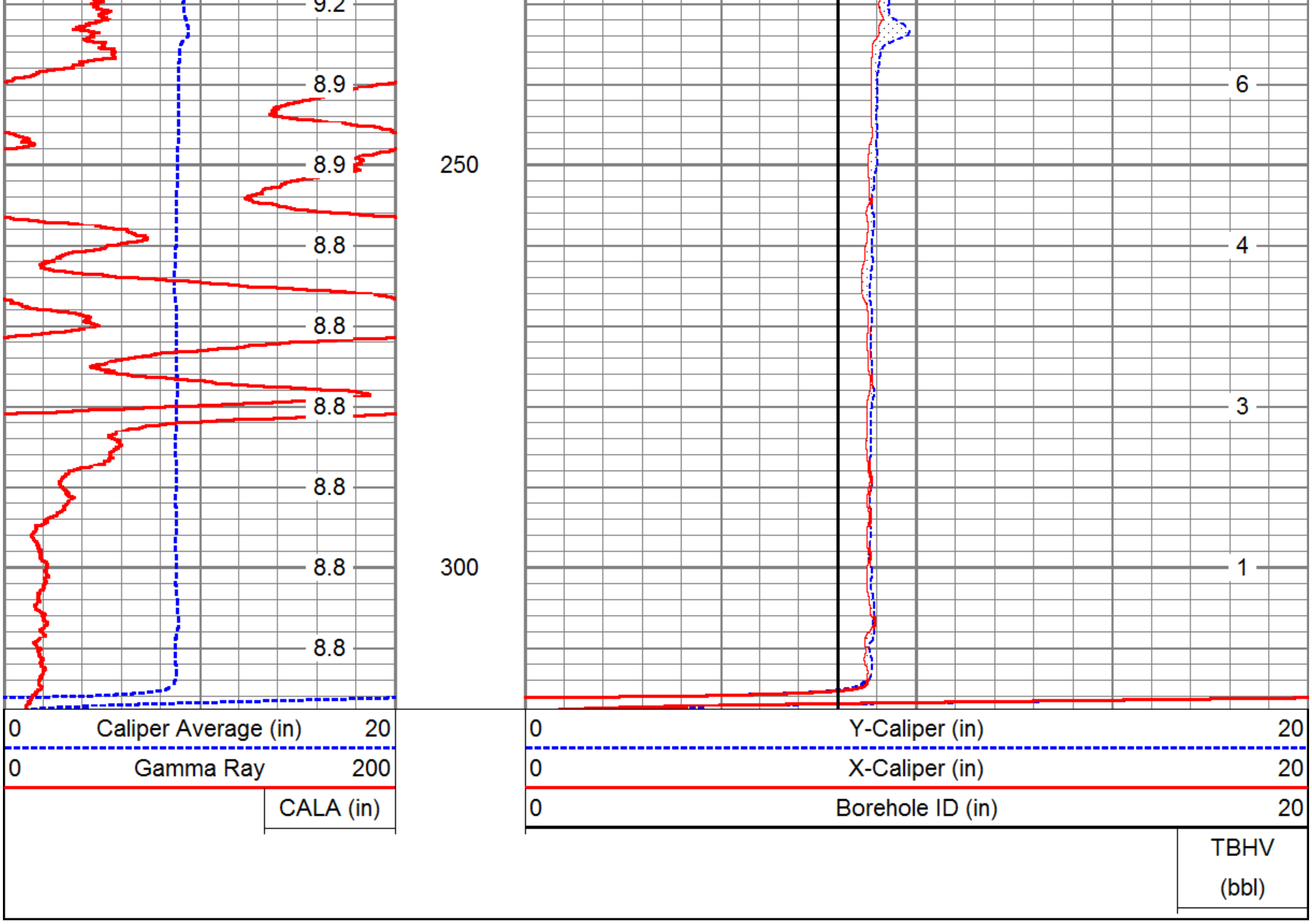
REPEAT PASS

ALLWEBBS ENTERPRISES, INC.

Database File: kisspof27.db
Dataset Pathname: XYCRP
Presentation Format: xyc
Dataset Creation: Thu May 12 00:34:40 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 Caliper Average (in) 20	0 Y-Caliper (in) 20
0 Gamma Ray 200	0 X-Caliper (in) 20
CALA (in)	0 Borehole ID (in) 20
	TBHV (bbl)





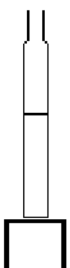
Calibration Report

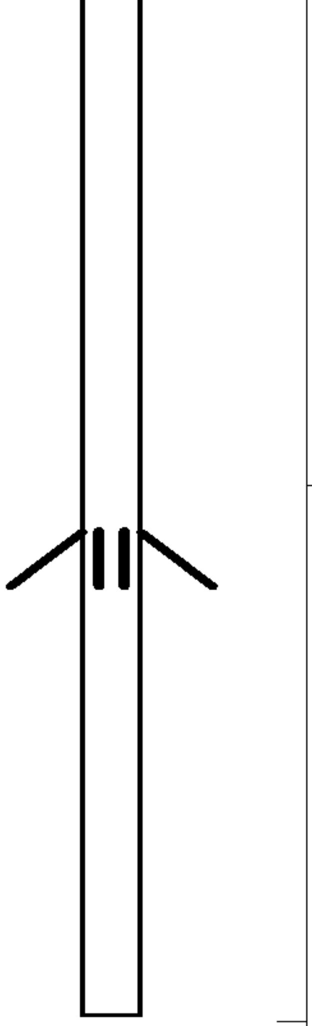
Database File: kisspof27.db
Dataset Pathname: XYCMP1
Dataset Creation: Thu May 12 00:29:28 2011 by Calc Open-Cased 071220

XY Caliper Calibration Report

Serial Number/Model: Probe1-Probe
Performed: Thu May 12 00:03:11 2011

Ring			X Caliper		Y Caliper	
1:	6	in	348.775	cps	381.802	cps
2:	15.25	in	470.605	cps	518.279	cps
3:	19.25	in	534.5	cps	584.5	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		XYC-Probe (Probe1) Probe _AWE-XY Caliper SM	5.17	3.50	99.00
XCAL	0.75				
YCAL	0.75				

Dataset:	kisspof27.db: field/well/run1/XYCRP
Total Length:	6.17 ft
Total Weight:	104.00 lb
O.D.	3.50 in

Company	SOUTH FLORIDA MGT.
Well	KISSIMMEE BASIN LFA
Field	
County	
State	

X-Y CALIPER
GAMMA RAY
LOG

Company	SOUTH FLORIDA MGT. DISTRICT		
Well	POF #27		
Field	KISSIMMEE BASIN (LFA)		
County	POLK	State	FLORIDA

Location			Other Services SEE COMMENTS
Permanent Datum	PAD	Elevation	Elevation
Log Measured From	PAD		K.B.
Drilling Measured From	PAD		D.F.
			G.L.

Date	16-MAY-2011		
Run Number	TWO		
Depth Driller	275'		
Depth Logger	275'		
Bottom Logged Interval	275'		
Top Log Interval	SURFACE		
Open Hole Size	19'		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS	C. MC MILLAN	S. ANDERSON

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	SURFACE	350'				
TWO	19.00"	CASING	250'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String				
Production String				
Tubing				

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Comments

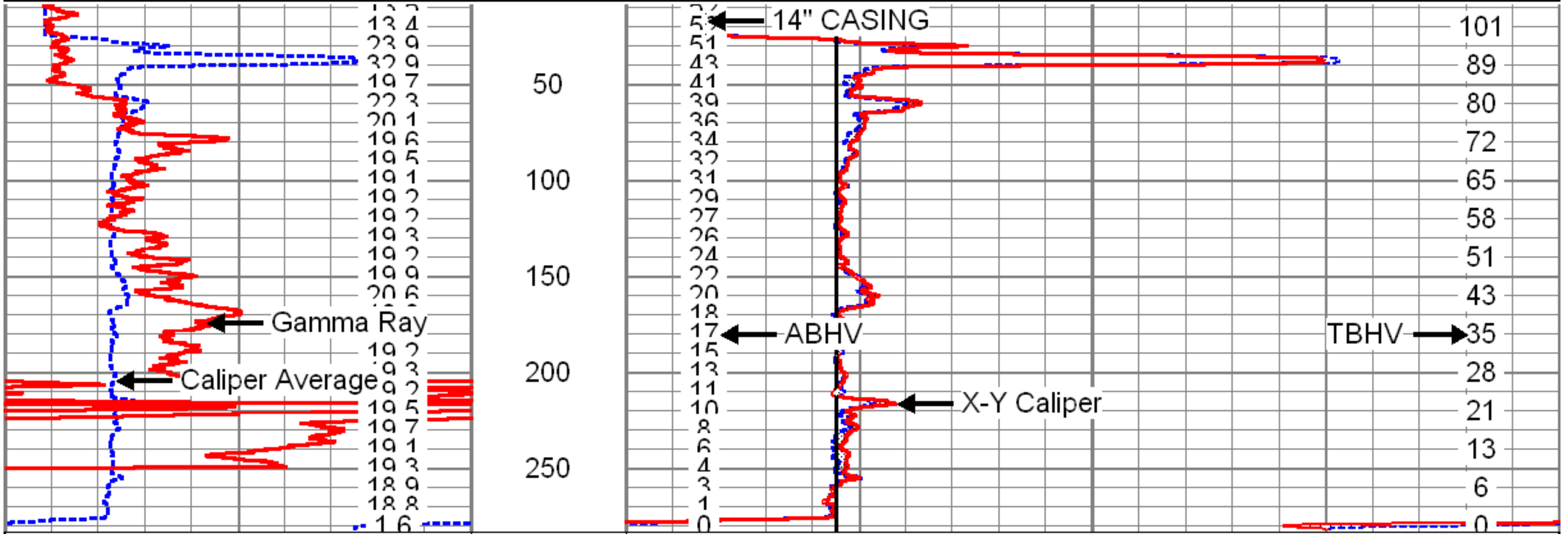
ABHV COMPUTED WITH 14" CASING
(BBLS)

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: run2/XYCMP2MP
Presentation Format: xyc
Dataset Creation: Mon May 16 15:17:50 2011 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:1200

10 Caliper Average (in) 50
0 Gamma Ray 200
CALA (in)

10 Y-Caliper (in) 50
10 X-Caliper (in) 50
10 Bit Size (in) 50
ABHV (bbl)
TBHV (bbl)



10 Caliper Average (in) 50
0 Gamma Ray 200
CALA (in)

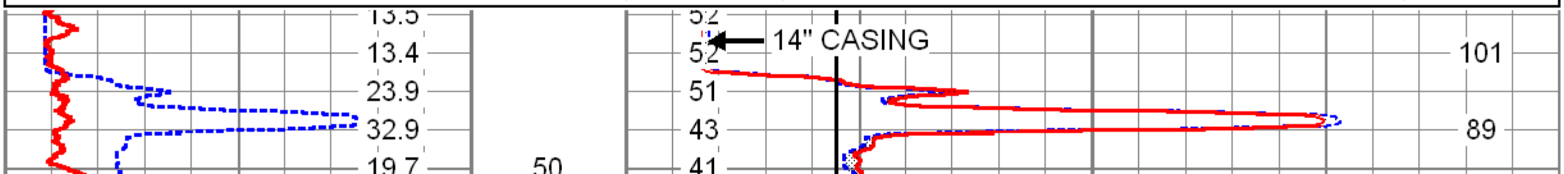
10 Y-Caliper (in) 50
10 X-Caliper (in) 50
10 Bit Size (in) 50
ABHV (bbl)
TBHV (bbl)

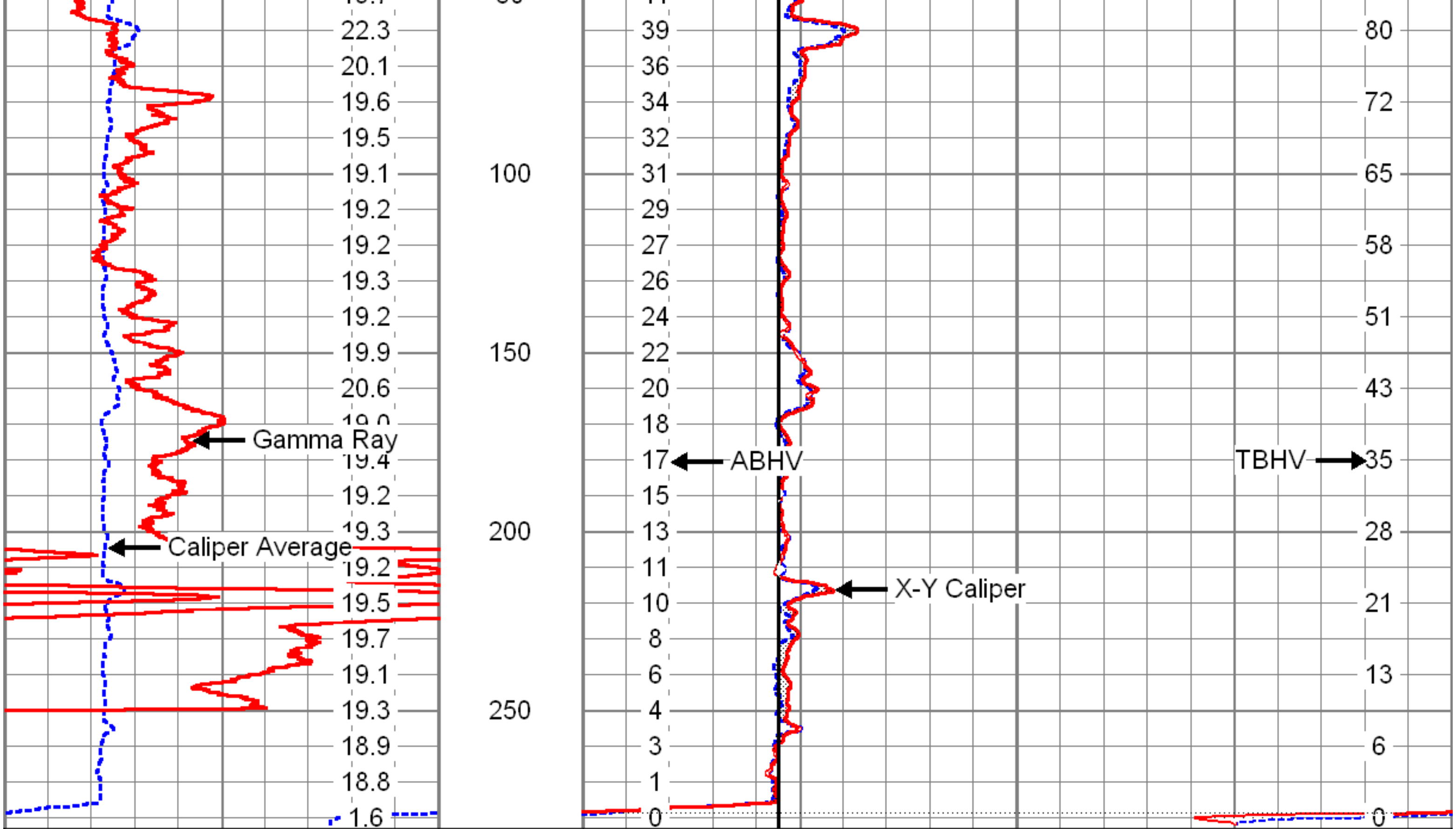
MAIN PASS

Database File: kisspof27.db
Dataset Pathname: run2/XYCMP2MP
Presentation Format: xyc
Dataset Creation: Mon May 16 15:17:50 2011 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:600

10 Caliper Average (in) 50
0 Gamma Ray 200
CALA (in)

10 Y-Caliper (in) 50
10 X-Caliper (in) 50
10 Bit Size (in) 50
ABHV (bbl)
TBHV (bbl)



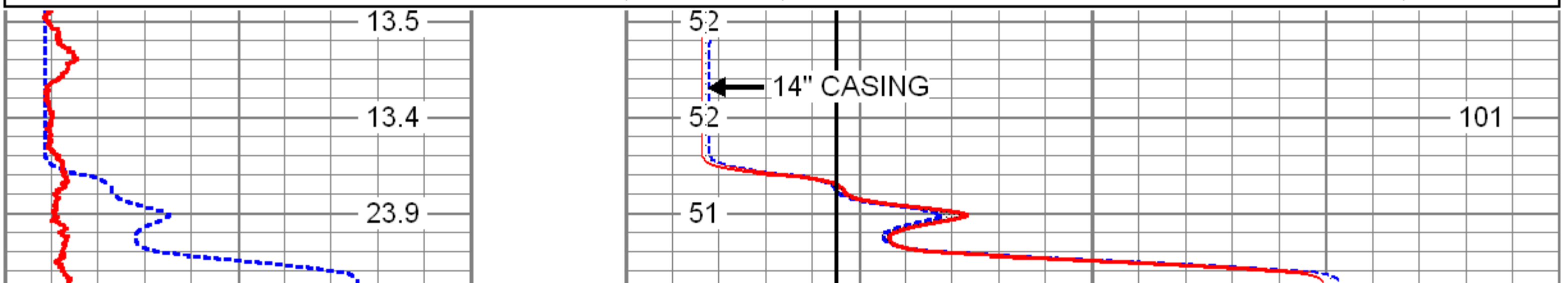


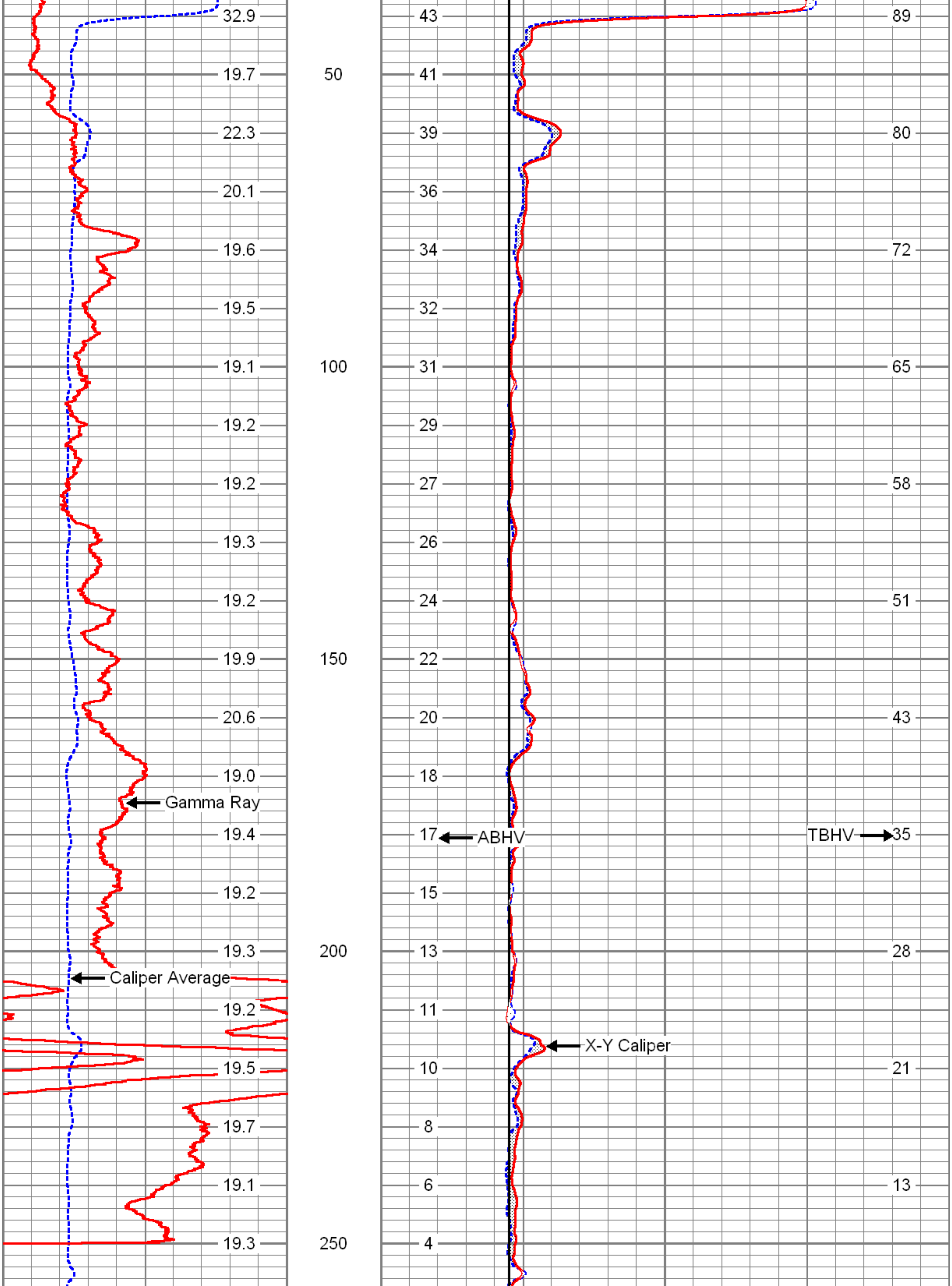
10 Caliper Average (in) 50	10 Y-Caliper (in) 50
0 Gamma Ray 200	10 X-Caliper (in) 50
CALA (in)	10 Bit Size (in) 50
	ABHV (bbl) / TBHV (bbl)

MAIN PASS

Database File: kisspof27.db
Dataset Pathname: run2/XYCMP2MP
Presentation Format: xyc
Dataset Creation: Mon May 16 15:17:50 2011 by Calc Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

10 Caliper Average (in) 50	10 Y-Caliper (in) 50
0 Gamma Ray 200	10 X-Caliper (in) 50
CALA (in)	10 Bit Size (in) 50
	ABHV (bbl) / TBHV (bbl)





32.9
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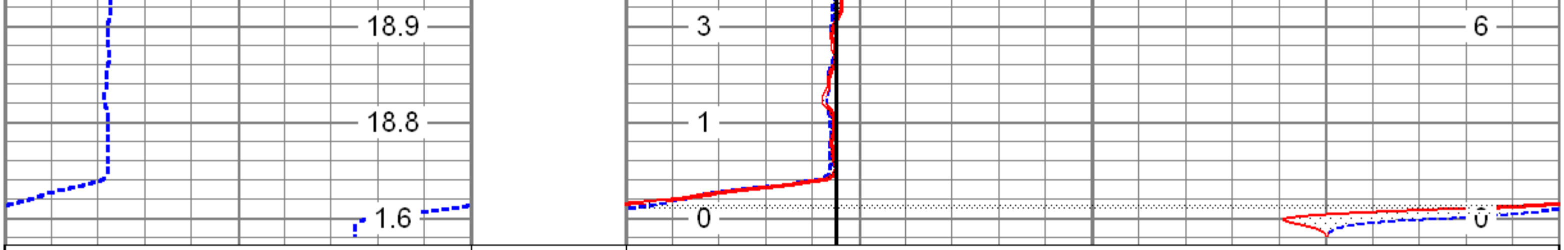
Gamma Ray
Caliper Average
ABHV
TBHV
X-Y Caliper



10	Caliper Average (in)	50
0	Gamma Ray	200
	CALA (in)	

10	Y-Caliper (in)	50
10	X-Caliper (in)	50
10	Bit Size (in)	50
ABHV (bbl)		TBHV (bbl)

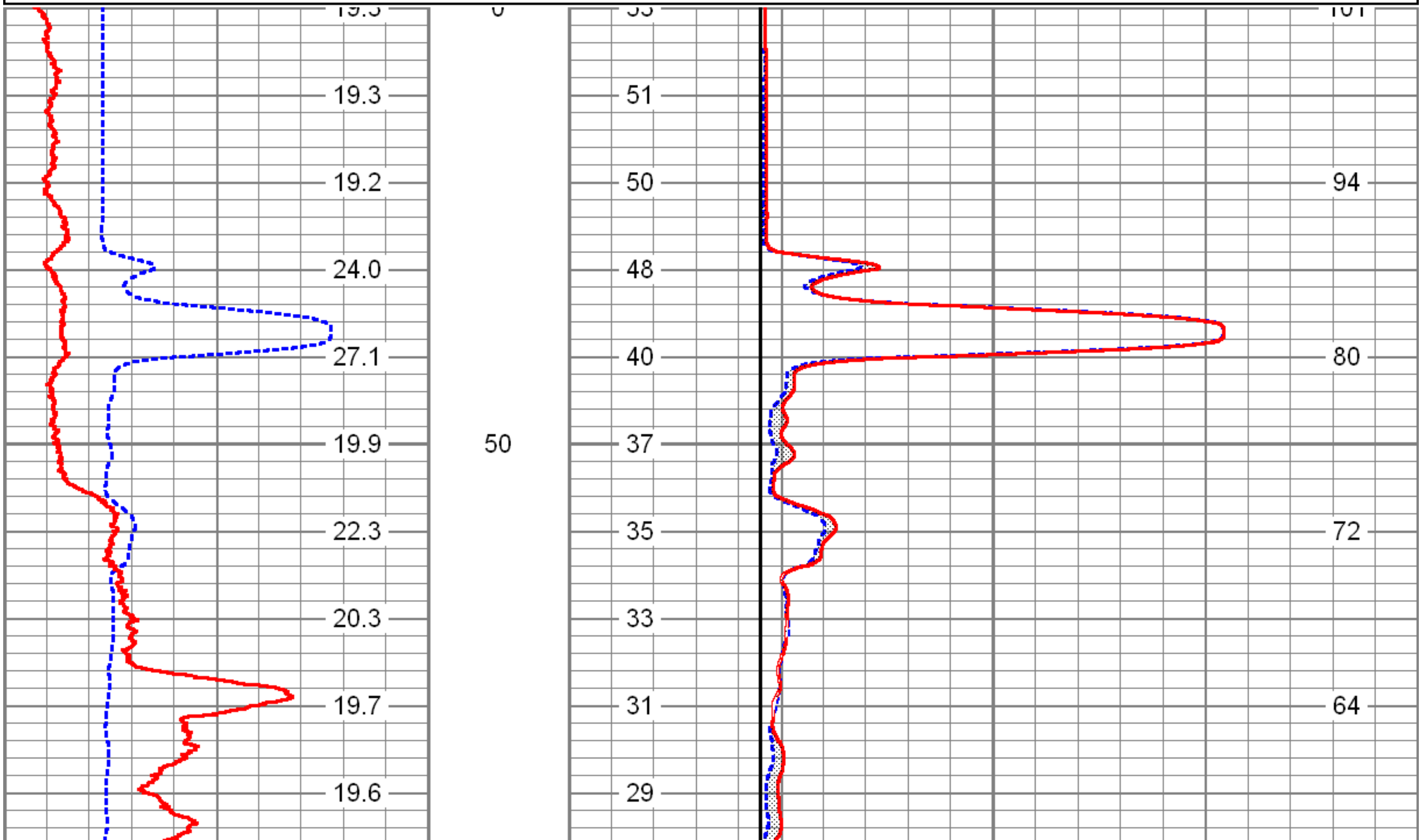
ALLWEBBS

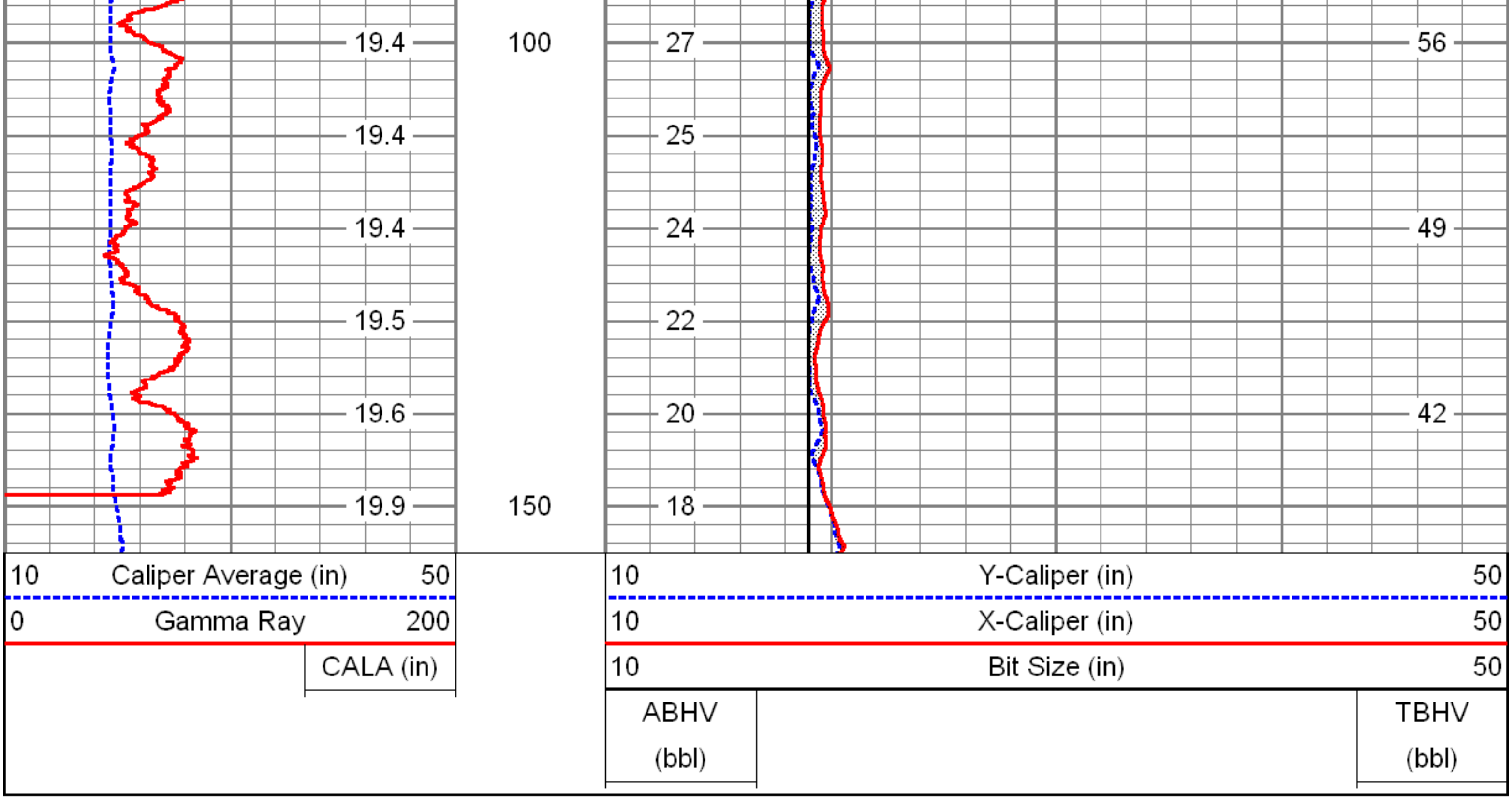
REPEAT PASS

Database File:	kisspof27.db
Dataset Pathname:	run2/XYCMPPRP
Presentation Format:	xyc
Dataset Creation:	Mon May 16 13:36:02 2011 by Calc Open-Cased 100827
Charted by:	Depth in Feet scaled 1:240

10	Caliper Average (in)	50
0	Gamma Ray	200
	CALA (in)	

10	Y-Caliper (in)	50
10	X-Caliper (in)	50
10	Bit Size (in)	50
ABHV (bbl)		TBHV (bbl)





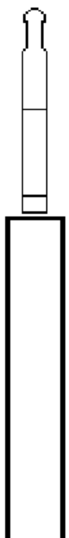
Calibration Report

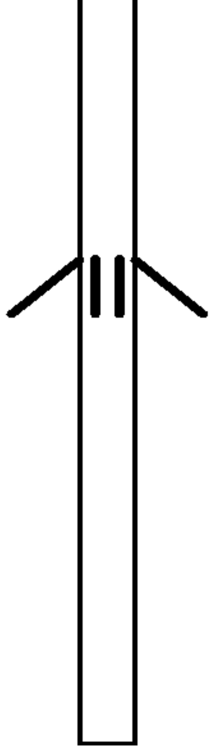
Database File: kisspof27.db
Dataset Pathname: run2/XYCMP1MP
Dataset Creation: Mon May 16 13:41:53 2011 by Calc Open-Cased 100827

XY Caliper Calibration Report

Serial Number/Model: Probe1-Probe
Performed: Mon May 16 13:33:38 2011

Ring			X Caliper		Y Caliper	
1:	6	in	353.5	cps	385.8	cps
2:	10	in	395.005	cps	425.255	cps
3:	12.25	in	429.08	cps	469.07	cps
4:	15.25	in	476.59	cps	520.56	cps
5:	19.25	in	537.04	cps	587.86	cps
6:	30	in	705.643	cps	772.733	cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00

XCAL YCAL	0.50 0.50		XYC-Probe (Probe1) Probe XY Caliper with 12" extensions	5.17	3.50	99.00

Dataset:	kisspof27.db: field/well/run2/XYCMP1MP
Total Length:	6.17 ft
Total Weight:	104.00 lb
O.D.	3.50 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

ALLWEBBS ENTERPRISES, INC.

BOREHOLE COMPENSATED SONIC/VDL LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API #:
SEC TWP RGE

Other Services
SEE COMMENTS

Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	08-JUN-2011		
Run Number	THREE		
Depth Driller	1403'		
Depth Logger	1403'		
Bottom Logged Interval	1403'		
Top Log Interval	CASING		
Open Hole Size	8"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS	B. COLLINS	S. ANDERSON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				
TWO	19.00"	CASING	250'				
THREE	8.00"	CASING	1403'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String	14"	.375 W.T	SURFACE	275'
Production String				
Liner				

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Comments

FLOWMETER
DIL/SP
XYC/GR
FCT

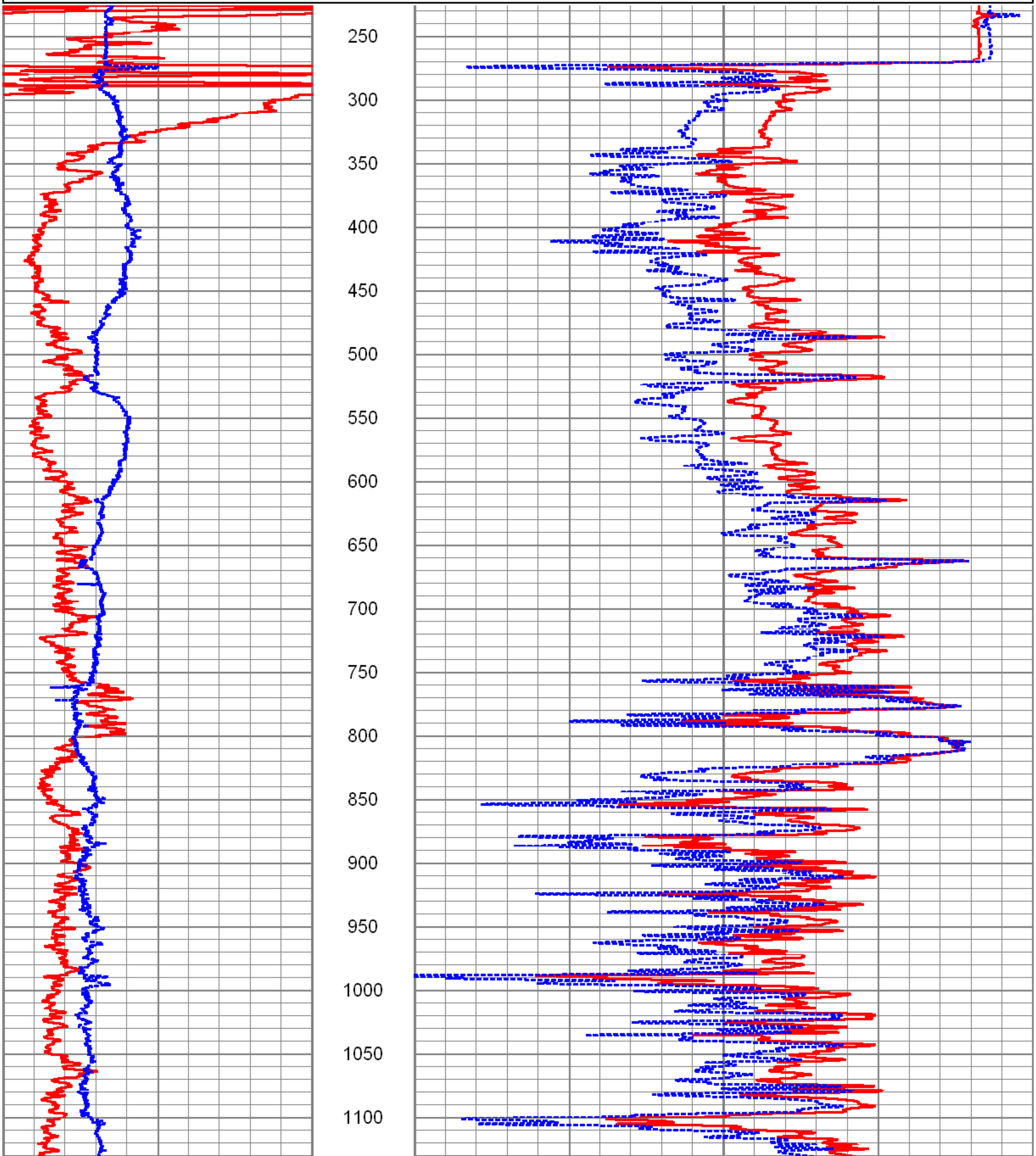
ALLWEBBS

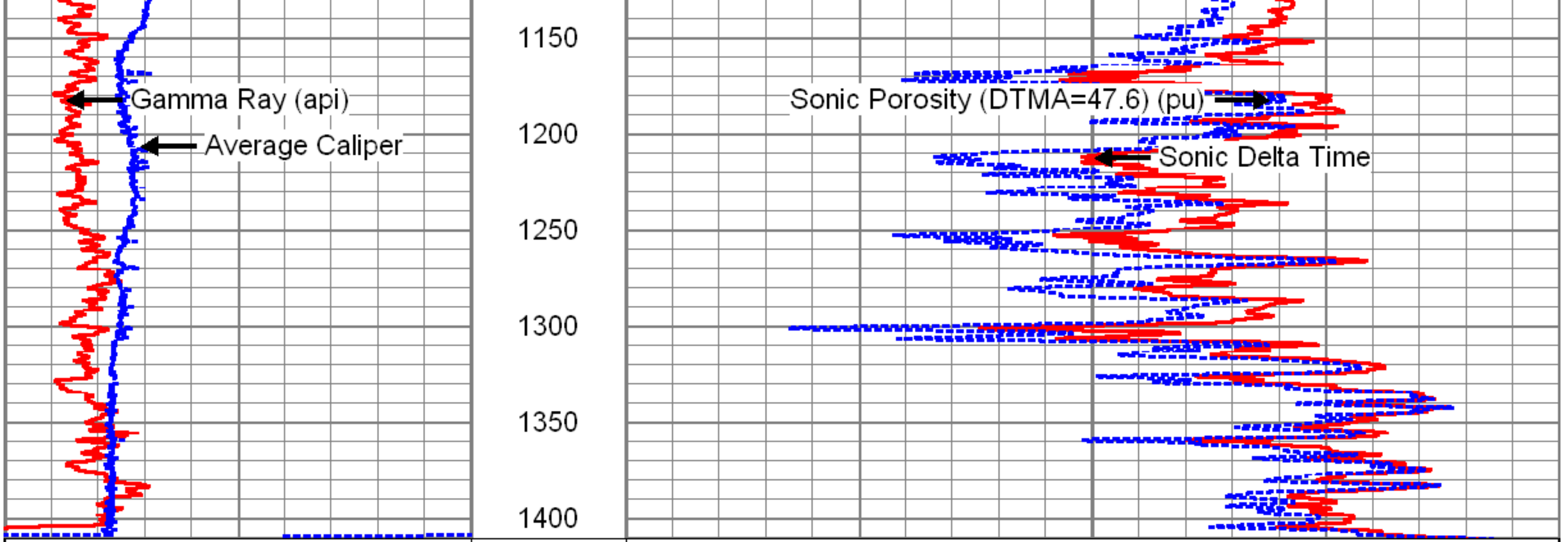
MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof27.db
Dataset Pathname:	run3/BHCMP
Presentation Format:	bhc_por
Dataset Creation:	Wed Jun 08 15:00:01 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0



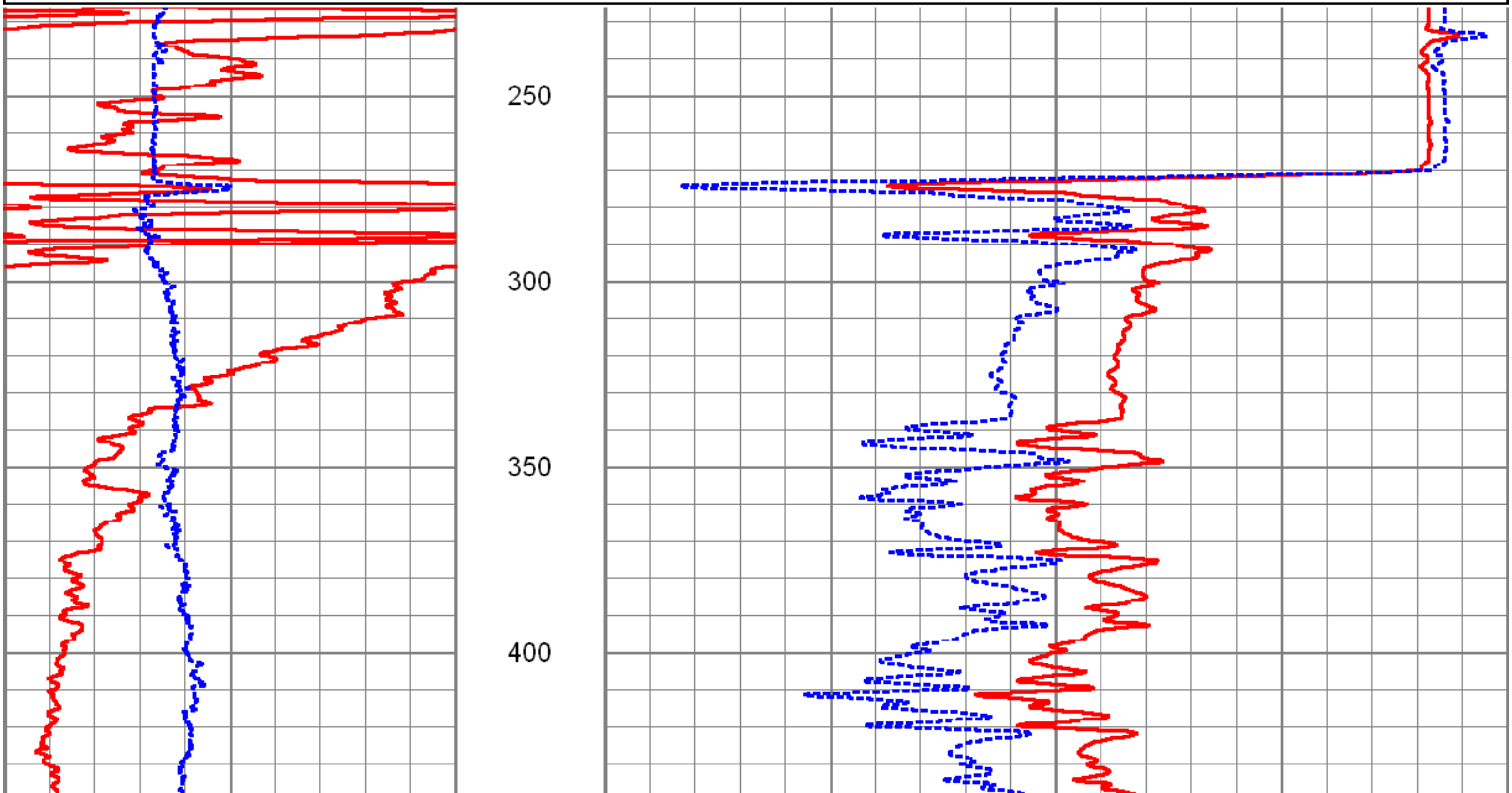


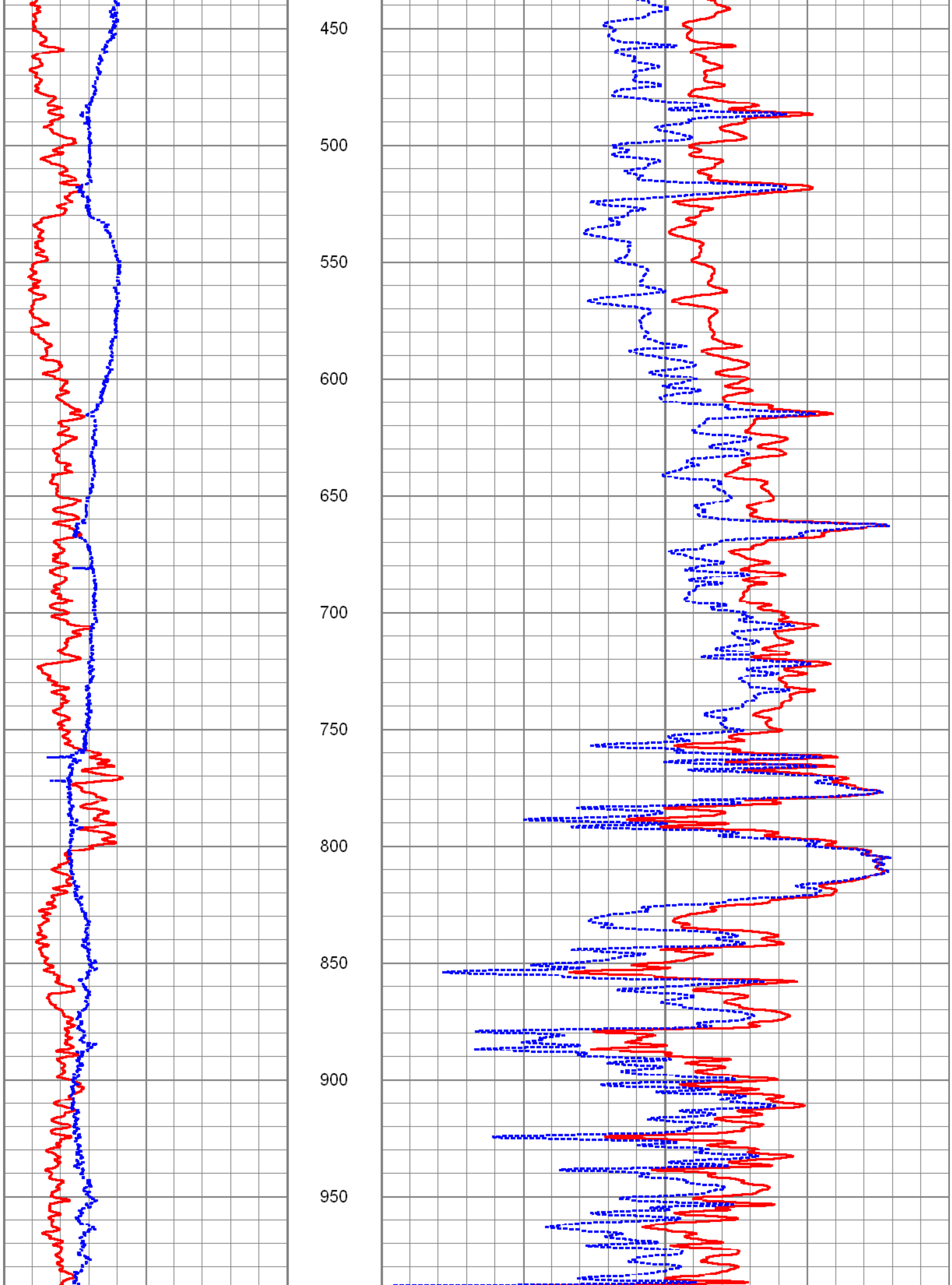
0 Gamma Ray (api) (GAPI) 100	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

MAIN PASS

Database File:	kisspof27.db
Dataset Pathname:	run3/BHCMP
Presentation Format:	bhc_por
Dataset Creation:	Wed Jun 08 15:00:01 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:600

0 Gamma Ray (api) (GAPI) 100	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0





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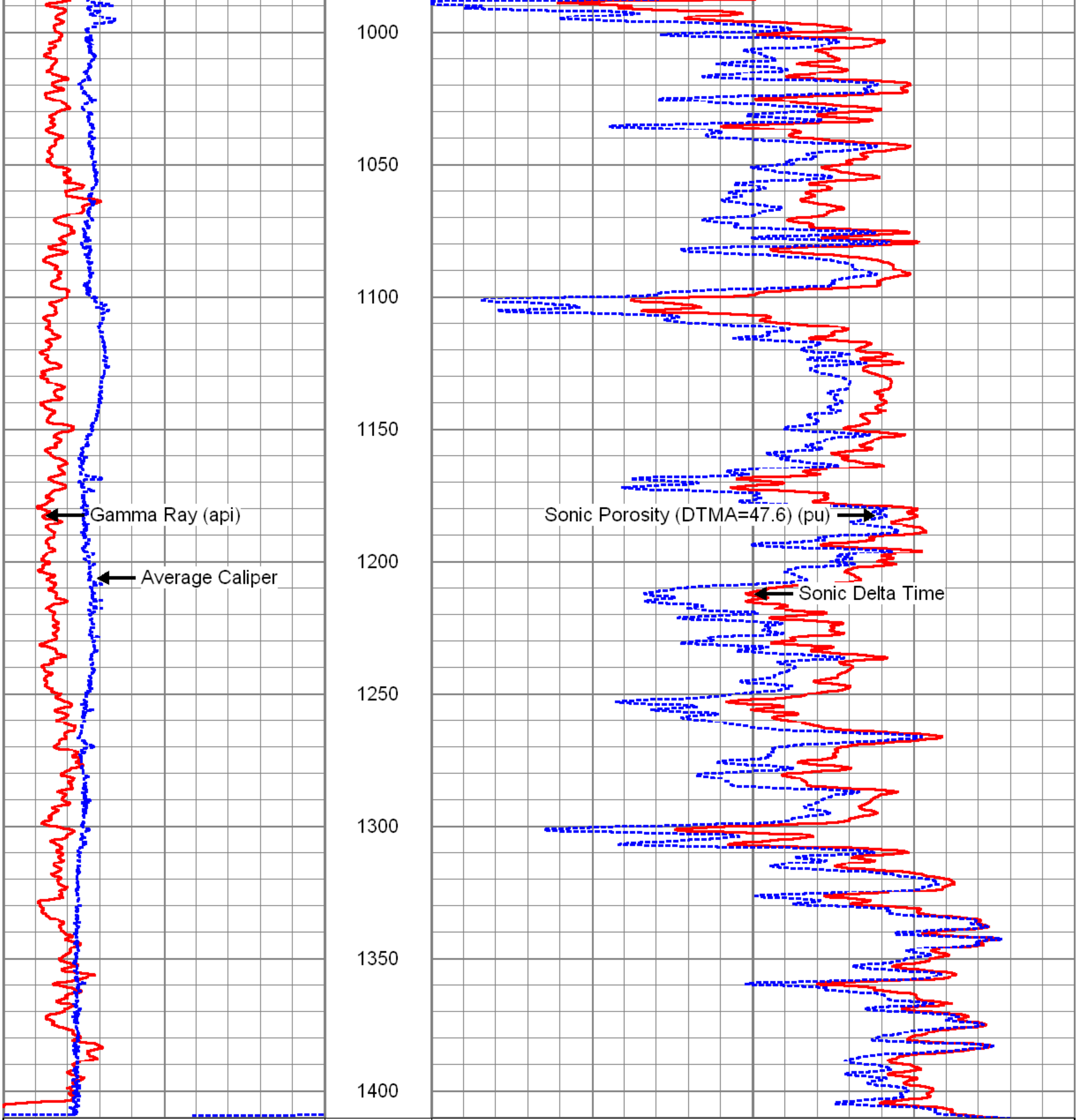


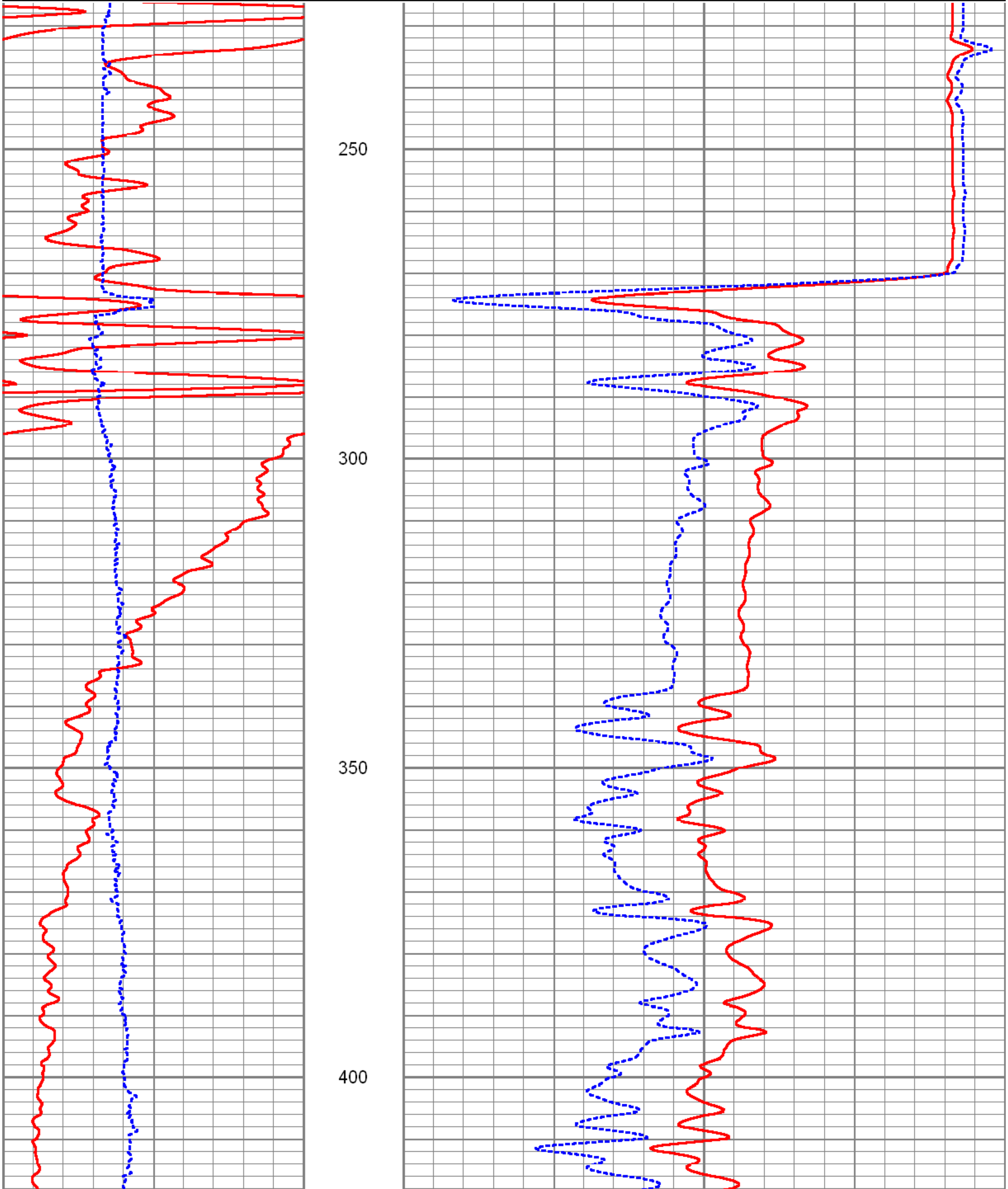
0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

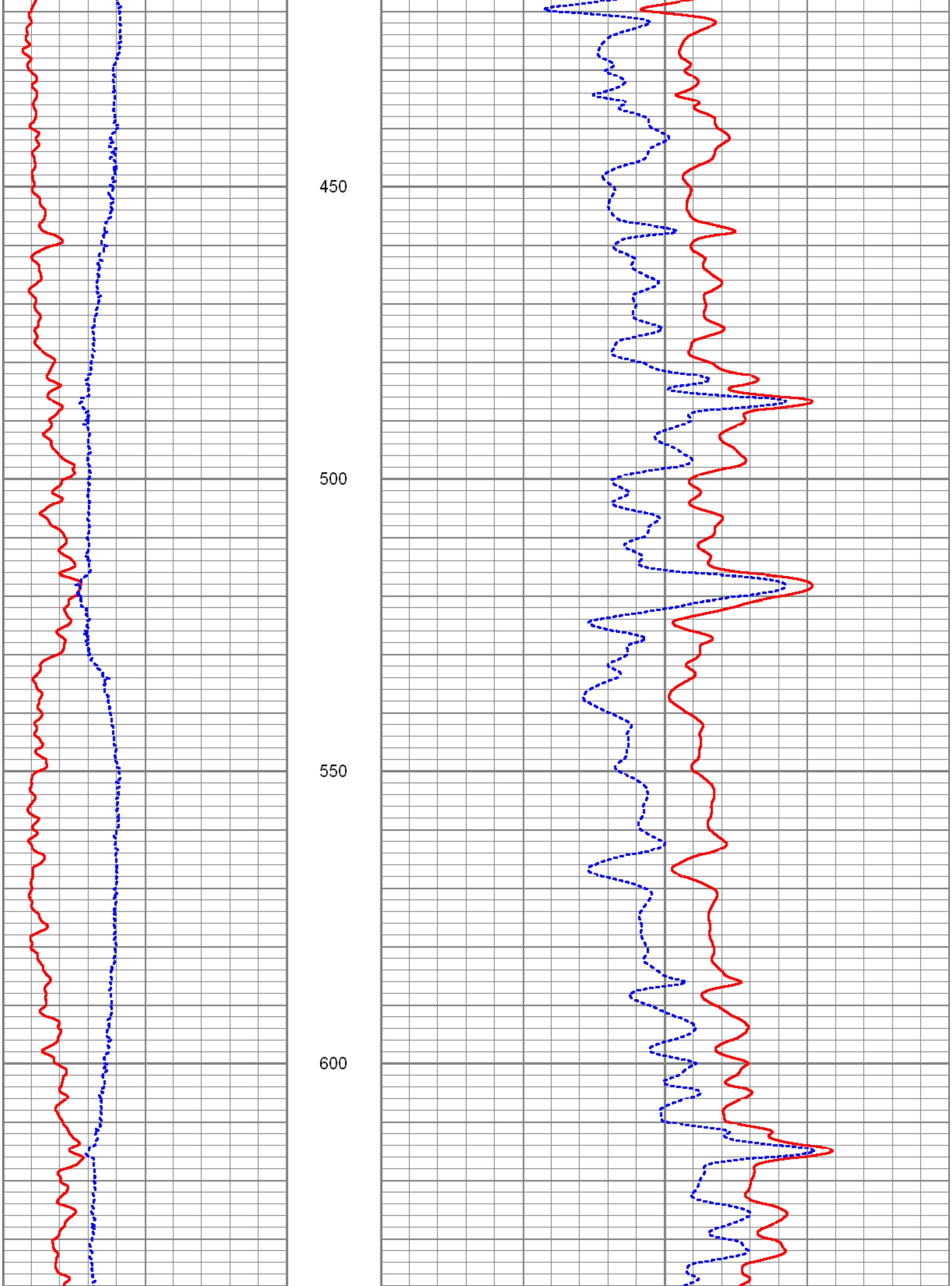
MAIN PASS

Database File: kisspof27.db
Dataset Pathname: run3/BHCMP

Presentation Format: bhc_por
Dataset Creation: Wed Jun 08 15:00:01 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (api) (GAPI) 100		240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40		100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

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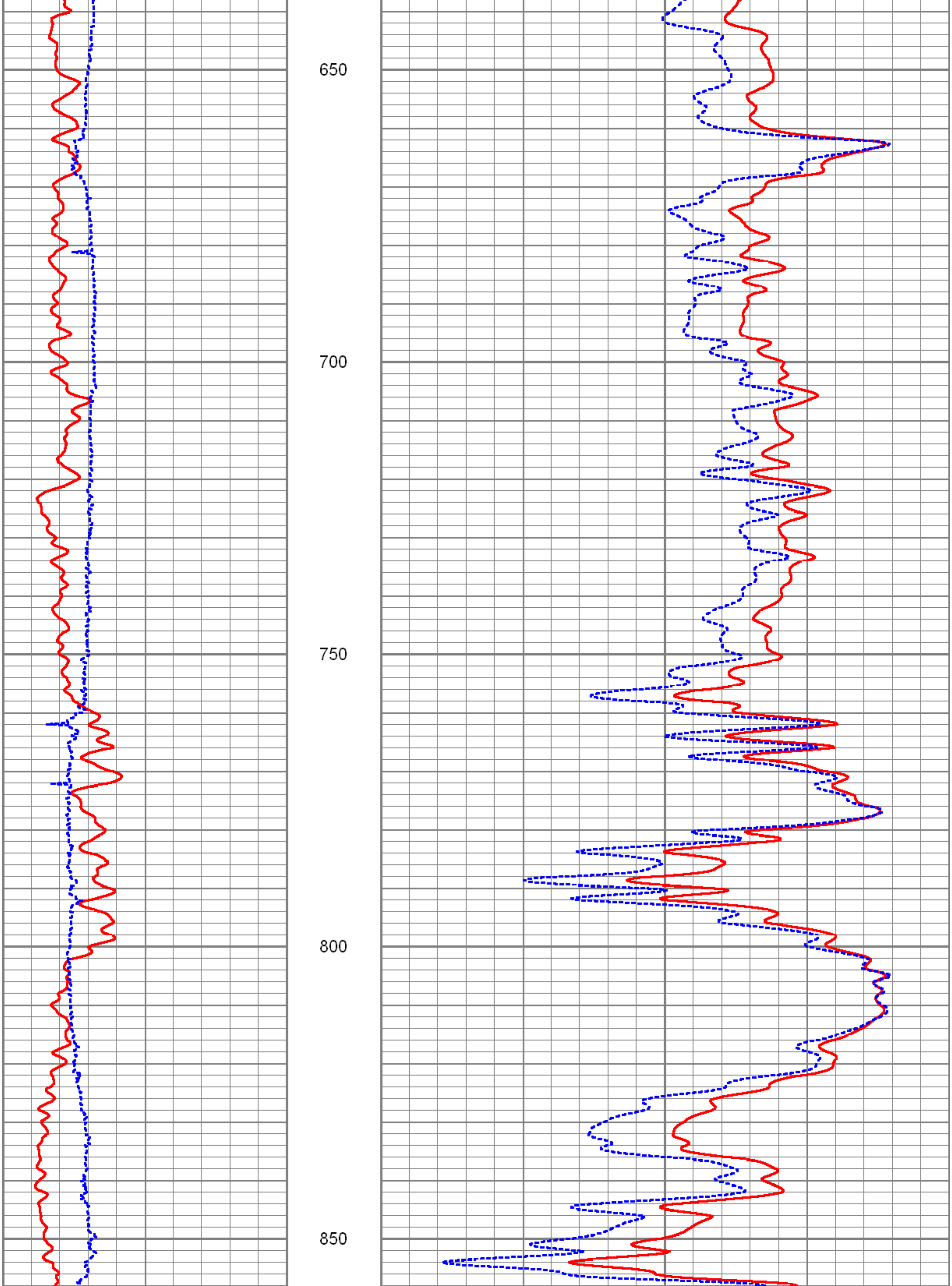
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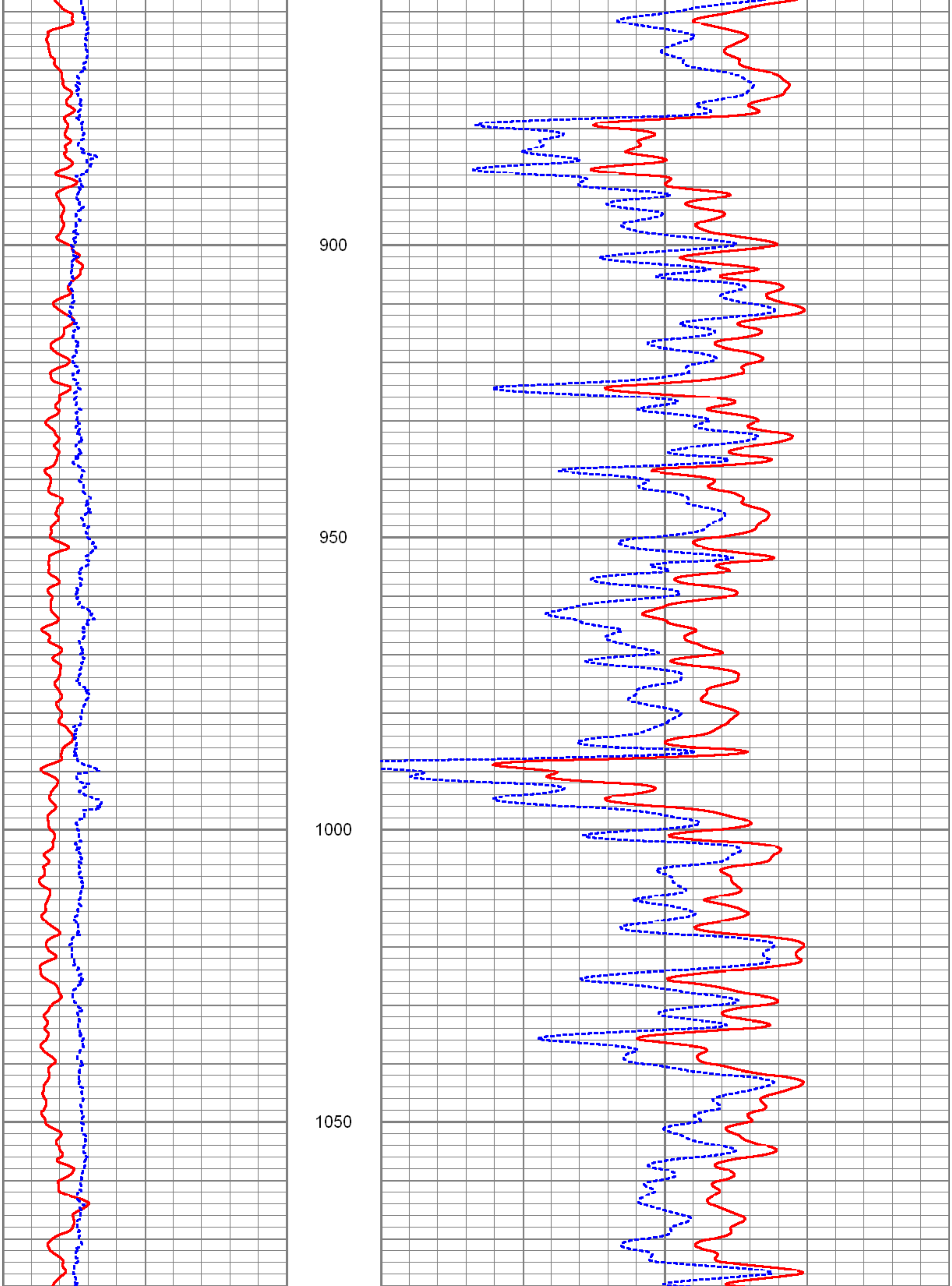
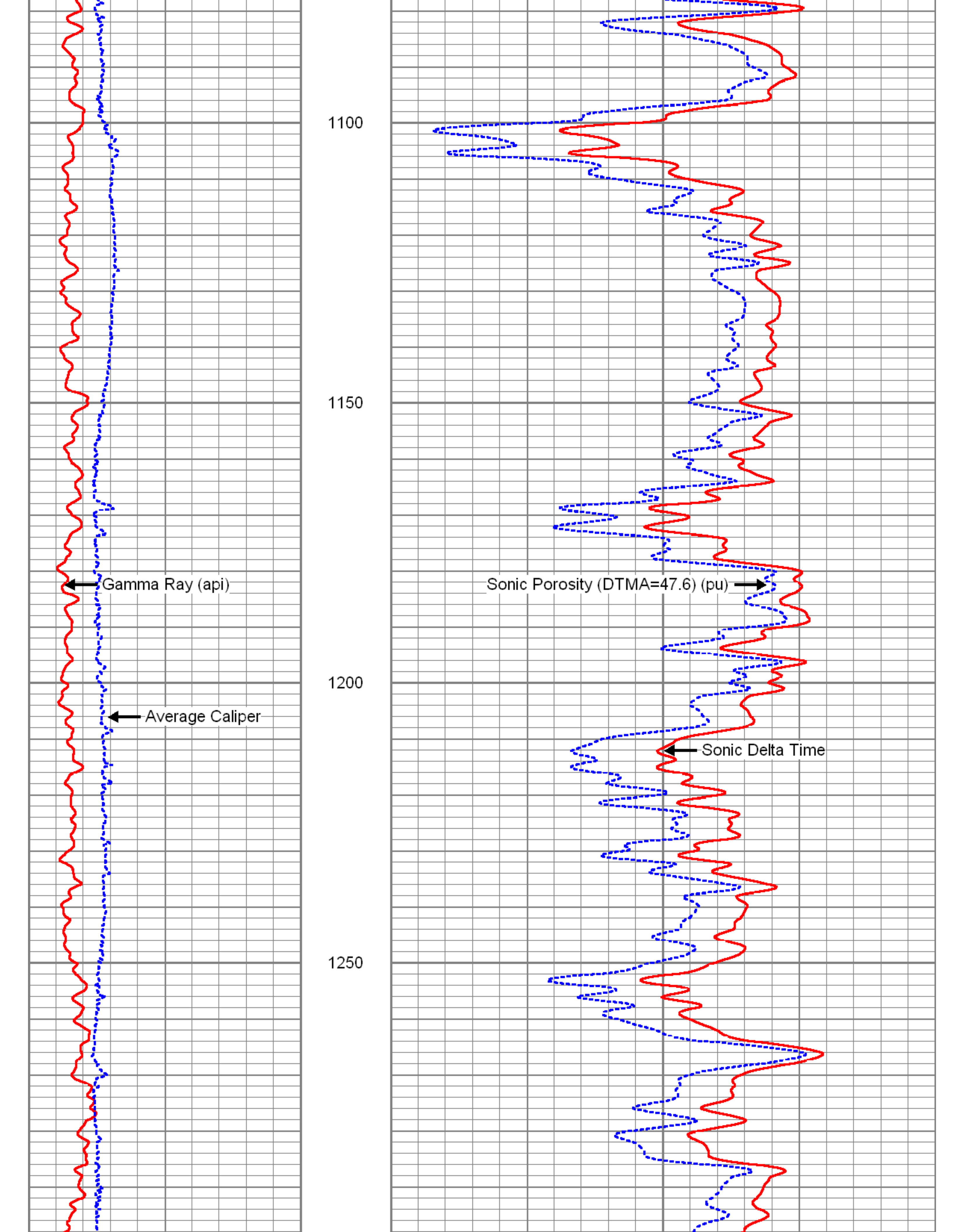
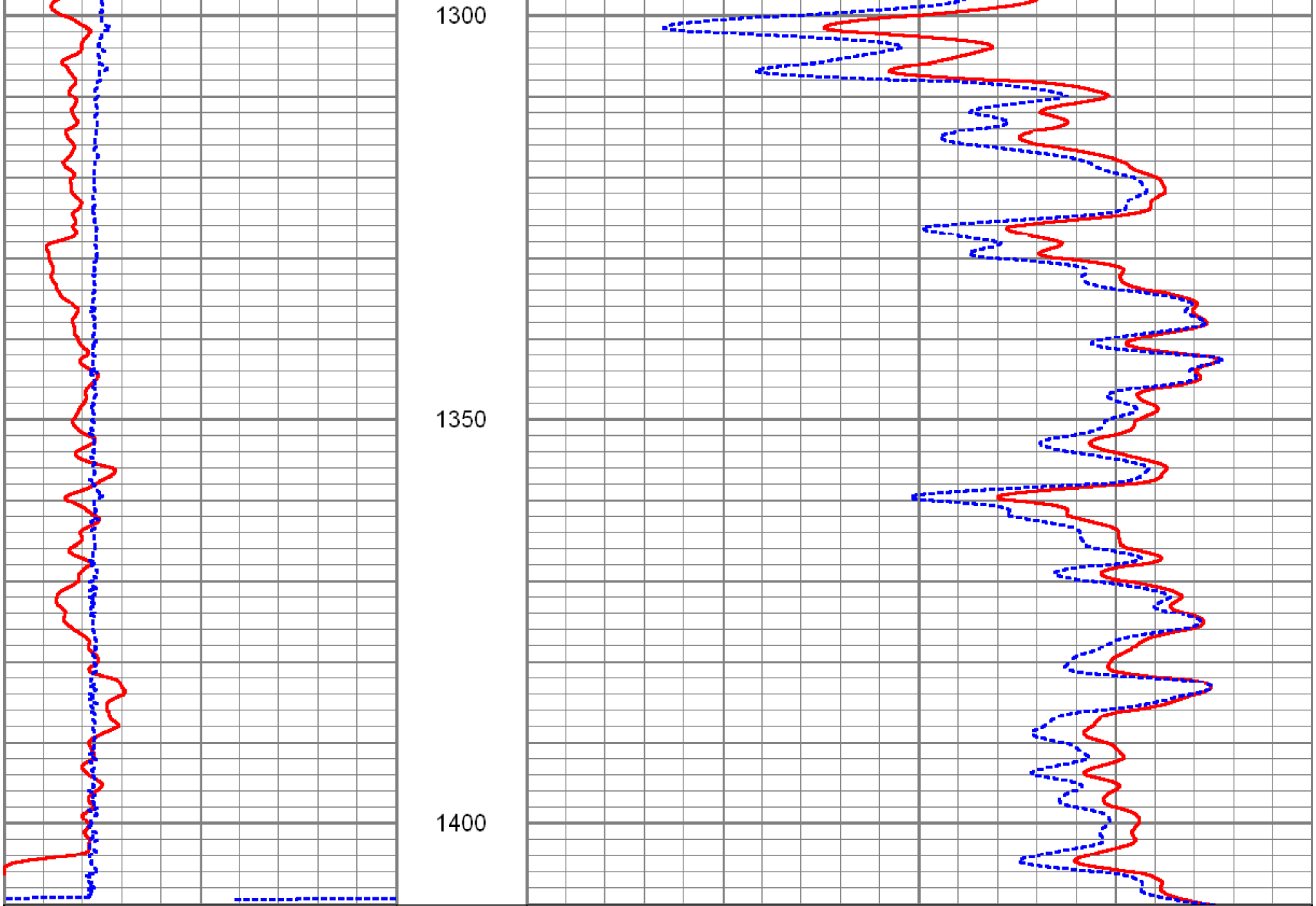
800
850


900
950
1000
1050



1100
1150
1200
1250
Gamma Ray (api)
Average Caliper
Sonic Porosity (DTMA=47.6) (pu)
Sonic Delta Time



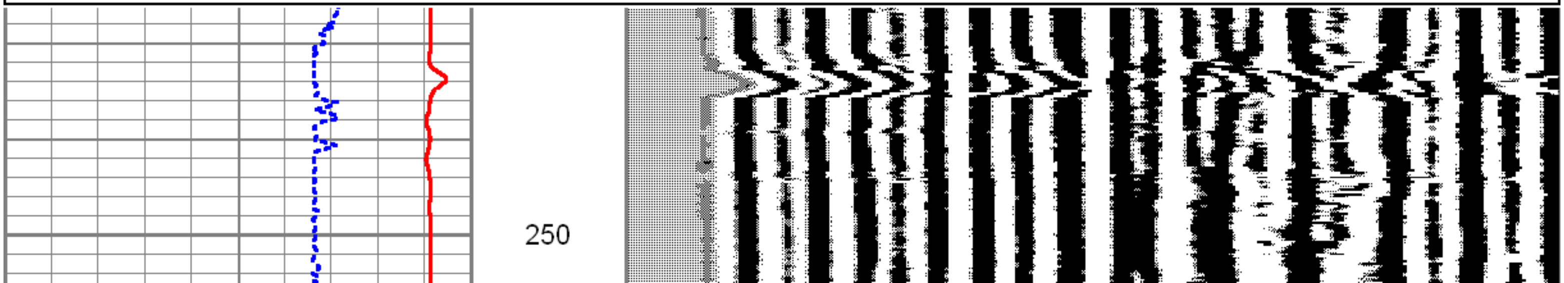
0 Gamma Ray (api) (GAPI) 100	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

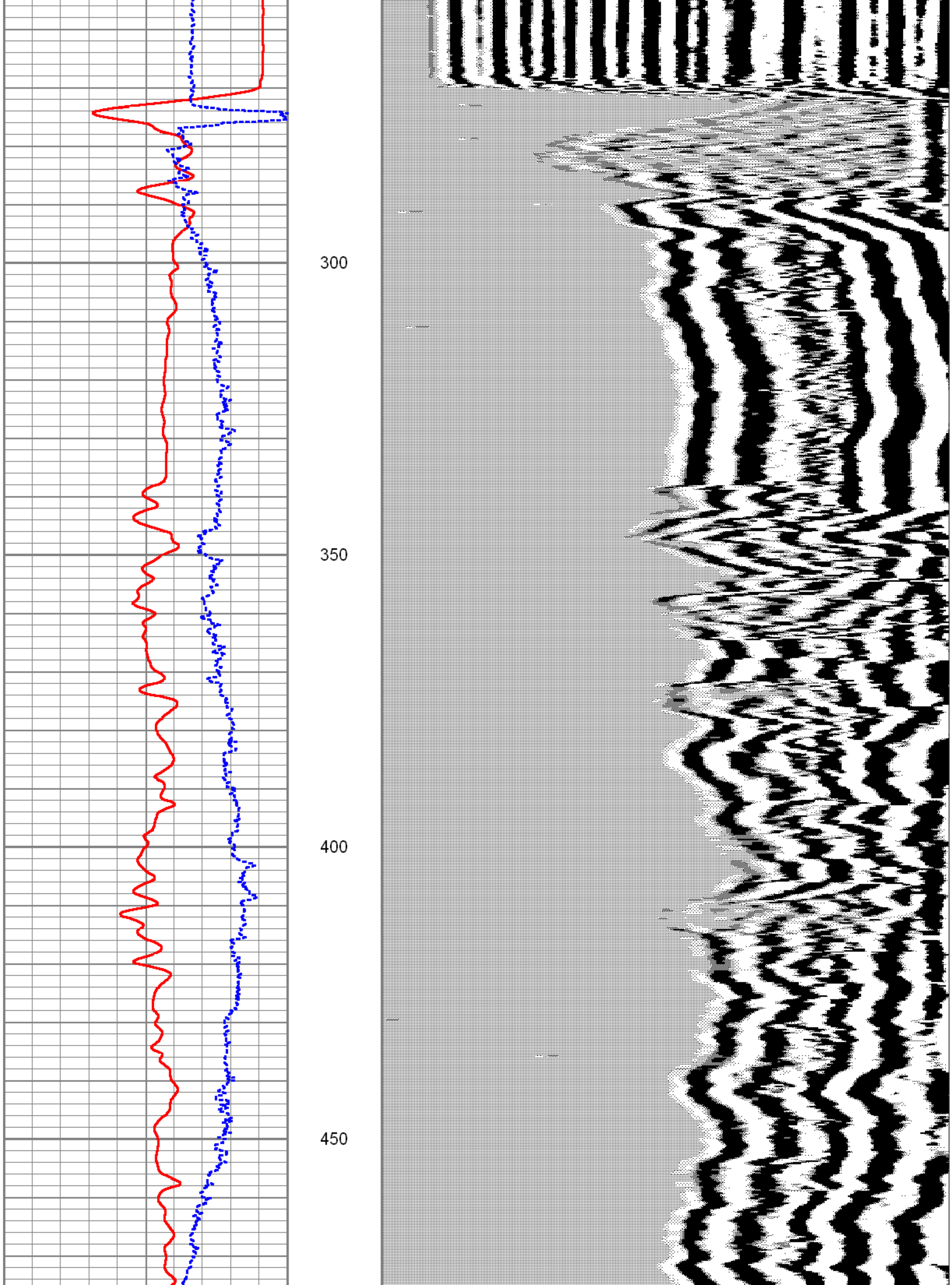
ALLWEBBS ENTERPRISES, INC.

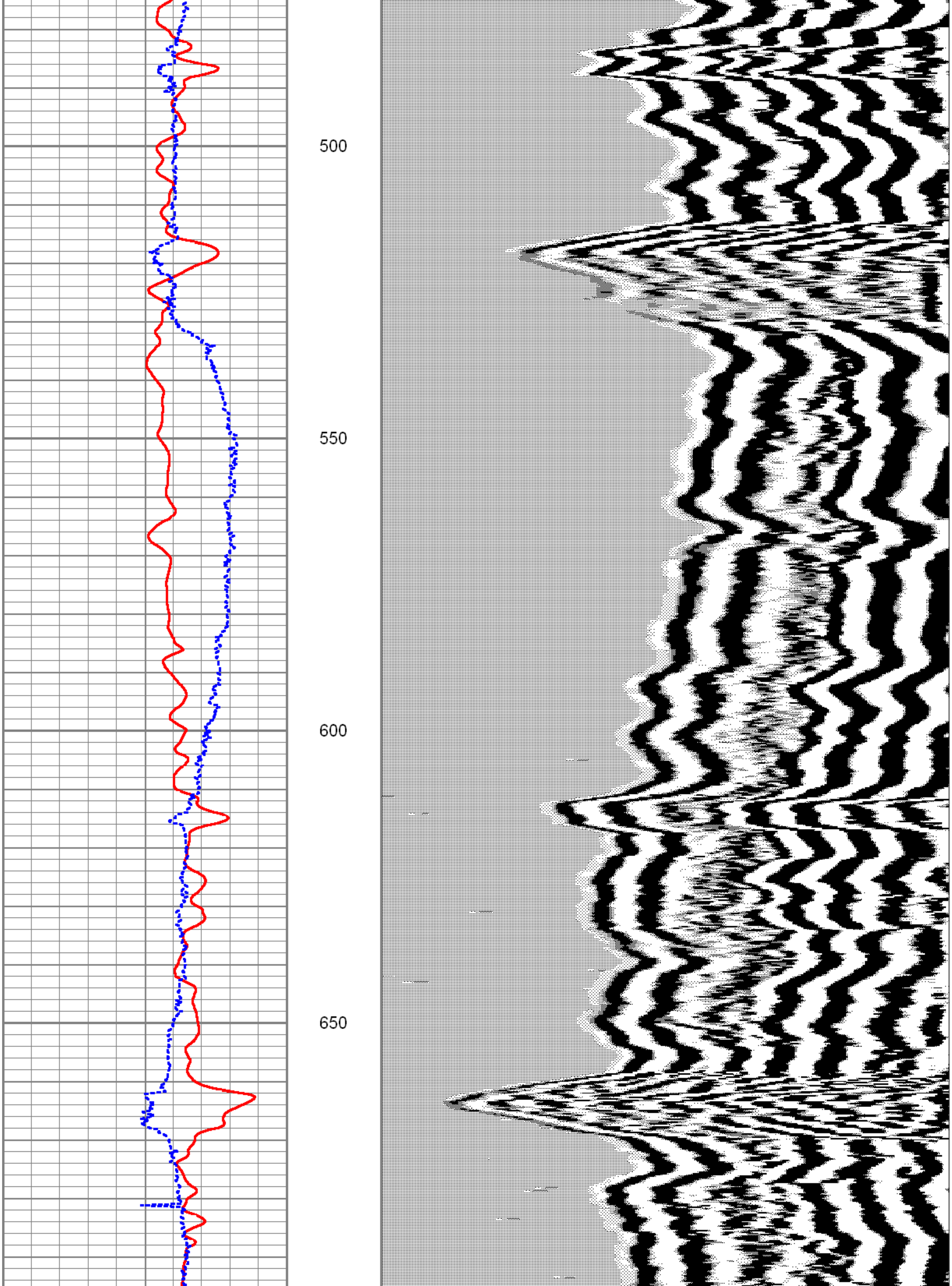
MAIN PASS

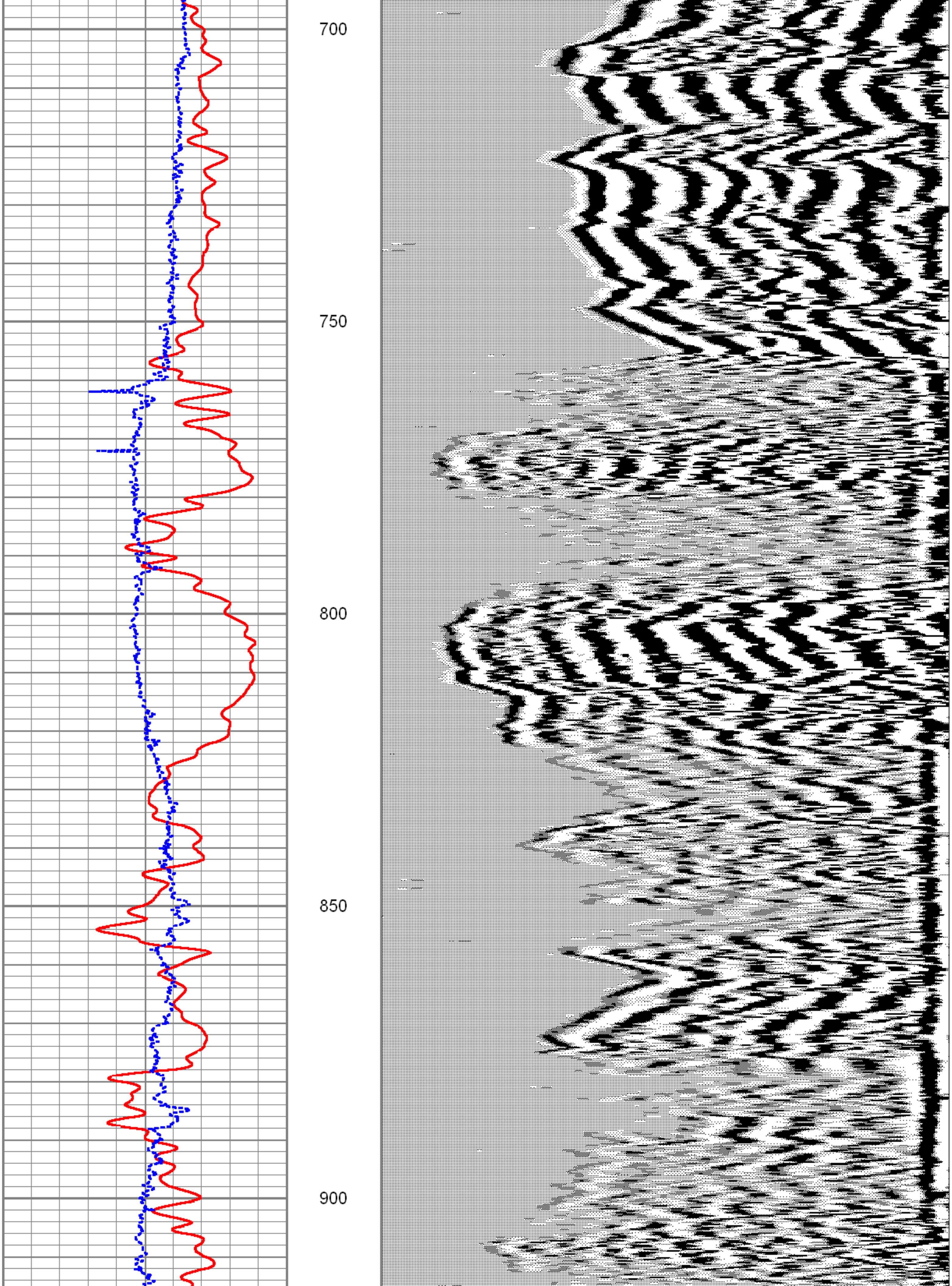
Database File: kisspof27.db
Dataset Pathname: run3/BHCMP
Presentation Format: bhc
Dataset Creation: Wed Jun 08 15:00:01 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

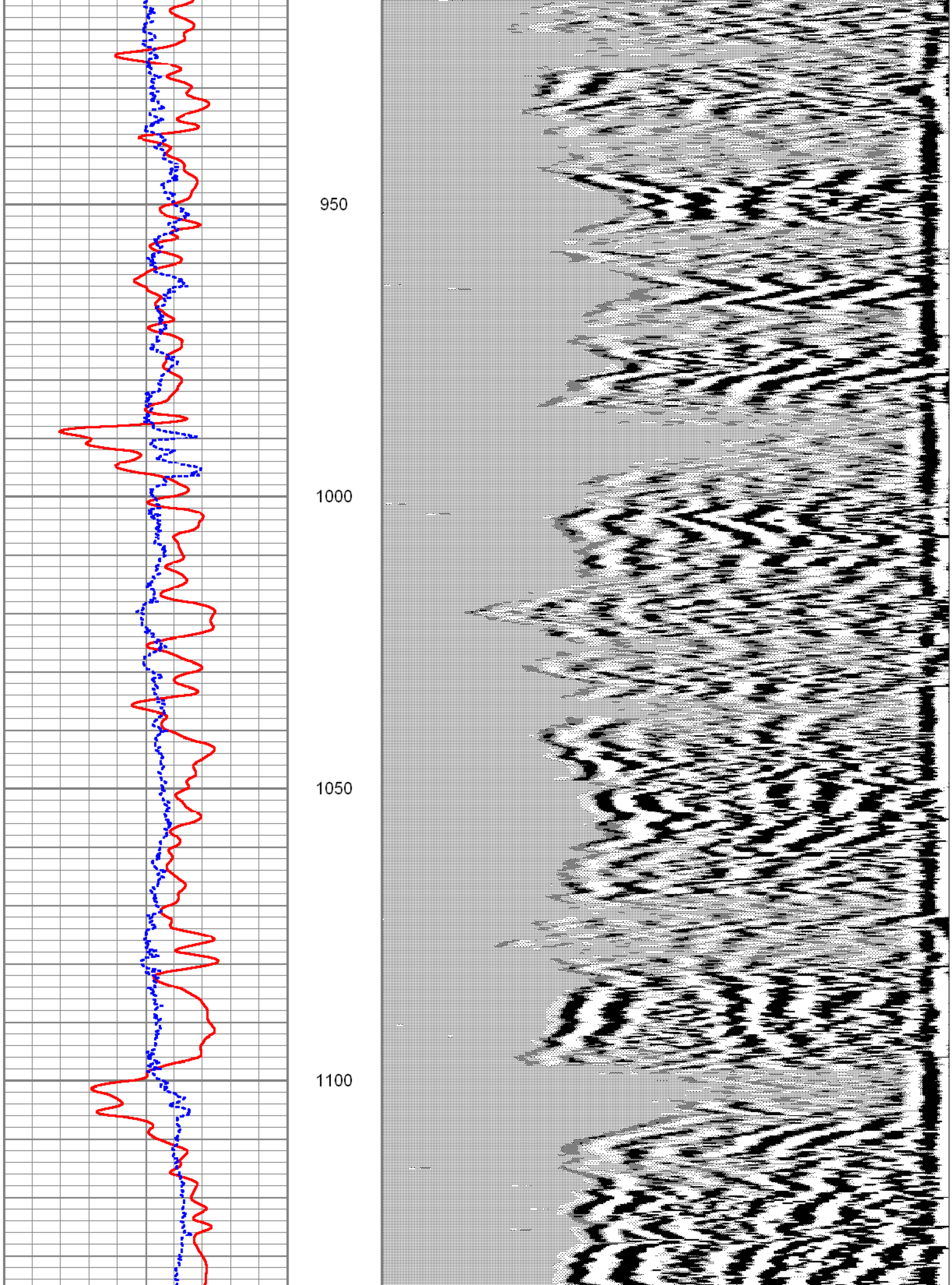
240 Sonic Delta Time (usec/ft) 40	400 WVF4 1200
0 Caliper Average (in) (in) 20	

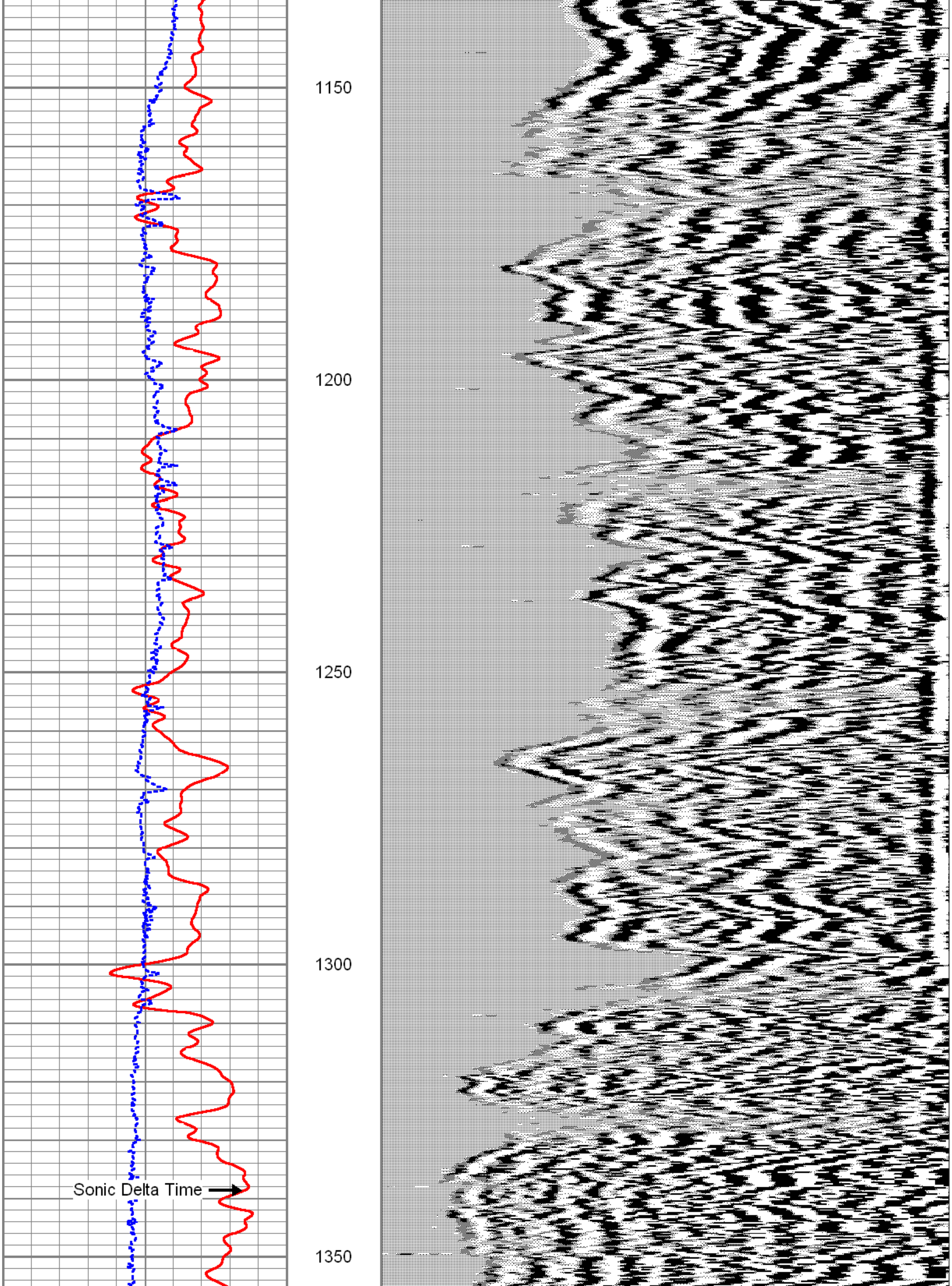


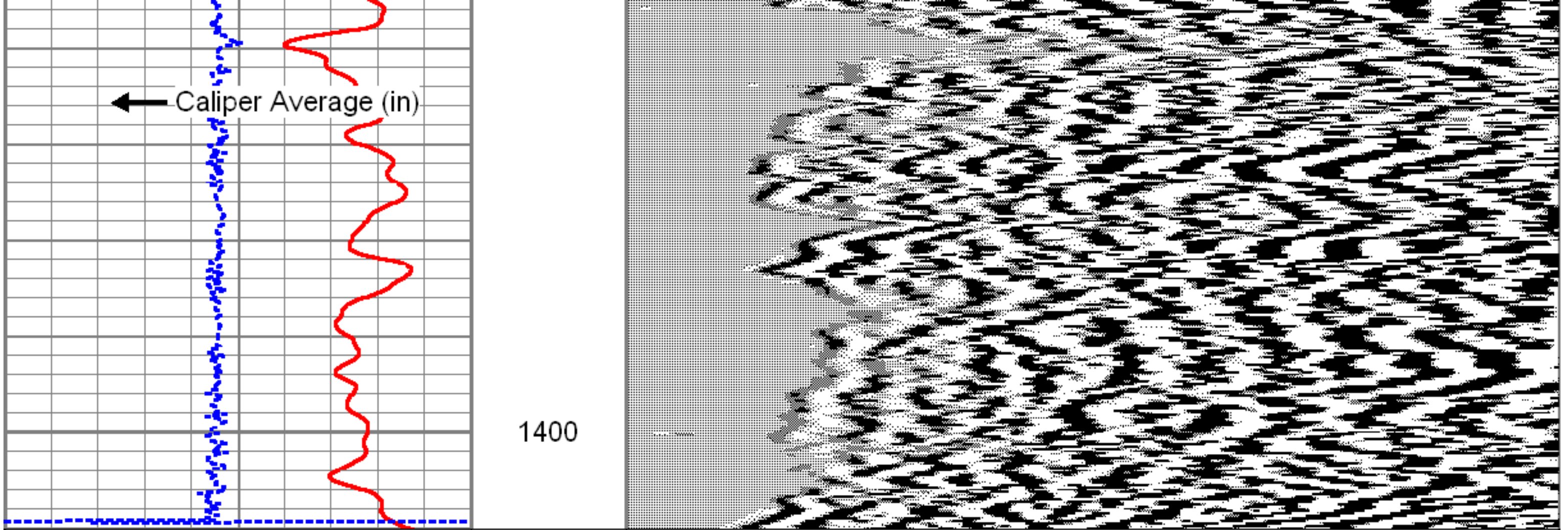

300
350
400
450


500
550
600
650


700
750
800
850
900


950
1000
1050
1100


1150
1200
1250
1300
1350
Sonic Delta Time



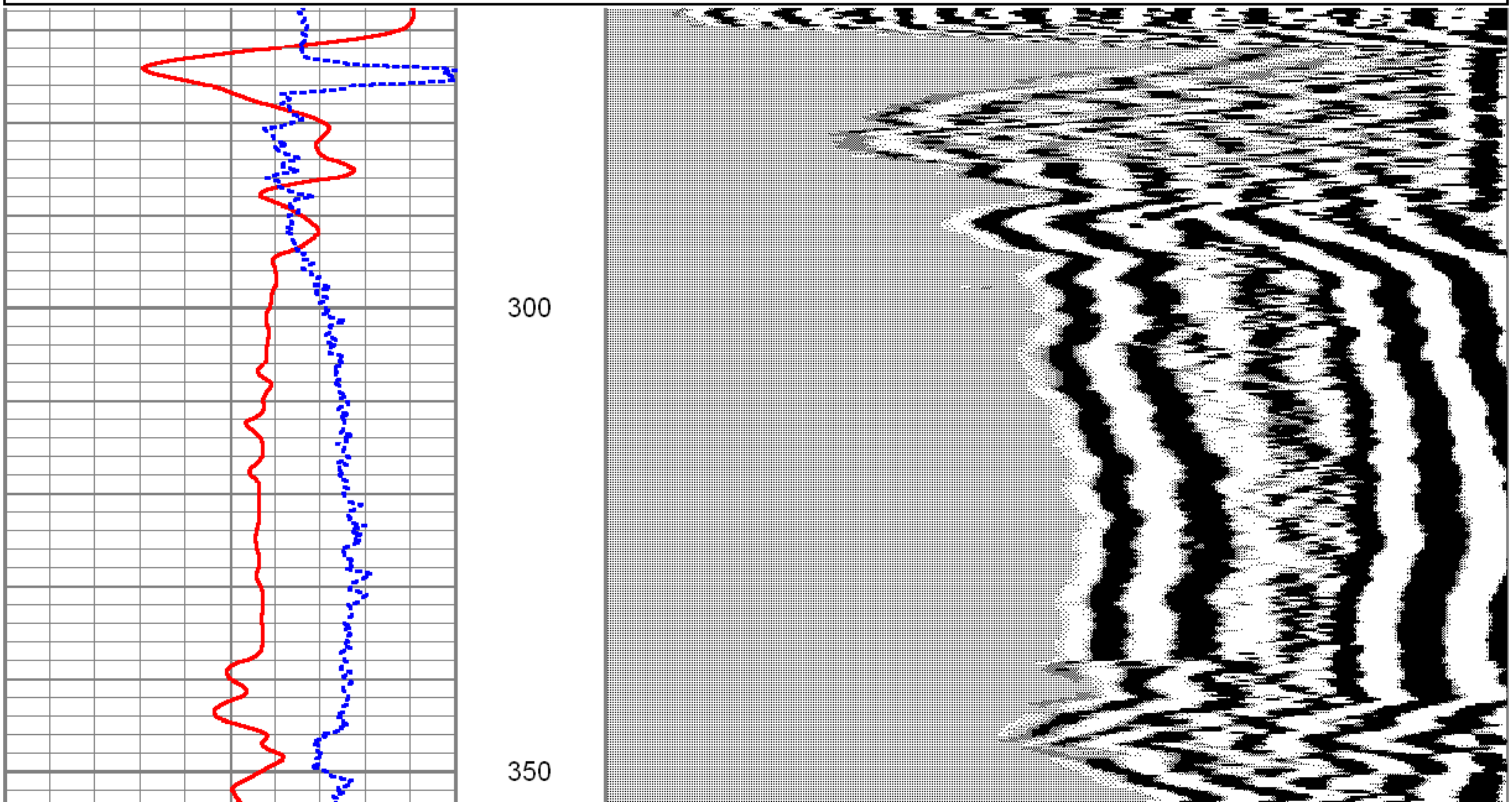
240 Sonic Delta Time (usec/ft) 40	400 WVF4 1200	
0 Caliper Average (in) (in) 20		

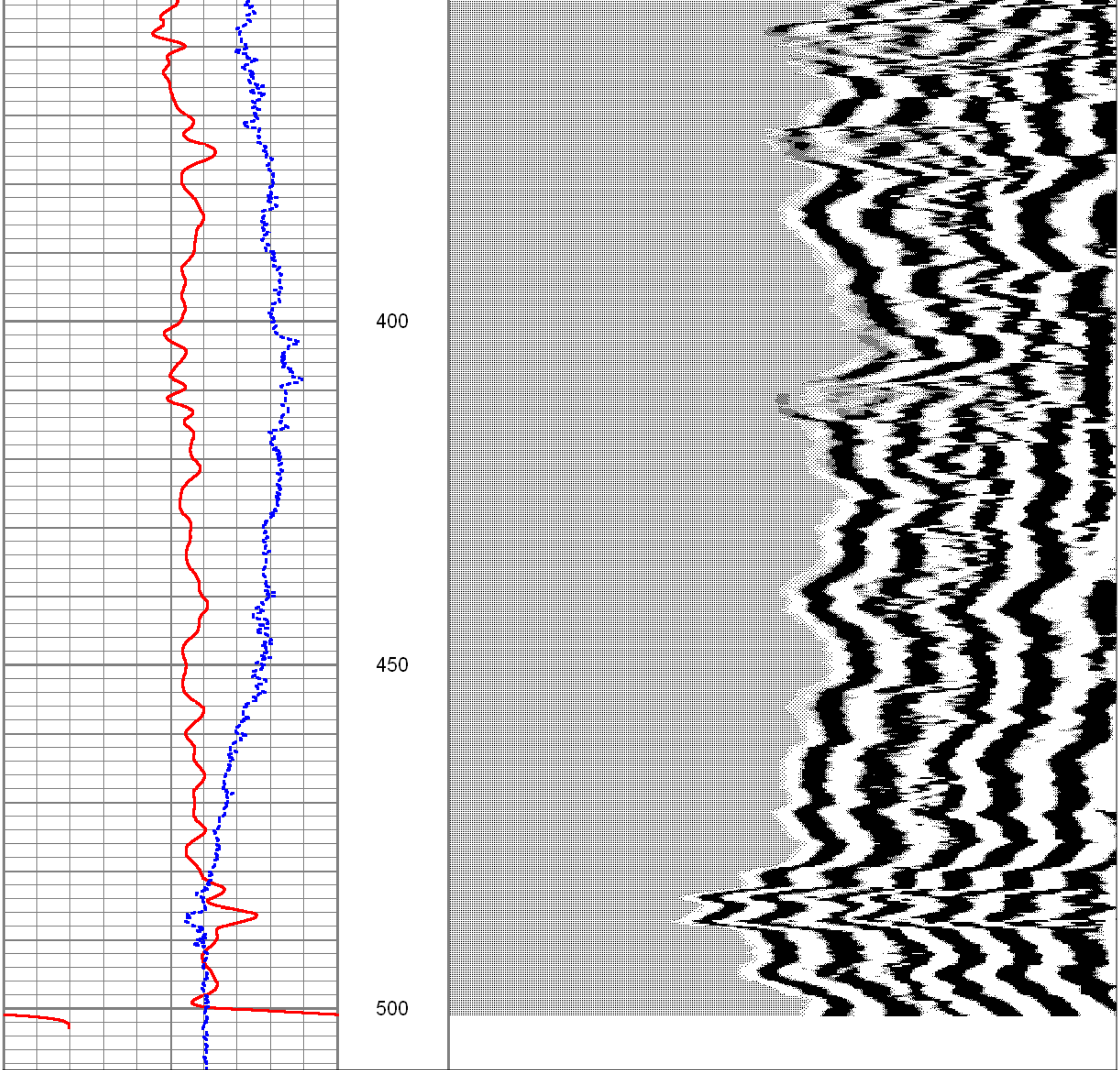
ALLWEBBS ENTERPRISES, INC.

REPEAT PASS

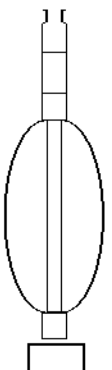
Database File:	kisspof27.db
Dataset Pathname:	run3/BHCRP
Presentation Format:	bhc
Dataset Creation:	Wed Jun 08 15:34:57 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

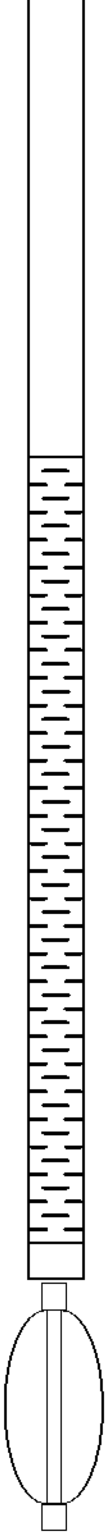
240 Sonic Delta Time (usec/ft) 40	400 WVF4 1200
0 Caliper Average (in) (in) 20	





240 Sonic Delta Time (usec/ft) 40	400 WVF4 1200	
0 Caliper Average (in) (in) 20		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CENCBL Centralizer CENCBL	3.00	1.44	10.69



WVF1	13.50				
		SLT-GEAR (SLT1) G0_BHC	15.71	3.50	140.00
WVF2	8.67				
WVF4	7.67				
WVF3	3.00				
		CENCBL Centralizer CENCBL	3.00	1.44	10.69

Dataset:	kisspof27.db: field/well/run3/BHCMP
Total Length:	22.71 ft
Total Weight:	166.38 lb
O.D.	3.50 in

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

DUAL INDUCTION SP LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE COMMENTS

Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	08-JUN-2011		
Run Number	THREE		
Depth Driller	1403'		
Depth Logger	1403'		
Bottom Logged Interval	1403'		
Top Log Interval	CASING		
Open Hole Size	8"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS	B. COLLINS	S. ANDERSON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				
TWO	19.00"	CASING	250'				
THREE	8.00"	CASING	1403'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String	14"	.375 W.T	SURFACE	275'
Production String				
Liner				

<<< Fold Here >>>

Comments

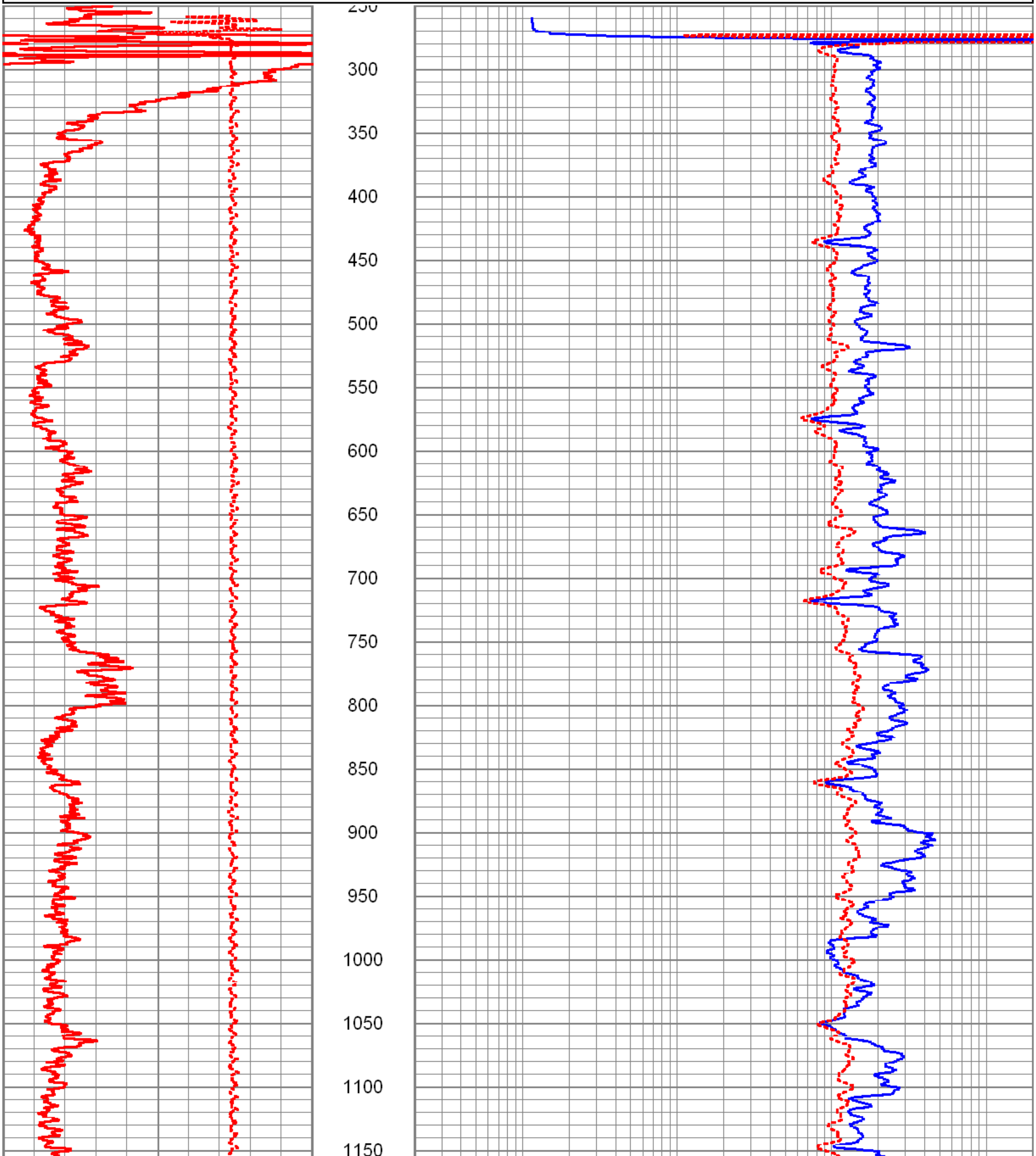
FLOWMETER
BHC/SONIC
XYC/GR
FCT

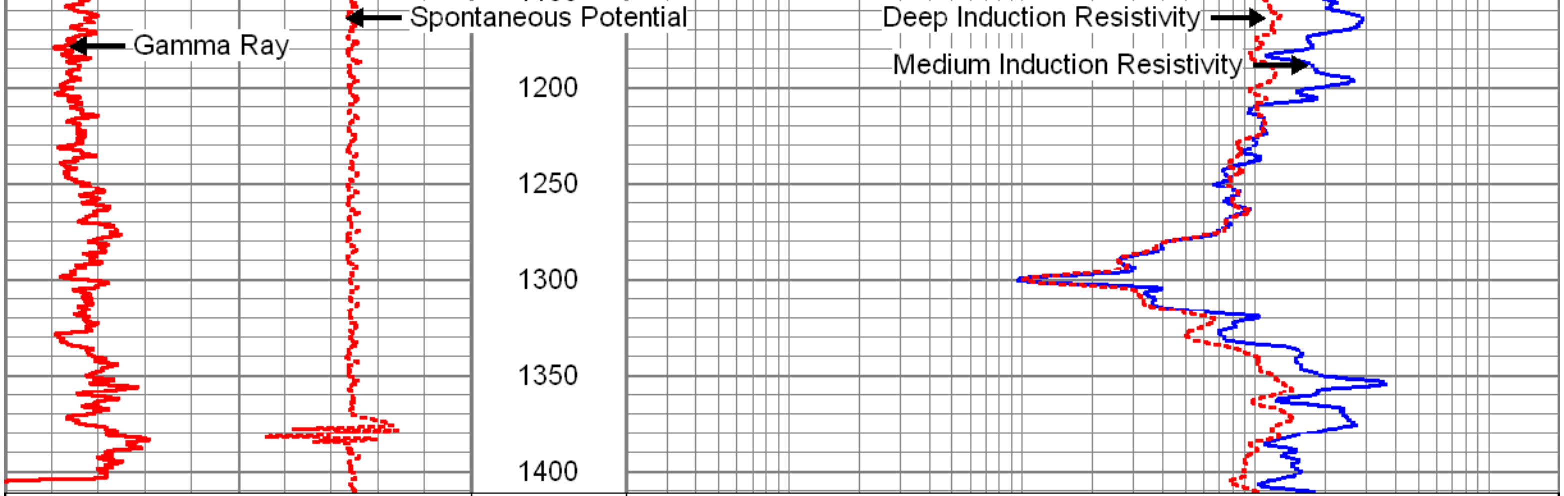
MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof27.db
Dataset Pathname:	run3/DILMPFINMP
Presentation Format:	dil
Dataset Creation:	Wed Jun 08 15:48:21 2011
Charted by:	Depth in Feet scaled 1:1200

0	Gamma Ray (GAPI)	100	0.2	Medium Induction Resistivity (Ohm-m)	2000
-50	Spontaneous Potential (mV)	50	0.2	Deep Induction Resistivity (Ohm-m)	2000



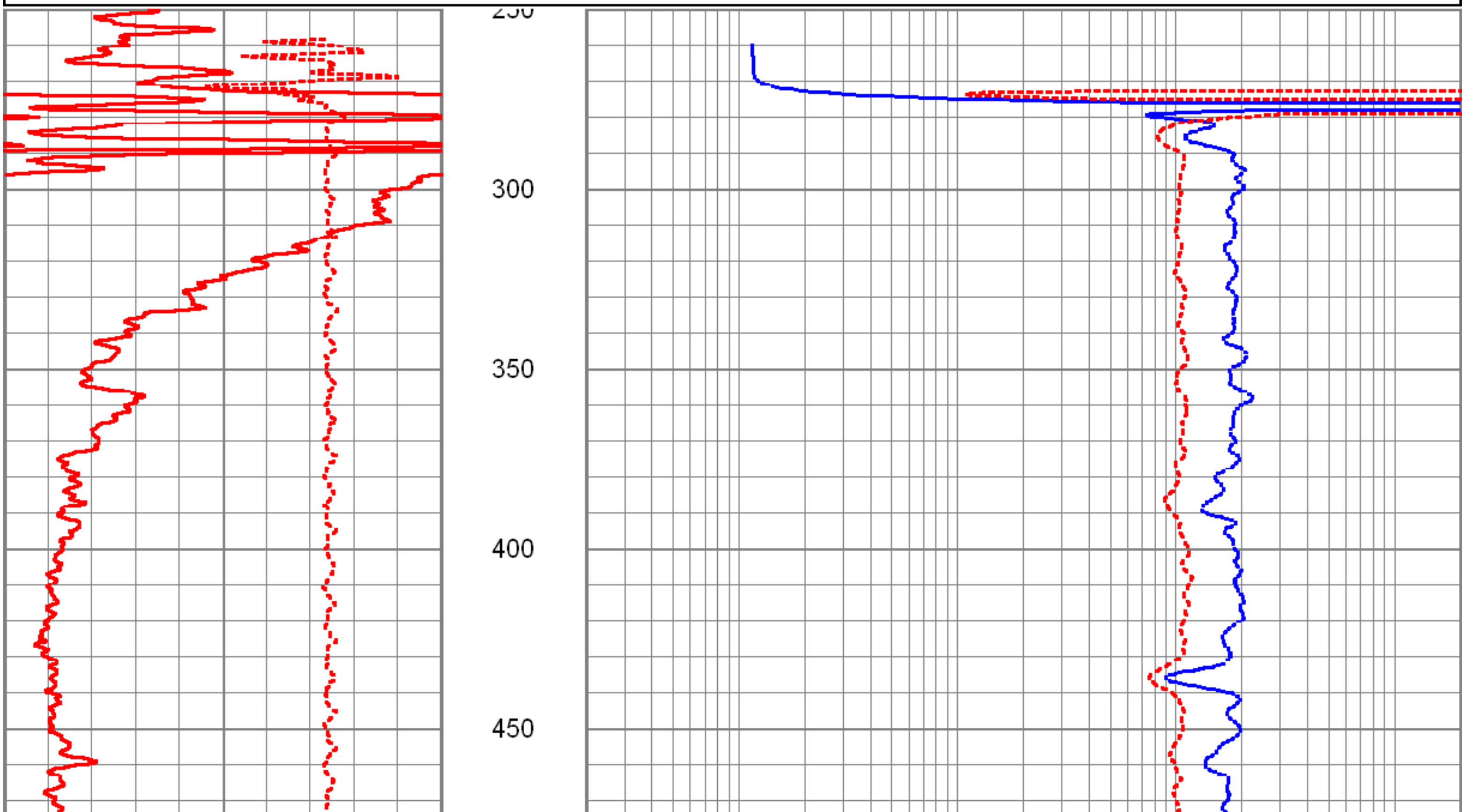


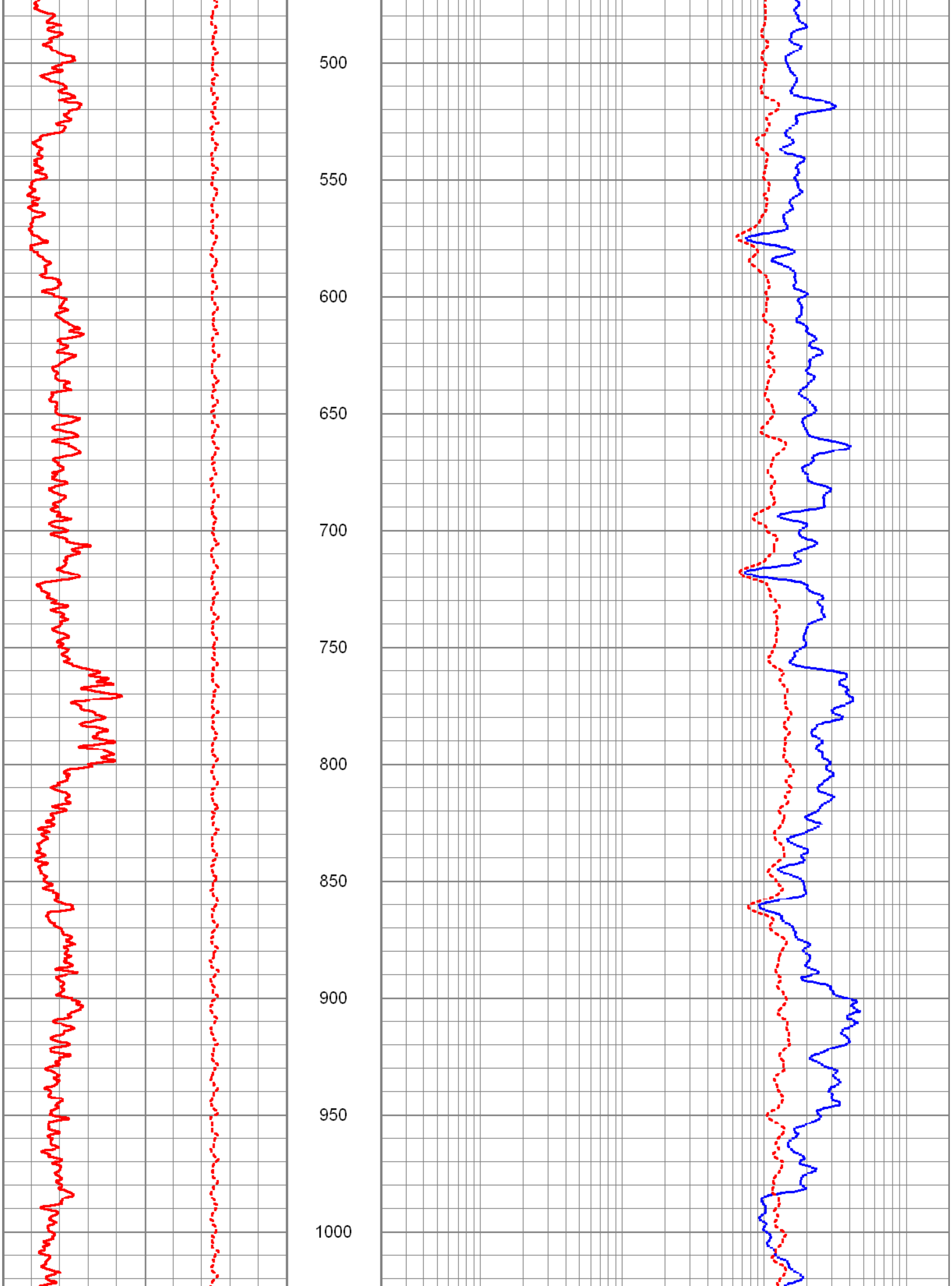
0	Gamma Ray (GAPI)	100	
-50	Spontaneous Potential (mV)	50	
0.2	Medium Induction Resistivity (Ohm-m)	2000	
0.2	Deep Induction Resistivity (Ohm-m)	2000	

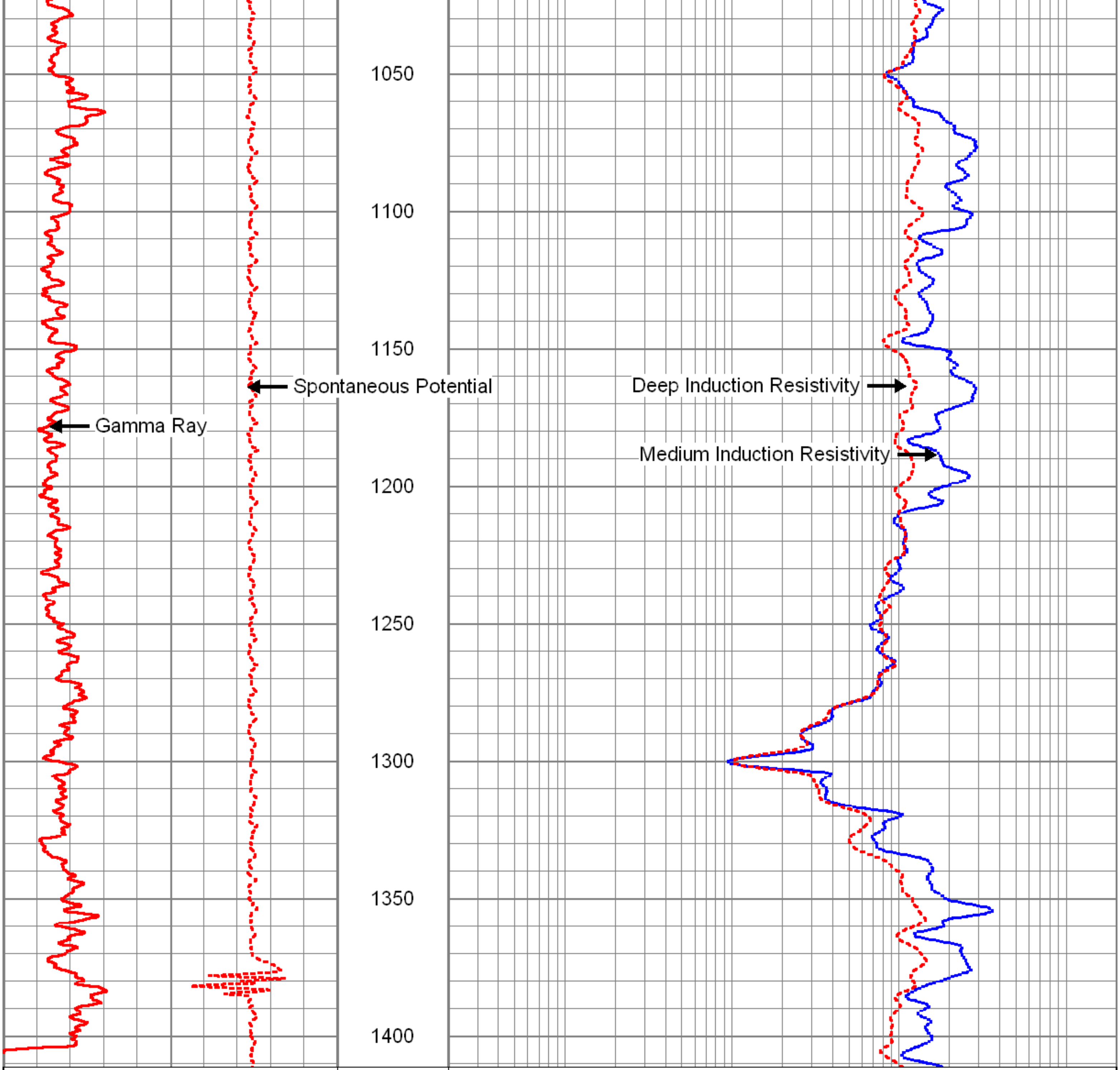
MAIN PASS

Database File: kisspof27.db
Dataset Pathname: run3/DILMPFINMP
Presentation Format: dil
Dataset Creation: Wed Jun 08 15:48:21 2011
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	100	
-50	Spontaneous Potential (mV)	50	
0.2	Medium Induction Resistivity (Ohm-m)	2000	
0.2	Deep Induction Resistivity (Ohm-m)	2000	



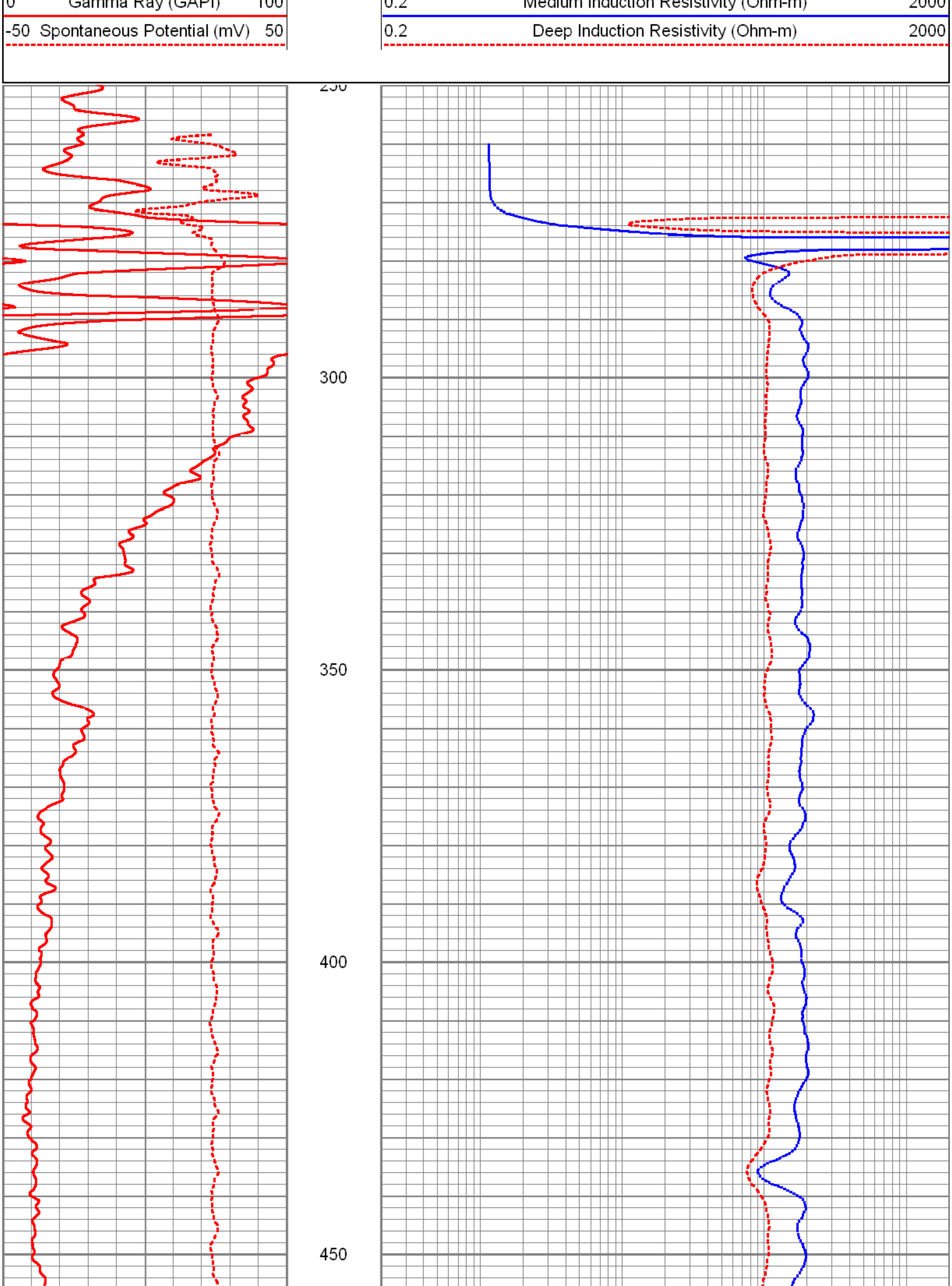

500
550
600
650
700
750
800
850
900
950
1000



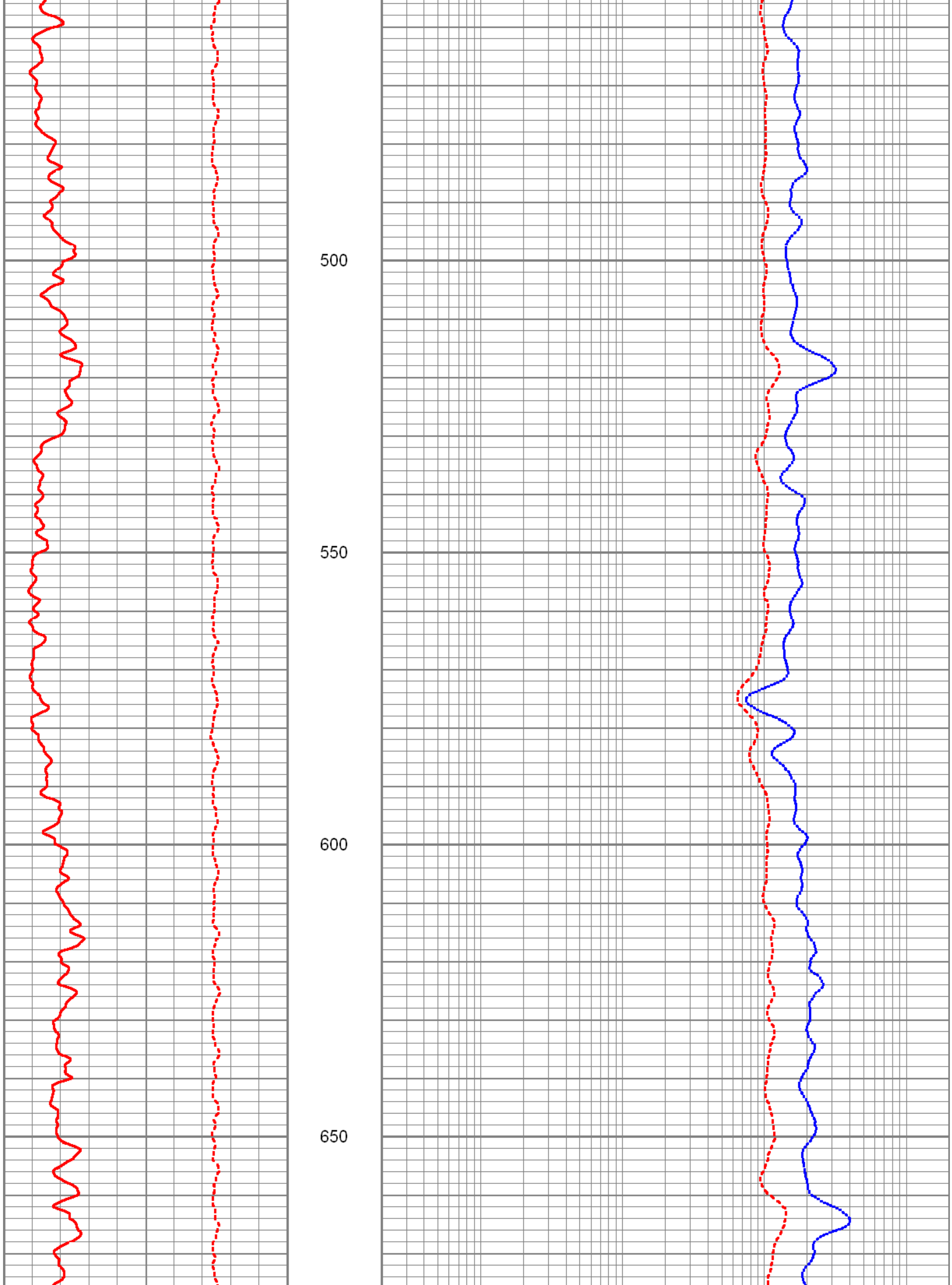
0	Gamma Ray (GAPI) 100		0.2	Medium Induction Resistivity (Ohm-m) 2000
-50	Spontaneous Potential (mV) 50		0.2	Deep Induction Resistivity (Ohm-m) 2000

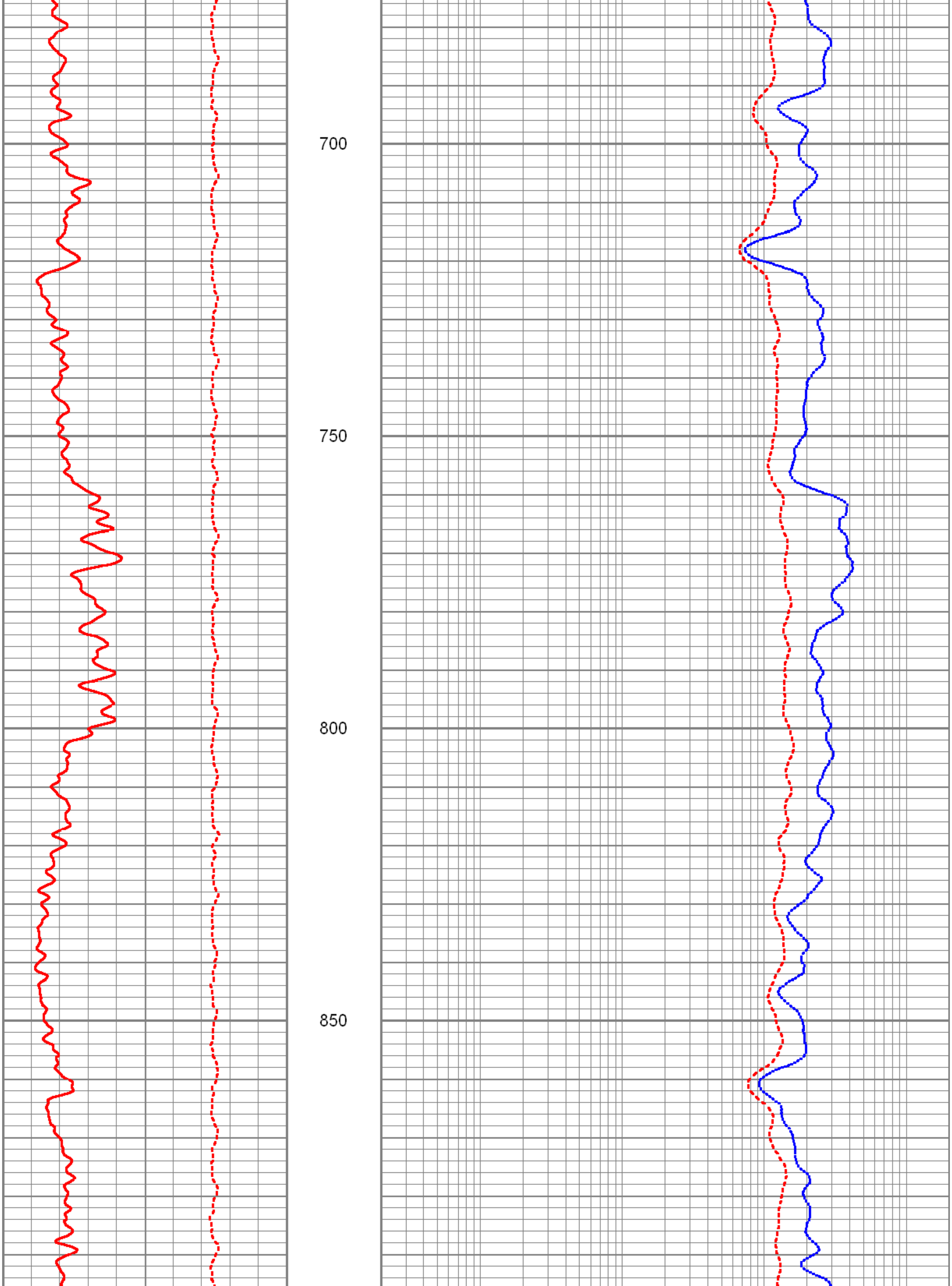
MAIN PASS

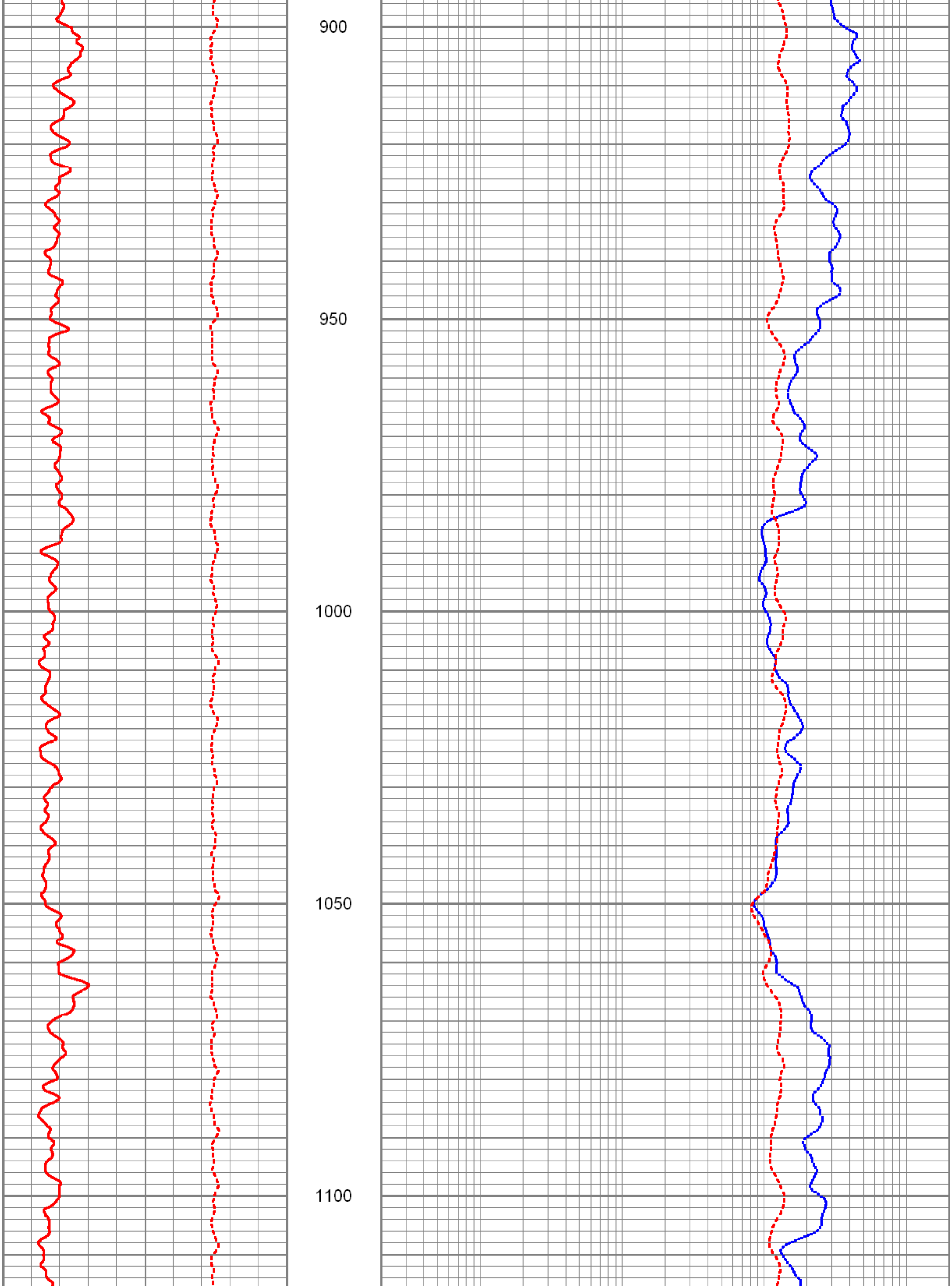
Database File: kisspof27.db
Dataset Pathname: run3/DILMPFINMP
Presentation Format: dil
Dataset Creation: Wed Jun 08 15:48:21 2011
Charted by: Depth in Feet scaled 1:240

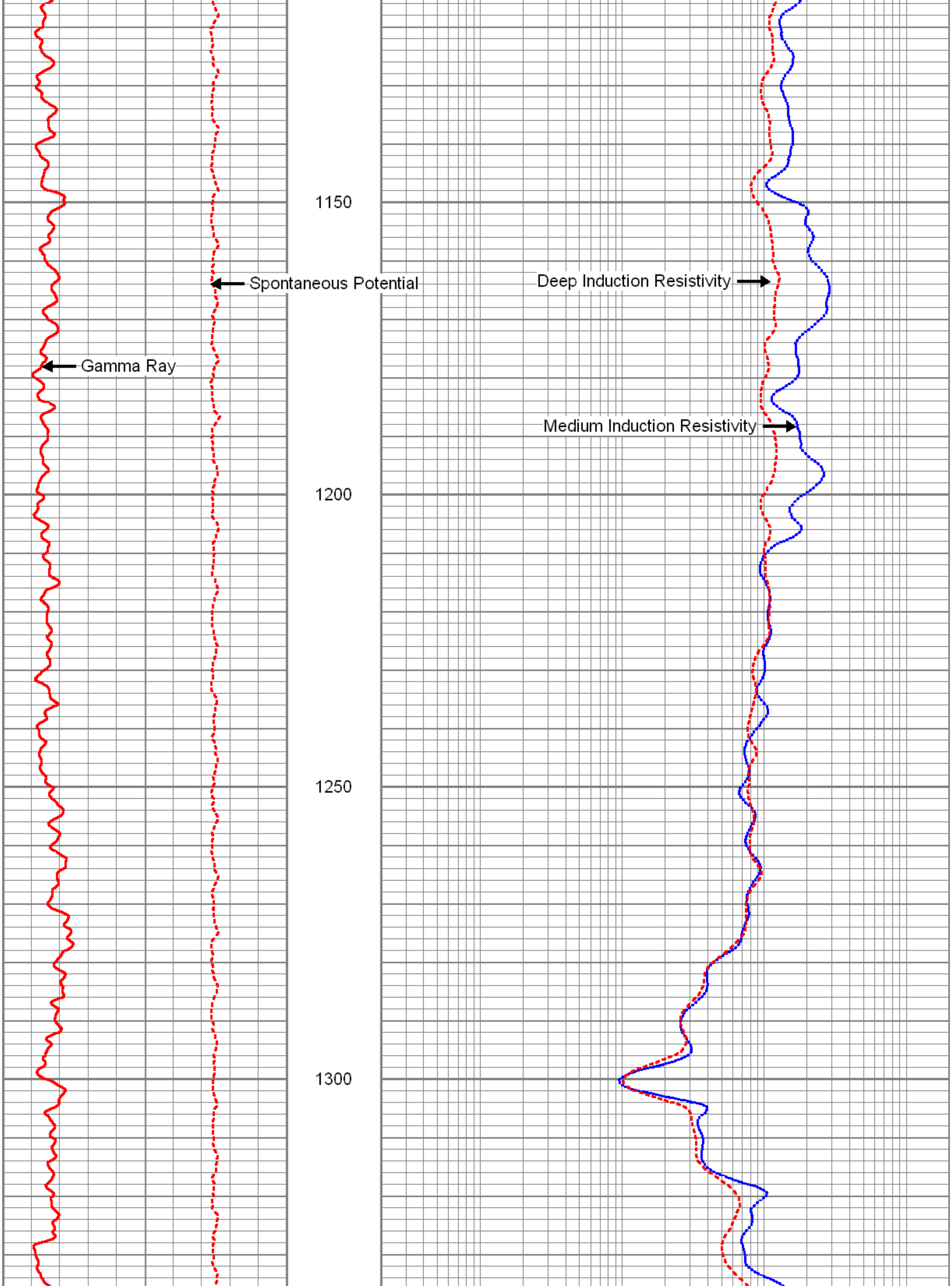


0 Gamma Ray (GAPI) 100
-50 Spontaneous Potential (mV) 50
0.2 Medium Induction Resistivity (Ohm-m) 2000
0.2 Deep Induction Resistivity (Ohm-m) 2000
300
350
400
450

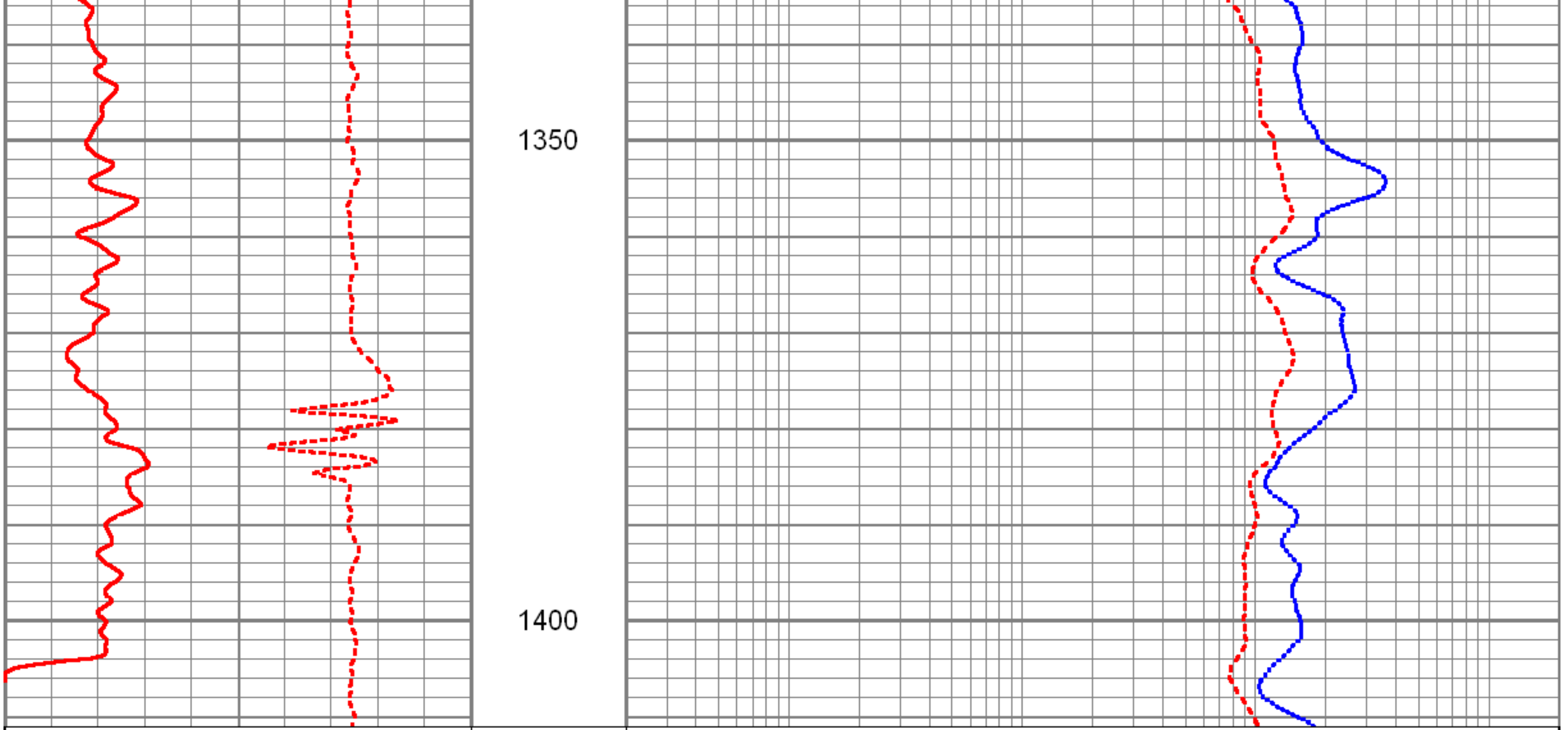

500
550
600
650


700
750
800
850


900
950
1000
1050
1100



1150
1200
1250
1300
Spontaneous Potential
Gamma Ray
Deep Induction Resistivity
Medium Induction Resistivity



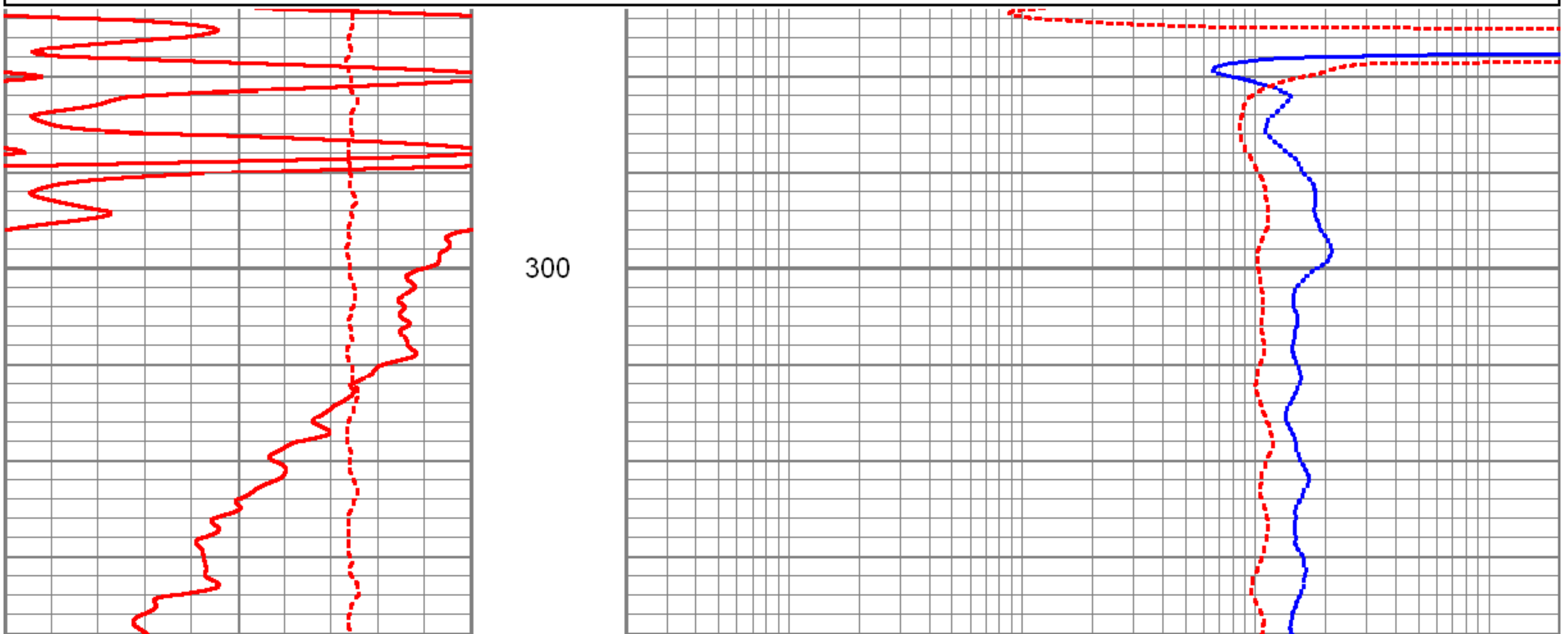
0 Gamma Ray (GAPI) 100	0.2 Medium Induction Resistivity (Ohm-m) 2000
-50 Spontaneous Potential (mV) 50	0.2 Deep Induction Resistivity (Ohm-m) 2000

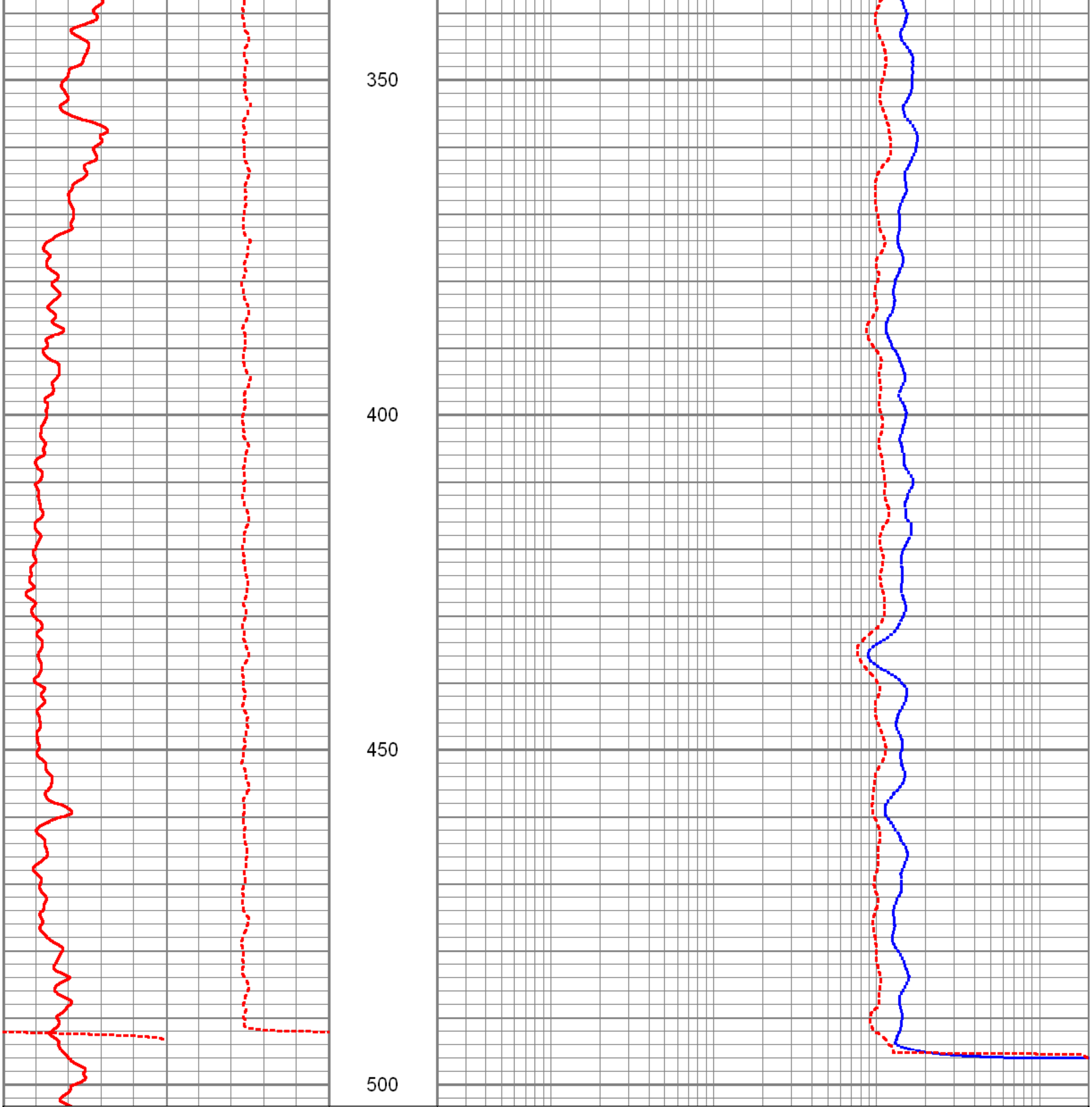
ALLWEBBS ENTERPRISES, INC.

REPEAT PASS

Database File:	kisspof27.db
Dataset Pathname:	run3/DILRPFIN
Presentation Format:	dil
Dataset Creation:	Wed Jun 08 13:57:16 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 100	0.2 Medium Induction Resistivity (Ohm-m) 2000
-50 Spontaneous Potential (mV) 50	0.2 Deep Induction Resistivity (Ohm-m) 2000





0	Gamma Ray (GAPI)	100
-50	Spontaneous Potential (mV)	50

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000

Calibration Report

Database File: kisspof27.db
Dataset Pathname: run3/DIL
Dataset Creation: Wed Jun 08 11:42:50 2011 by Log Open-Cased 071220

Dual Induction Calibration Report

Serial-Model:	DIL2-GEAR
Surface Cal Performed:	Wed Jun 08 11:57:23 2011
Downhole Cal Performed:	Tue Jun 07 15:35:03 2011

Downhole Cal Performed: Tue Jun 07 15:35:03 2011
After Survey Verification Performed: Tue Jun 07 15:35:03 2011

Surface Calibration

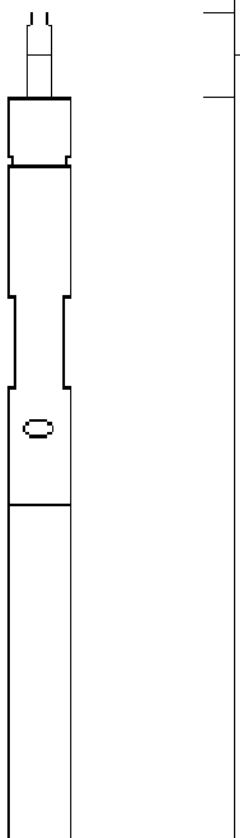
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.006	0.620	V	0.000	400.000	mmho-m	638.978	3.834
Medium	0.022	0.951	V	0.000	465.000	mmho-m	500.538	-11.012
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.004	0.594	V	0.000	400.000	mmho-m	677.966	-2.712
Medium	0.016	0.686	V	0.000	465.000	mmho-m	694.030	-11.105

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	2.843	407.485	mmho-m	7.609	437.080	mmho-m	1.061	4.591
Medium	-3.759	366.466	mmho-m	-4.832	490.556	mmho-m	1.338	0.198
Shallow	1.114	0.013	V	500.000	2.000	Ohm-m	452.249	-3.683

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho-m	2.843	407.485	mmho-m	1.061	4.591
Medium	0.000	0.000	mmho-m	-3.759	366.466	mmho-m	1.338	0.198
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00

SP	11.00		
CILD	10.50	DIL-GEAR (DIL2) GO_DIL/LL3/SP	21.25 | 3.50 | 150.00
CILM	7.00		
RLL3	2.00		

Dataset:	kisspof27.db: field/well/run3/DILRPFIN
Total Length:	22.25 ft
Total Weight:	155.00 lb
O.D.	3.50 in

ALLWEBBS ENTERPRISES, INC.

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

FLUID CONDUCTIVITY TEMPERATURE LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE COMMENTS

Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	09-JUN-2011		
Run Number	THREE		
Depth Driller	1403'		
Depth Logger	1403'		
Bottom Logged Interval	1403'		
Top Log Interval	CASING		
Open Hole Size	8"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS	B. COLLINS	S. ANDERSON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				
TWO	19.00"	CASING	250'				
THREE	8.00"	CASING	1403'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String	14"	.375 W.T	SURFACE	275'
Production String				
Liner				

<<< Fold Here >>>

Comments

FLOWRATE = 2,000 GPM

BHC/SONIC/VDL
DIL/SP
XYC/GR
FLOWMETER

ALLWEBBS

STATIC & DYNAMIC

ENTERPRISES, INC.

Database File:	kisspof27.db
Dataset Pathname:	run3/FCTDYMP
Presentation Format:	fct
Dataset Creation:	Thu Jun 09 17:52:34 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

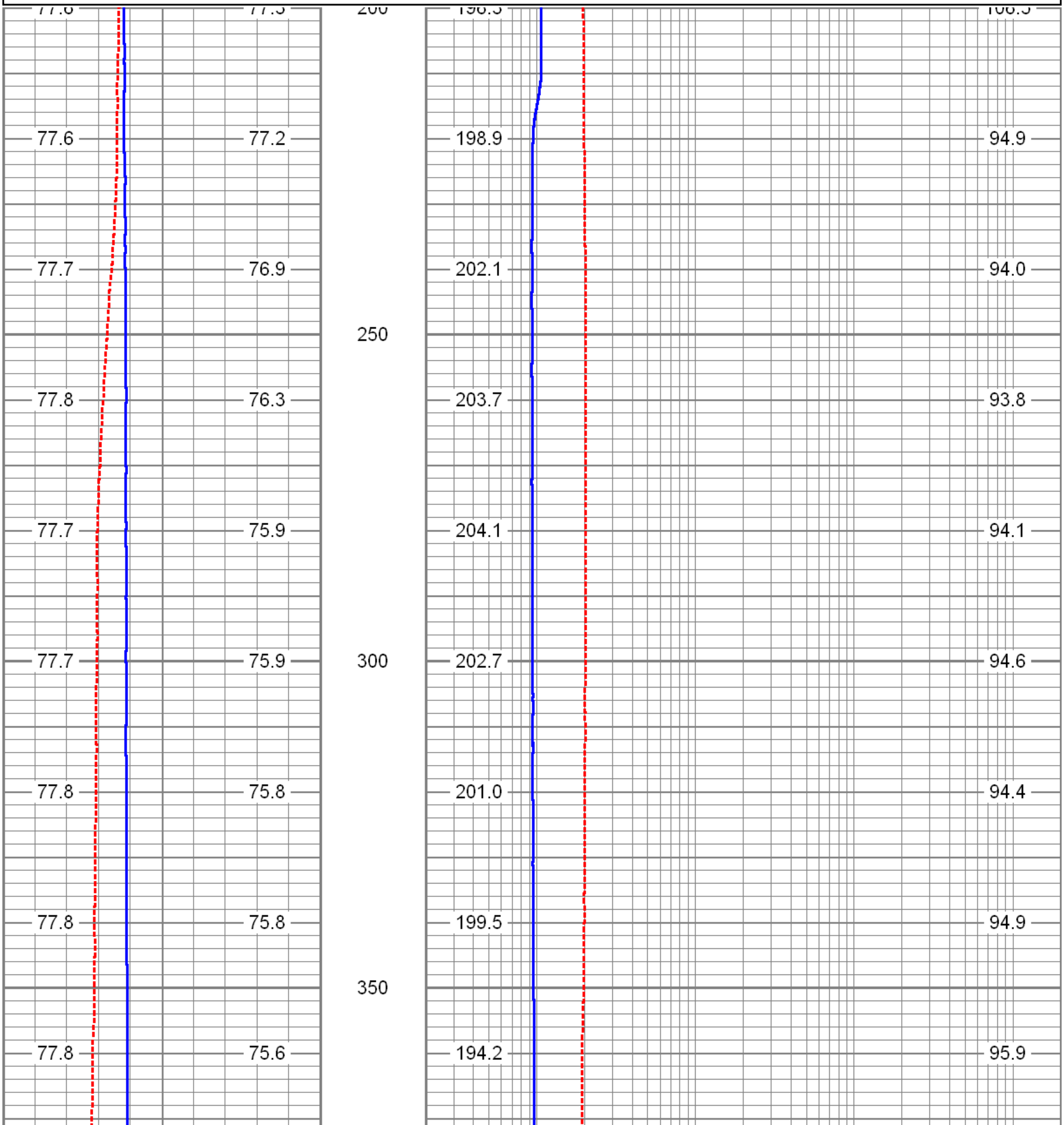
70 Dynamic Temperature (degF) 90

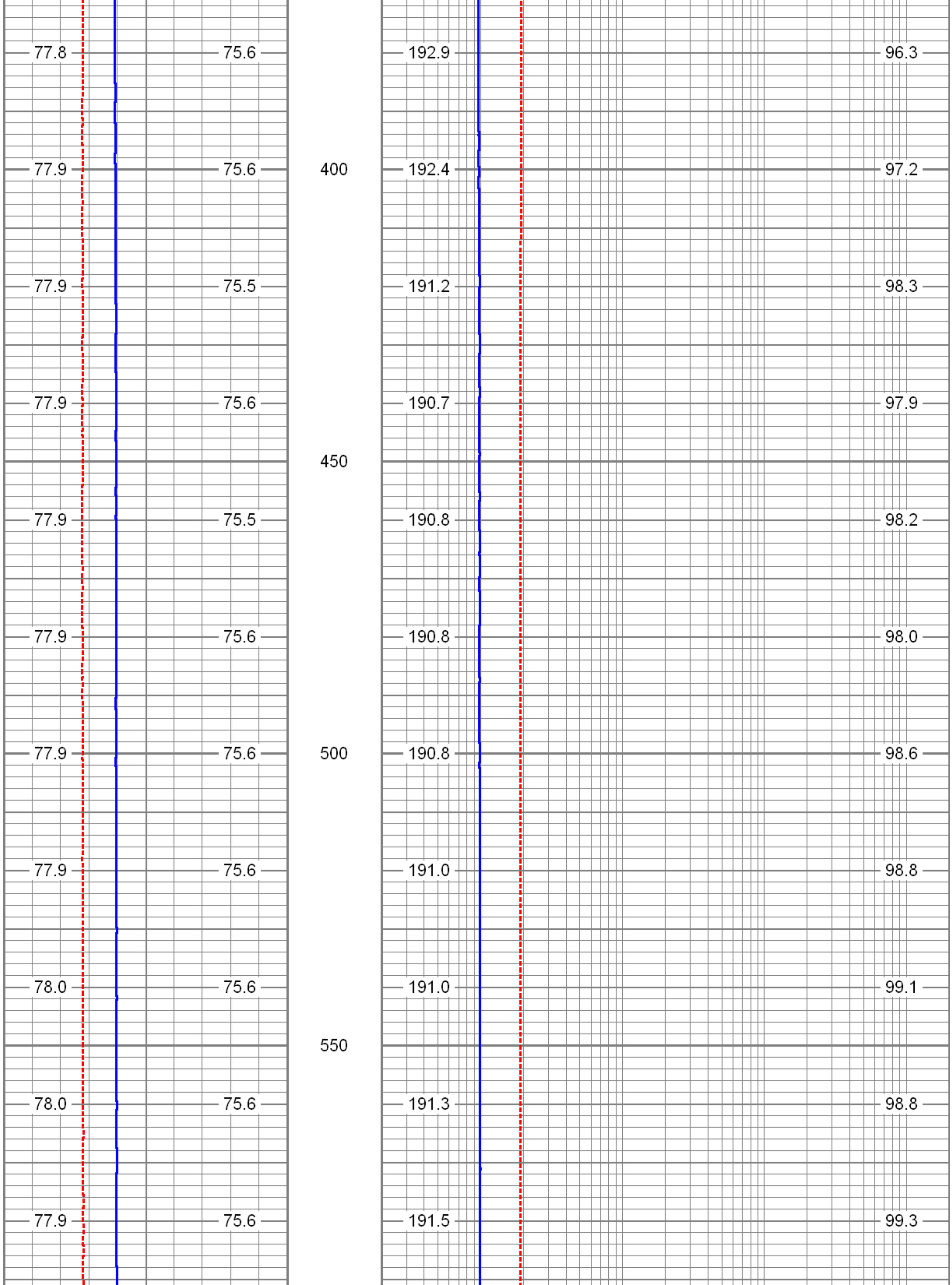
70 Static Temperature (degF) 90

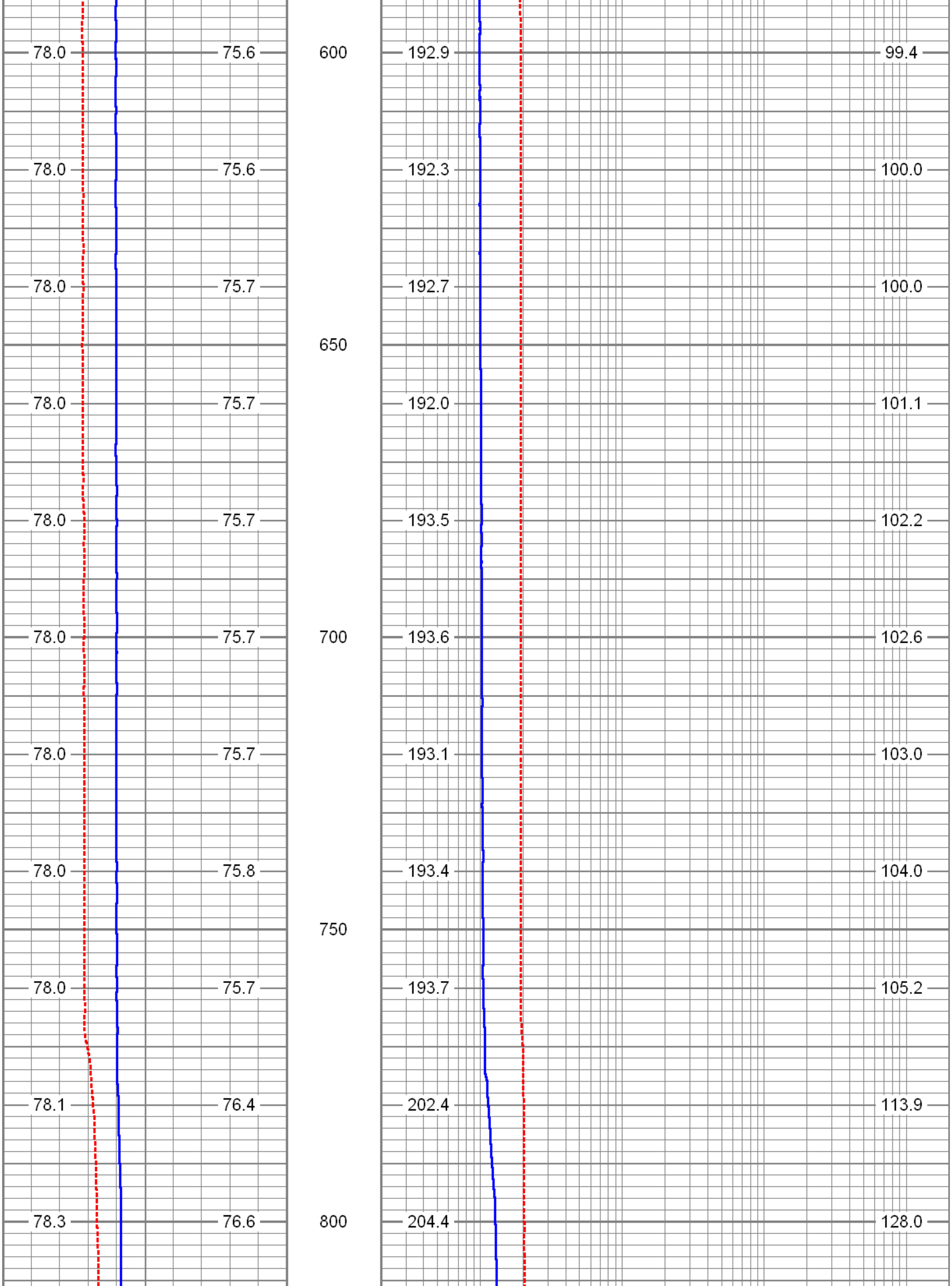
20 Static Fluid Conductiity (um) 200000

20 Dynamic Fluid Conductivity (um) 200000

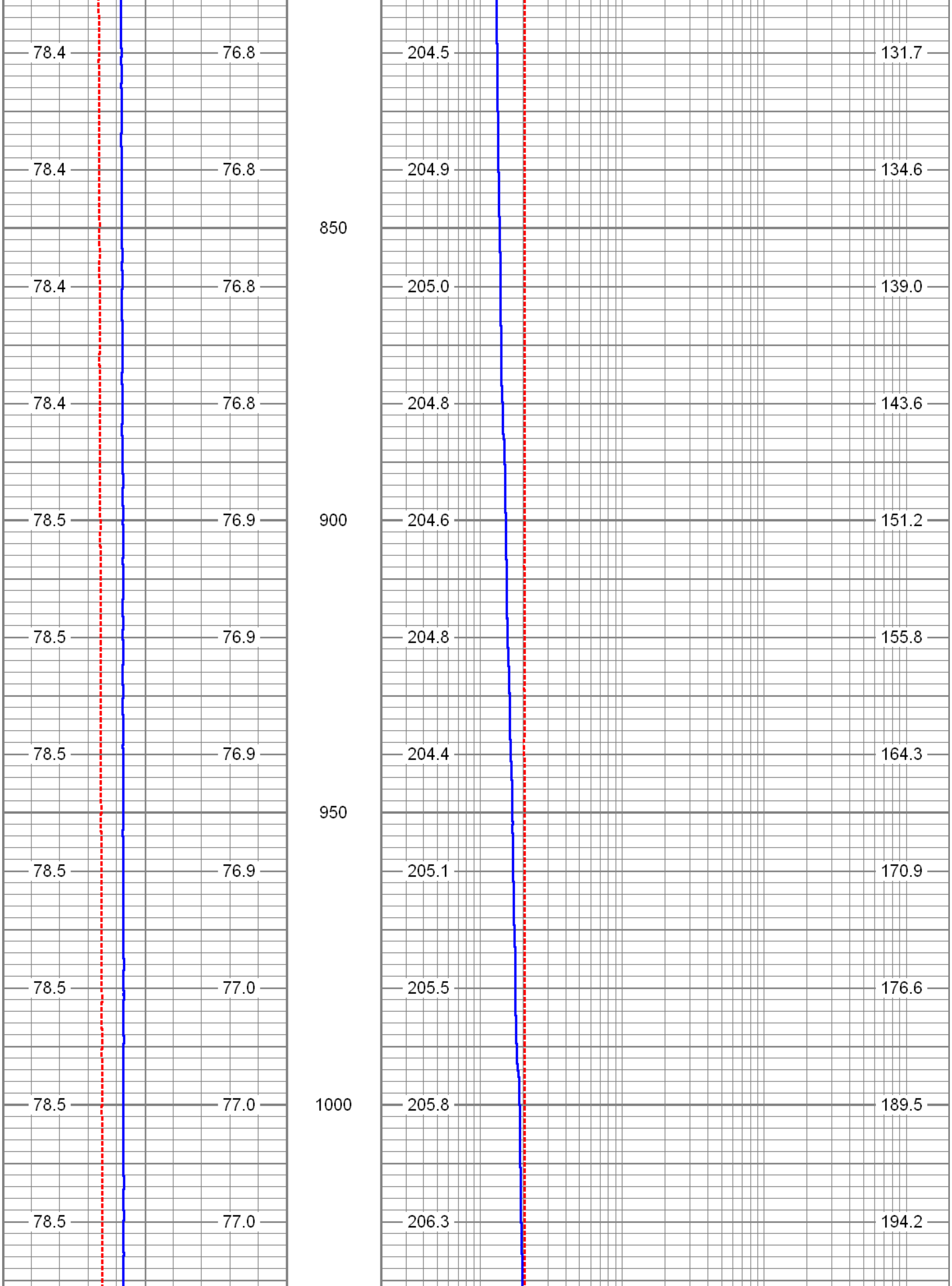
MP_DYNAM (degF)	EMPS_STAT (degF)	CONS_STAT (um)	ON_DYNAM (um)

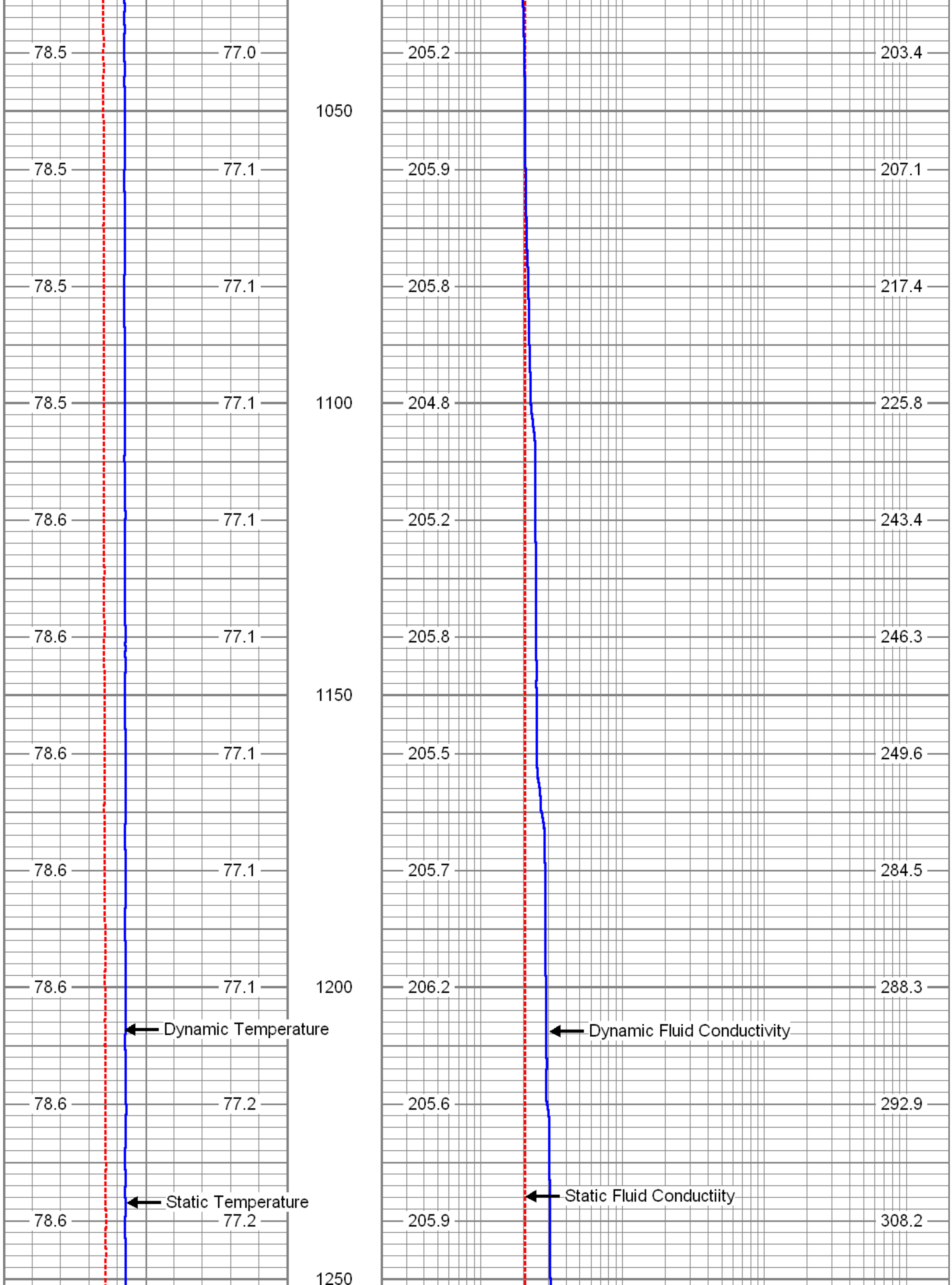


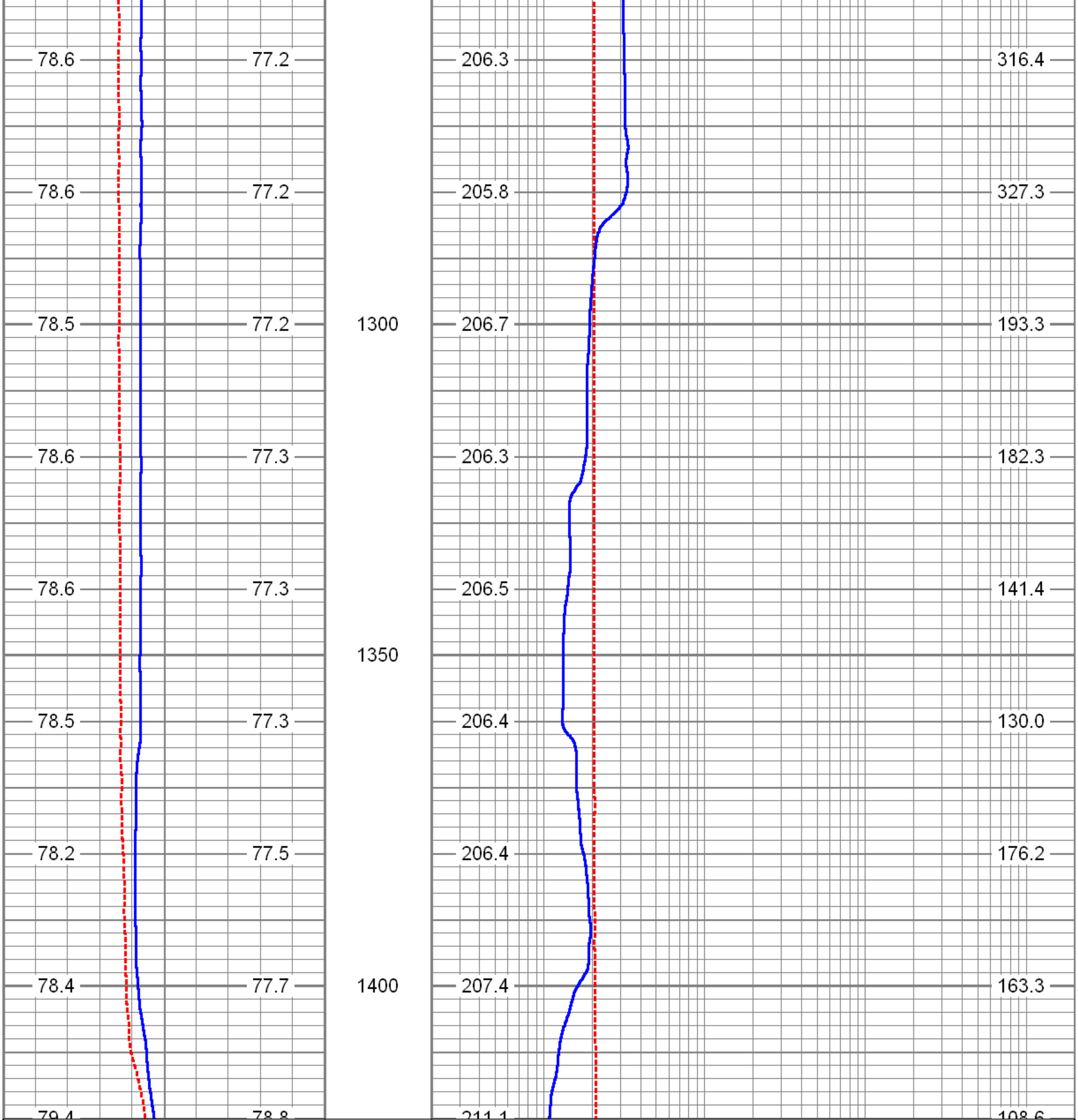

77.8
75.6
192.9
96.3
77.9
75.6
400
192.4
97.2
77.9
75.5
191.2
98.3
77.9
75.6
190.7
97.9
450
77.9
75.5
190.8
98.2
77.9
75.6
190.8
98.0
77.9
75.6
500
190.8
98.6
77.9
75.6
191.0
98.8
78.0
75.6
191.0
99.1
550
78.0
75.6
191.3
98.8
77.9
75.6
191.5
99.3



78.0 75.6 600 192.9 99.4
78.0 75.6 192.3 100.0
78.0 75.7 192.7 100.0
650
78.0 75.7 192.0 101.1
78.0 75.7 193.5 102.2
78.0 75.7 700 193.6 102.6
78.0 75.7 193.1 103.0
78.0 75.8 193.4 104.0
750
78.0 75.7 193.7 105.2
78.1 76.4 202.4 113.9
78.3 76.6 800 204.4 128.0


78.4 76.8 204.5 131.7
78.4 76.8 204.9 134.6
850
78.4 76.8 205.0 139.0
78.4 76.8 204.8 143.6
78.5 76.9 900 204.6 151.2
78.5 76.9 204.8 155.8
78.5 76.9 204.4 164.3
950
78.5 76.9 205.1 170.9
78.5 77.0 205.5 176.6
78.5 77.0 1000 205.8 189.5
78.5 77.0 206.3 194.2


78.5
77.0
205.2
203.4
1050
78.5
77.1
205.9
207.1
78.5
77.1
205.8
217.4
78.5
77.1
1100
204.8
225.8
78.6
77.1
205.2
243.4
78.6
77.1
205.8
246.3
1150
78.6
77.1
205.5
249.6
78.6
77.1
205.7
284.5
78.6
77.1
1200
206.2
288.3
Dynamic Temperature
Dynamic Fluid Conductivity
78.6
77.2
205.6
292.9
Static Temperature
Static Fluid Conductiity
78.6
77.2
205.9
308.2
1250



70 Dynamic Temperature (degF) 90		20 Static Fluid Conductiity (um) 200000	
70 Static Temperature (degF) 90		20 Dynamic Fluid Conductivity (um) 200000	
MP_DYNAM (degF)	EMPS_STAT (degF)	CONS_STAT (um)	ON_DYNAM (um)

Calibration Report

Database File: kisspof27.db
Dataset Pathname: run3/FCTDYMP
Dataset Creation: Thu Jun 09 17:52:34 2011 by Log Open-Cased 071220

Temperature Calibration Report

Temperature Calibration Report

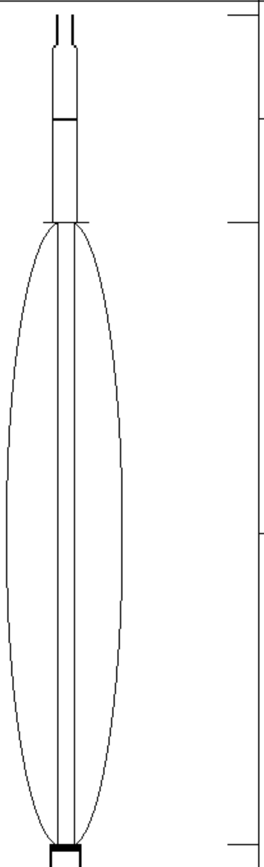
Serial Number: 1
Tool Model: RG
Performed: Wed Jun 08 16:20:12 2011

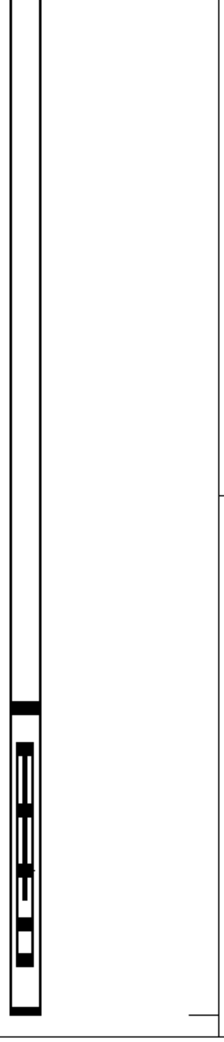
Point #	Reading	Reference	
1	3636.76	32.20	degF
2	4626.58	51.60	degF
3	6505.18	72.00	degF
4	7120.74	77.40	degF
5	8623.55	91.80	degF
6	9608.83	100.60	degF
7			degF
8			degF
9			degF
10			degF

Calibration Report

Serial Number: 1
Tool Model: RG
Performed: Wed Jun 08 16:20:10 2011

Reference (um)	Reading ()
1023.000	1131.130
10090.000	10173.500
13040.000	12435.600
25200.000	23497.400
29200.000	24812.300
49900.000	39605.500

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CBLINLINE	3.00	1.50	10.00



		FRTEMP-RG (1) RG_FCON	5.00	1.50	25.00
FCON	0.50				
TEMP	0.33				

Dataset:	kisspof27.db: field/well/run3/FCTDYMP
Total Length:	9.00 ft
Total Weight:	40.00 lb
O.D.	1.50 in

STATIC & DYNAMIC FLOWMETER LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services SEE COMMENTS

Permanent Datum PAD Elevation
Log Measured From PAD
Drilling Measured From PAD

Elevation K.B. D.F. G.L.

Date	09-JUN-2011		
Run Number	THREE		
Depth Driller	1403'		
Depth Logger	1403'		
Bottom Logged Interval	1403'		
Top Log Interval	CASING		
Open Hole Size	8"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS	B. COLLINS	S. ANDERSON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				
TWO	19.00"	CASING	250'				
THREE	8.00"	CASING	1403'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String	14"	.375 W.T	SURFACE	275'
Production String				
Liner				

<<< Fold Here >>>

Comments

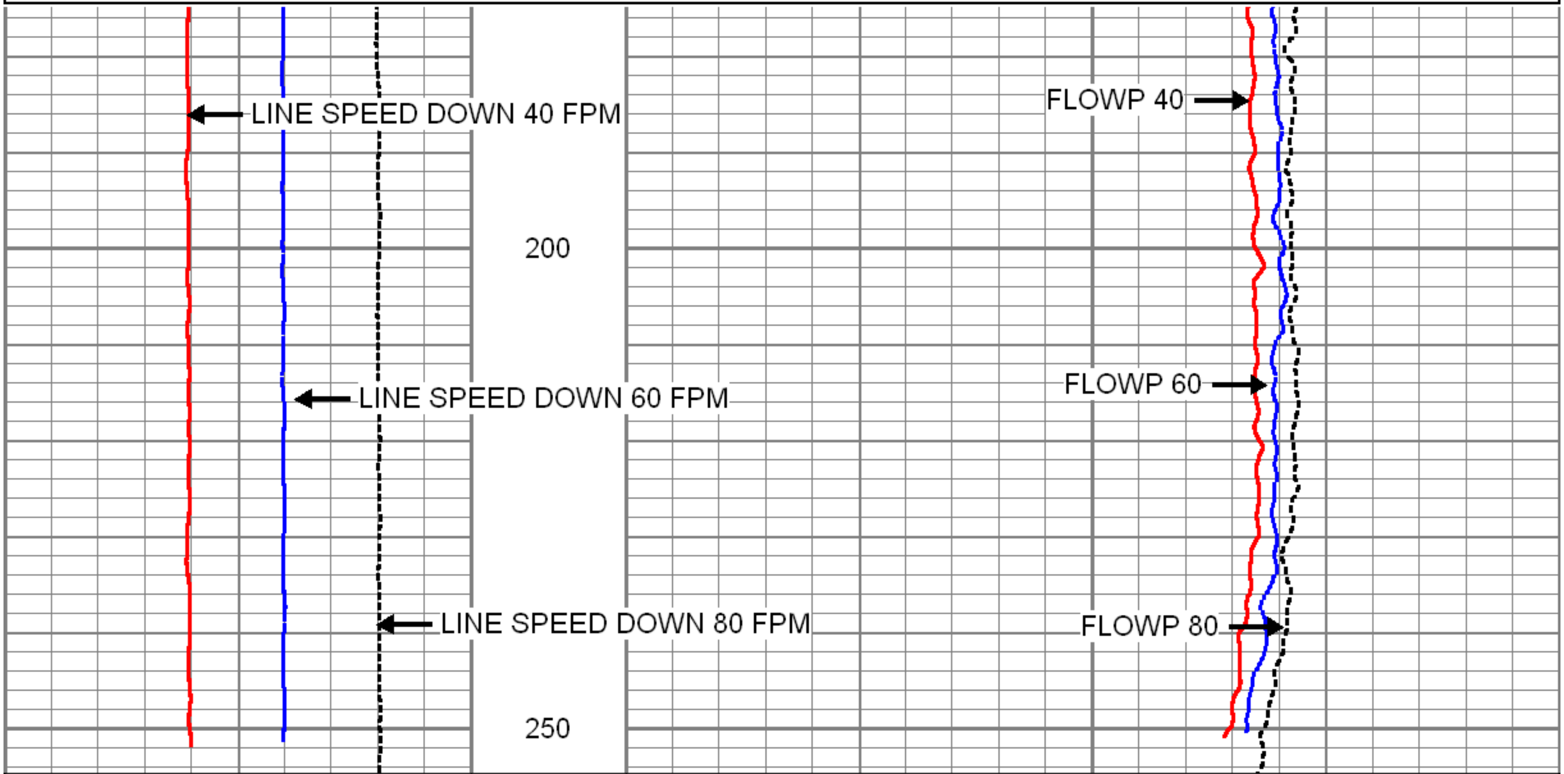
FLOWRATE = 2,000 GPM

BHC/SONIC/VDL
DIL/SP
XYC/GR
FCT

DYNAMIC CAL 40,60&80 FPM

Database File: kisspof27.db
Dataset Pathname: run3/FMDYCAL40
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:56:59 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	LSPD_40 FPM (ft/min)	100	0	FLOWP_ 40 FPM (cps)	200
0	LSPD_60FPM (ft/min)	100	0	FLOWP_60 FPM (cps)	200
0	LSPD_80 FPM (ft/min)	100	0	FLOWP_80 FPM (cps)	200

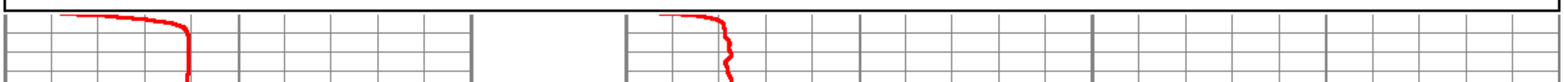


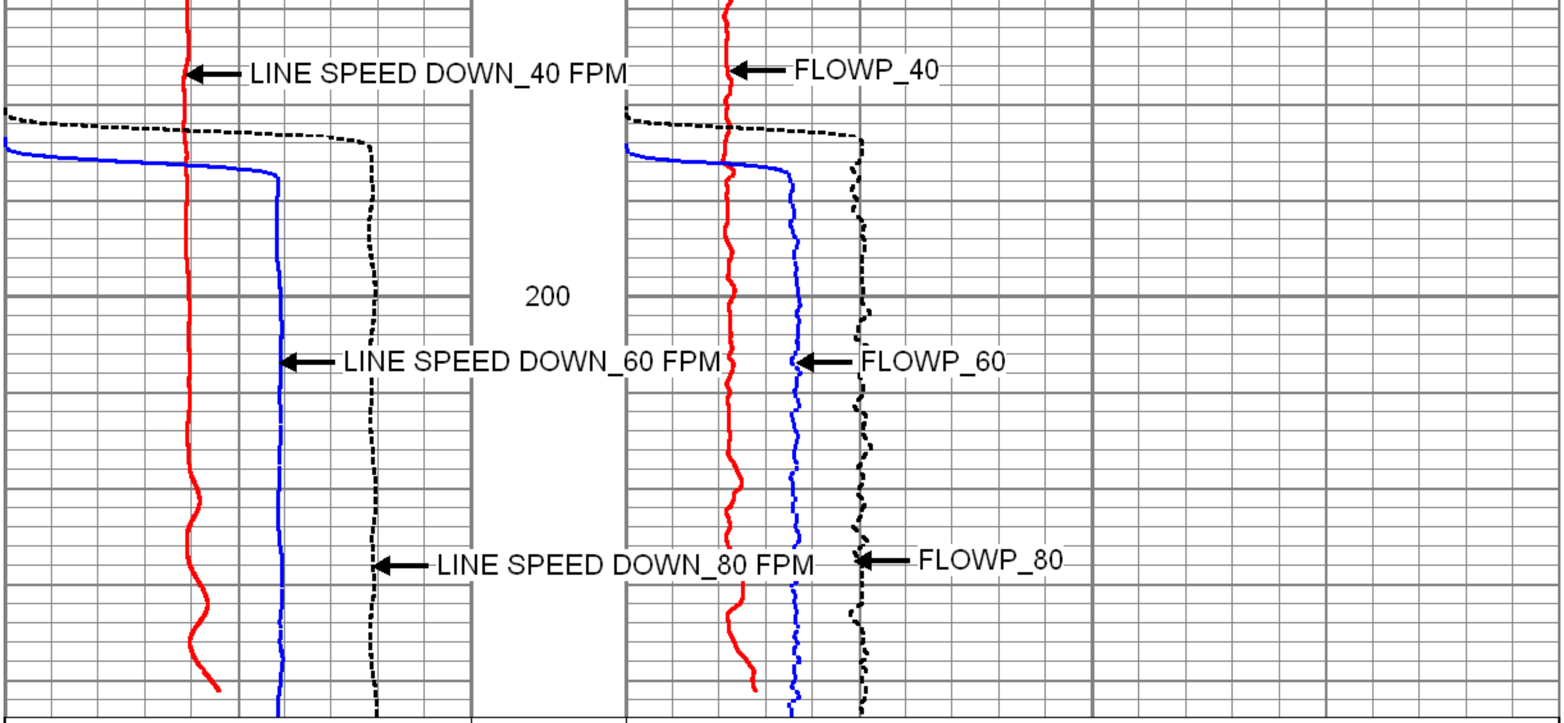
0	LSPD_40 FPM (ft/min)	100	0	FLOWP_ 40 FPM (cps)	200
0	LSPD_60FPM (ft/min)	100	0	FLOWP_60 FPM (cps)	200
0	LSPD_80 FPM (ft/min)	100	0	FLOWP_80 FPM (cps)	200

STATIC CALS 40,60 & 80 FPM

Database File: kisspof27.db
Dataset Pathname: run3/FCFMSD40
Presentation Format: flow
Dataset Creation: Wed Jun 08 17:34:24 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	LSPD40 (ft/min)	100	0	FLOWP40 (cps)	100
0	LSPD60 (ft/min)	100	0	FLOWP60 (cps)	100
0	LSPD80 (ft/min)	100	0	FLOWP80 (cps)	100





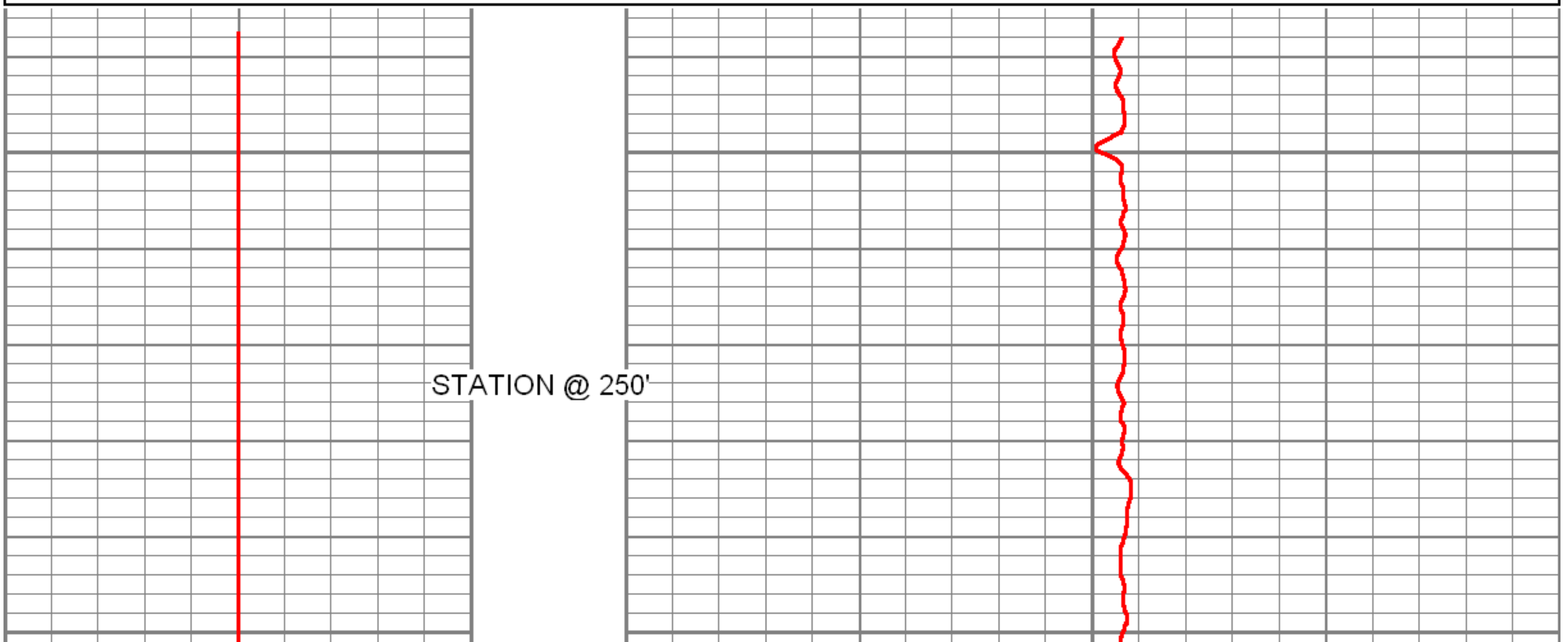
0	LSPD40 (ft/min)	100	0	FLOWP40 (cps)	100
0	LSPD60 (ft/min)	100	0	FLOWP60 (cps)	100
0	LSPD80 (ft/min)	100	0	FLOWP80 (cps)	100

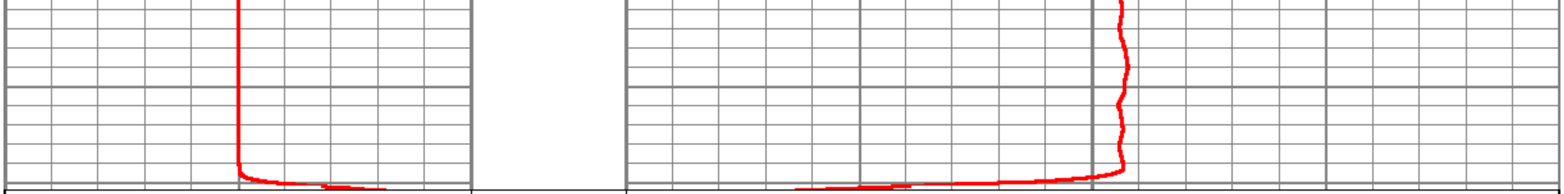
ALLWEBBS ENTERPRISES, INC.

STATION @ 250'

Database File:	kisspof27.db
Dataset Pathname:	run3/FM250
Presentation Format:	flow
Dataset Creation:	Thu Jun 09 16:53:08 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0	LSPD _TIME DRIVE (ft/min)	100	0	FLOWP_ STATION (cps)	200



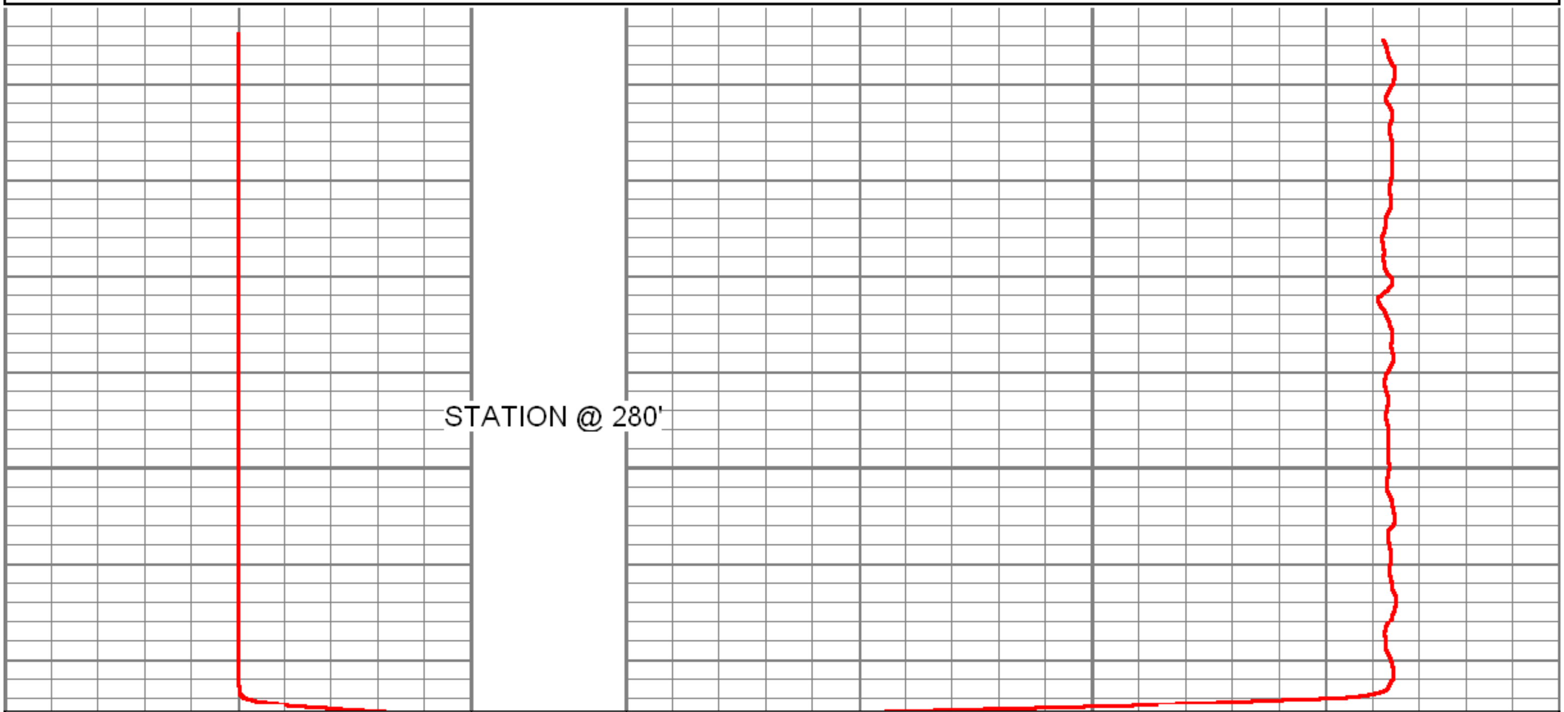


0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

STATION @ 280'

Database File: kisspof27.db
Dataset Pathname: run3/FM280
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:50:03 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

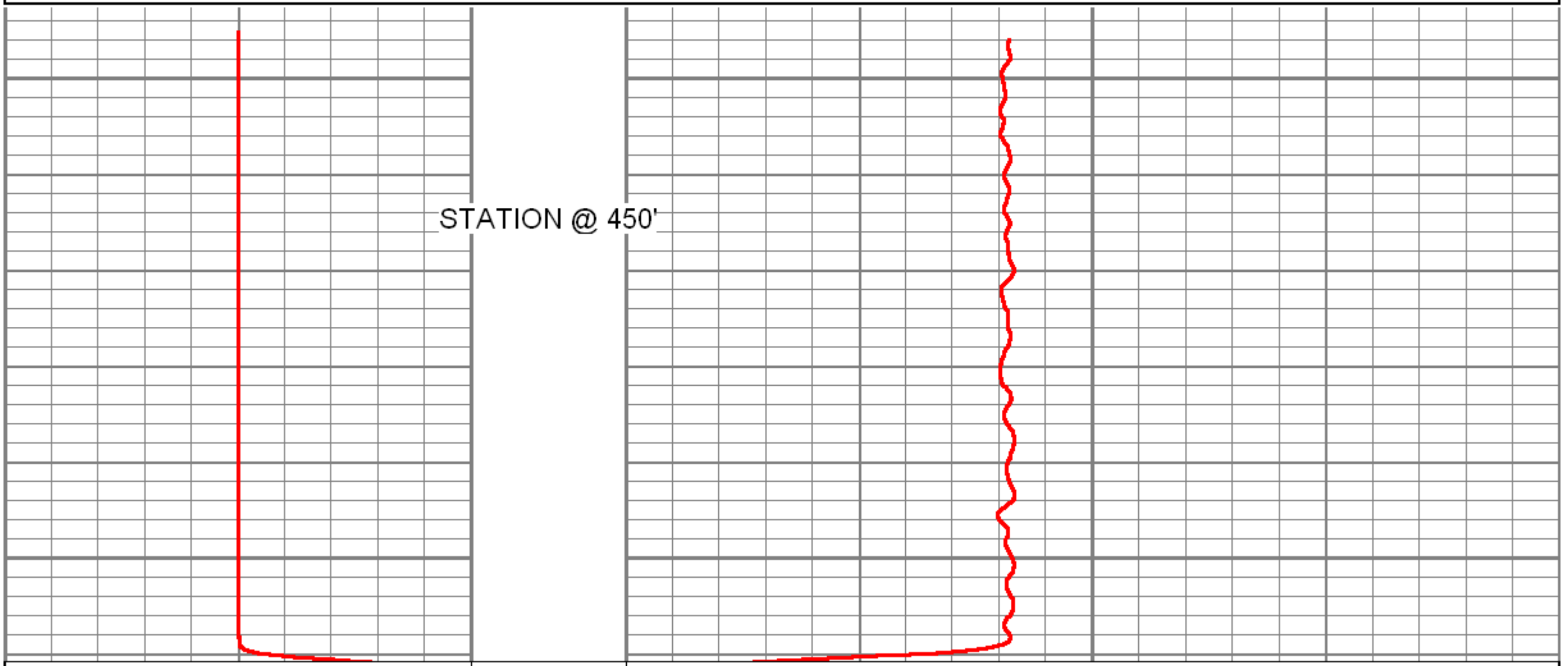


0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

STATION @ 450'

Database File: kisspof27.db
Dataset Pathname: run3/FM450
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:47:20 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200



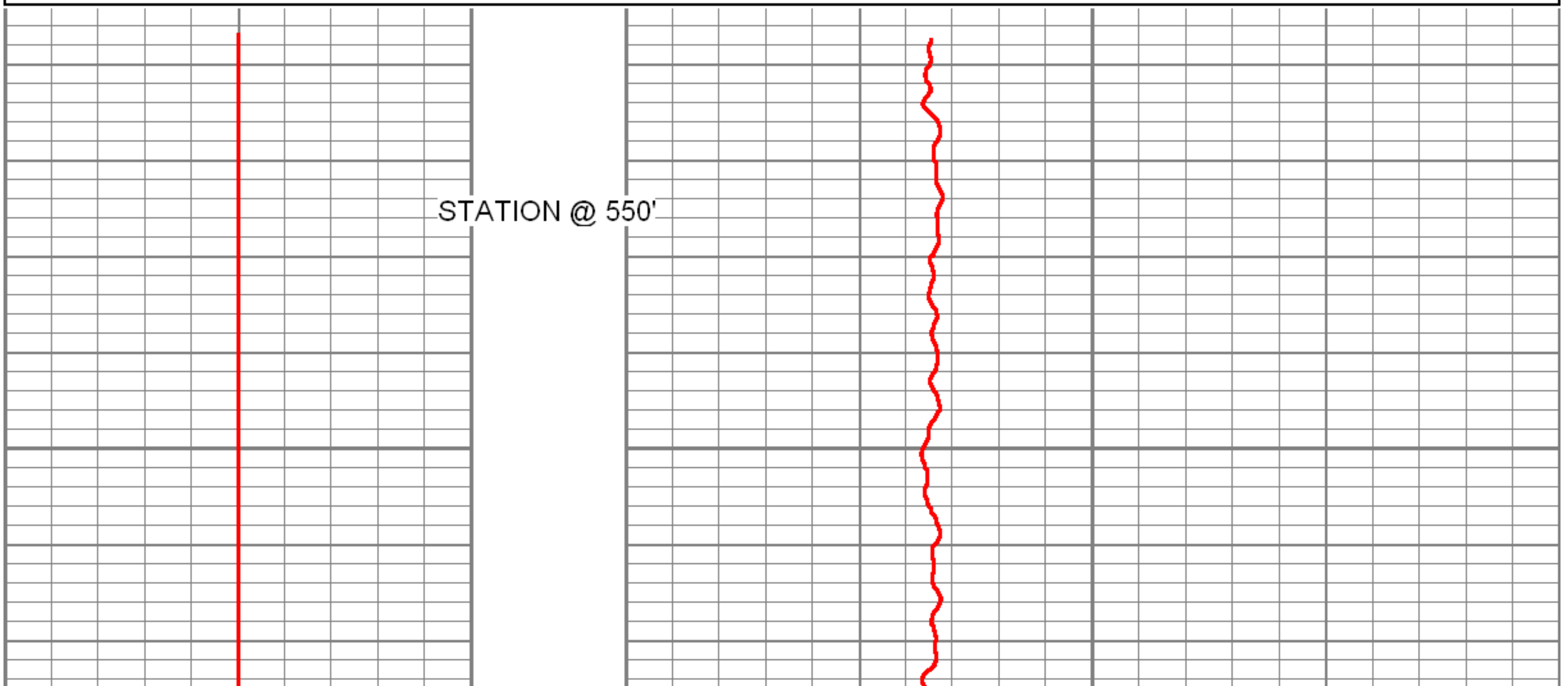
0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

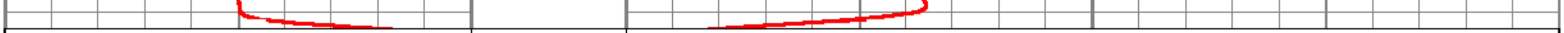
ALLWEBBS ENTERPRISES, INC.

STATION @ 550'

Database File: kisspof27.db
Dataset Pathname: run3/FM550
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:45:00 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200



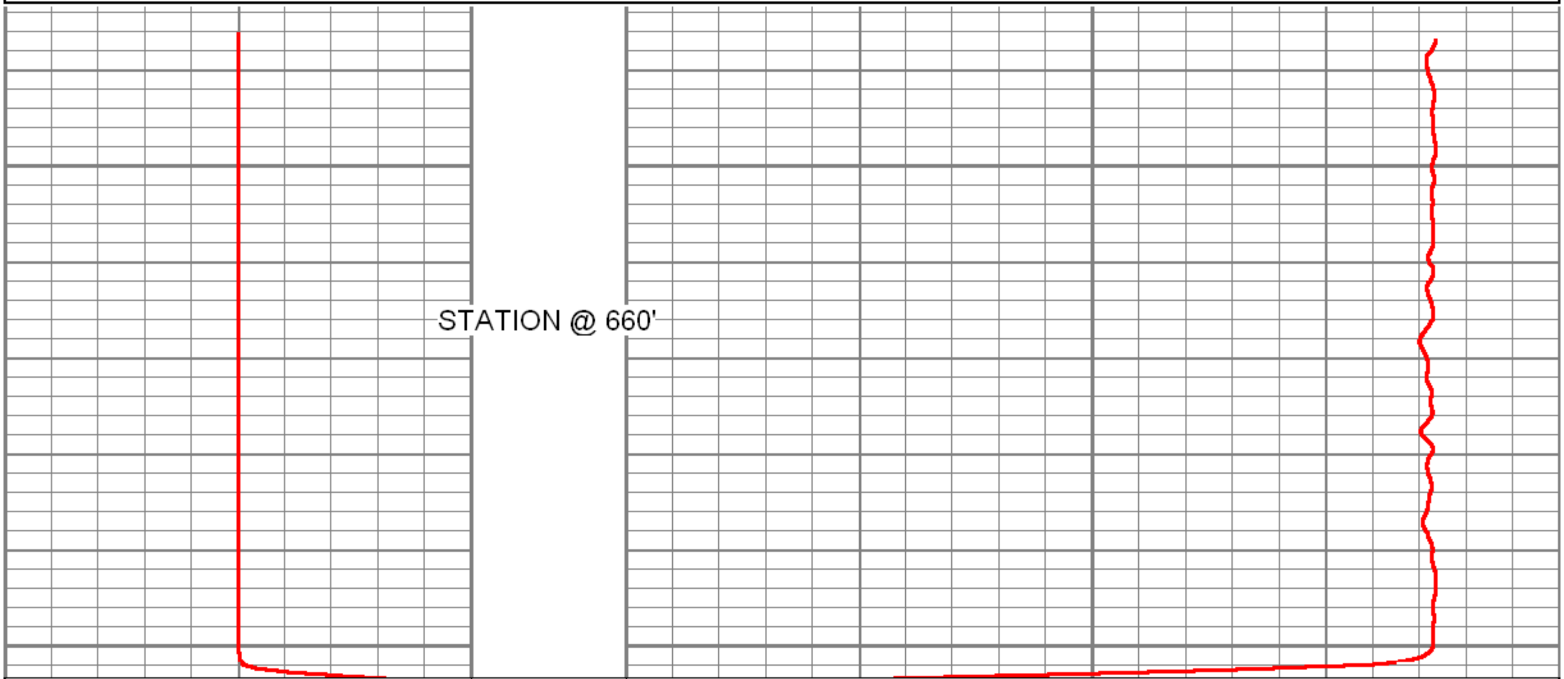


0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

STATION @ 660'

Database File: kisspof27.db
Dataset Pathname: run3/FM660
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:42:29 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

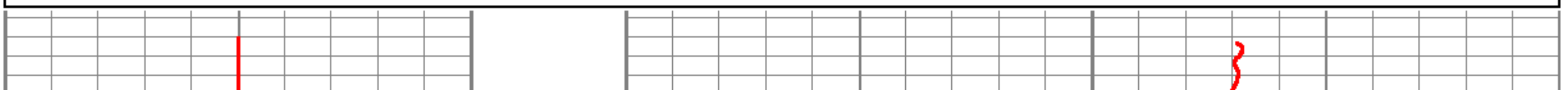


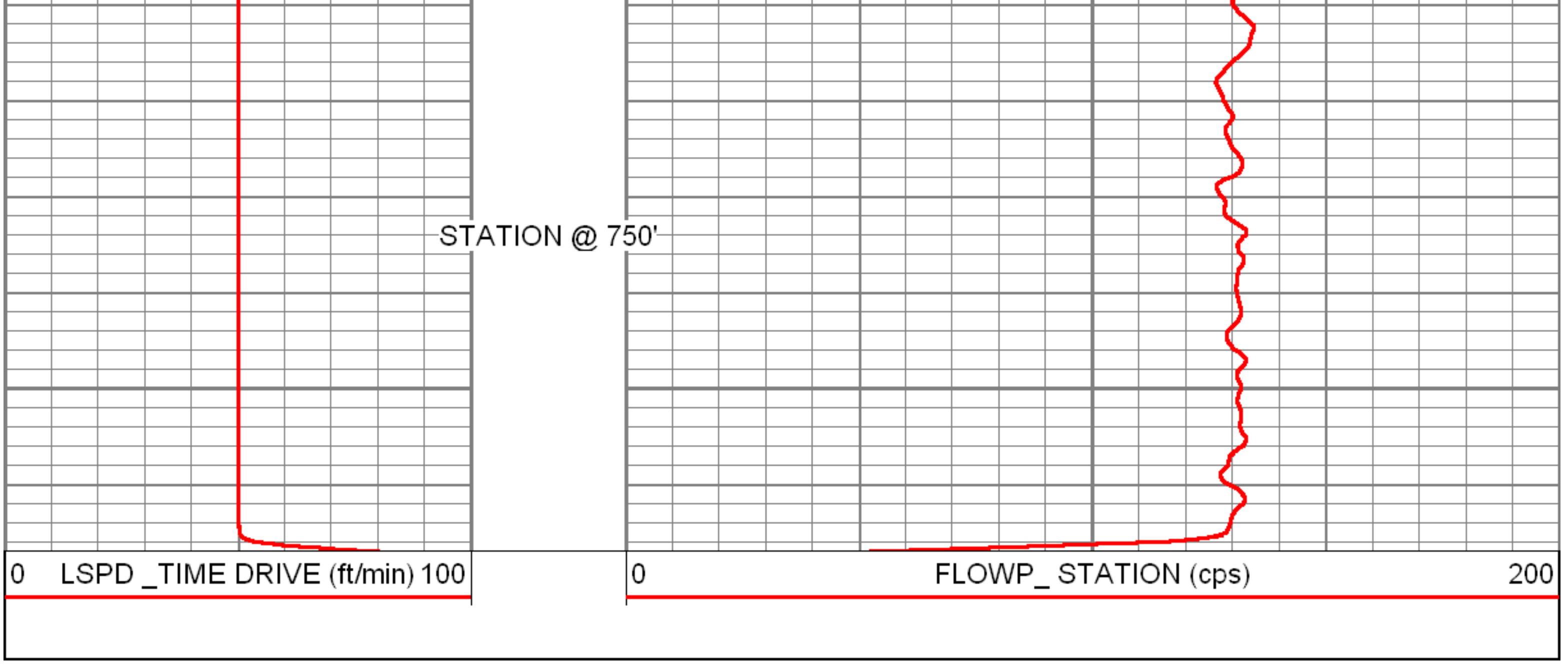
0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

STATION @ 750'

Database File: kisspof27.db
Dataset Pathname: run3/FM750
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:40:13 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

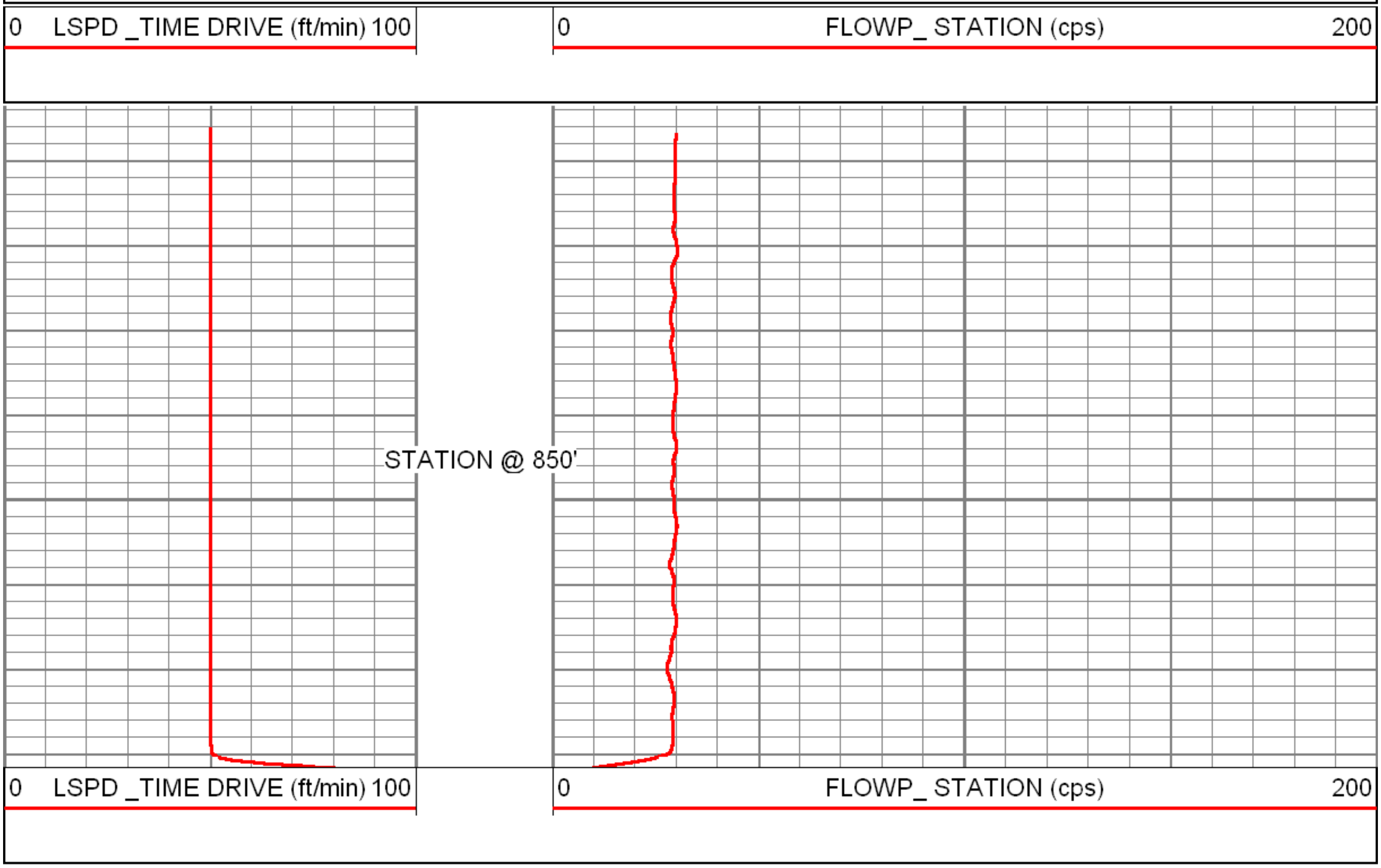
0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200





STATION @ 850'

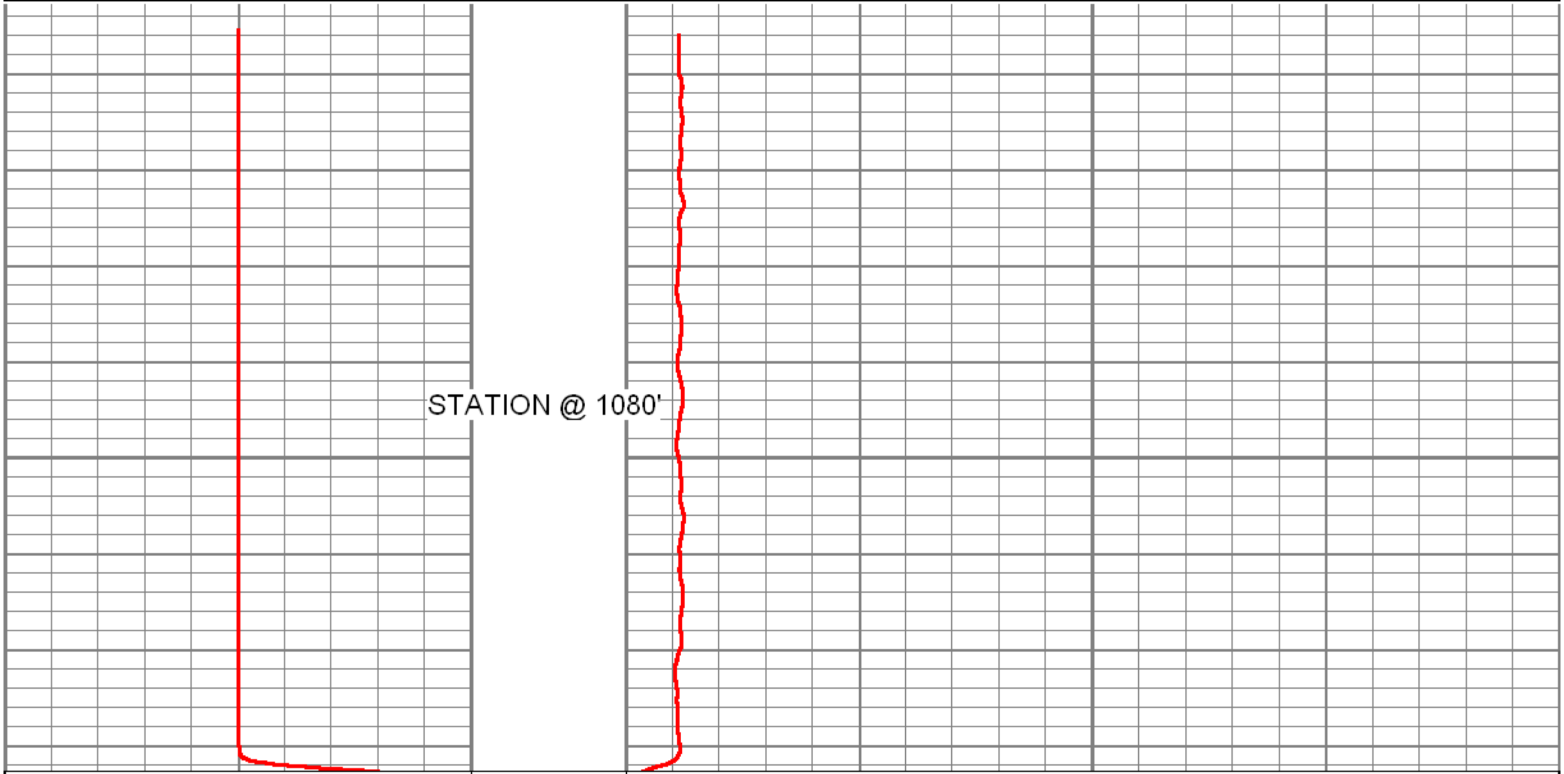
Database File:	kisspof27.db
Dataset Pathname:	run3/FM850
Presentation Format:	flow
Dataset Creation:	Thu Jun 09 16:37:55 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240



STATION @ 1080'

Database File: kisspof27.db
Dataset Pathname: run3/FM1080
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:34:54 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100 | 0 FLOWP_ STATION (cps) 200

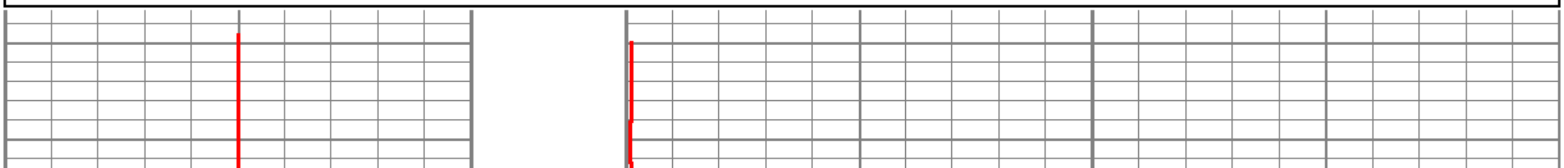


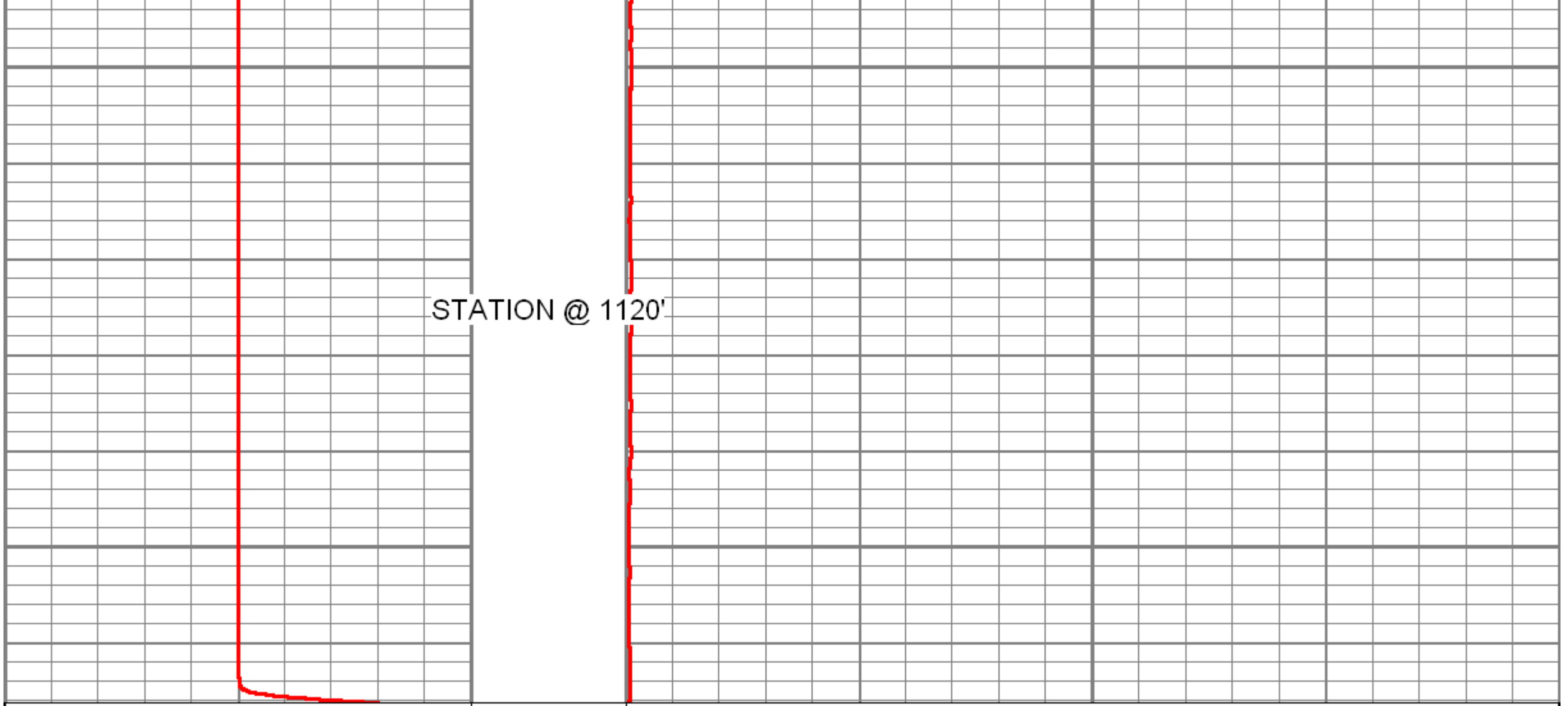
0 LSPD _TIME DRIVE (ft/min) 100 | 0 FLOWP_ STATION (cps) 200

STATION @ 1120'

Database File: kisspof27.db
Dataset Pathname: run3/FM1120
Presentation Format: flow
Dataset Creation: Thu Jun 09 16:32:14 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100 | 0 FLOWP_ STATION (cps) 200



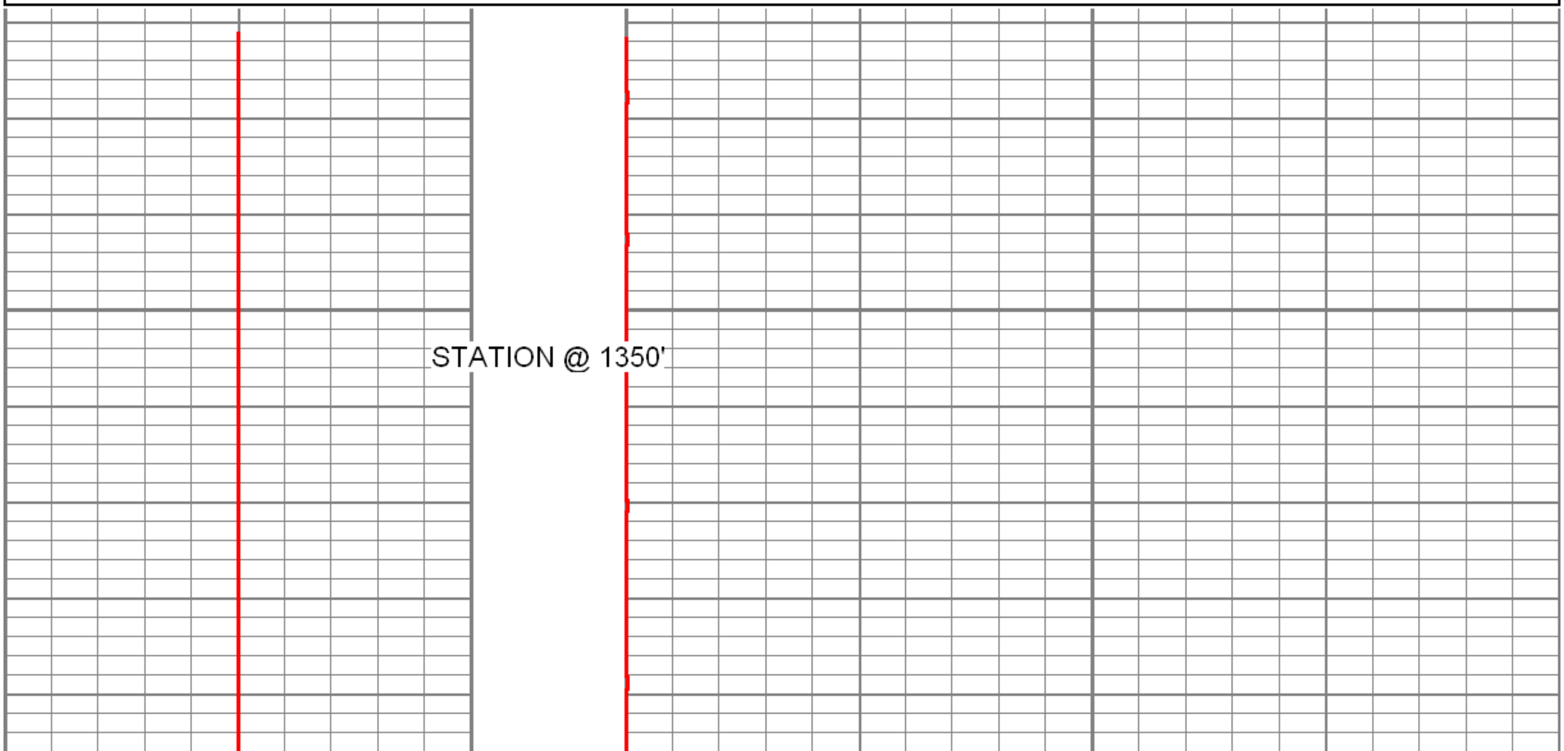


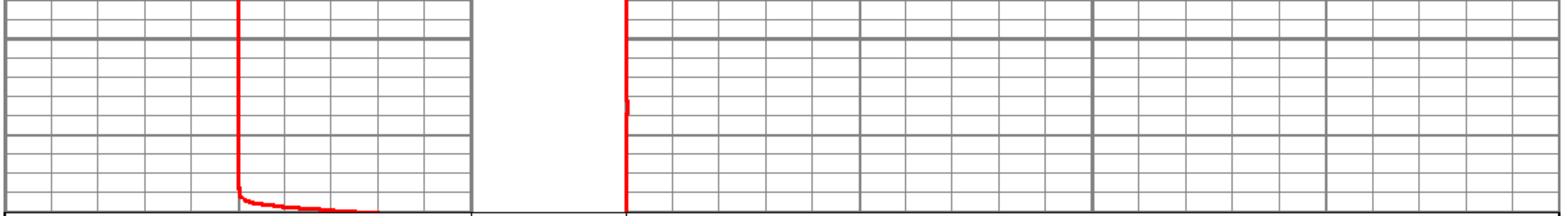
0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200

STATION @ 1350'

Database File:	kisspof27.db
Dataset Pathname:	run3/FM1350
Presentation Format:	flow
Dataset Creation:	Thu Jun 09 16:28:11 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100	0 FLOWP_ STATION (cps) 200



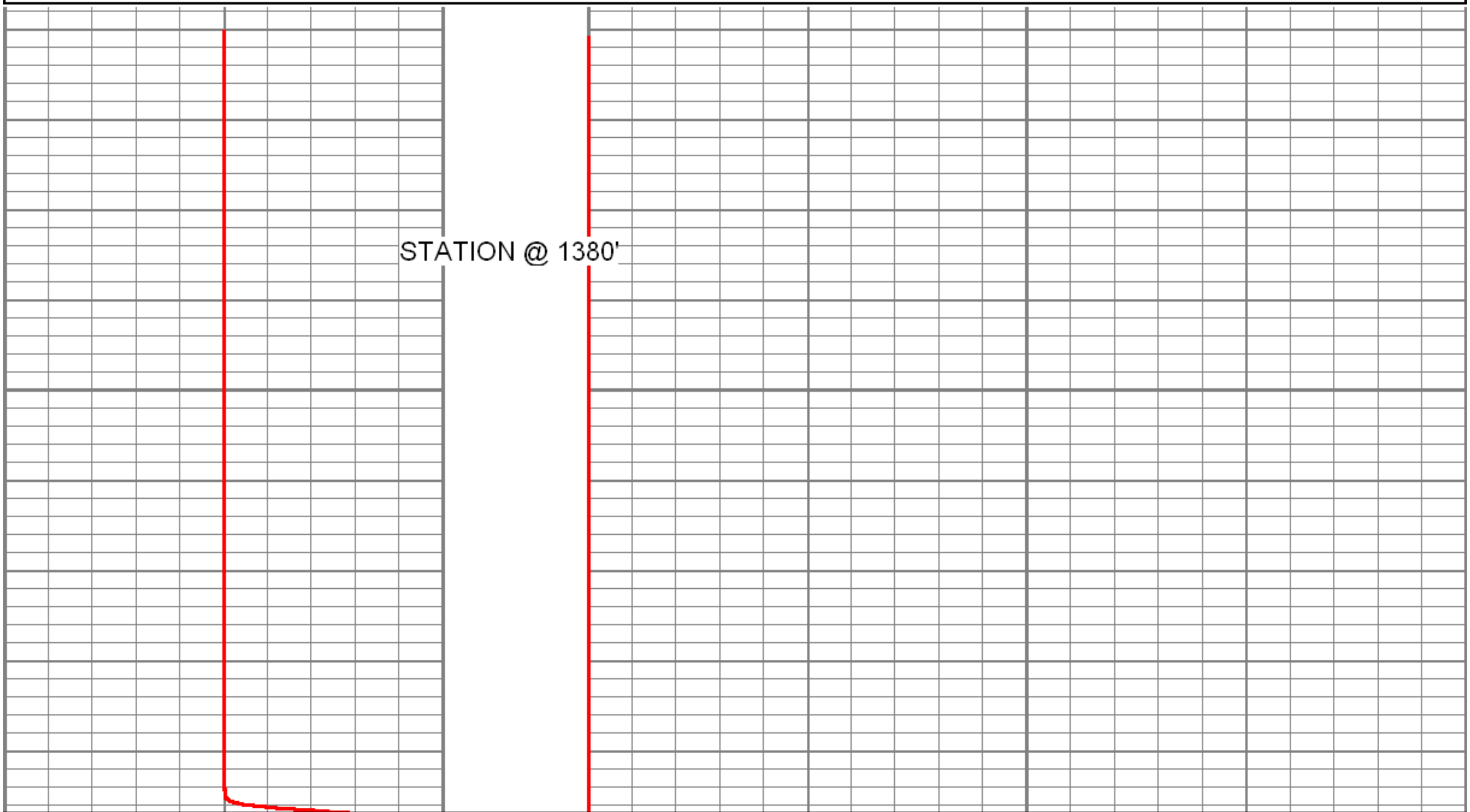


0 LSPD _TIME DRIVE (ft/min) 100 | 0 FLOWP_ STATION (cps) 200

STATIO @ 1380'

Database File:	kisspof27.db
Dataset Pathname:	run3/FM1380
Presentation Format:	flow
Dataset Creation:	Thu Jun 09 16:25:37 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD _TIME DRIVE (ft/min) 100 | 0 FLOWP_ STATION (cps) 200



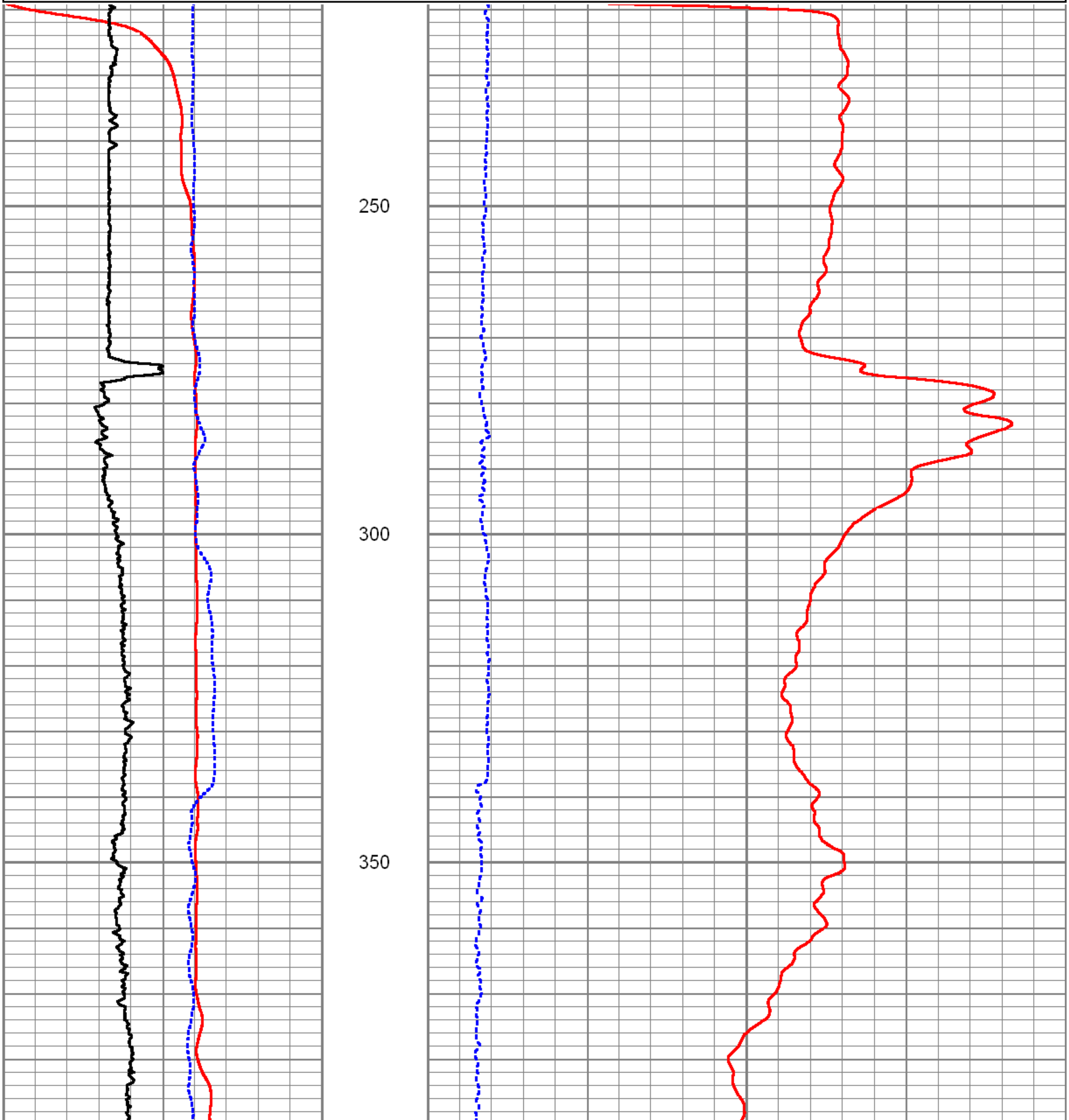
0 LSPD _TIME DRIVE (ft/min) 100 | 0 FLOWP_ STATION (cps) 200

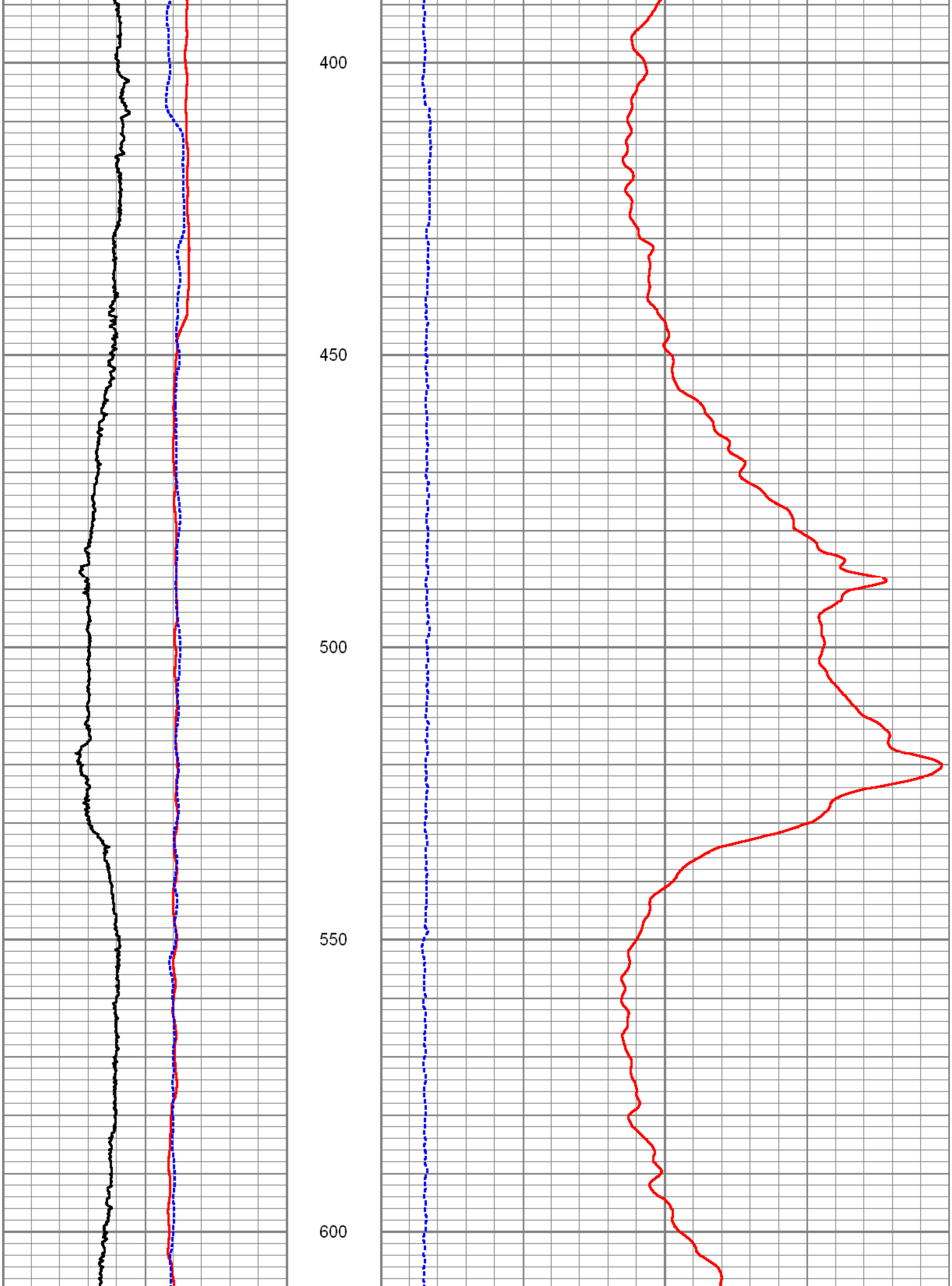
STATIC & DYNAMIC 60 FPM

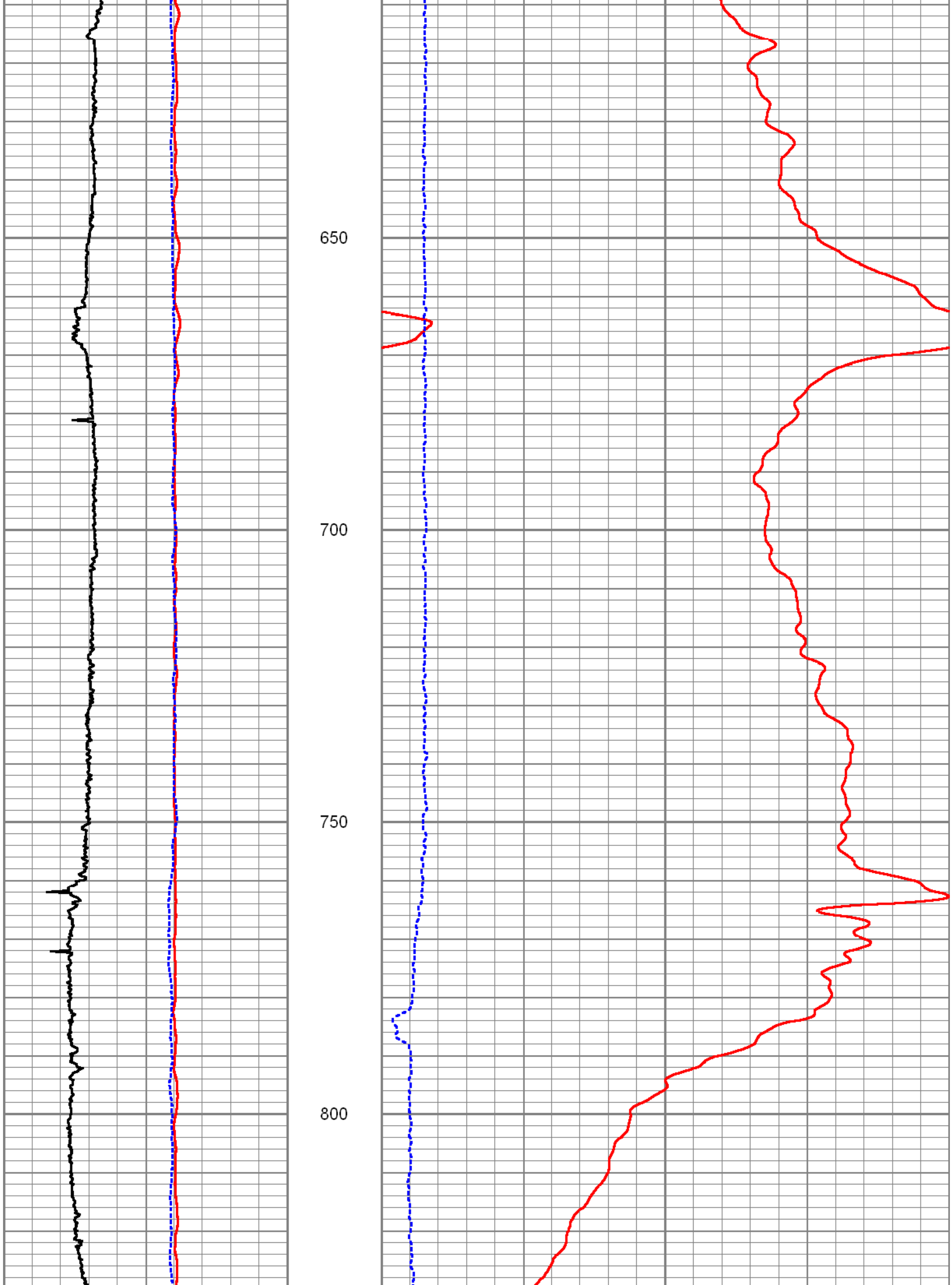
Database File:	kisspof27.db
Dataset Pathname:	run3/FMDY601
Presentation Format:	flow
Dataset Creation:	Thu Jun 09 16:03:57 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

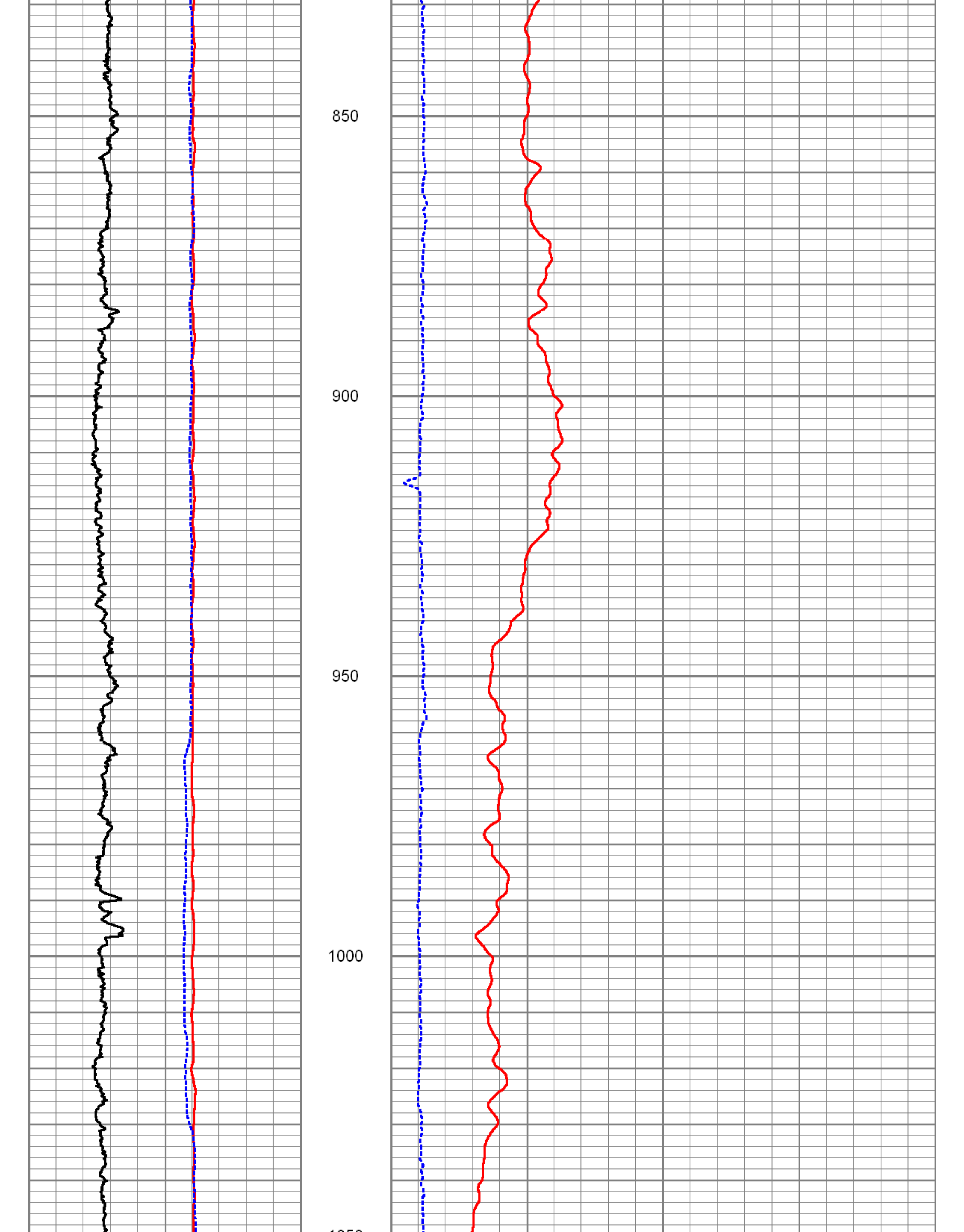
LSPD _DYNAMIC DOWN
0 (ft/min) 100
LSPD_STATIC DOWN
0 (ft/min) 100
0 CALIPER AVERAGE (in) 40

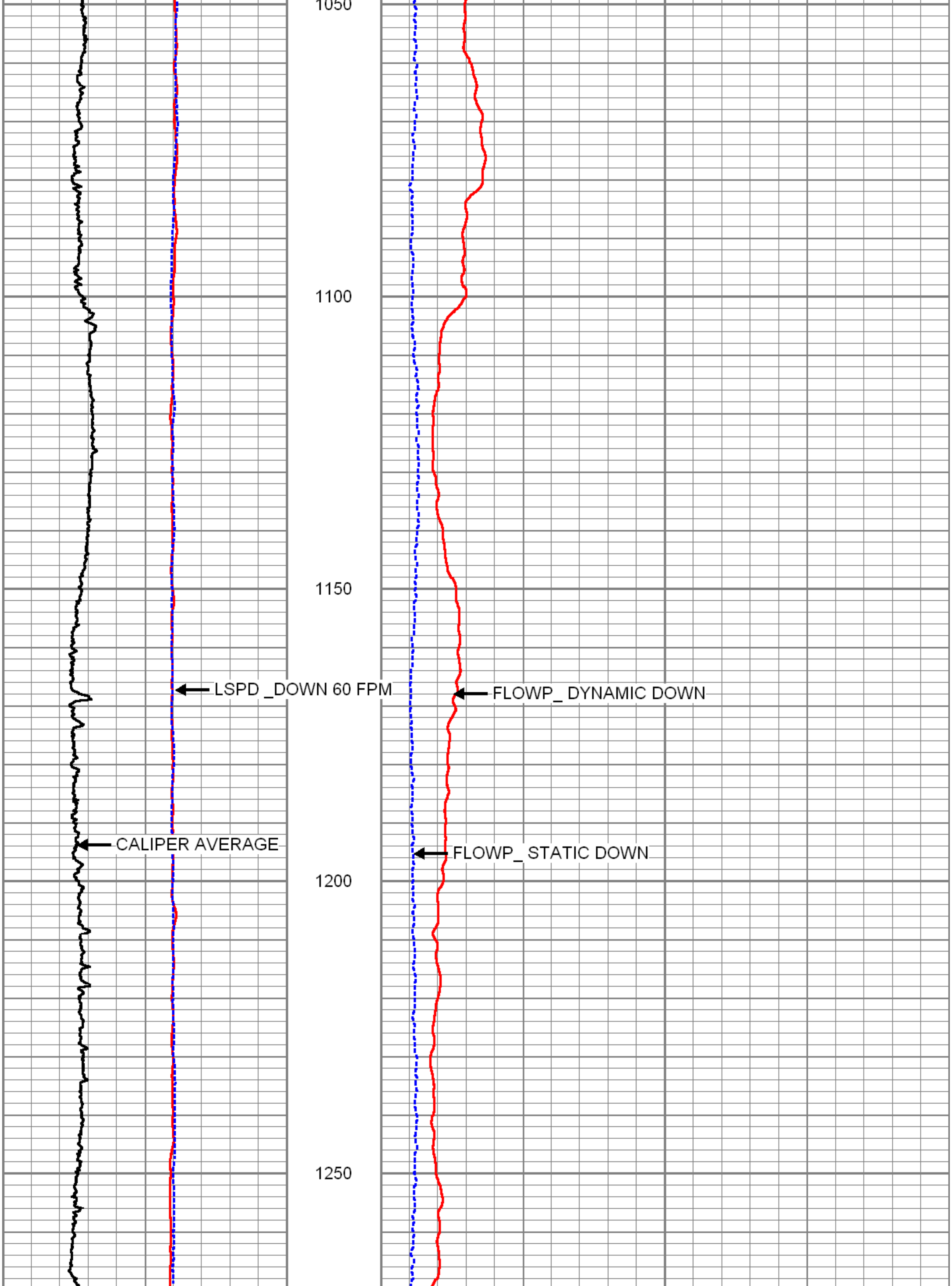
0 FLOWP_ DYNAMIC DOWN (cps) 200
0 FLOWP_STATIC DOWN (cps) 200

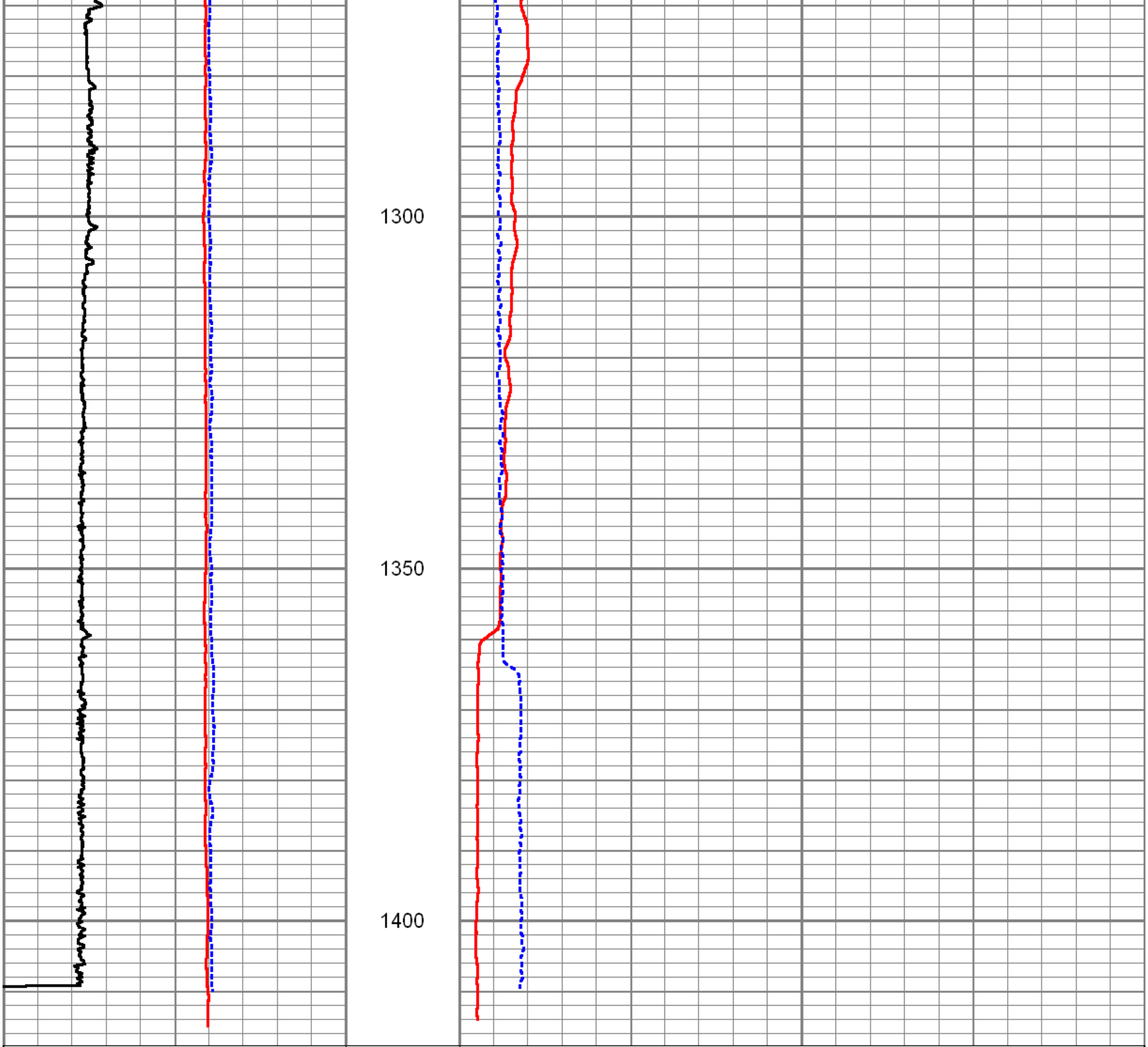



400
450
500
550
600

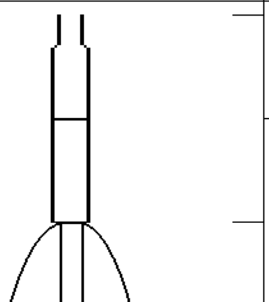

650
700
750
800

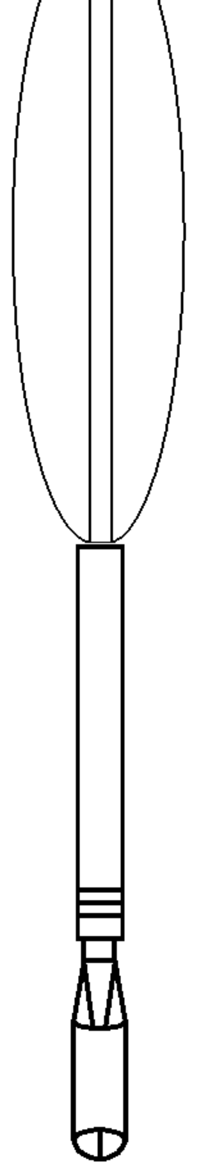

850
900
950
1000


1050
1100
1150
1200
1250
LSPD _DOWN 60 FPM
FLOWP_ DYNAMIC DOWN
CALIPER AVERAGE
FLOWP_ STATIC DOWN



LSPD _DYNAMIC DOWN 0 (ft/min) 100	0 FLOWP_ DYNAMIC DOWN (cps) 200
LSPD_STATIC DOWN 0 (ft/min) 100	0 FLOWP_STATIC DOWN (cps) 200
0 CALIPER AVERAGE (in) 40	

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		CBLINLINE	3.00	1.50	10.00
		FLOWMETER-TITAN (TITAN_3") TITAN_3"	3.00	1.69	25.00
FLOWP	0.25				
FLOWN	0.25				

Dataset:	kisspof27.db: field/well/run3/FMDYCAL80
Total Length:	7.00 ft
Total Weight:	40.00 lb
O.D.	1.69 in

X-Y CALIPER
GAMMA RAY
LOG

ALLWEBBS ENTERPRISES, INC.

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #27
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #27
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE
COMMENTS

Permanent Datum	PAD	Elevation	Elevation
Log Measured From	PAD		K.B.
Drilling Measured From	PAD		D.F.
			G.L.

Date	08-JUN-2011		
Run Number	THREE		
Depth Driller	1403'		
Depth Logger	1403'		
Bottom Logged Interval	1403'		
Top Log Interval	CASING		
Open Hole Size	8"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPTIER		
Recorded By	LEE		
Witnessed By	E. HOPKINS	B. COLLINS	S. ANDERSON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	8.00"	SURFACE	350'				
TWO	19.00"	CASING	250'				
THREE	8.00"	CASING	1403'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375 W.T	SURFACE	32'
Prot. String	14"	.375 W.T	SURFACE	275'
Production String				
Liner				

<<< Fold Here >>>

Comments

FLOWMETER
BHC/SONIC
DIL/SP
FCT

ALLWEBBS

MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof27.db
Dataset Pathname:	run3/XYCMPFIN
Presentation Format:	xyc
Dataset Creation:	Wed Jun 08 13:50:38 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

0 Caliper Average (in) 40

0 GR (GAPI) 100

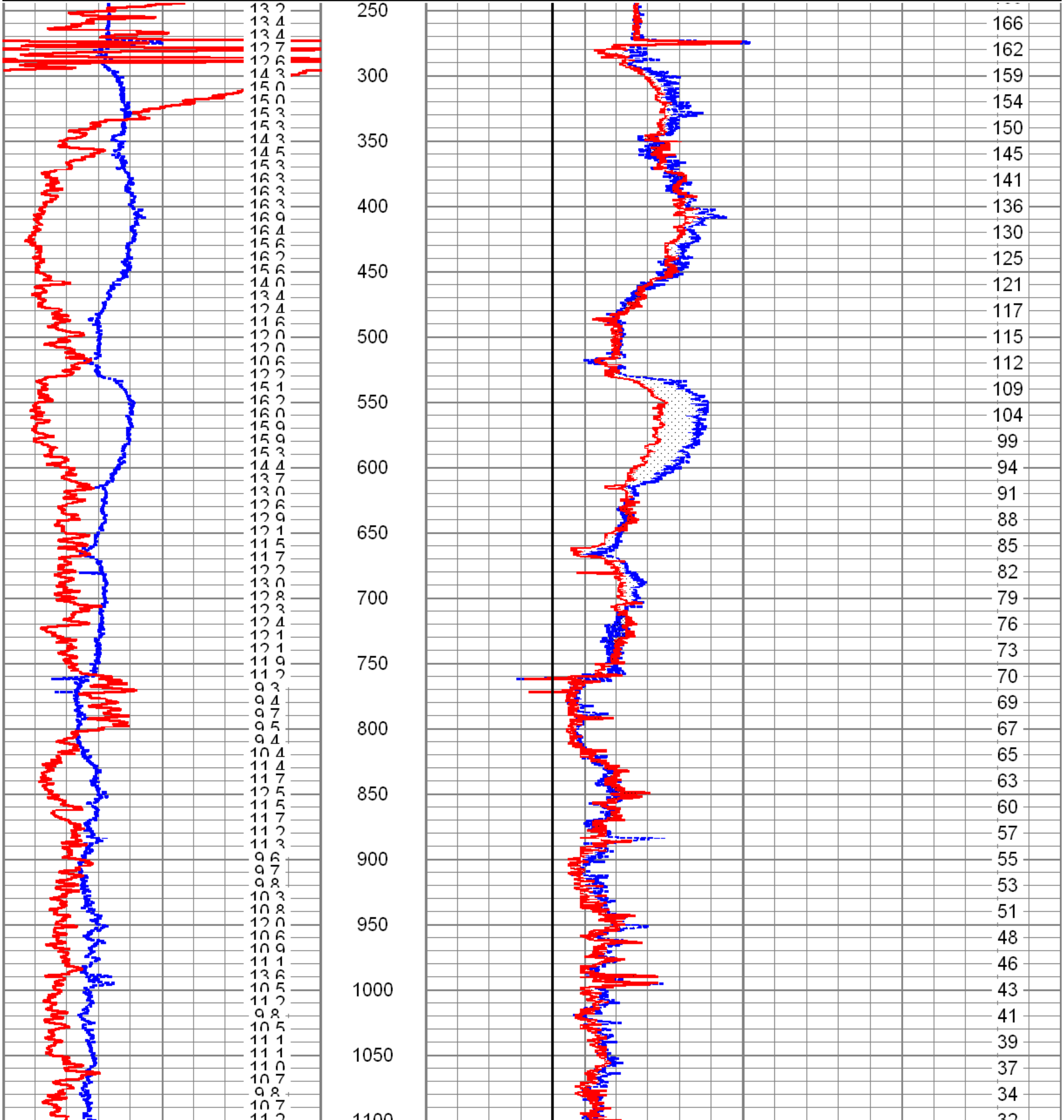
CALA (in)

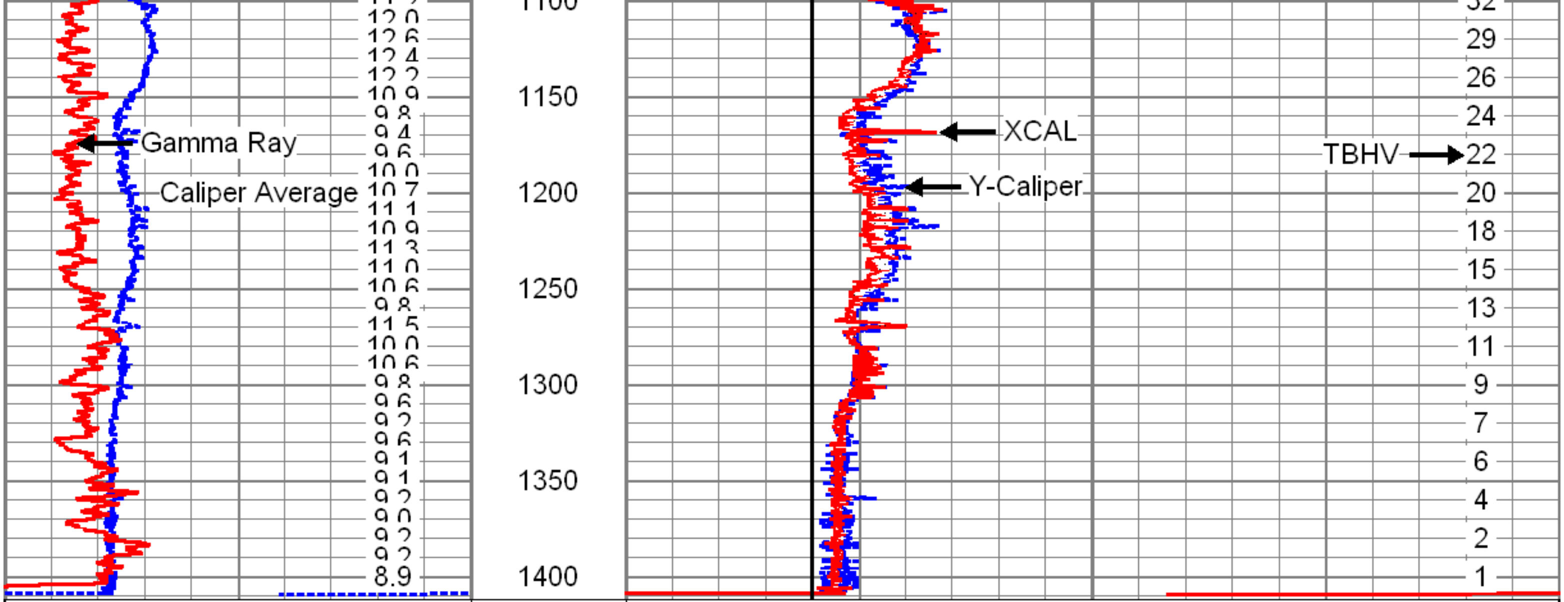
0 Y-Caliper (in) 40

0 X-Caliper (in) 40

0 Borehole ID (in) 40

TBHV (bbl)





0 Caliper Average (in) 40 | 0 Y-Caliper (in) 40

0 GR (GAPI) 100 | 0 X-Caliper (in) 40

CALA (in) | 0 Borehole ID (in) 40

TBHV (bbl)

MAIN PASS

ALLWEBBS ENTERPRISES, INC.

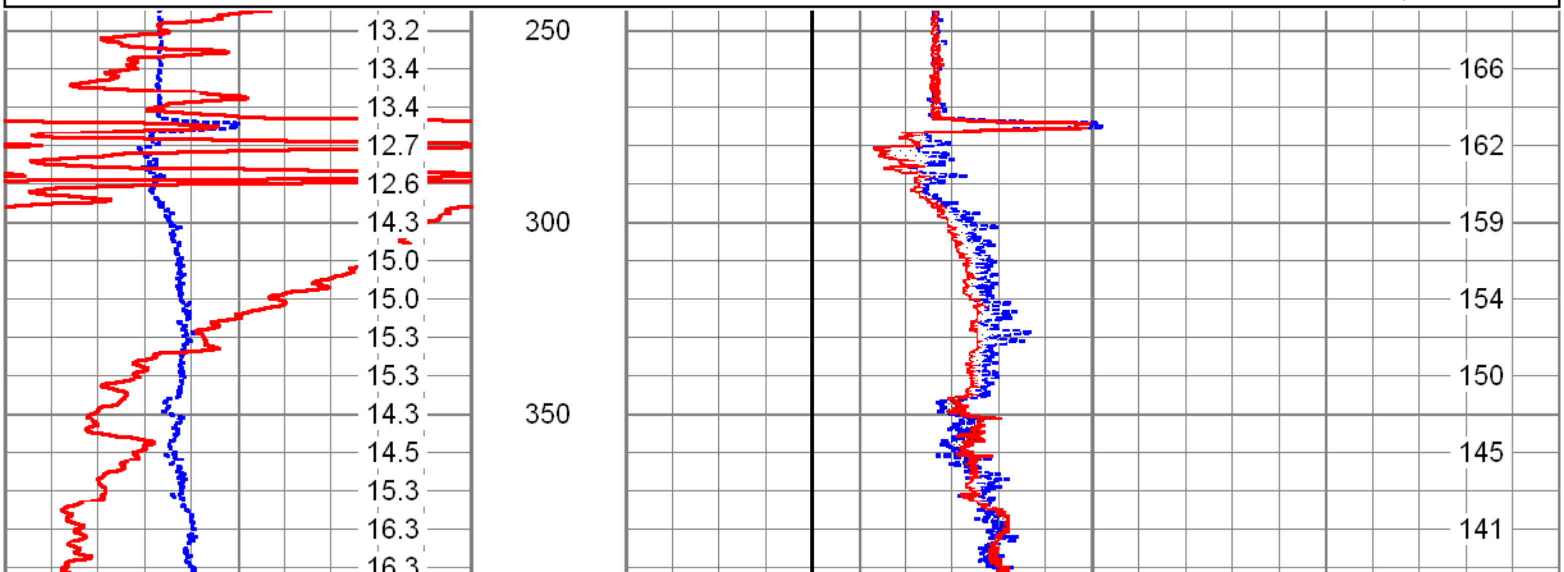
Database File:	kisspof27.db
Dataset Pathname:	run3/XYCMPFIN
Presentation Format:	xyc
Dataset Creation:	Wed Jun 08 13:50:38 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:600

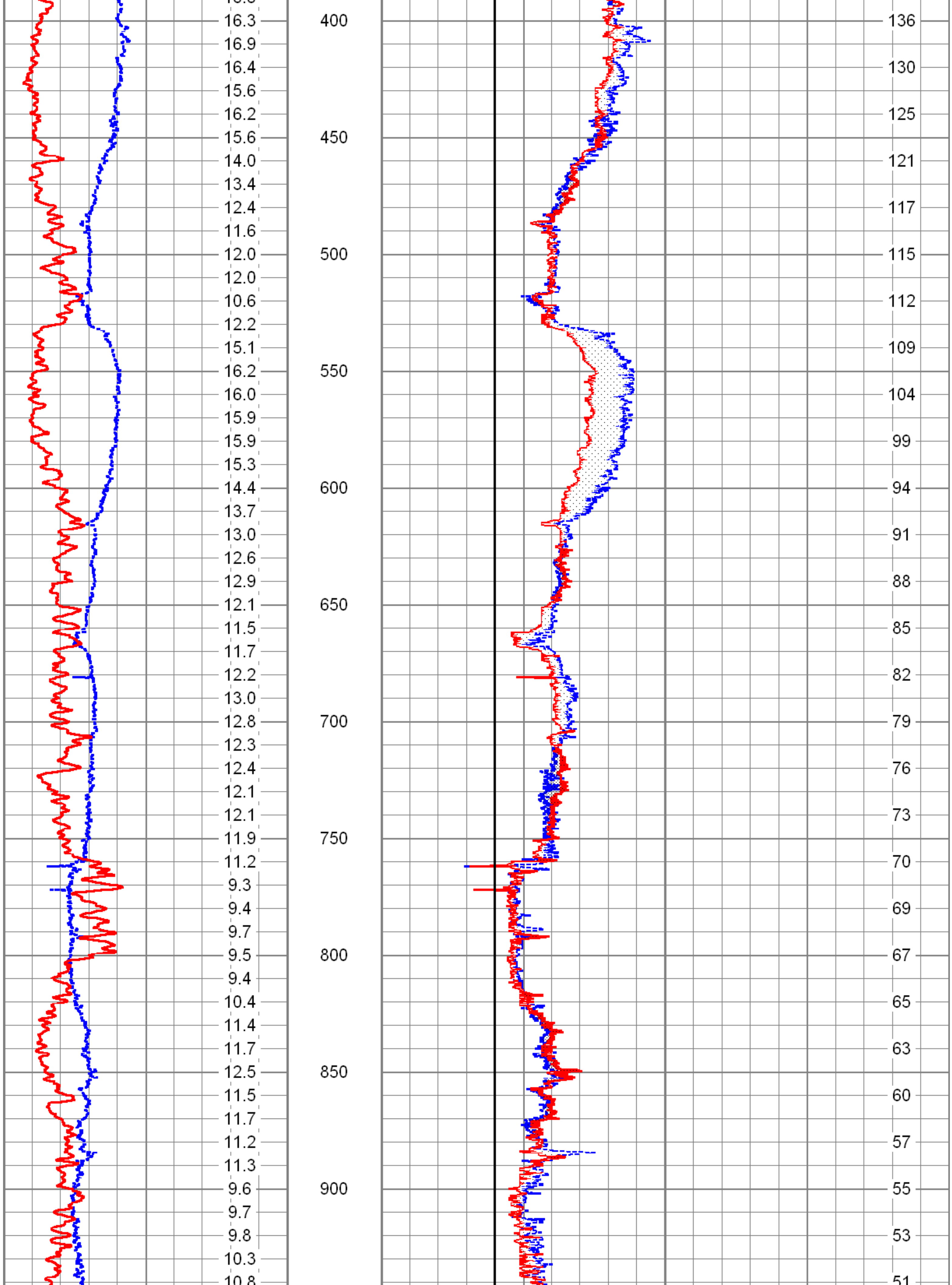
0 Caliper Average (in) 40 | 0 Y-Caliper (in) 40

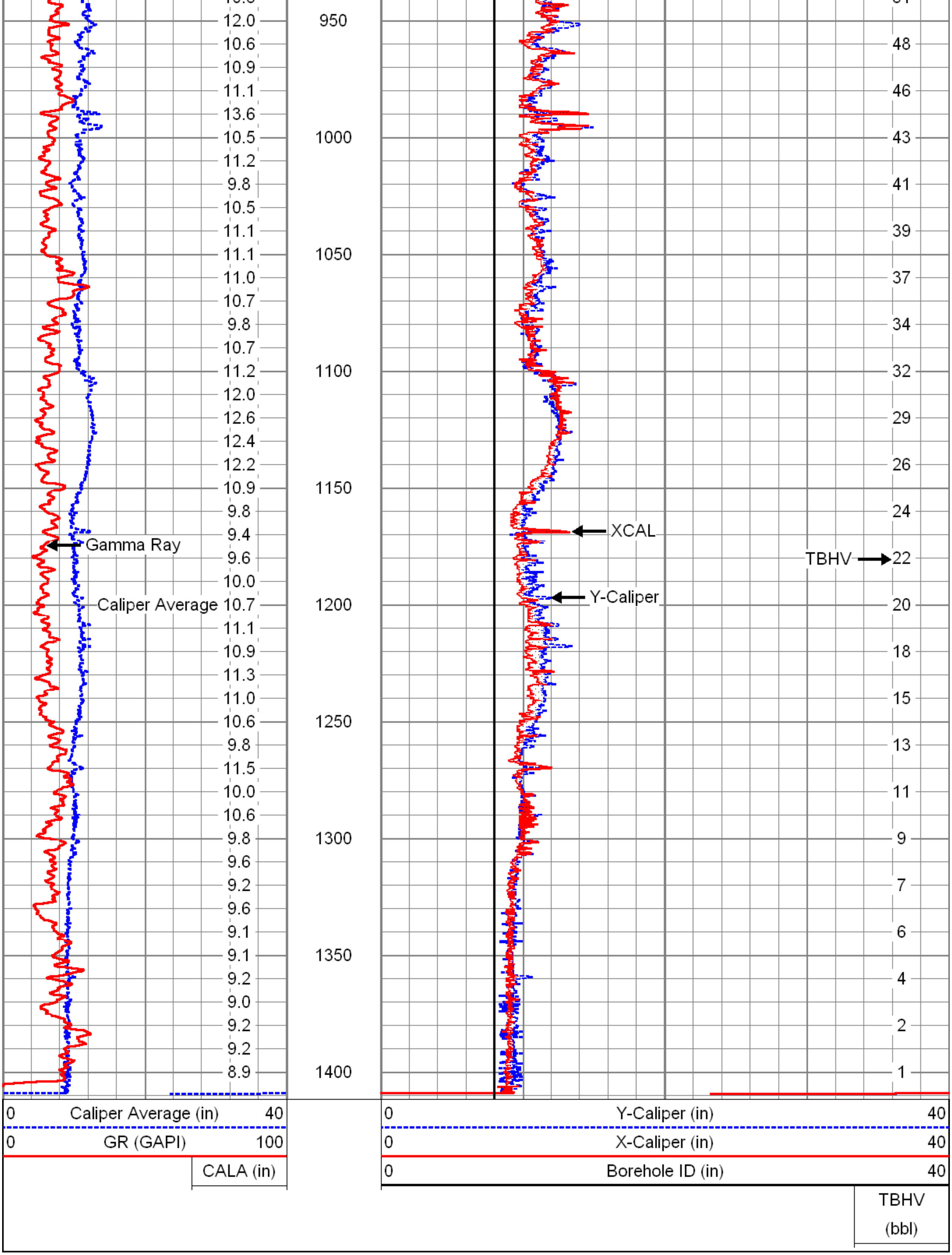
0 GR (GAPI) 100 | 0 X-Caliper (in) 40

CALA (in) | 0 Borehole ID (in) 40

TBHV (bbl)




16.3
16.9
16.4
15.6
16.2
15.6
14.0
13.4
12.4
11.6
12.0
12.0
10.6
12.2
15.1
16.2
16.0
15.9
15.9
15.3
14.4
13.7
13.0
12.6
12.9
12.1
11.5
11.7
12.2
13.0
12.8
12.3
12.4
12.1
12.1
11.9
11.2
9.3
9.4
9.7
9.5
9.4
10.4
11.4
11.7
12.5
11.5
11.7
11.2
11.3
9.6
9.7
9.8
10.3
10.8
400
450
500
550
600
650
700
750
800
850
900
136
130
125
121
117
115
112
109
104
99
94
91
88
85
82
79
76
73
70
69
67
65
63
60
57
55
53
51



950
1000
1050
1100
1150
1200
1250
1300
1350
1400
12.0
10.6
10.9
11.1
13.6
10.5
11.2
9.8
10.5
11.1
11.1
11.0
10.7
9.8
10.7
11.2
12.0
12.6
12.4
12.2
10.9
9.8
9.4
9.6
10.0
10.7
11.1
10.9
11.3
11.0
10.6
9.8
11.5
10.0
10.6
9.8
9.6
9.2
9.6
9.1
9.1
9.2
9.0
9.2
9.2
8.9
Gamma Ray
Caliper Average
XCAL
Y-Caliper
TBHV
48
46
43
41
39
37
34
32
29
26
24
22
20
18
15
13
11
9
7
6
4
2
1
0 Caliper Average (in) 40
0 GR (GAPI) 100
CALA (in)
0 Y-Caliper (in) 40
0 X-Caliper (in) 40
0 Borehole ID (in) 40
TBHV
(bbl)

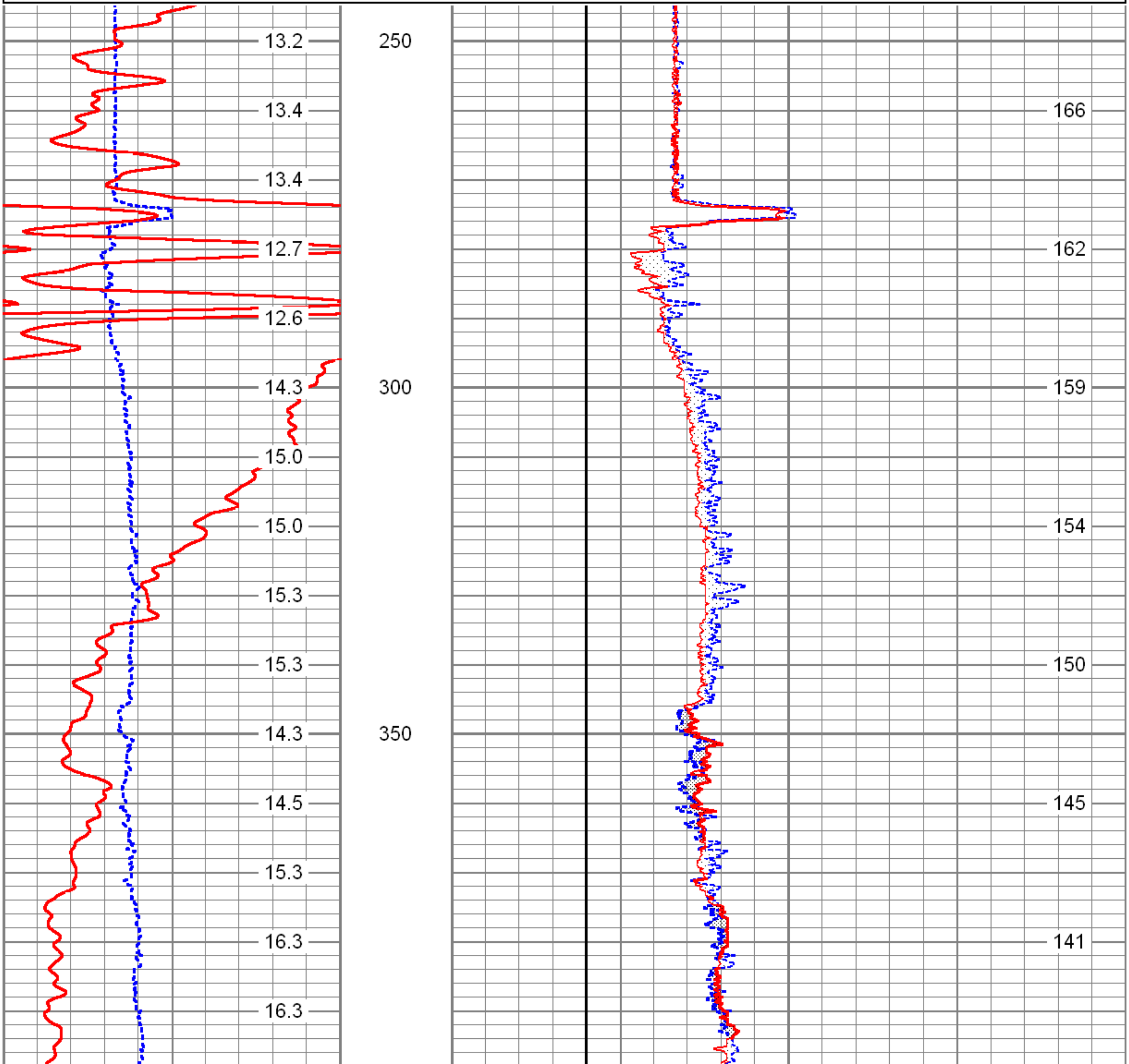
MAIN PASS

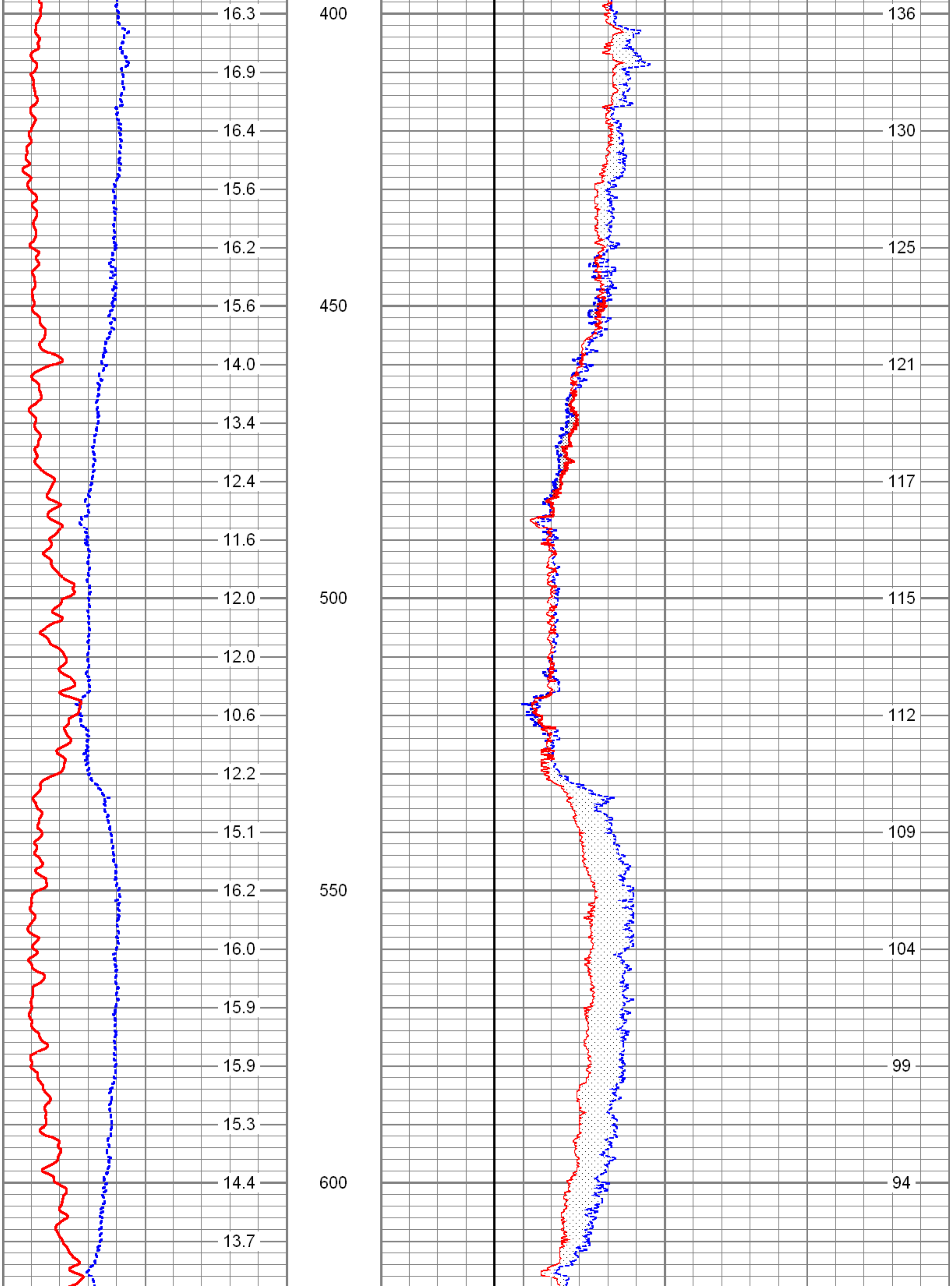
ALLWEBBS ENTERPRISES, INC.

Database File:	kisspof27.db
Dataset Pathname:	run3/XYCMPFIN
Presentation Format:	xyc
Dataset Creation:	Wed Jun 08 13:50:38 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

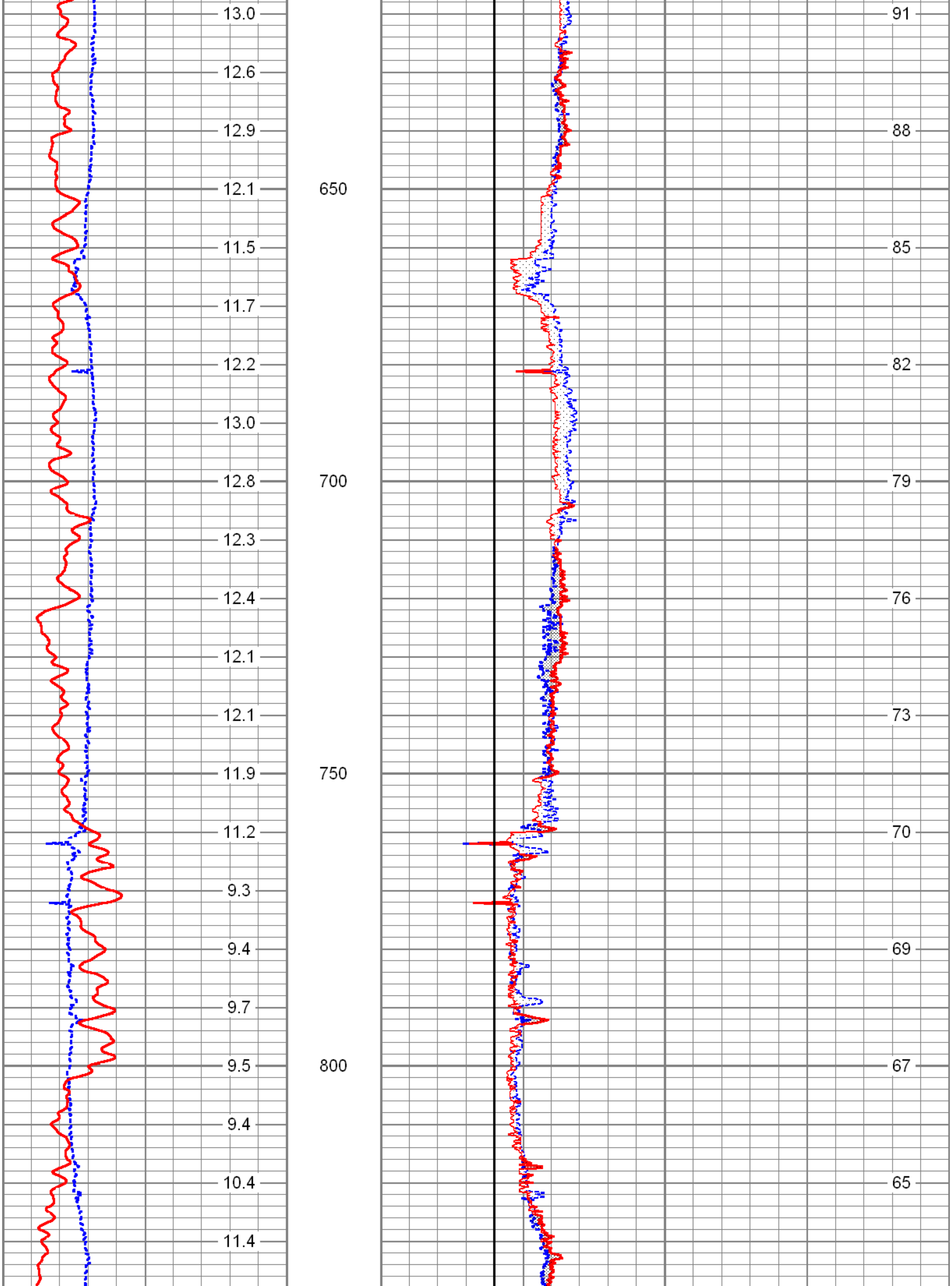
0 Caliper Average (in) 40
0 GR (GAPI) 100
CALA (in)

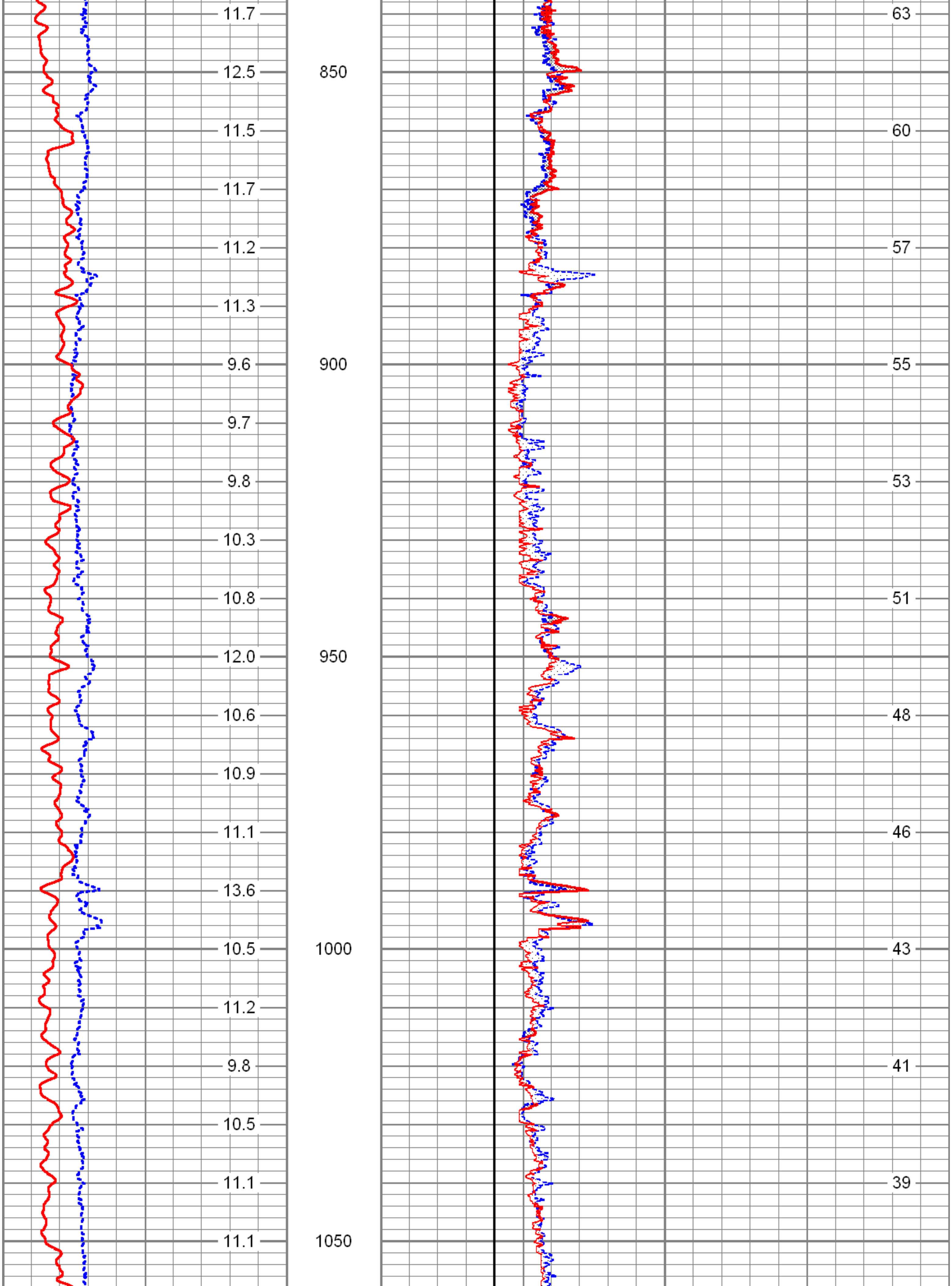
0 Y-Caliper (in) 40
0 X-Caliper (in) 40
0 Borehole ID (in) 40
TBHV (bbl)

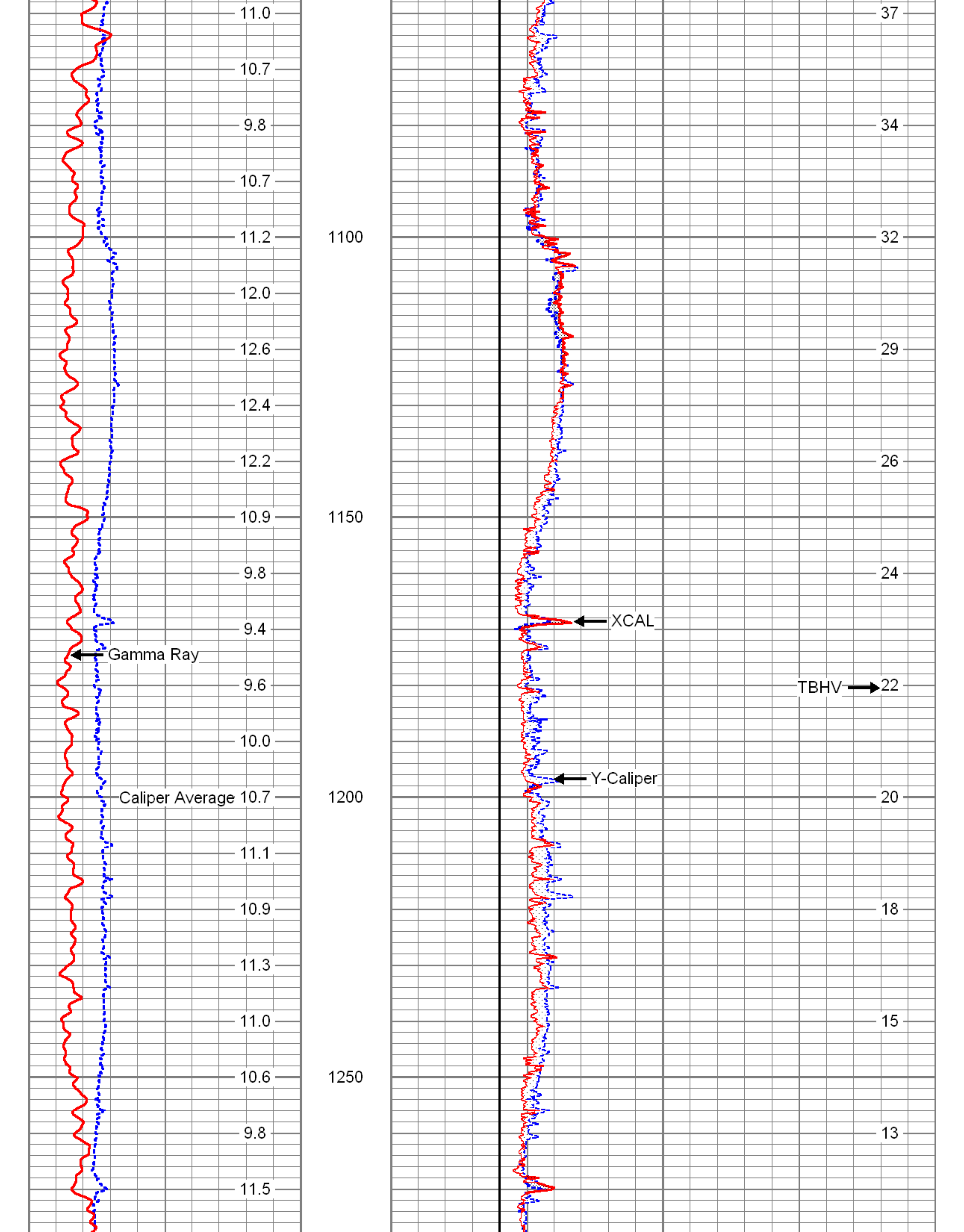




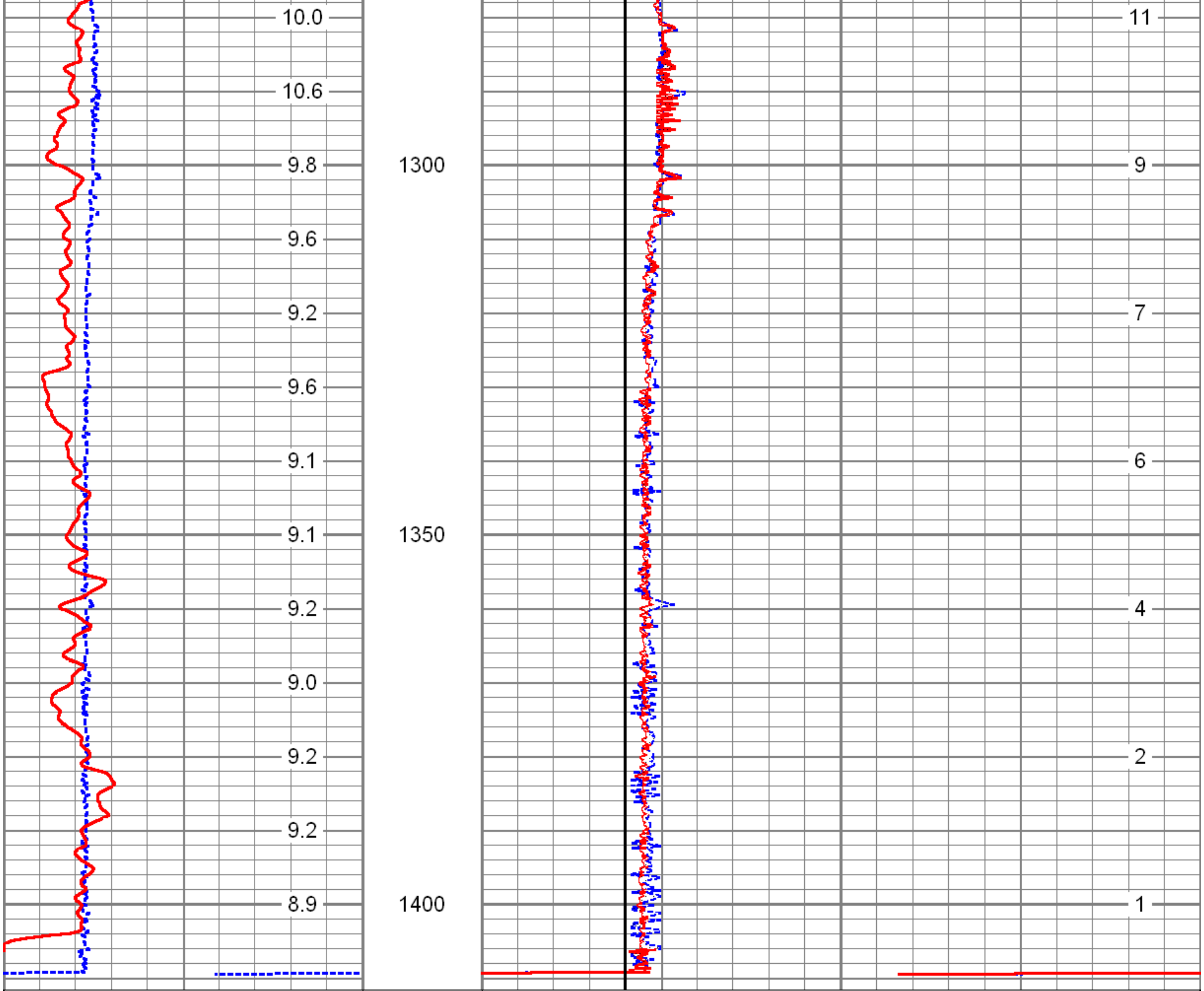
16.3
400
136
16.9
16.4
130
15.6
16.2
125
15.6
450
14.0
121
13.4
12.4
117
11.6
12.0
500
115
12.0
10.6
112
12.2
15.1
109
16.2
550
16.0
104
15.9
15.9
99
15.3
14.4
600
94
13.7


13.0
12.6
12.9
12.1
650
11.5
11.7
12.2
13.0
12.8
700
12.3
12.4
12.1
12.1
11.9
750
11.2
9.3
9.4
9.7
9.5
800
9.4
10.4
11.4
91
88
85
82
79
76
73
70
69
67
65


11.7
63
12.5
850
11.5
60
11.7
11.2
57
11.3
9.6
900
55
9.7
9.8
53
10.3
10.8
51
12.0
950
10.6
48
10.9
11.1
46
13.6
10.5
1000
43
11.2
9.8
41
10.5
11.1
39
11.1
1050



11.0
10.7
9.8
10.7
11.2
12.0
12.6
12.4
12.2
10.9
9.8
9.4
Gamma Ray
9.6
10.0
Caliper Average 10.7
11.1
10.9
11.3
11.0
10.6
9.8
11.5
1100
1150
1200
1250
XCAL
Y-Caliper
TBHV
37
34
32
29
26
24
22
20
18
15
13

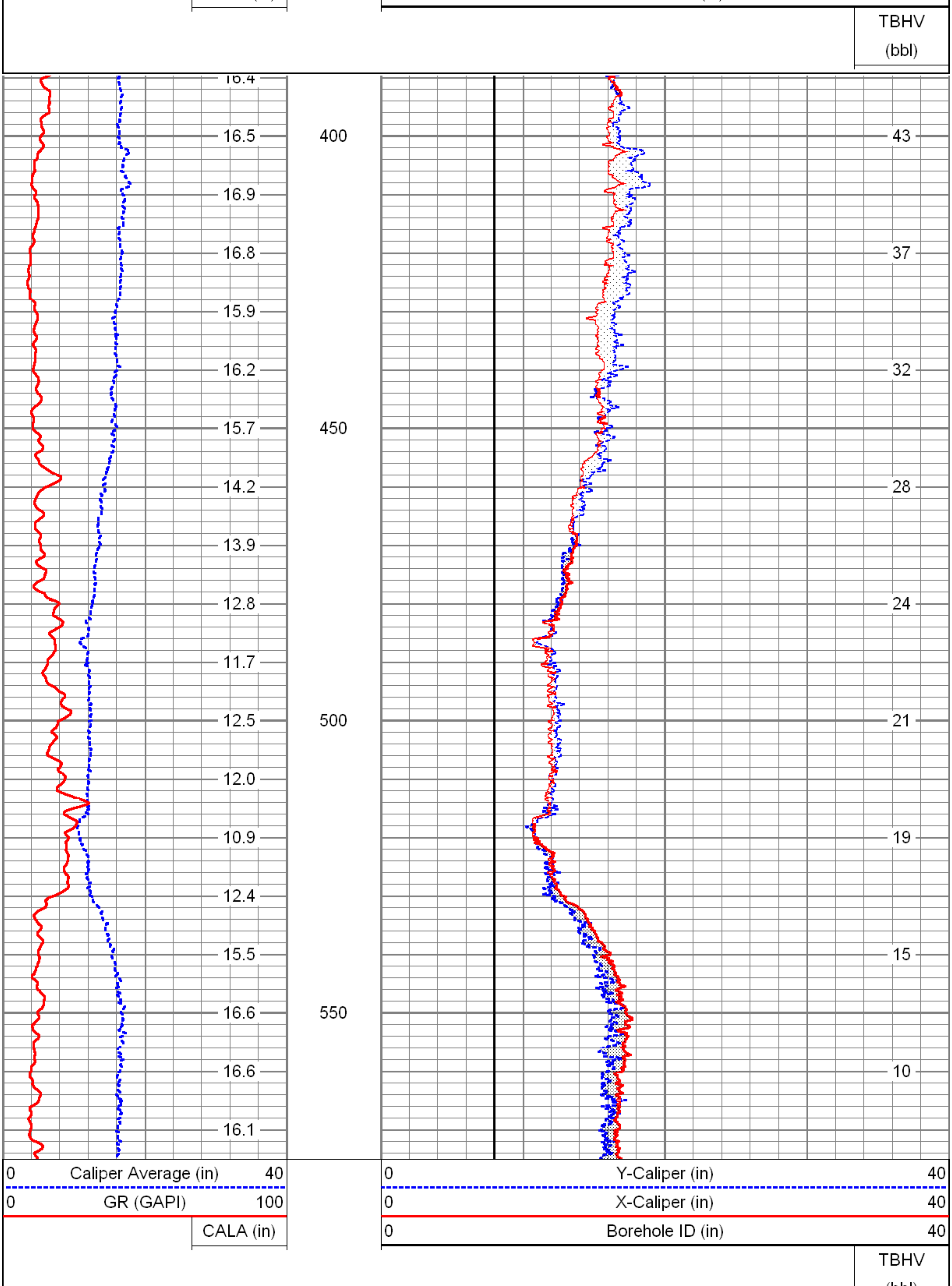


0	Caliper Average (in)	40	0	Y-Caliper (in)	40
0	GR (GAPI)	100	0	X-Caliper (in)	40
	CALA (in)		0	Borehole ID (in)	40
				TBHV (bbl)	

REPEAT PASS

Database File: kisspof27.db
Dataset Pathname: run3/XYCRP.1
Presentation Format: xyc
Dataset Creation: Wed Jun 08 11:15:44 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	Caliper Average (in)	40	0	Y-Caliper (in)	40
0	GR (GAPI)	100	0	X-Caliper (in)	40
	CALA (in)		0	Borehole ID (in)	40


TBHV
(bbl)
16.4
16.5
400
43
16.9
16.8
37
15.9
16.2
32
15.7
450
14.2
28
13.9
12.8
24
11.7
12.5
500
21
12.0
10.9
19
12.4
15.5
15
16.6
550
16.6
10
16.1
0 Caliper Average (in) 40
0 GR (GAPI) 100
CALA (in)
0 Y-Caliper (in) 40
0 X-Caliper (in) 40
0 Borehole ID (in) 40
TBHV

(bbl)

Calibration Report

Database File: kisspof27.db
Dataset Pathname: run3/XYCMPFIN
Dataset Creation: Wed Jun 08 13:50:38 2011 by Calc Open-Cased 071220

XY Caliper Calibration Report

Serial Number/Model: SDSDEMO-XY
Performed: Tue Jun 07 15:16:04 2011

Ring			X Caliper		Y Caliper	
1:	6	in	346.739	cps	325.87	cps
2:	7.75	in	373.261	cps	351.63	cps
3:	11.75	in	425.761	cps	404.13	cps
4:	13.25	in	450.1	cps	433.7	cps
5:	20	in	556.865	cps	533.514	cps
6:	30	in	732.065	cps	714.13	cps

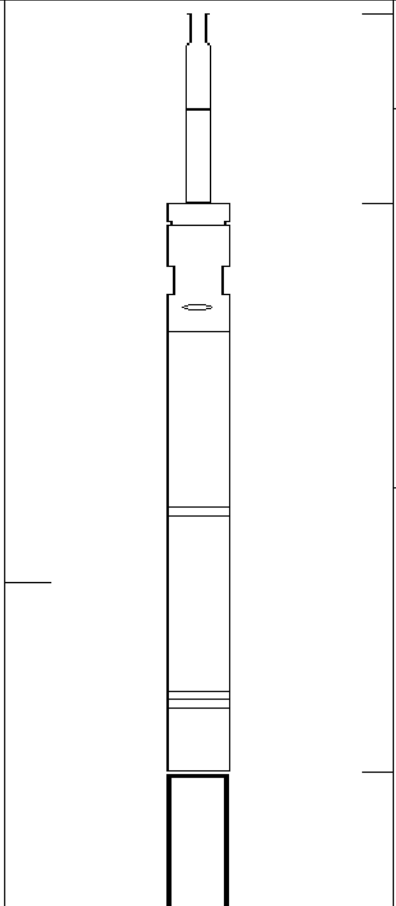
Gamma Ray Calibration Report

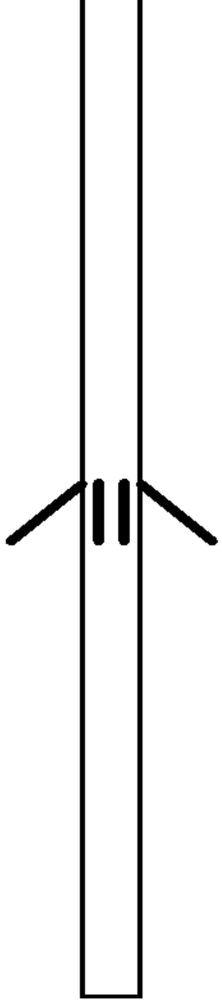
Serial Number: SDS
Tool Model: SDSGR
Performed: Tue Jun 07 15:18:21 2011

Calibrator Value: 120.0 GAPI

Background Reading: 117.8 cps
Calibrator Reading: 585.1 cps

Sensitivity: 0.2568 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			GR-SDSGR (SDS) GR for Testing	3.00	1.69	20.00
GR	7.00					

XCAL YCAL	2.00 2.00		XYC-XY (SDSDEMO) PROBE_XYC	6.00	3.50	100.00

Dataset: kisspof27.db: field/well/run3/XYCMPFIN
Total Length: 10.00 ft
Total Weight: 125.00 lb
O.D. 3.50 in

BOREHOLE COMPENSATED SONIC/VDL LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE
COMMENTS

Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	21-JUL-2011		
Run Number	ONE		
Depth Driller	355'		
Depth Logger	355'		
Bottom Logged Interval	355'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record

Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	CASING	350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

Comments

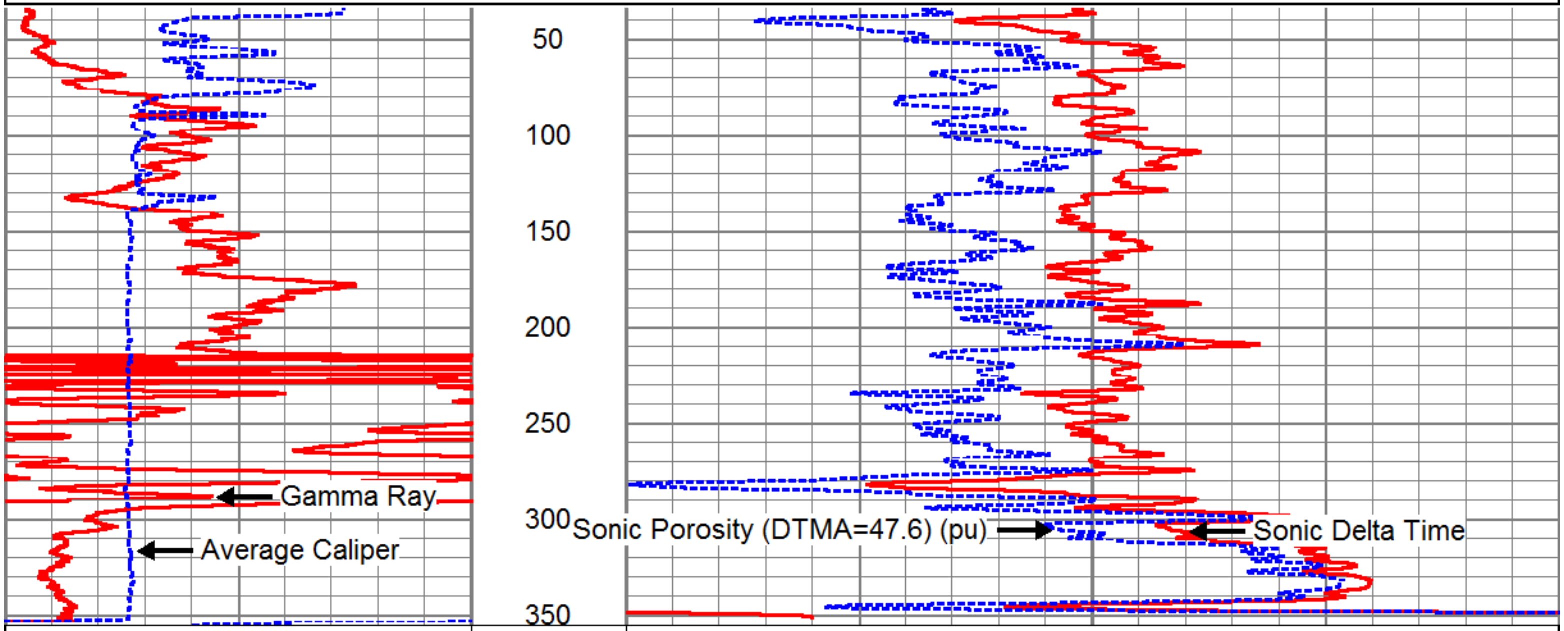
XYC/GR
DIL/LATERAL/SP

ALLWEBBS

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: BHCMP2
Presentation Format: bhc_por
Dataset Creation: Thu Aug 11 18:25:12 2011
Charted by: Depth in Feet scaled 1:1200

0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0



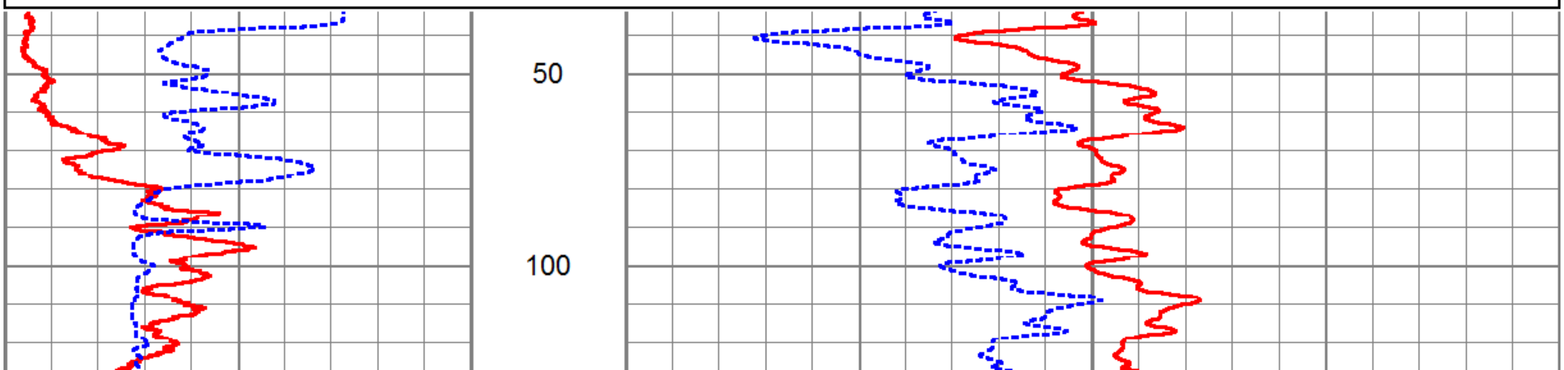
0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

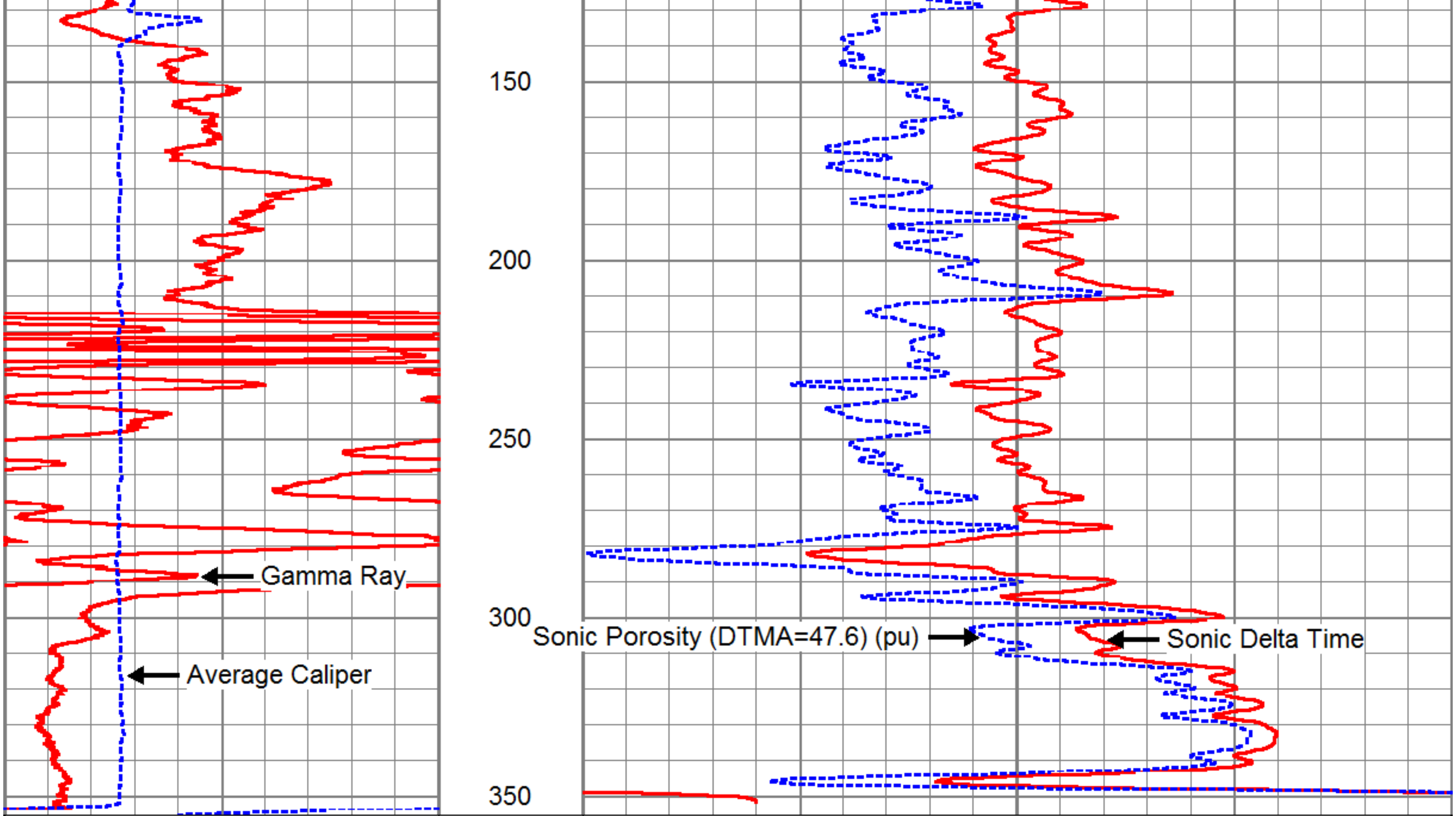
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: BHCMP2
Presentation Format: bhc_por
Dataset Creation: Thu Aug 11 18:25:12 2011
Charted by: Depth in Feet scaled 1:600

0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0





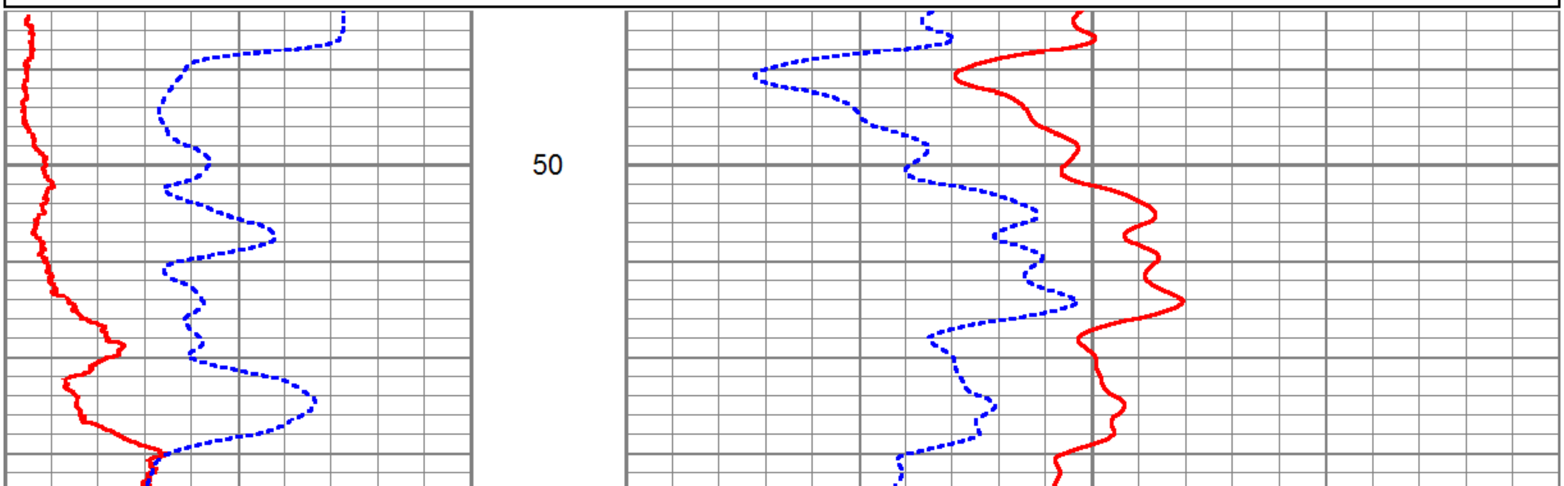
0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

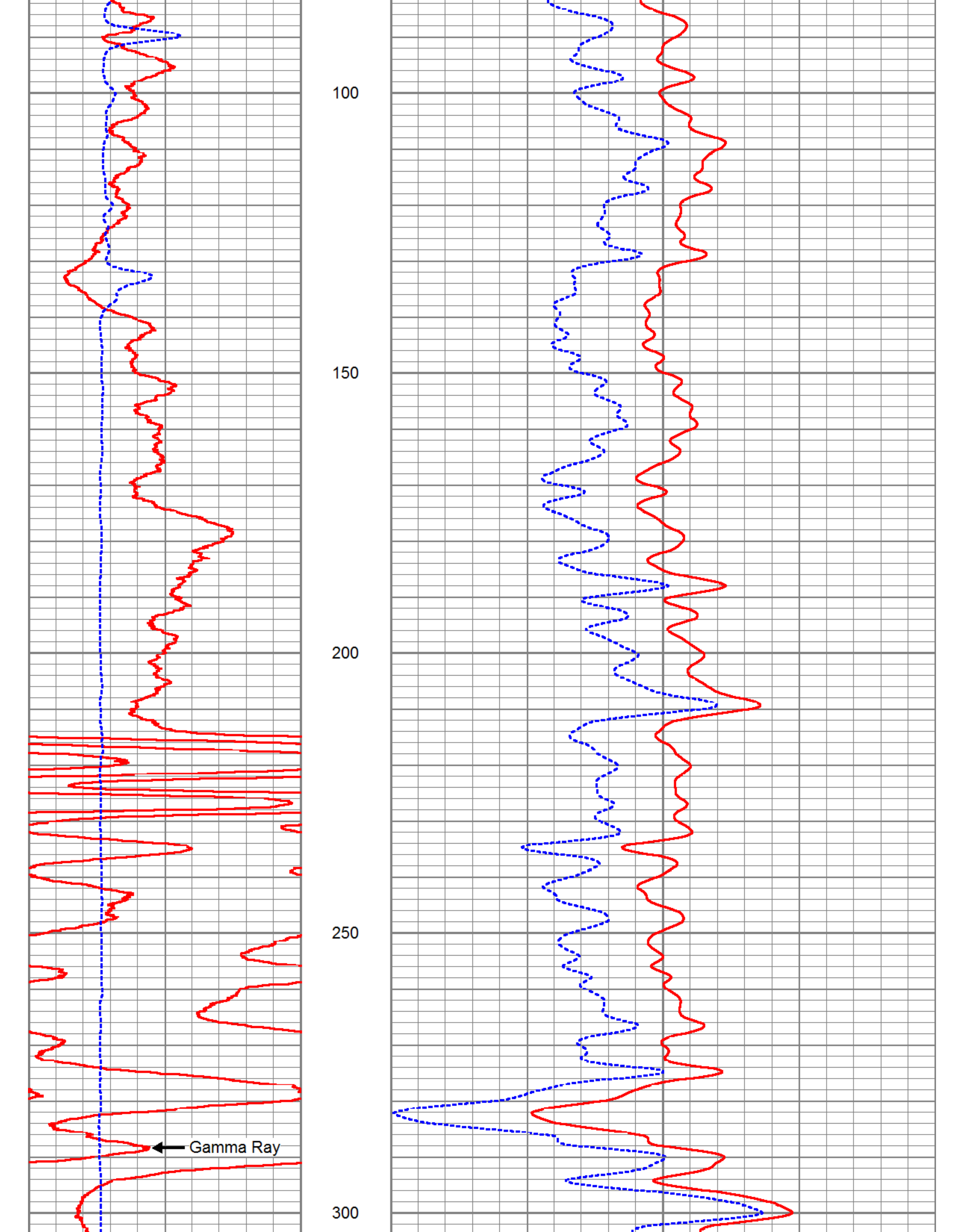
ALLWEBBS ENTERPRISES, INC.

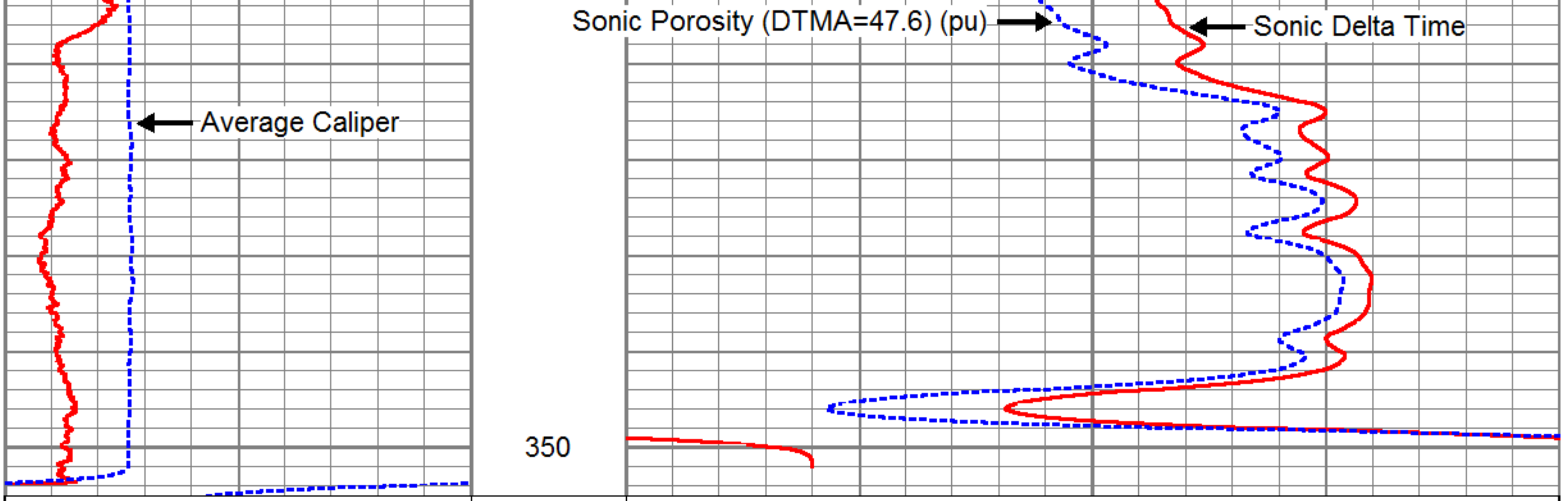
MAIN PASS

Database File: kisspof28.db
Dataset Pathname: BHCMP2
Presentation Format: bhc_por
Dataset Creation: Thu Aug 11 18:25:12 2011
Charted by: Depth in Feet scaled 1:240

0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0




100
150
200
250
300
Gamma Ray



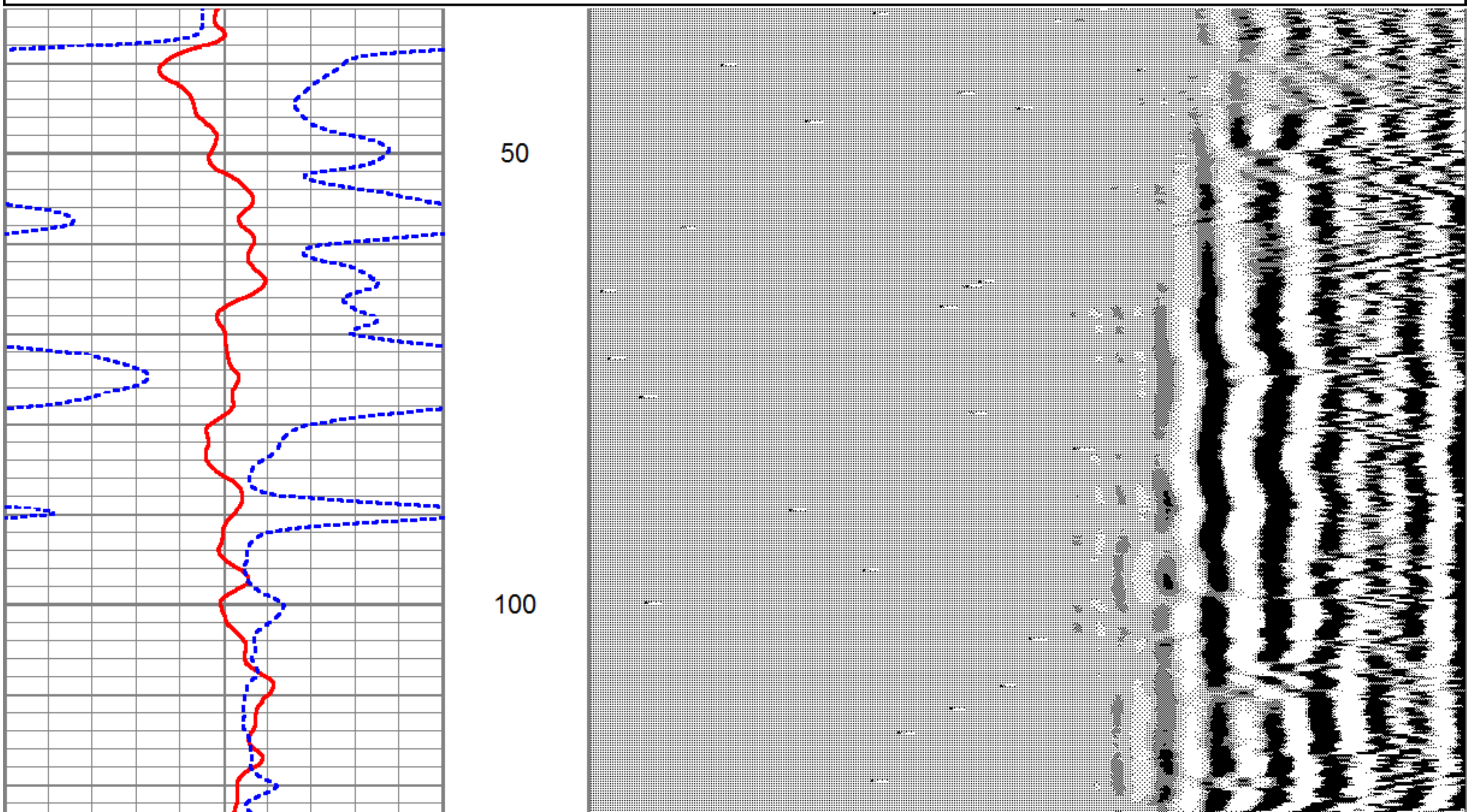
0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

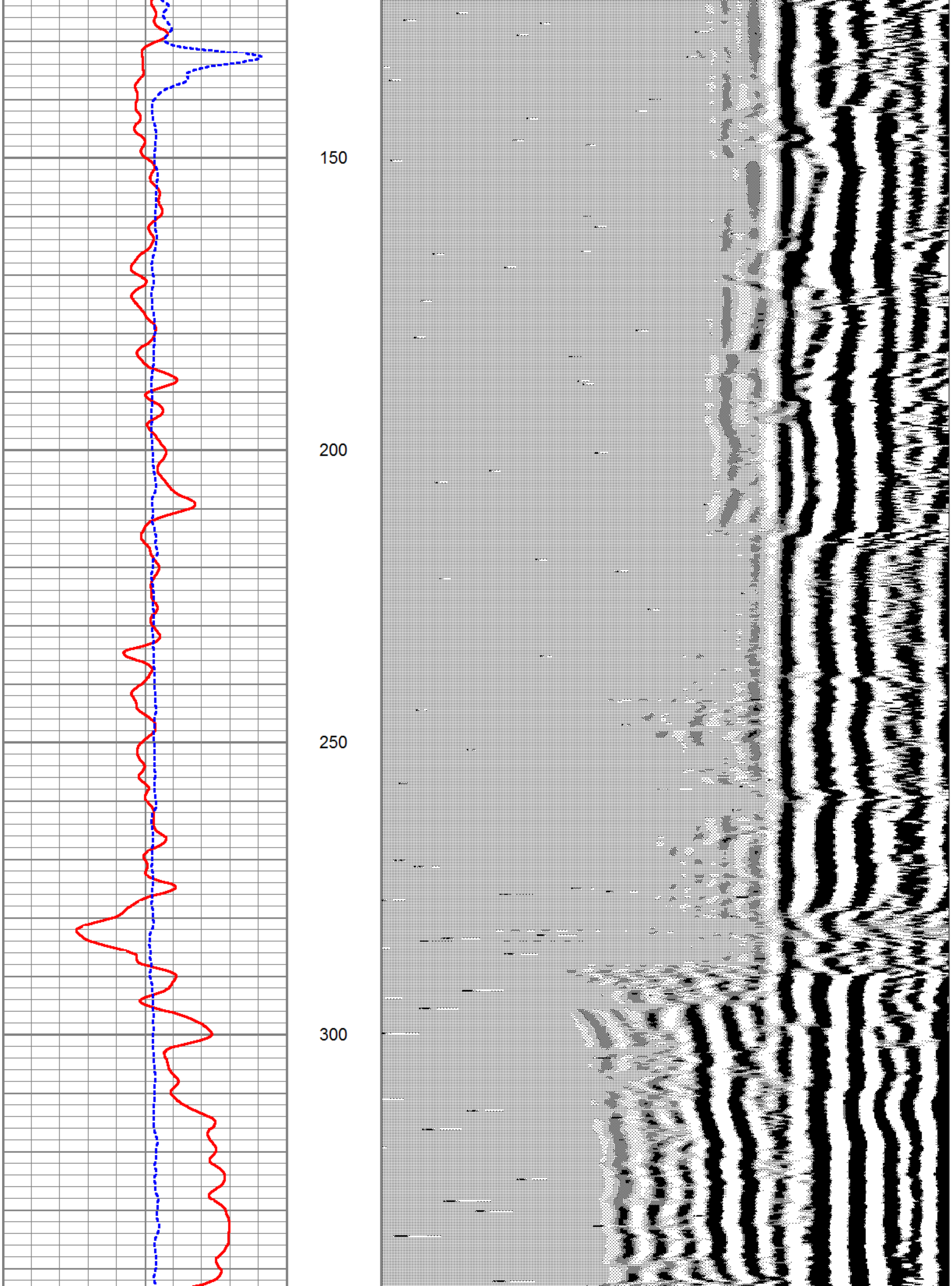
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: BHCMP2
Presentation Format: bhc
Dataset Creation: Thu Aug 11 18:25:12 2011
Charted by: Depth in Feet scaled 1:240

240	Sonic Delta Time (usec/ft)	40	400	WVF4	1400
0	Caliper Average (in) (in)	20			




150
200
250
300

240 Sonic Delta Time (usec/ft) 40

0 Caliper Average (in) (in) 20

400 WVF4 1400

ALLWEBBS ENTERPRISES, INC.

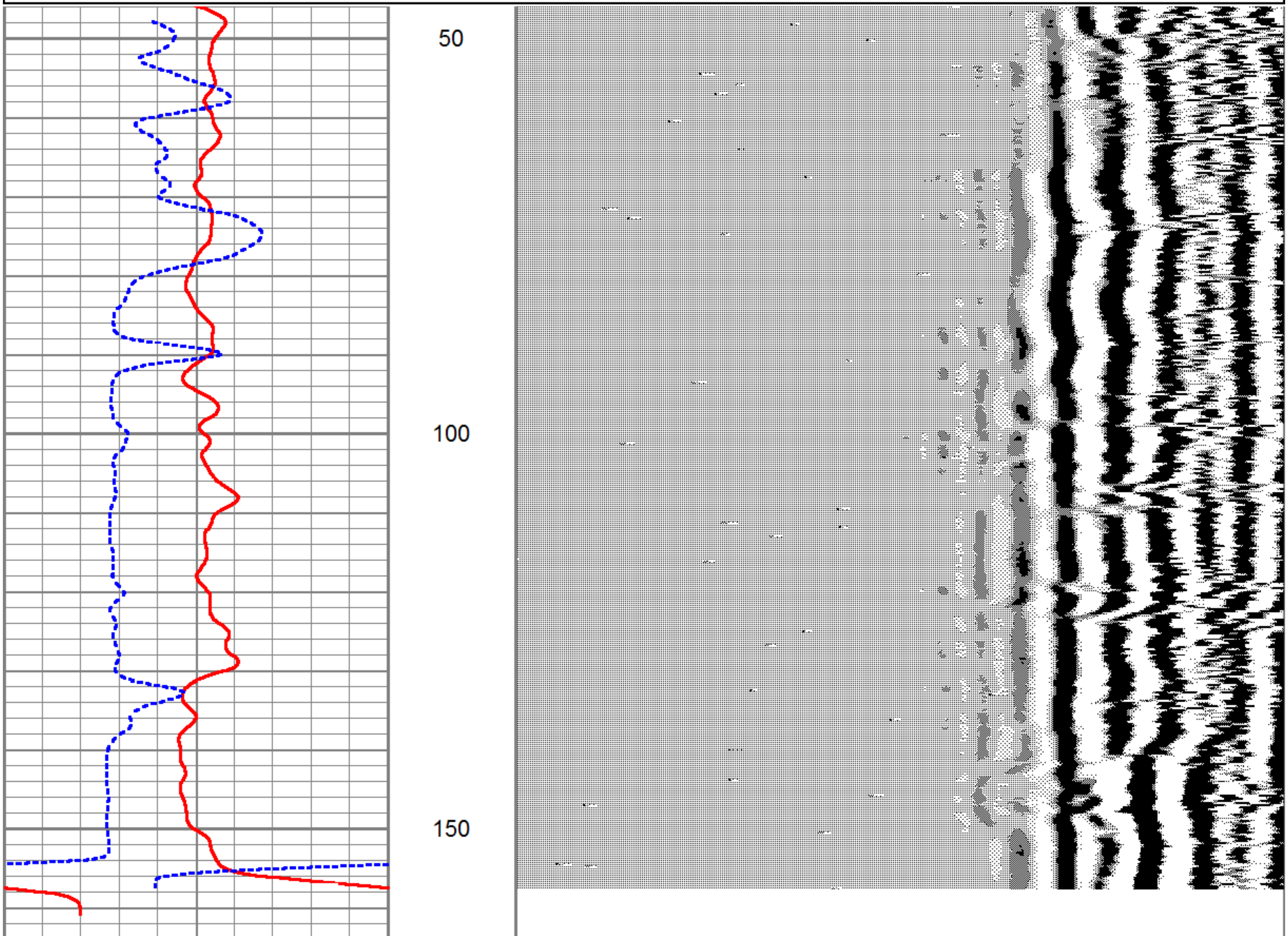
REPEAT PASS

Database File:	kisspof28.db
Dataset Pathname:	BHCRP
Presentation Format:	bhc
Dataset Creation:	Thu Aug 11 18:25:11 2011
Charted by:	Depth in Feet scaled 1:240

240 Sonic Delta Time (usec/ft) 40

0 Caliper Average (in) (in) 40

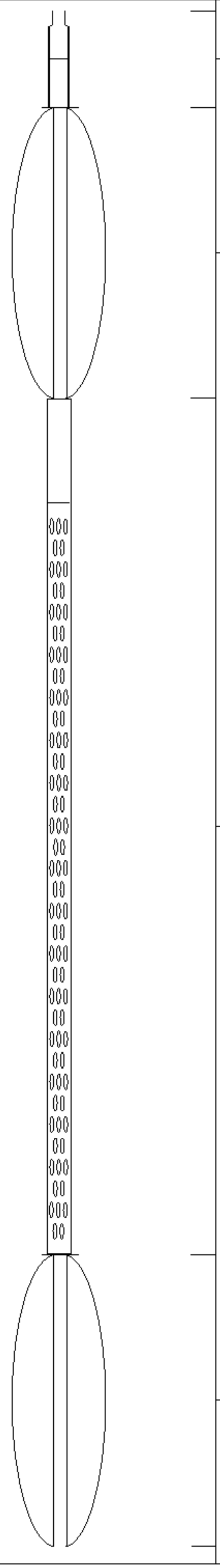
400 WVF4 1400



240 Sonic Delta Time (usec/ft) 40

0 Caliper Average (in) (in) 40

400 WVF4 1400

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CBLINLINE	3.00	1.50	10.00
WVF1 WVF2 WVF3 WVF4	7.25 7.25 6.25 6.25		SLT2Probe-Probe275(Probe) (1)	8.83	2.75	100.00
			CBLINLINE	3.00	1.50	10.00

Dataset: kisspof28.db: field/well/run1/BHCRP

Total Length:	15.83 ft
Total Weight:	125.00 lb
O.D.	2.75 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

DUAL INDUCTION LATERAL SP LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK State FLORIDA
Location:	API # :
	SEC TWP RGE
Other Services	SEE COMMENTS
Permanent Datum	PAD Elevation
Log Measured From	PAD
Drilling Measured From	PAD
Elevation	K.B. D.F. G.L.

Date	21-JUL-2011		
Run Number	ONE		
Depth Driller	355'		
Depth Logger	355'		
Bottom Logged Interval	355'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	CASING	350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

Comments

XYC/GR
BHC SONIC/VDL

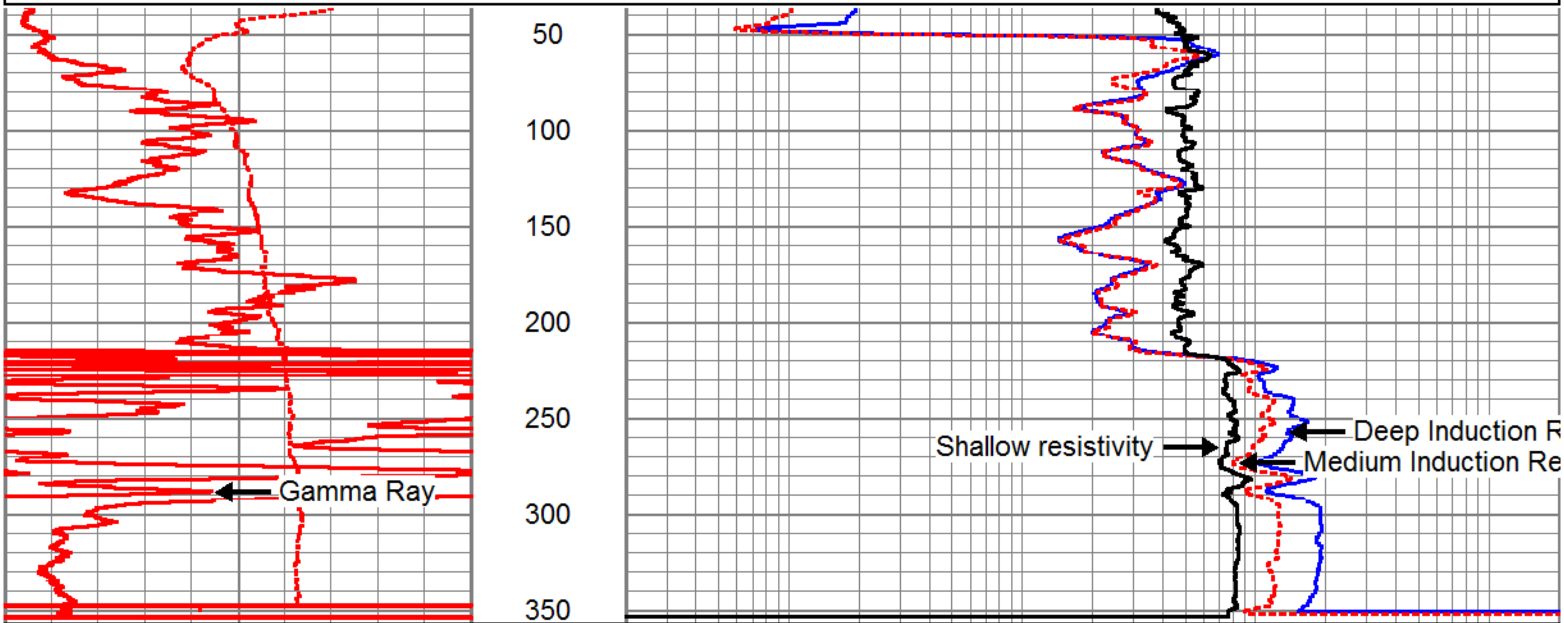
MAIN PASS

ENTERPRISES, INC.

Database File: kisspof28.db
Dataset Pathname: RGDILMP
Presentation Format: dil
Dataset Creation: Thu Aug 11 18:25:22 2011
Charted by: Depth in Feet scaled 1:1200

0 Gamma Ray 200
50 Spontaneous Potential 100

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow resistivity 2000



0 Gamma Ray 200
50 Spontaneous Potential 100

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow resistivity 2000

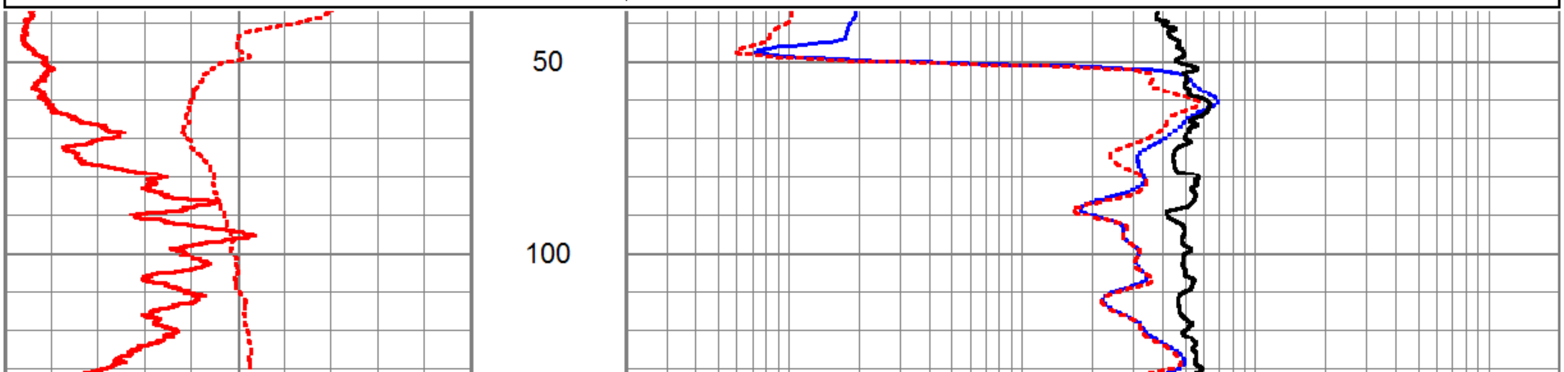
ALLWEBBS ENTERPRISES, INC.

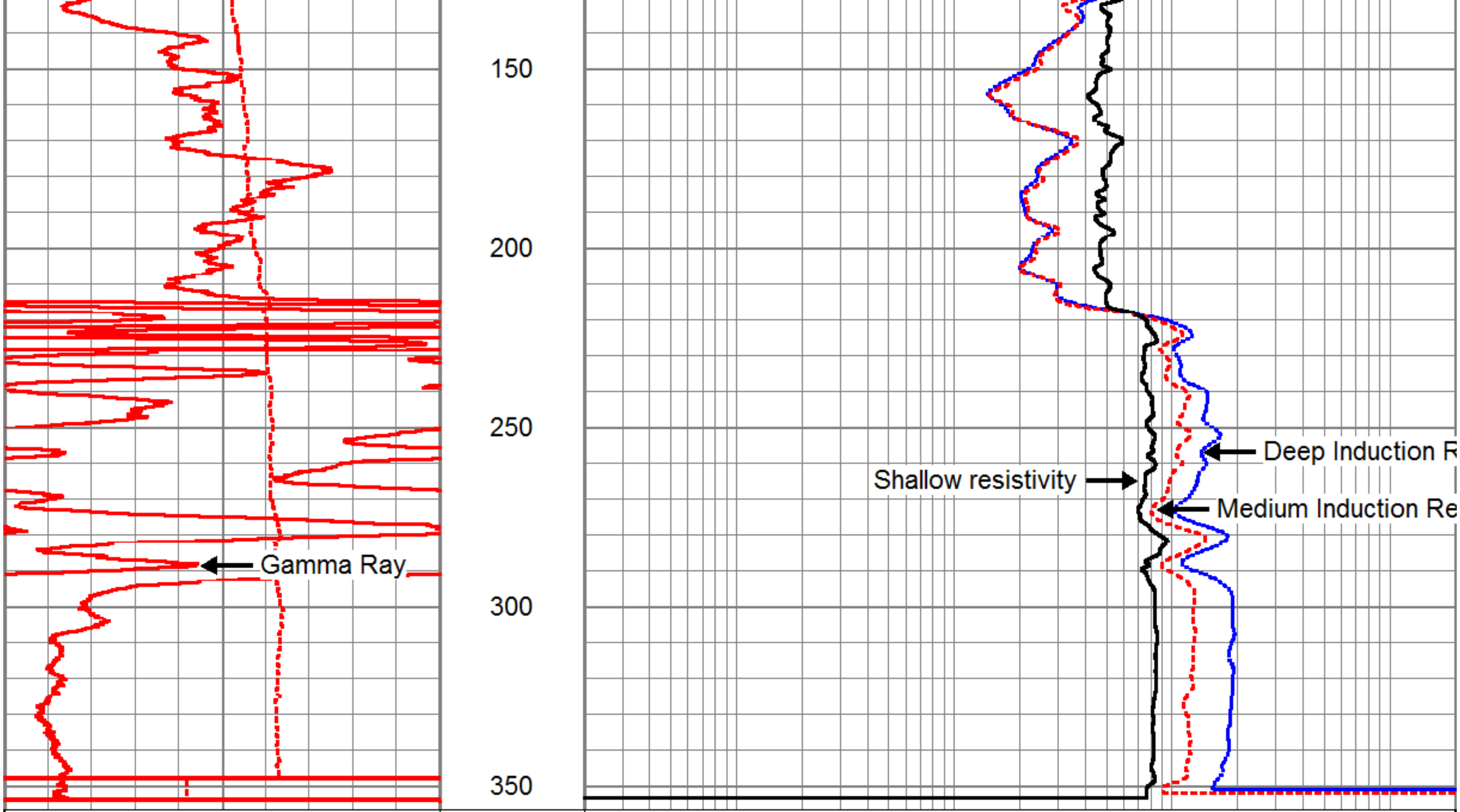
MAIN PASS

Database File: kisspof28.db
Dataset Pathname: RGDILMP
Presentation Format: dil
Dataset Creation: Thu Aug 11 18:25:22 2011
Charted by: Depth in Feet scaled 1:600

0 Gamma Ray 200
50 Spontaneous Potential 100

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow resistivity 2000





0	Gamma Ray	200
50	Spontaneous Potential	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow resistivity	2000

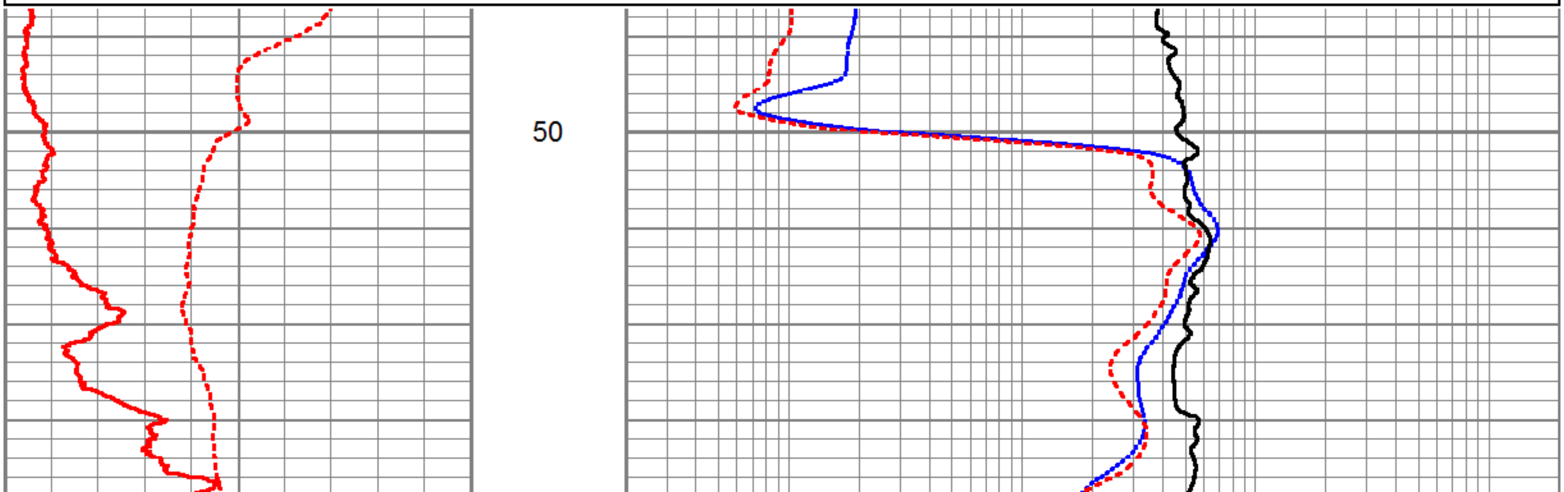
ALLWEBBS ENTERPRISES, INC.

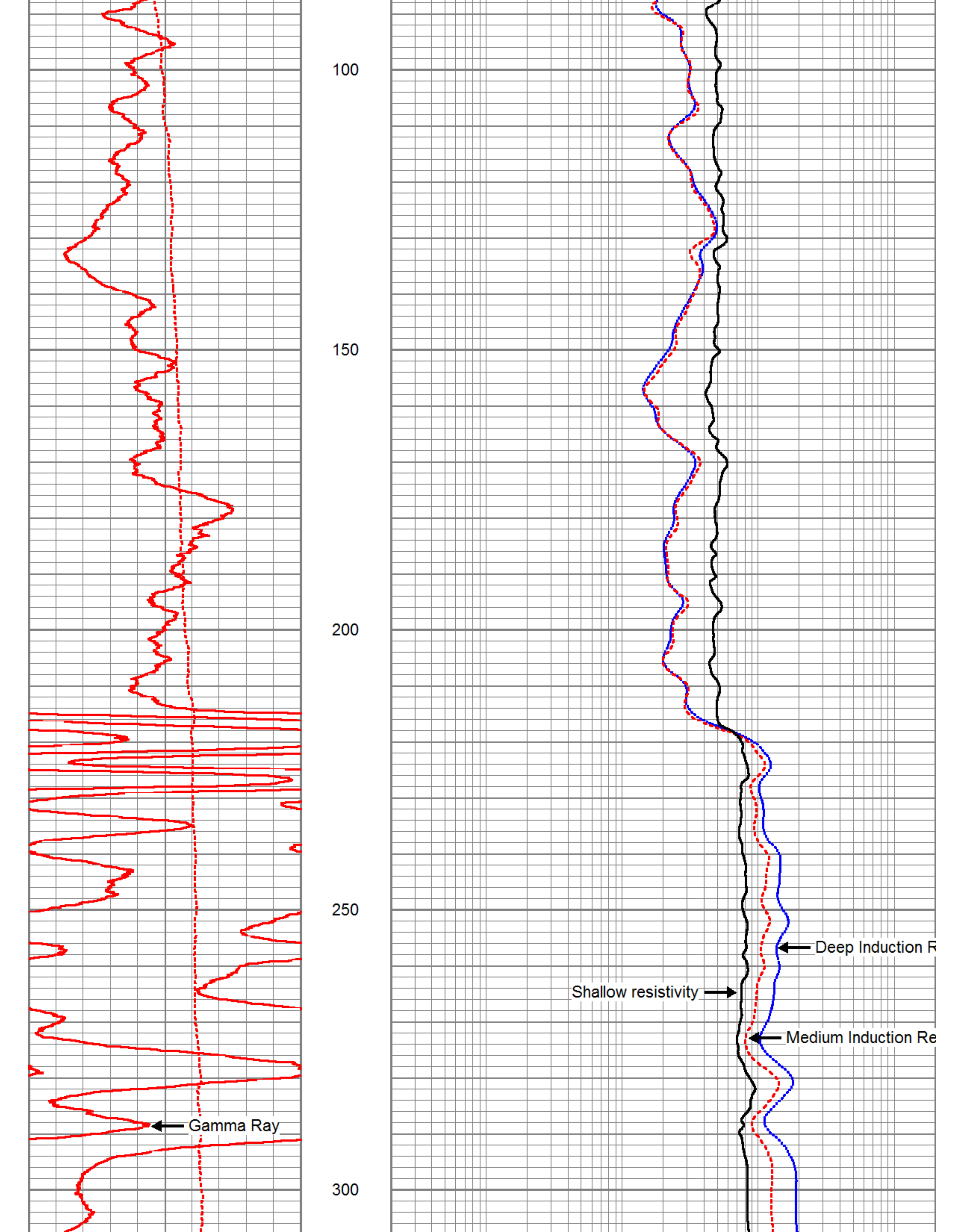
MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	RGDILMP
Presentation Format:	dil
Dataset Creation:	Thu Aug 11 18:25:22 2011
Charted by:	Depth in Feet scaled 1:240

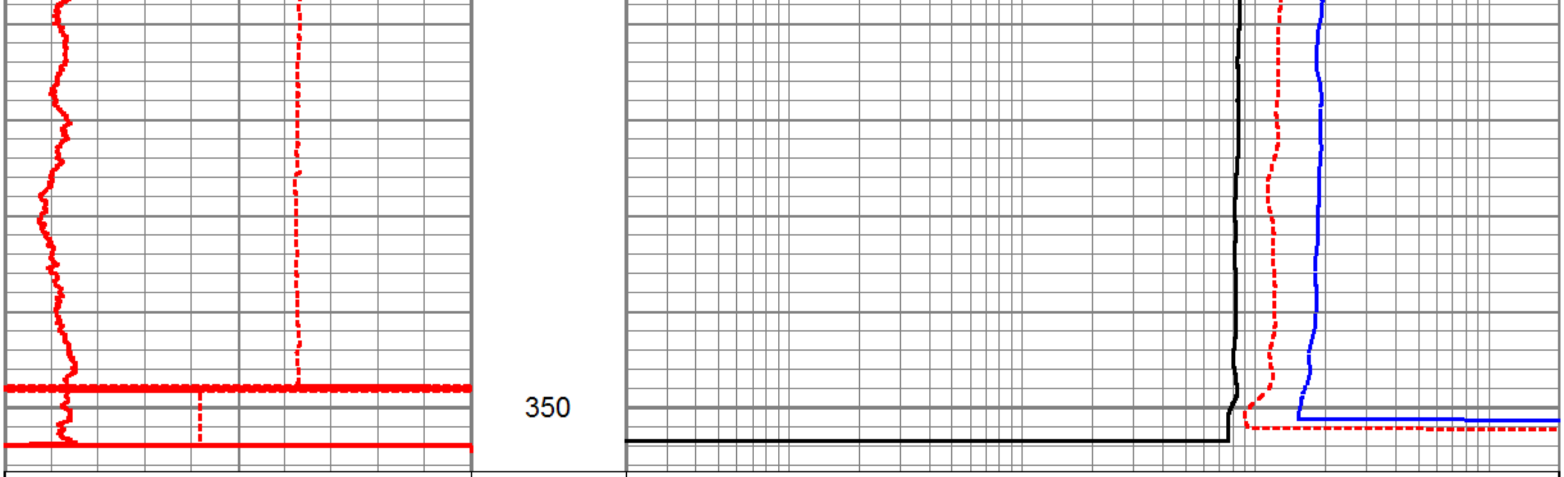
0	Gamma Ray	200
50	Spontaneous Potential	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow resistivity	2000





100
150
200
250
300
Gamma Ray
Deep Induction R
Shallow resistivity
Medium Induction Re



0	Gamma Ray	200
50	Spontaneous Potential	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow resistivity	2000

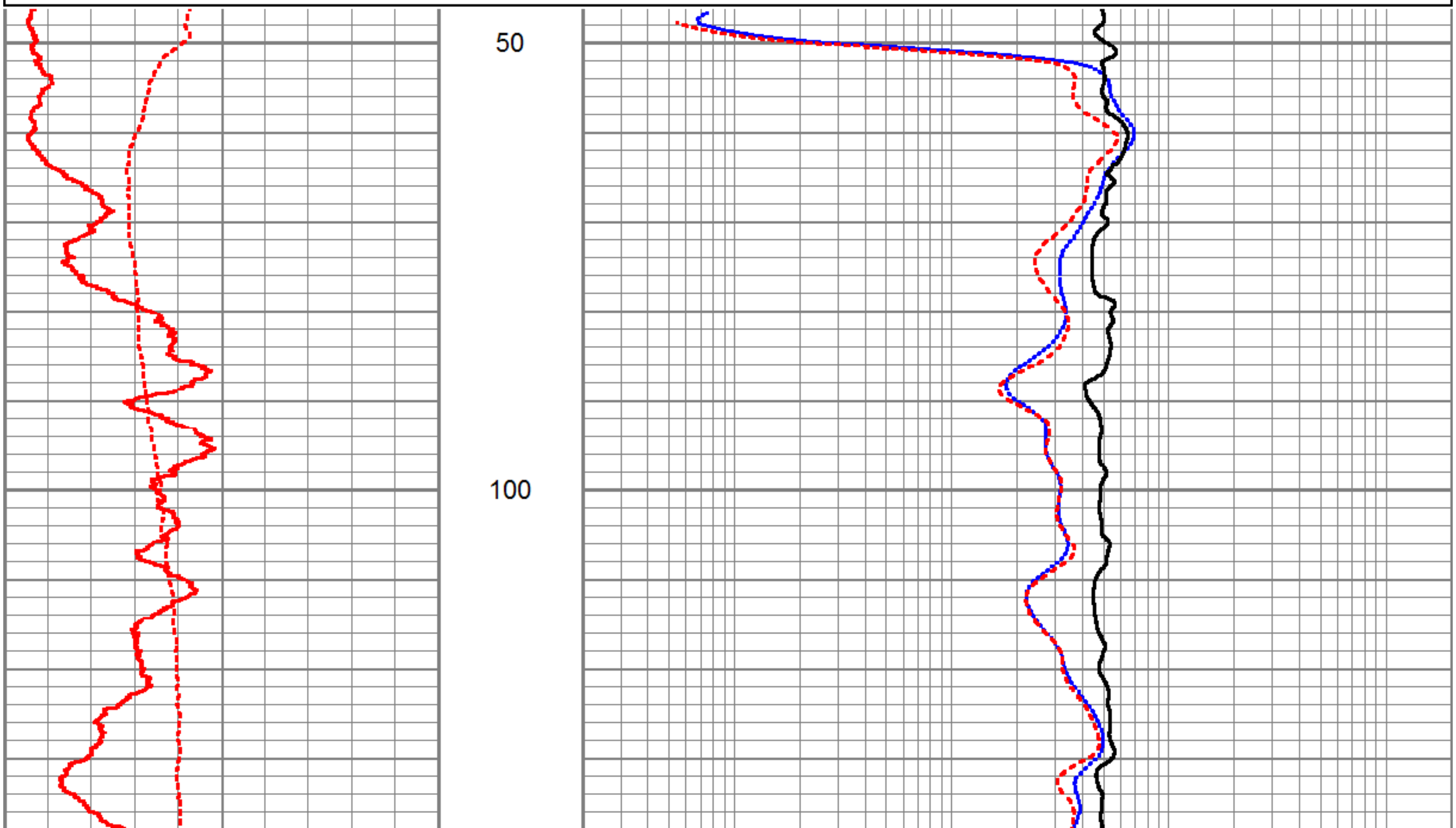
ALLWEBBS ENTERPRISES, INC.

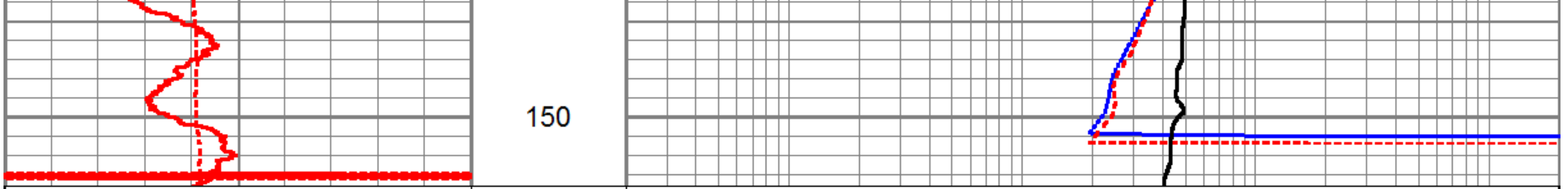
REPEAT PASS

Database File:	kisspof28.db
Dataset Pathname:	RGDILRP
Presentation Format:	dil
Dataset Creation:	Thu Aug 11 18:25:21 2011
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray	200
50	SP	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow resistivity	2000





0	Gamma Ray	200	0.2	Deep Resistivity (Ohm-m)	2000
50	SP	100	0.2	Medium Resistivity (Ohm-m)	2000
			0.2	Shallow resistivity	2000

Calibration Report

Database File: kisspof28.db
Dataset Pathname: RGDILMP
Dataset Creation: Thu Aug 11 18:25:22 2011

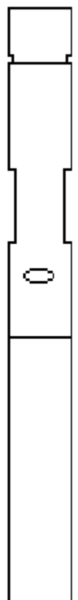
Gamma Ray Calibration Report

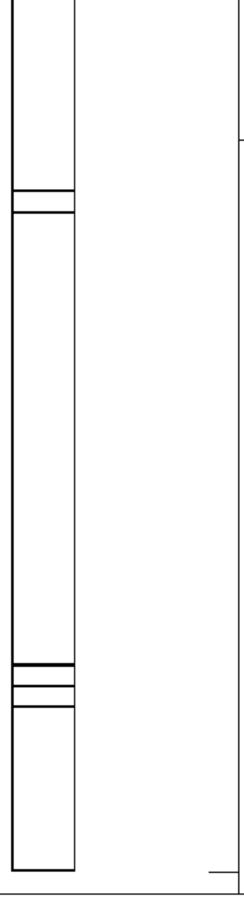
Serial Number:	5562	
Tool Model:	6CHAN	
Performed:	Wed Jul 13 11:28:58 2011	
Calibrator Value:	120.0	GAPI
Background Reading:	11.0	
Calibrator Reading:	67.1	
Sensitivity:	2.1390	GAPI/

Dual Induction Calibration Report

Serial-Model: 5562-6CHAN
Surface Cal Performed:

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	32134.400	41811.700	0.000	1650.000	mmho-m	0.171	-5478.970
Medium	33023.100	50028.000	0.000	3300.000	mmho-m	0.194	-6408.530

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	6.50					

			RGDILGR-6CHAN (5562) Robertson Geologging Dual Induction Gamma Ray	7.06	1.50	13.67
CILD	2.63					
CILM	1.54					

Dataset:	kisspof28.db: field/well/run1/RGDILMP
Total Length:	7.06 ft
Total Weight:	13.67 lb
O.D.	1.50 in

ALLWEBBS ENTERPRISES, INC.

X-Y CALIPER GAMMA RAY LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

			Elevation
Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	21-JUL-2011		
Run Number	ONE		
Depth Driller	355'		
Depth Logger	355'		
Bottom Logged Interval	355'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record

Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	CASING	350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String				
Production String				
Liner				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

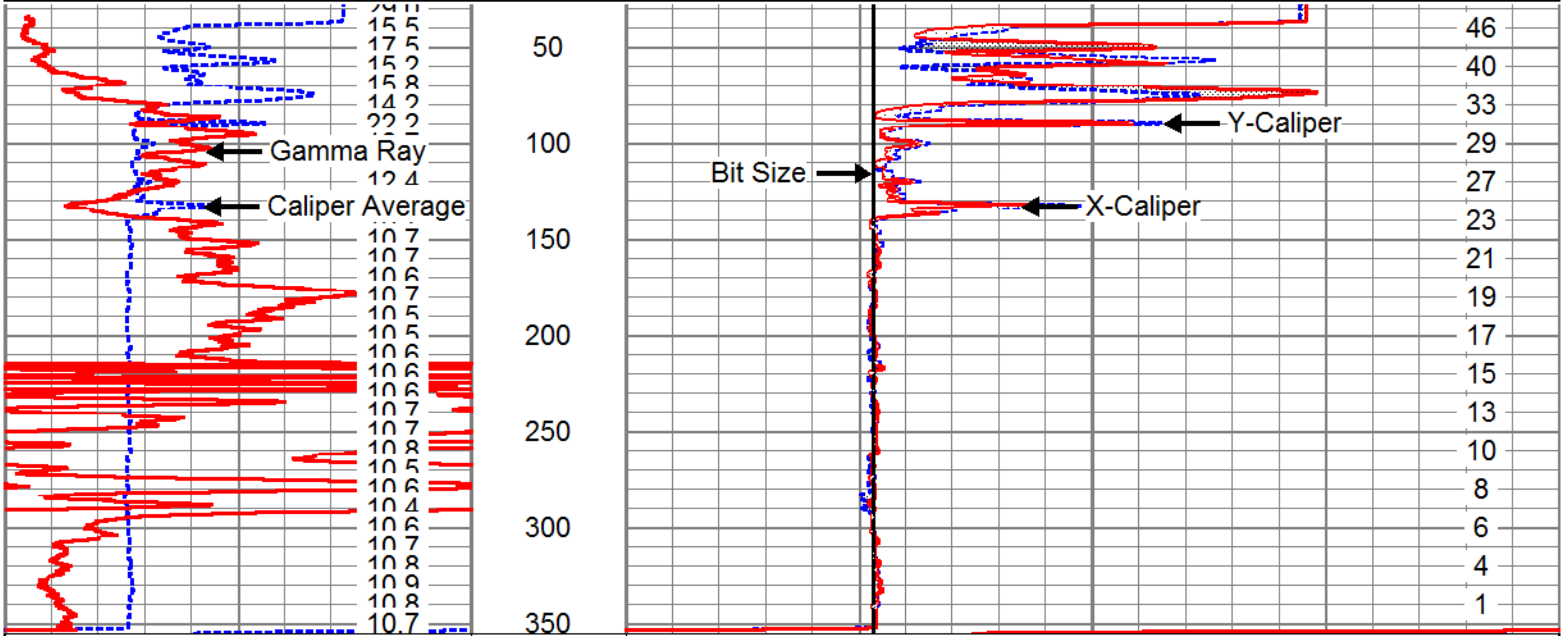
SP/GR/RES
DIL/LATERAL
BHC SONIC/VDL

ALLWEBBS

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: XYCMP1
Presentation Format: xyc
Dataset Creation: Thu Aug 11 18:25:23 2011
Charted by: Depth in Feet scaled 1:1200

0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 Gamma Ray 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (bbl)

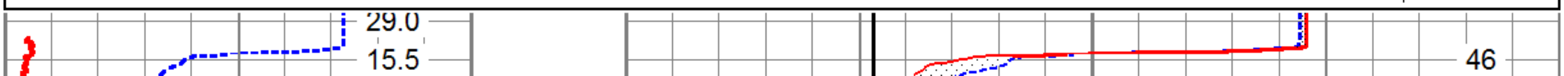


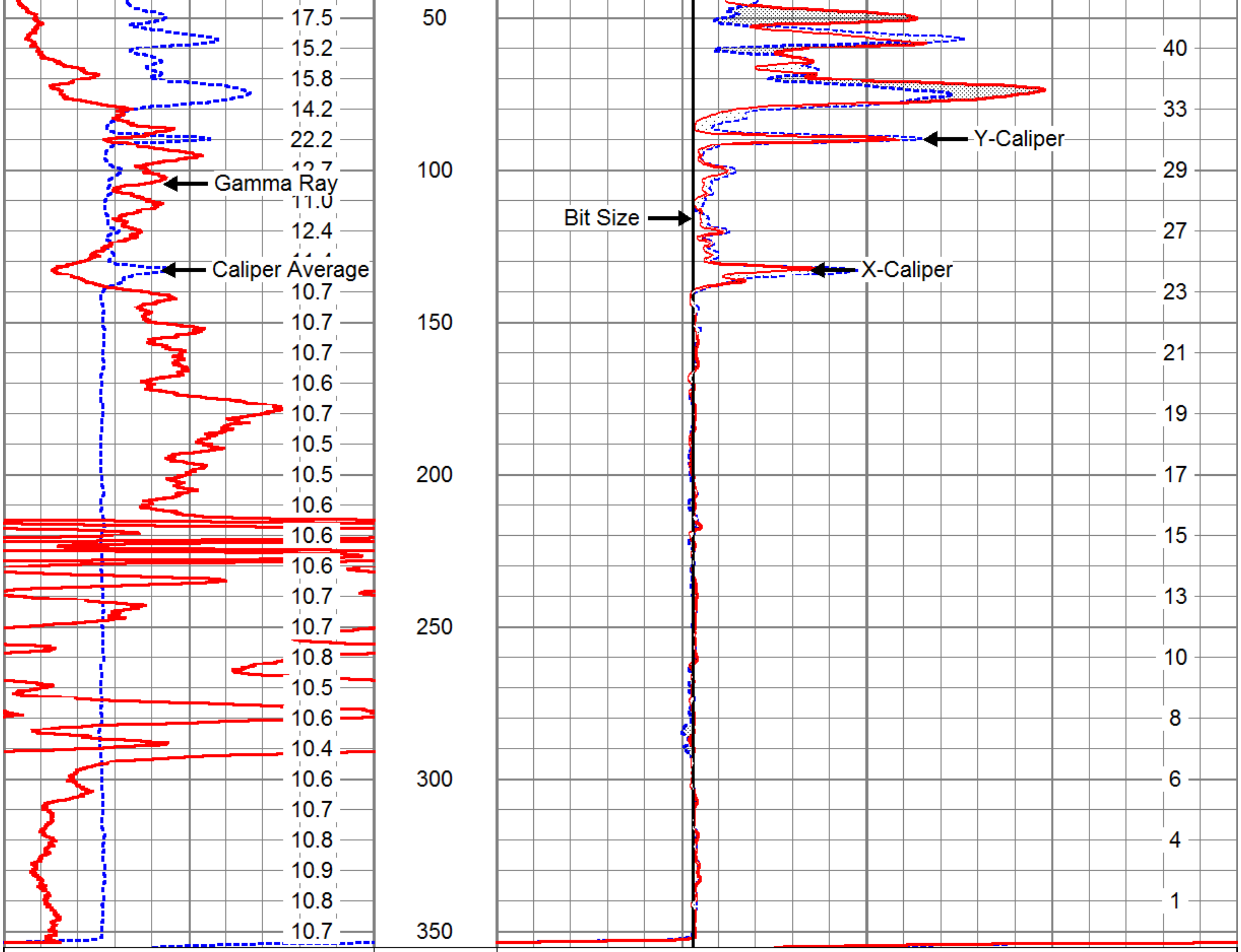
0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 Gamma Ray 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (bbl)

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: XYCMP1
Presentation Format: xyc
Dataset Creation: Thu Aug 11 18:25:23 2011
Charted by: Depth in Feet scaled 1:600

0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 Gamma Ray 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (bbl)





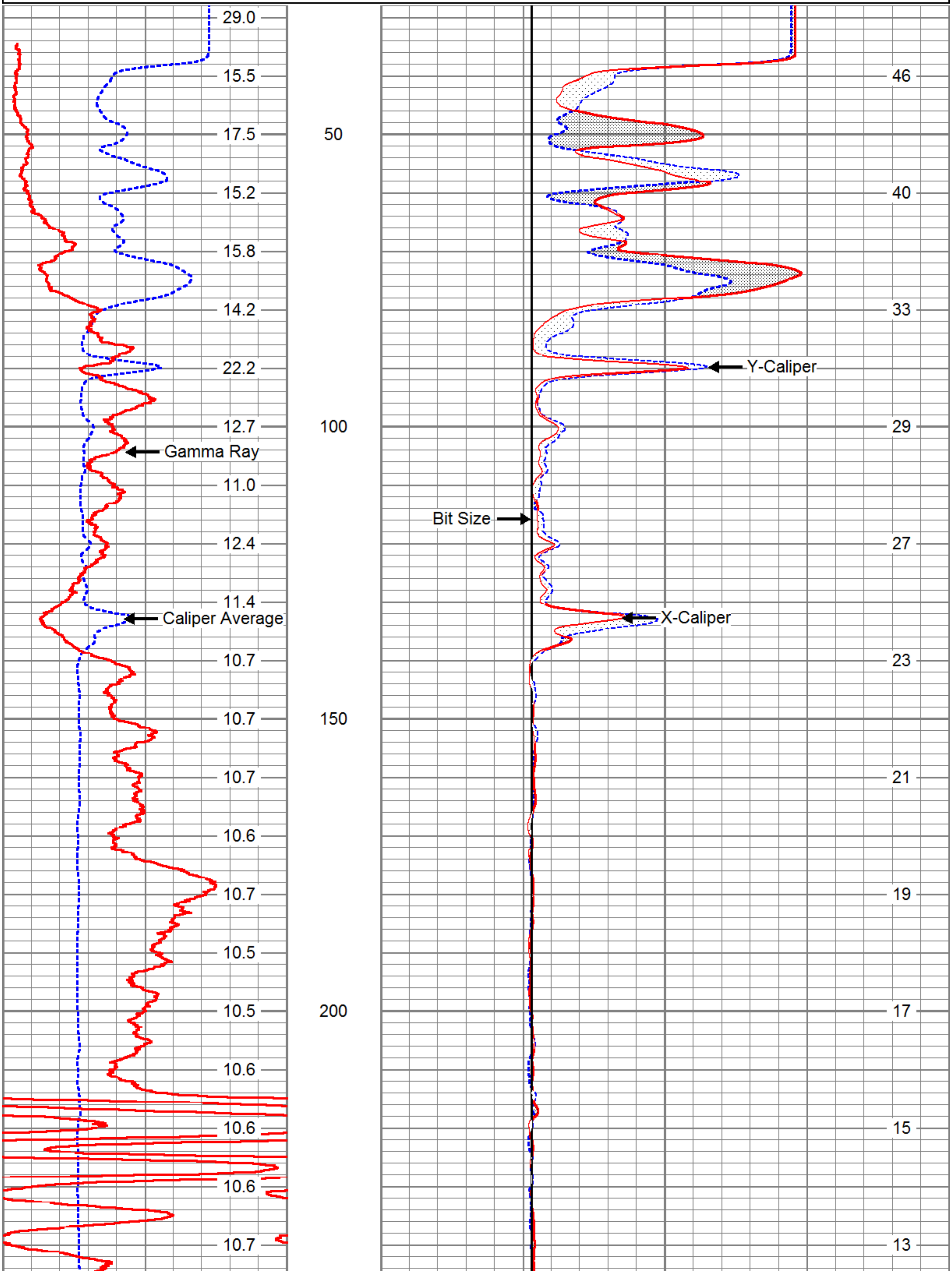
0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 Gamma Ray 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (bbl)

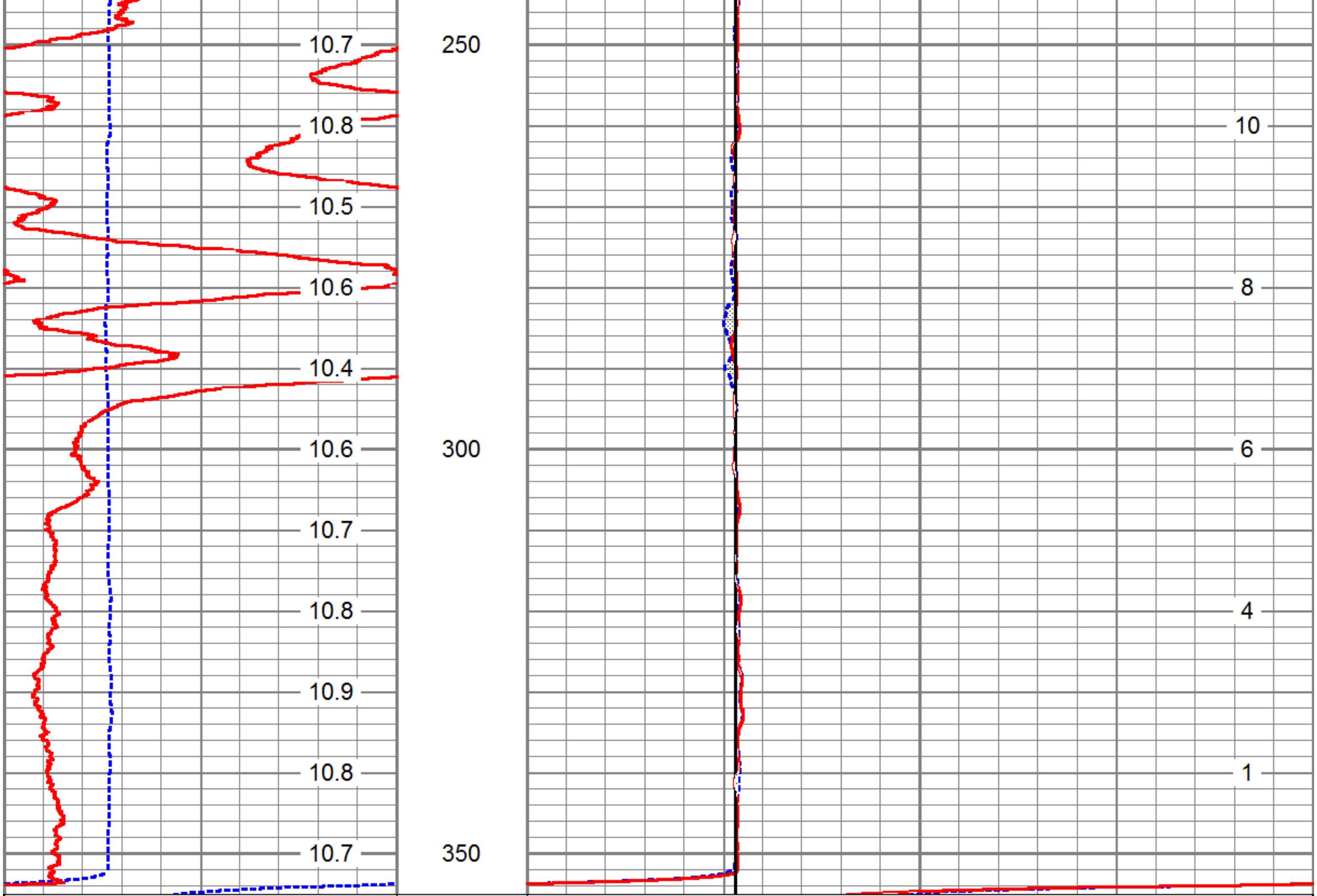
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: XYCMP1
Presentation Format: xyc
Dataset Creation: Thu Aug 11 18:25:23 2011
Charted by: Depth in Feet scaled 1:240

0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 Gamma Ray 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (bbl)


29.0
15.5
17.5
15.2
15.8
14.2
22.2
12.7
Gamma Ray
11.0
12.4
11.4
Caliper Average
10.7
10.7
10.7
10.6
10.7
10.5
10.5
10.6
10.6
10.6
10.7
50
100
150
200
Y-Caliper
Bit Size
X-Caliper
46
40
33
29
27
23
21
19
17
15
13

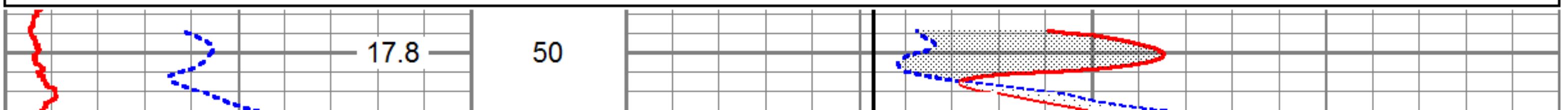


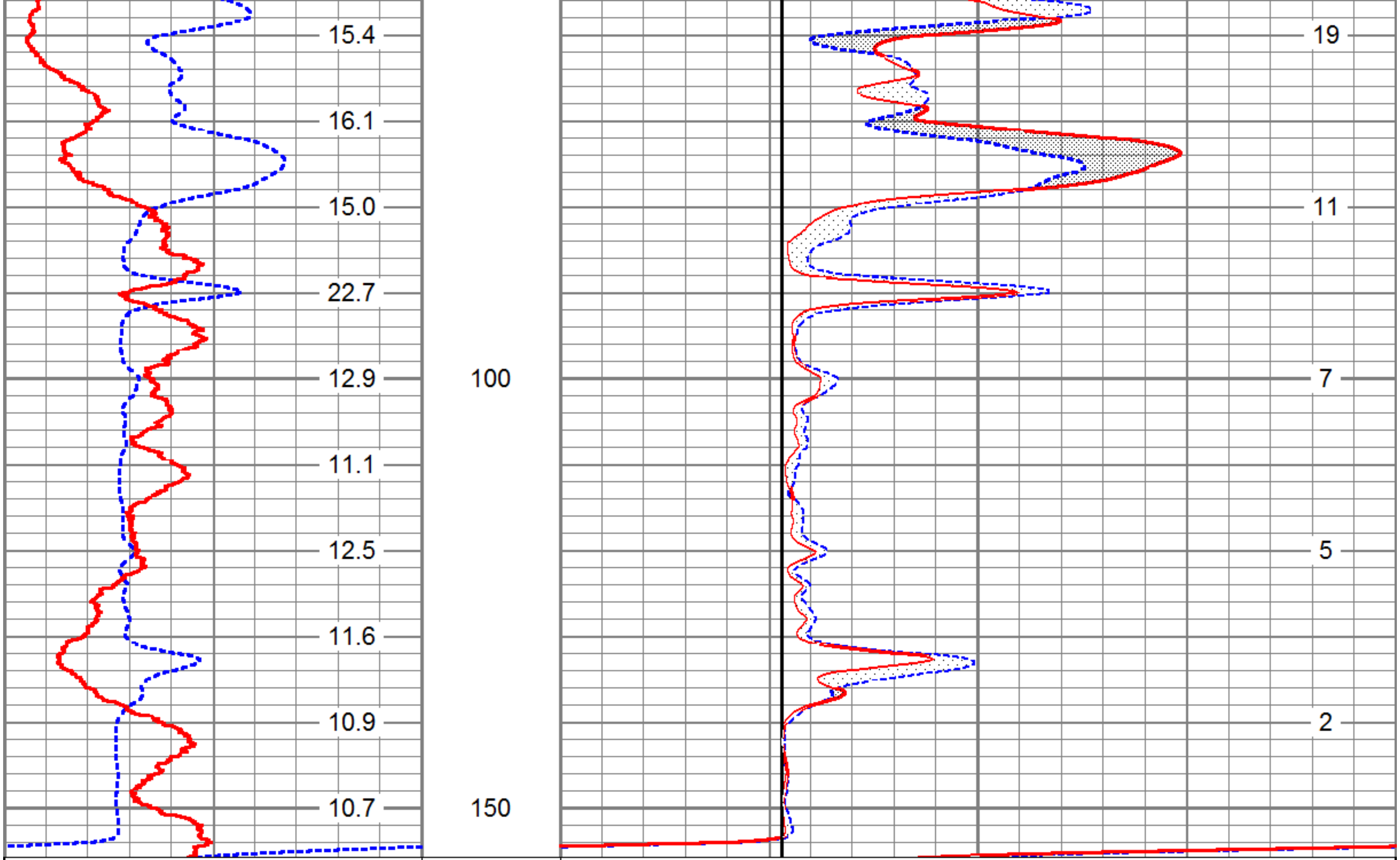
0	Caliper Average (in)	40		
0	Gamma Ray	200		
	CALA (in)			
0	Y-Caliper (in)	40		
0	X-Caliper (in)	40		
0	Borehole ID (in)	40		
	TBHV (bbl)			

REPEAT PASS

Database File:	kisspof28.db
Dataset Pathname:	XYCRP
Presentation Format:	xyc
Dataset Creation:	Thu Aug 11 18:25:23 2011
Charted by:	Depth in Feet scaled 1:240

0	Caliper Average (in)	40
0	Gamma Ray	200
	CALA (in)	
0	Y-Caliper (in)	40
0	X-Caliper (in)	40
0	Borehole ID (in)	40
	TBHV (bbl)	





0 Caliper Average (in) 40		0 Y-Caliper (in) 40	
0 Gamma Ray 200		0 X-Caliper (in) 40	
	CALA (in)	0 Borehole ID (in) 40	
			TBHV (bbl)

Calibration Report

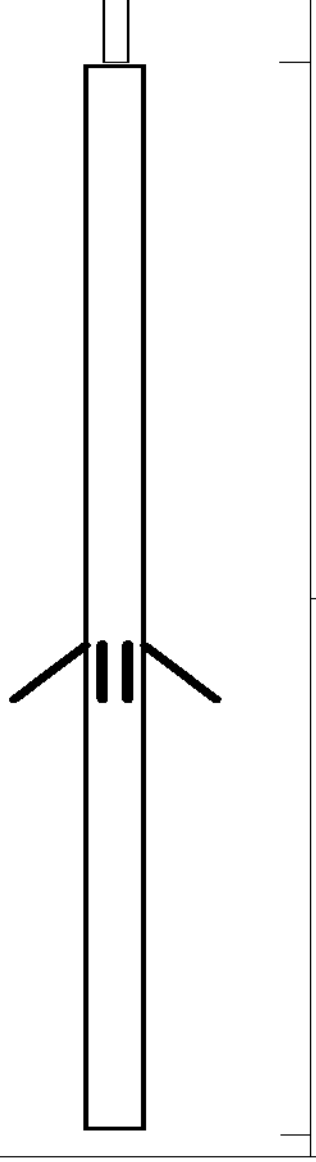
Database File: kisspof28.db
Dataset Pathname: XYCMP1
Dataset Creation: Thu Aug 11 18:25:23 2011

XY Caliper Calibration Report

Serial Number/Model: Probe1-Probe
Performed: Wed Jul 13 13:48:07 2011

Ring			X Caliper		Y Caliper	
1:	6	in	353.173	cps	385.341	cps
2:	10.625	in	405.3	cps	446.1	cps
3:	12.25	in	436.063	cps	473.78	cps
4:	15.25	in	478.545	cps	517.723	cps
5:	20	in	535.441	cps	588.881	cps
6:	27.25	in	654.1	cps	710.1	cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00

			XYC-Probe (Probe1) Probe _AWE-XY Caliper SM	5.17	3.50	99.00
XCAL YCAL	0.75 0.75					

Dataset: kisspof28.db: field/well/run1/XYCMP1
Total Length: 6.17 ft
Total Weight: 104.00 lb
O.D. 3.50 in

BOREHOLE COMPENSATED SONIC/VDL LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE COMMENTS

		Elevation
Permanent Datum	PAD	
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	11-AUG-2011		
Run Number	THREE		
Depth Driller	539'		
Depth Logger	539'		
Bottom Logged Interval	539'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'				
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String				
Liner				

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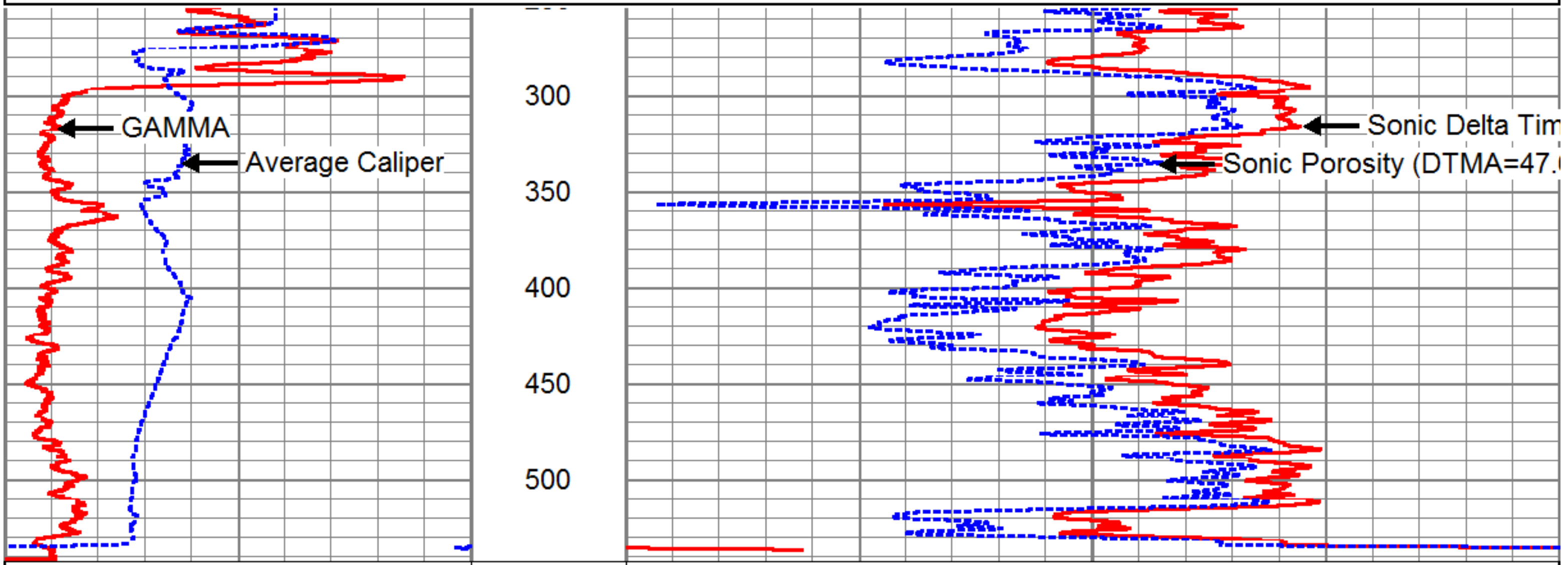
Comments

DIL/RES/SP
XYC/GR

MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run3/BHCVDL
Presentation Format:	bhc_por
Dataset Creation:	Thu Aug 11 18:25:04 2011
Charted by:	Depth in Feet scaled 1:1200

0 GAMMA 200	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

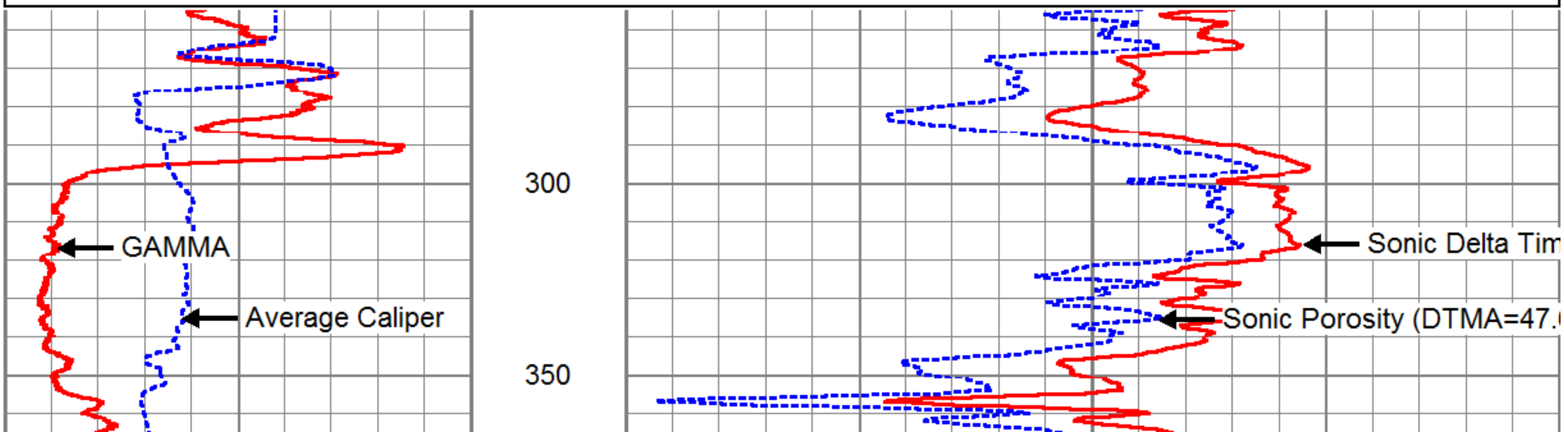


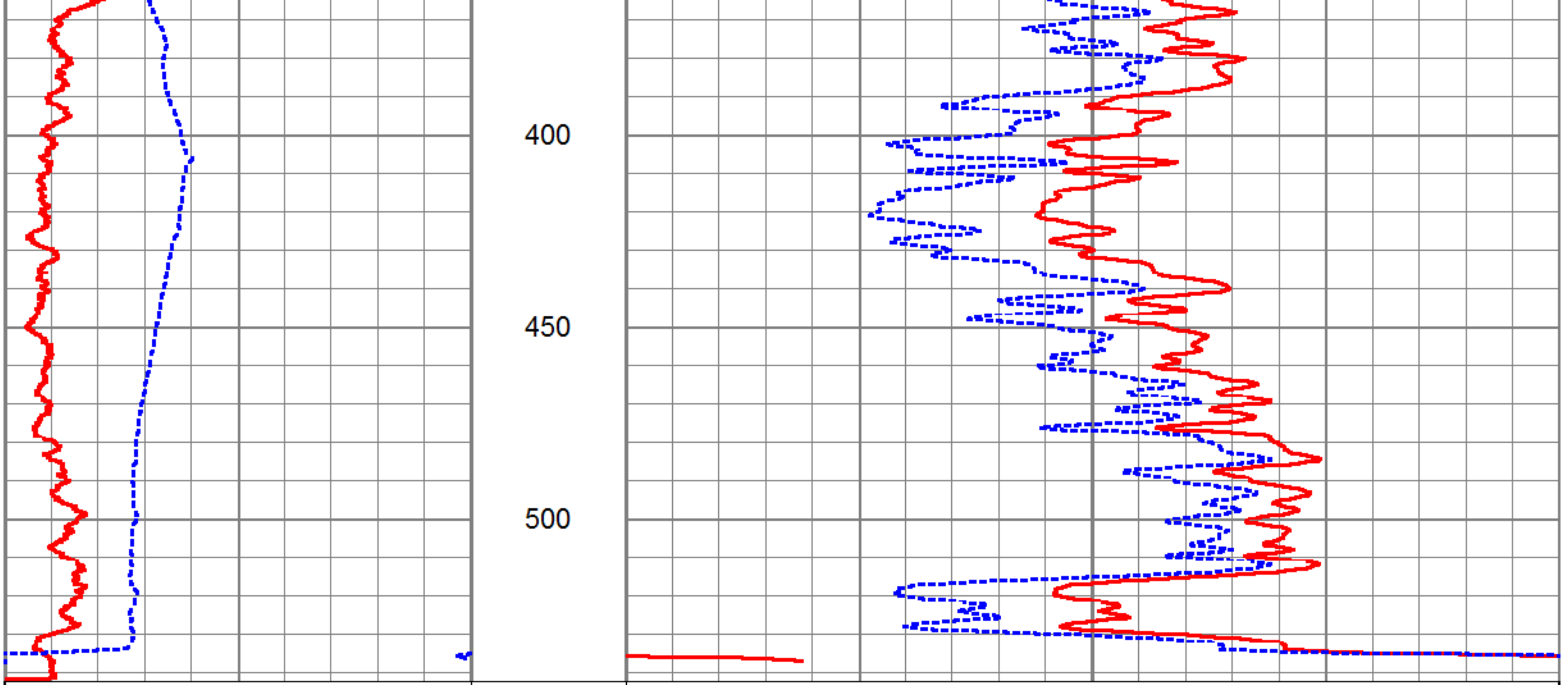
0 GAMMA 200	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run3/BHCVDL
Presentation Format:	bhc_por
Dataset Creation:	Thu Aug 11 18:25:04 2011
Charted by:	Depth in Feet scaled 1:600

0 GAMMA 200	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0





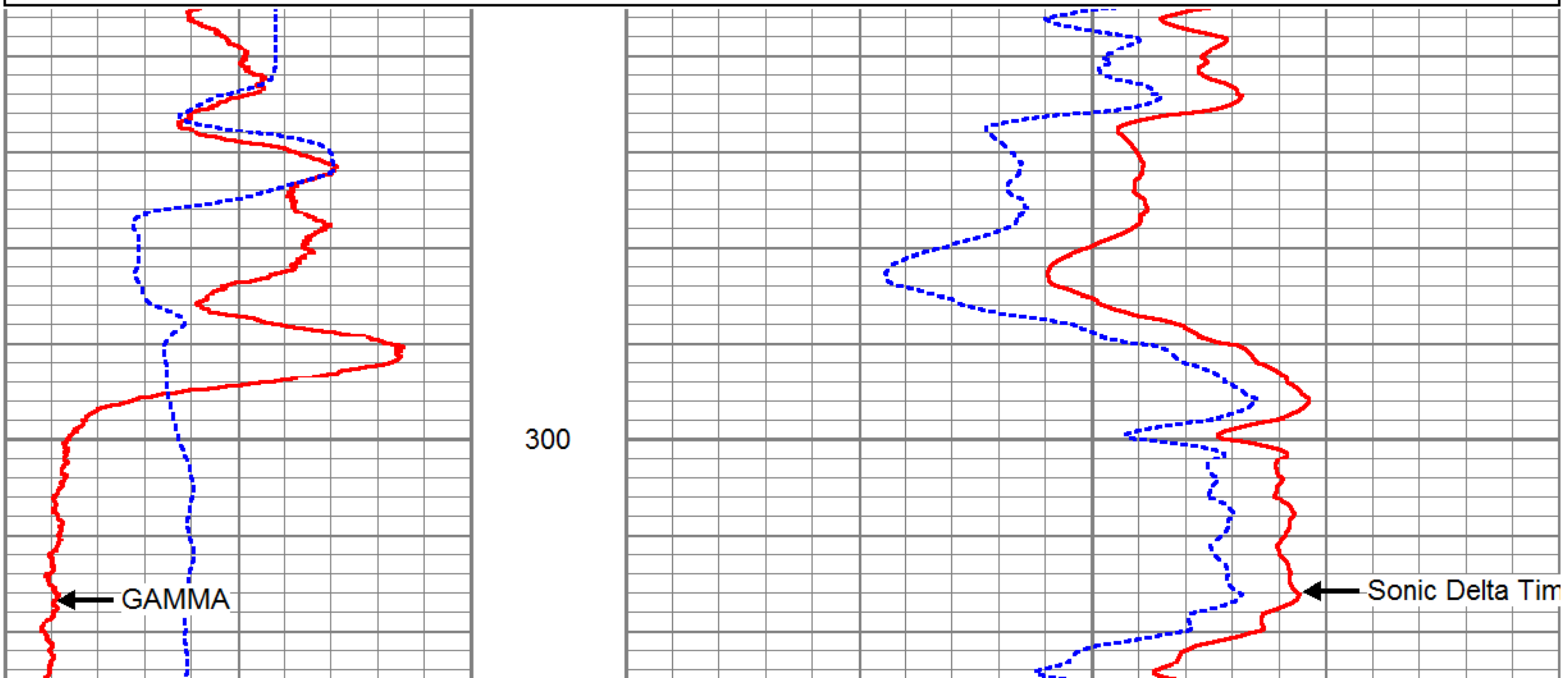
0 GAMMA 200		240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40		100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

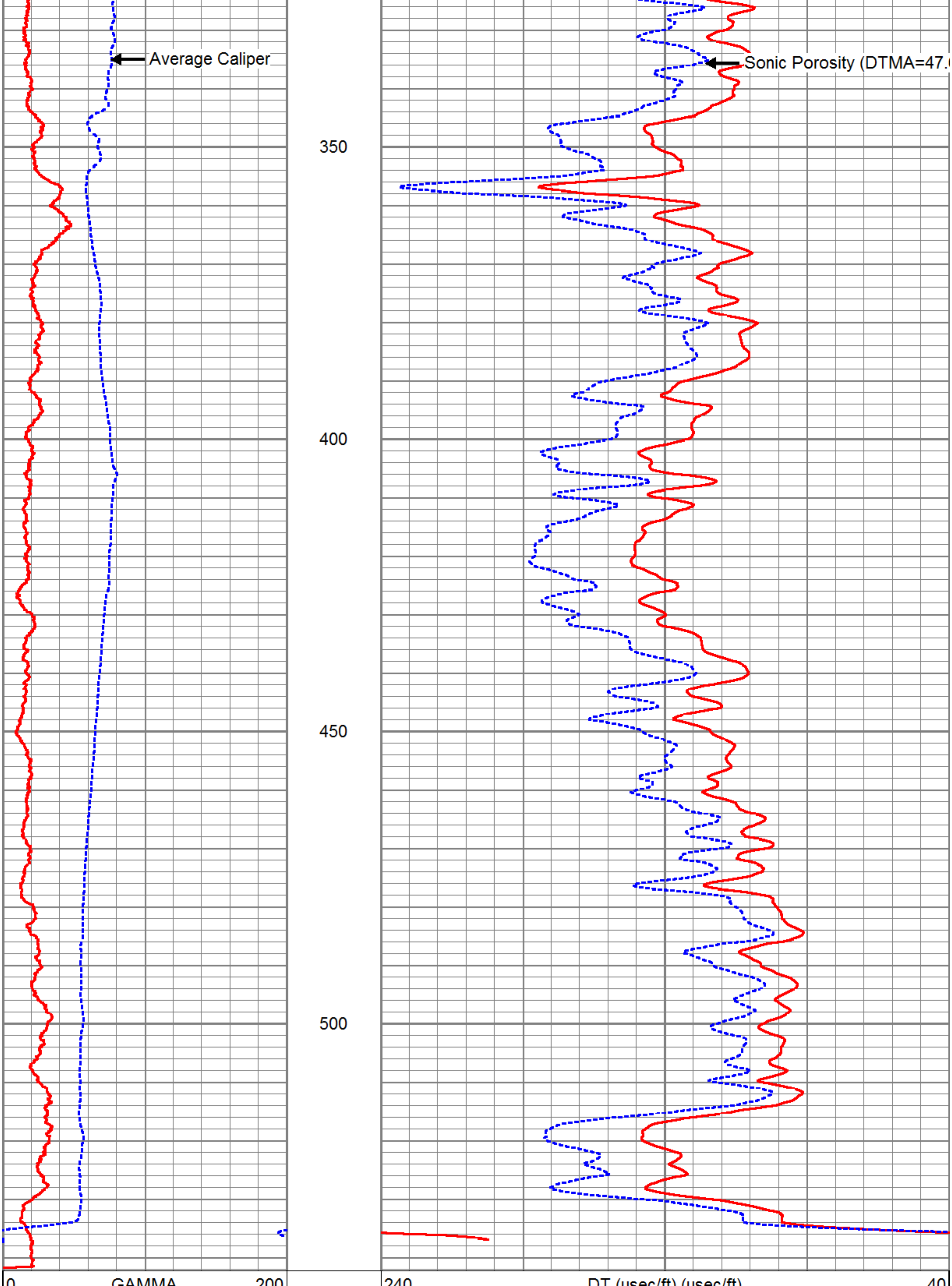
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run3/BHCVDL
Presentation Format: bhc_por
Dataset Creation: Thu Aug 11 18:25:04 2011
Charted by: Depth in Feet scaled 1:240

0 GAMMA 200		240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40		100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0





Average Caliper
Sonic Porosity (DTMA=47.
350
400
450
500
0
GAMMA
200
240
DT (usec/ft) (usec/ft)
40

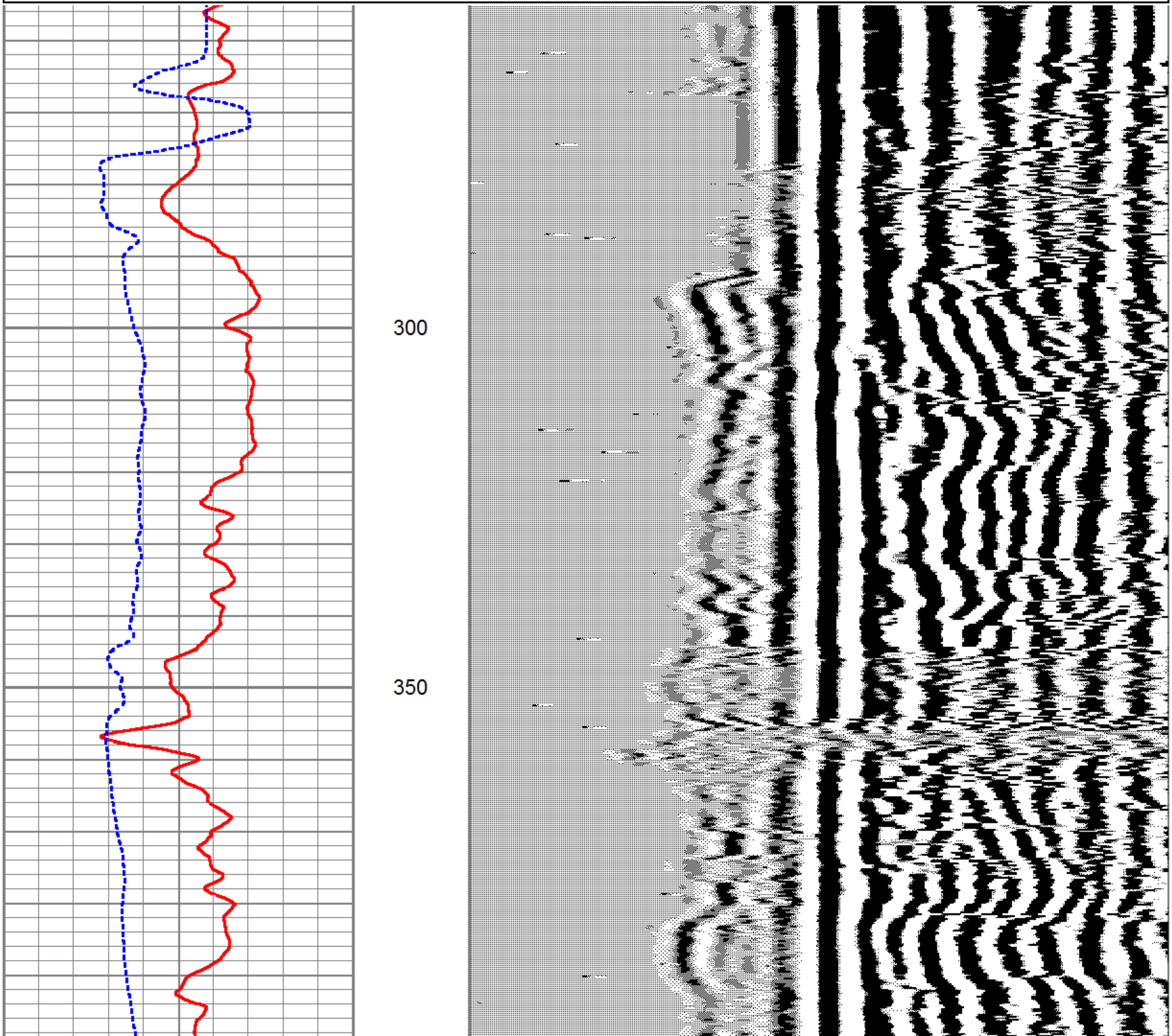
0	GAMMA	200		240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40		100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

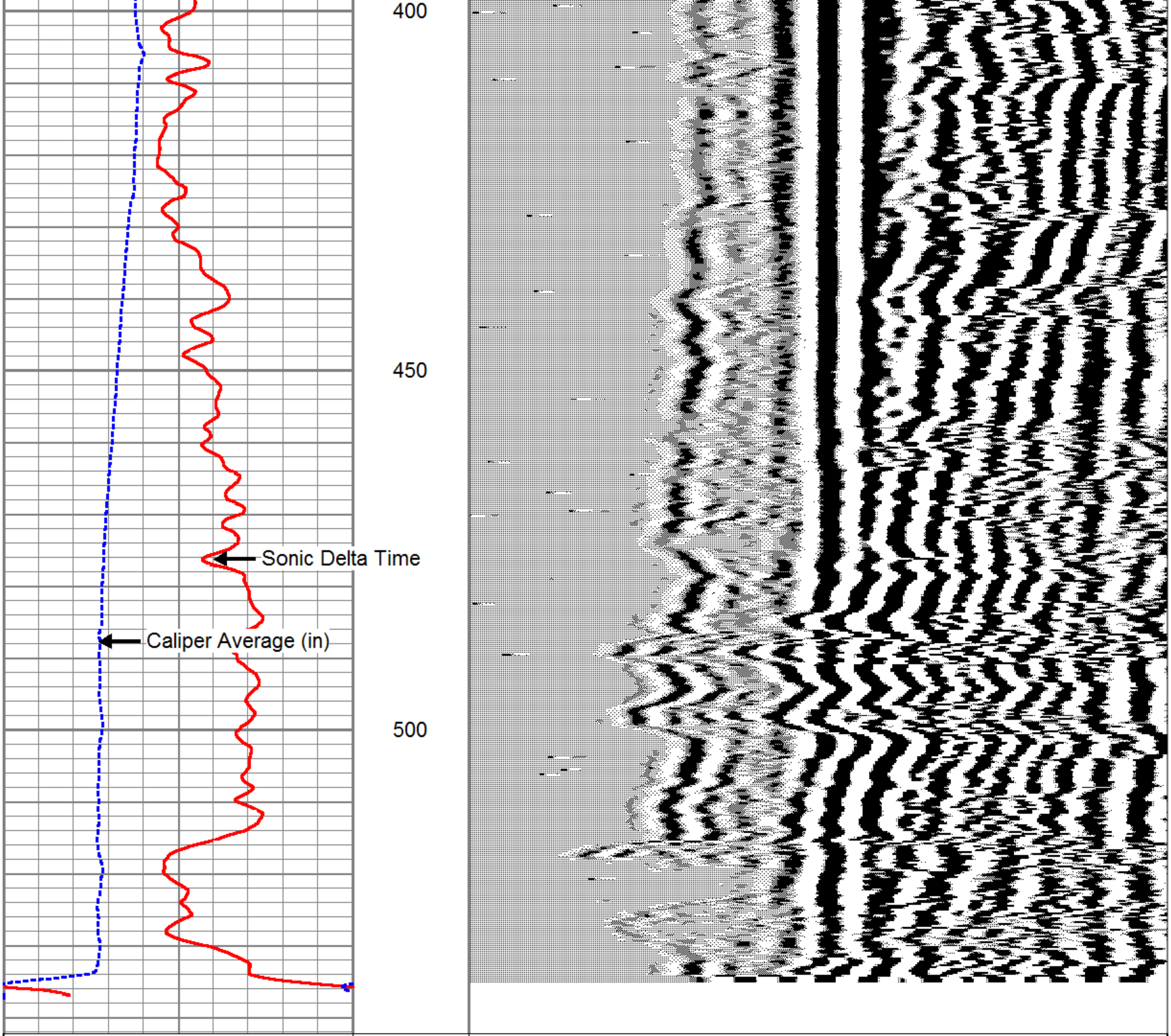
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run3/BHCVDL
Presentation Format: bhc
Dataset Creation: Thu Aug 11 18:25:04 2011
Charted by: Depth in Feet scaled 1:240

240	Sonic Delta Time (usec/ft)	40		200	WVF1	1200
0	Caliper Average (in) (in)	40				





240 Sonic Delta Time (usec/ft) 40 | 200 WVF1 1200

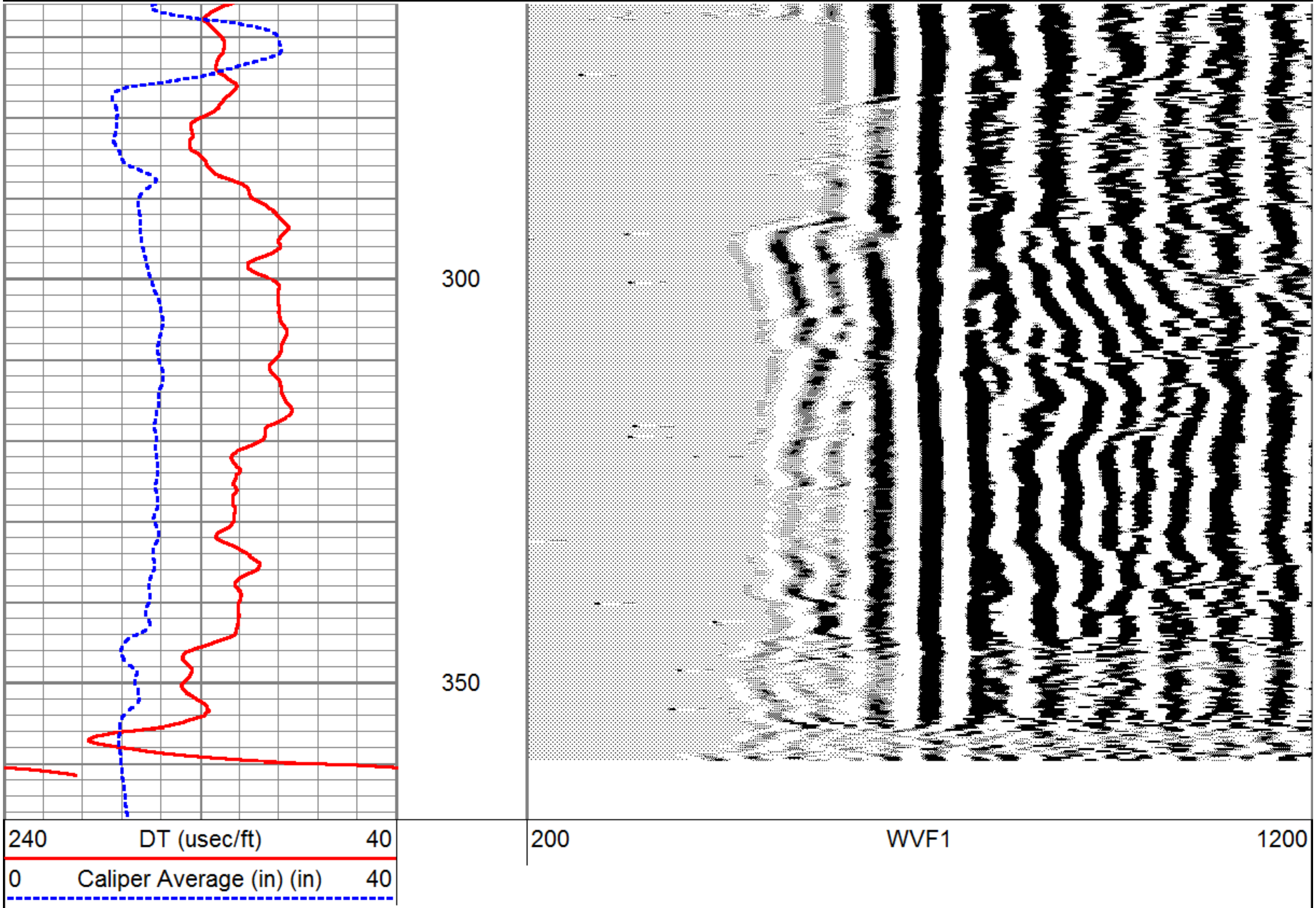
0 Caliper Average (in) (in) 40

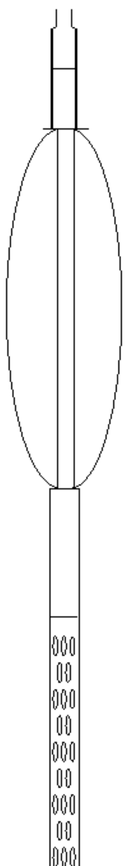
REPEAT PASS

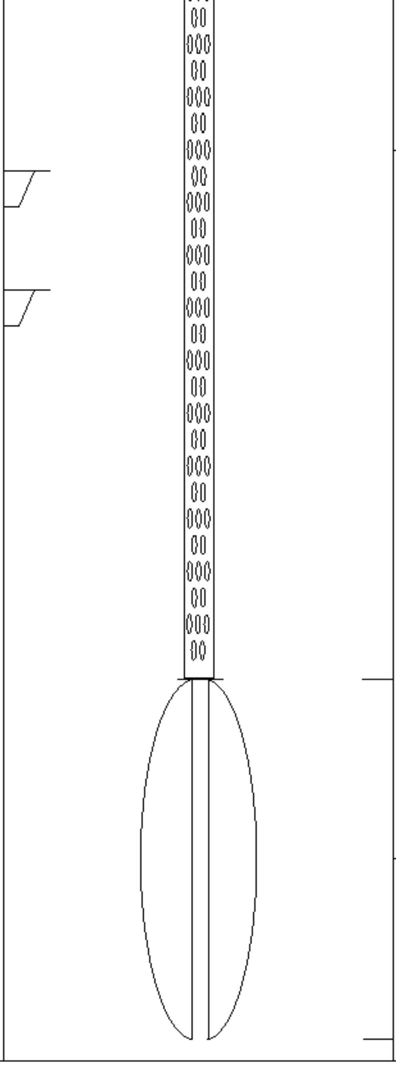
Database File:	kisspof28.db
Dataset Pathname:	run3/BHCVDLRP
Presentation Format:	bhc
Dataset Creation:	Thu Aug 11 18:25:04 2011
Charted by:	Depth in Feet scaled 1:240

240 DT (usec/ft) 40 | 200 WVF1 1200

0 Caliper Average (in) (in) 40



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CBLINLINE	3.00	1.50	10.00

WVF1 WVF2 WVF3 WVF4	7.25 7.25 6.25 6.25		SLT2Probe-Probe275(Probe) (1)	8.83	2.75	100.00
			CBLINLINE	3.00	1.50	10.00

Dataset:	kisspof28.db: field/well/run3/BHCVDL
Total Length:	15.83 ft
Total Weight:	125.00 lb
O.D.	2.75 in

DUAL INDUCTION RES/SP LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	11-AUG-2011		
Run Number	THREE		
Depth Driller	539'		
Depth Logger	539'		
Bottom Logged Interval	539'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'				
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String				
Liner				

<<< Fold Here >>>

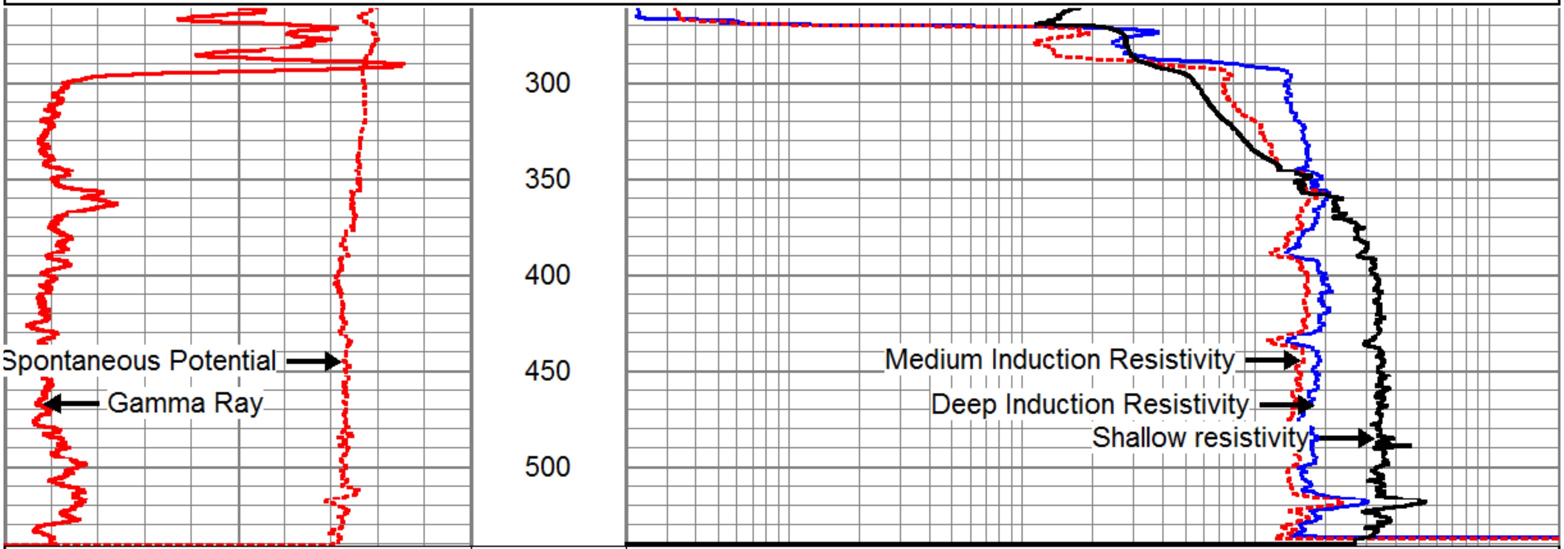
Comments

XYC/GR
BHC/VDL

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run3/RGDILMP2
Presentation Format: dil
Dataset Creation: Thu Aug 11 18:25:04 2011
Charted by: Depth in Feet scaled 1:1200

0	Gamma Ray	200	0.2	Deep Resistivity (Ohm-m)	2000
0	Spontaneous Potential	100	0.2	Medium Resistivity (Ohm-m)	2000
			0.2	Shallow resistivity	2000

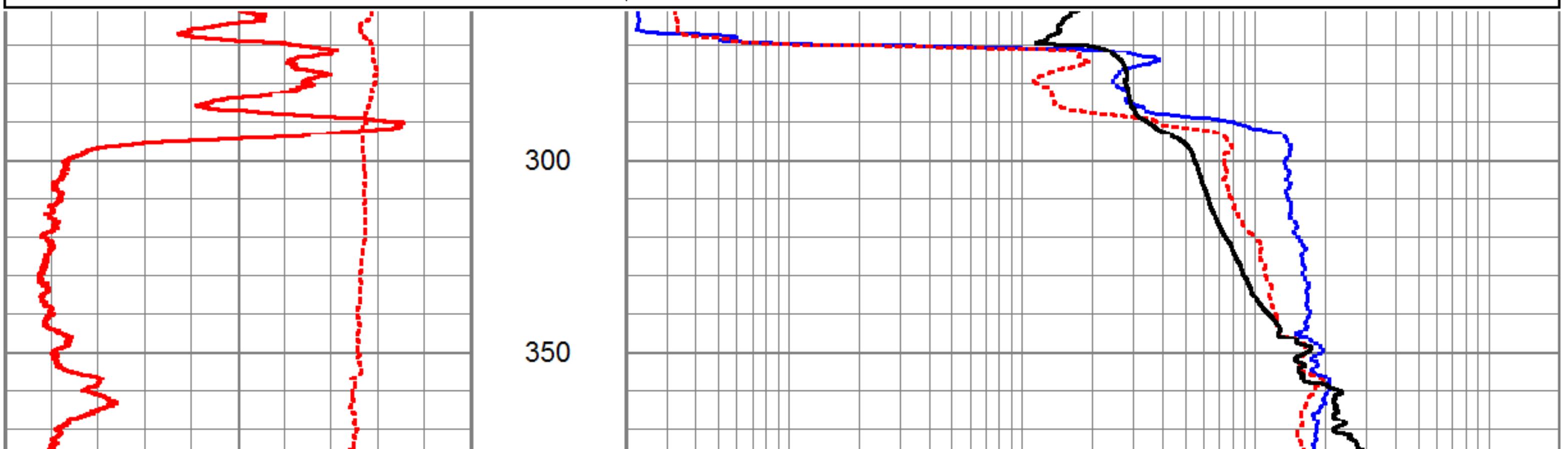


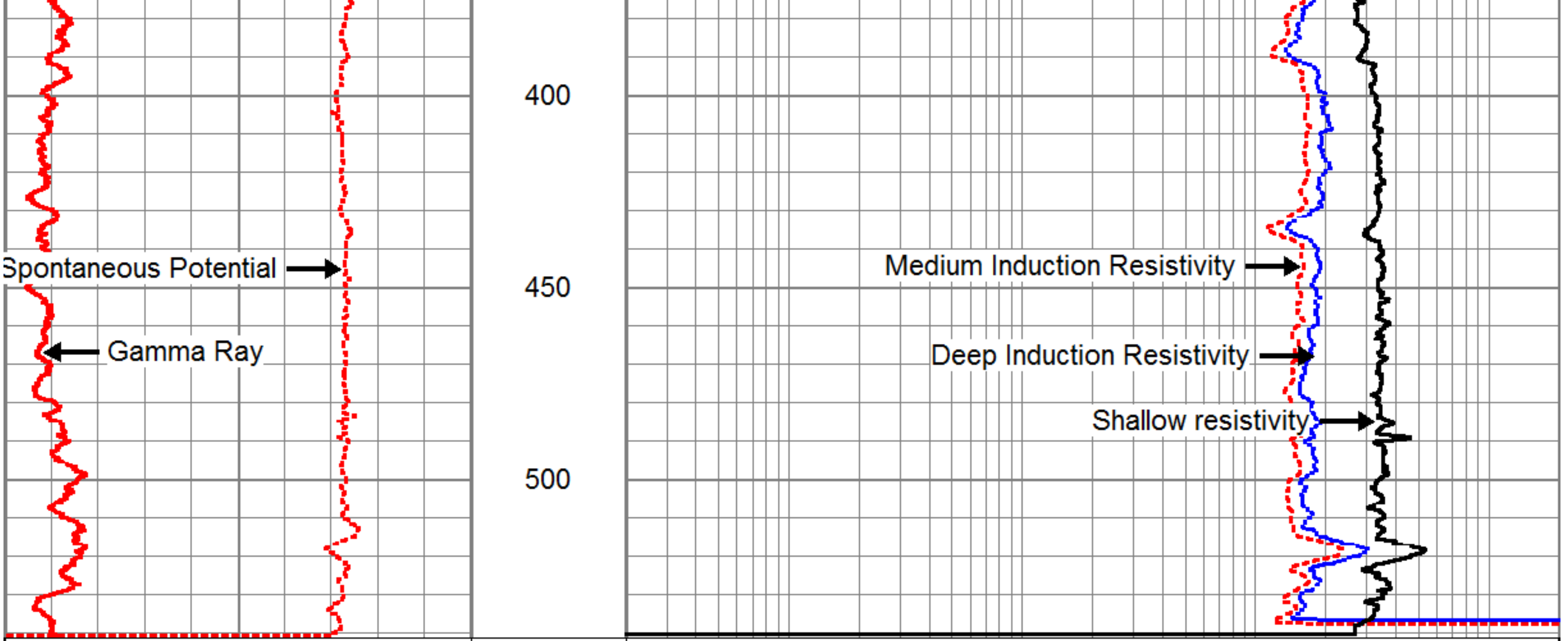
0	Gamma Ray	200	0.2	Deep Resistivity (Ohm-m)	2000
0	Spontaneous Potential	100	0.2	Medium Resistivity (Ohm-m)	2000
			0.2	Shallow resistivity	2000

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run3/RGDILMP2
Presentation Format: dil
Dataset Creation: Thu Aug 11 18:25:04 2011
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	200	0.2	Deep Resistivity (Ohm-m)	2000
0	Spontaneous Potential	100	0.2	Medium Resistivity (Ohm-m)	2000
			0.2	Shallow resistivity	2000





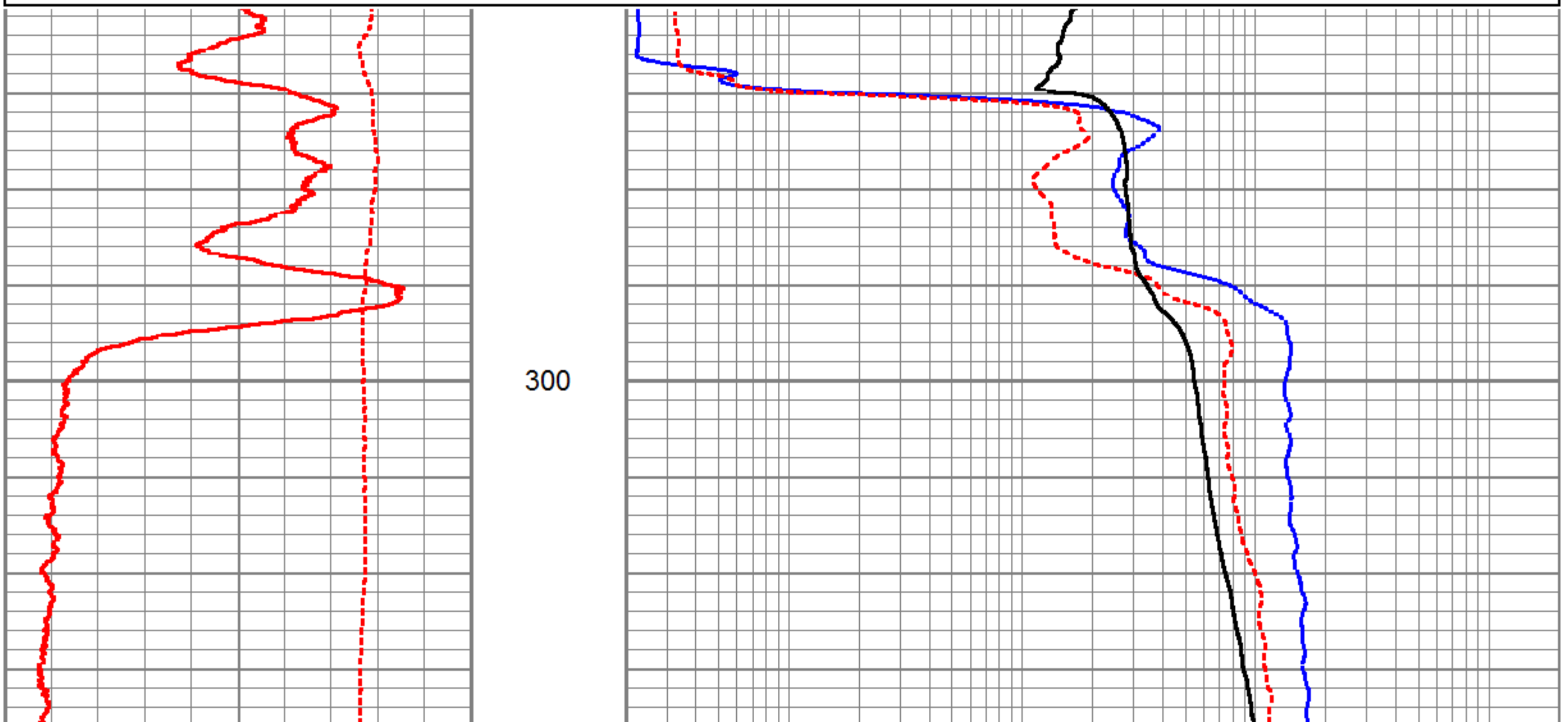
0	Gamma Ray	200
0	Spontaneous Potential	100
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow resistivity	2000

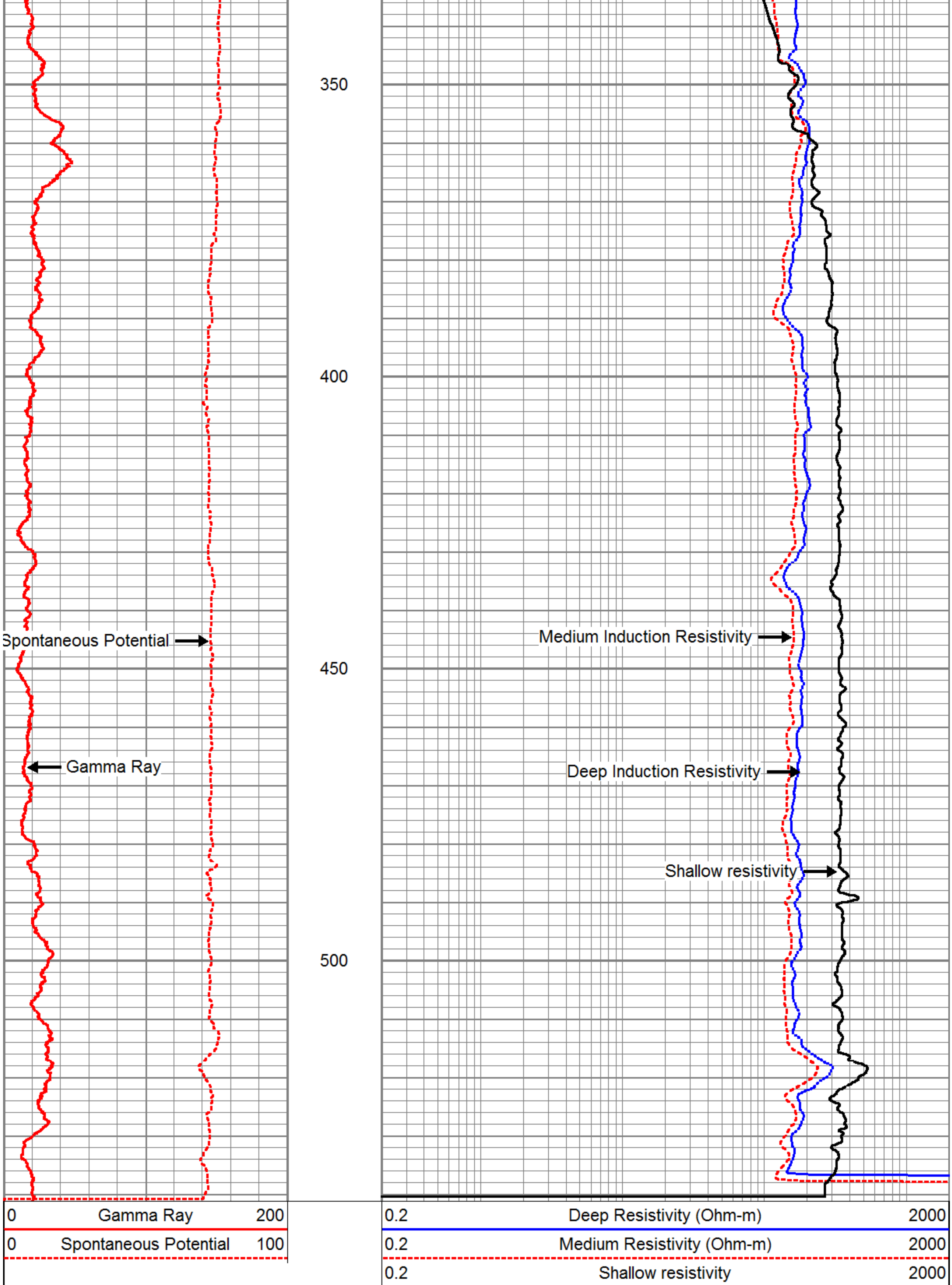
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run3/RGDILMP2
Presentation Format: dil
Dataset Creation: Thu Aug 11 18:25:04 2011
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	200
0	Spontaneous Potential	100
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow resistivity	2000

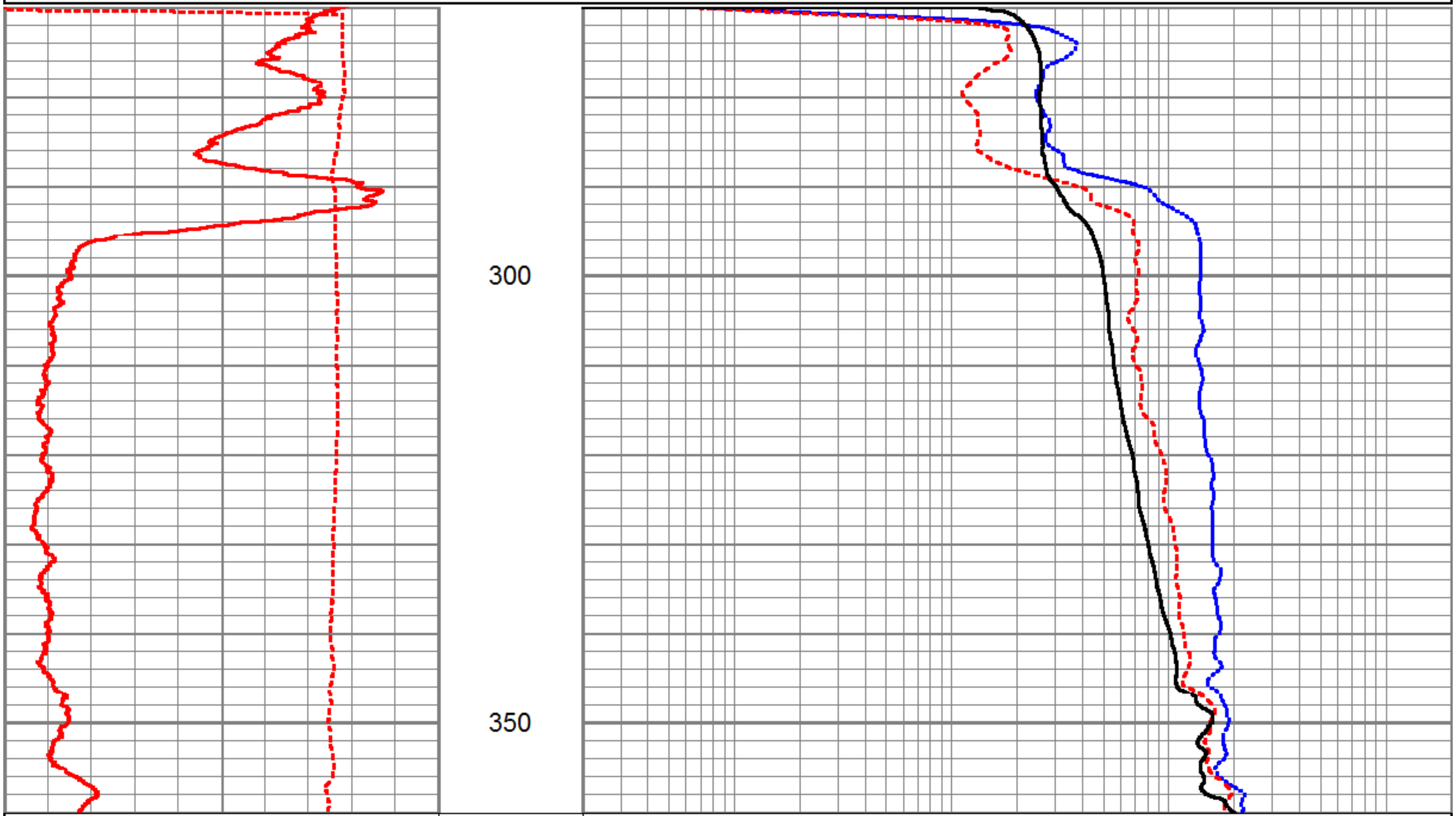



350
400
450
500
Spontaneous Potential
Gamma Ray
Medium Induction Resistivity
Deep Induction Resistivity
Shallow resistivity
0 Gamma Ray 200
0 Spontaneous Potential 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow resistivity 2000

REPEAT PASS

Database File: kisspof28.db
Dataset Pathname: run3/RGDILRP
Presentation Format: dil
Dataset Creation: Thu Aug 11 18:25:04 2011
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	200		0.2	Deep Resistivity (Ohm-m)	2000
0	Spontaneous Potential	100		0.2	Medium Resistivity (Ohm-m)	2000
				0.2	Shallow resistivity	2000



0	Gamma Ray	200		0.2	Deep Resistivity (Ohm-m)	2000
0	Spontaneous Potential	100		0.2	Medium Resistivity (Ohm-m)	2000
				0.2	Shallow resistivity	2000

Calibration Report

Database File: kisspof28.db
Dataset Pathname: run3/RGDILMP2
Dataset Creation: Thu Aug 11 18:25:04 2011

Gamma Ray Calibration Report

Serial Number: 5562
Tool Model: 6CHAN
Performed: Wed Jul 13 11:28:58 2011

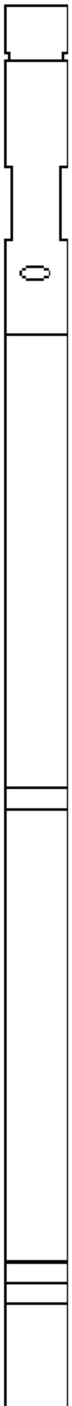
Calibrator Value: 120.0 GAPI

Background Reading:	11.0	
Calibrator Reading:	67.1	
Sensitivity:	2.1390	GAPI/

Dual Induction Calibration Report

Serial-Model: 5562-6CHAN
Surface Cal Performed:

Loop:	Readings Air	Readings Loop	References Air	References Loop		Results m	Results b
Deep	32134.400	41811.700	0.000	1650.000	mmho-m	0.171	-5478.970
Medium	33023.100	50028.000	0.000	3300.000	mmho-m	0.194	-6408.530

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	6.50					
			RGDILGR-6CHAN (5562) Robertson Geologging Dual Induction Gamma Ray	7.06	1.50	13.67
CILD	2.63					
CILM	1.54					

Dataset:	kisspof28.db: field/well/run3/RGDILMP2
Total Length:	7.06 ft
Total Weight:	13.67 lb
O.D.	1.50 in

X-Y CALIPER GAMMA RAY LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE COMMENTS

Permanent Datum PAD Elevation
Log Measured From PAD
Drilling Measured From PAD

Elevation
K.B.
D.F.
G.L.

Date	11-AUG-2011		
Run Number	THREE		
Depth Driller	539'		
Depth Logger	539'		
Bottom Logged Interval	539'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'				
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String				
Liner				

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Comments

DIL/RES/SP
BHC/VDL

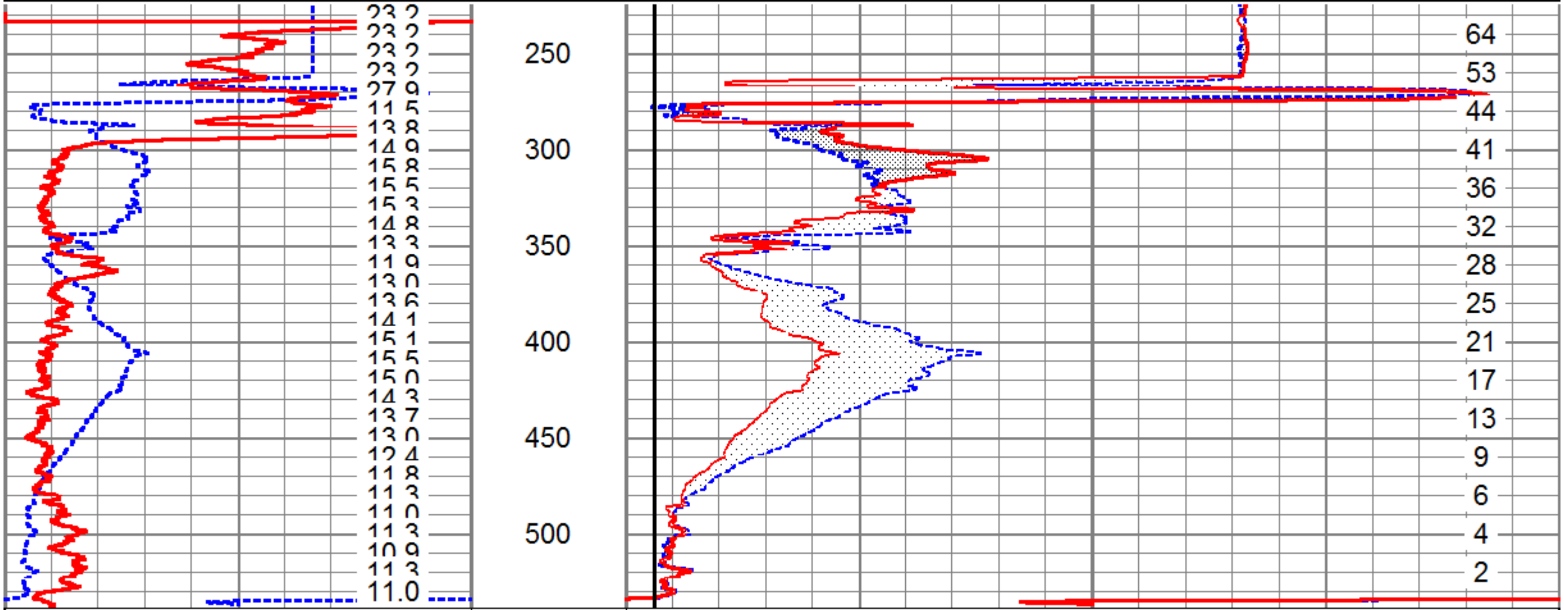
MAIN PASS

ENTERPRISES, INC.

Database File: kisspof28.db
Dataset Pathname: run3/XYCMP2
Presentation Format: xyc
Dataset Creation: Thu Aug 11 18:25:06 2011
Charted by: Depth in Feet scaled 1:1200

10	Caliper Average (in)	30
0	Gamma Ray	200
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Bit Size (in)	30
	TBHV (bbl)	



10	Caliper Average (in)	30
0	Gamma Ray	200
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Bit Size (in)	30
	TBHV (bbl)	

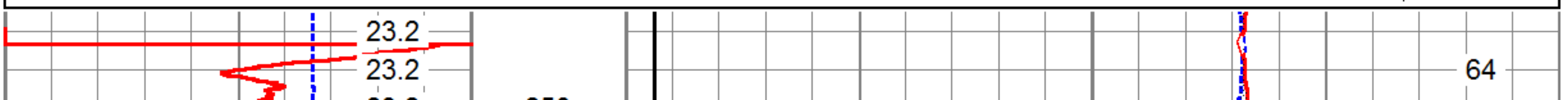
ALLWEBBS
ENTERPRISES, INC.

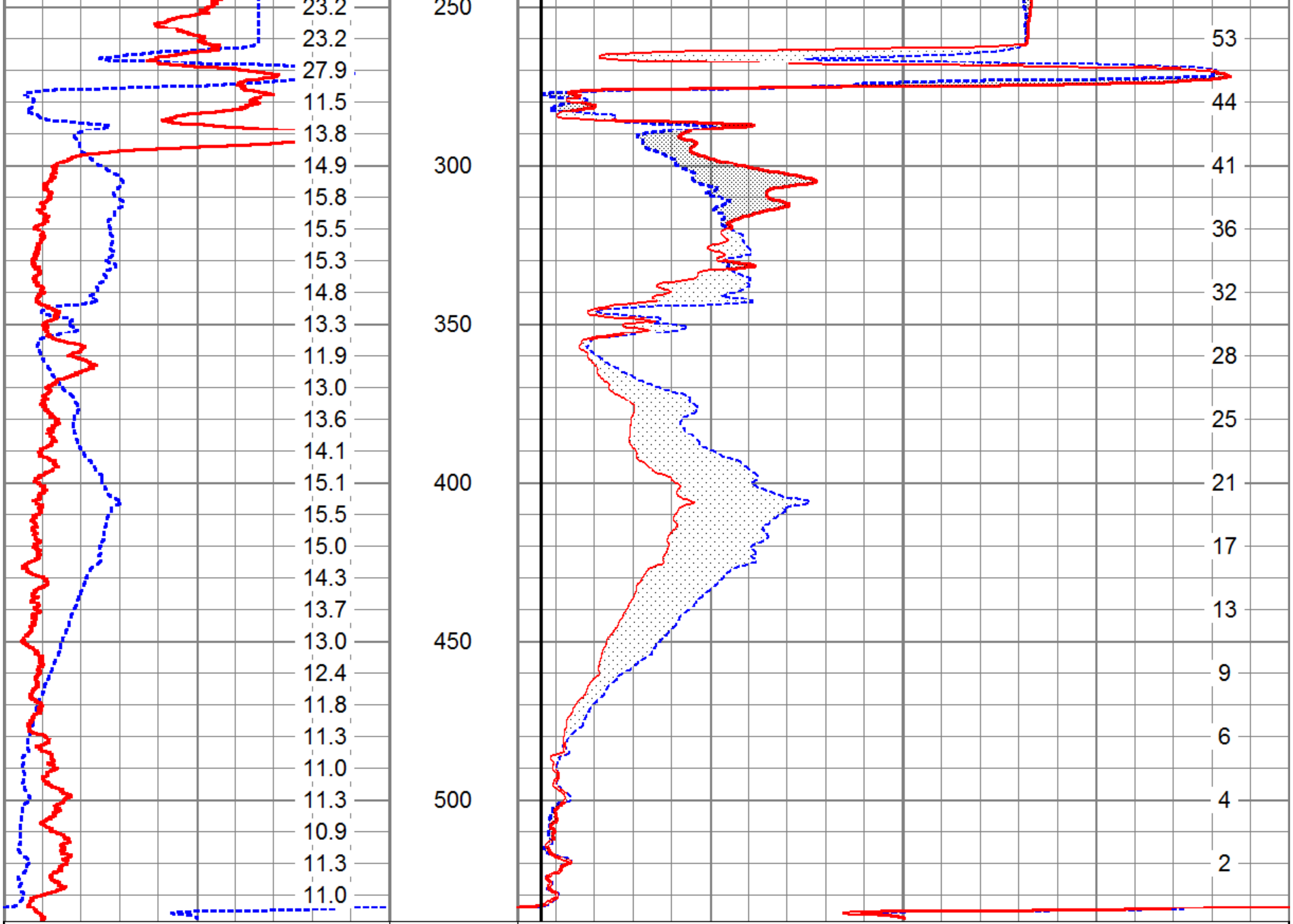
MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run3/XYCMP2
Presentation Format: xyc
Dataset Creation: Thu Aug 11 18:25:06 2011
Charted by: Depth in Feet scaled 1:600

10	Caliper Average (in)	30
0	Gamma Ray	200
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Bit Size (in)	30
	TBHV (bbl)	





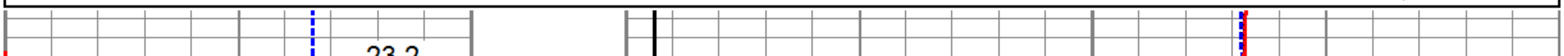
10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray	200	10	X-Caliper (in)	30
	CALA (in)		10	Bit Size (in)	30
				TBHV (bbl)	

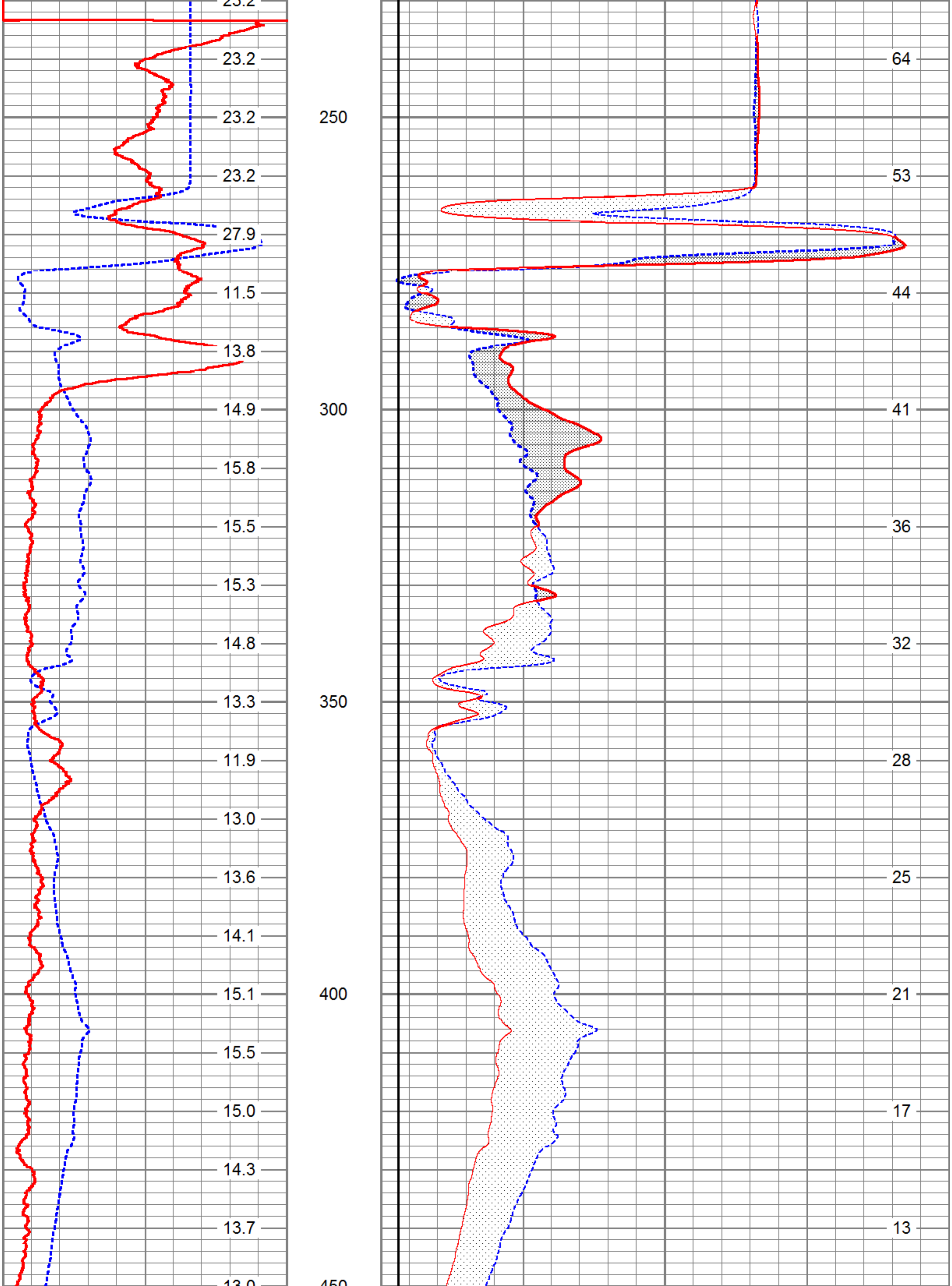
ALLWEBBS ENTERPRISES, INC.

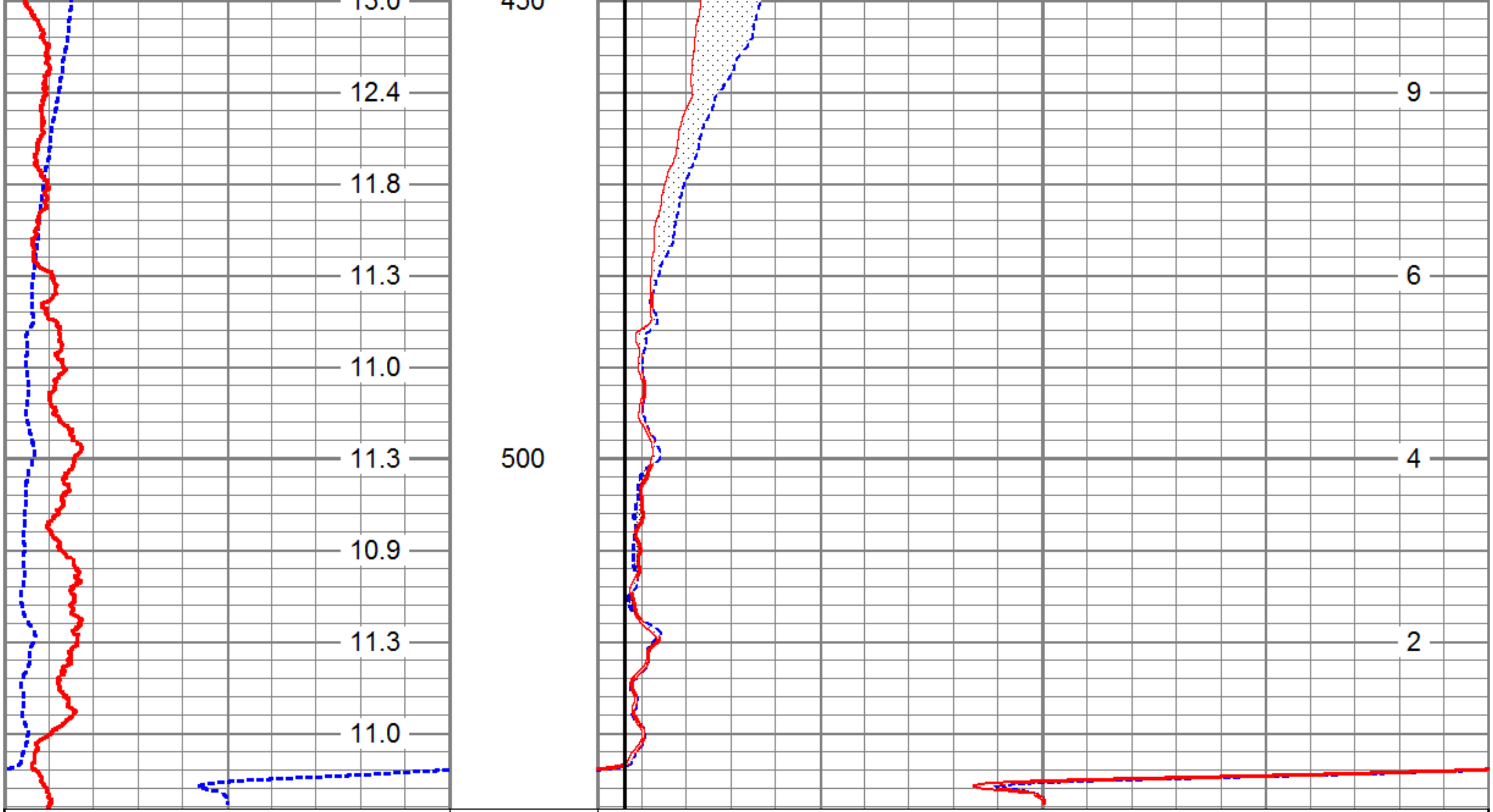
MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run3/XYCMP2
Presentation Format: xyc
Dataset Creation: Thu Aug 11 18:25:06 2011
Charted by: Depth in Feet scaled 1:240

10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray	200	10	X-Caliper (in)	30
	CALA (in)		10	Bit Size (in)	30
				TBHV (bbl)	




23.2
23.2
23.2
23.2
27.9
11.5
13.8
14.9
15.8
15.5
15.3
14.8
13.3
11.9
13.0
13.6
14.1
15.1
15.5
15.0
14.3
13.7
13.0
250
300
350
400
450
64
53
44
41
36
32
28
25
21
17
13

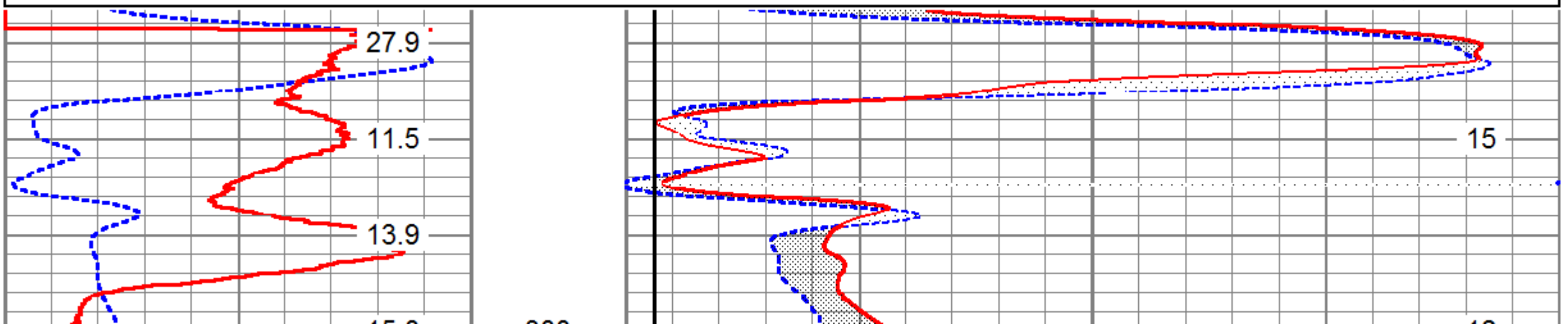


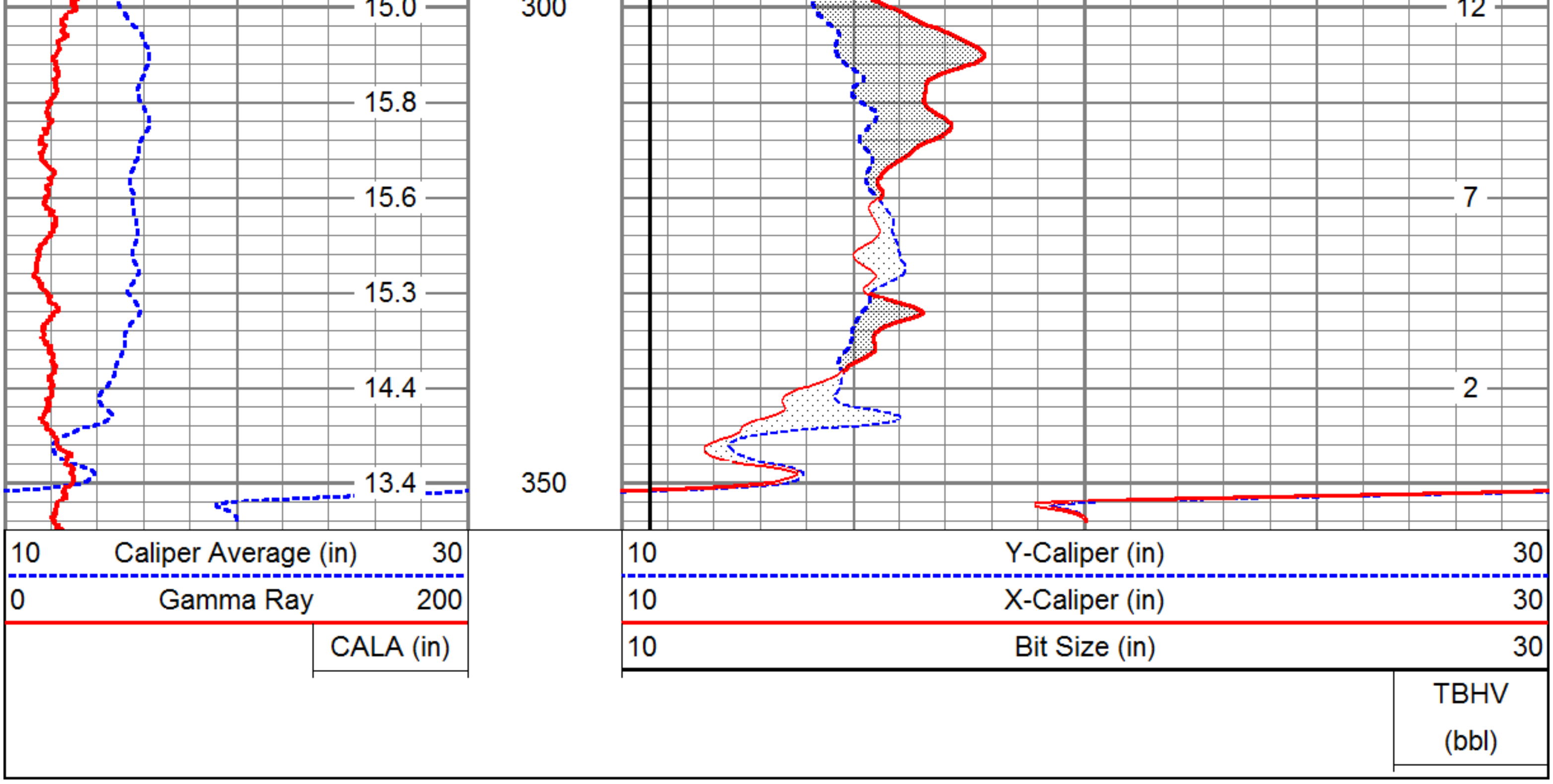
10 Caliper Average (in) 30	10 Y-Caliper (in) 30
0 Gamma Ray 200	10 X-Caliper (in) 30
CALA (in)	10 Bit Size (in) 30
	TBHV (bbl)

REPEAT PASS

Database File: kisspof28.db
Dataset Pathname: run3/XYCRP
Presentation Format: xyc
Dataset Creation: Thu Aug 11 18:25:07 2011
Charted by: Depth in Feet scaled 1:240

10 Caliper Average (in) 30	10 Y-Caliper (in) 30
0 Gamma Ray 200	10 X-Caliper (in) 30
CALA (in)	10 Bit Size (in) 30
	TBHV (bbl)





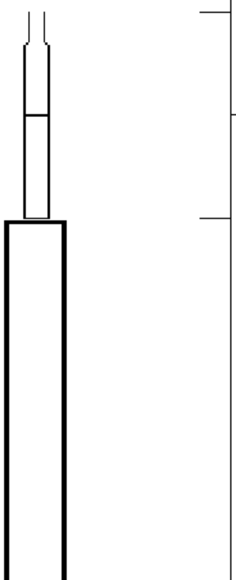
Calibration Report

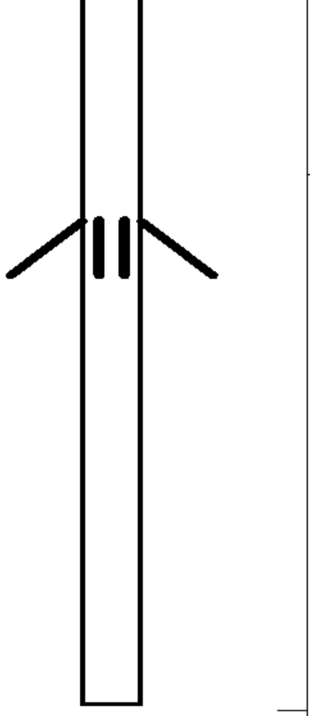
Database File: kisspof28.db
Dataset Pathname: run3/XYCMP2
Dataset Creation: Thu Aug 11 18:25:06 2011

XY Caliper Calibration Report

Serial Number/Model: Probe1-Probe
Performed: Thu Aug 11 09:52:46 2011

Ring			X Caliper		Y Caliper	
1:	6	in	353.173	cps	385.341	cps
2:	11	in	405	cps	449	cps
3:	12.25	in	436.063	cps	473.78	cps
4:	15.25	in	478.545	cps	517.723	cps
5:	20	in	535.441	cps	588.881	cps
6:	23.25	in	586.5	cps	638.9	cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00

XCAL YCAL	0.50 0.50		XYC-Probe (Probe1) Probe XY Caliper with 12" extensions	5.17	3.50	99.00

Dataset:	kisspof28.db: field/well/run3/XYCMP2
Total Length:	6.17 ft
Total Weight:	104.00 lb
O.D.	3.50 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

BOREHOLE COMPENSATED SONIC/VDL LOG

Company	SOUTH FLORIDA MGT. DISTRICT		
Well	POF #28		
Field	KISSIMMEE BASIN (LFA)		
County	POLK	State	FLORIDA
Location:	API # :		Other Services SEE COMMENTS
SEC	TWP	RGE	
Permanent Datum	PAD	Elevation	Elevation
Log Measured From	PAD		K.B.
Drilling Measured From	PAD		D.F.
			G.L.

Date	12-SEPT-2011		
Run Number	FOUR		
Depth Driller	750'		
Depth Logger	742'		
Bottom Logged Interval	742'		
Top Log Interval	CASING		
Open Hole Size	23"	10.625"	
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'				
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				
FOUR	10.625"	530'	750'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String				
Liner				

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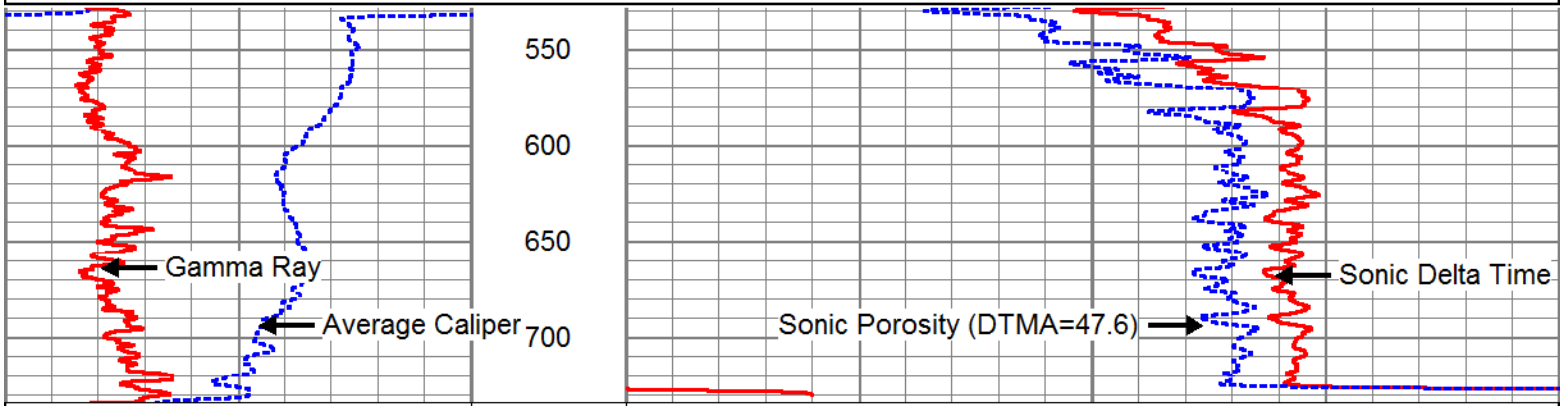
Comments

DIL/RES/SP
XYC/GR

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run4/BHCPRMP
Presentation Format: bhc_por
Dataset Creation: Tue Sep 13 10:40:50 2011 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:1200

0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray (GAPI)	100	100	Sonic Porosity (DTMA=47.6) (pu)	0



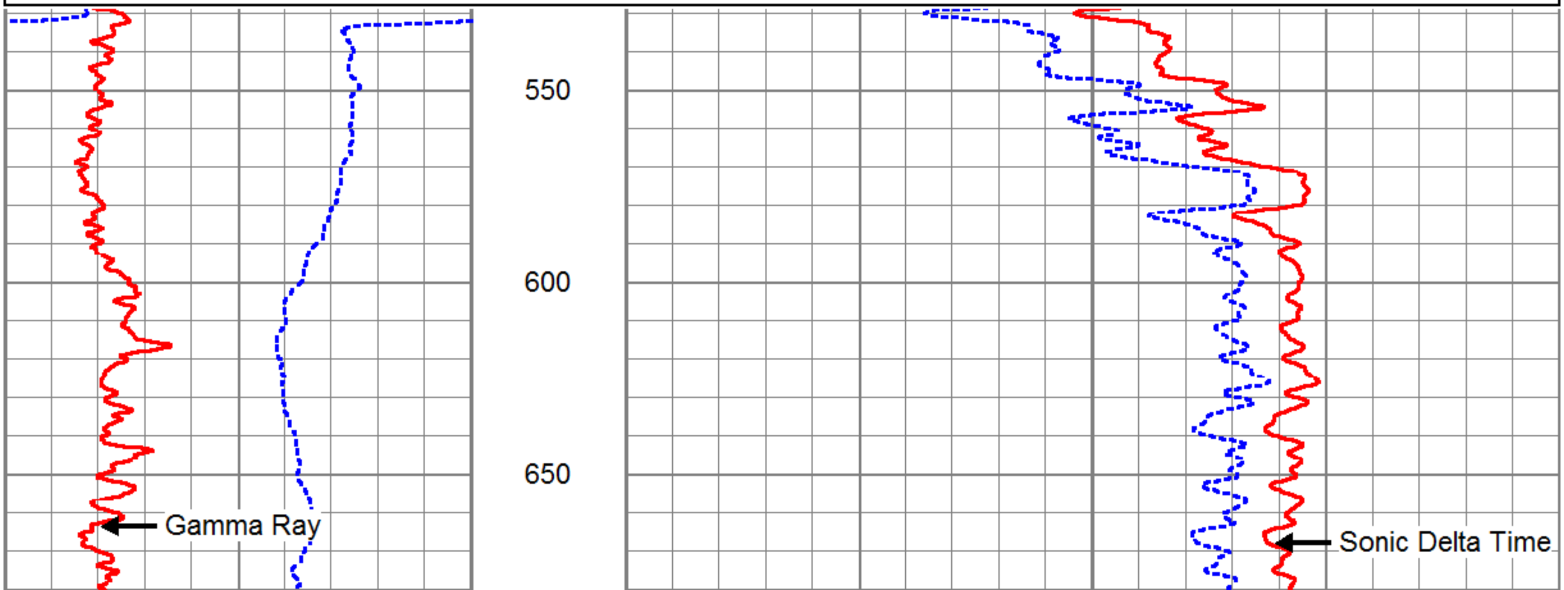
0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray (GAPI)	100	100	Sonic Porosity (DTMA=47.6) (pu)	0

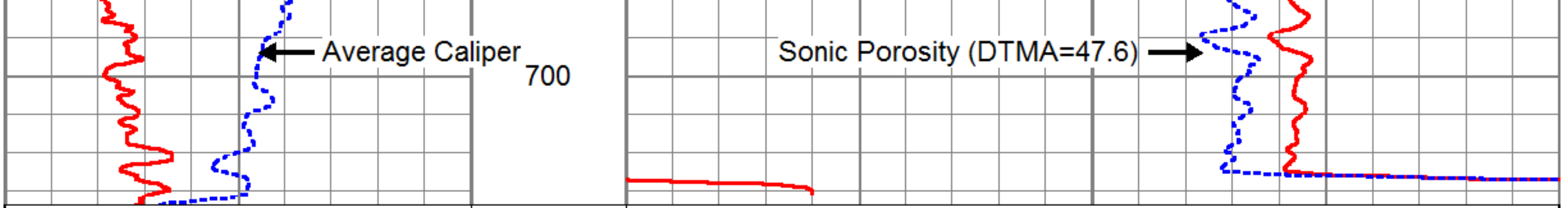
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run4/BHCPRMP
Presentation Format: bhc_por
Dataset Creation: Tue Sep 13 10:40:50 2011 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:600

0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray (GAPI)	100	100	Sonic Porosity (DTMA=47.6) (pu)	0





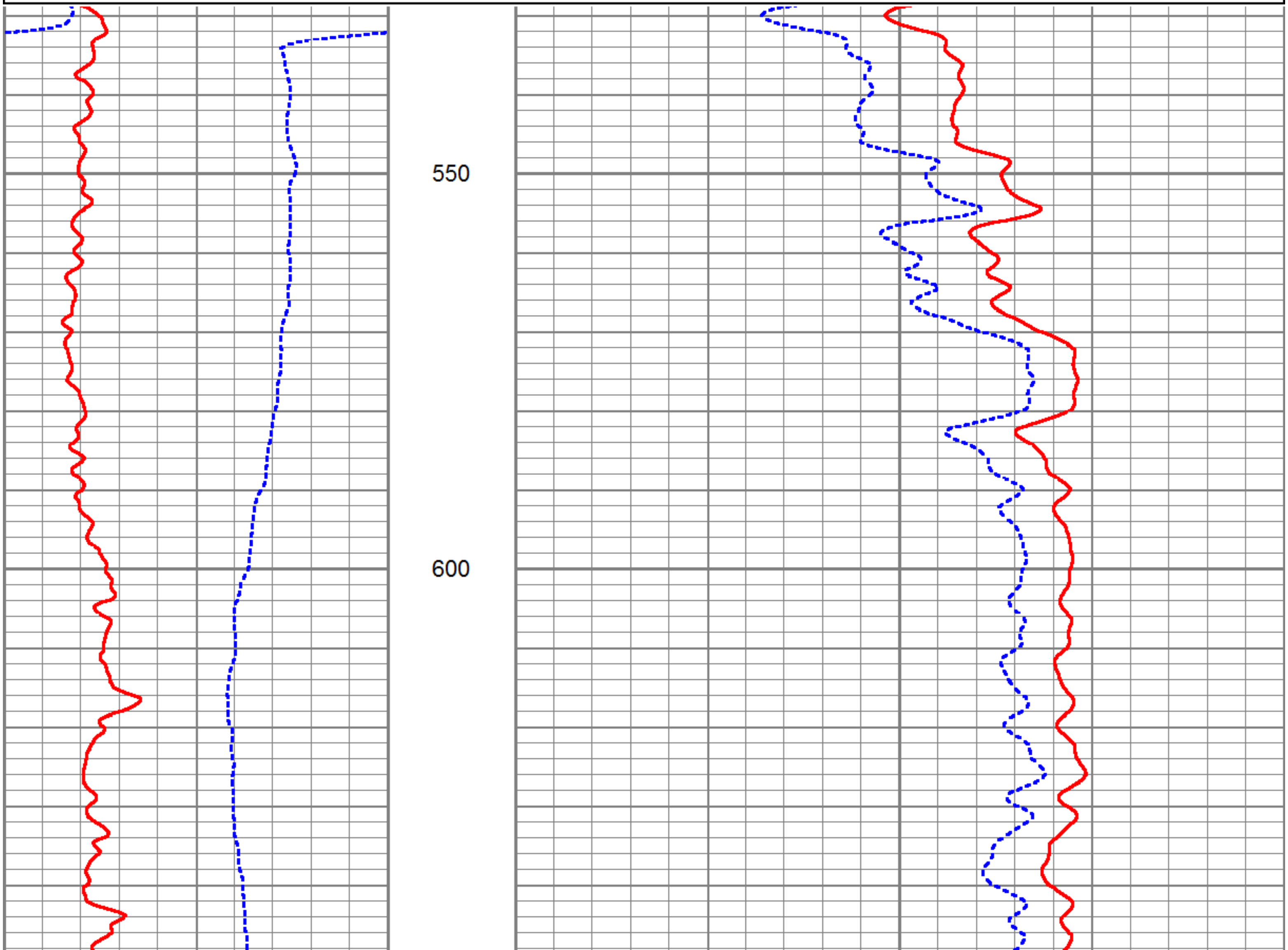
0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray (GAPI)	100	100	Sonic Porosity (DTMA=47.6) (pu)	0

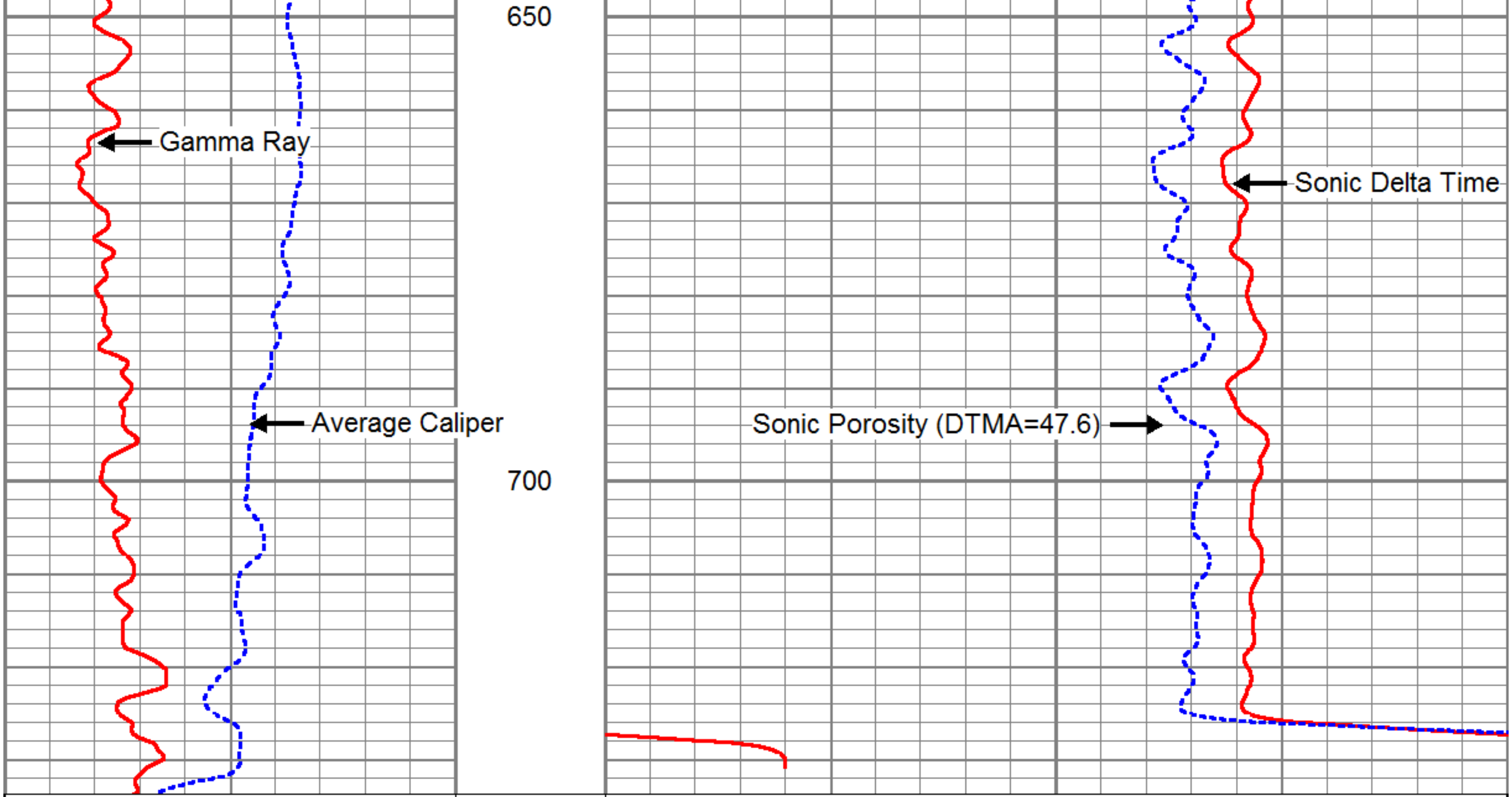
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run4/BHCPRMP
Presentation Format:	bhc_por
Dataset Creation:	Tue Sep 13 10:40:50 2011 by Log Open-Cased 100827
Charted by:	Depth in Feet scaled 1:240

0	Average Caliper (in)	20	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray (GAPI)	100	100	Sonic Porosity (DTMA=47.6) (pu)	0





0	Average Caliper (in)	20
0	Gamma Ray (GAPI)	100

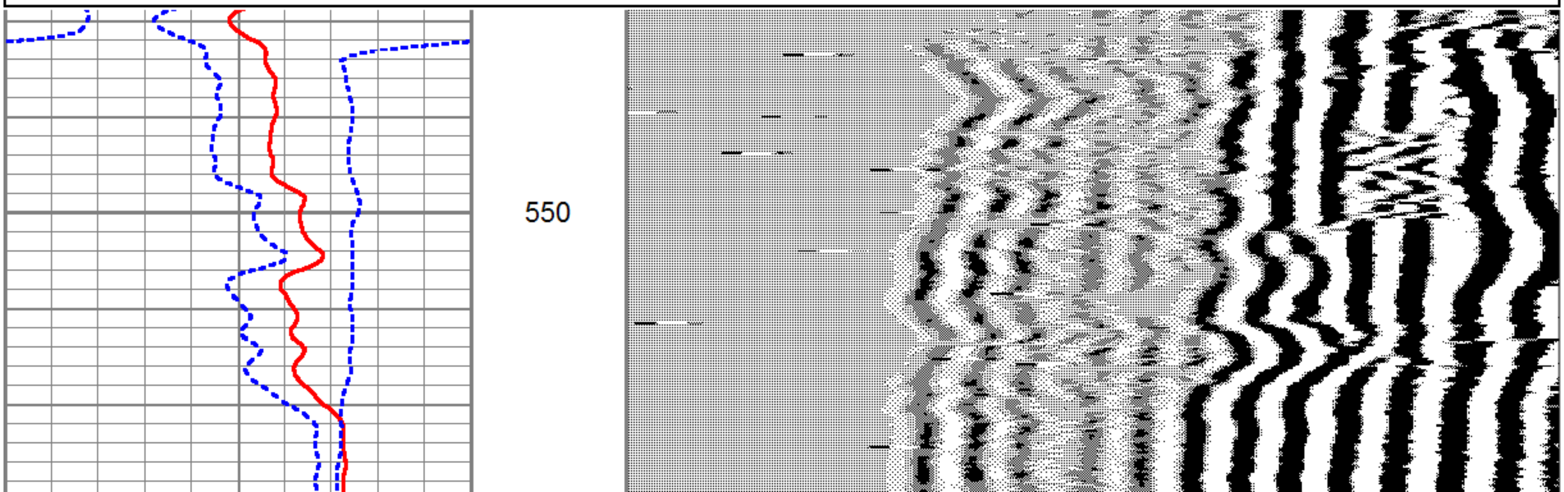
240	DT (usec/ft) (usec/ft)	40
100	Sonic Porosity (DTMA=47.6) (pu)	0

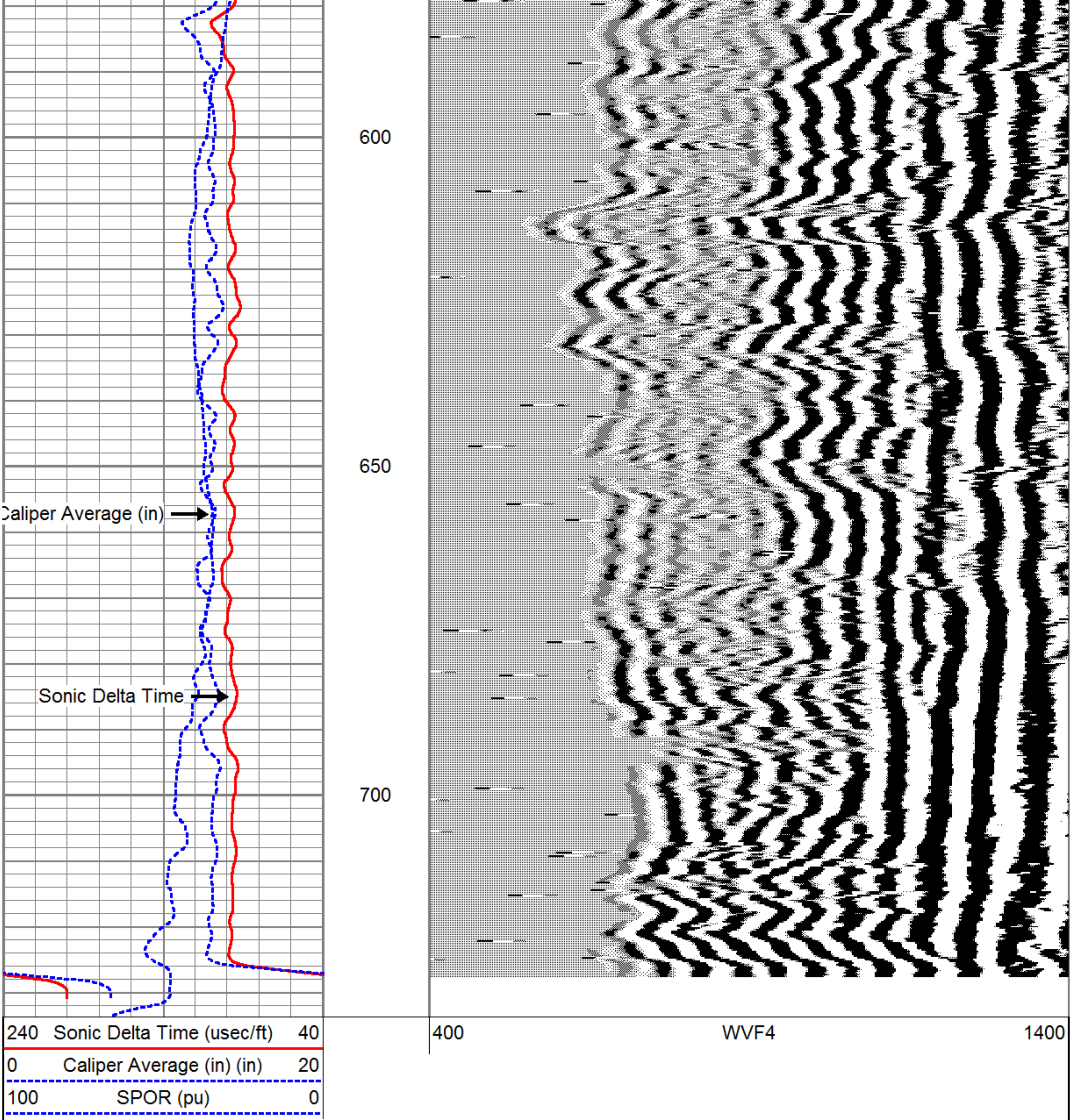
MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run4/BHCPRMP
Presentation Format:	bhc
Dataset Creation:	Tue Sep 13 10:40:50 2011 by Log Open-Cased 100827
Charted by:	Depth in Feet scaled 1:240

240	Sonic Delta Time (usec/ft)	40
0	Caliper Average (in) (in)	20
100	SPOR (pu)	0

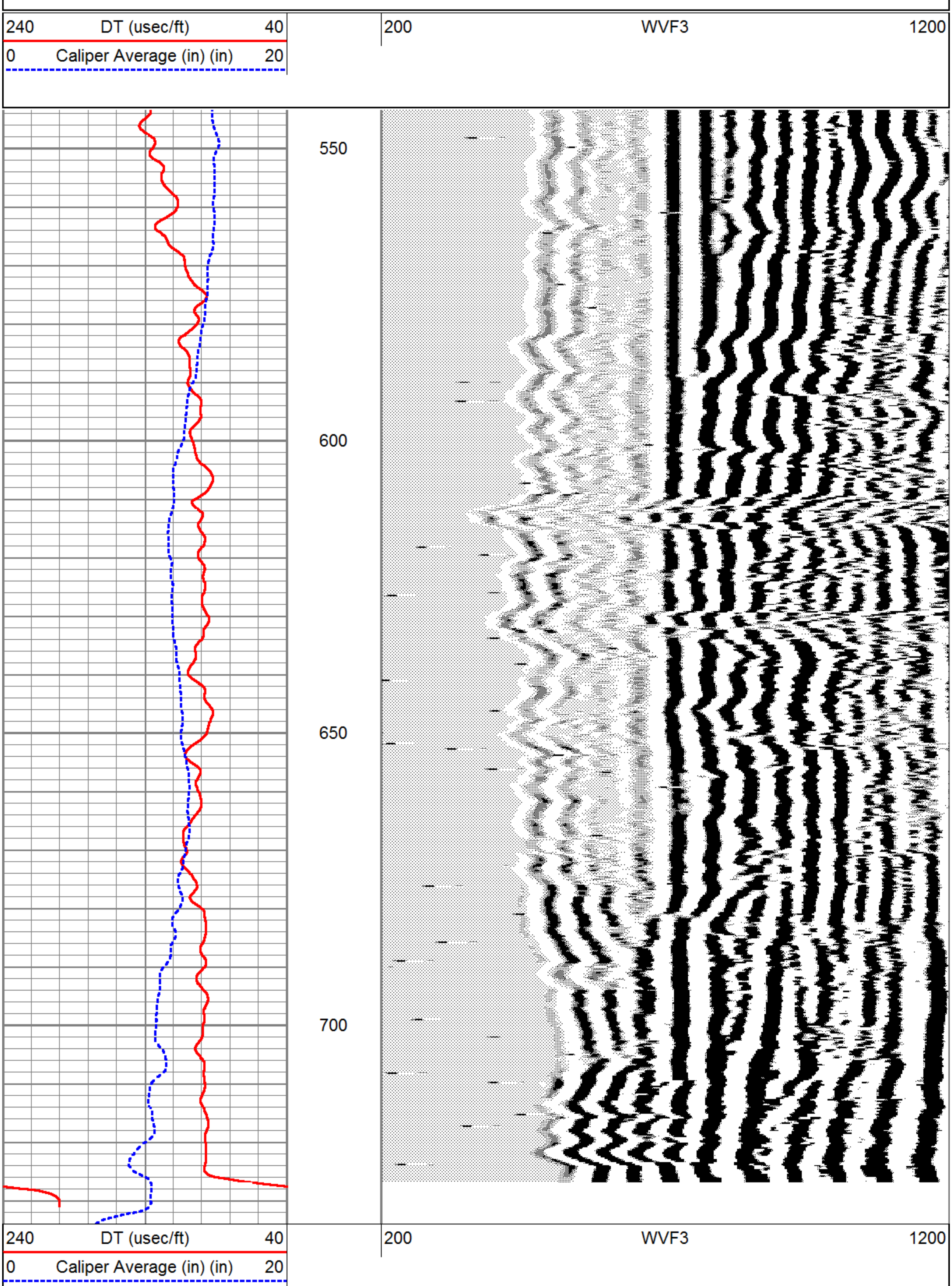
400	WVF4	1400



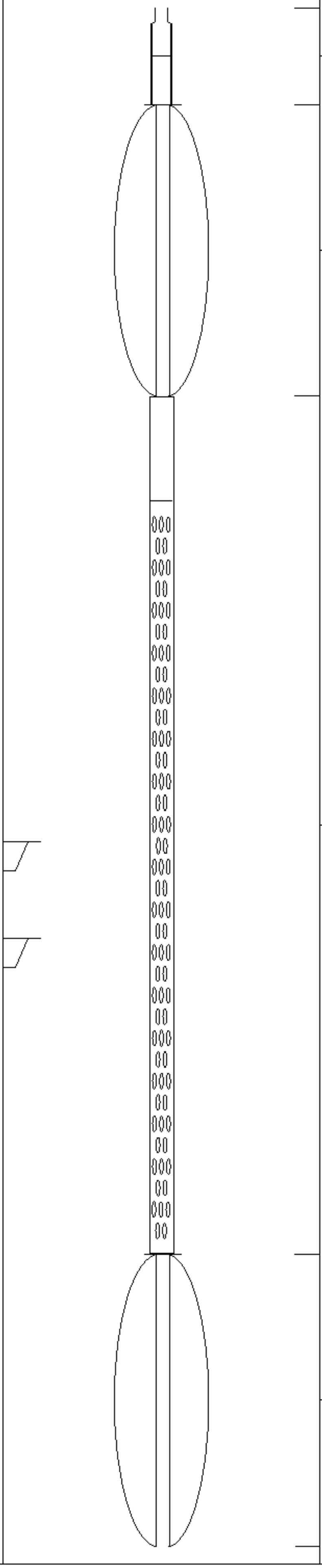


REPEAT PASS

Database File: kisspof28.db
Dataset Pathname: run4/BHCPRBRP
Presentation Format: bhc
Dataset Creation: Tue Sep 13 10:31:50 2011 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:240



240 DT (usec/ft) 40
0 Caliper Average (in) (in) 20
200 WVF3 1200
550
600
650
700
240 DT (usec/ft) 40
0 Caliper Average (in) (in) 20
200 WVF3 1200

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CBLINLINE	3.00	1.50	10.00
WVF1 WVF2 WVF3 WVF4	7.25 7.25 6.25 6.25		SLT2Probe-Probe275(Probe) (1)	8.83	2.75	100.00
			CBLINLINE	3.00	1.50	10.00

Dataset: kisspof28.db: field/well/run4/BHCPRMP

Total Length:	15.83 ft
Total Weight:	125.00 lb
O.D.	2.75 in

DUAL INDUCTION LL3/SP LOG

ALLWEBBS ENTERPRISES, INC.

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	12-SEPT-2011		
Run Number	FOUR		
Depth Driller	750'		
Depth Logger	742'		
Bottom Logged Interval	742'		
Top Log Interval	CASING		
Open Hole Size	23"	10.625"	
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'				
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				
FOUR	10.625"	530'	750'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String				
Liner				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

XYC/GR
BHC/VDL

ALLWEBBS

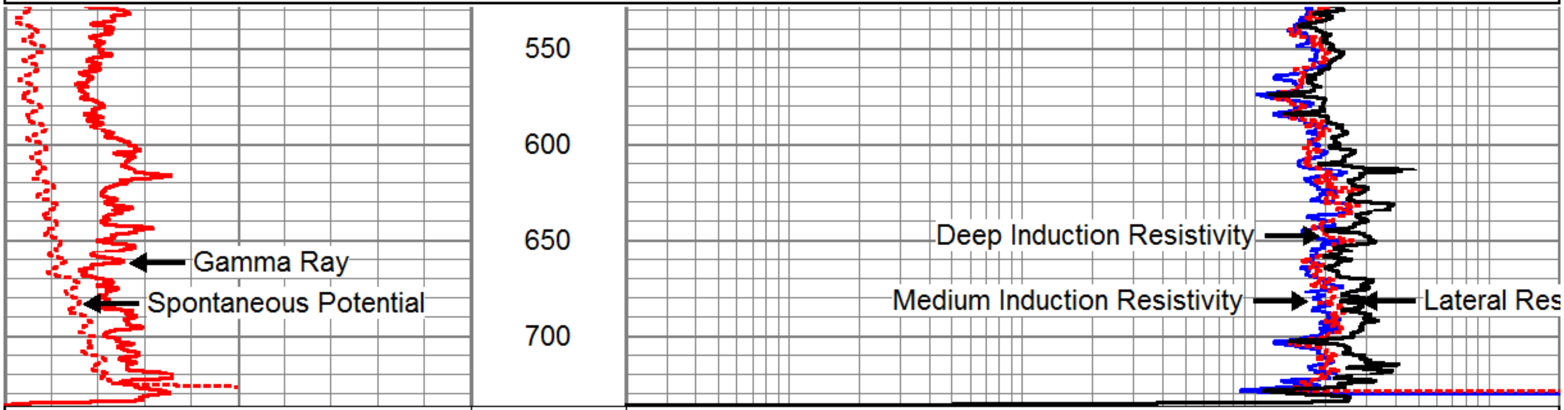
MAIN PASS

ENTERPRISES, INC.

Database File: kisspof28.db
Dataset Pathname: run4/DILMP
Presentation Format: dil
Dataset Creation: Mon Sep 12 11:31:09 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:1200

0 Gamma Ray (GAPI) 100
Spontaneous Potential
-100 (mV) 100

0.2 Medium Induction Resistivity (Ohm-m) 2000
0.2 Deep Induction Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



0 Gamma Ray (GAPI) 100
Spontaneous Potential
-100 (mV) 100

0.2 Medium Induction Resistivity (Ohm-m) 2000
0.2 Deep Induction Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

ALLWEBBS ENTERPRISES, INC.

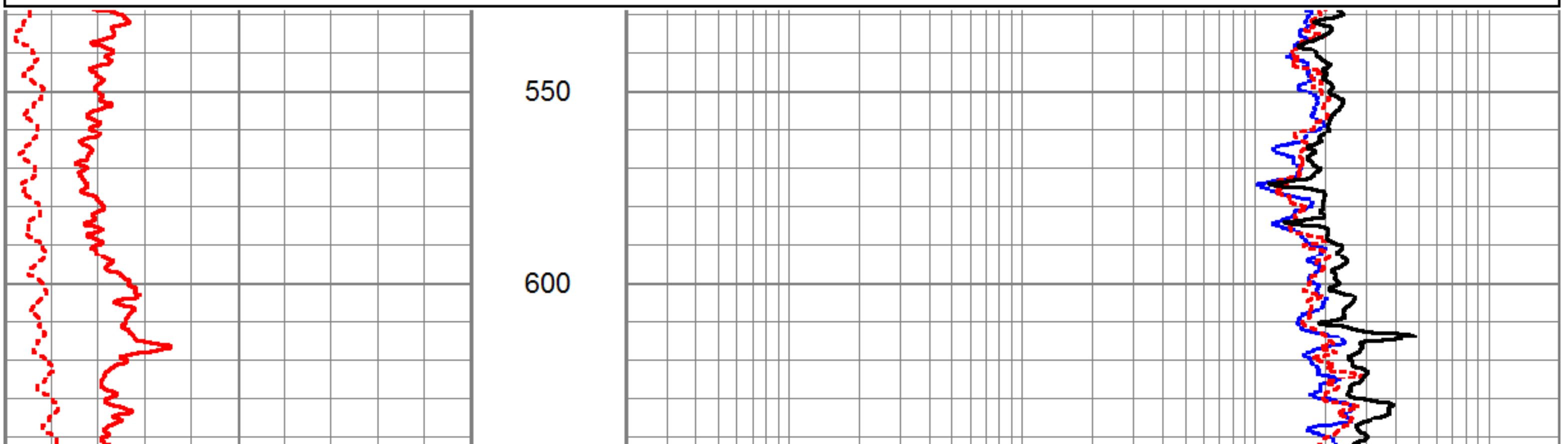
MAIN PASS

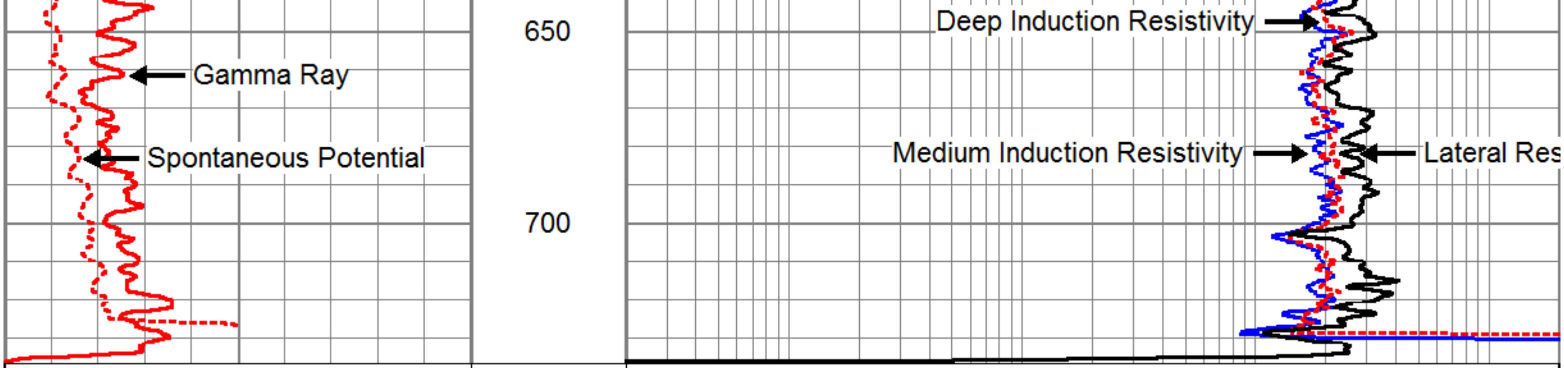
Database File: kisspof28.db
Dataset Pathname: run4/DILMP
Presentation Format: dil
Dataset Creation: Mon Sep 12 11:31:09 2011 by Log Open-Cased 071220

Charted by: Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 100
Spontaneous Potential
-100 (mV) 100

0.2 Medium Induction Resistivity (Ohm-m) 2000
0.2 Deep Induction Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000





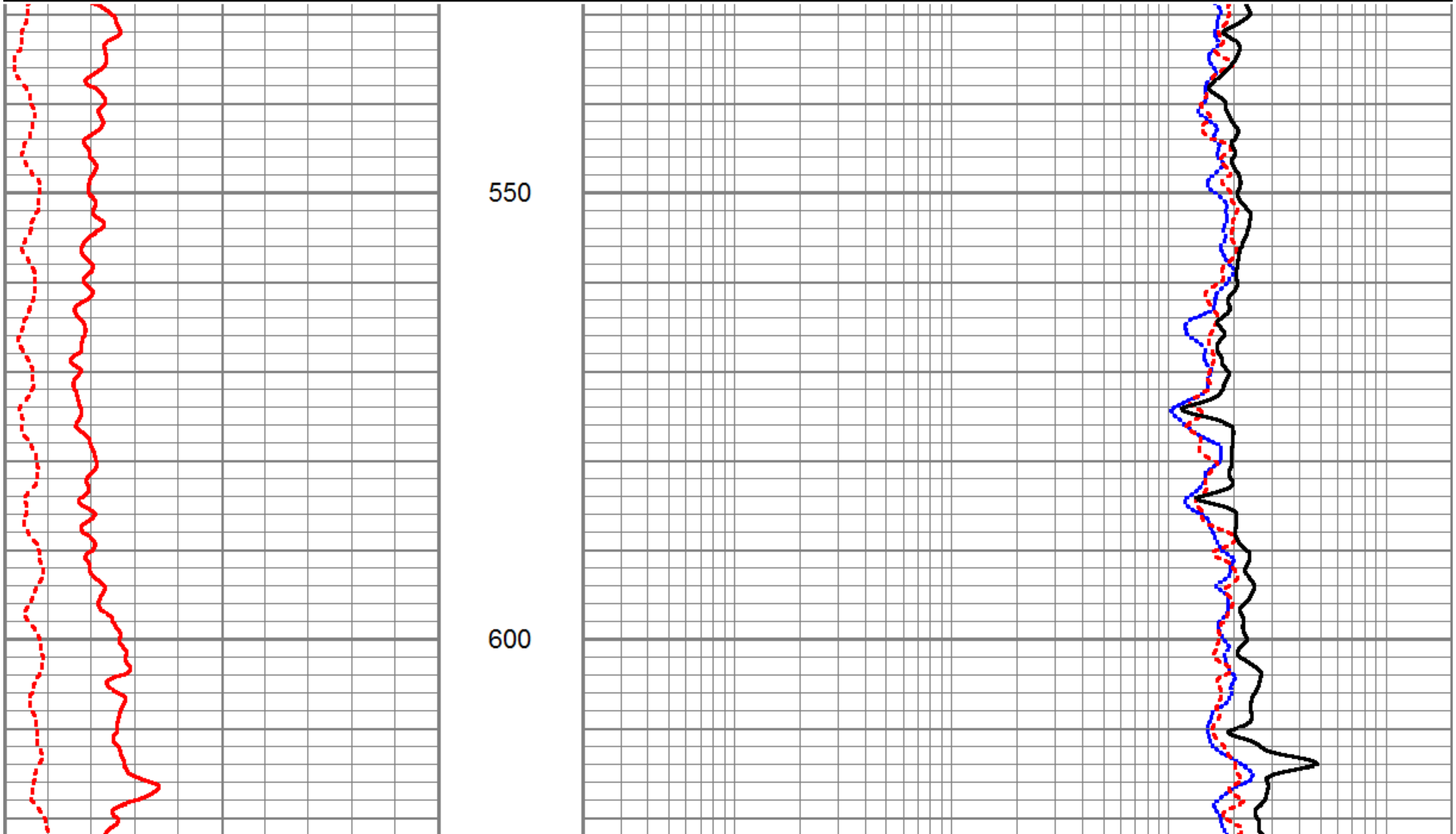
0	Gamma Ray (GAPI)	100		0.2	Medium Induction Resistivity (Ohm-m)	2000
	Spontaneous Potential			0.2	Deep Induction Resistivity (Ohm-m)	2000
-100	(mV)	100		0.2	Shallow Resistivity (Ohm-m)	2000

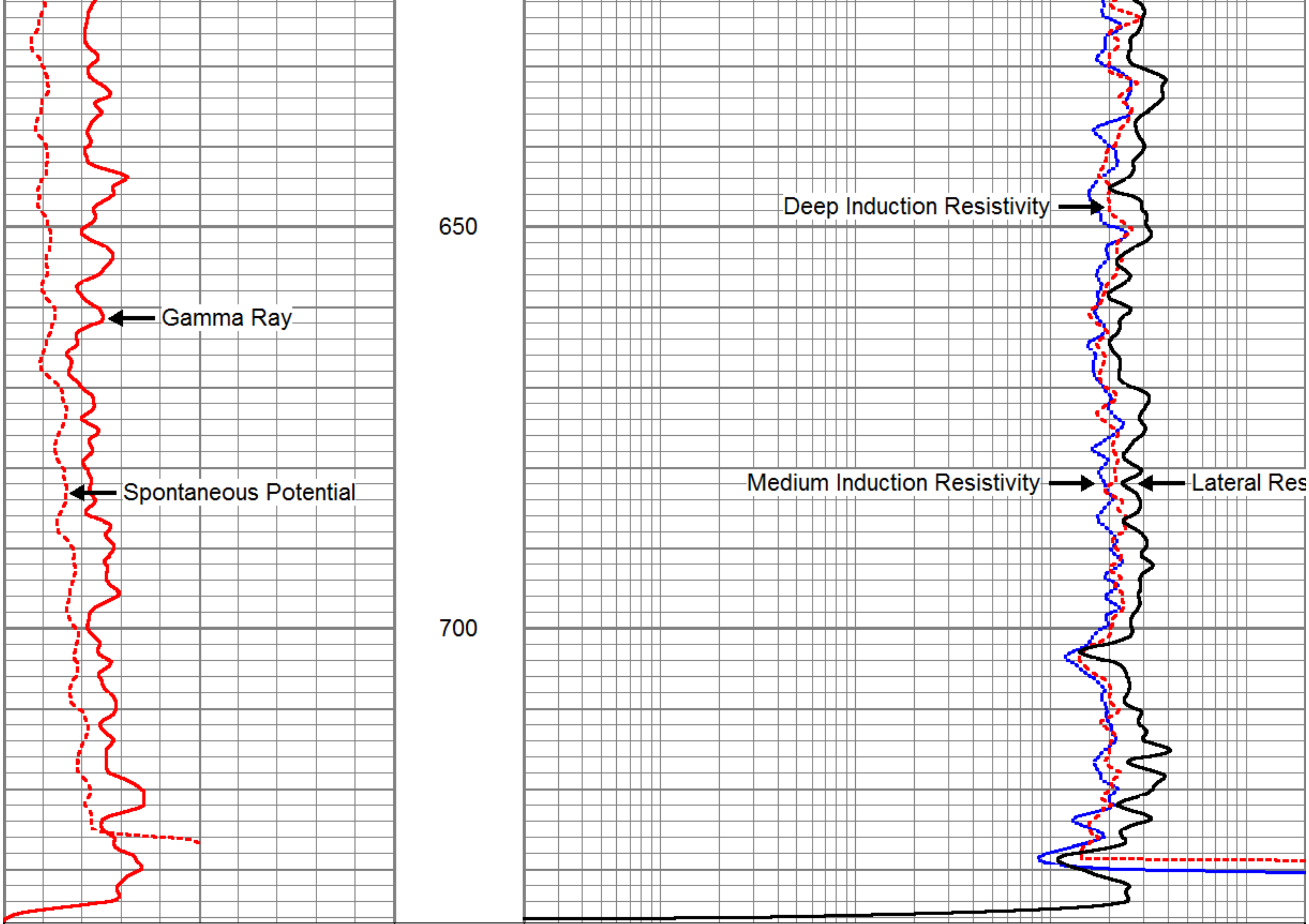
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof28.db
Dataset Pathname: run4/DILMP
Presentation Format: dil
Dataset Creation: Mon Sep 12 11:31:09 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100		0.2	Medium Induction Resistivity (Ohm-m)	2000
	Spontaneous Potential			0.2	Deep Induction Resistivity (Ohm-m)	2000
-100	(mV)	100		0.2	Shallow Resistivity (Ohm-m)	2000



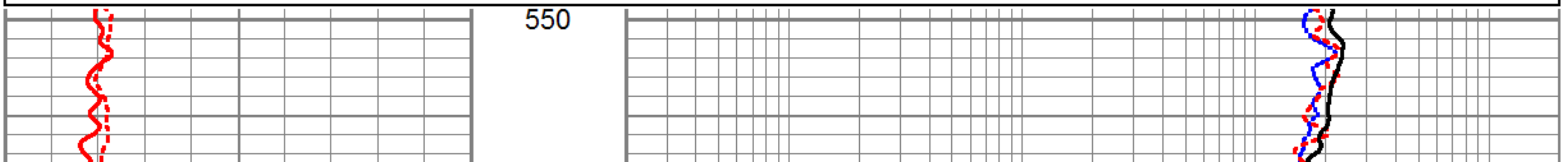


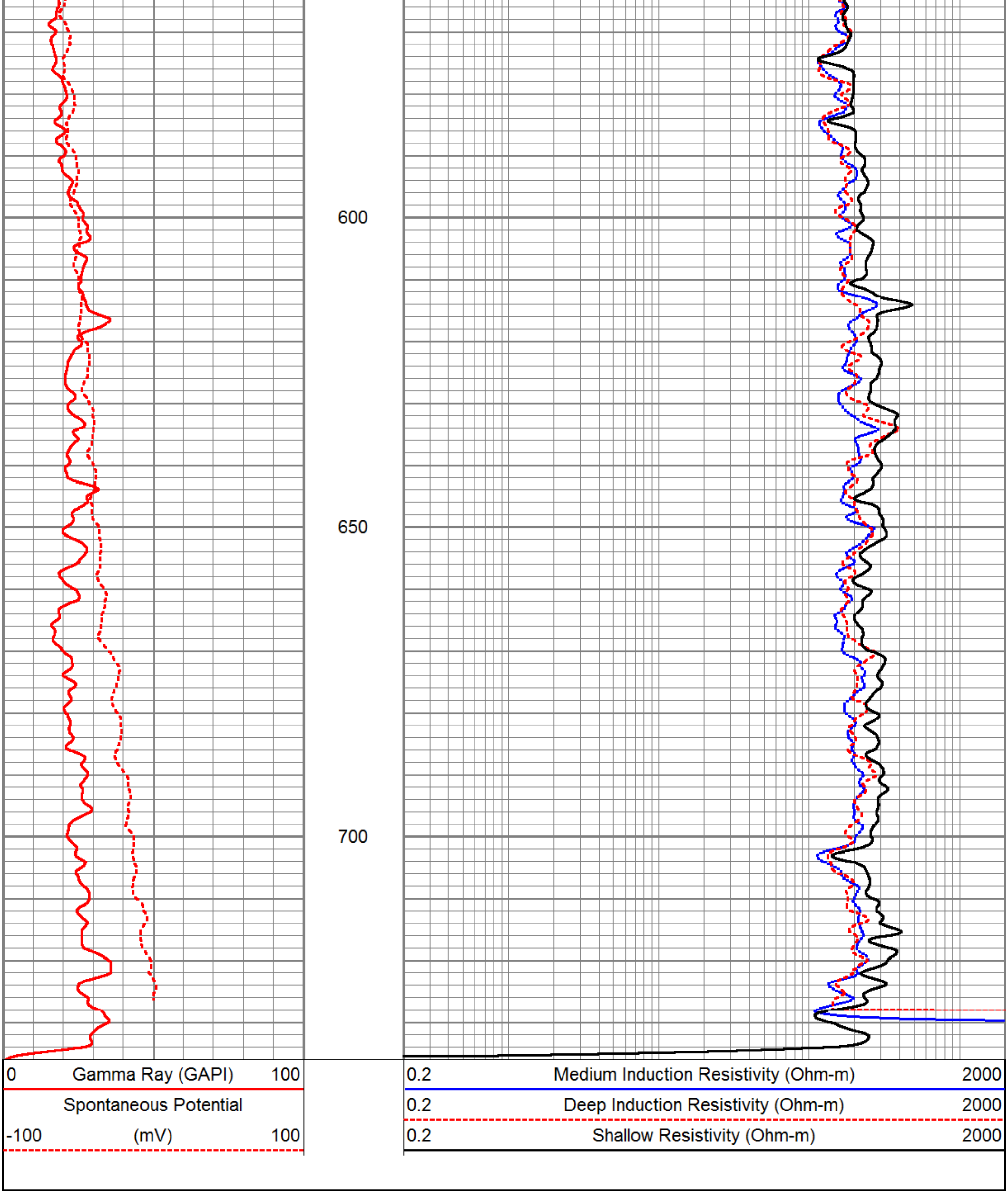
0	Gamma Ray (GAPI)	100		0.2	Medium Induction Resistivity (Ohm-m)	2000
	Spontaneous Potential			0.2	Deep Induction Resistivity (Ohm-m)	2000
-100	(mV)	100		0.2	Shallow Resistivity (Ohm-m)	2000

REPEAT PASS

Database File: kisspof28.db
Dataset Pathname: run4/DILRP
Presentation Format: dil
Dataset Creation: Mon Sep 12 11:20:04 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100		0.2	Medium Induction Resistivity (Ohm-m)	2000
	Spontaneous Potential			0.2	Deep Induction Resistivity (Ohm-m)	2000
-100	(mV)	100		0.2	Shallow Resistivity (Ohm-m)	2000





Calibration Report

Database File:	kisspof28.db
Dataset Pathname:	run4/DILMP
Dataset Creation:	Mon Sep 12 11:31:09 2011 by Log Open-Cased 071220

Dual Induction Calibration Report

Serial-Model:	DIL2-GEAR
Surface Cal Performed:	Mon Sep 12 11:25:07 2011
Downhole Cal Performed:	Mon Sep 12 10:43:48 2011
After Survey Verification Performed:	Mon Sep 12 10:43:48 2011

Surface Calibration

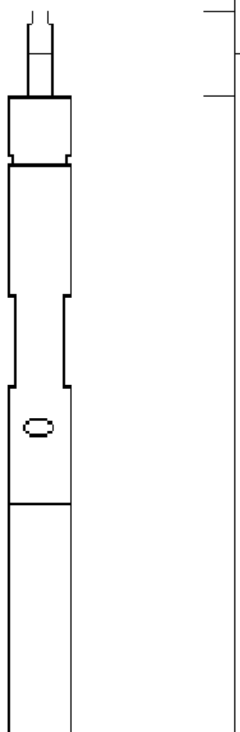
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.010	0.610	V	0.000	400.000	mmho-m	645.369	6.325
Medium	-0.008	0.784	V	0.000	465.000	mmho-m	587.344	4.523
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.634	V	0.000	400.000	mmho-m	638.522	-4.751
Medium	0.004	0.743	V	0.000	465.000	mmho-m	629.321	-2.789

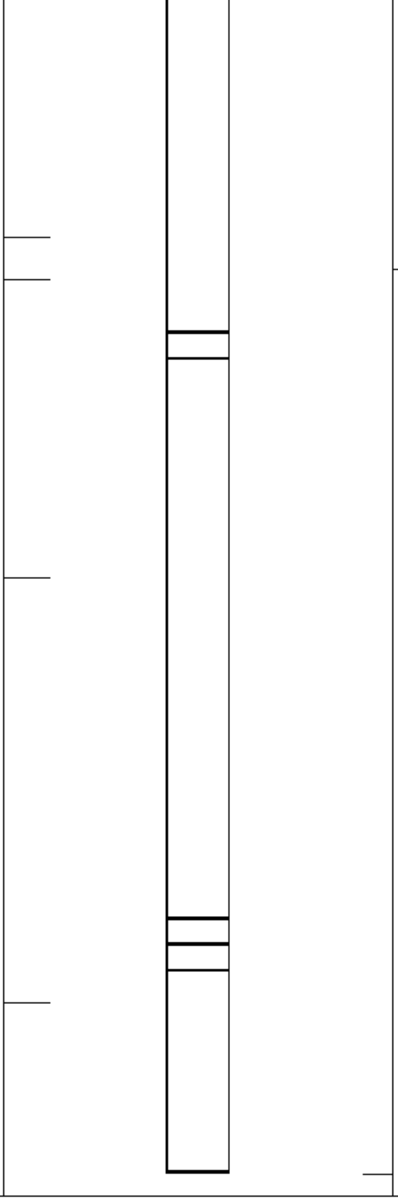
Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-14.085	384.408	mmho-m	-13.756	383.831	mmho-m	0.998	0.297
Medium	-81.355	428.371	mmho-m	-87.637	420.766	mmho-m	0.997	-6.494
Shallow	2.501	0.011	V	500.000	2.000	Ohm-m	199.948	-0.156

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho-m	-14.085	384.408	mmho-m	0.998	0.297
Medium	0.000	0.000	mmho-m	-81.355	428.371	mmho-m	0.997	-6.494
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00

SP	11.00		DIL-GEAR (DIL2) GO_DIL/LL3/SP	21.25	3.50	150.00
CILD	10.50					
CILM	7.00					
RLL3	2.00					

Dataset: kisspof28.db: field/well/run4/DILMP
Total Length: 22.25 ft
Total Weight: 155.00 lb
O.D. 3.50 in

X-Y CALIPER
GAMMA RAY
LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	12-SEPT-2011		
Run Number	FOUR		
Depth Driller	750'		
Depth Logger	742'		
Bottom Logged Interval	742'		
Top Log Interval	CASING		
Open Hole Size	23"	10.625"	
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'				
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				
FOUR	10.625"	530'	750'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String				
Liner				

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Comments

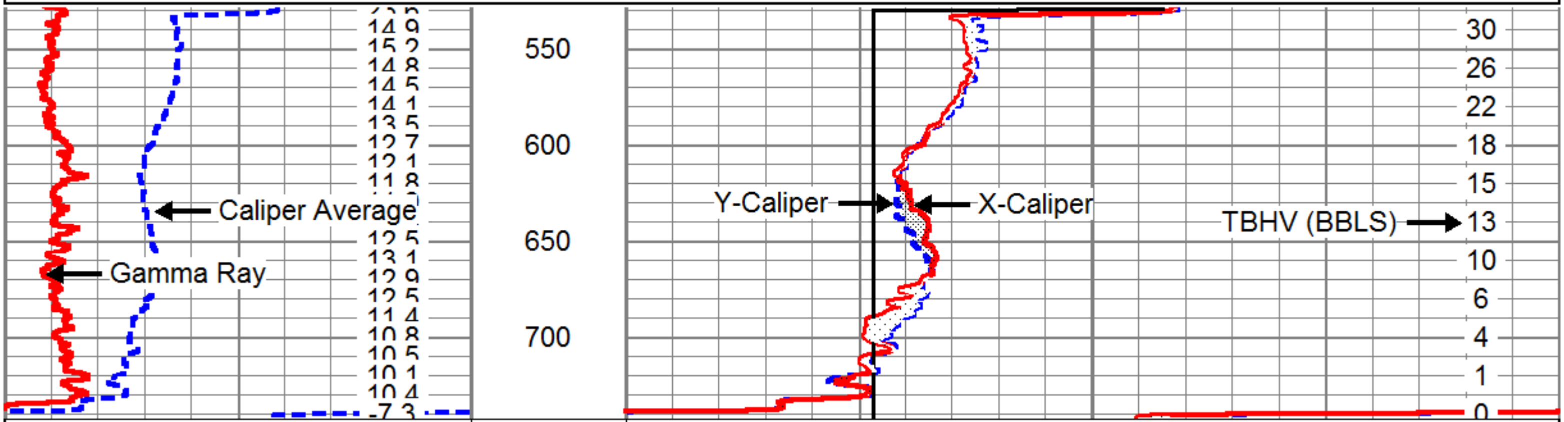
DIL/RES/SP
BHC/VDL

MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof28.db
Dataset Pathname:	run4/XYCMP1
Presentation Format:	xyc
Dataset Creation:	Mon Sep 12 10:09:24 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

0 Caliper Average (in) 40		0 Y-Caliper (in) 40
0 GR (GAPI) 200		0 X-Caliper (in) 40
CALA (in)		0 Borehole ID (in) 40
		TBHV (bbl)



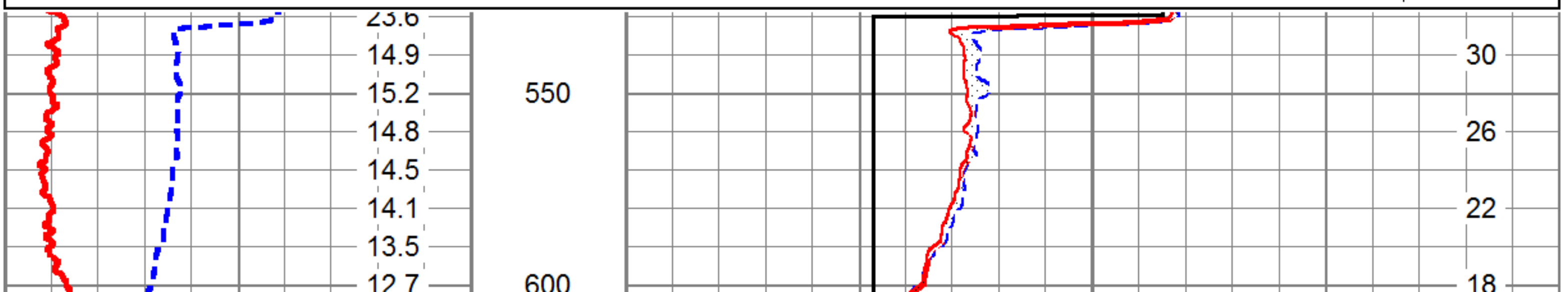
0 Caliper Average (in) 40		0 Y-Caliper (in) 40
0 GR (GAPI) 200		0 X-Caliper (in) 40
CALA (in)		0 Borehole ID (in) 40
		TBHV (bbl)

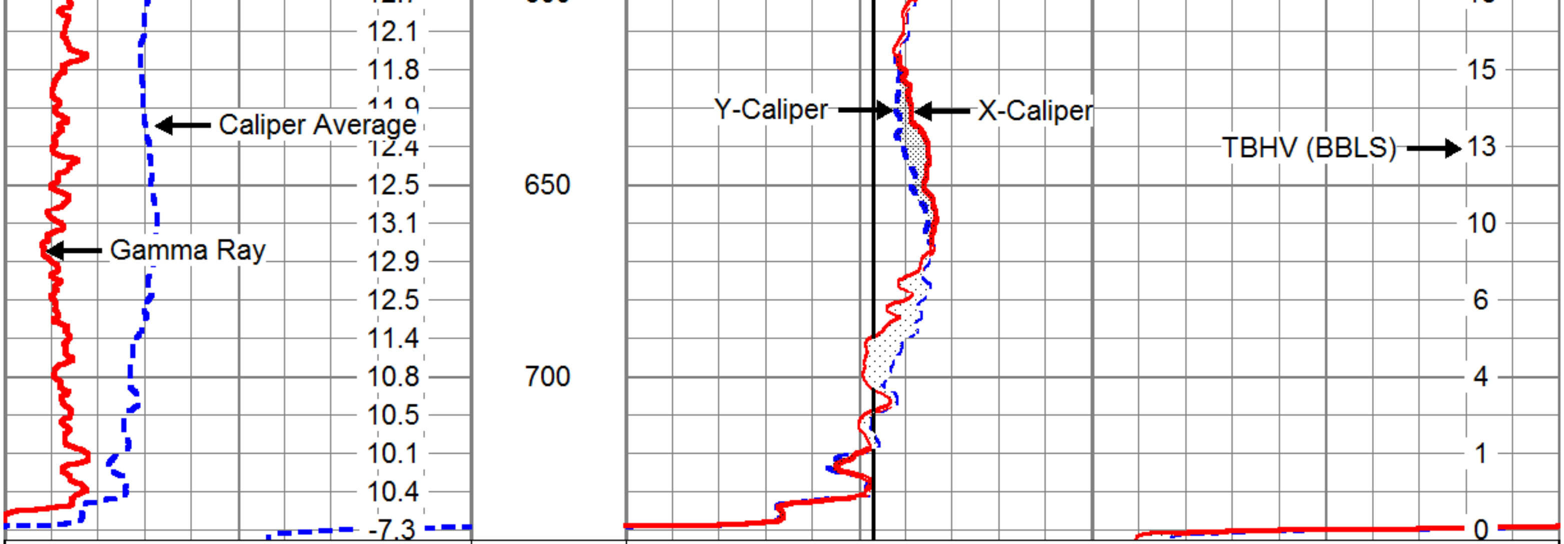
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run4/XYCMP1
Presentation Format:	xyc
Dataset Creation:	Mon Sep 12 10:09:24 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:600

0 Caliper Average (in) 40		0 Y-Caliper (in) 40
0 GR (GAPI) 200		0 X-Caliper (in) 40
CALA (in)		0 Borehole ID (in) 40
		TBHV (bbl)



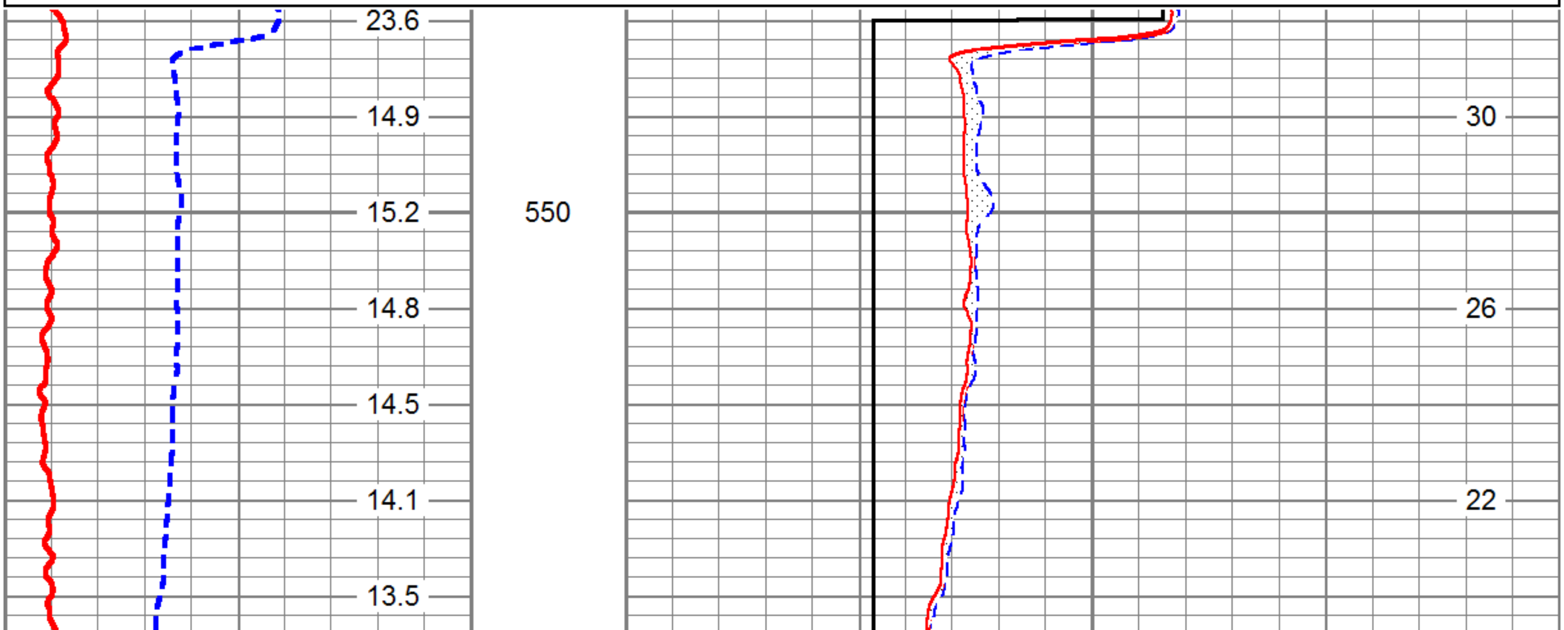


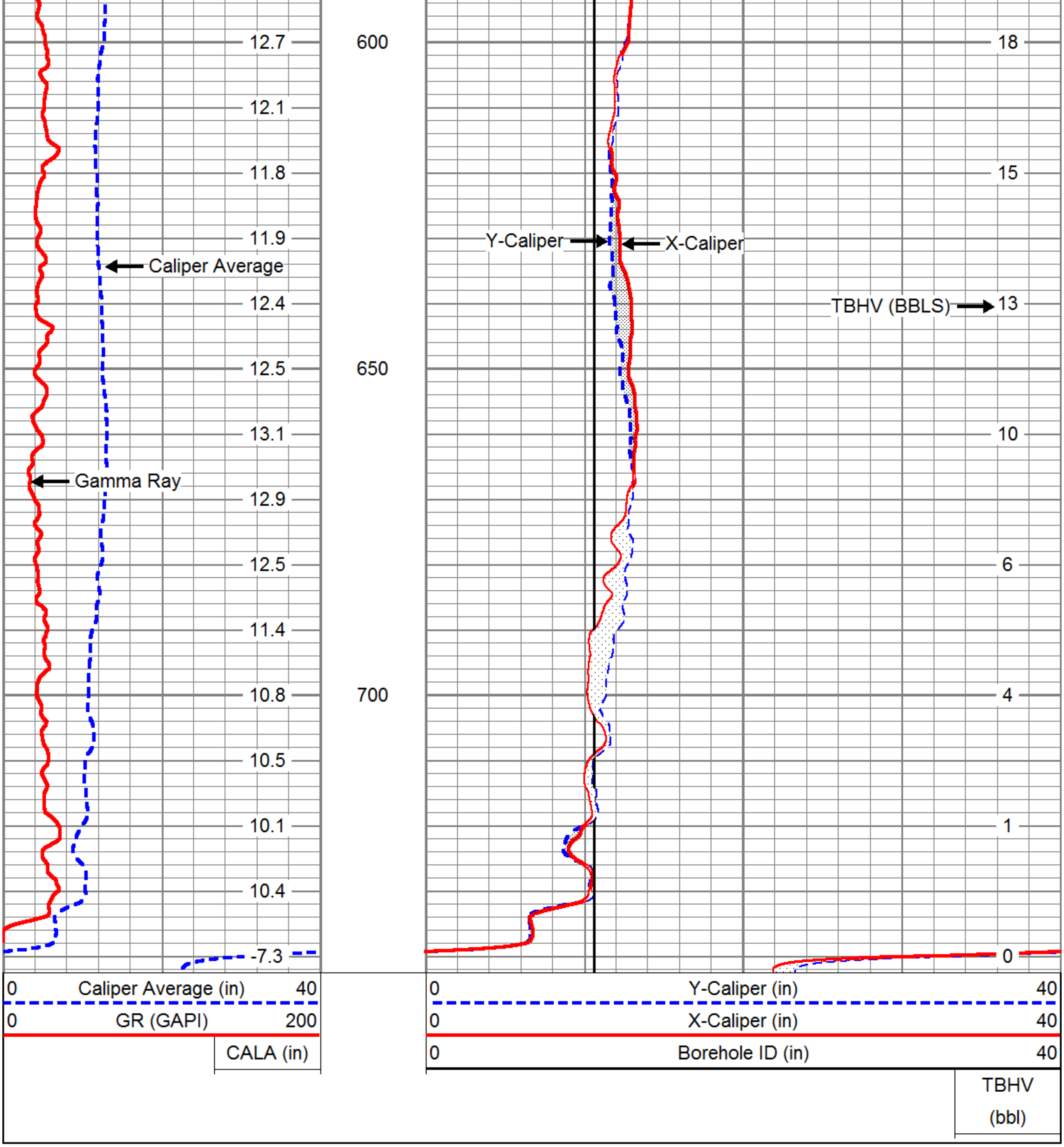
0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 GR (GAPI) 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (bbl)

MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run4/XYCMP1
Presentation Format:	xyc
Dataset Creation:	Mon Sep 12 10:09:24 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

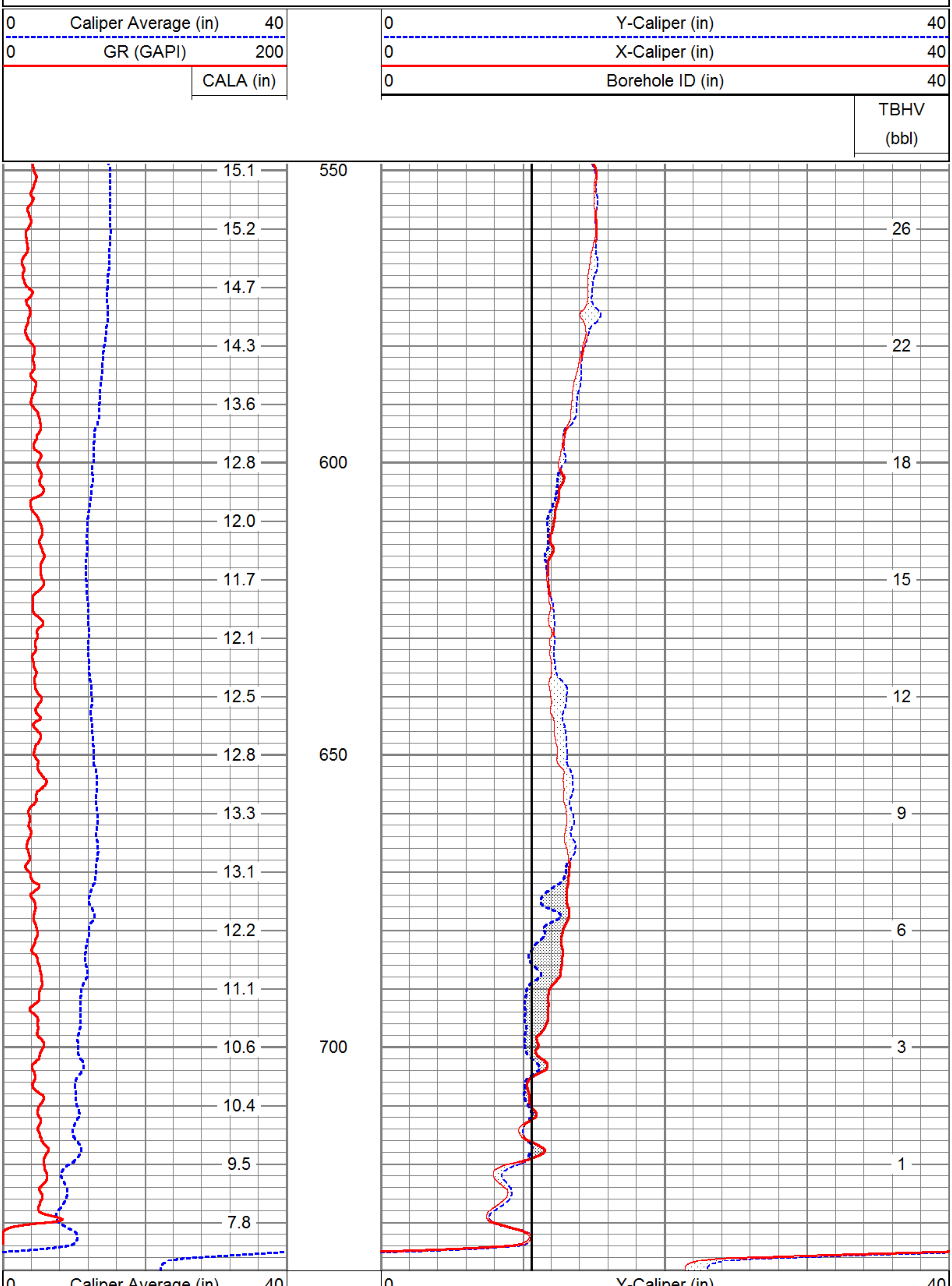
0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 GR (GAPI) 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (bbl)





REPEAT PASS

Database File:	kisspof28.db
Dataset Pathname:	run4/XYCRP1
Presentation Format:	xyc
Dataset Creation:	Mon Sep 12 10:07:33 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240


0 Caliper Average (in) 40
0 GR (GAPI) 200
CALA (in)
0 Y-Caliper (in) 40
0 X-Caliper (in) 40
0 Borehole ID (in) 40
TBHV (bbl)
15.1
15.2
14.7
14.3
13.6
12.8
12.0
11.7
12.1
12.5
12.8
13.3
13.1
12.2
11.1
10.6
10.4
9.5
7.8
550
600
650
700
26
22
18
15
12
9
6
3
1
0 Caliper Average (in) 40
0 Y-Caliper (in) 40

0	Caliper Average (in)	40	0	Y-Caliper (in)	40
0	GR (GAPI)	200	0	X-Caliper (in)	40
	CALA (in)		0	Borehole ID (in)	40
				TBHV (bbl)	

Calibration Report

Database File: kisspof28.db
Dataset Pathname: run4/XYCMP1
Dataset Creation: Mon Sep 12 10:09:24 2011 by Calc Open-Cased 071220

XY Caliper Calibration Report

Serial Number/Model: SDSDEMO-XY
Performed: Mon Sep 12 09:01:28 2011

Ring			X Caliper		Y Caliper	
1:	5.875	in	353.73	cps	335.351	cps
2:	23.25	in	610	cps	592	cps
3:	39	in	914.783	cps	902.826	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

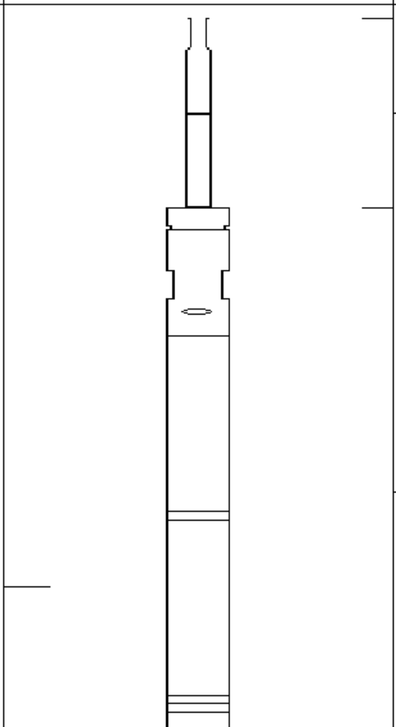
Gamma Ray Calibration Report

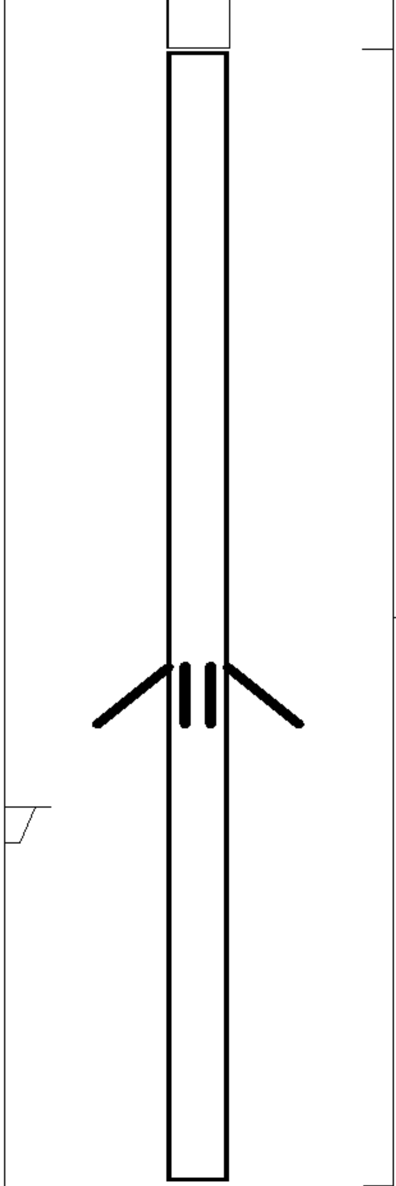
Serial Number: SDS
Tool Model: SDSGR
Performed: Mon Aug 15 19:56:40 2011

Calibrator Value: 120.0 GAPI

Background Reading: 117.8 cps
Calibrator Reading: 585.1 cps

Sensitivity: 0.2568 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			GR-SDSGR (SDS) GR for Testing	3.00	1.69	20.00
GR	7.00					

XCAL YCAL	2.00 2.00		XYC-XY (SDSDEMO) LGL_XYC_MM	6.00	3.50	100.00

Dataset:	kisspof28.db: field/well/run4/XYCMP1
Total Length:	10.00 ft
Total Weight:	125.00 lb
O.D.	3.50 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

BOREHOLE COMPENSATED SONIC/VDL LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE
COMMENTS

Permanent Datum PAD Elevation
Log Measured From PAD
Drilling Measured From PAD

Elevation
K.B.
D.F.
G.L.

Date	17-OCT-2011
Run Number	SIX
Depth Driller	1305'
Depth Logger	1305'
Bottom Logged Interval	1305'
Top Log Interval	CASING
Open Hole Size	12.25"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	00:00
Time Logger on Bottom	00:00
Equipment Number	VA-203
Location	JUPITER
Recorded By	LEE
Witnessed By	

Borehole Record

Run Number	Bit	From	To
ONE	8"	SURFACE	350'
TWO	28"	CASING	290'
THREE	10.625"	CASING	530'
FOUR	10.625"	530'	750'

Borehole Record

Run Number	Bit	From	To
FIVE	23"	CASING	750'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner				

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Comments

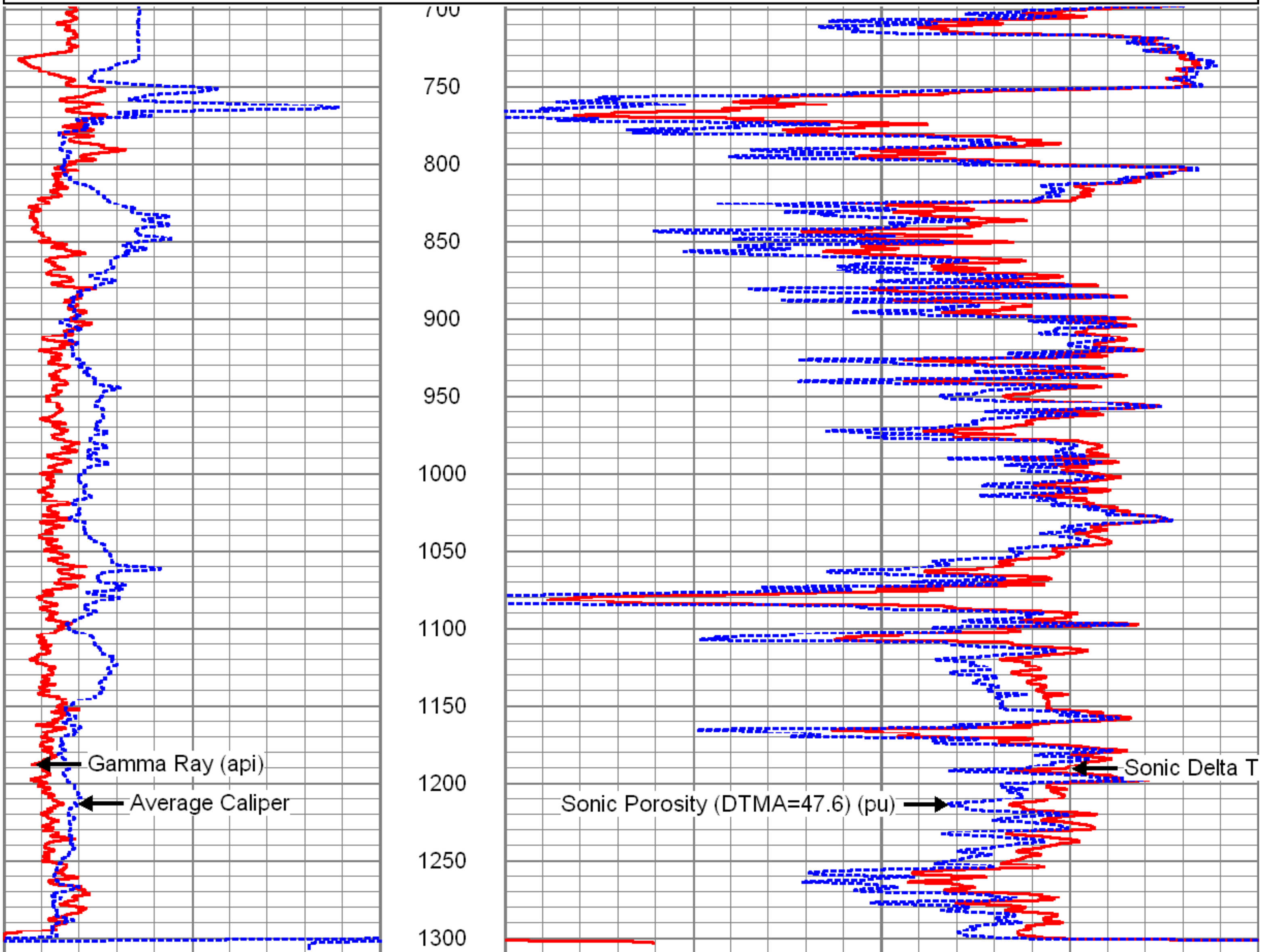
FCT
XYC/GR
DIL/LL3/SP
FLOWMETER
DHTVS

MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run6/BHCMP
Presentation Format:	bhc_por
Dataset Creation:	Tue Oct 18 03:09:05 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

0 Gamma Ray (api) (GAPI) 100
10 Average Caliper (in) 30

240 DT (usec/ft) (usec/ft) 40
100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0



0 Gamma Ray (api) (GAPI) 100
10 Average Caliper (in) 30

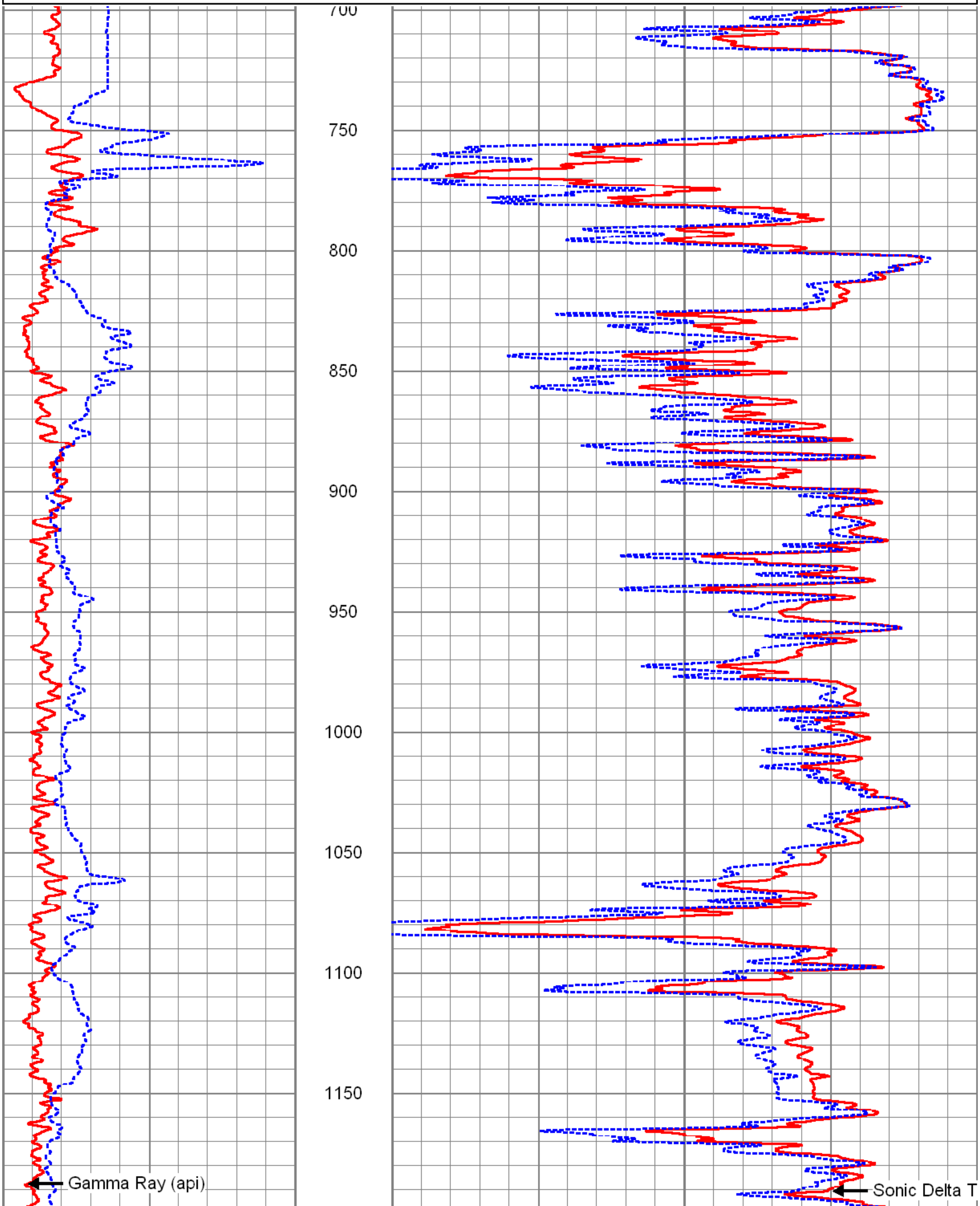
240 DT (usec/ft) (usec/ft) 40
100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

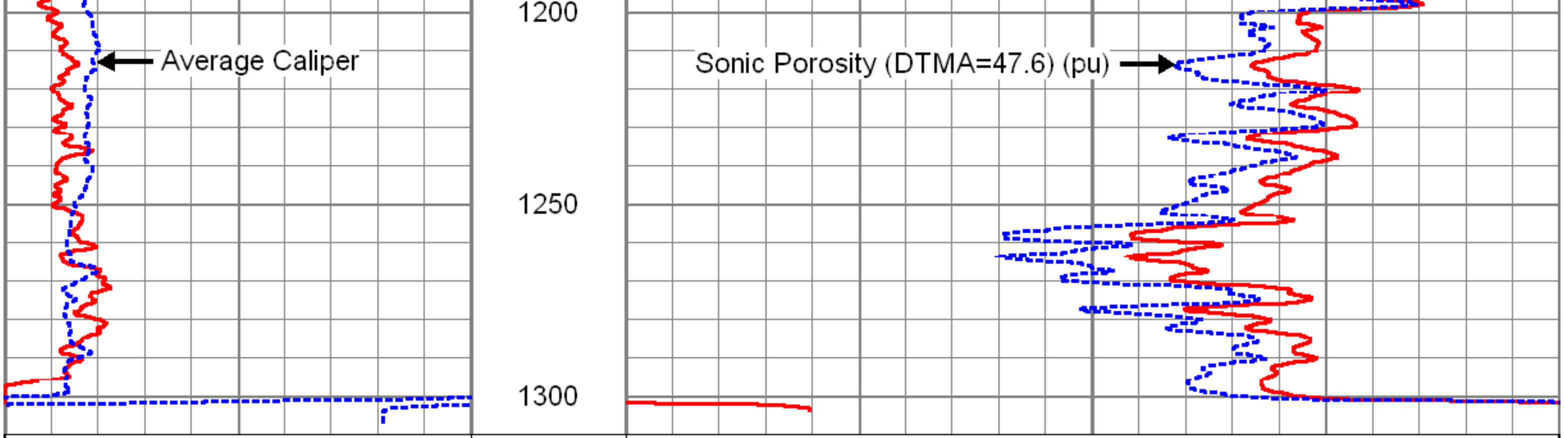
MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run6/BHCMP
Presentation Format:	bhc_por
Dataset Creation:	Tue Oct 18 03:09:05 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600

Gamma Ray (api) (GAPI)	DT (usec/ft) (usec/ft)
0 – 100	240 – 40
Average Caliper (in) 10 – 30	Sonic Porosity (DTMA=47.6) (pu) (pu) 100 – 0





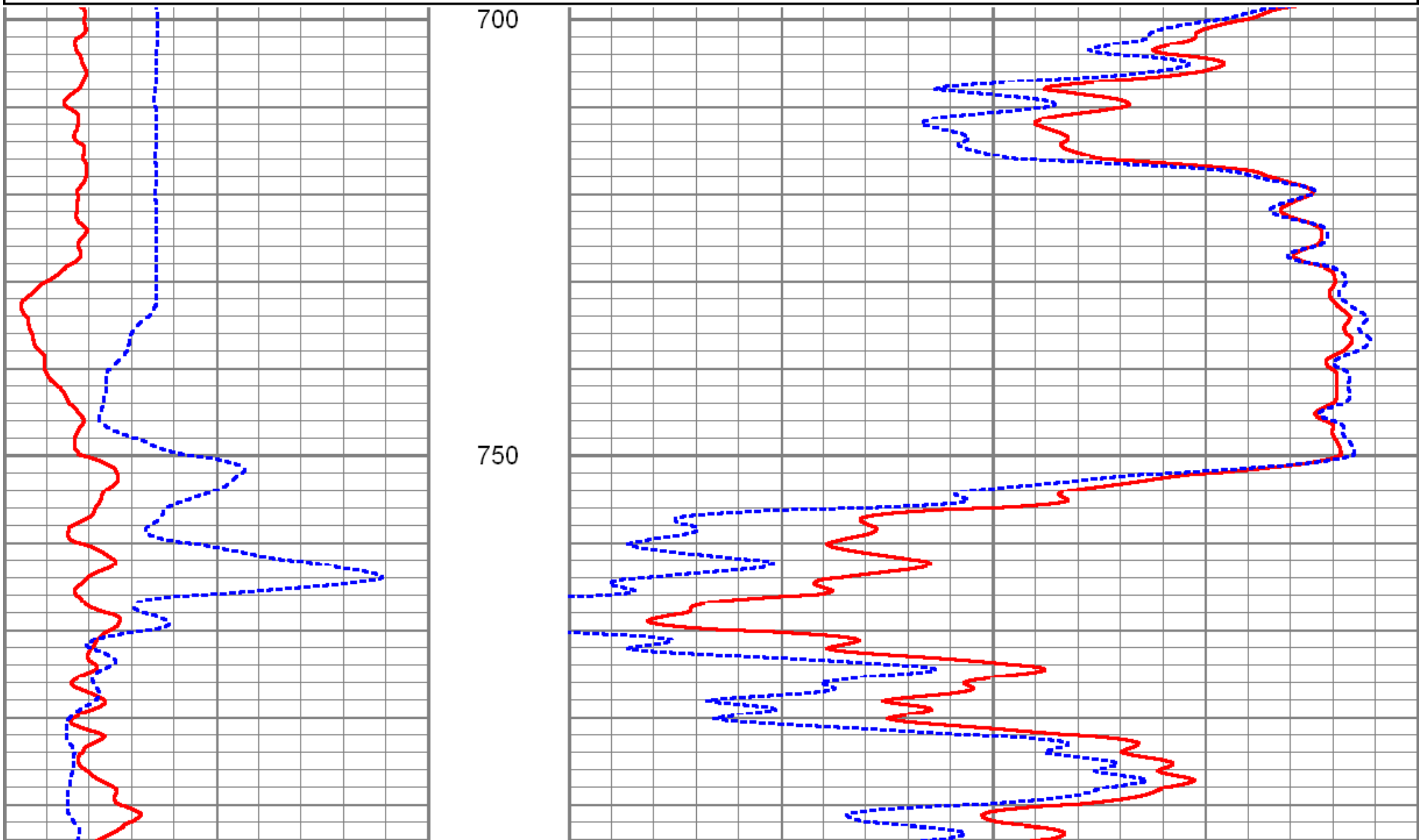
0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
10	Average Caliper (in)	30	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

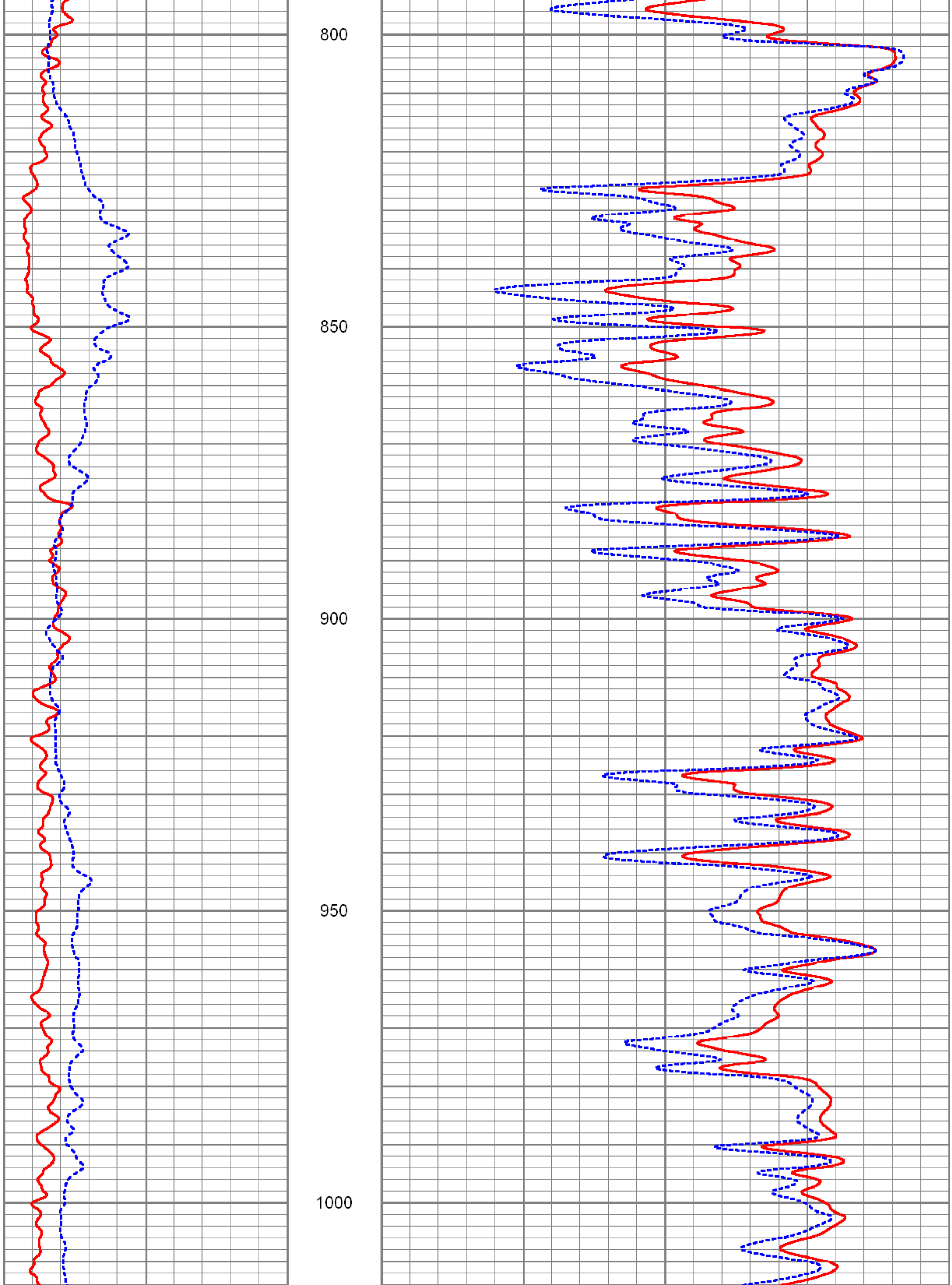
ALLWEBBS ENTERPRISES, INC.

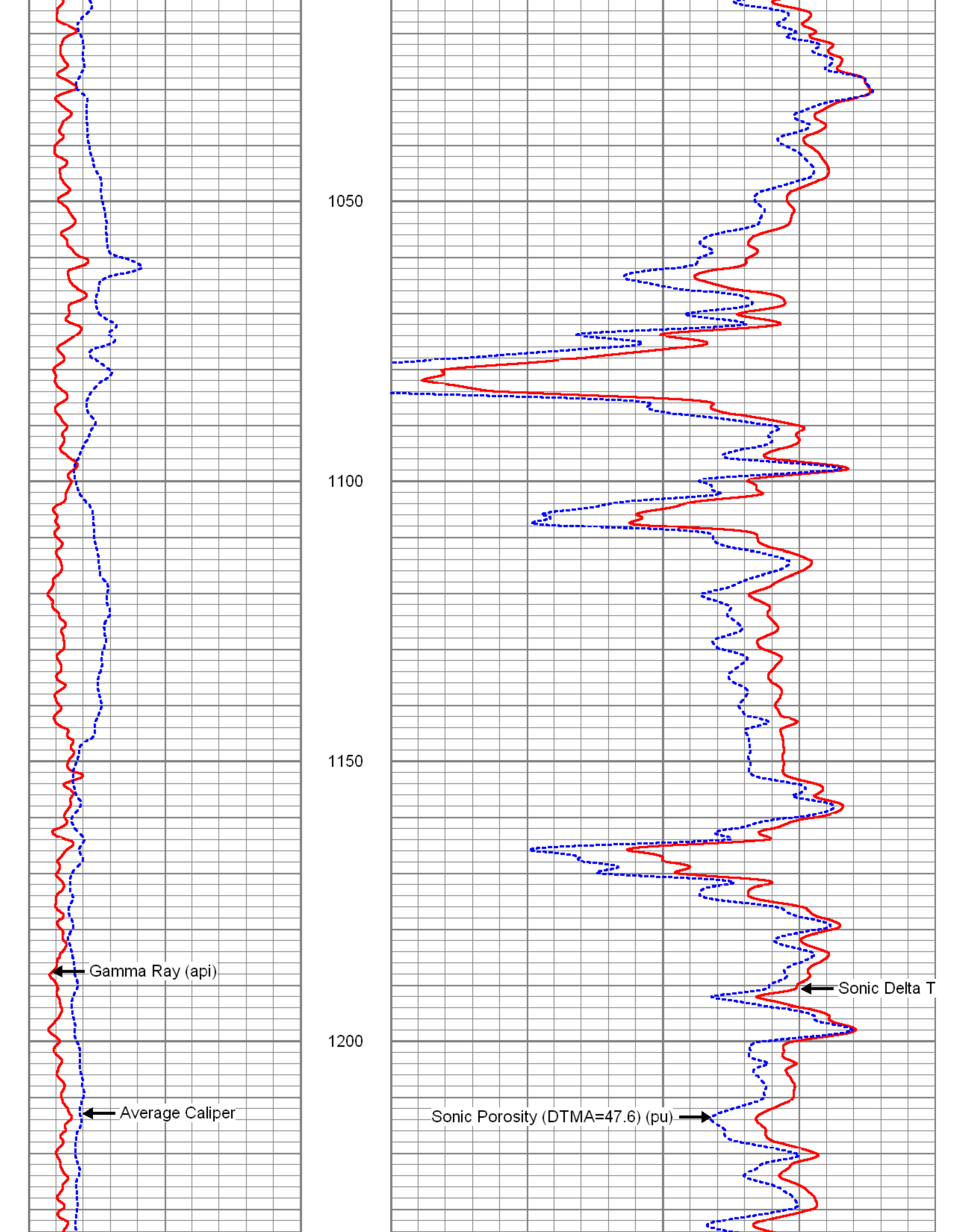
MAIN PASS

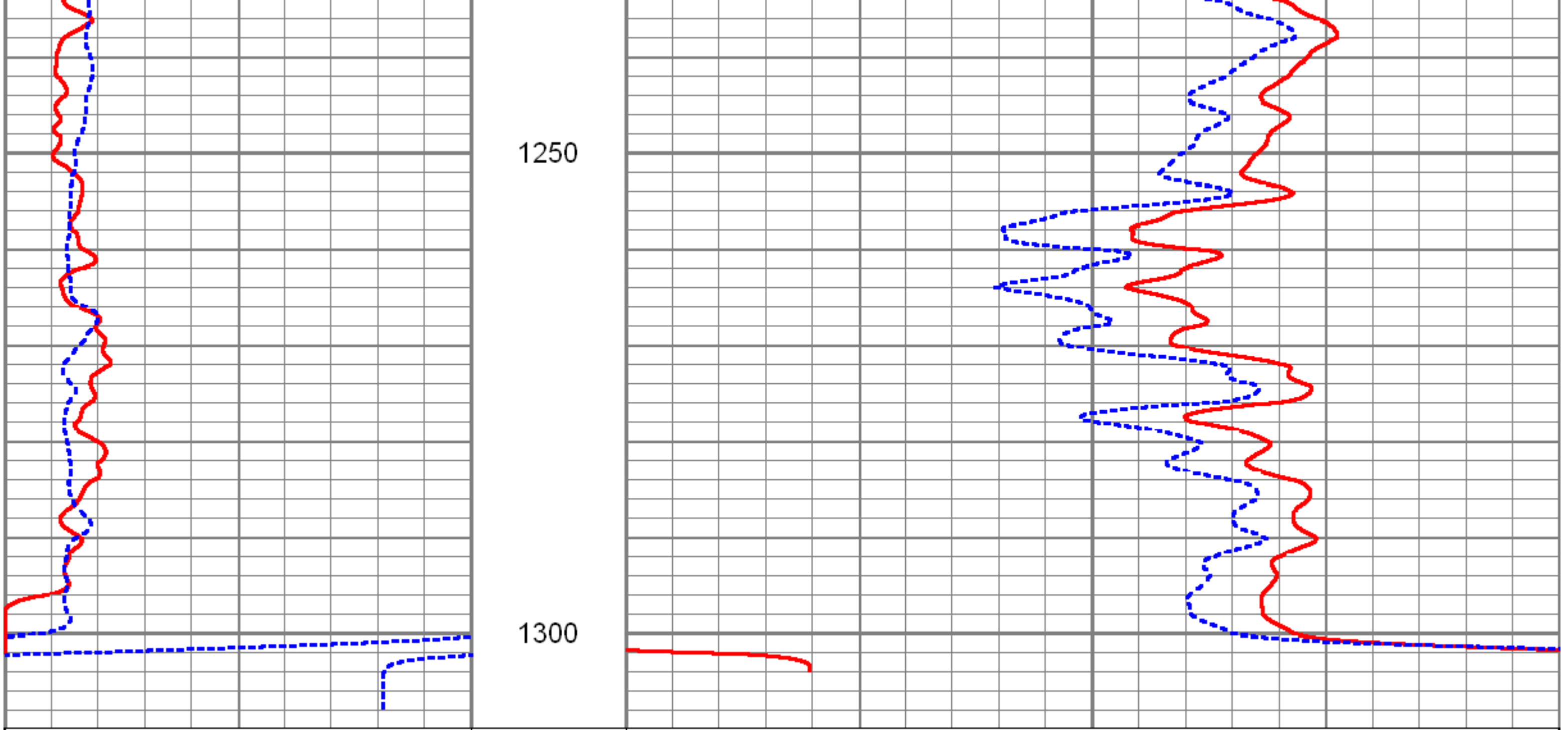
Database File: kisspof28.db
Dataset Pathname: run6/BHCMP
Presentation Format: bhc_por
Dataset Creation: Tue Oct 18 03:09:05 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
10	Average Caliper (in)	30	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0




800
850
900
950
1000


1050
1100
1150
1200
Gamma Ray (api)
Average Caliper
Sonic Delta T
Sonic Porosity (DTMA=47.6) (pu)

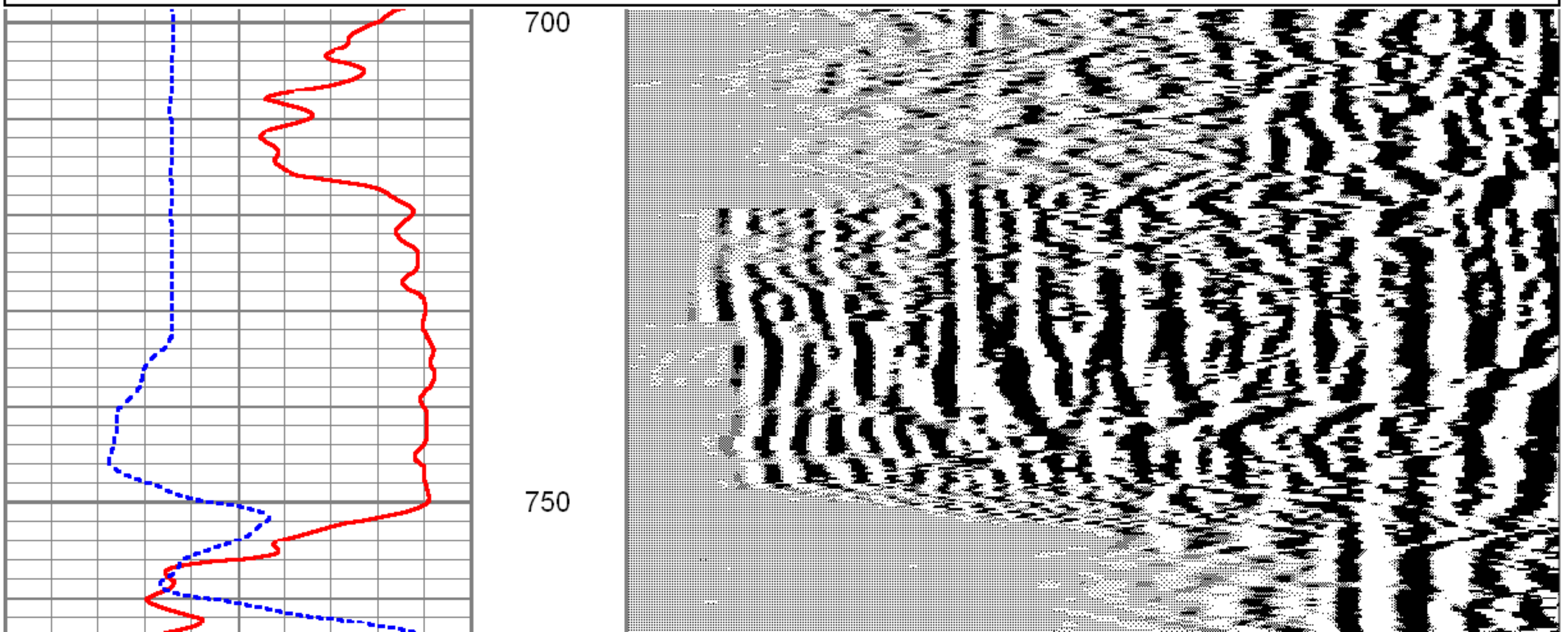


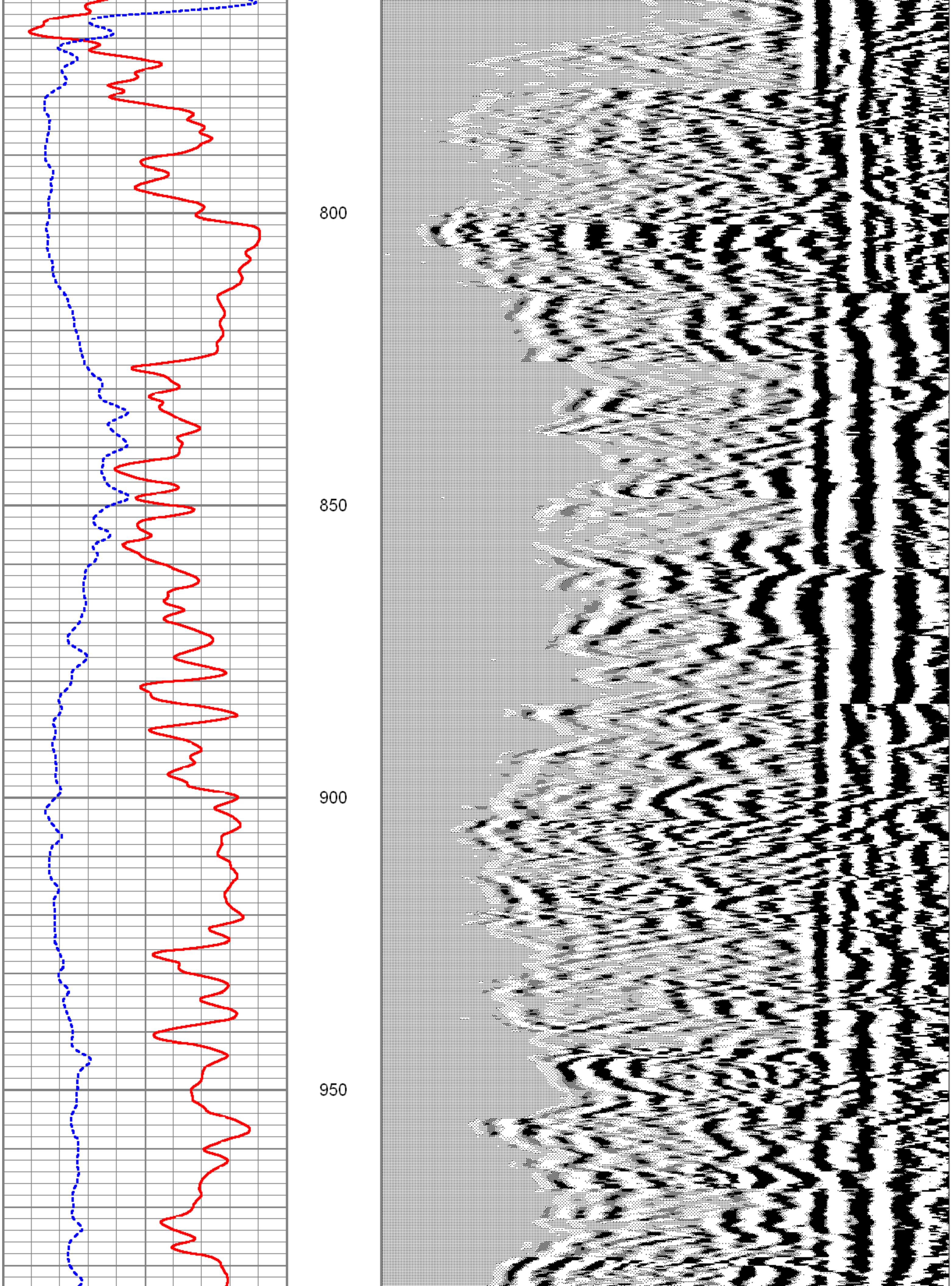
0	Gamma Ray (api) (GAPI)	100	
10	Average Caliper (in)	30	
240	DT (usec/ft) (usec/ft)	40	
100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0	

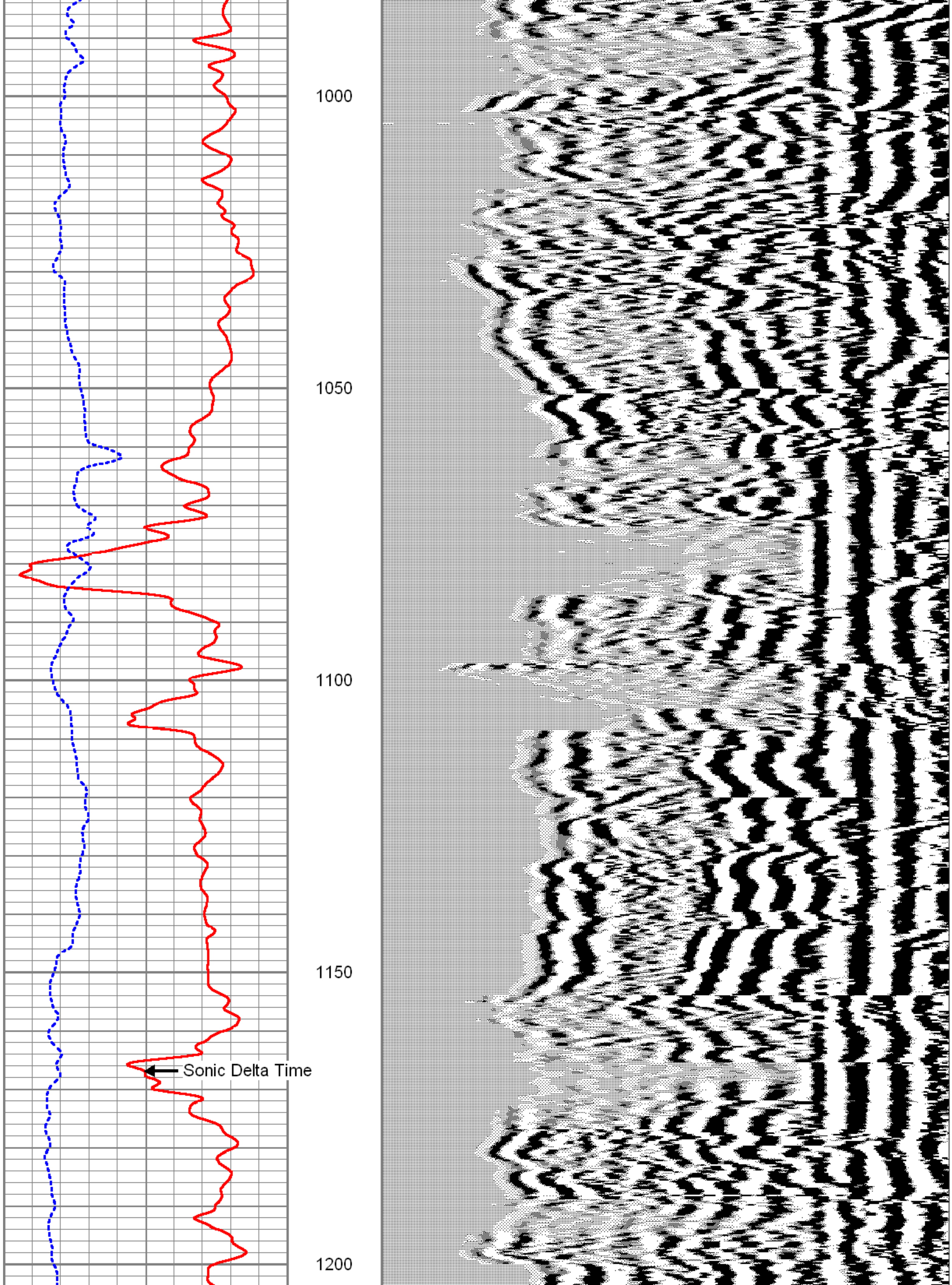
MAIN PASS

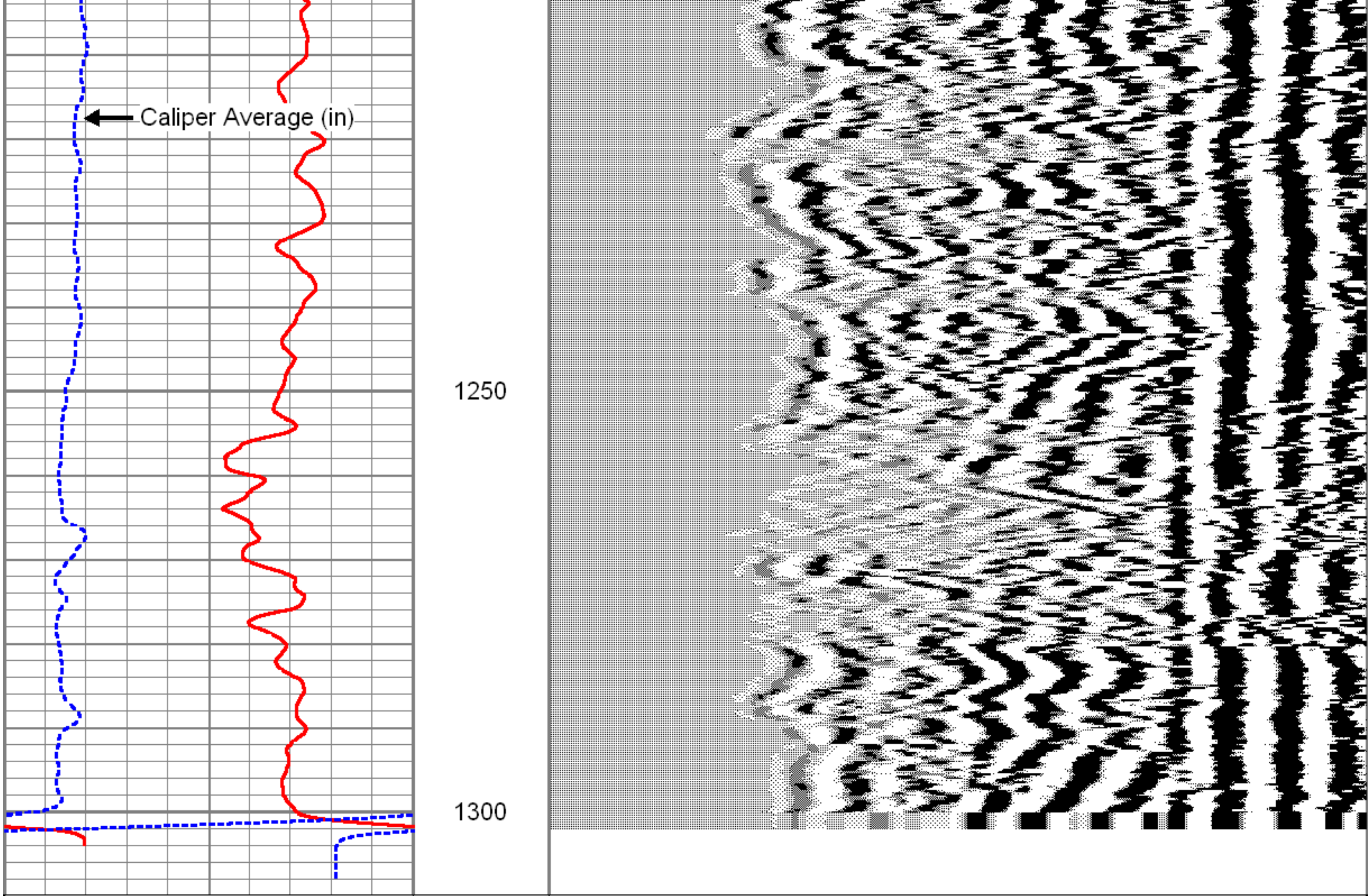
Database File:	kisspof28.db
Dataset Pathname:	run6/BHCMP
Presentation Format:	slt
Dataset Creation:	Tue Oct 18 03:09:05 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

240	Sonic Delta Time (usec/ft)	40
10	Caliper Average (in) (in)	30
400	WVF4	1400




800
850
900
950


1000
1050
1100
1150
1200
Sonic Delta Time



240 Sonic Delta Time (usec/ft) 40
10 Caliper Average (in) (in) 30

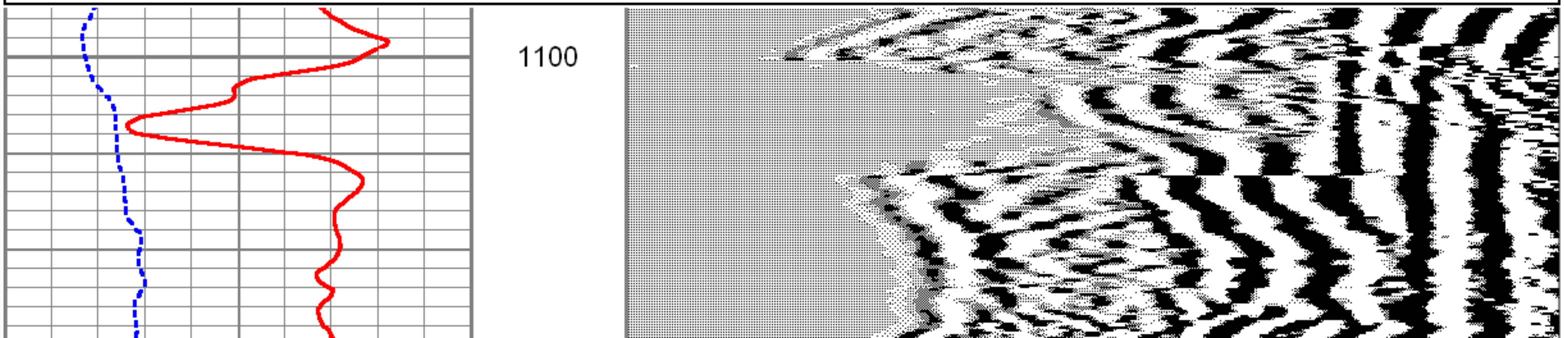
400 WVF4 1400

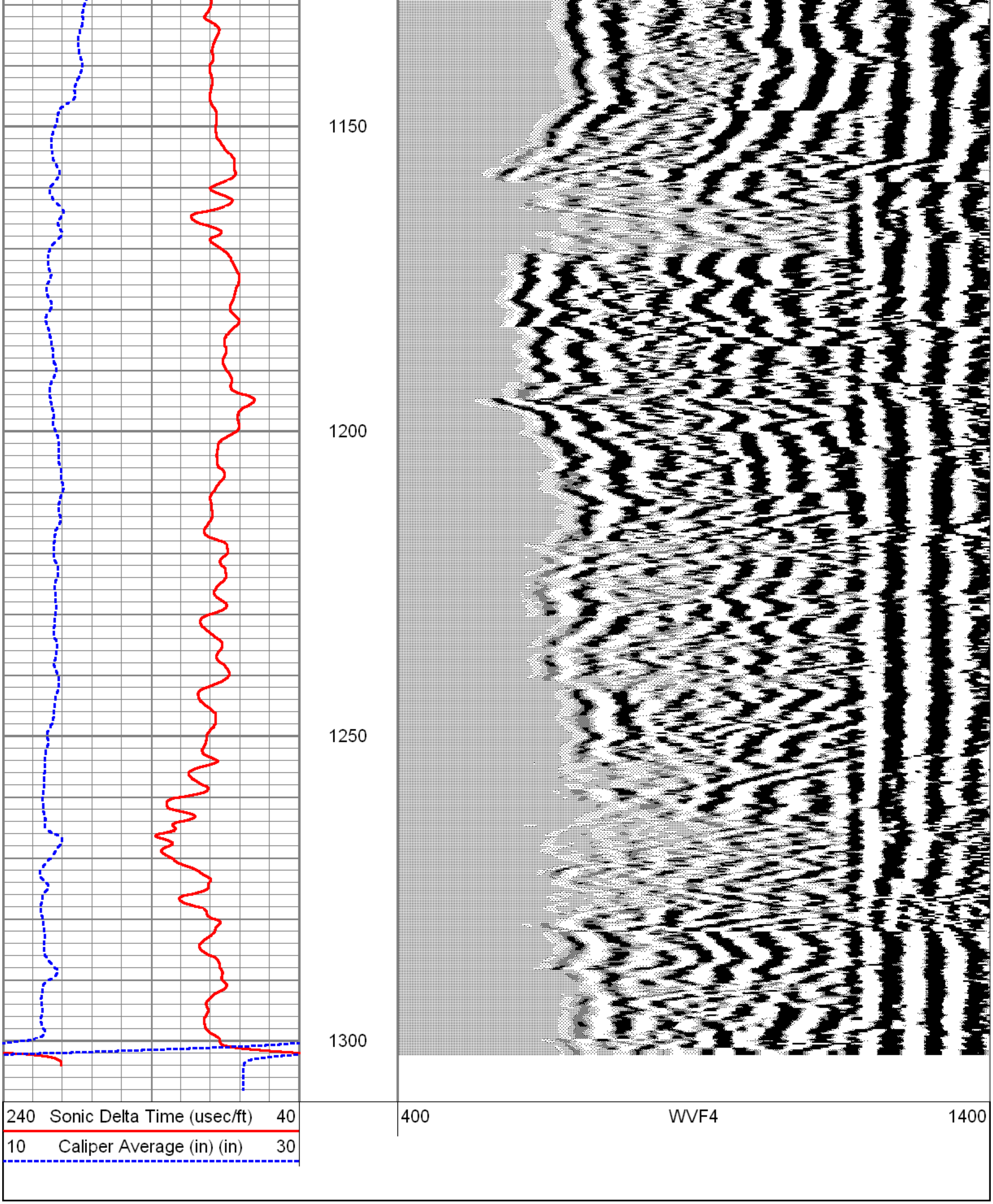
REPEAT PASS

Database File: kisspof28.db
Dataset Pathname: run6/BHCRP
Presentation Format: slt
Dataset Creation: Tue Oct 18 03:00:35 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

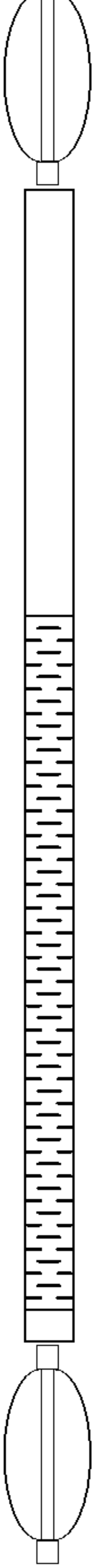
240 Sonic Delta Time (usec/ft) 40
10 Caliper Average (in) (in) 30

400 WVF4 1400





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		CENCBL Centralizer CENCBL	3.00	1.44	10.69
WVF1	13.50				
		SLT-GEAR (SLT1) G0_BHC	15.71	3.50	140.00
WVF2	8.67				
WVF4	7.67				
WVF3	3.00				
		CENCBL Centralizer CENCBL	3.00	1.44	10.69

Dataset:	kisspof28.db: field/well/run6/BHCMP
Total Length:	22.71 ft
Total Weight:	166.38 lb
O.D.	3.50 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

DUAL INDUCTION LL3/SP LOG

Company SOUTH FLORIDA MGT. DISTRICT

Well POF #28

Field KISSIMMEE BASIN (LFA)

County POLK State FLORIDA

Location: API # :

Other Services SEE COMMENTS

SEC TWP RGE

Permanent Datum	PAD	Elevation	
Log Measured From	PAD		Elevation K.B.
Drilling Measured From	PAD		D.F.
			G.L.

Date	17-OCT-2011	
Run Number	SIX	
Depth Driller	1305'	
Depth Logger	1305'	
Bottom Logged Interval	1305'	
Top Log Interval	CASING	
Open Hole Size	12.25"	
Type Fluid	WATER	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top	NA	
Time Well Ready	00:00	
Time Logger on Bottom	00:00	
Equipment Number	VA-203	
Location	JUPITER	
Recorded By	LEE	
Witnessed By		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'	FIVE	23"	CASING	750'
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				
FOUR	10.625"	530'	750'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner				

<<< Fold Here >>>

Comments

FCT
XYC/GR
BHC/SONIC/VDL
FLOWMETER
DHTVS

MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof28.db
Dataset Pathname:	run6/DILMPFIN1
Presentation Format:	dil
Dataset Creation:	Tue Oct 18 04:45:36 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

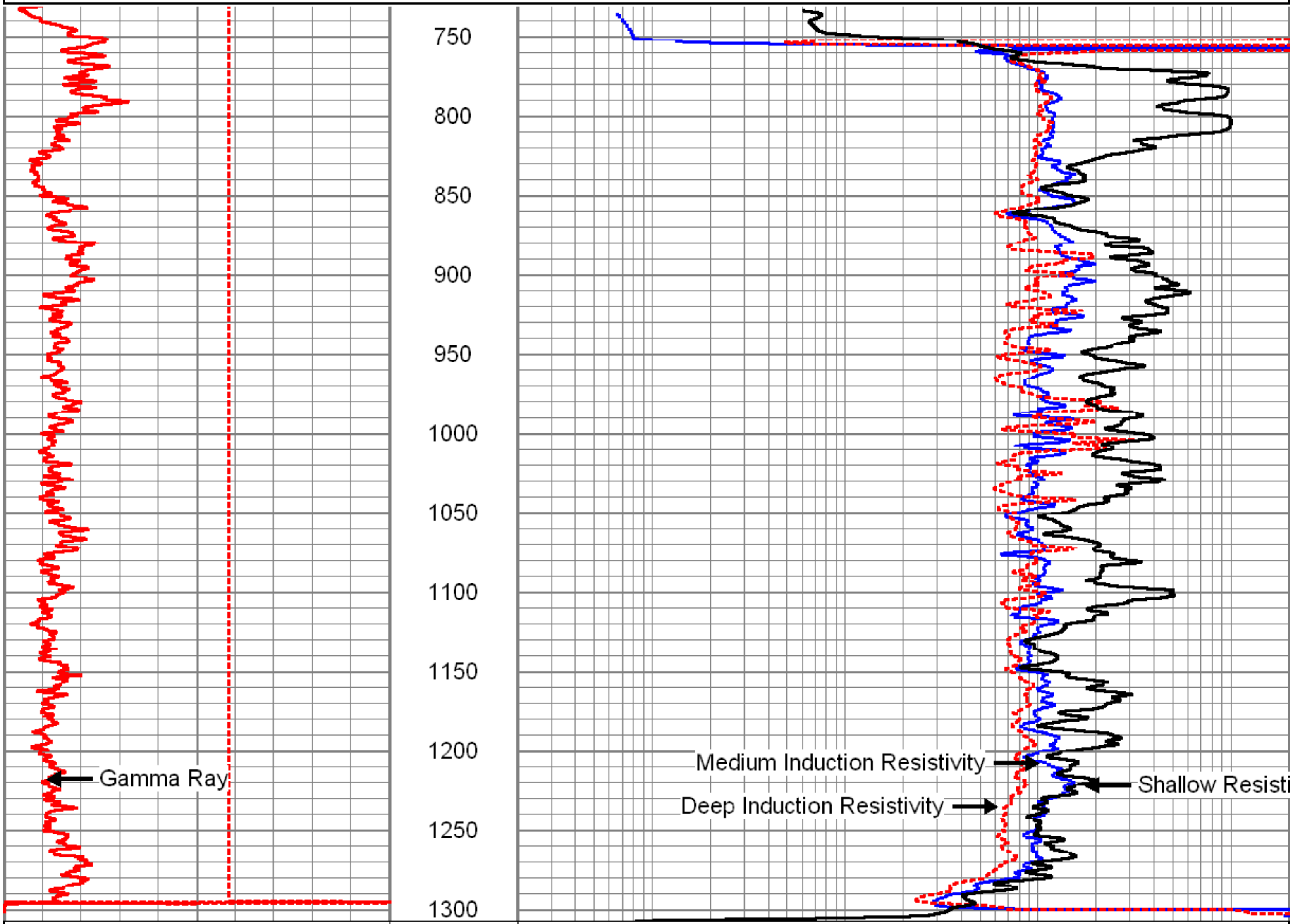
0 Gamma Ray (GAPI) 100

-50 Spontaneous Potential (mV) 50

0.2 Medium Induction Resistivity (Ohm-m) 2000

0.2 Deep Induction Resistivity (Ohm-m) 2000

0.2 Shallow Resistivity (Ohm-m) 2000



0 Gamma Ray (GAPI) 100

-50 Spontaneous Potential (mV) 50

0.2 Medium Induction Resistivity (Ohm-m) 2000

0.2 Deep Induction Resistivity (Ohm-m) 2000

0.2 Shallow Resistivity (Ohm-m) 2000

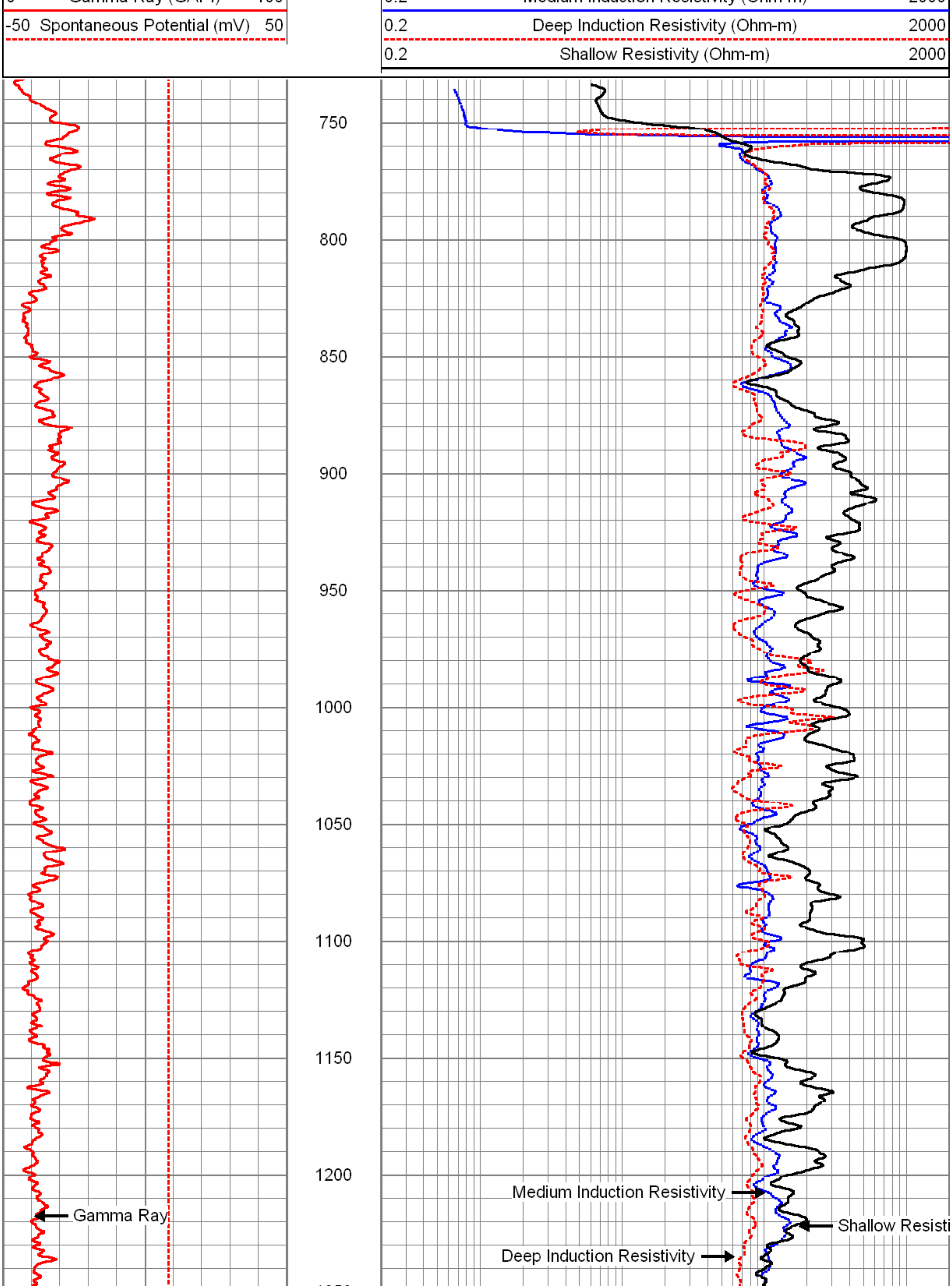
ALLWEBBS ENTERPRISES, INC.

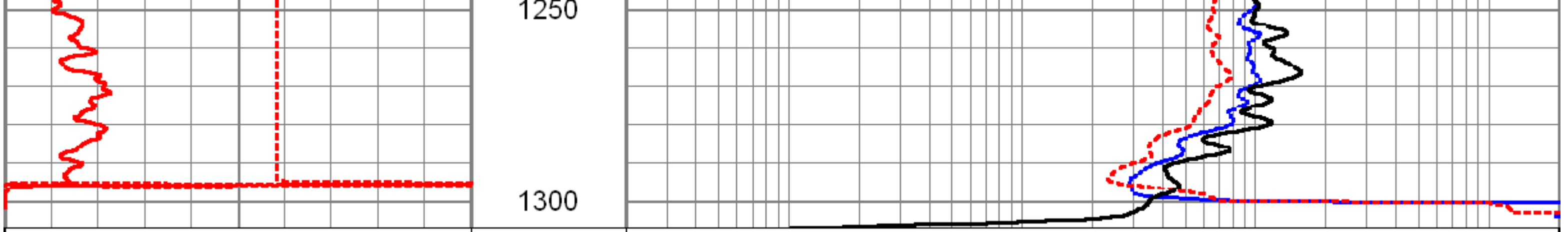
MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run6/DILMPFIN1
Presentation Format:	dil
Dataset Creation:	Tue Oct 18 04:45:36 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 100

0.2 Medium Induction Resistivity (Ohm-m) 2000


-50 Spontaneous Potential (mV) 50
0.2 Deep Induction Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
750
800
850
900
950
1000
1050
1100
1150
1200
Medium Induction Resistivity
Gamma Ray
Shallow Resisti
Deep Induction Resistivity



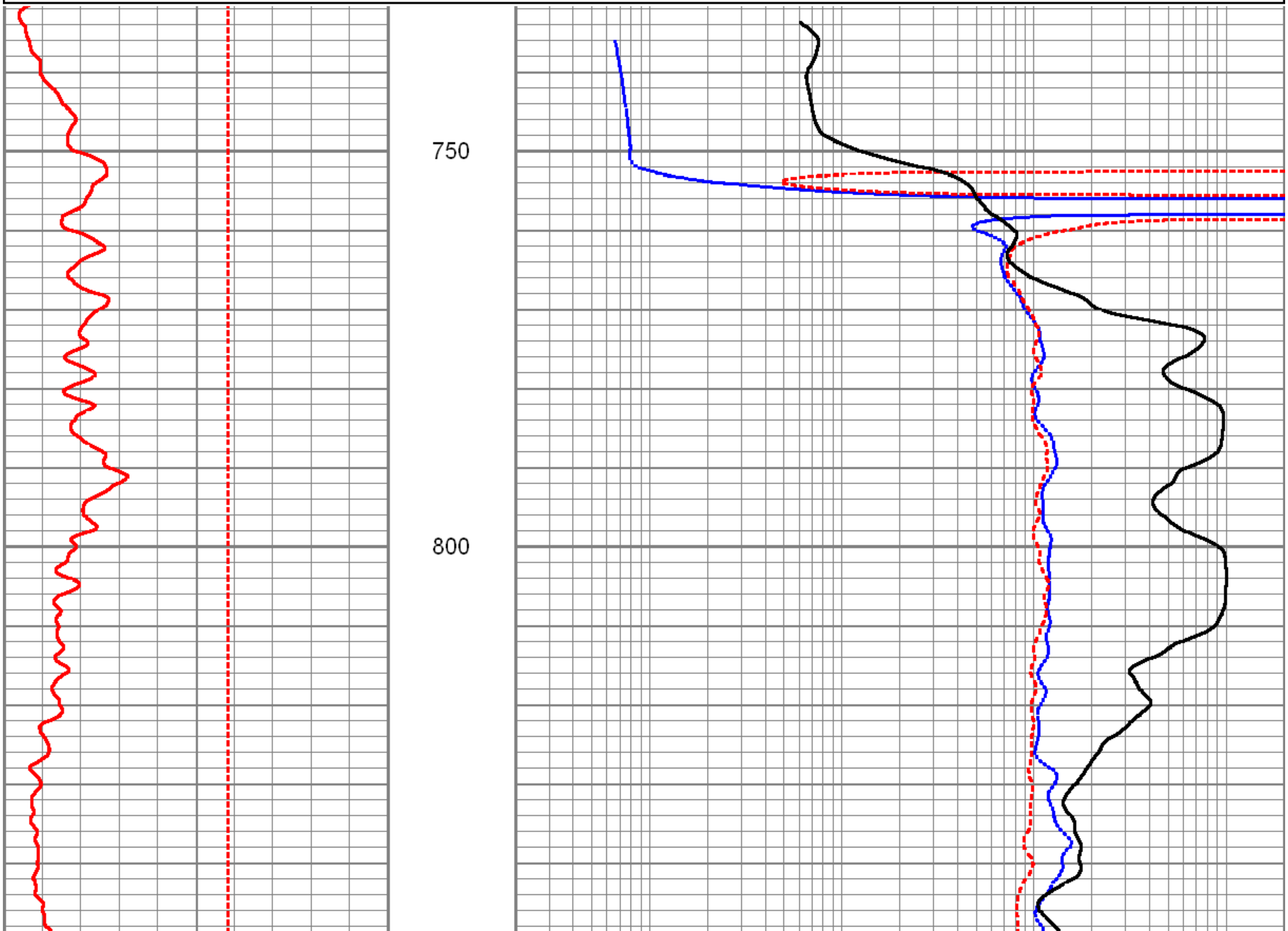
0 Gamma Ray (GAPI) 100	0.2 Medium Induction Resistivity (Ohm-m) 2000
-50 Spontaneous Potential (mV) 50	0.2 Deep Induction Resistivity (Ohm-m) 2000
	0.2 Shallow Resistivity (Ohm-m) 2000

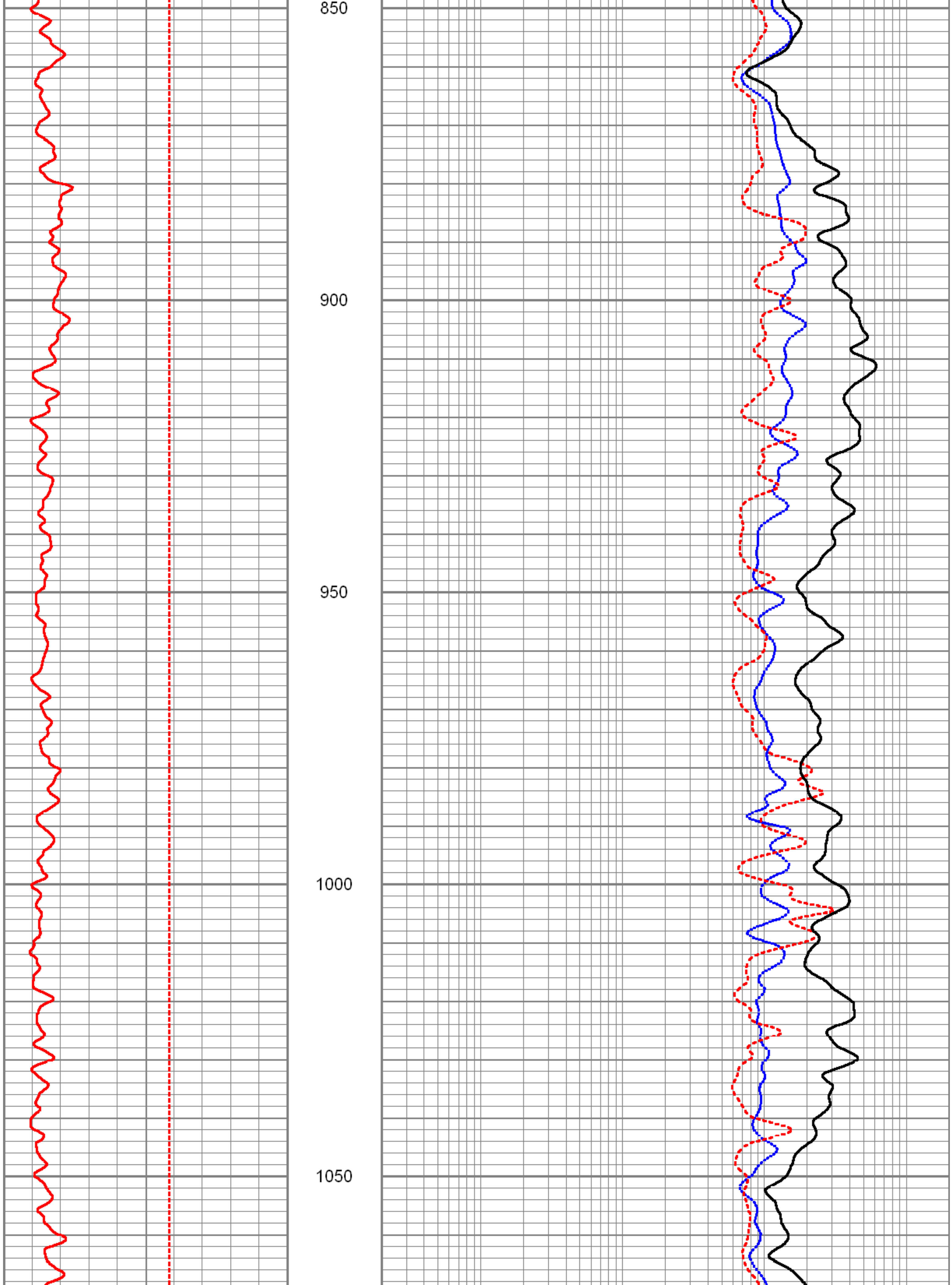
ALLWEBBS ENTERPRISES, INC.

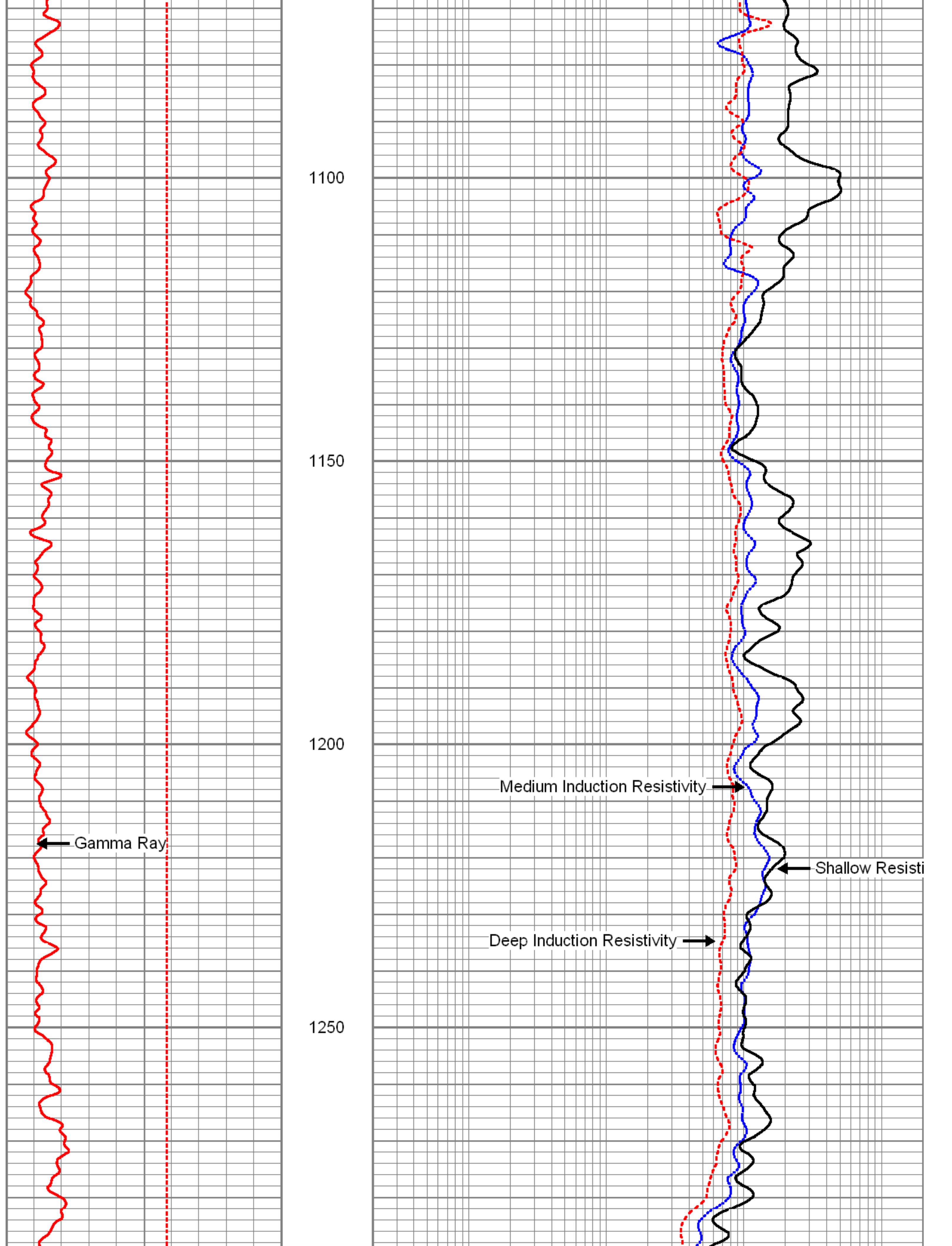
MAIN PASS

Database File:	kisspof28.db
Dataset Pathname:	run6/DILMPFIN1
Presentation Format:	dil
Dataset Creation:	Tue Oct 18 04:45:36 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

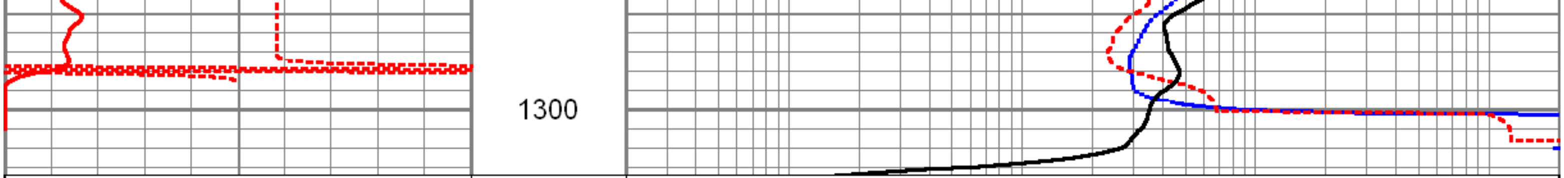
0 Gamma Ray (GAPI) 100	0.2 Medium Induction Resistivity (Ohm-m) 2000
-50 Spontaneous Potential (mV) 50	0.2 Deep Induction Resistivity (Ohm-m) 2000
	0.2 Shallow Resistivity (Ohm-m) 2000




850
900
950
1000
1050



1100
1150
1200
1250
Medium Induction Resistivity
Gamma Ray
Shallow Resisti
Deep Induction Resistivity



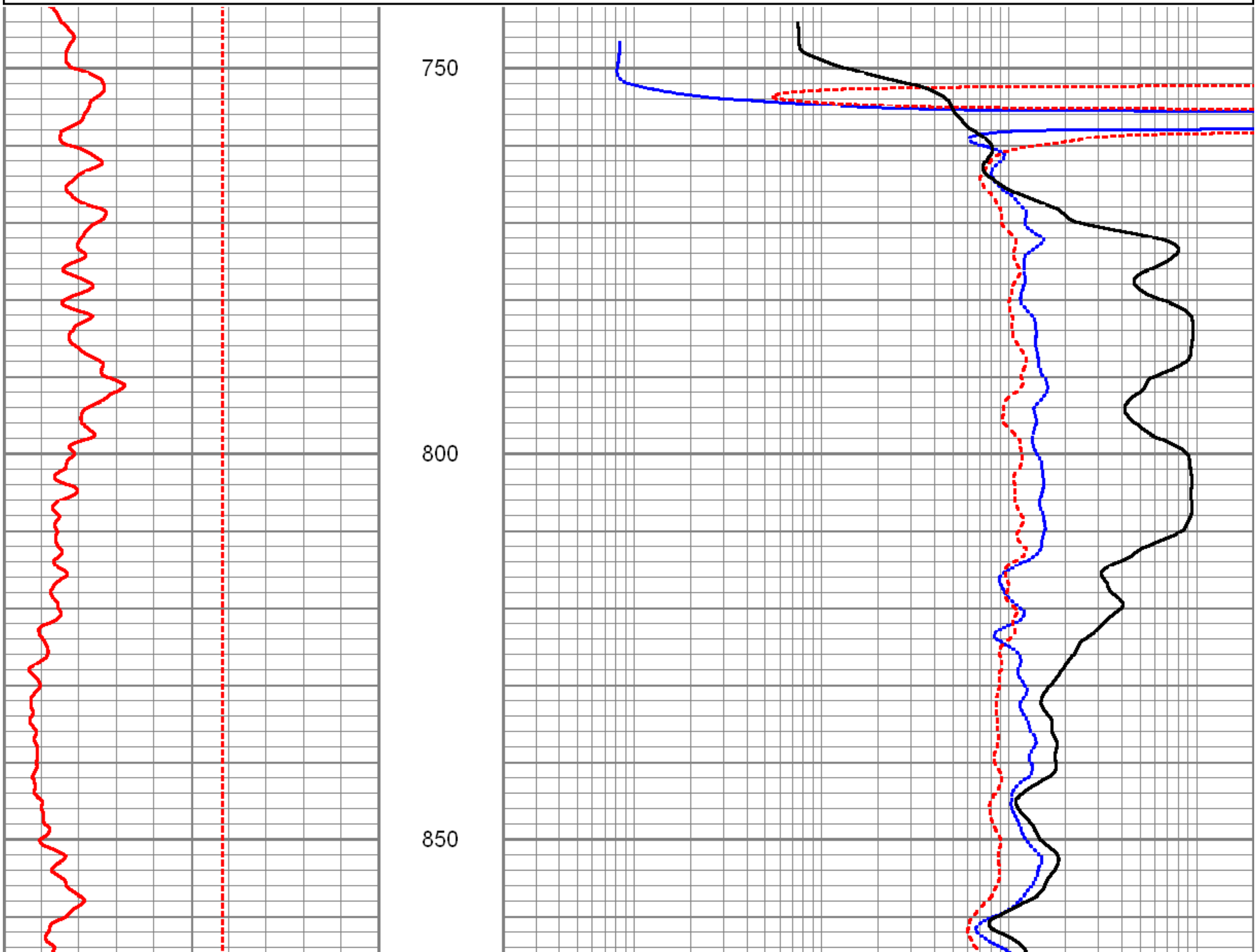
0 Gamma Ray (GAPI) 100		0.2 Medium Induction Resistivity (Ohm-m) 2000	
-50 Spontaneous Potential (mV) 50		0.2 Deep Induction Resistivity (Ohm-m) 2000	
		0.2 Shallow Resistivity (Ohm-m) 2000	

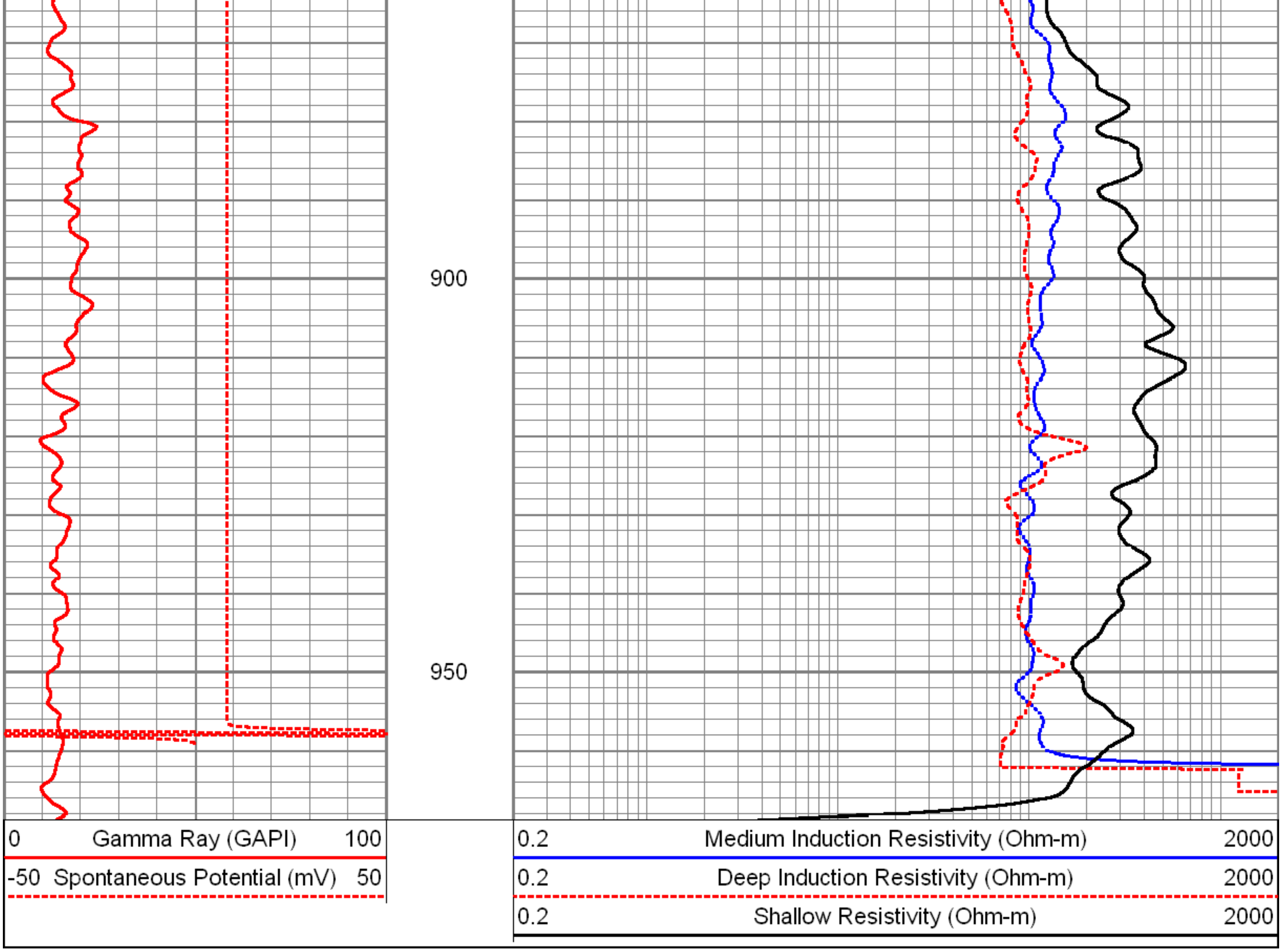
ALLWEBBS ENTERPRISES, INC.

REPEAT PASS

Database File:	kisspof28.db
Dataset Pathname:	run6/DILRPFINA
Presentation Format:	dil
Dataset Creation:	Tue Oct 18 04:42:03 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 100		0.2 Medium Induction Resistivity (Ohm-m) 2000	
-50 Spontaneous Potential (mV) 50		0.2 Deep Induction Resistivity (Ohm-m) 2000	
		0.2 Shallow Resistivity (Ohm-m) 2000	





Calibration Report

Database File: kisspof28.db
Dataset Pathname: run6/DILMPFIN1
Dataset Creation: Tue Oct 18 04:45:36 2011 by Calc Open-Cased 071220

Dual Induction Calibration Report

Serial-Model:	DIL2-GEAR
Surface Cal Performed:	Tue Oct 18 02:08:41 2011
Downhole Cal Performed:	Tue Oct 18 01:38:01 2011
After Survey Verification Performed:	Tue Oct 18 01:38:01 2011

Surface Calibration

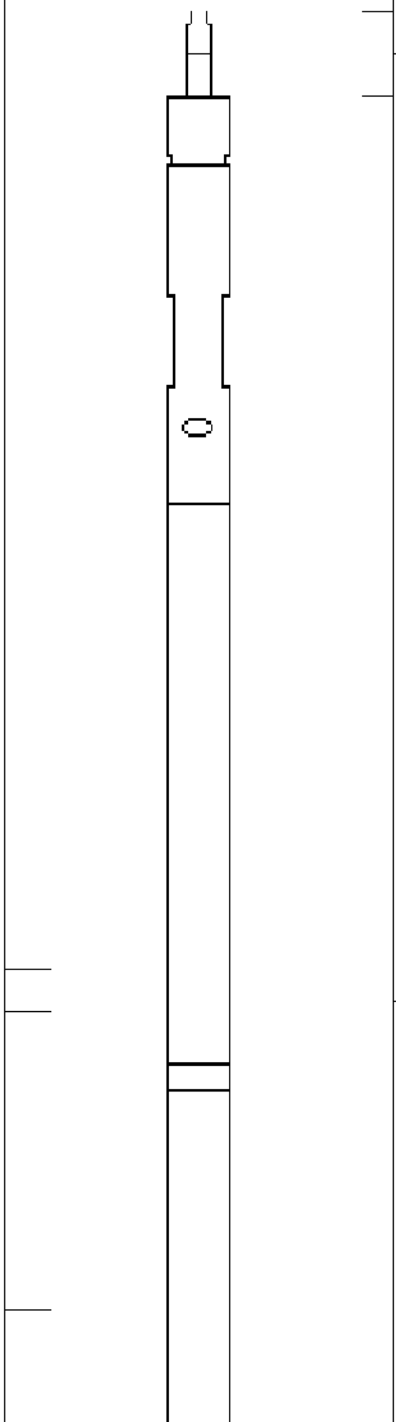
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.019	0.569	V	0.000	400.000	mmho-m	680.032	12.921
Medium	0.015	0.723	V	0.000	465.000	mmho-m	656.860	-9.853
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.635	V	0.000	400.000	mmho-m	637.070	-4.479
Medium	0.010	0.750	V	0.000	465.000	mmho-m	628.185	-6.138

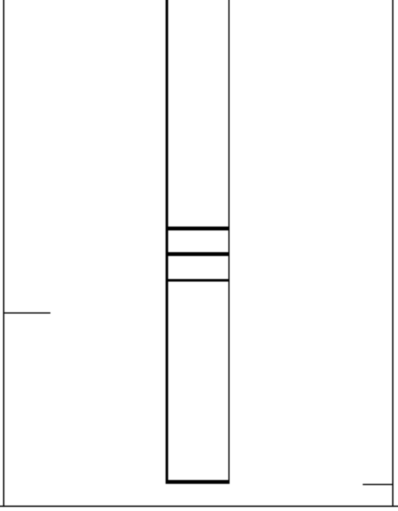
Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	7.338	445.984	mmho-m	7.717	445.844	mmho-m	0.999	0.388
Medium	-5.281	482.945	mmho-m	-4.578	482.836	mmho-m	0.998	0.695
Shallow	5.000	0.012	V	500.000	2.000	Ohm-m	99.849	0.756

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho-m	7.338	445.984	mmho-m	0.999	0.388
Medium	0.000	0.000	mmho-m	-5.281	482.945	mmho-m	0.998	0.695
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
SP	11.00					
CILD	10.50		DIL-GEAR (DIL2) GO_DIL/LL3/SP	21.25	3.50	150.00
CILM	7.00					

RLL3	2.00					

Dataset: kisspof28.db: field/well/run6/DILMPFIN1
Total Length: 22.25 ft
Total Weight: 155.00 lb
O.D. 3.50 in

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

FLUID CONDUCTIVITY TEMPERATURE LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

Other Services
SEE COMMENTS

SEC TWP RGE

Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	17-OCT-2011		
Run Number	SIX		
Depth Driller	1305'		
Depth Logger	1305'		
Bottom Logged Interval	1305'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'	FIVE	23"	CASING	750'
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				
FOUR	10.625"	530'	750'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner				

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Comments

FLOWRATE = 2,100 GPM

BHC/SONIC/VDL
XYC/GR
DIL/LL3/SP
FLOWMETER
DHTVS

ALLWEBBS

STATIC & DYNAMIC

ENTERPRISES, INC.

Database File:	kisspof28.db
Dataset Pathname:	run6/FCTDYMG
Presentation Format:	fct
Dataset Creation:	Tue Oct 18 08:57:27 2011
Charted by:	Depth in Feet scaled 1:240

70 Dynamic Temperature (degF) 90

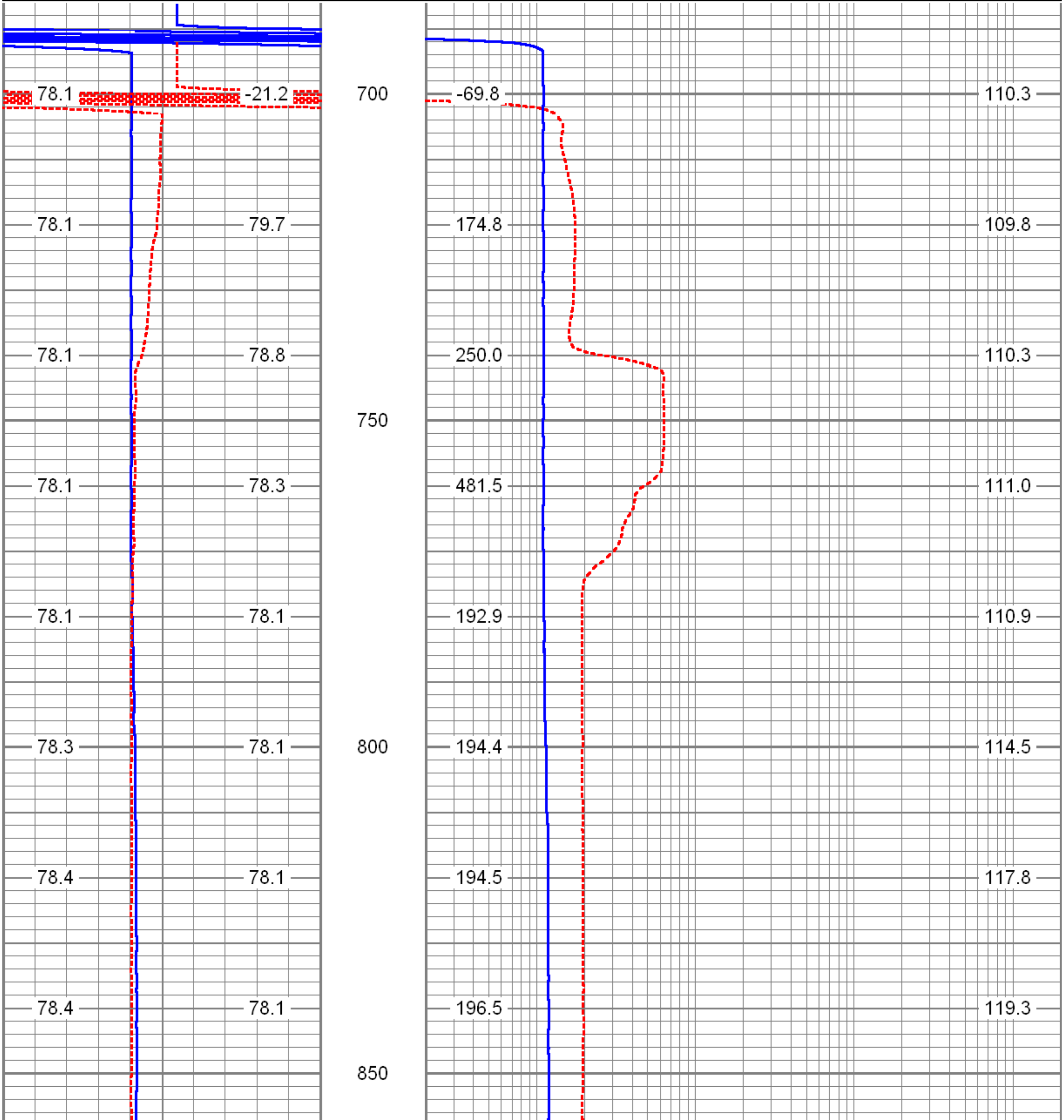
70 Static Temperature (degF) 90

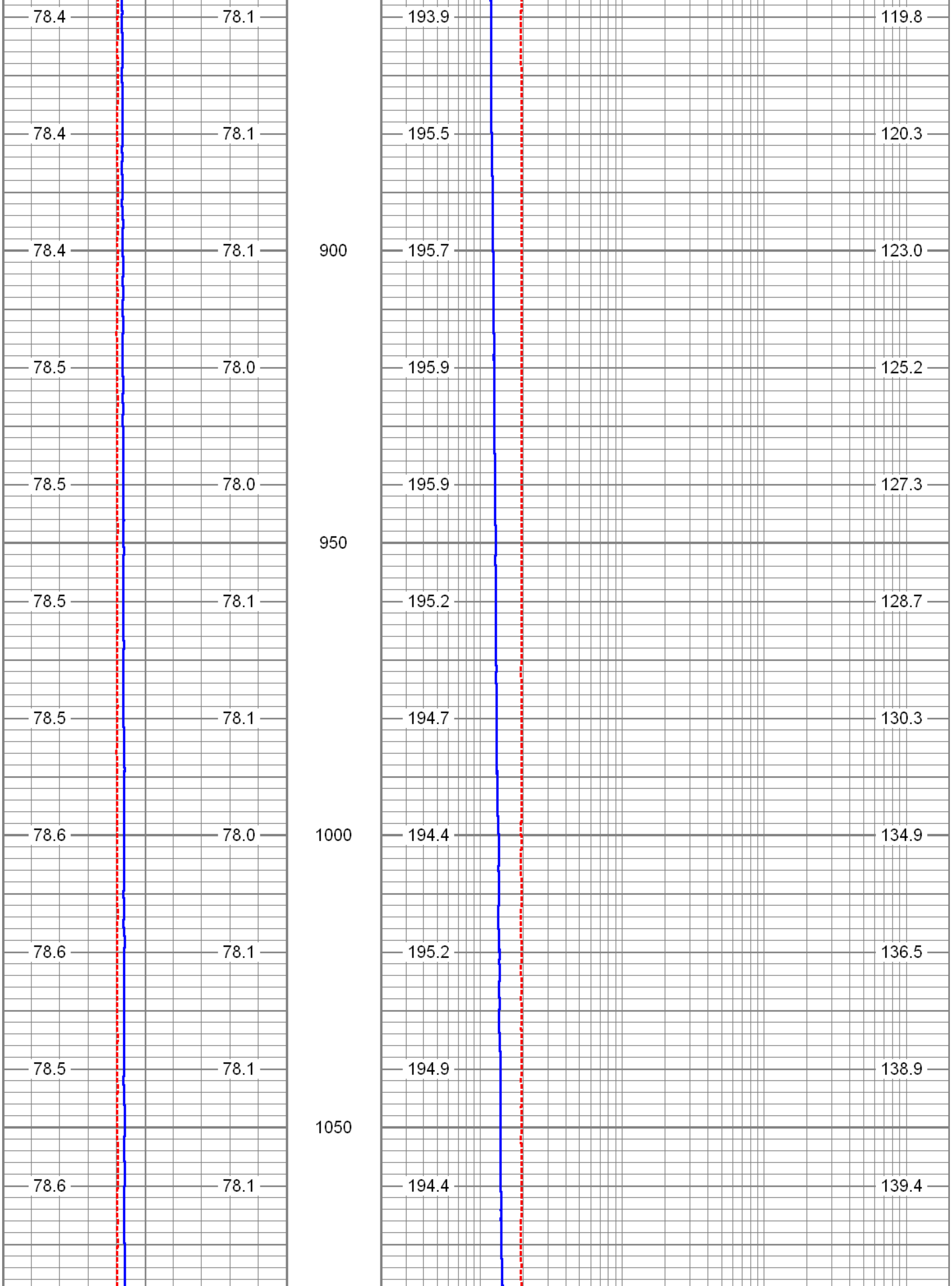
MP_DYNAM (degF) | EMPS_STAT (degF)

20 Static Fluid Conductiity (um) 200000

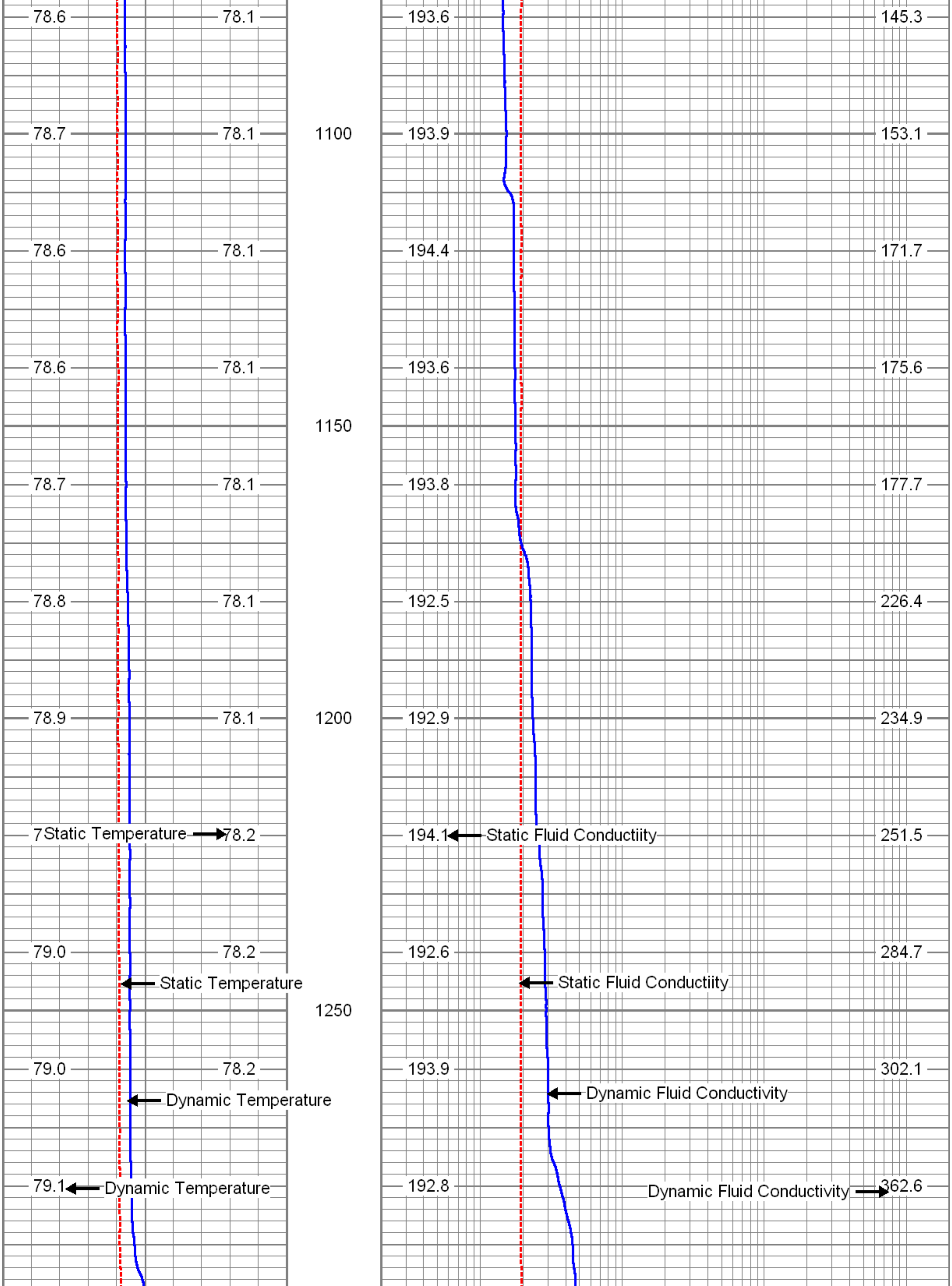
20 Dynamic Fluid Conductivity (um) 200000

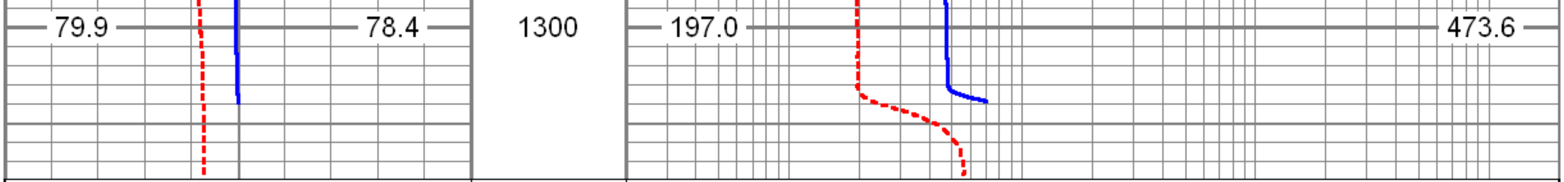
CONS_STAT (um) | ON_DYNAM (um)





78.4 78.1 193.9 119.8
78.4 78.1 195.5 120.3
78.4 78.1 900 195.7 123.0
78.5 78.0 195.9 125.2
78.5 78.0 195.9 127.3
950
78.5 78.1 195.2 128.7
78.5 78.1 194.7 130.3
78.6 78.0 1000 194.4 134.9
78.6 78.1 195.2 136.5
78.5 78.1 194.9 138.9
1050
78.6 78.1 194.4 139.4


78.6
78.1
193.6
145.3
78.7
78.1
1100
193.9
153.1
78.6
78.1
194.4
171.7
78.6
78.1
193.6
175.6
1150
78.7
78.1
193.8
177.7
78.8
78.1
192.5
226.4
78.9
78.1
1200
192.9
234.9
7Static Temperature
78.2
194.1
Static Fluid Conductiity
251.5
79.0
78.2
192.6
284.7
Static Temperature
Static Fluid Conductiity
1250
79.0
78.2
193.9
302.1
Dynamic Temperature
Dynamic Fluid Conductivity
79.1
Dynamic Temperature
192.8
Dynamic Fluid Conductivity
362.6



70 Dynamic Temperature (degF) 90		20 Static Fluid Conductiity (um) 200000	
70 Static Temperature (degF) 90		20 Dynamic Fluid Conductivity (um) 200000	
MP_DYNAM (degF)	EMPS_STAT (degF)	CONS_STAT (um)	ON_DYNAM (um)

Calibration Report

Database File: kisspof28.db
Dataset Pathname: run6/FCTST
Dataset Creation: Mon Oct 17 23:17:10 2011 by Log Open-Cased 071220

Temperature Calibration Report

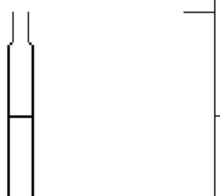
Serial Number: 1
Tool Model: RG
Performed: Mon Oct 17 23:03:02 2011

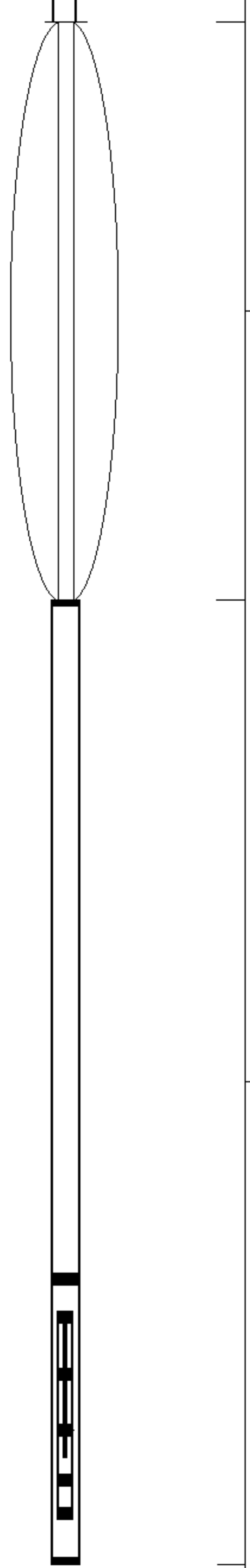
Point #	Reading	Reference	
1	3636.76	32.20	degF
2	4626.58	51.60	degF
3	6505.18	72.00	degF
4	7120.74	77.40	degF
5	8623.55	91.80	degF
6	9608.83	100.60	degF
7			degF
8			degF
9			degF
10			degF

Calibration Report

Serial Number: 1
Tool Model: RG
Performed: Mon Oct 17 23:02:58 2011

Reference (um)	Reading ()
1023.000	1131.130
10090.000	10173.500
13040.000	12435.600
25200.000	23497.400
29200.000	24812.300
49900.000	39605.500

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		CBLINLINE	3.00	1.50	10.00
		FRTEMP-RG (1) RG_FCON	5.00	1.50	25.00
FCON	0.50				
TEMP	0.33				

Dataset:	kisspof28.db: field/well/run6/FCTST
Total Length:	9.00 ft
Total Weight:	40.00 lb
O.D.	1.50 in

FLOWMETER LOG

ALLWEBBS ENTERPRISES, INC.

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation: K.B. D.F. G.L.

Date	17-OCT-2011		
Run Number	SIX		
Depth Driller	1305'		
Depth Logger	1305'		
Bottom Logged Interval	1305'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'	FIVE	23"	CASING	750'
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				
FOUR	10.625"	530'	750'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner				

<<< Fold Here >>>

Comments

FLOWRATE = 2,100 GPM

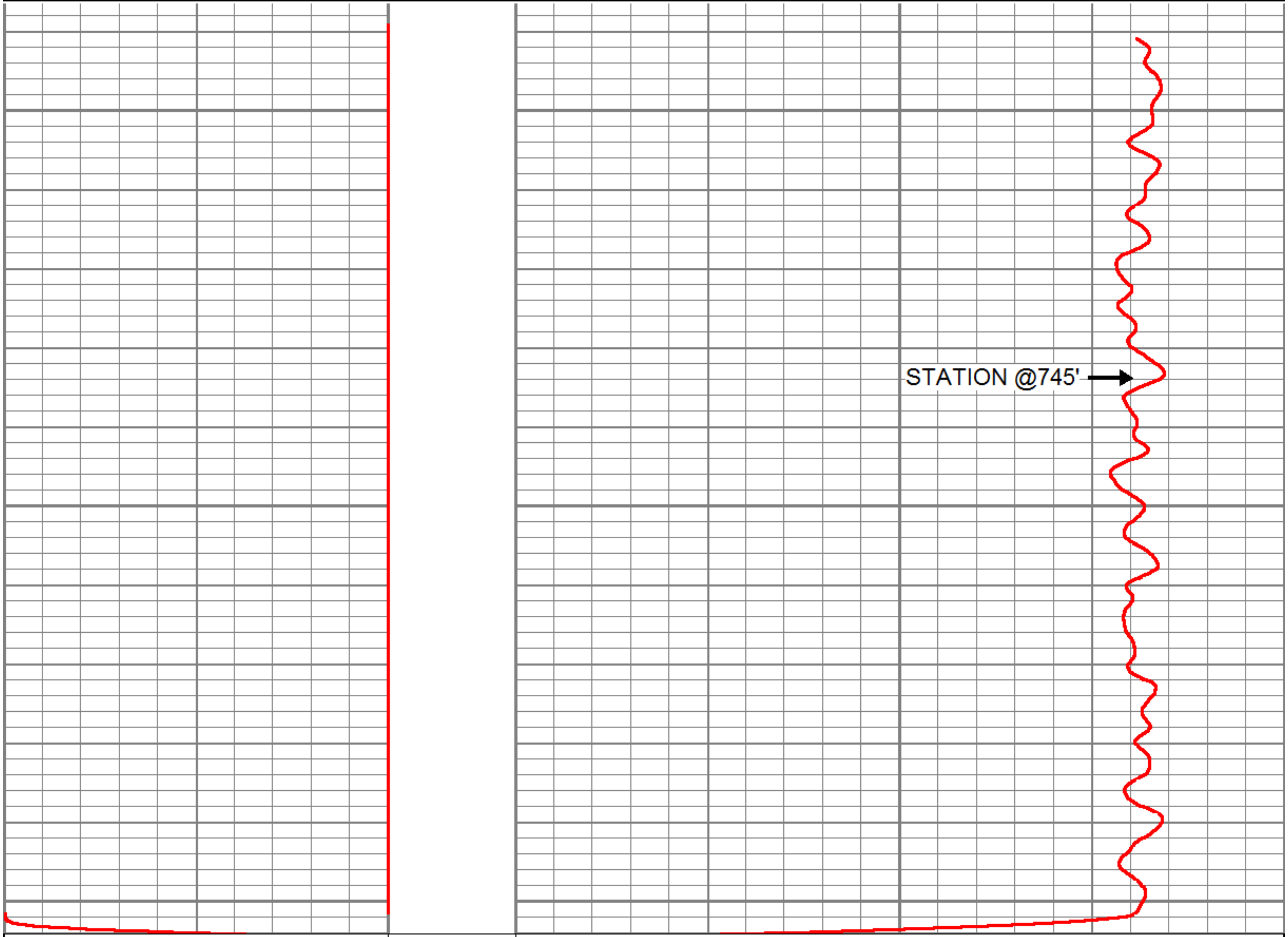
BHC/SONIC/VDL
XYC/GR
DIL/LL3/SP
FCT
DHTVS

ALLWEBBS

STATION @745'

Database File:	kisspof28.db
Dataset Pathname:	run6/STAT745
Presentation Format:	flow_mg
Dataset Creation:	Tue Oct 18 06:23:18 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100 | 0 FLOW_DYNAMIC (cps) 100

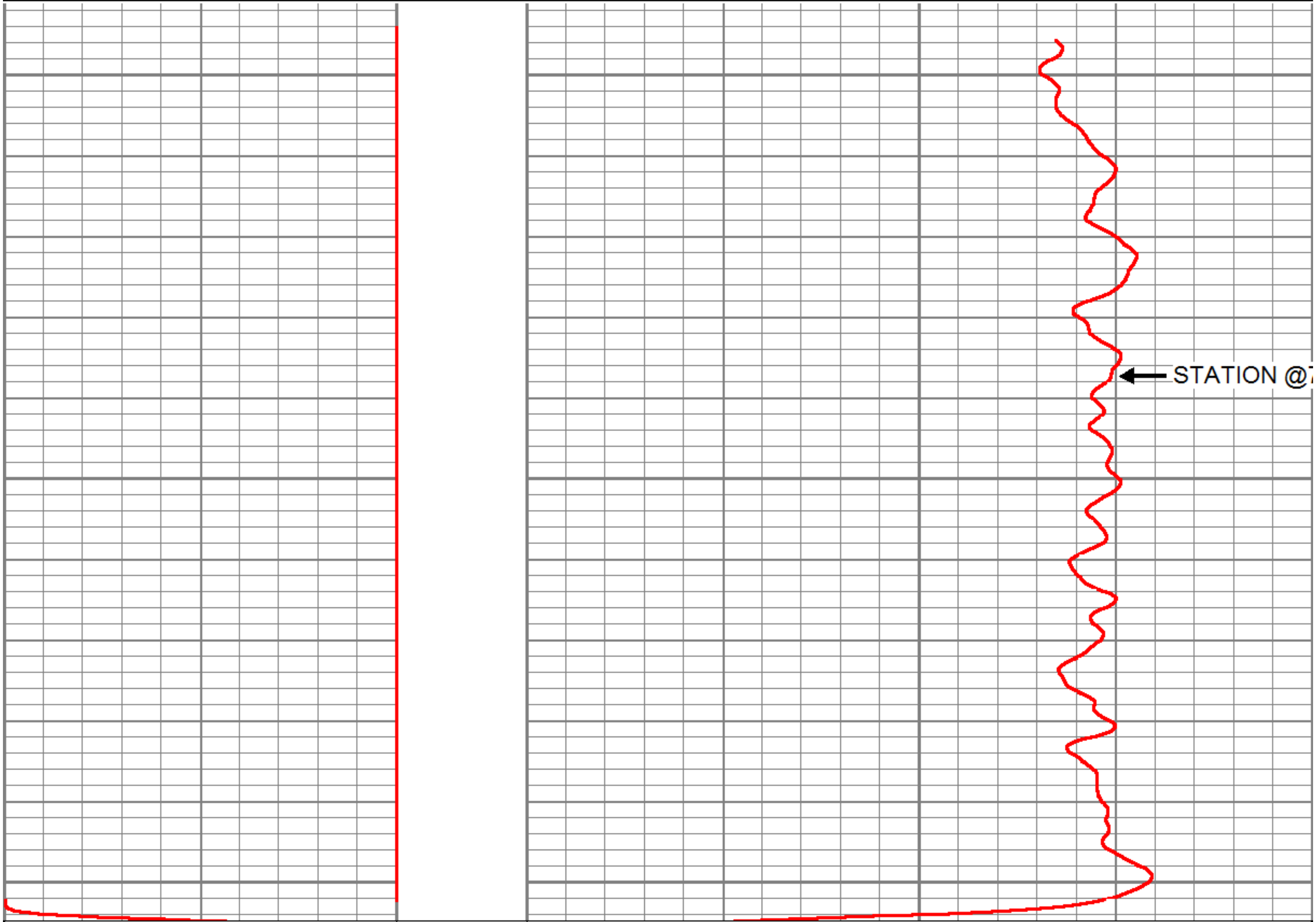


0 LSPD_DYNAMIC (ft/min) 100 | 0 FLOW_DYNAMIC (cps) 100

STATION @770'

Database File:	kisspof28.db
Dataset Pathname:	run6/STAT770
Presentation Format:	flow_mg
Dataset Creation:	Tue Oct 18 06:21:17 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100 | 0 FLOW_DYNAMIC (cps) 100

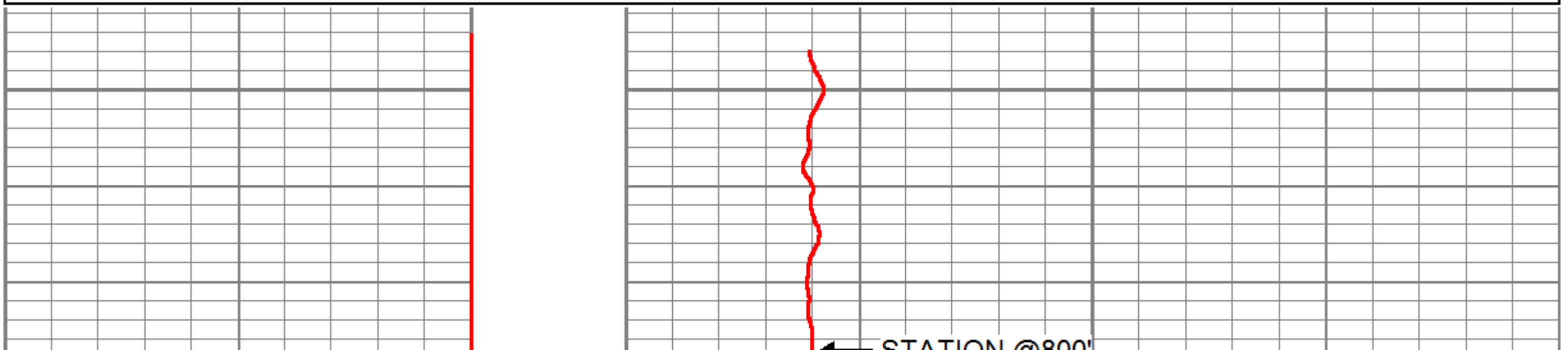


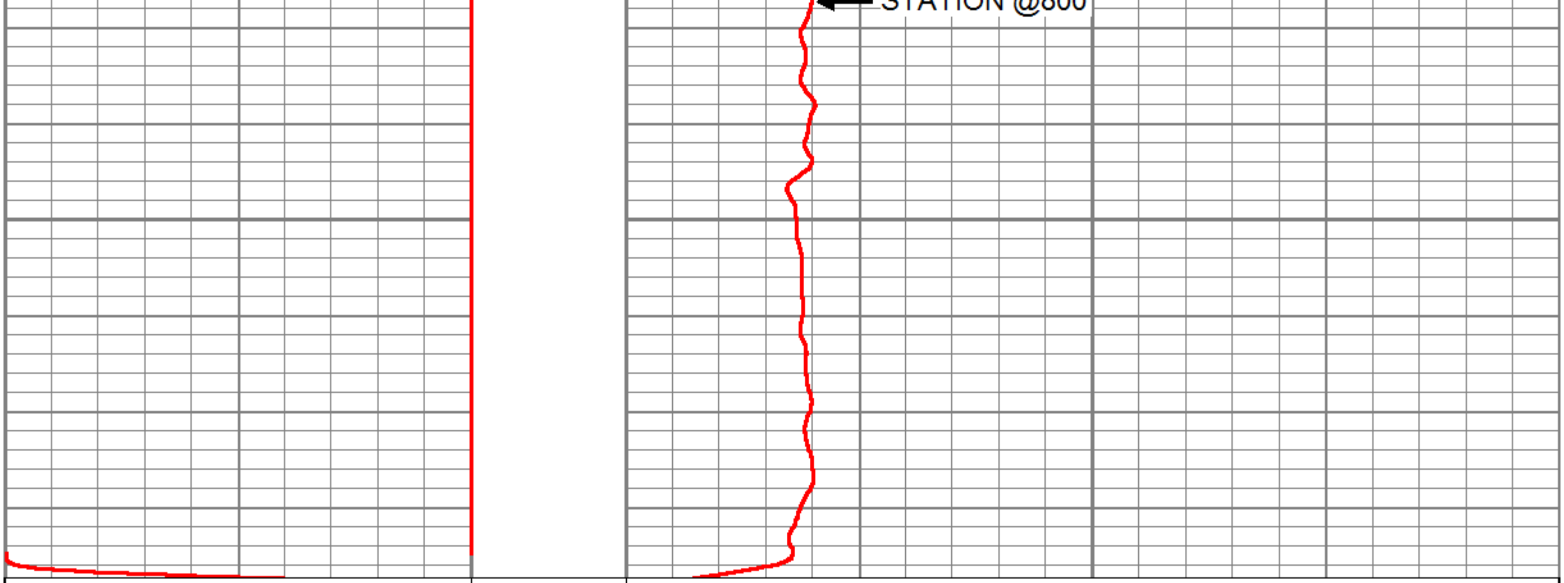
0 LSPD_DYNAMIC (ft/min) 100		0 FLOW_DYNAMIC (cps) 100

STATION @800'

Database File:	kisspof28.db
Dataset Pathname:	run6/STAT800
Presentation Format:	flow_mg
Dataset Creation:	Tue Oct 18 06:19:58 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100		0 FLOW_DYNAMIC (cps) 100



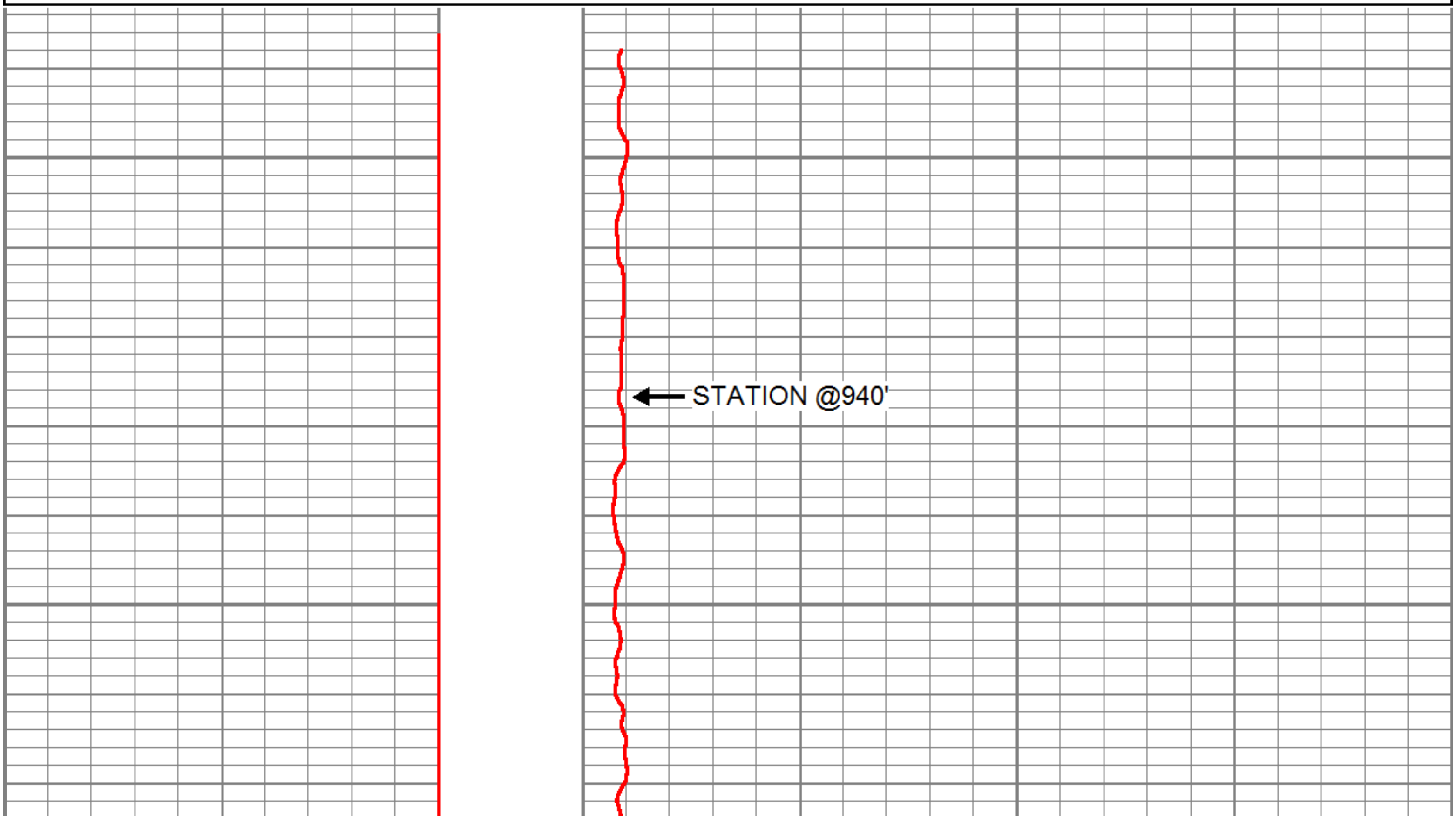


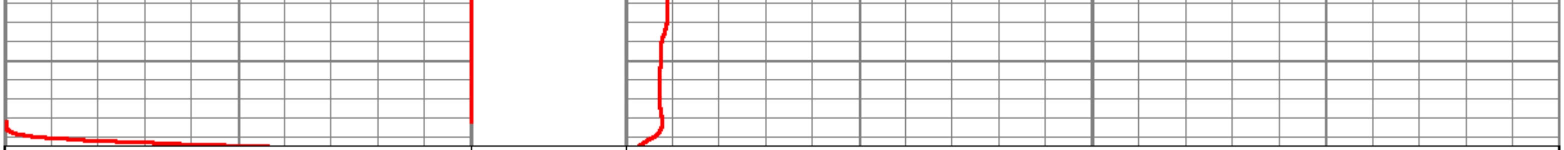
0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100

STATION @940'

Database File:	kisspof28.db
Dataset Pathname:	run6/STAT940
Presentation Format:	flow_mg
Dataset Creation:	Tue Oct 18 06:17:57 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100





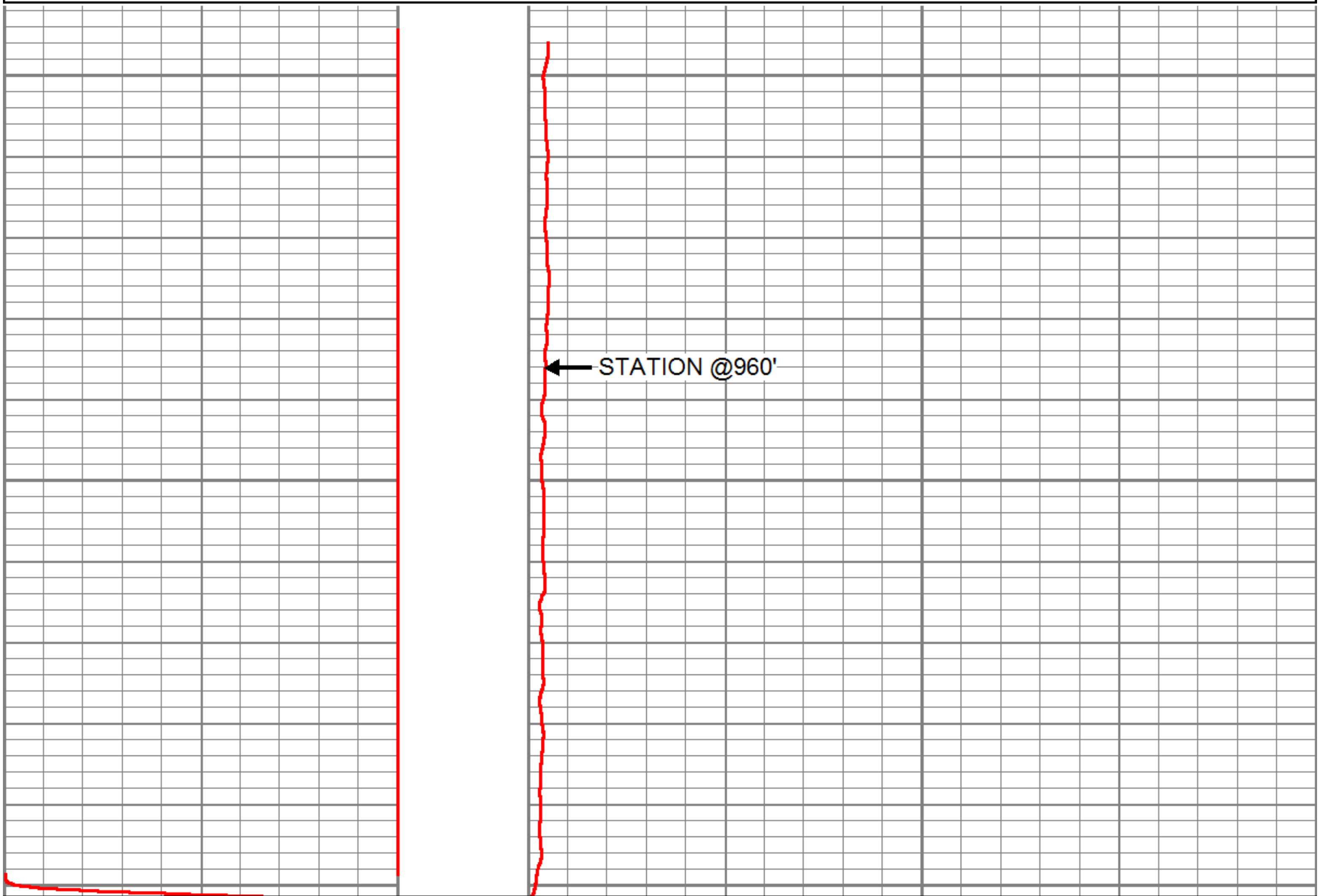
0	LSPD_DYNAMIC (ft/min)	100	0	FLOW_DYNAMIC (cps)	100

ALLWEBBS ENTERPRISES, INC.

STATION @960'

Database File:	kisspof28.db
Dataset Pathname:	run6/STAT960
Presentation Format:	flow_mg
Dataset Creation:	Tue Oct 18 06:15:49 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0	LSPD_DYNAMIC (ft/min)	100	0	FLOW_DYNAMIC (cps)	100



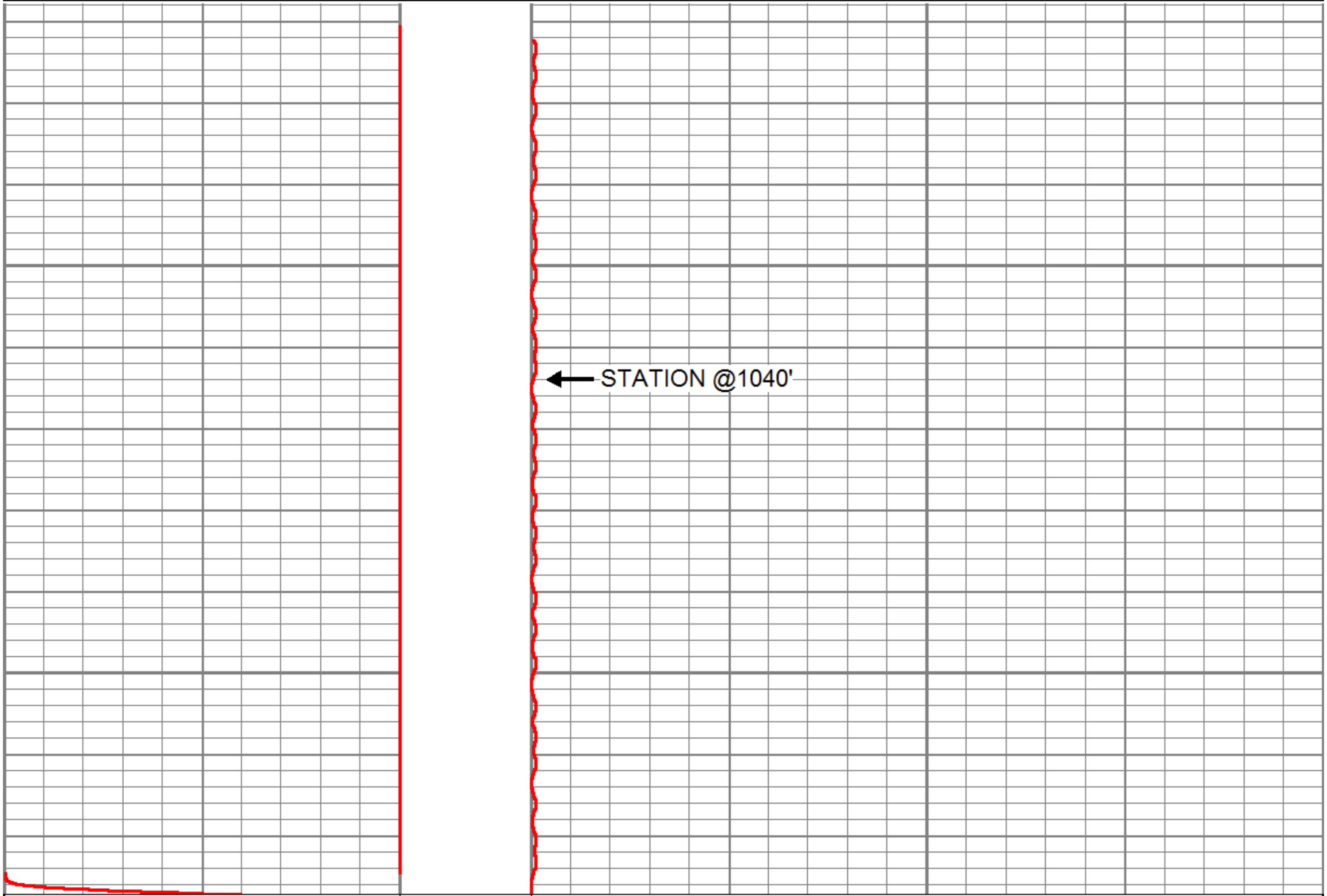
0	LSPD_DYNAMIC (ft/min)	100	0	FLOW_DYNAMIC (cps)	100

STATION @1040'

STATION @1040'

Database File: kisspof28.db
Dataset Pathname: run6/STAT1040
Presentation Format: flow_mg
Dataset Creation: Tue Oct 18 06:14:04 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100

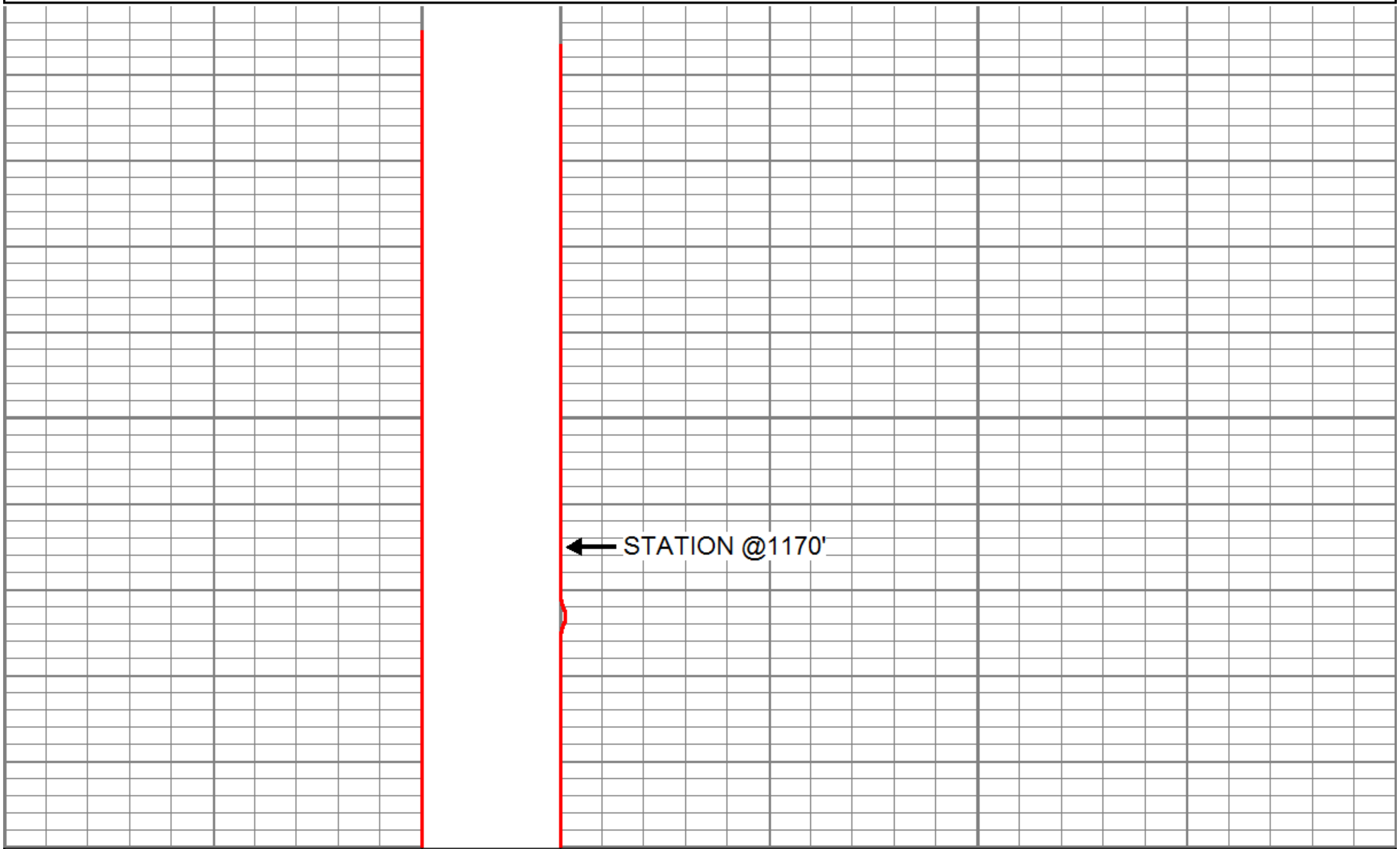


0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100

STATION @1110'

Database File: kisspof28.db
Dataset Pathname: run6/STAT1170
Presentation Format: flow_mg
Dataset Creation: Tue Oct 18 06:11:16 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100

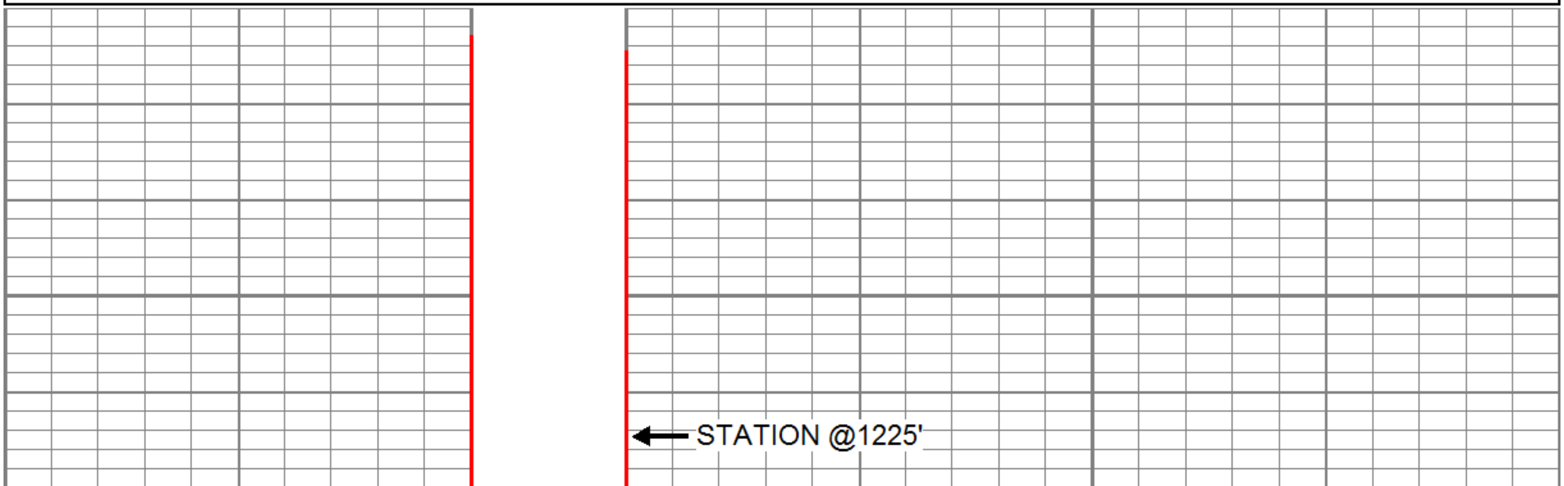


0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100

STATION @1225'

Database File: kisspof28.db
Dataset Pathname: run6/STAT1225
Presentation Format: flow_mg
Dataset Creation: Tue Oct 18 06:08:25 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100



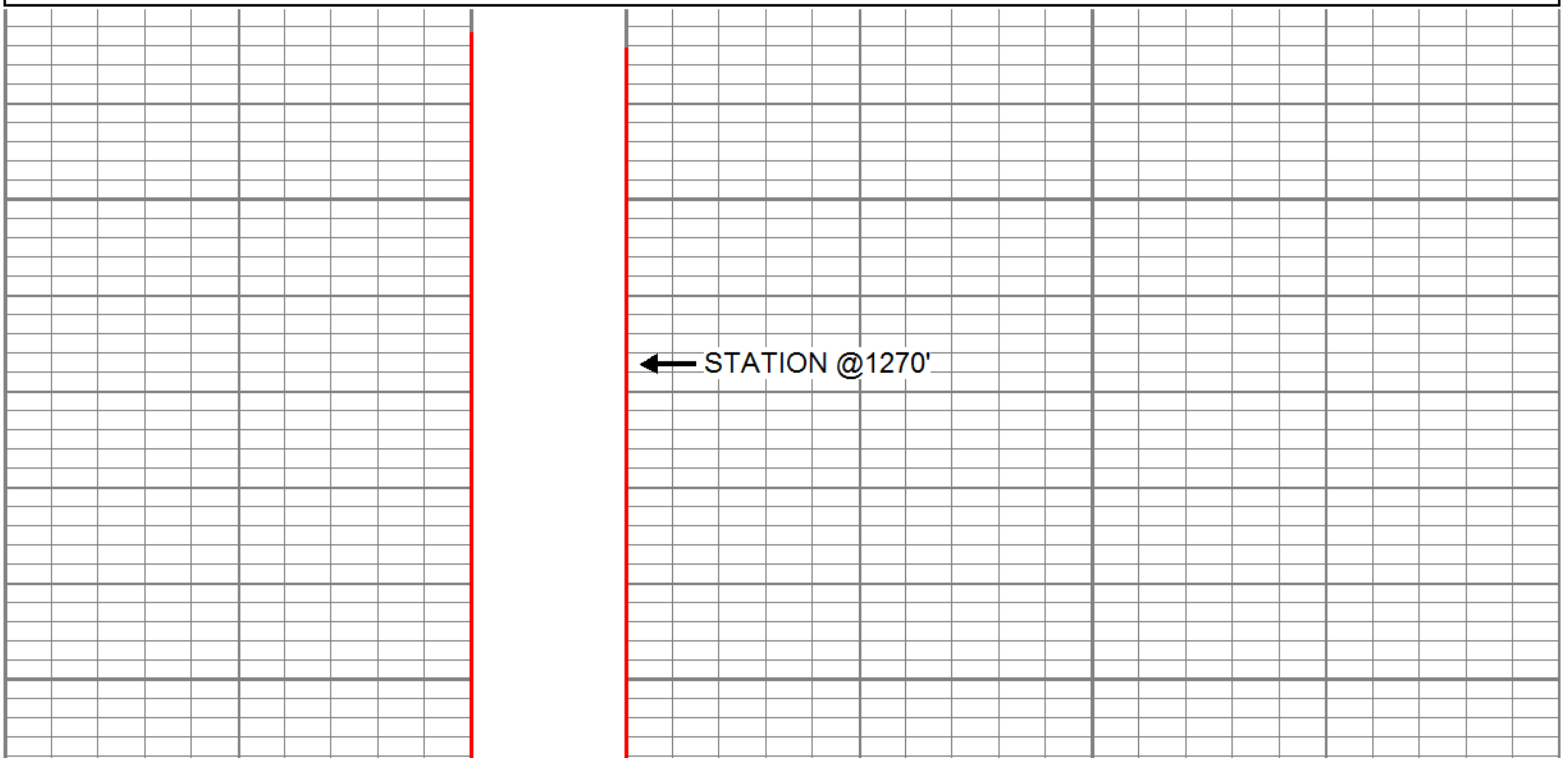
0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100

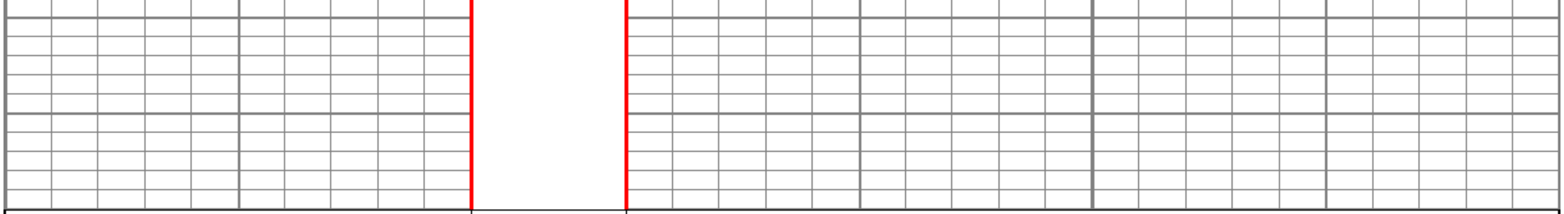
ALLWEBBS ENTERPRISES, INC.

STATION @1270'

Database File:	kisspof28.db
Dataset Pathname:	run6/STAT1270
Presentation Format:	flow_mg
Dataset Creation:	Tue Oct 18 06:05:26 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100





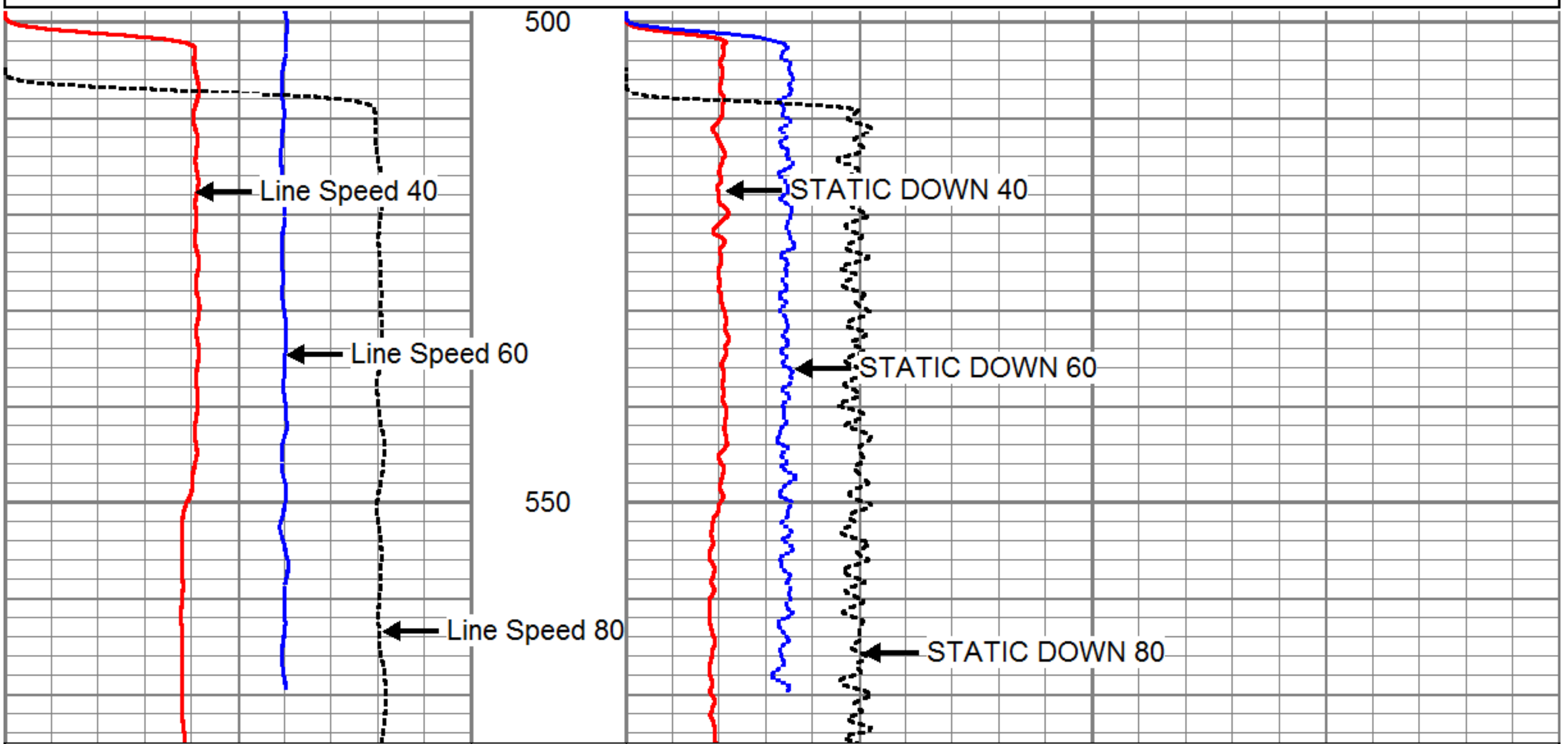
0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100

ALLWEBBS ENTERPRISES, INC.

CALS 40,60&80 FPM

Database File:	kisspof28.db
Dataset Pathname:	run6/FMCAL40
Presentation Format:	flow
Dataset Creation:	Tue Oct 18 03:48:14 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD _DOWN (ft/min) 100	0 FLOWP_ DOWN (cps) 100
0 LSPD60 (ft/min) 100	0 FLOWP60 (cps) 100
0 LSPD80 (ft/min) 100	0 FLOWP80 (cps) 100

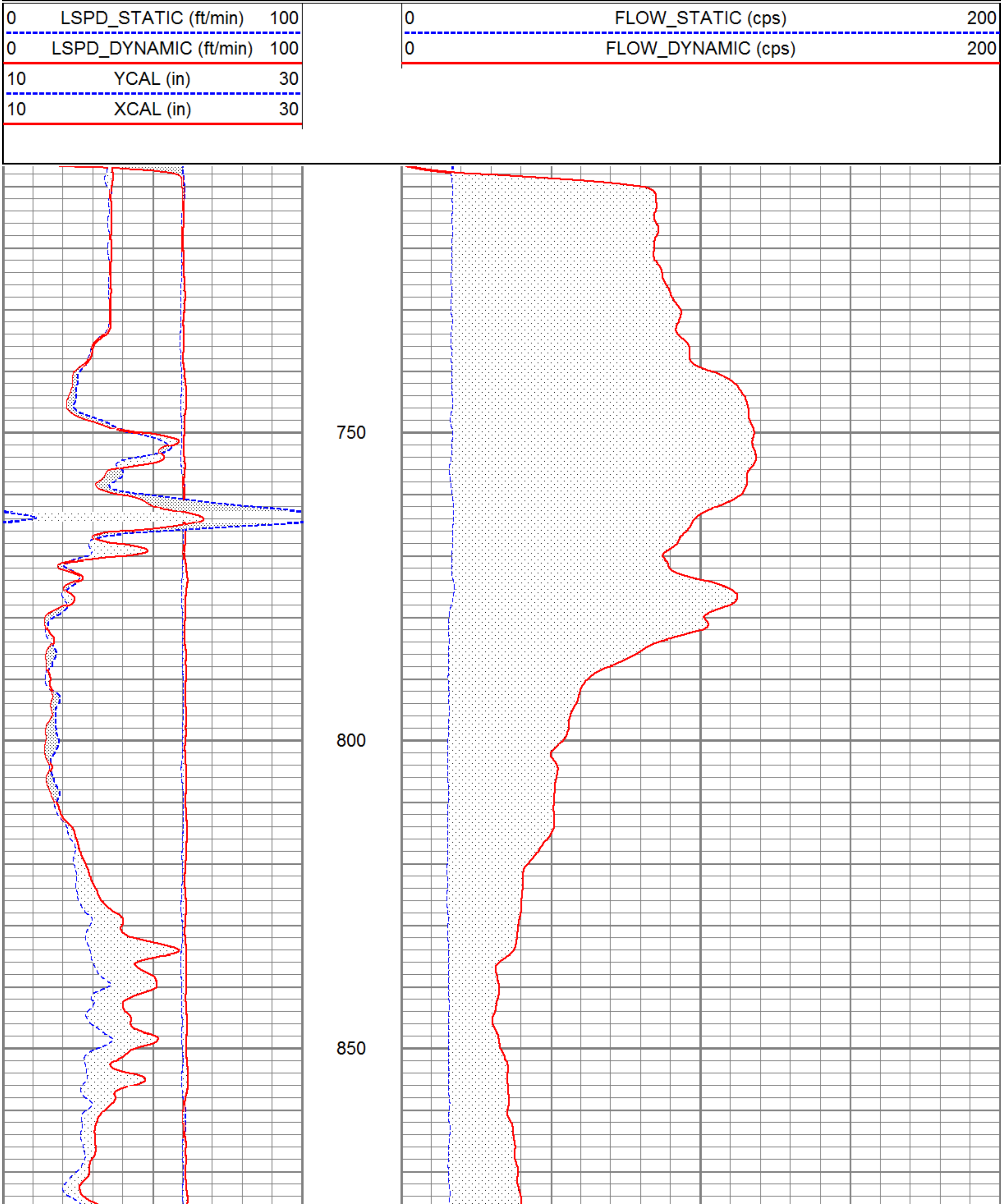


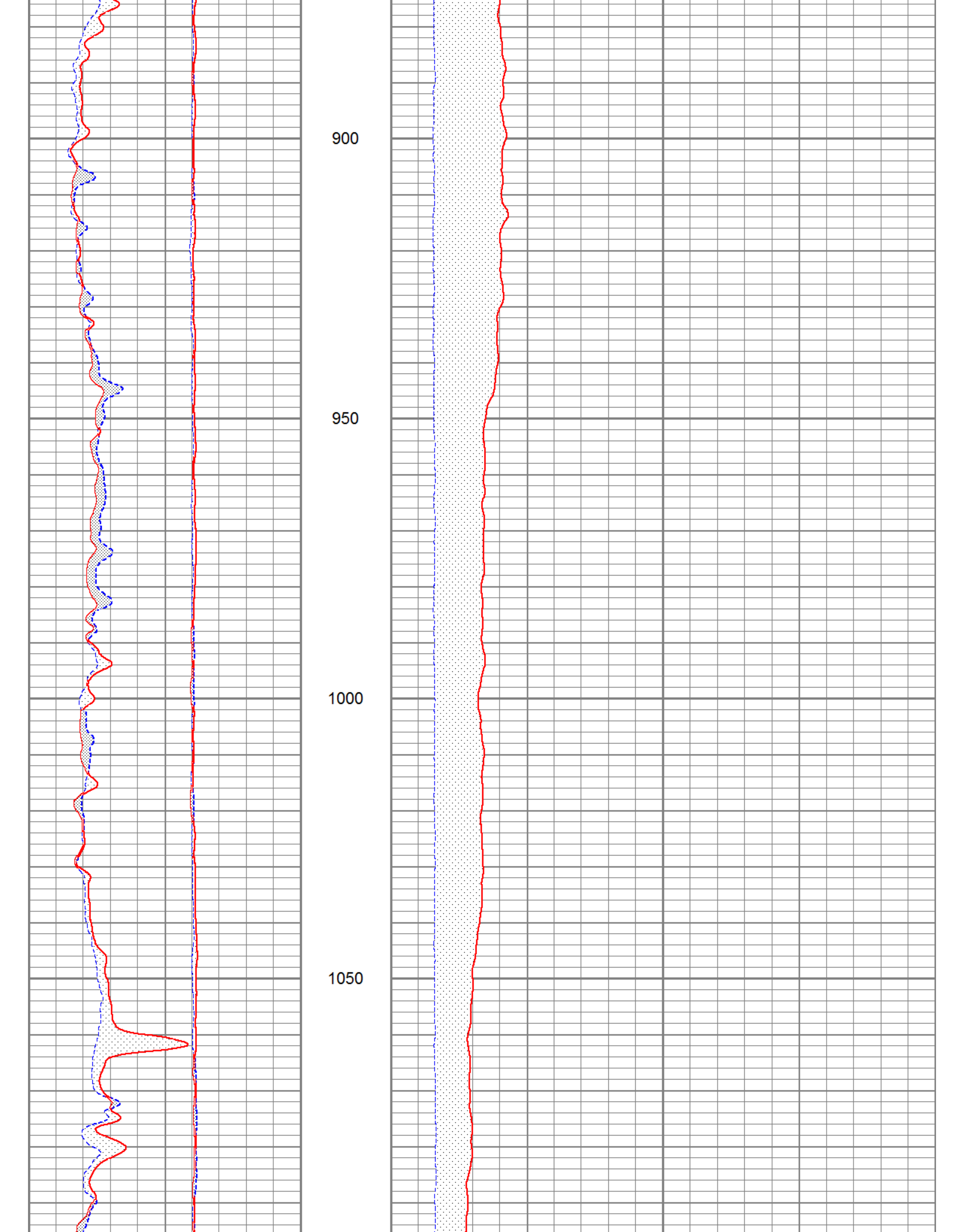
0 LSPD _DOWN (ft/min) 100	0 FLOWP_ DOWN (cps) 100
0 LSPD60 (ft/min) 100	0 FLOWP60 (cps) 100
0 LSPD80 (ft/min) 100	0 FLOWP80 (cps) 100

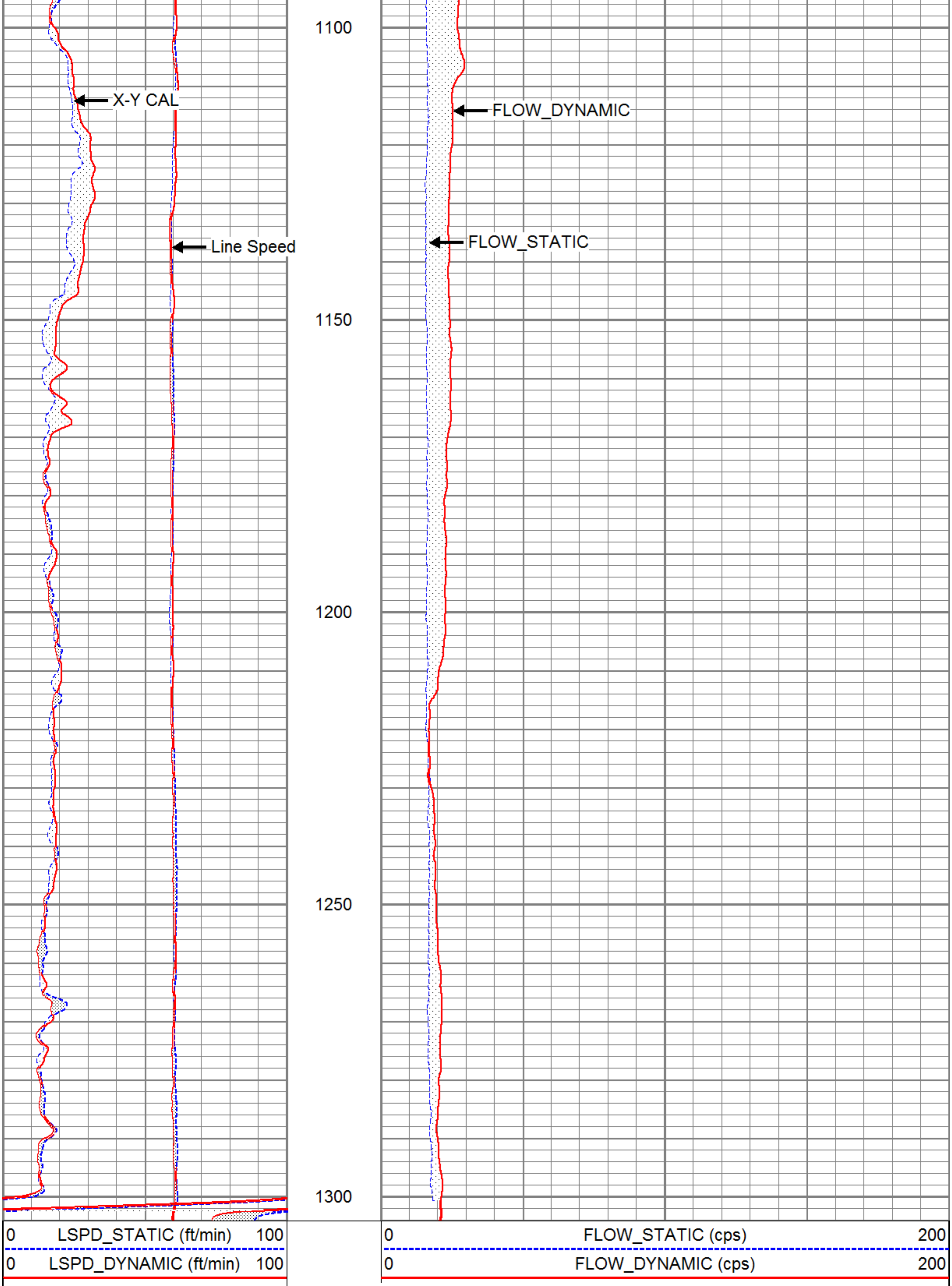
STATIC & DYNAMIC

ALLWEBBS
ENTERPRISES, INC.

Database File: kisspof28.db
Dataset Pathname: run6/FMDY1
Presentation Format: flow_mg
Dataset Creation: Tue Oct 18 05:48:11 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

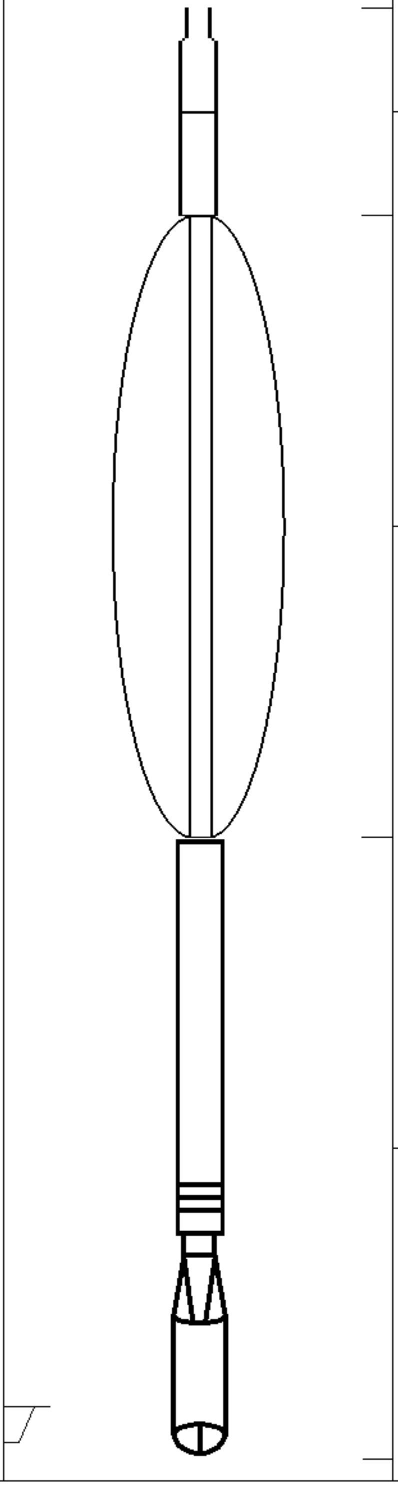



900
950
1000
1050

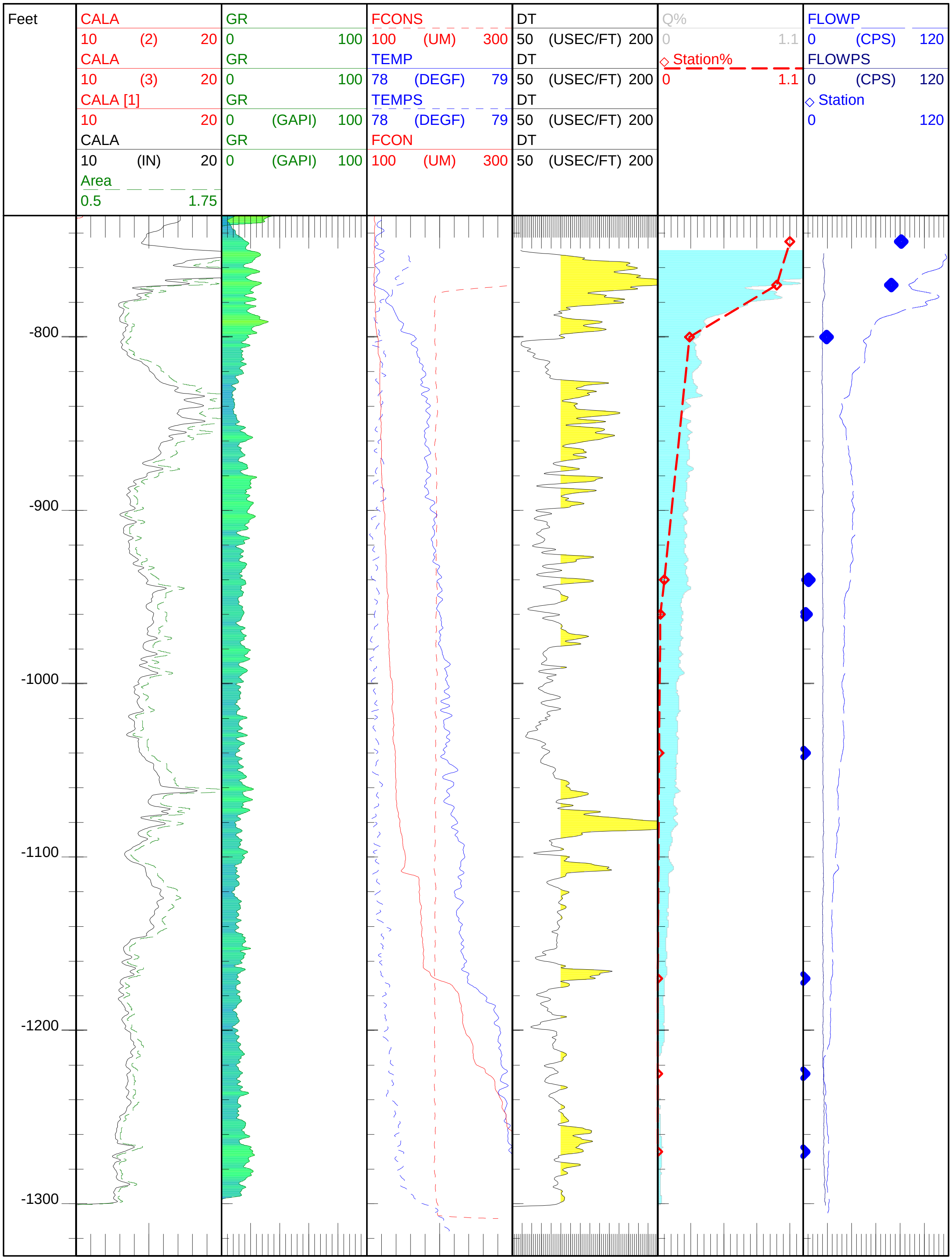


1100
1150
1200
1250
1300
X-Y CAL
Line Speed
FLOW_DYNAMIC
FLOW_STATIC
0 LSPD_STATIC (ft/min) 100
0 LSPD_DYNAMIC (ft/min) 100
0 FLOW_STATIC (cps) 200
0 FLOW_DYNAMIC (cps) 200

10	YCAL (in)	30
10	XCAL (in)	30

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CBLINLINE	3.00	1.50	10.00
			FLOWMETER-TITAN (TITAN_3") TITIN_3'	3.00	1.69	25.00
FLOWP	0.25					
FLOWN	0.25					

Dataset:	kisspof28.db: field/well/run6/FMDY1
Total Length:	7.00 ft
Total Weight:	40.00 lb
O.D.	1.69 in



Feet
CALA
10 (2) 20
CALA
10 (3) 20
CALA [1]
10 20
CALA
10 (IN) 20
Area
0.5 1.75
GR
0 100
GR
0 100
GR
0 (GAPI) 100
GR
0 (GAPI) 100
FCONS
100 (UM) 300
TEMP
78 (DEGF) 79
TEMPS
78 (DEGF) 79
FCON
100 (UM) 300
DT
50 (USEC/FT) 200
DT
50 (USEC/FT) 200
DT
50 (USEC/FT) 200
DT
50 (USEC/FT) 200
Q%
0 1.1
Station%
0 1.1
FLOWP
0 (CPS) 120
FLOWPS
0 (CPS) 120
Station
0 120
-800
-900
-1000
-1100
-1200
-1300

X-Y CALIPER GAMMA RAY LOG

ALLWEBBS ENTERPRISES, INC.

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	17-OCT-2011		
Run Number	SIX		
Depth Driller	1305'		
Depth Logger	1305'		
Bottom Logged Interval	1305'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8"	SURFACE	350'	FIVE	23"	CASING	750'
TWO	28"	CASING	290'				
THREE	10.625"	CASING	530'				
FOUR	10.625"	530'	750'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner				

<<< Fold Here >>>

Comments

FCT
DIL/LL3/SP
BHC/SONIC/VDL
FLOWMETER
DHTVS

ALLWEBBS

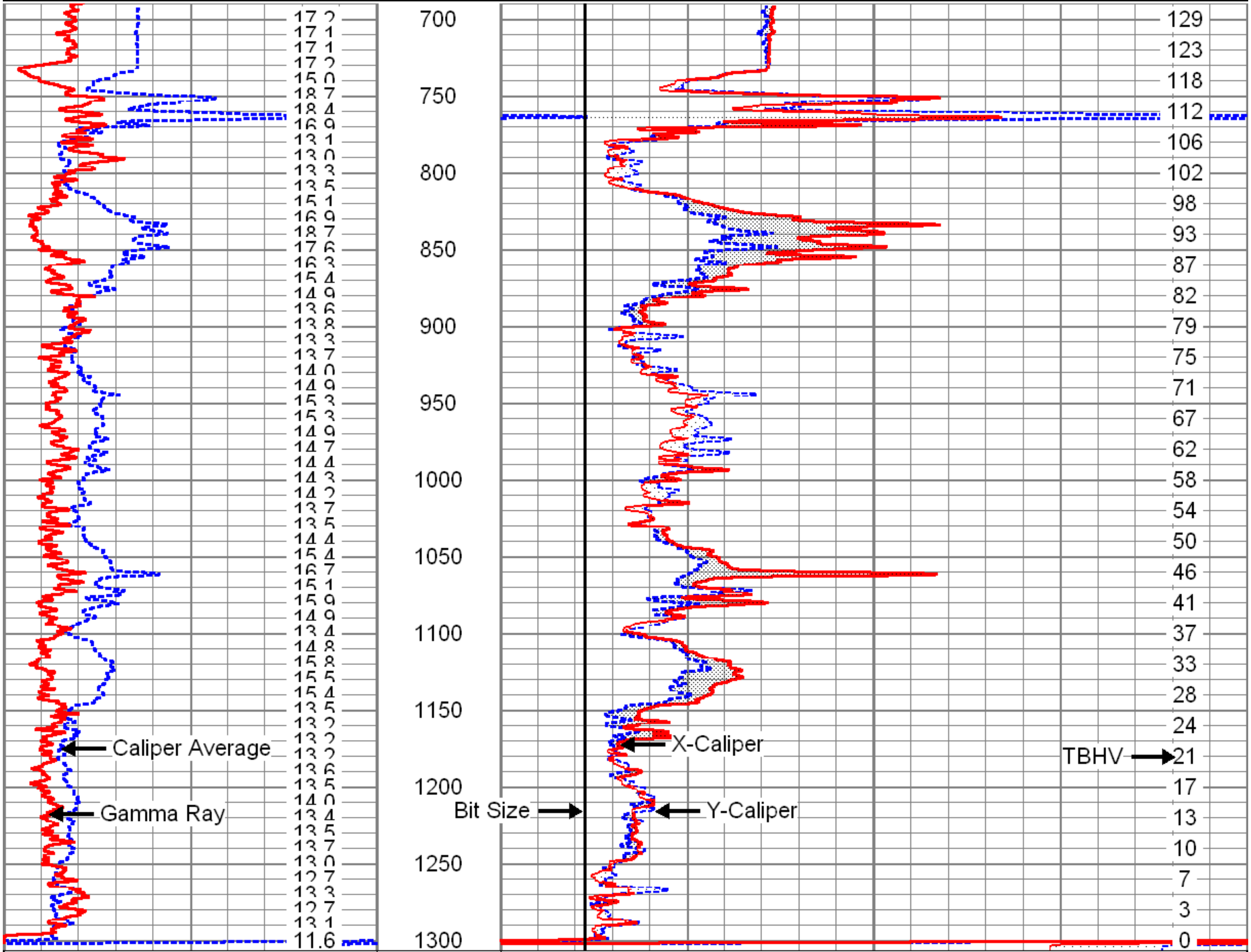
MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof28.db
Dataset Pathname:	run6/XYCMP1
Presentation Format:	xyc
Dataset Creation:	Tue Oct 18 00:09:01 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	



10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

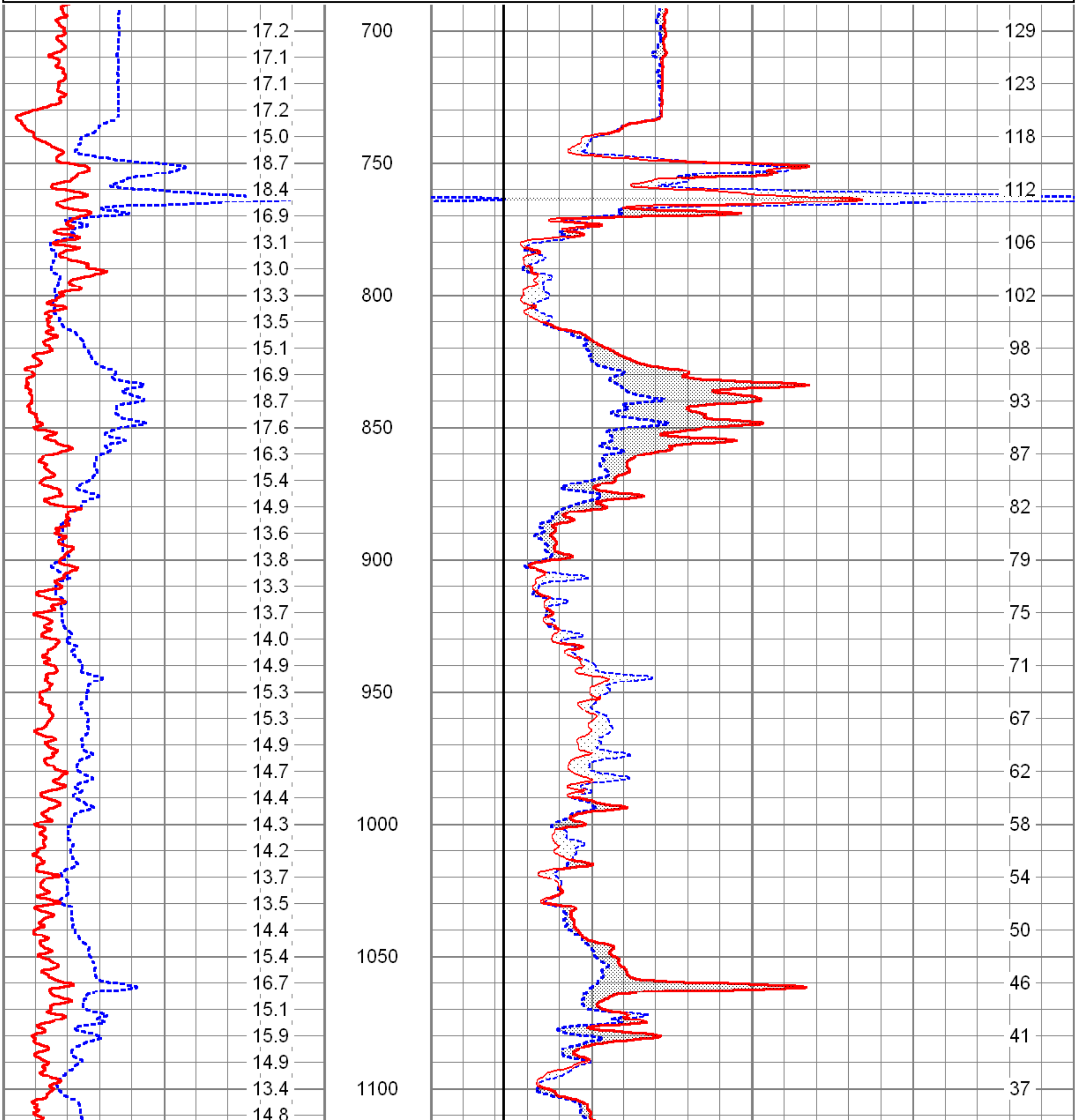
10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	

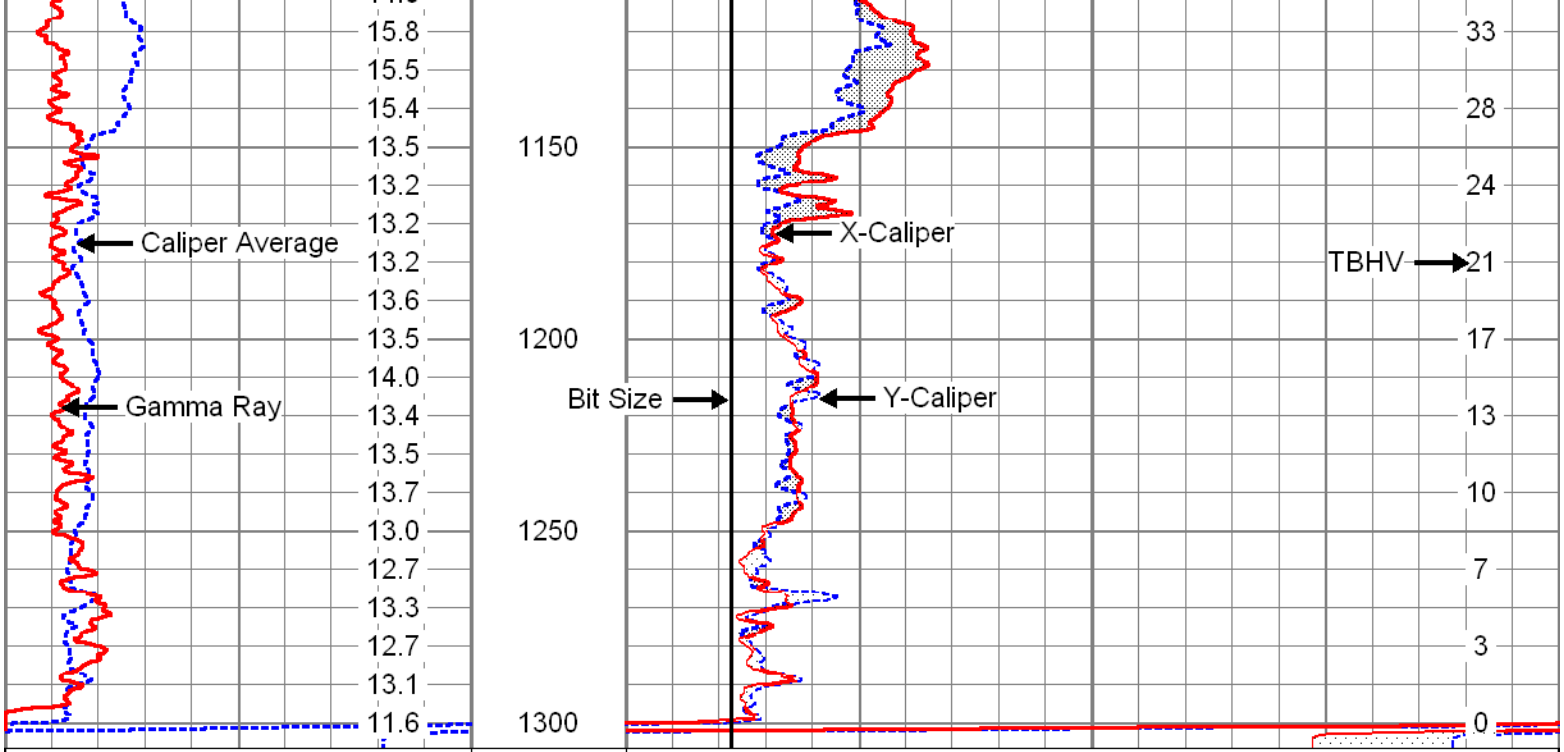
MAIN PASS

ALLWEBBS
ENTERPRISES, INC.

Database File: kisspof28.db
Dataset Pathname: run6/XYCMP1
Presentation Format: xyc
Dataset Creation: Tue Oct 18 00:09:01 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
	CALA (in)		10	Borehole ID (in)	30
				TBHV (bbl)	





10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	

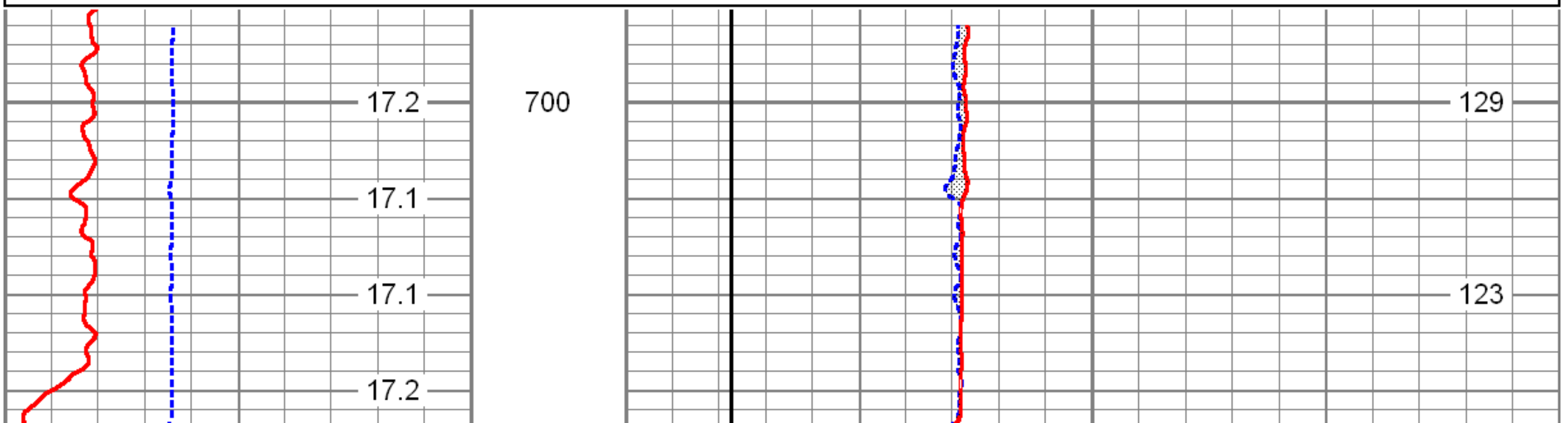
ALLWEBBS ENTERPRISES, INC.

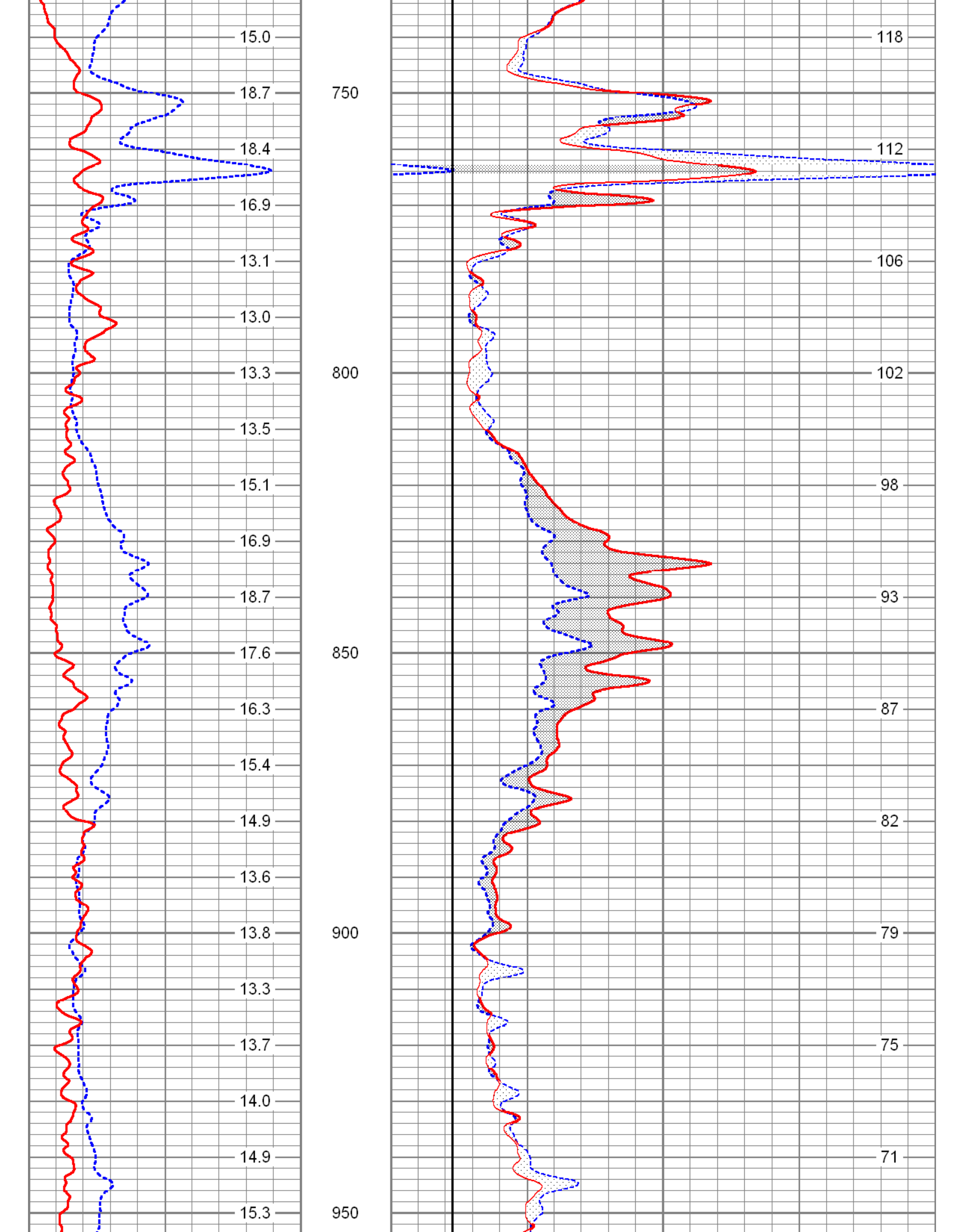
MAIN PASS

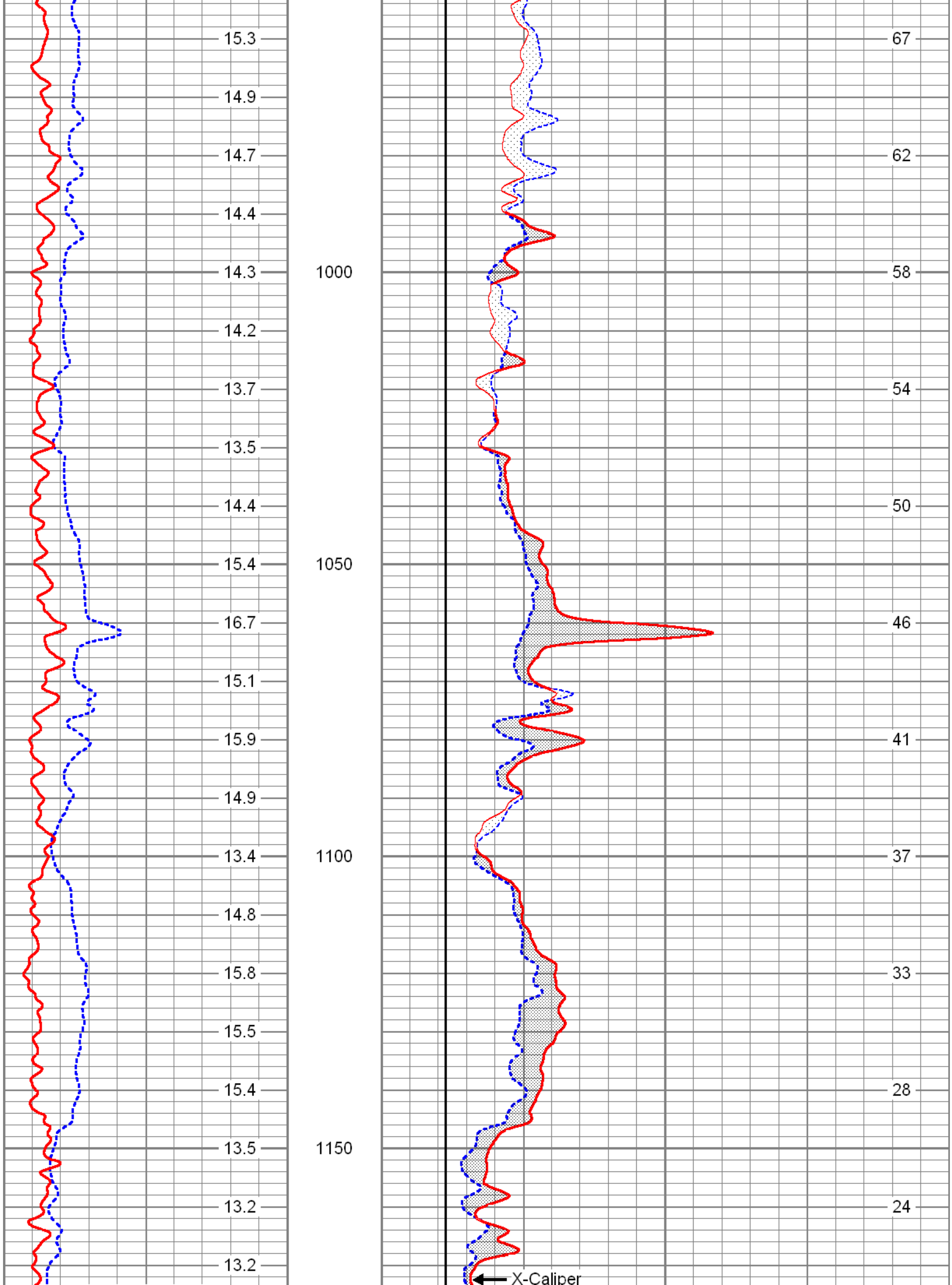
Database File: kisspof28.db
Dataset Pathname: run6/XYCMP1
Presentation Format: xyc
Dataset Creation: Tue Oct 18 00:09:01 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

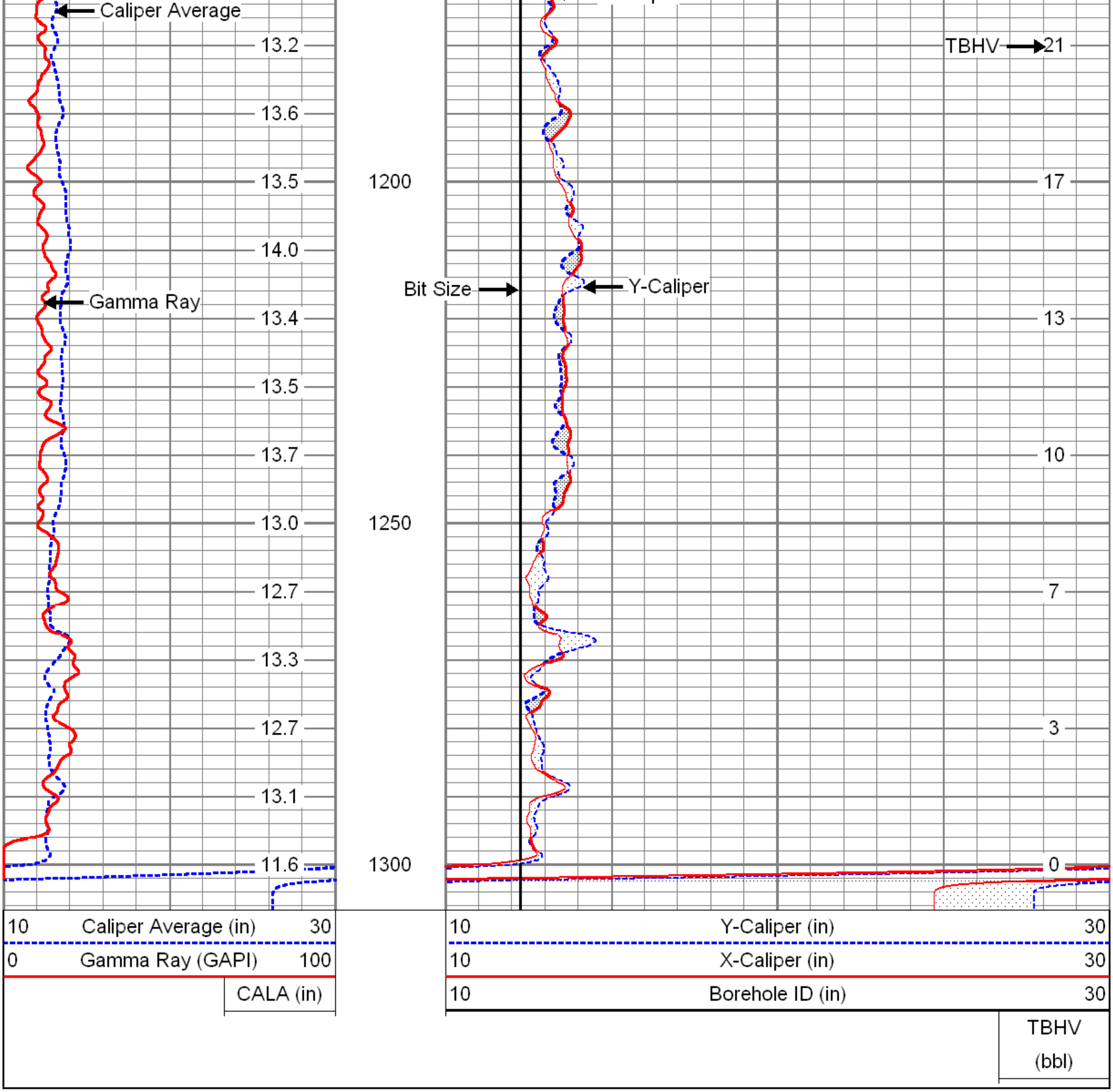
10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	




15.0
18.7
750
18.4
16.9
13.1
13.0
13.3
800
13.5
15.1
16.9
18.7
17.6
850
16.3
15.4
14.9
13.6
13.8
900
13.3
13.7
14.0
14.9
15.3
950
118
112
106
102
98
93
87
82
79
75
71



15.3
14.9
14.7
14.4
14.3
14.2
13.7
13.5
14.4
15.4
16.7
15.1
15.9
14.9
13.4
14.8
15.8
15.5
15.4
13.5
13.2
13.2
1000
1050
1100
1150
67
62
58
54
50
46
41
37
33
28
24
X-Caliper

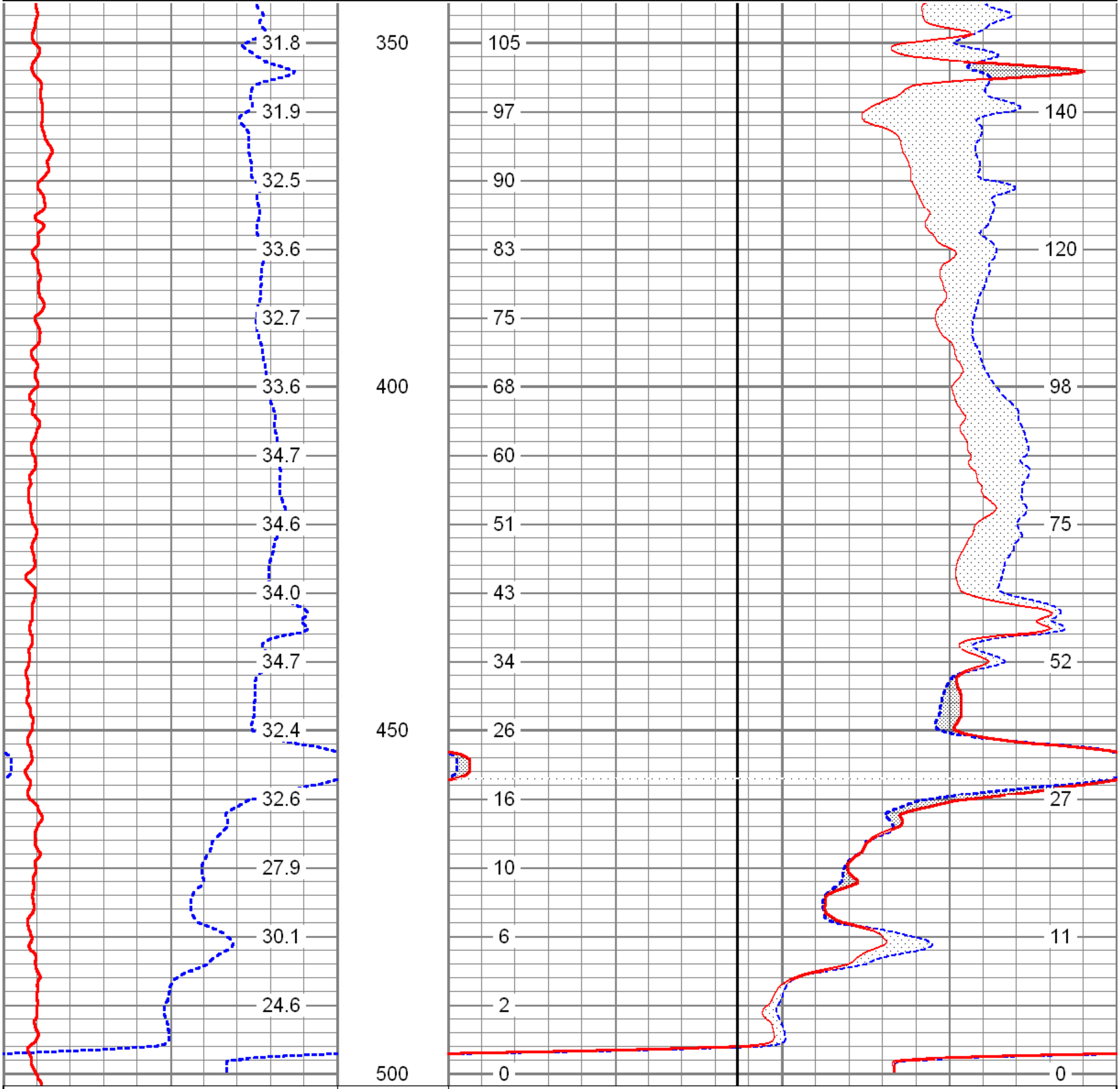


REPEAT PASS

Database File: kisspof28.db
Dataset Pathname: run5/XYCRP
Presentation Format: xyc
Dataset Creation: Wed Sep 21 13:42:14 2011 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

10	Caliper Average (in)	40	10	Y-Caliper (in)	40
0	Gamma Ray (GAPI)	200	10	X-Caliper (in)	40
	CALA (in)		10	Borehole ID (in)	40

ABHV (bbl)	TBHV (bbl)



10	Caliper Average (in)	40
0	Gamma Ray (GAPI)	200
	CALA (in)	

10	Y-Caliper (in)	40
10	X-Caliper (in)	40
10	Borehole ID (in)	40

ABHV (bbl)	TBHV (bbl)

Calibration Report

Database File: kisspof28.db
Dataset Pathname: run6/XYCMP1
Dataset Creation: Tue Oct 18 00:09:01 2011 by Calc Open-Cased 071220

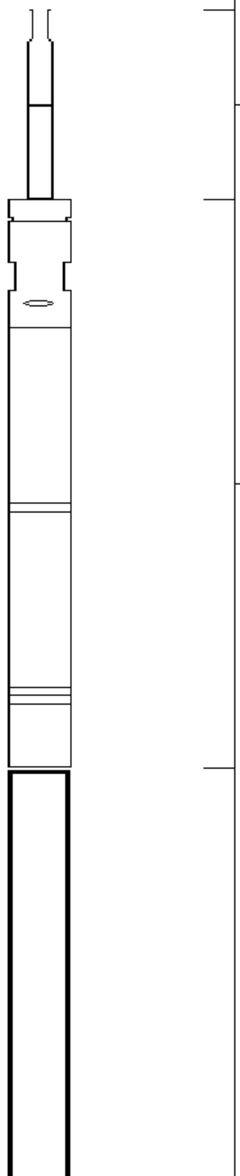
XY Caliper Calibration Report

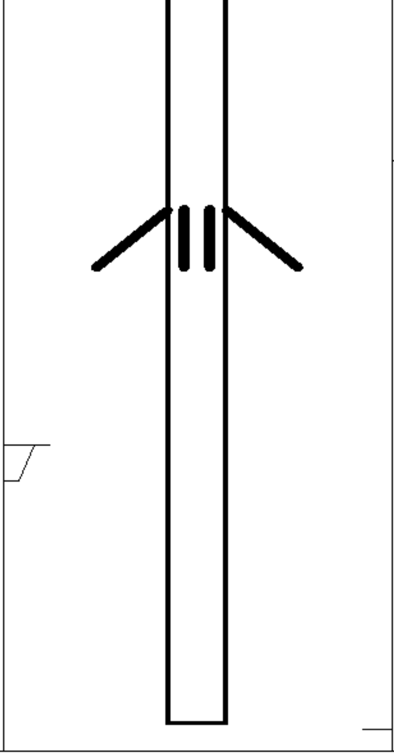
Serial Number/Model: SDSDEMO-XY
Performed: Mon Oct 17 23:40:38 2011

Ring			X Caliper		Y Caliper	
1:	10	in	395	cps	373.152	cps
2:	17.25	in	508.3	cps	494.3	cps
3:	20	in	539.243	cps	531.892	cps
4:	30	in	709.565	cps	699.891	cps
5:	40	in	897.717	cps	901.522	cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	SDS	
Tool Model:	SDSGR	
Performed:	Mon Oct 17 23:40:47 2011	
Calibrator Value:	120.0	GAPI
Background Reading:	117.8	cps
Calibrator Reading:	585.1	cps
Sensitivity:	0.2568	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			GR-SDSGR (SDS) GR for Testing	3.00	1.69	20.00
GR	7.00					

XCAL YCAL	1.50 1.50		XYC-XY (SDSDEMO) LGL_XYC_MM	6.00	3.50	100.00

Dataset: kisspof28.db: field/well/run6/XYCMP1
Total Length: 10.00 ft
Total Weight: 125.00 lb
O.D. 3.50 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

BOREHOLE COMPENSATED SONIC/VDL LOG

Company SOUTH FLORIDA MGT. DISTRICT

Well POF #28

Field KISSIMMEE BASIN (LFA)

County POLK State FLORIDA

Location: API # :

Other Services SEE COMMENTS

SEC TWP RGE

Permanent Datum PAD Elevation

Log Measured From PAD

Drilling Measured From PAD

Elevation K.B. D.F. G.L.

Date	21-DEC-2011
Run Number	EIGHT
Depth Driller	2705'
Depth Logger	2730'
Bottom Logged Interval	2730'
Top Log Interval	CASING
Open Hole Size	10.625"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	90.1 DEFG
Estimated Cement Top	SURFACE
Time Well Ready	00:00
Time Logger on Bottom	00:00
Equipment Number	VA-203
Location	JUPITER
Recorded By	LEE
Witnessed By	

Borehole Record

Run Number	Bit	From	To
ONE	8.00"	SURFACE	350'
TWO	28.00"	CASING	290'
THREE	10.625"	CASING	530'
FOUR	10.625"	530'	750'
FIVE	23.00"	CASING	750'
SIX	12.25"	CASING	1305'
SEVEN	17.00"	CASING	1300'
EIGHT	10.625"	CASING	2705'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner	12"	.375 W.T	SURFACE	1297'

<<< Fold Here >>>

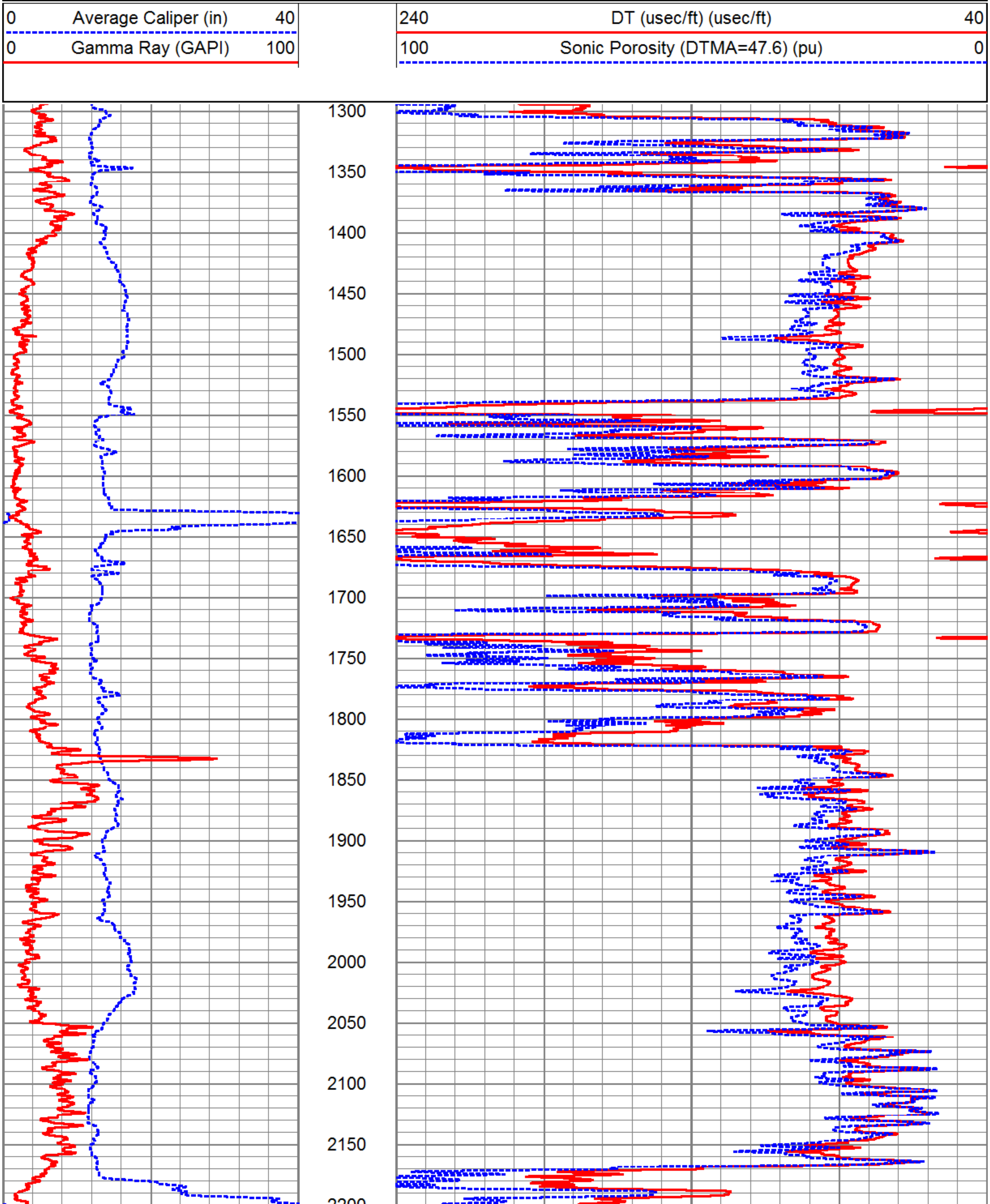
Comments

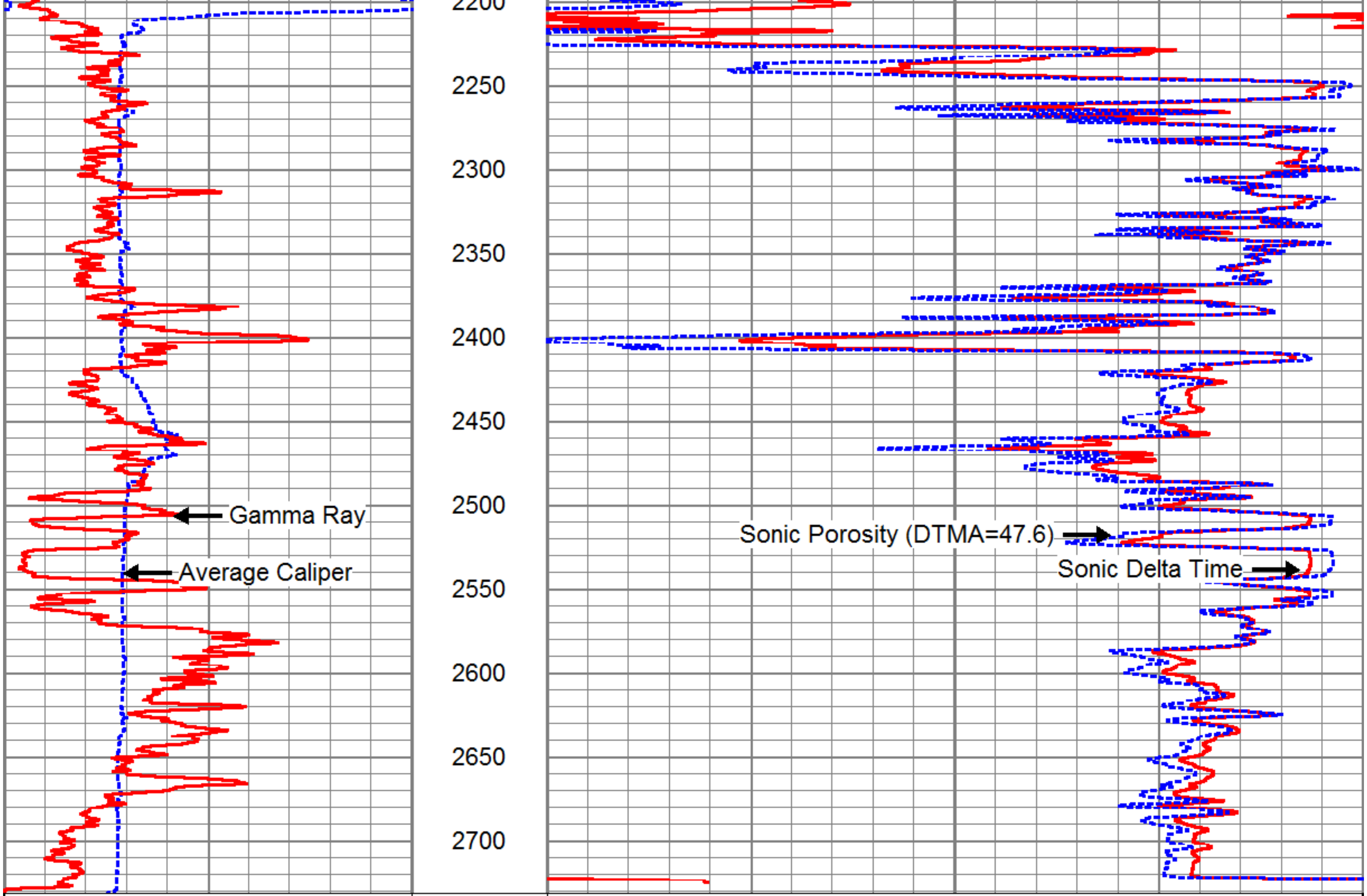
XYC/GR
DIL/LL3/SP
FLOWMETER
FCT
DHTVS

MAIN PASS

ENTERPRISES, INC.

Database File: kisspof28_2.db
Dataset Pathname: run8/BHCMP
Presentation Format: bhc_por
Dataset Creation: Wed Dec 21 13:12:39 2011
Charted by: Depth in Feet scaled 1:1200





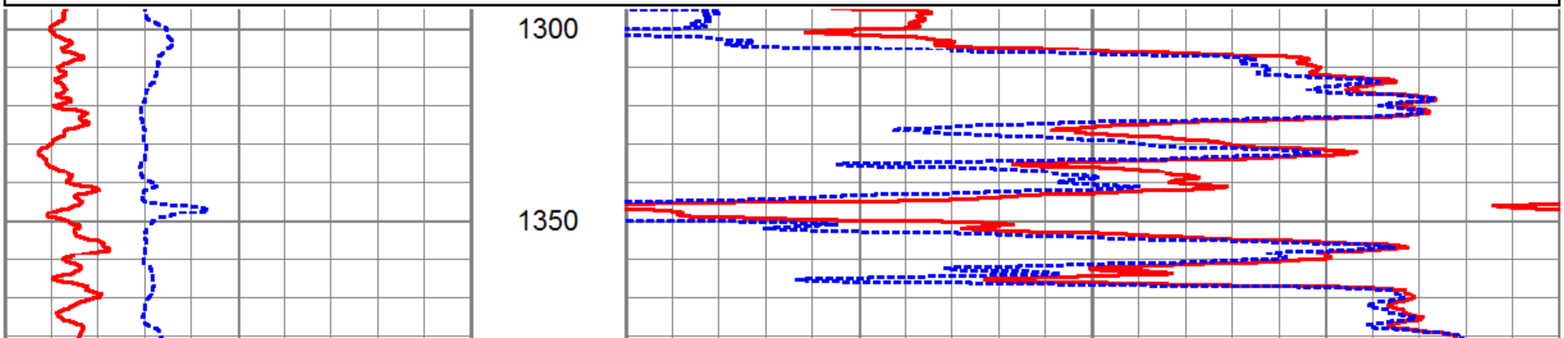
0	Average Caliper (in)	40	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray (GAPI)	100	100	Sonic Porosity (DTMA=47.6) (pu)	0

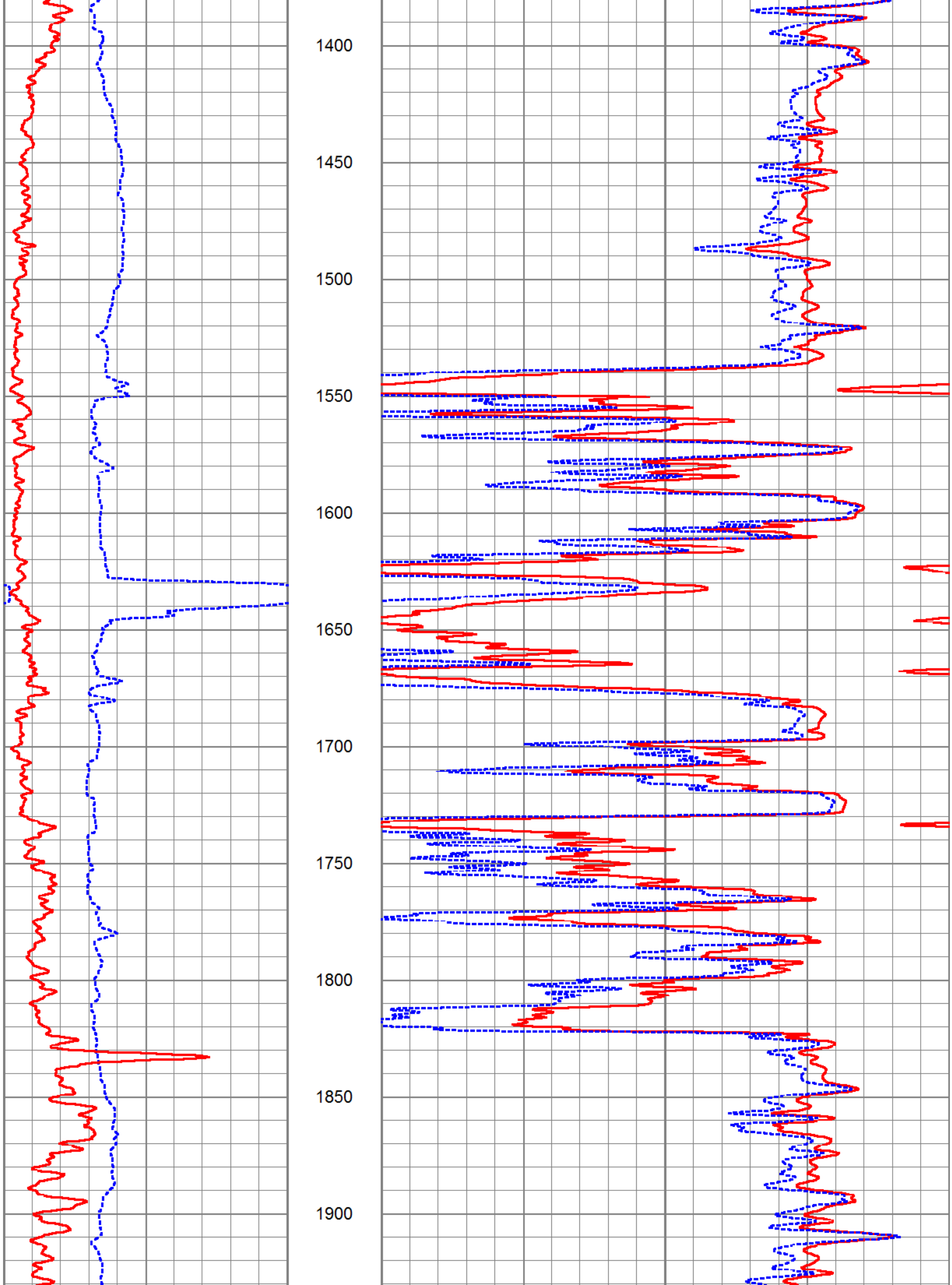
ALLWEBBS ENTERPRISES, INC.

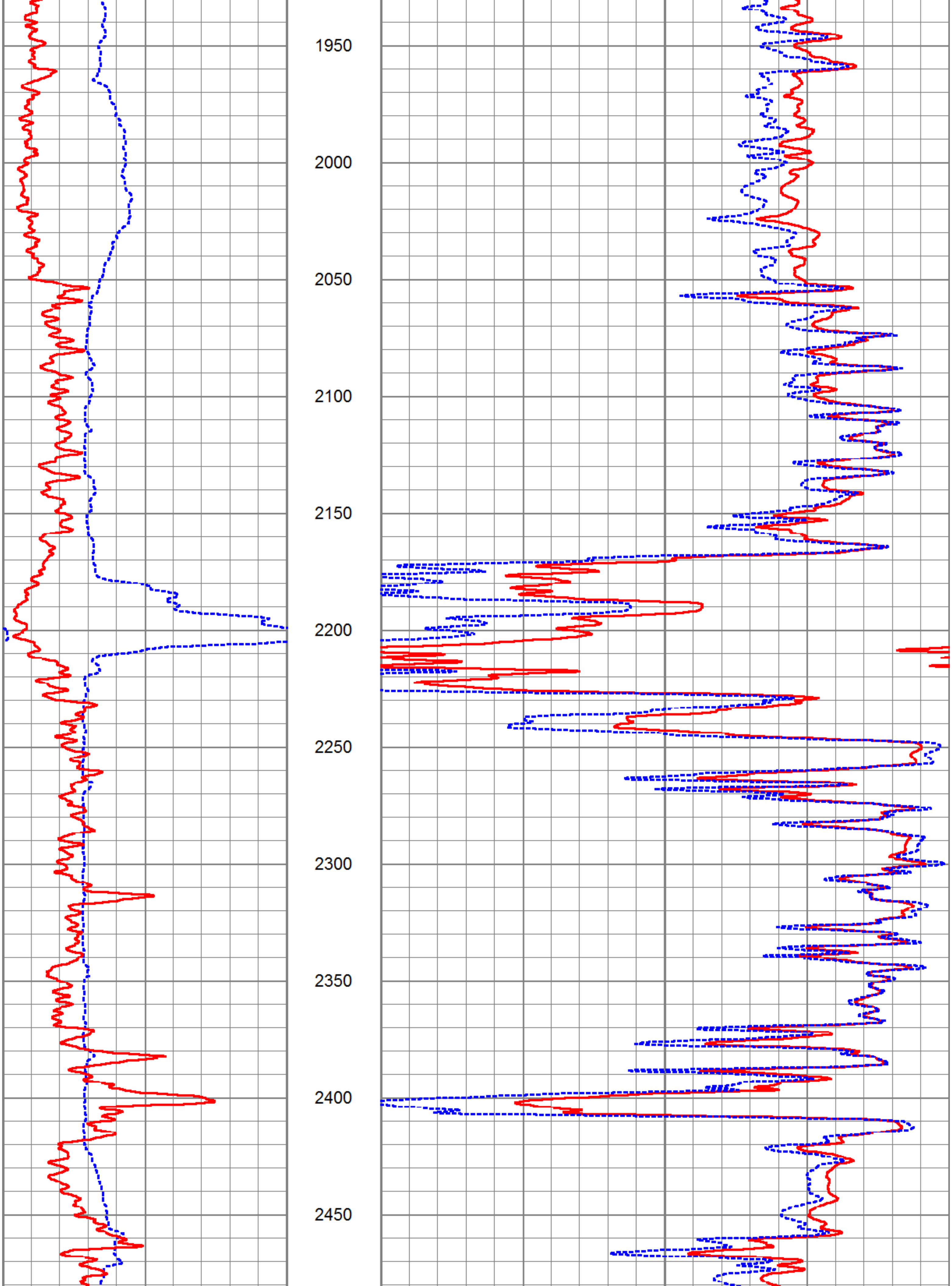
MAIN PASS

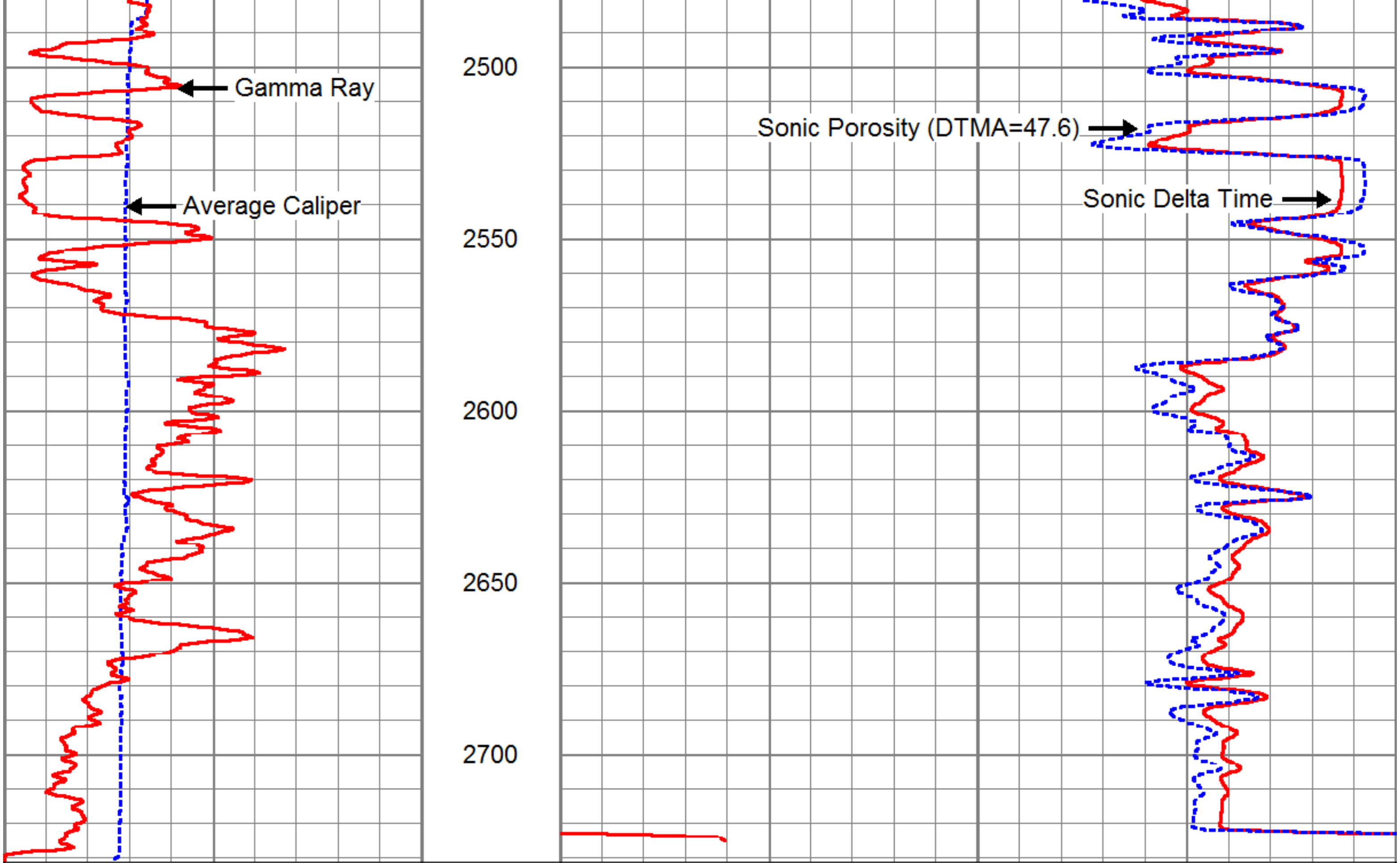
Database File: kisspof28_2.db
Dataset Pathname: run8/BHCMP
Presentation Format: bhc_por
Dataset Creation: Wed Dec 21 13:12:39 2011
Charted by: Depth in Feet scaled 1:600

0	Average Caliper (in)	40	240	DT (usec/ft) (usec/ft)	40
0	Gamma Ray (GAPI)	100	100	Sonic Porosity (DTMA=47.6) (pu)	0




1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900


1950
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450

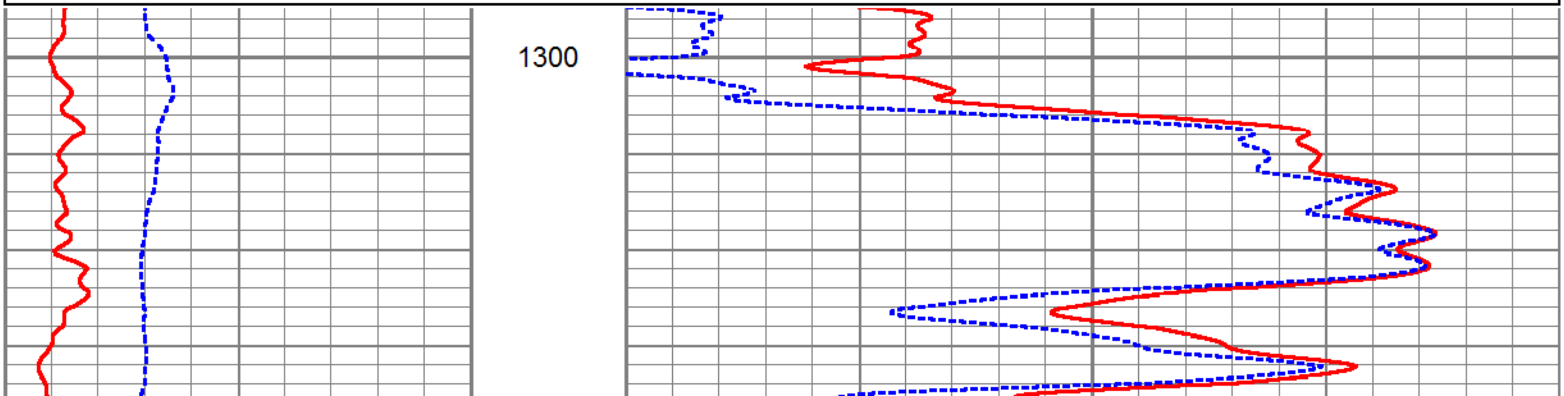


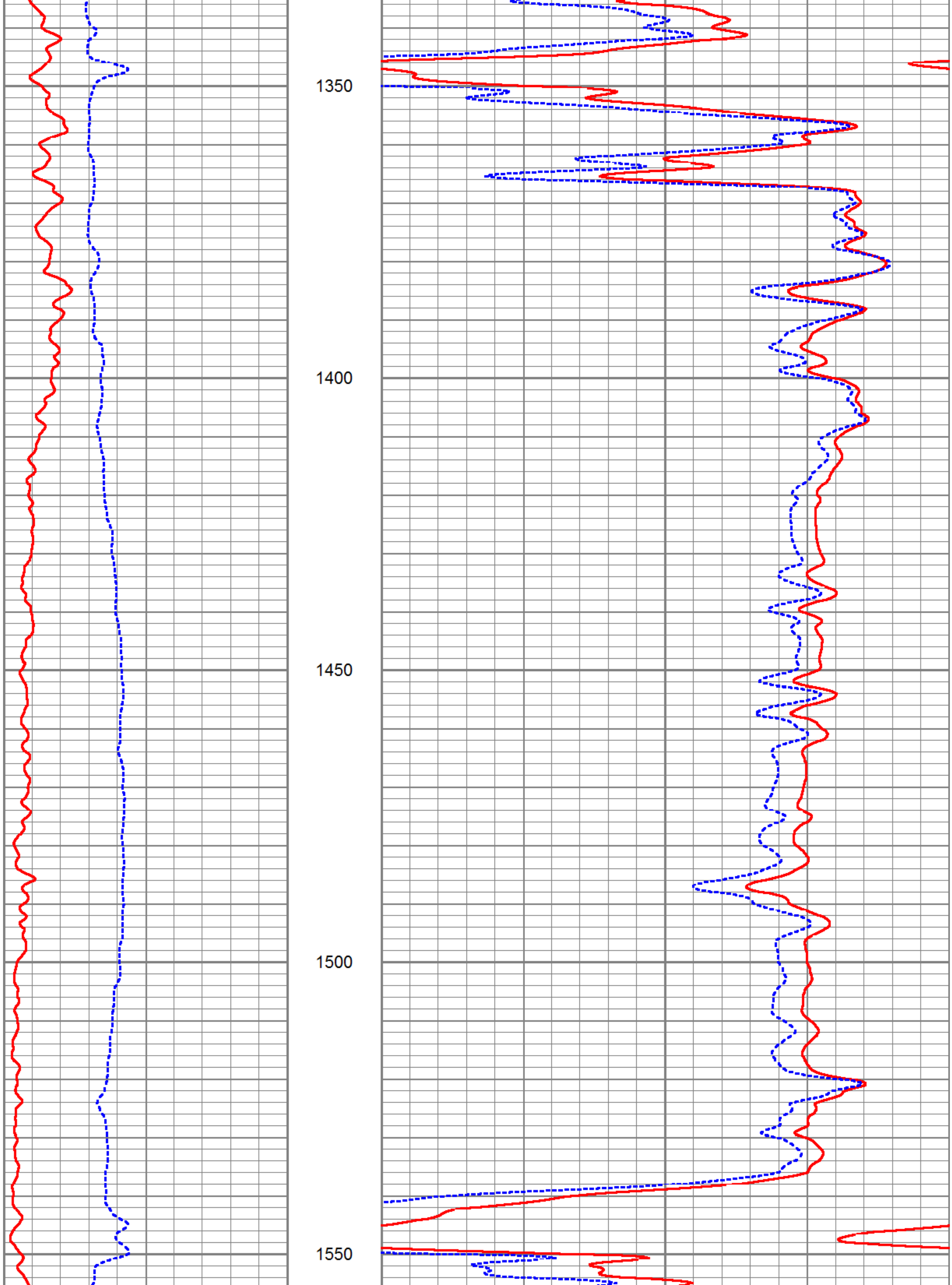
0 Average Caliper (in) 40		240 DT (usec/ft) (usec/ft) 40
0 Gamma Ray (GAPI) 100		100 Sonic Porosity (DTMA=47.6) (pu) 0

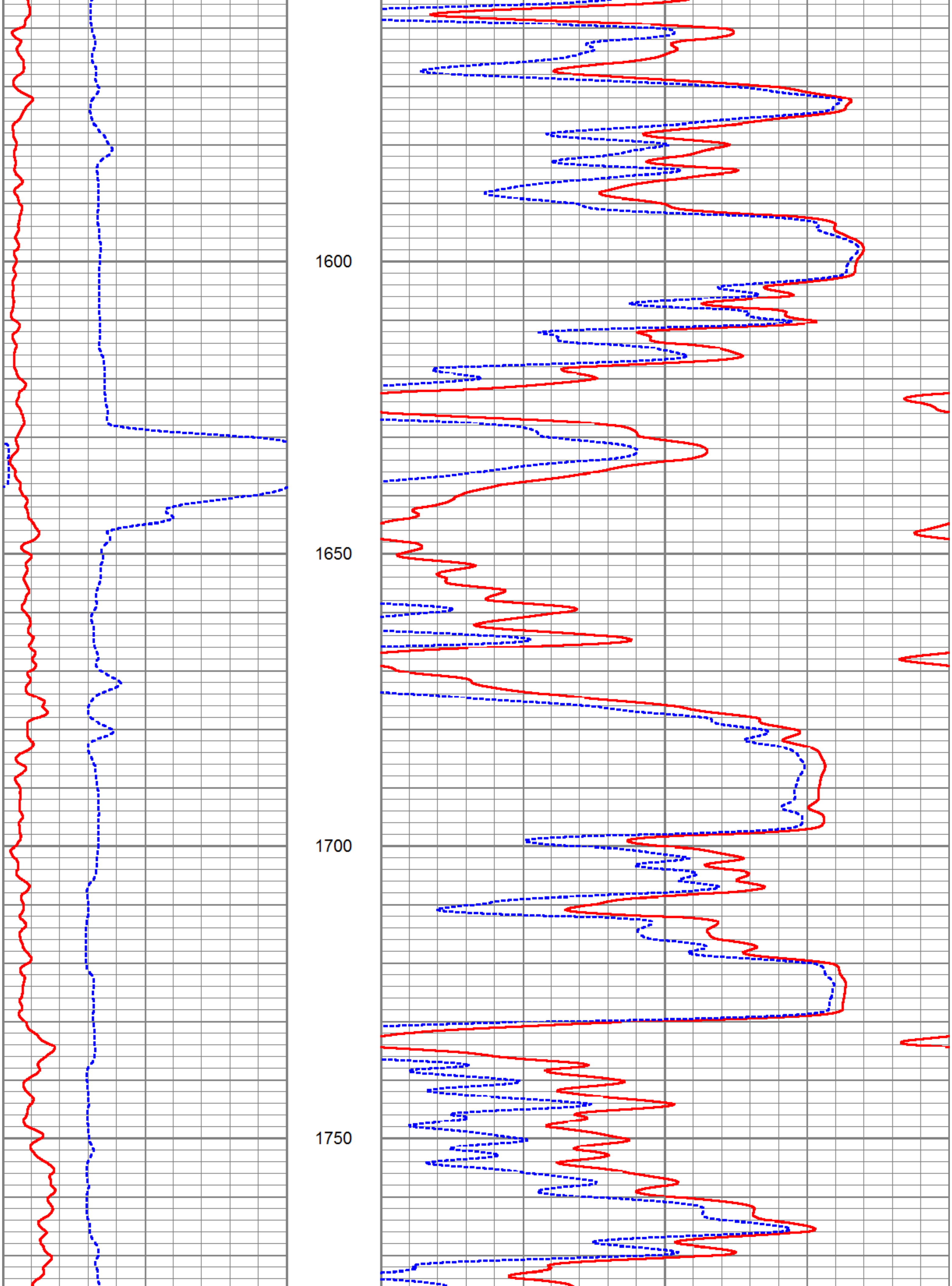
MAIN PASS

Database File: kisspof28_2.db
Dataset Pathname: run8/BHCMP
Presentation Format: bhc_por
Dataset Creation: Wed Dec 21 13:12:39 2011
Charted by: Depth in Feet scaled 1:240

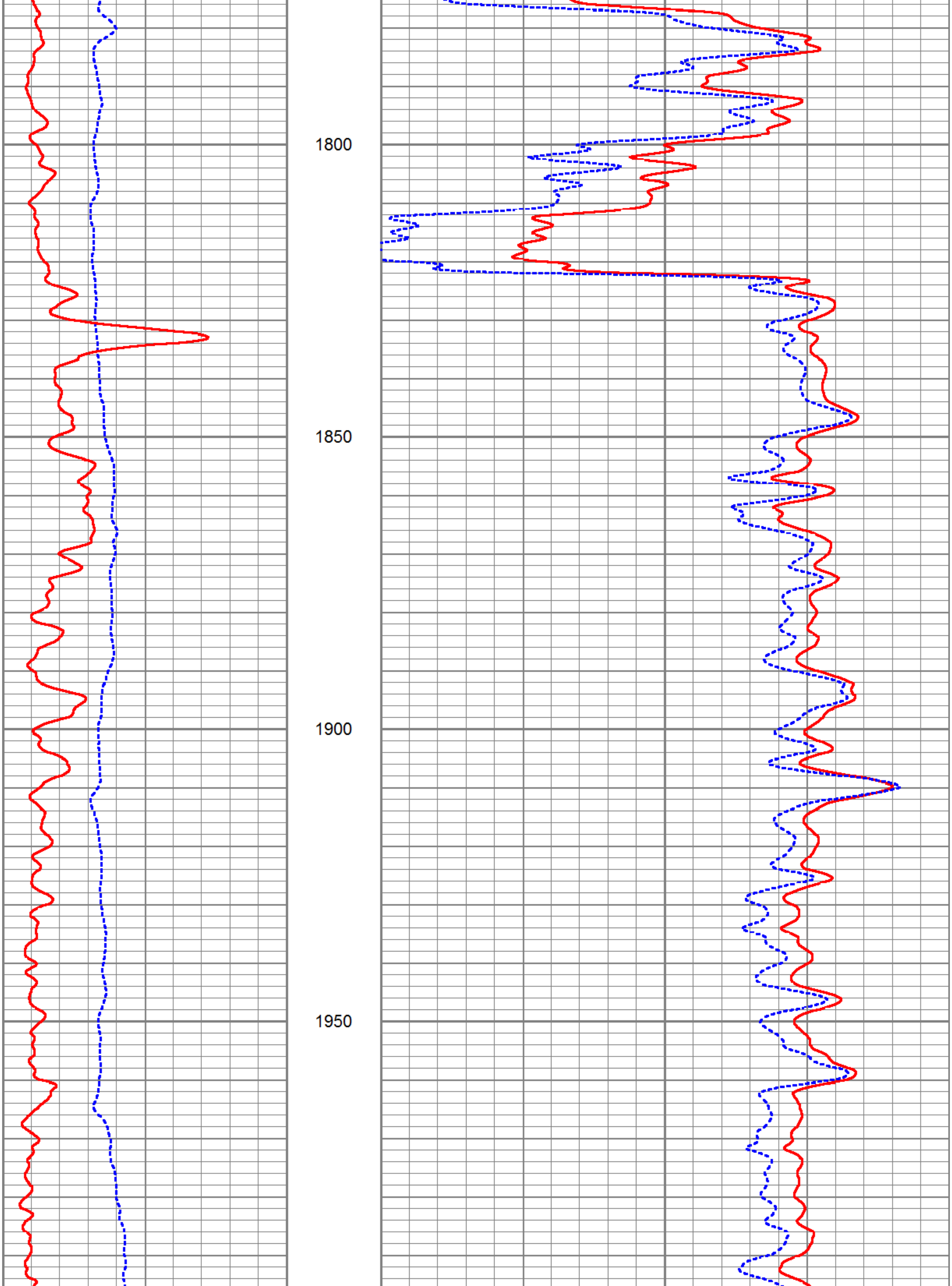
0 Average Caliper (in) 40		240 DT (usec/ft) (usec/ft) 40
0 Gamma Ray (GAPI) 100		100 Sonic Porosity (DTMA=47.6) (pu) 0



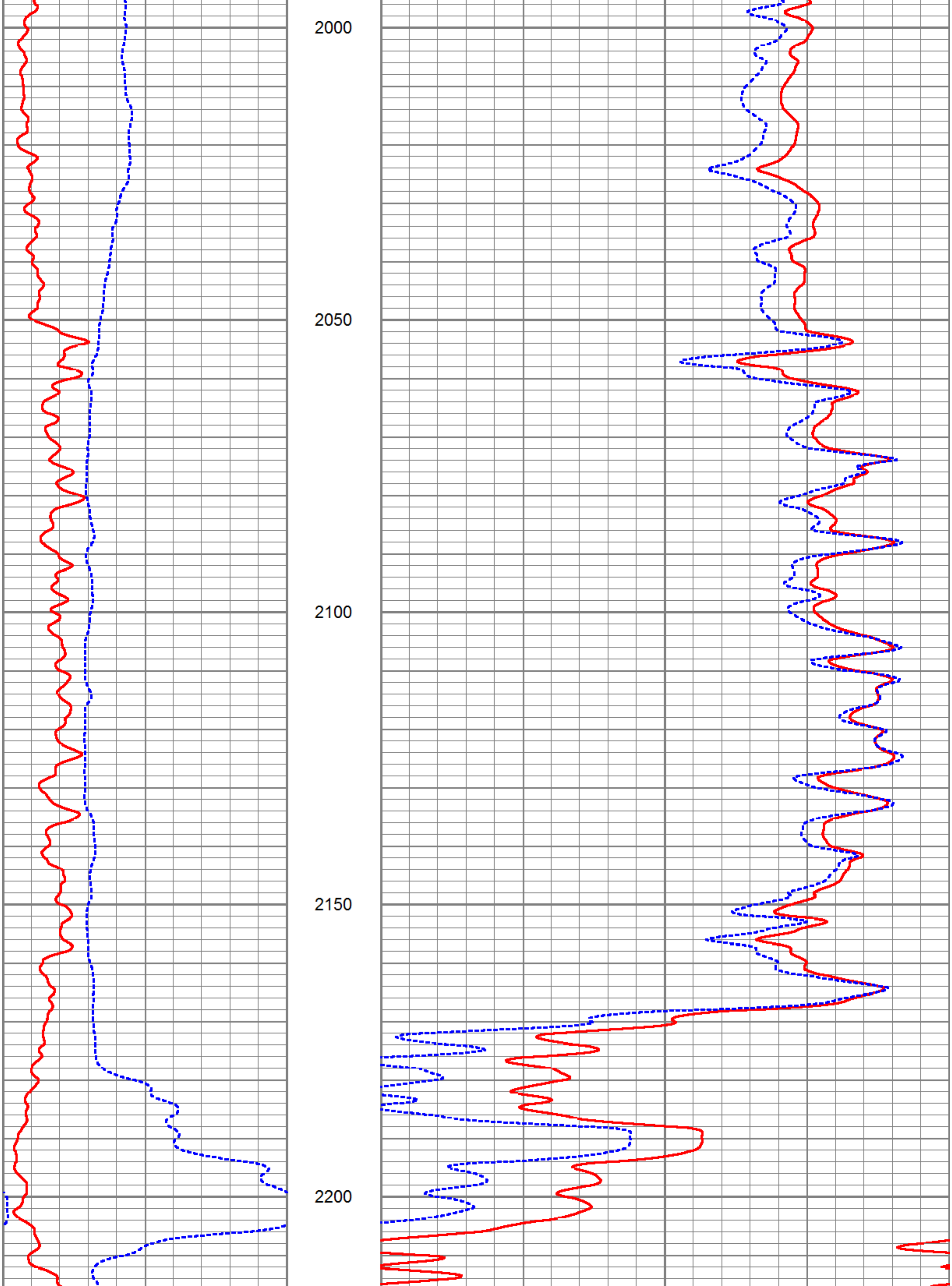

1350
1400
1450
1500
1550

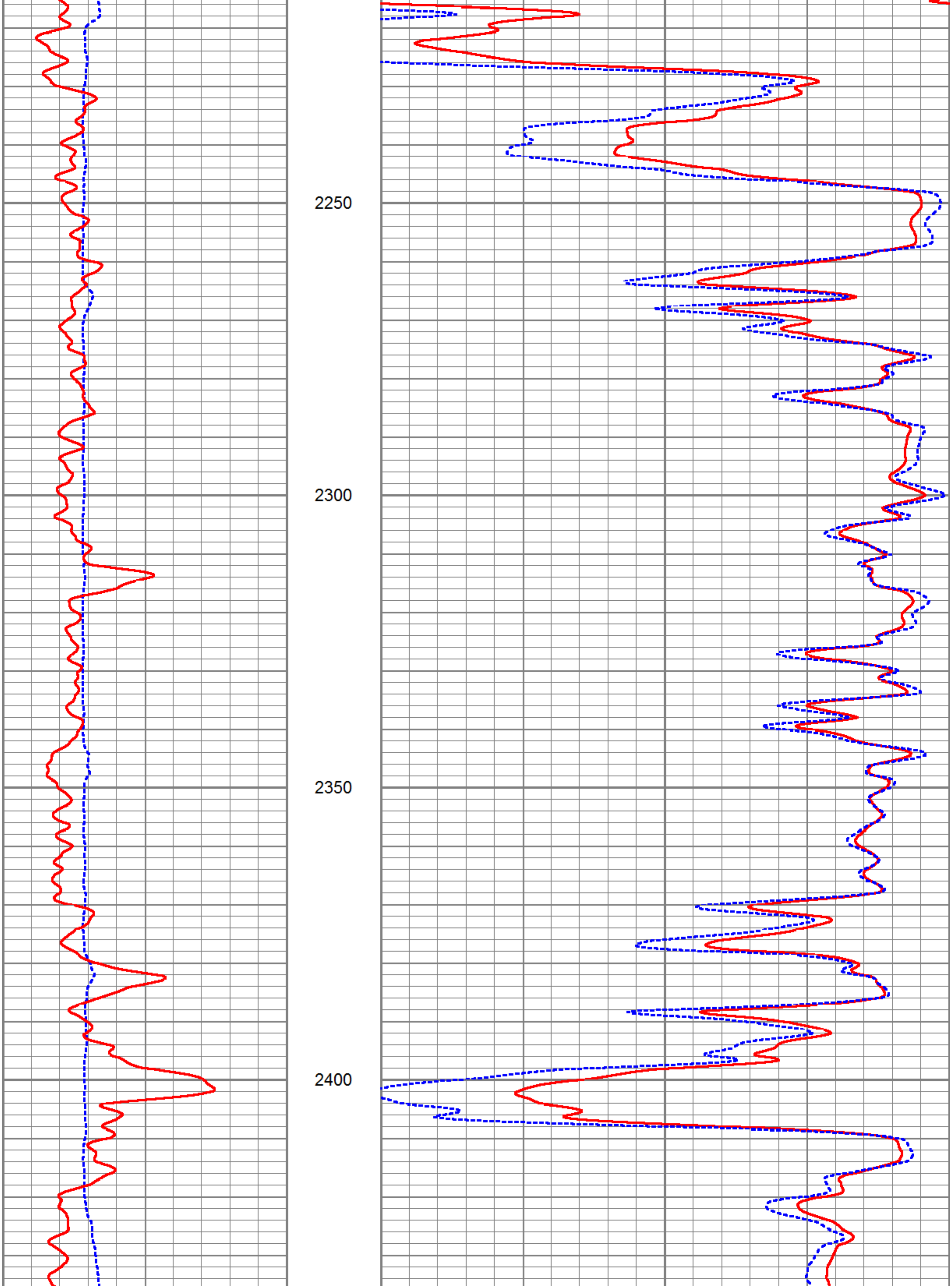


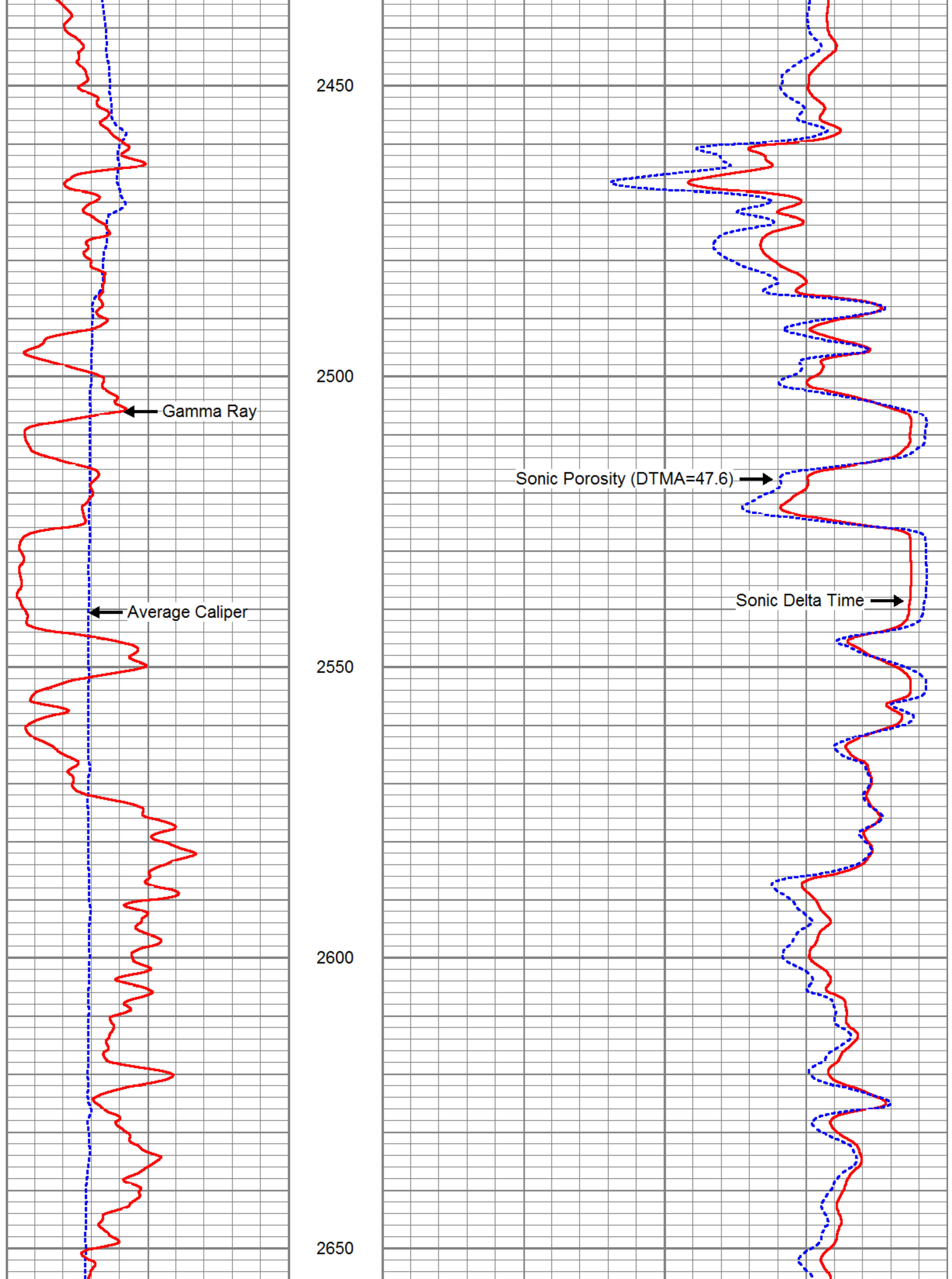
1600
1650
1700
1750

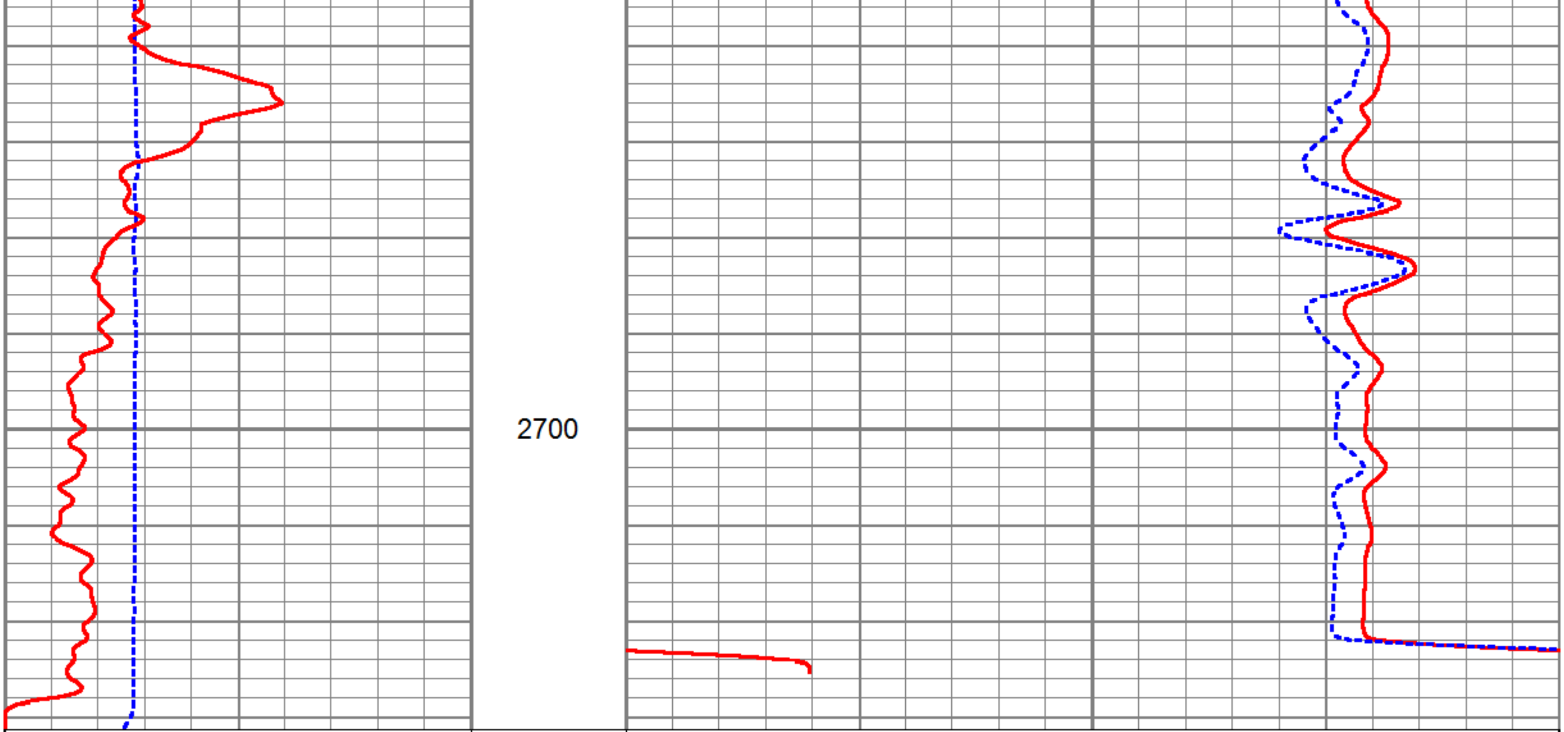


1800
1850
1900
1950


2000
2050
2100
2150
2200


2250
2300
2350
2400


2450
2500
2550
2600
2650
Gamma Ray
Average Caliper
Sonic Porosity (DTMA=47.6)
Sonic Delta Time



0	Average Caliper (in)	40
0	Gamma Ray (GAPI)	100

240	DT (usec/ft) (usec/ft)	40
100	Sonic Porosity (DTMA=47.6) (pu)	0

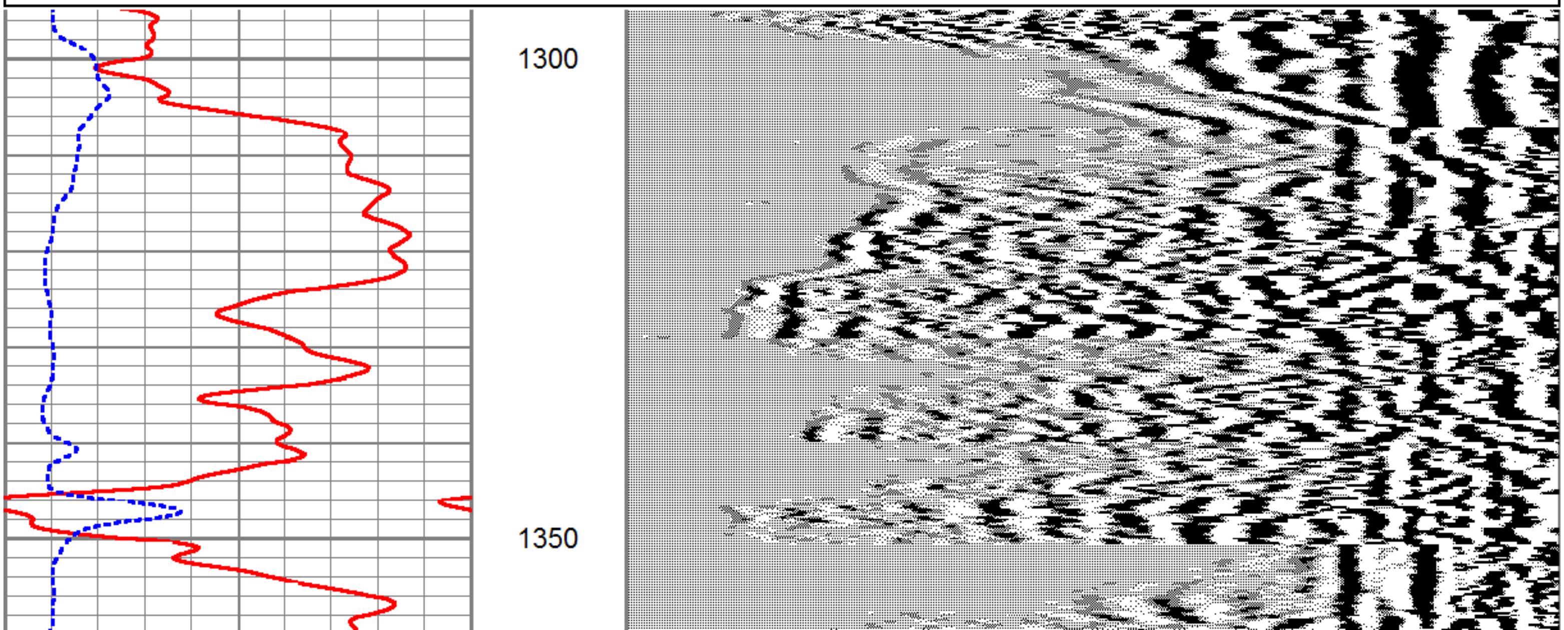
ALLWEBBS ENTERPRISES, INC.

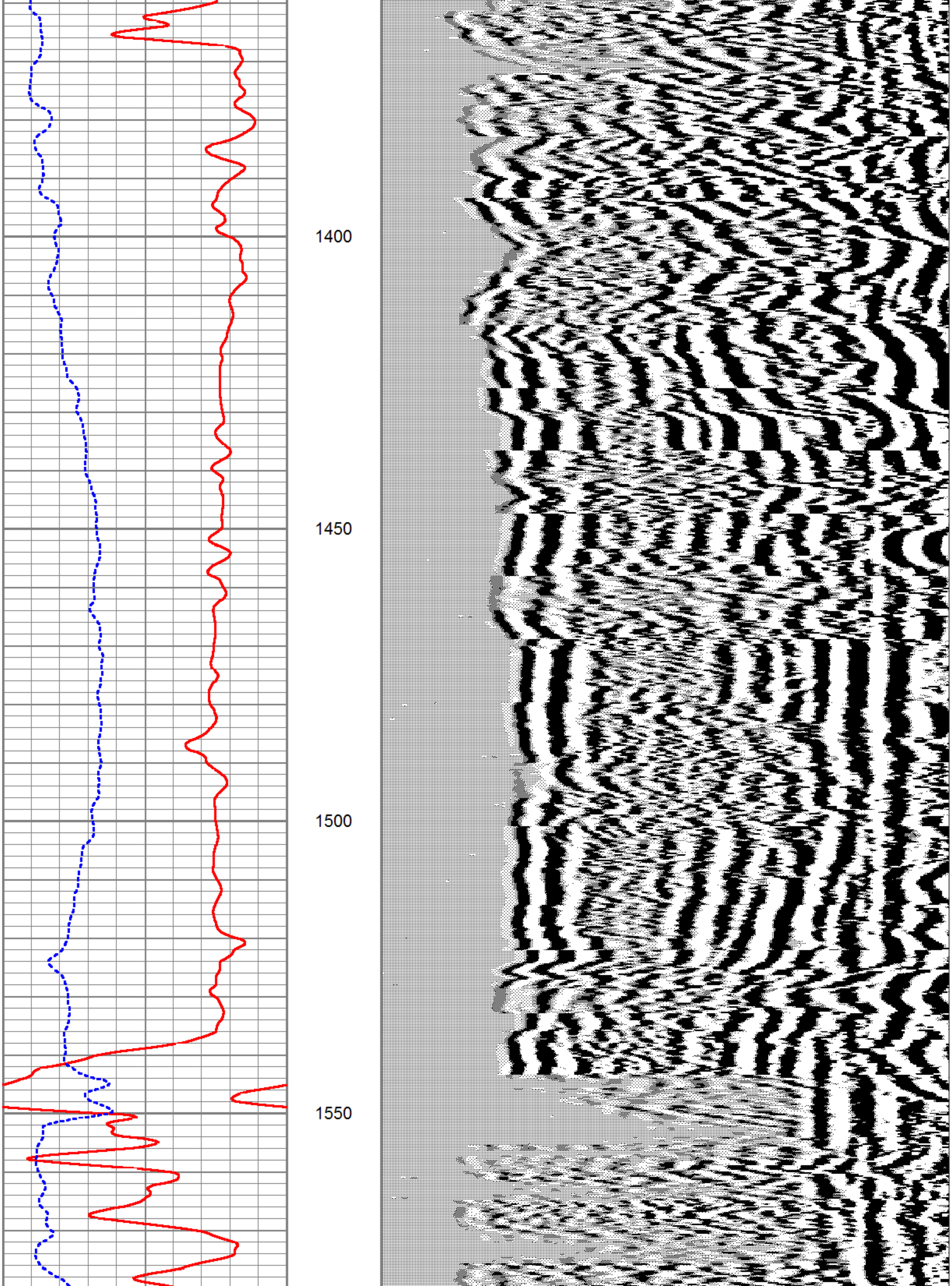
MAIN PASS

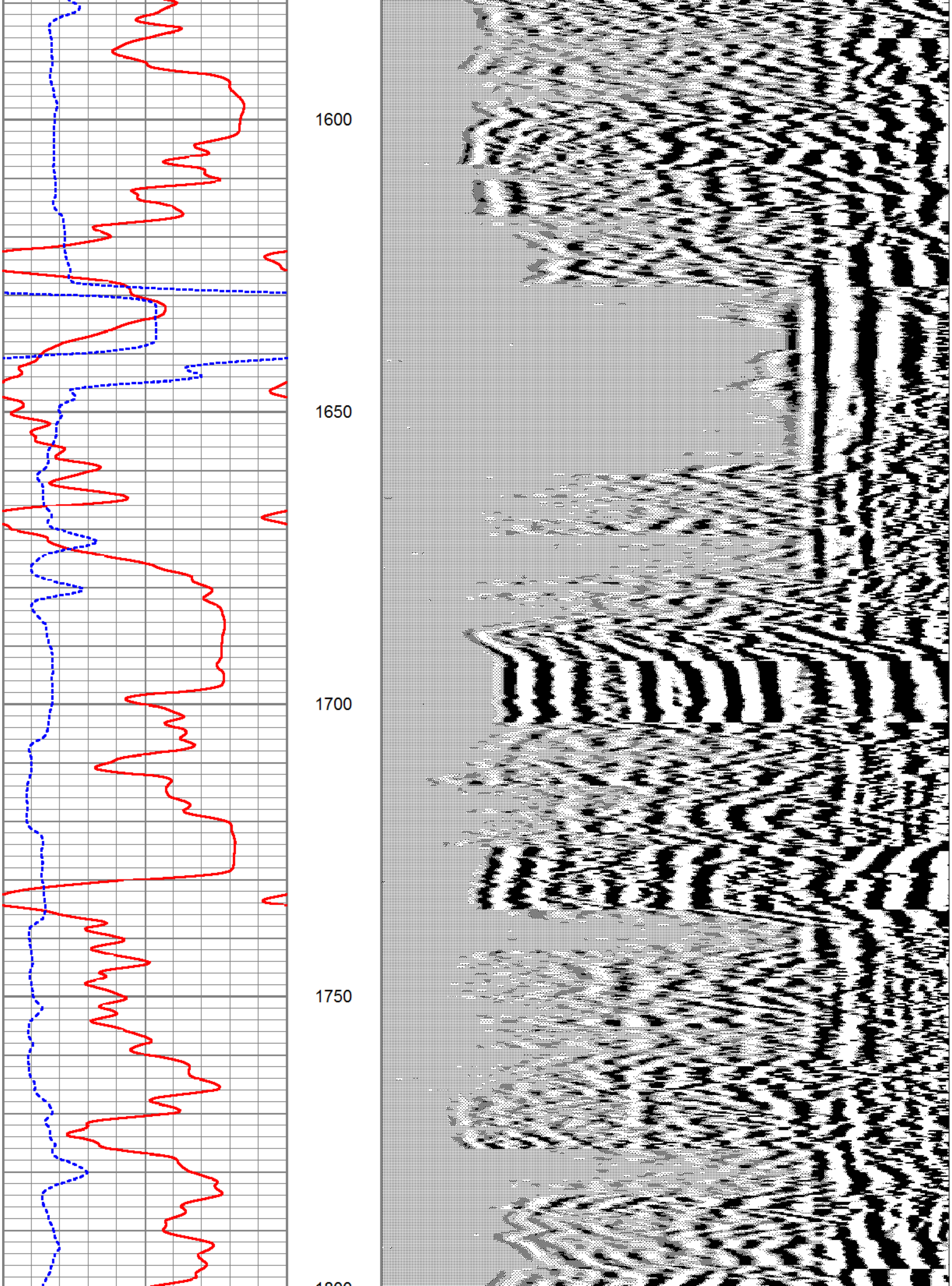
Database File: kisspof28_2.db
Dataset Pathname: run8/BHCMP
Presentation Format: bhc
Dataset Creation: Wed Dec 21 13:12:39 2011
Charted by: Depth in Feet scaled 1:240

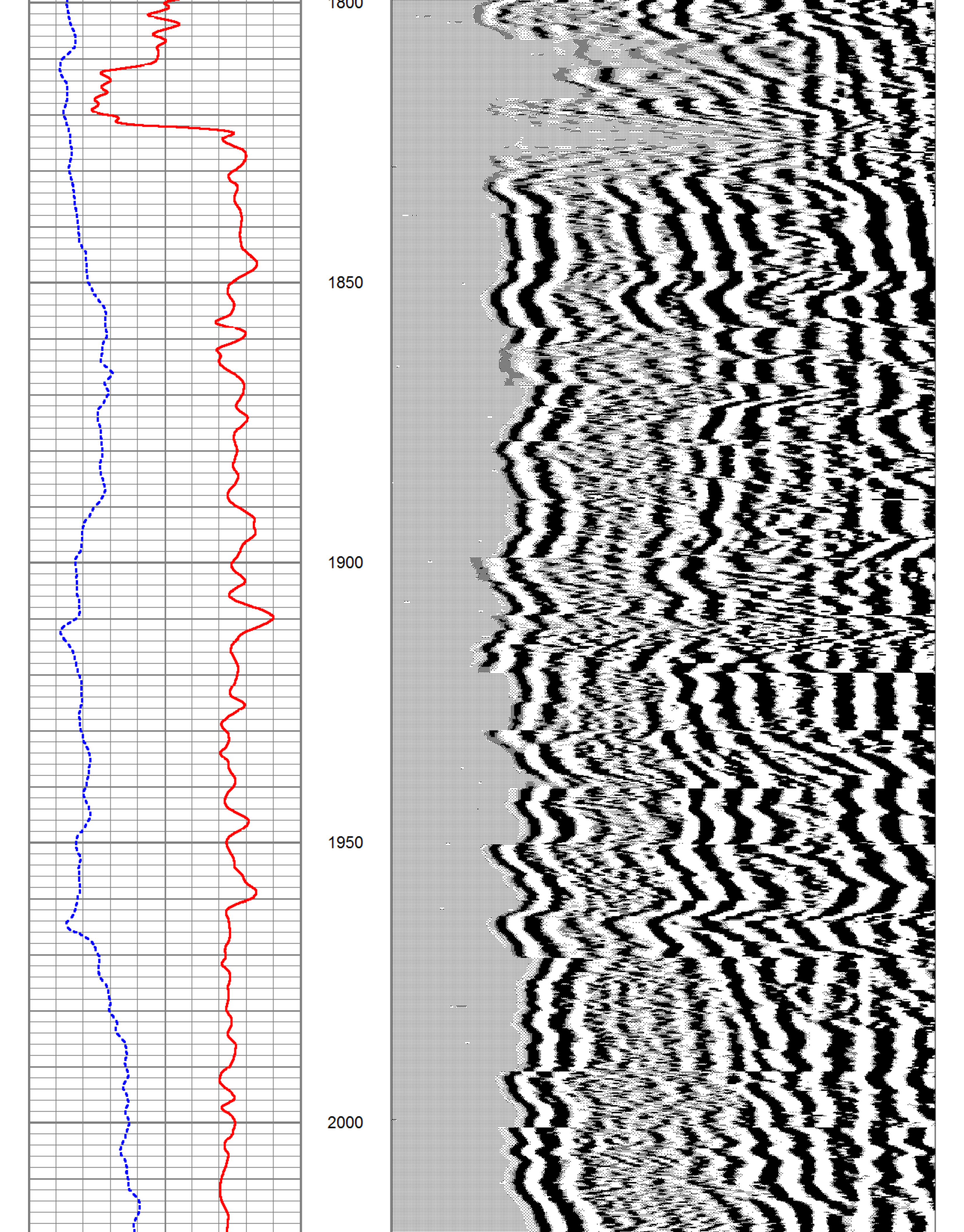
240	Sonic Delta Time (usec/ft)	40
10	Caliper Average (in) (in)	30

400	WVF3	1400

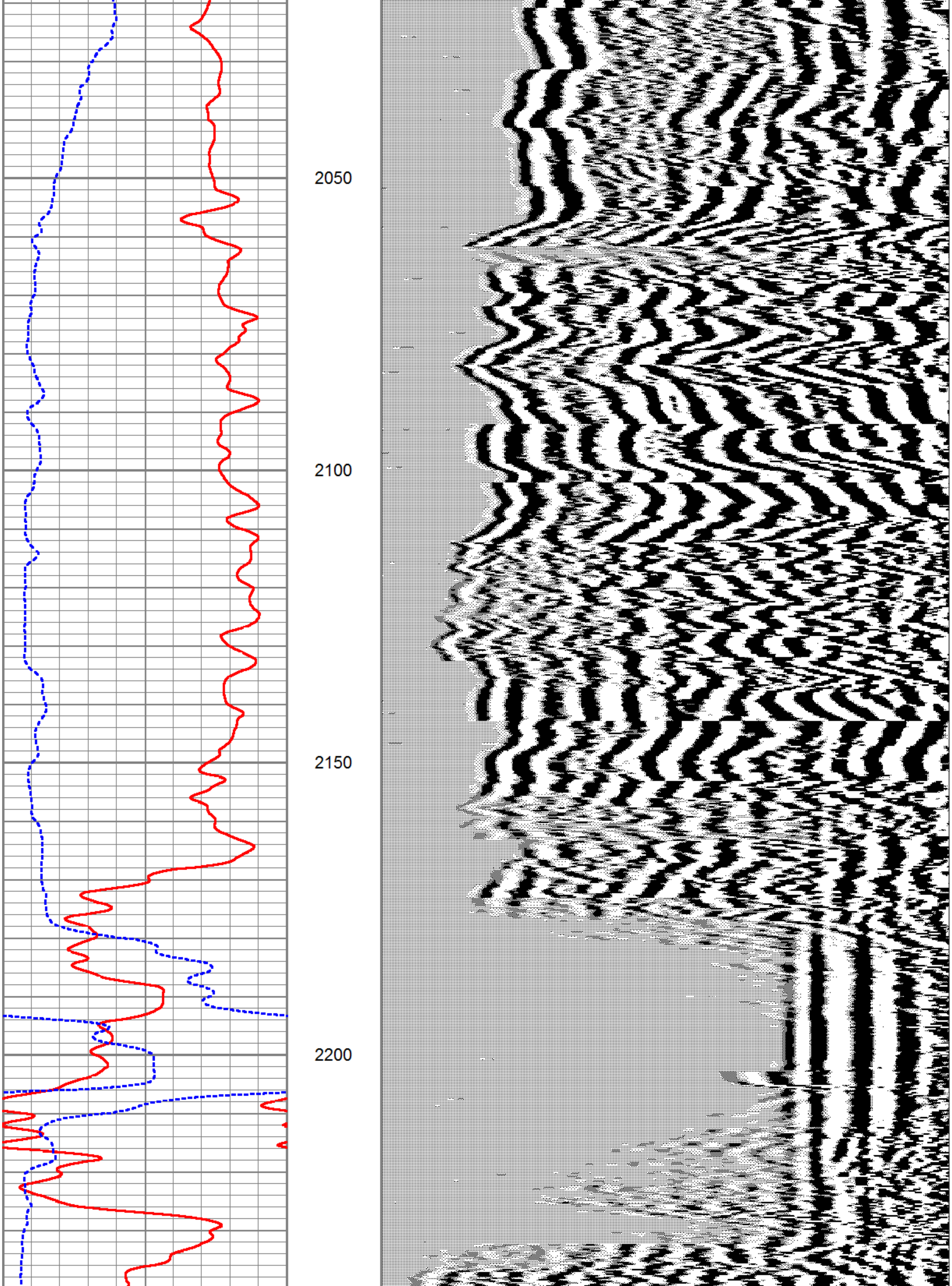


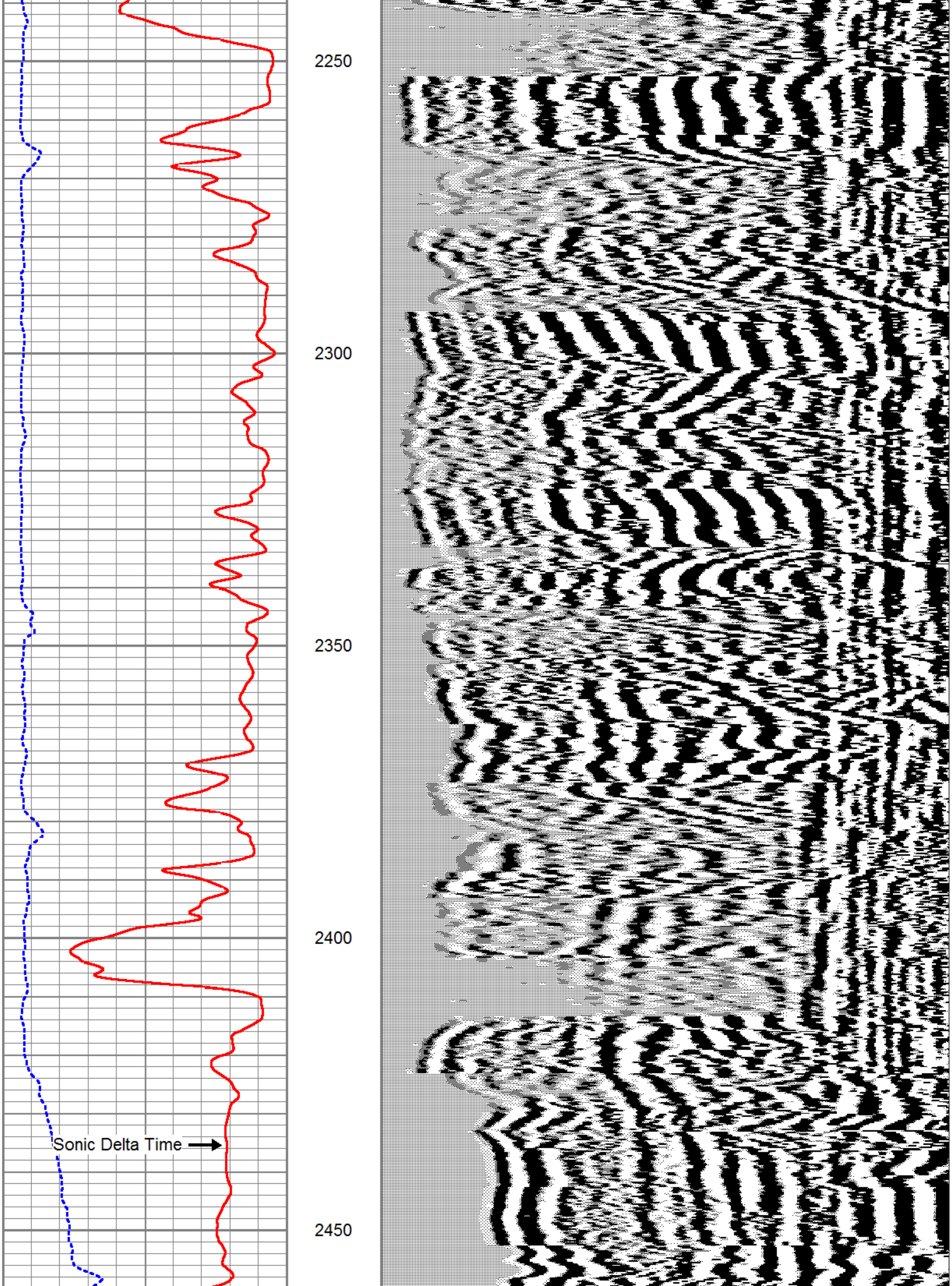

1400
1450
1500
1550

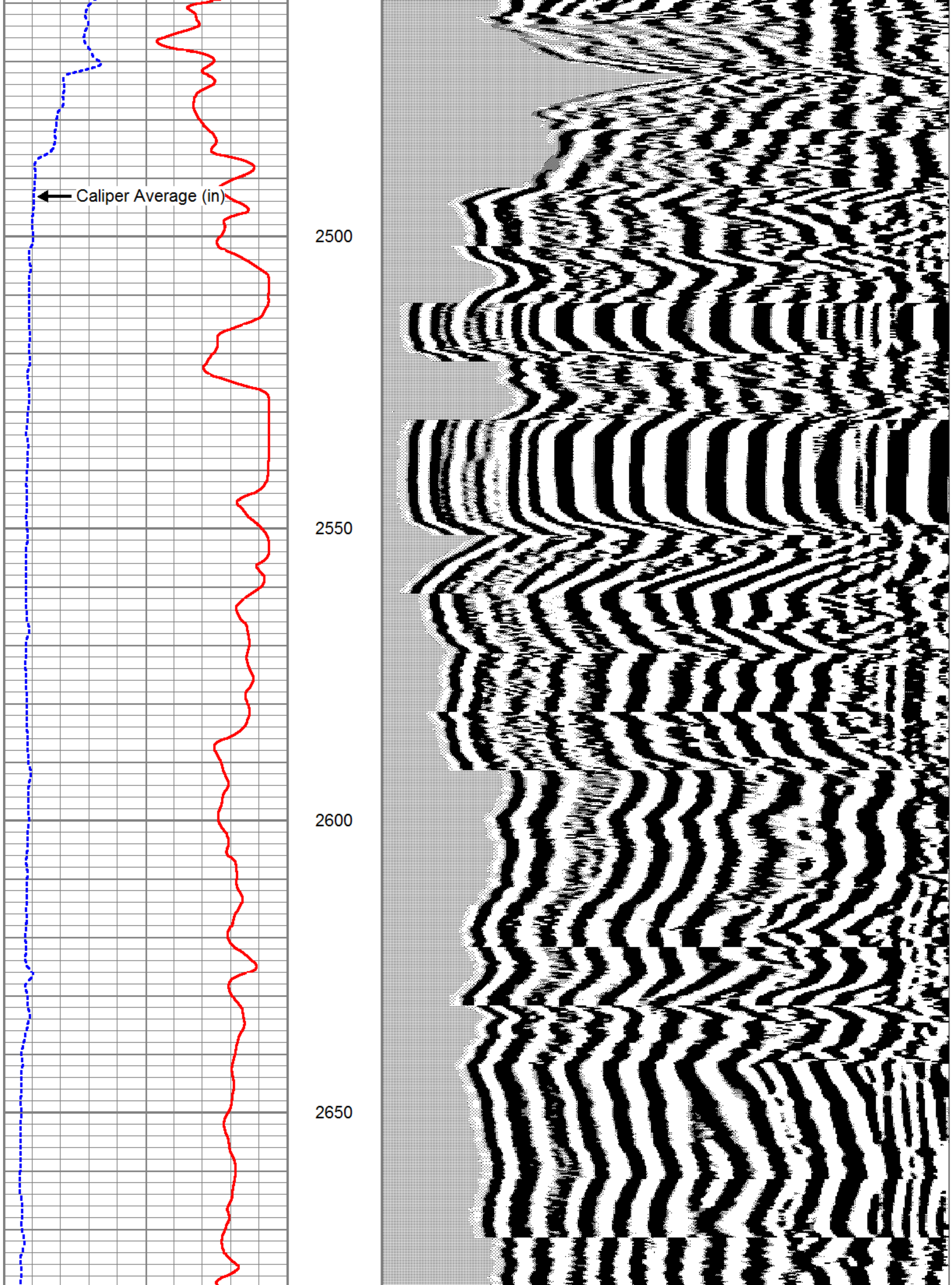

1600
1650
1700
1750



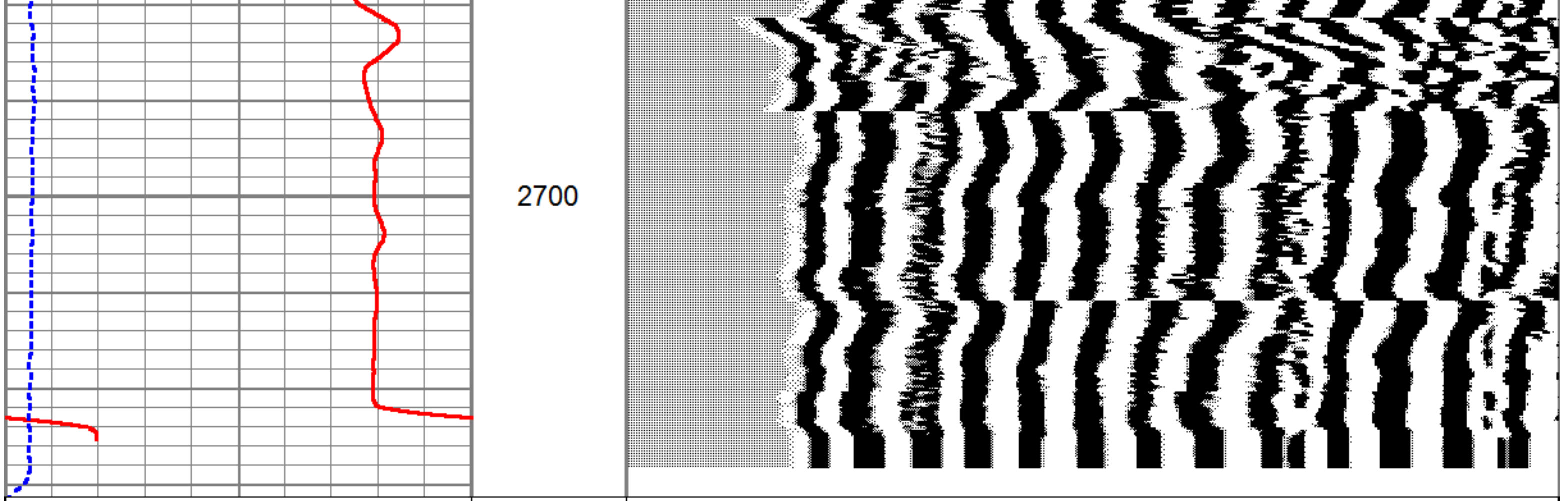
1800
1850
1900
1950
2000


2050
2100
2150
2200


2250
2300
2350
2400
2450
Sonic Delta Time



Caliper Average (in)
2500
2550
2600
2650

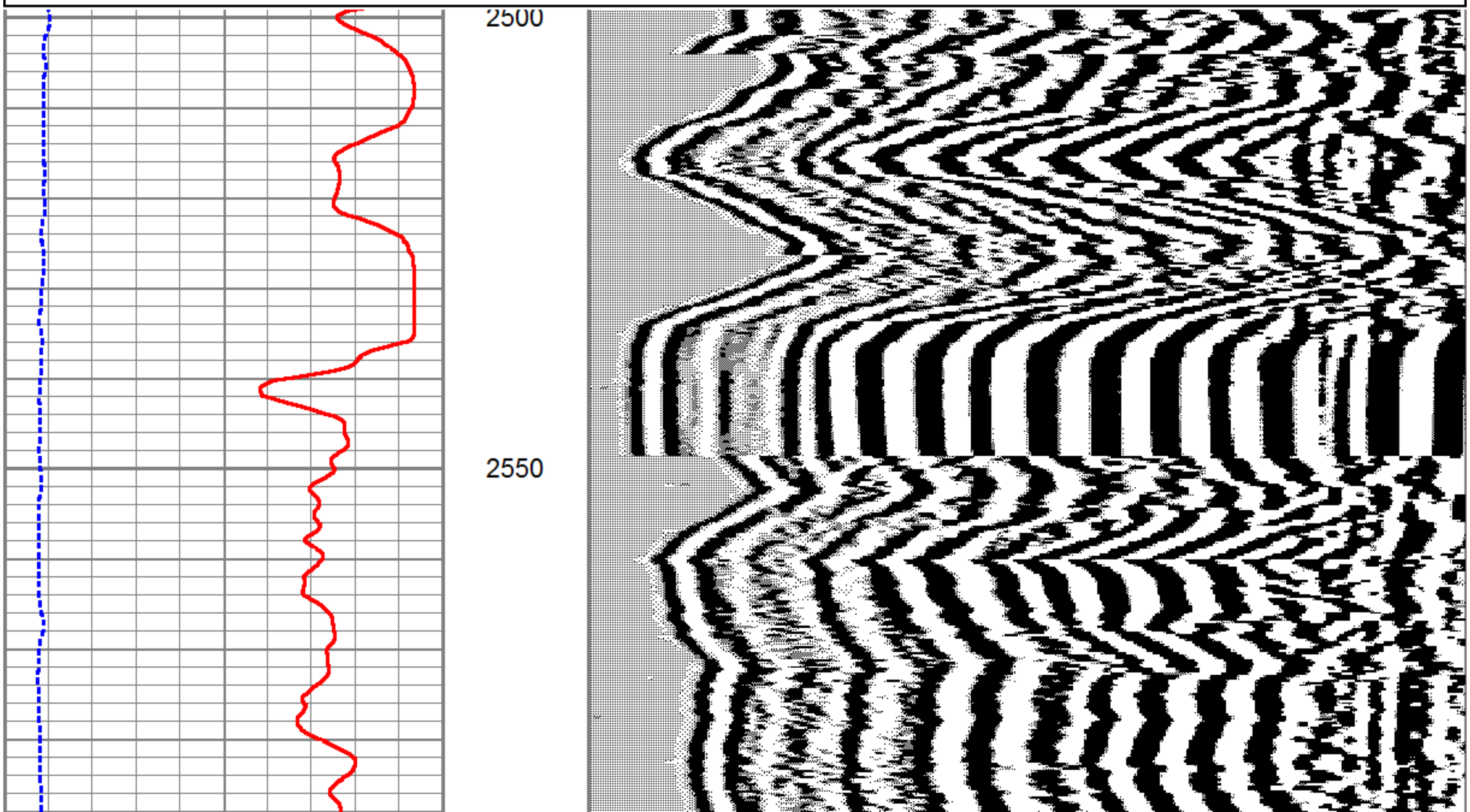


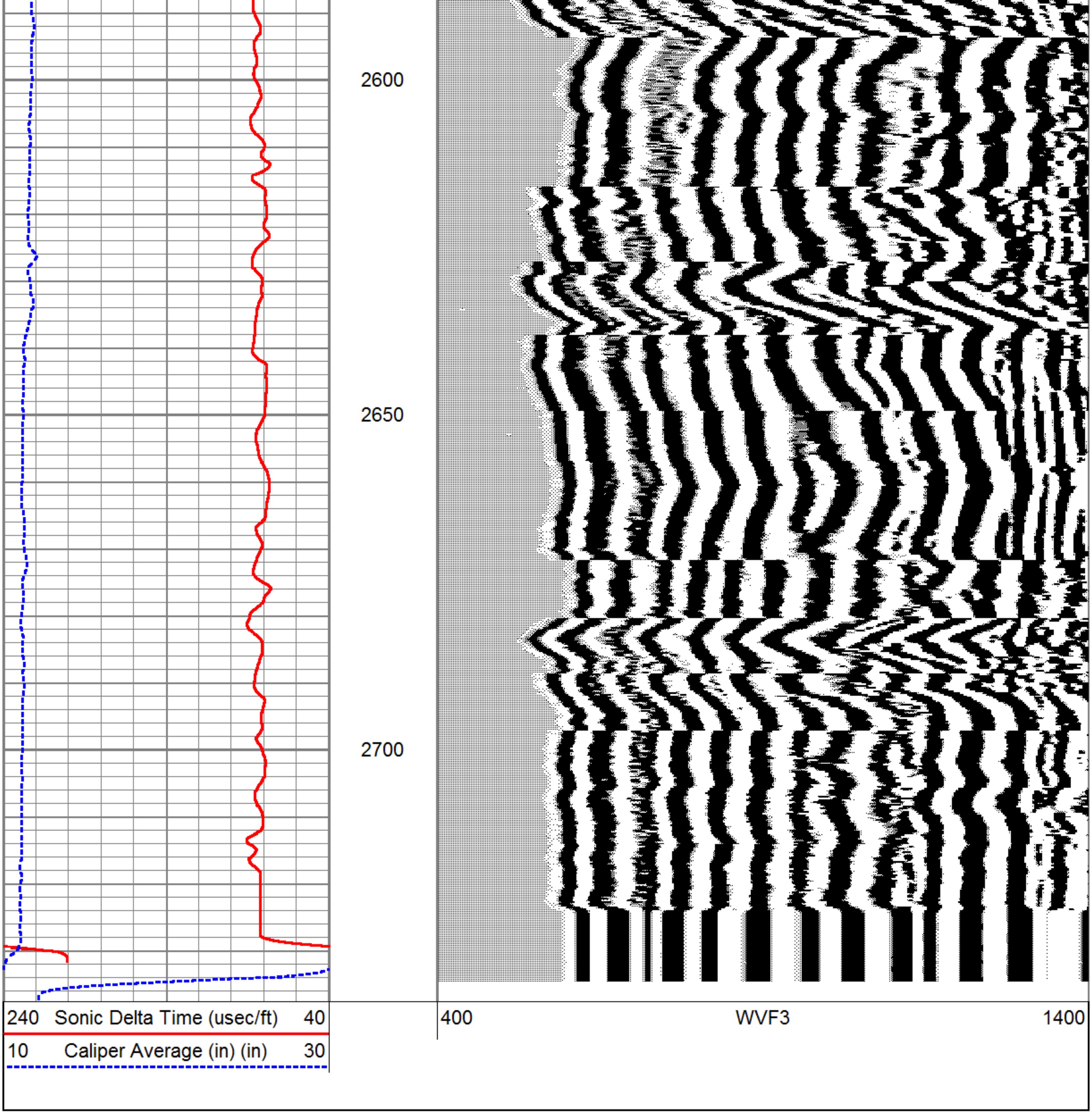
240 Sonic Delta Time (usec/ft) 40	400	WVF3	1400
10 Caliper Average (in) (in) 30			

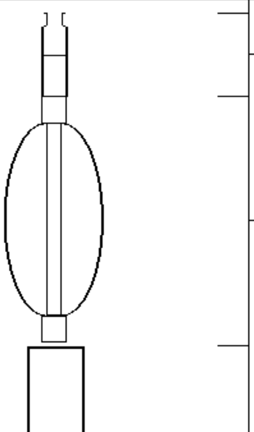
REPEAT PASS

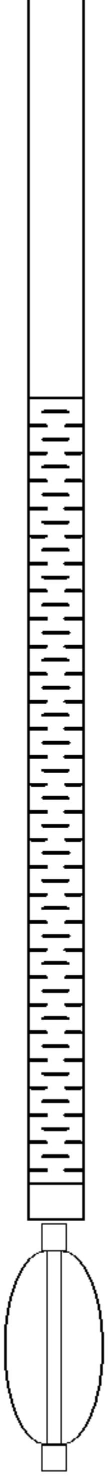
Database File: kisspof28_2.db
Dataset Pathname: run8/BHCRP
Presentation Format: bhc
Dataset Creation: Wed Dec 21 13:14:23 2011
Charted by: Depth in Feet scaled 1:240

240 Sonic Delta Time (usec/ft) 40	400	WVF3	1400
10 Caliper Average (in) (in) 30			





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CENCBL Centralizer CENCBL	3.00	1.44	10.69



WVF1	13.50				
		SLT-GEAR (SLT1) G0_BHC	15.71	3.50	140.00
WVF2	8.67				
WVF4	7.67				
WVF3	3.00				
		CENCBL Centralizer CENCBL	3.00	1.44	10.69

Dataset:	kisspof28_2.db: field/well/run8/BHCMP
Total Length:	22.71 ft
Total Weight:	166.38 lb
O.D.	3.50 in

DUAL INDUCTION LL3/SP LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	21-DEC-2011		
Run Number	EIGHT		
Depth Driller	2705'		
Depth Logger	2730'		
Bottom Logged Interval	2730'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	90.1 DEFG		
Estimated Cement Top	SURFACE		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	SURFACE	350'	FIVE	23.00"	CASING	750'
TWO	28.00"	CASING	290'	SIX	12.25"	CASING	1305'
THREE	10.625"	CASING	530'	SEVEN	17.00"	CASING	1300'
FOUR	10.625"	530'	750'	EIGHT	10.625"	CASING	2705'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner	12"	.375 W.T	SURFACE	1297'

<<< Fold Here >>>

Comments

XYC/GR
BHC/SONIC/VDL
FLOWMETER
FCT
DHTVS

MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof28_2.db
Dataset Pathname:	run8/DILMPFIN
Presentation Format:	dil
Dataset Creation:	Wed Dec 21 13:14:23 2011
Charted by:	Depth in Feet scaled 1:1200

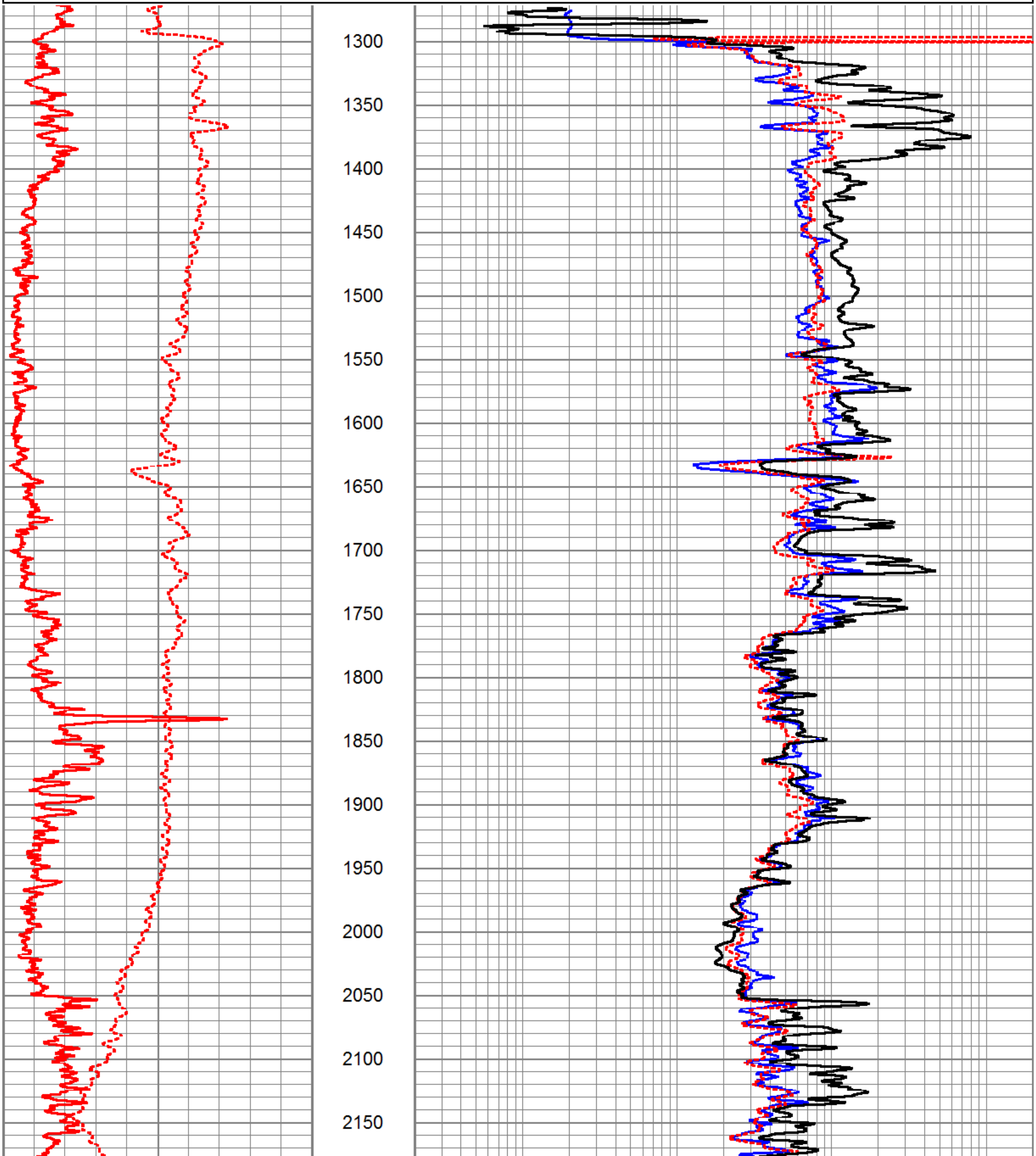
0 Gamma Ray (GAPI) 100

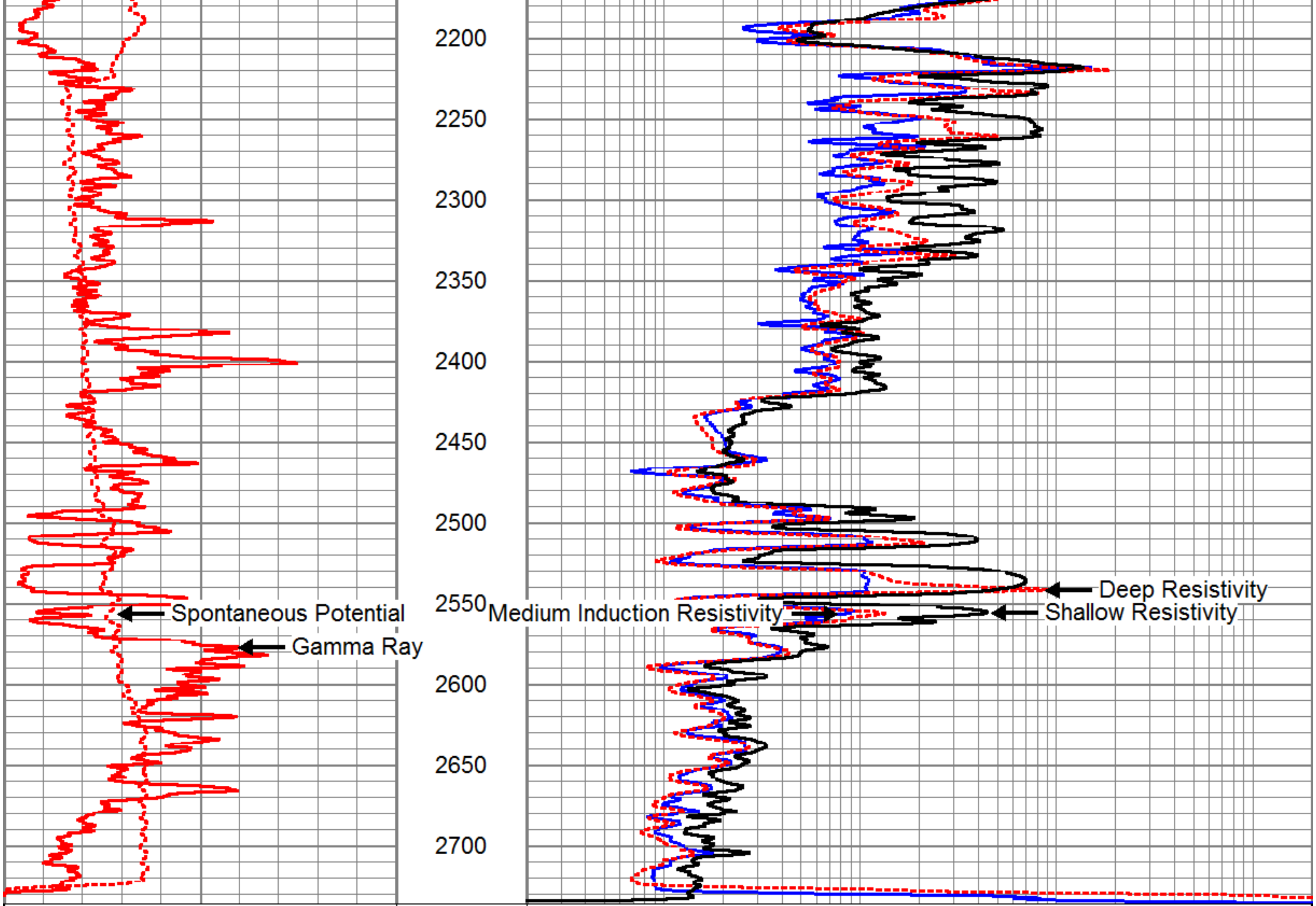
0 Spontaneous Potential (mV) 200

0.2 Medium Induction Resistivity (Ohm-m) 2000

0.2 Deep Induction Resistivity (Ohm-m) 2000

0.2 Shallow Resistivity (Ohm-m) 2000





0	Gamma Ray (GAPI)	100
0	Spontaneous Potential (mV)	200

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

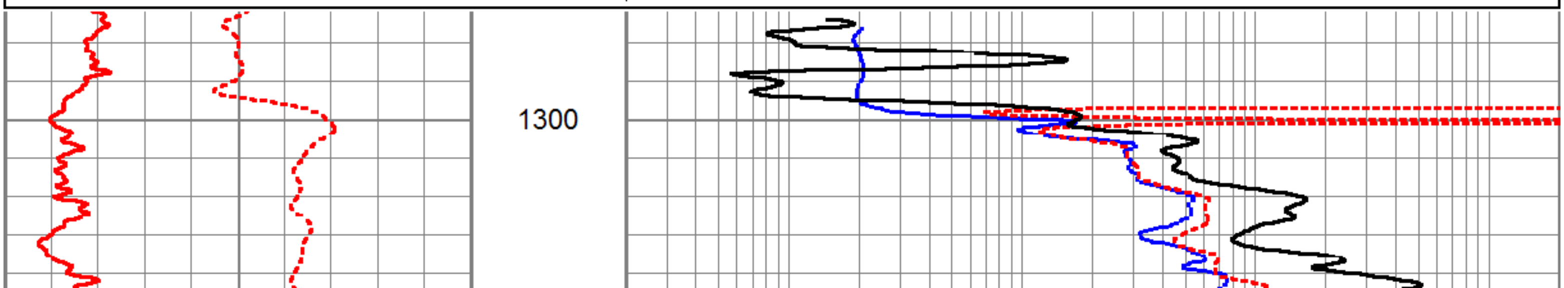
ALLWEBBS ENTERPRISES, INC.

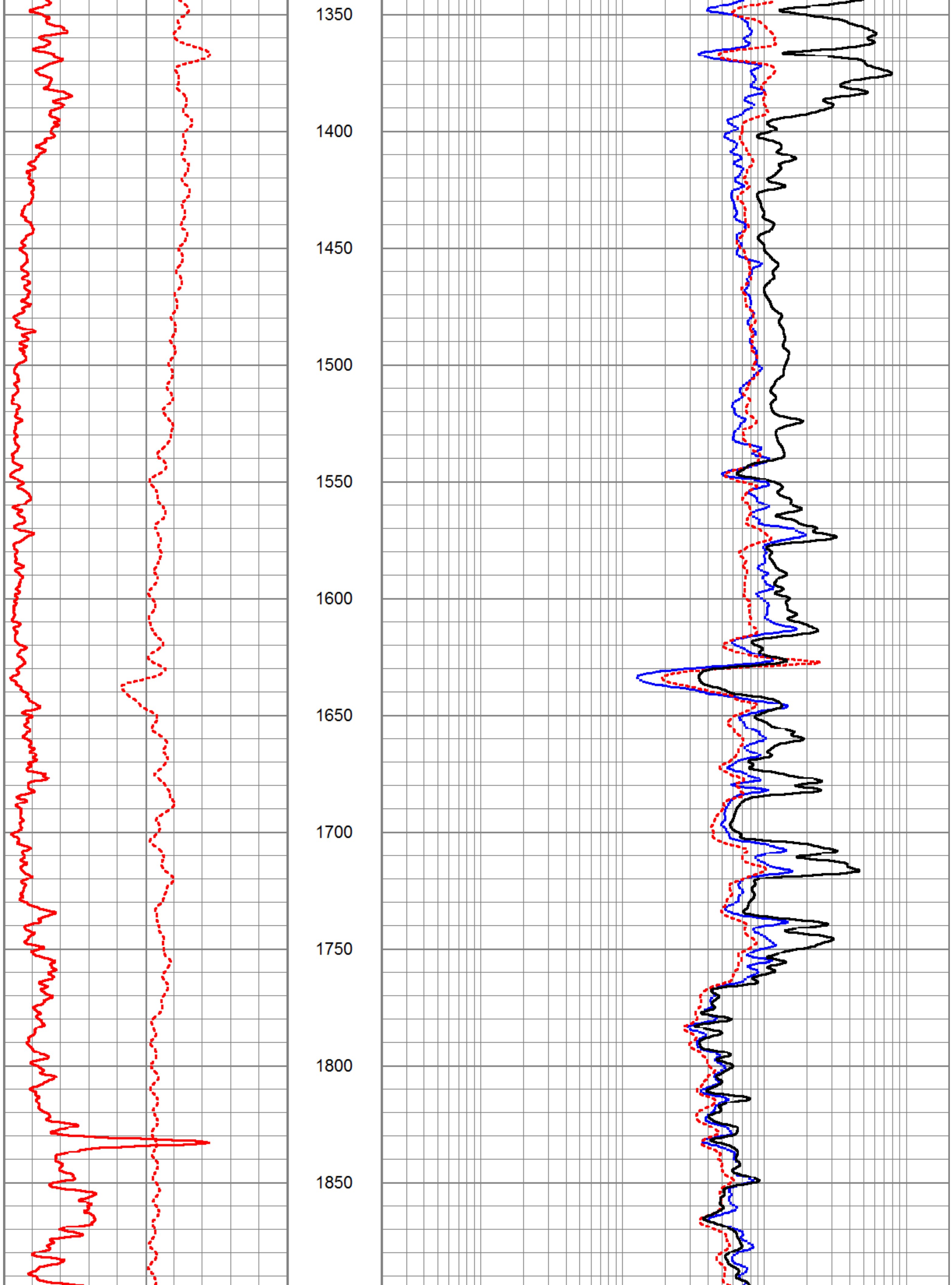
MAIN PASS

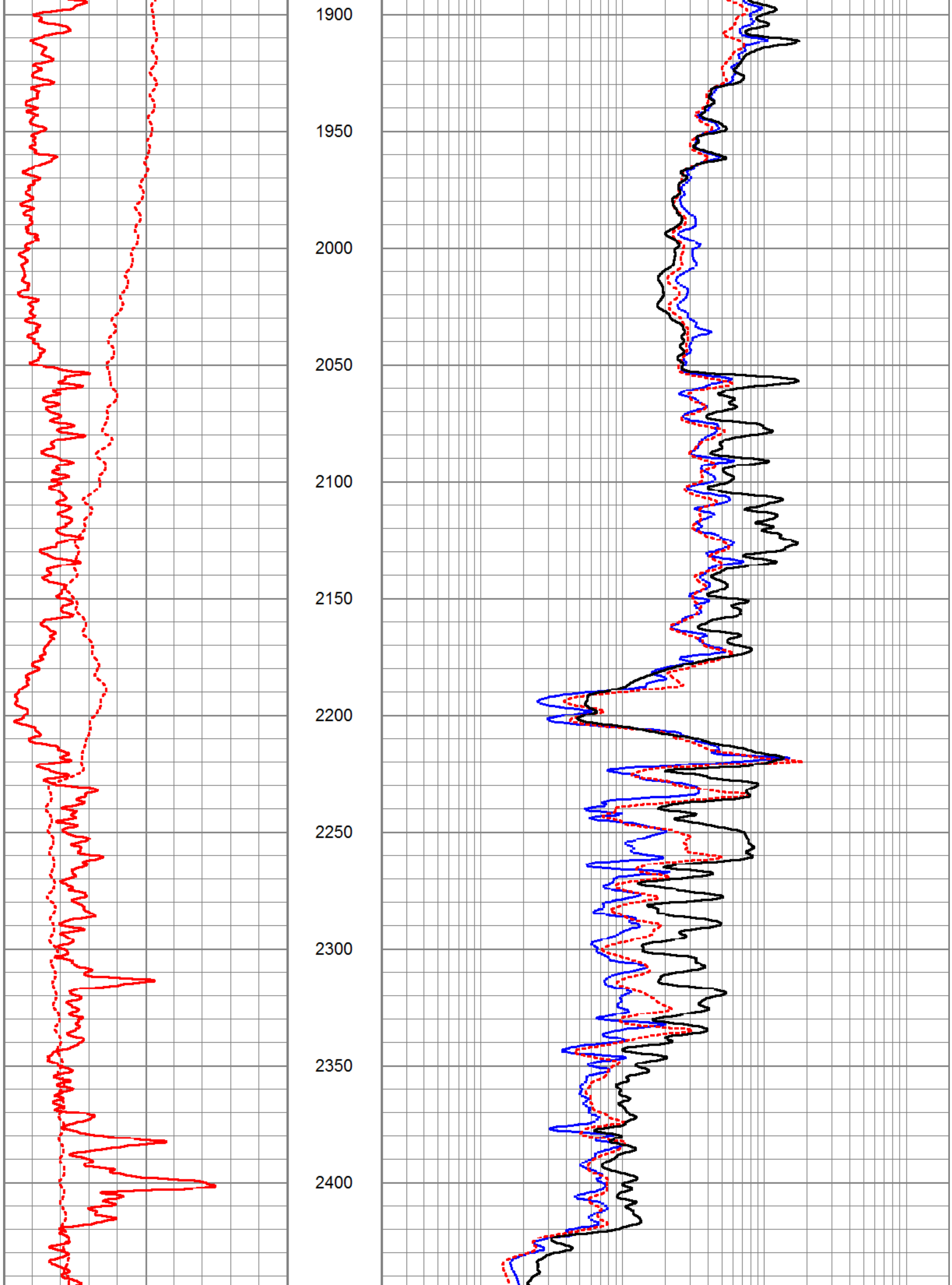
Database File:	kisspof28_2.db
Dataset Pathname:	run8/DILMPFIN
Presentation Format:	dil
Dataset Creation:	Wed Dec 21 13:14:23 2011
Charted by:	Depth in Feet scaled 1:600

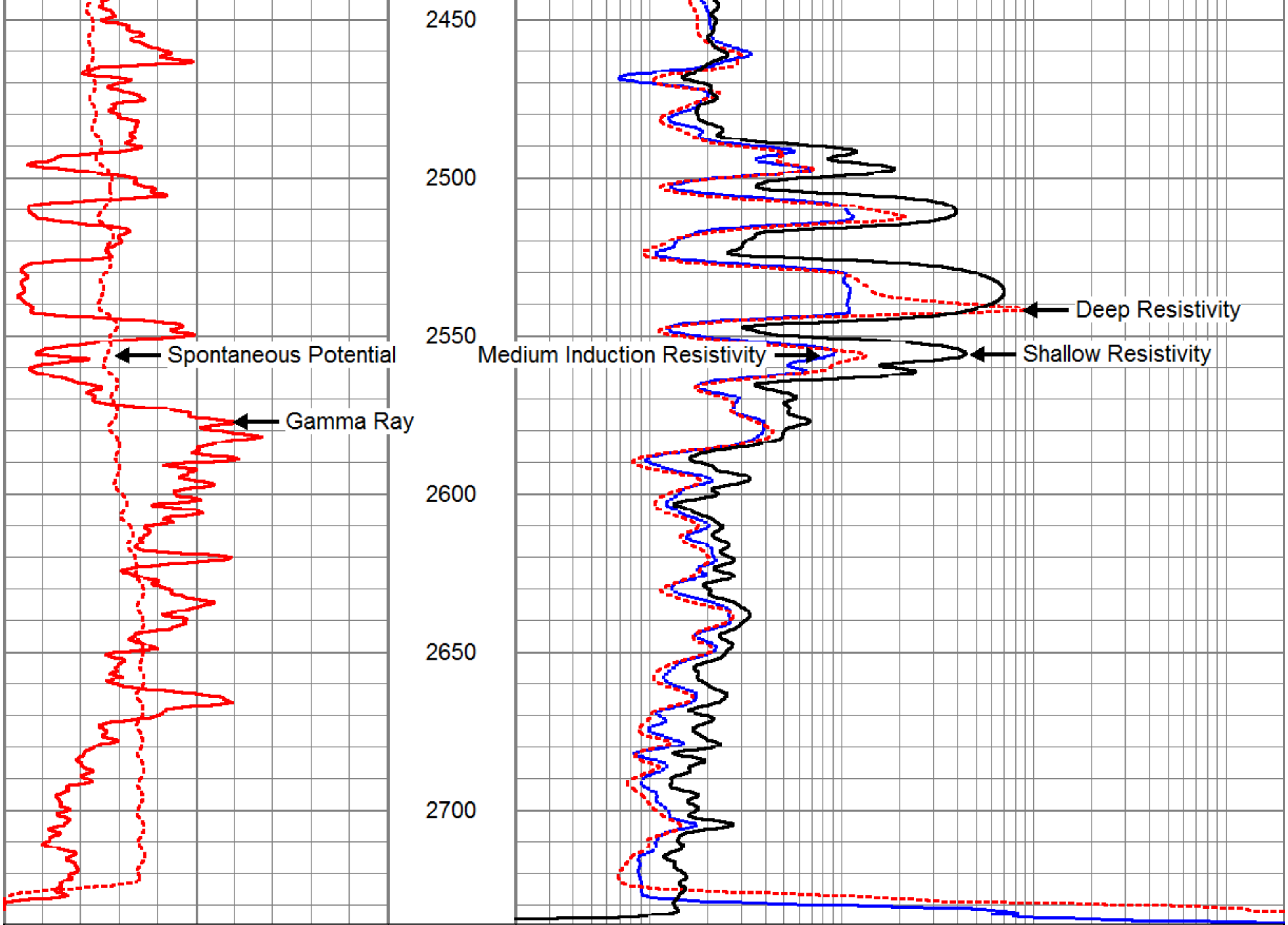
0	Gamma Ray (GAPI)	100
0	Spontaneous Potential (mV)	200

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000




1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850


1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
2400

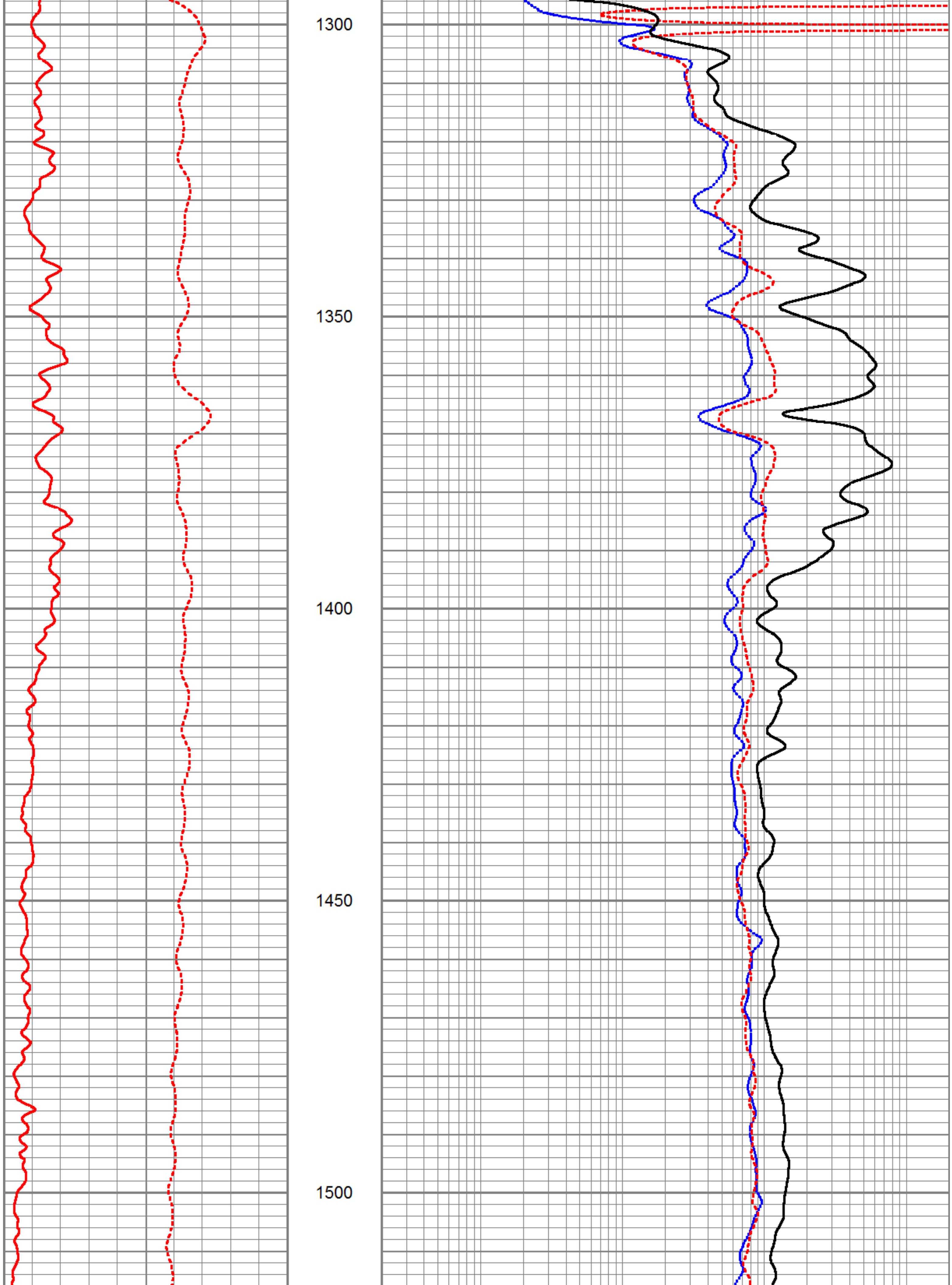


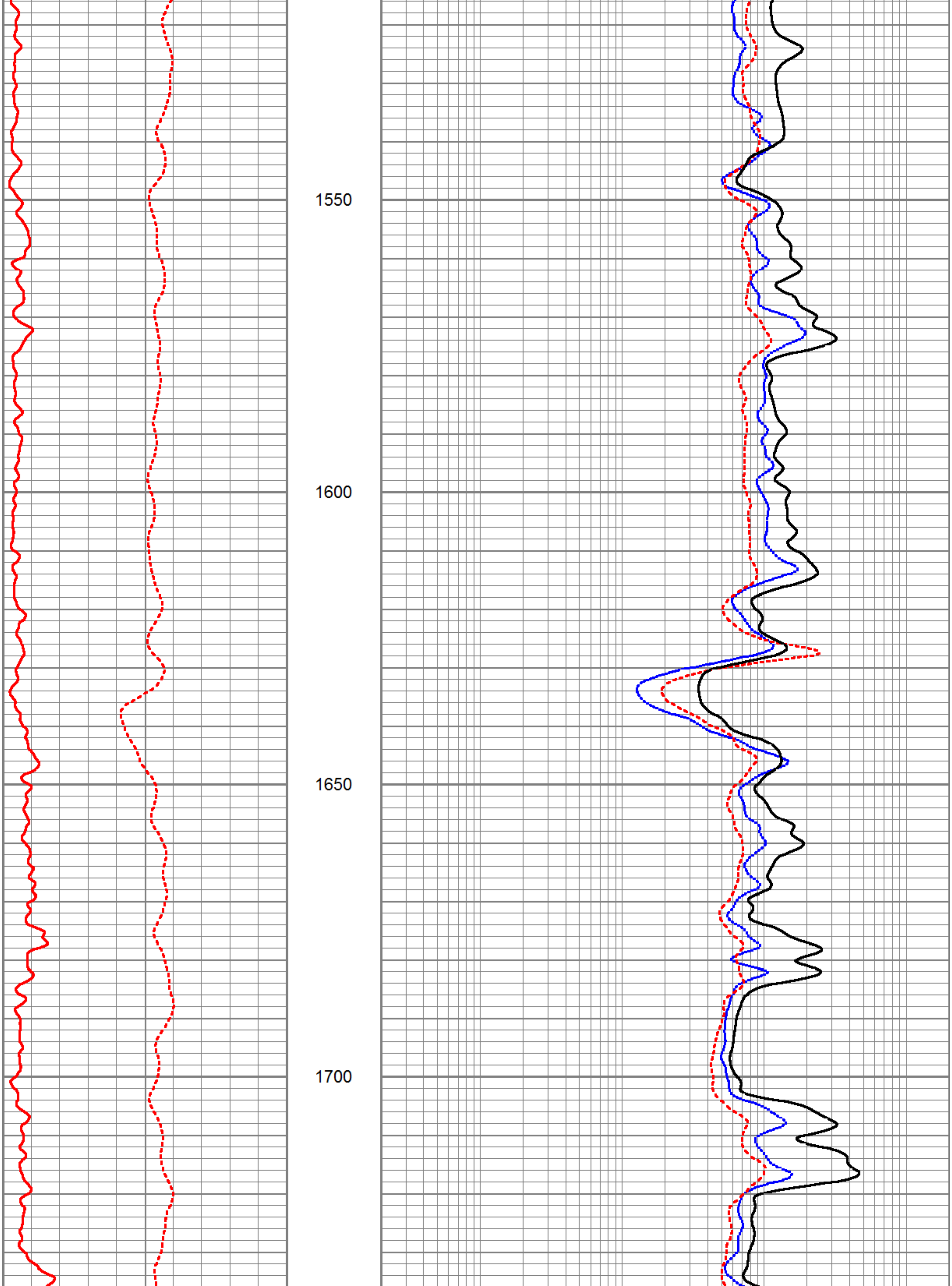
0	Gamma Ray (GAPI)	100	0.2	Medium Induction Resistivity (Ohm-m)	2000
0	Spontaneous Potential (mV)	200	0.2	Deep Induction Resistivity (Ohm-m)	2000
			0.2	Shallow Resistivity (Ohm-m)	2000

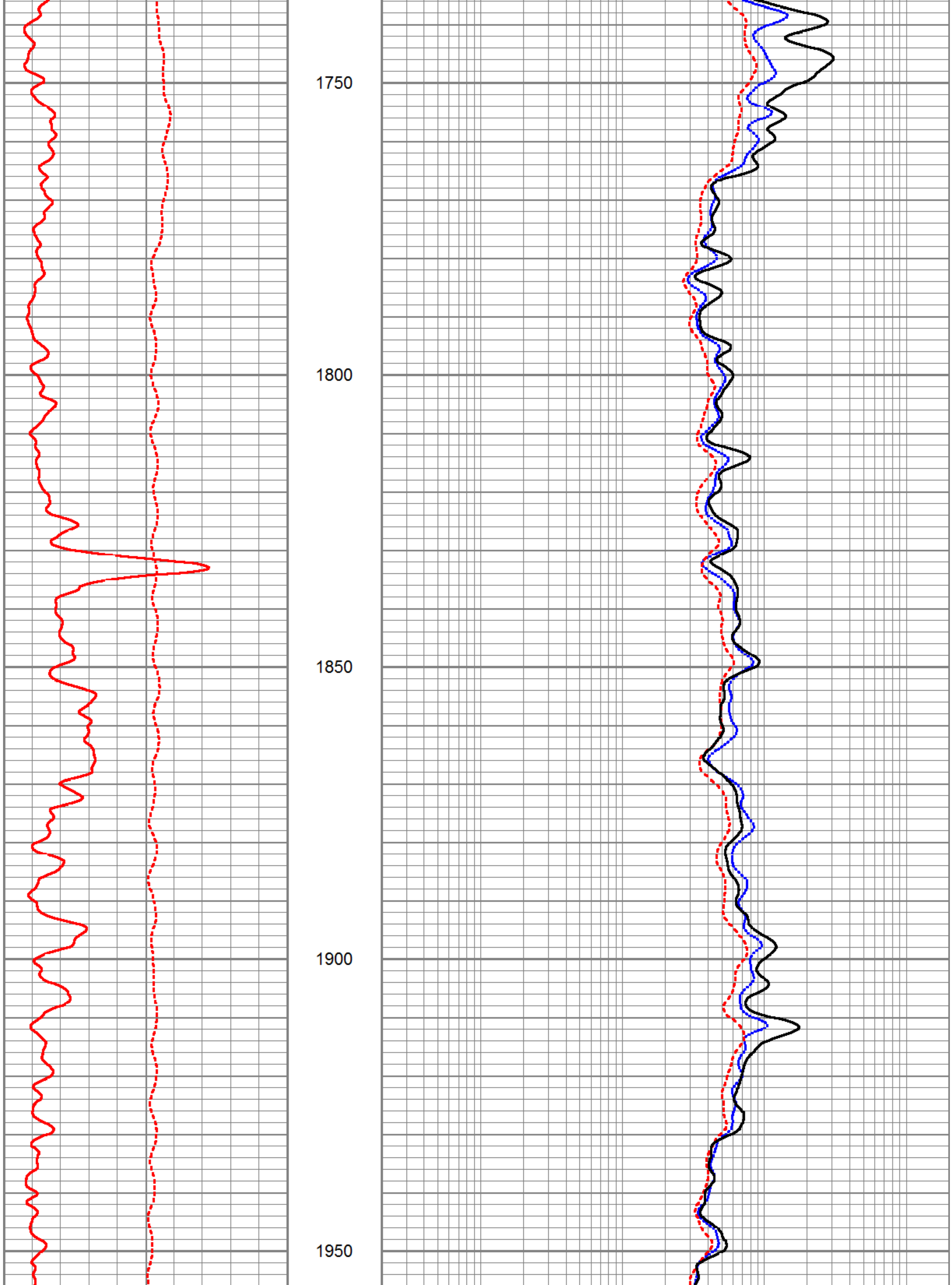
MAIN PASS

Database File: kisspof28_2.db
Dataset Pathname: run8/DILMPFIN
Presentation Format: dil
Dataset Creation: Wed Dec 21 13:14:23 2011
Charted by: Depth in Feet scaled 1:240

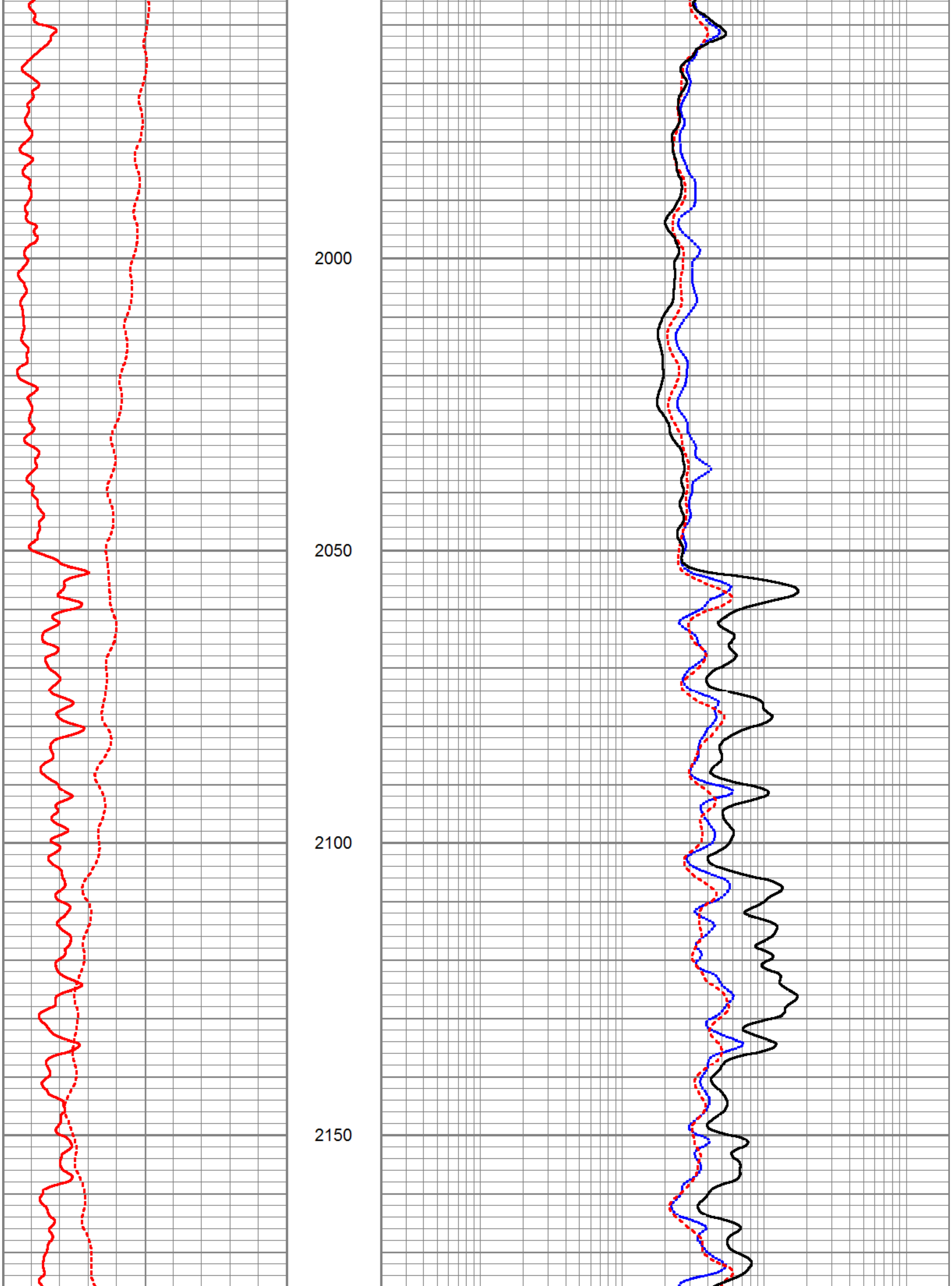
0	Gamma Ray (GAPI)	100	0.2	Medium Induction Resistivity (Ohm-m)	2000
0	Spontaneous Potential (mV)	200	0.2	Deep Induction Resistivity (Ohm-m)	2000
			0.2	Shallow Resistivity (Ohm-m)	2000

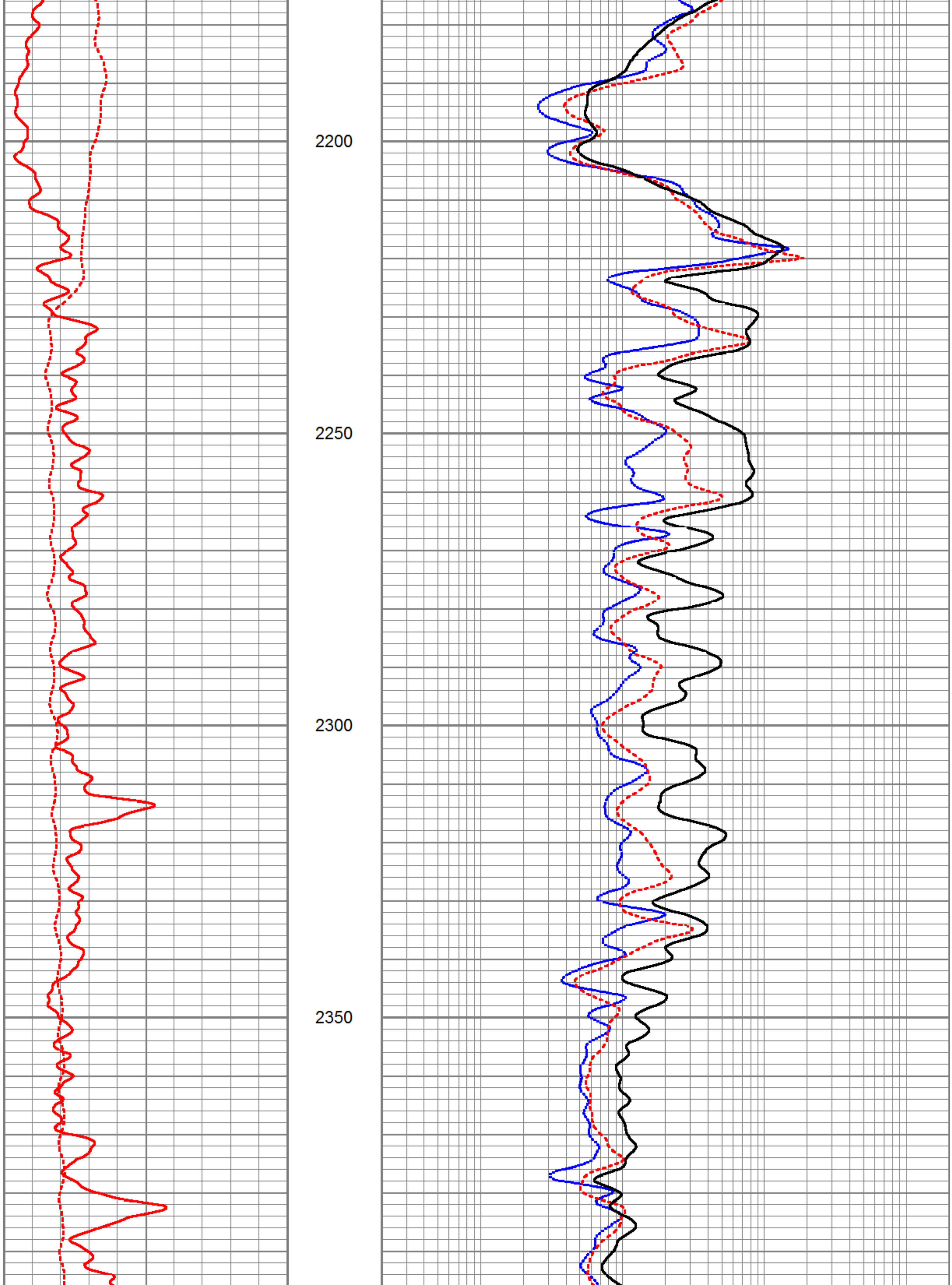

1300
1350
1400
1450
1500

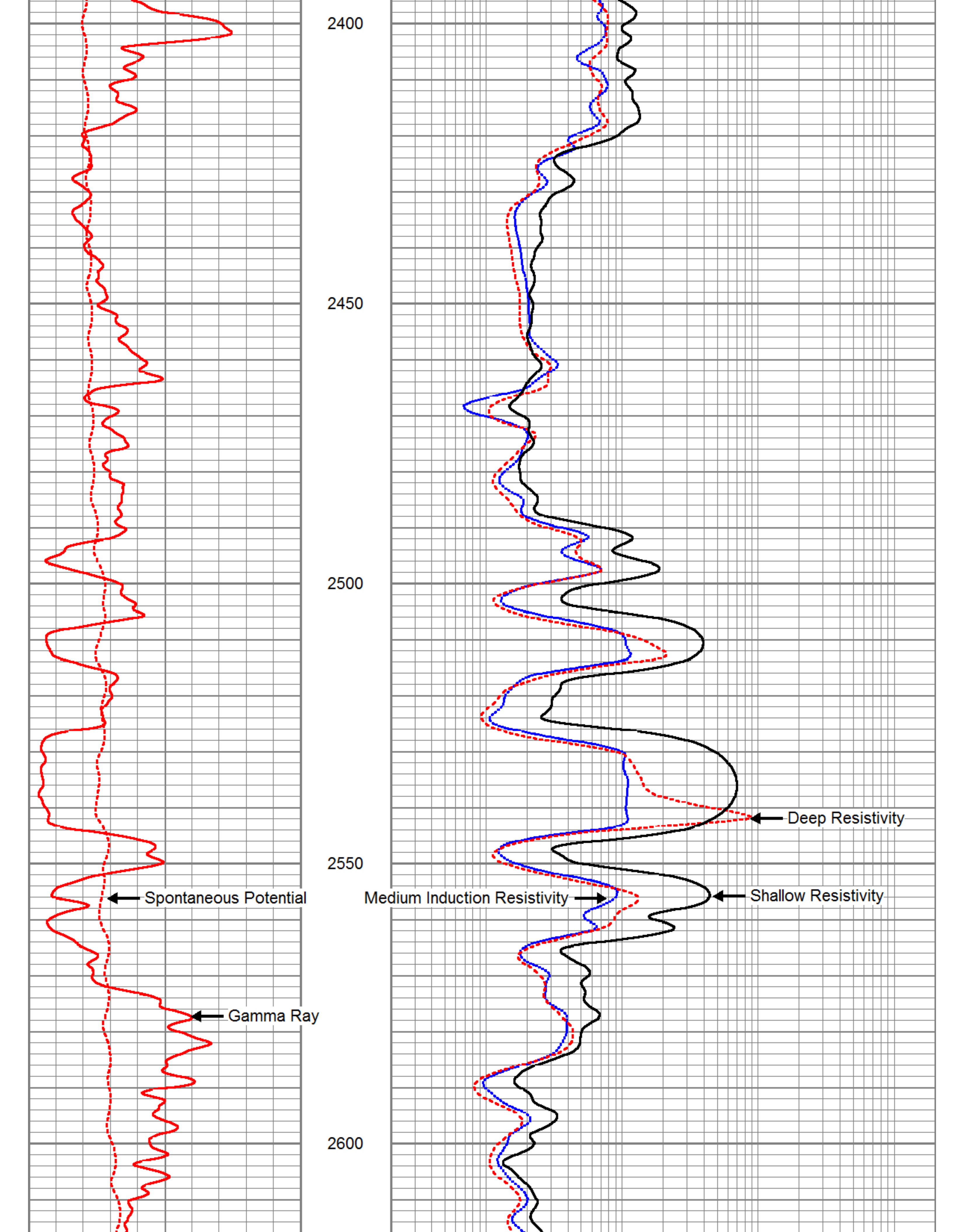

1550
1600
1650
1700

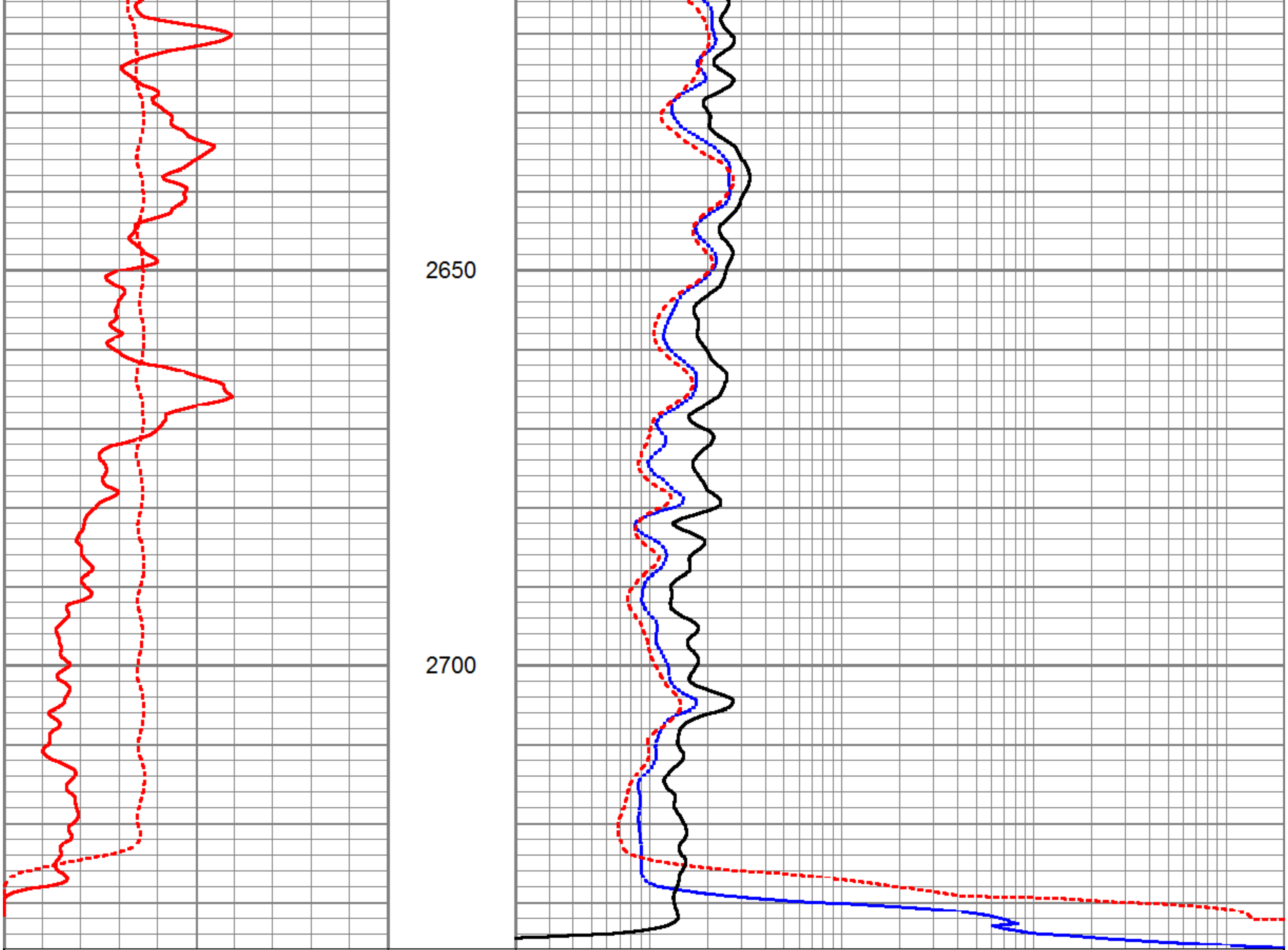


1750
1800
1850
1900
1950


2000
2050
2100
2150


2200
2250
2300
2350


2400
2450
2500
2550
2600
Spontaneous Potential
Gamma Ray
Medium Induction Resistivity
Deep Resistivity
Shallow Resistivity



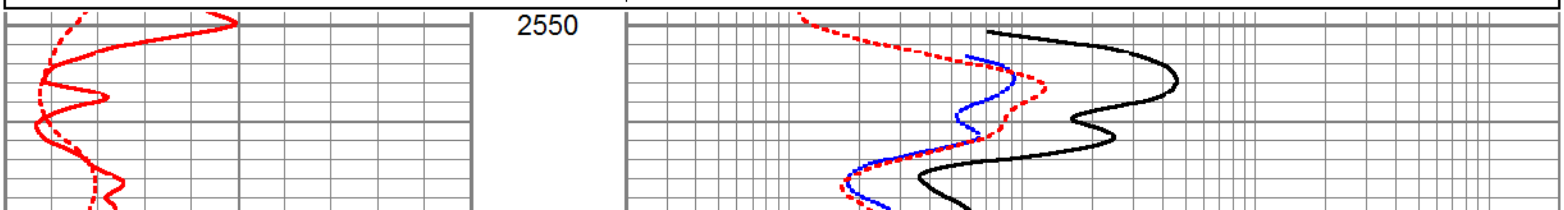
0	Gamma Ray (GAPI)	100	
0	Spontaneous Potential (mV)	200	
0.2	Medium Induction Resistivity (Ohm-m)	2000	
0.2	Deep Induction Resistivity (Ohm-m)	2000	
0.2	Shallow Resistivity (Ohm-m)	2000	

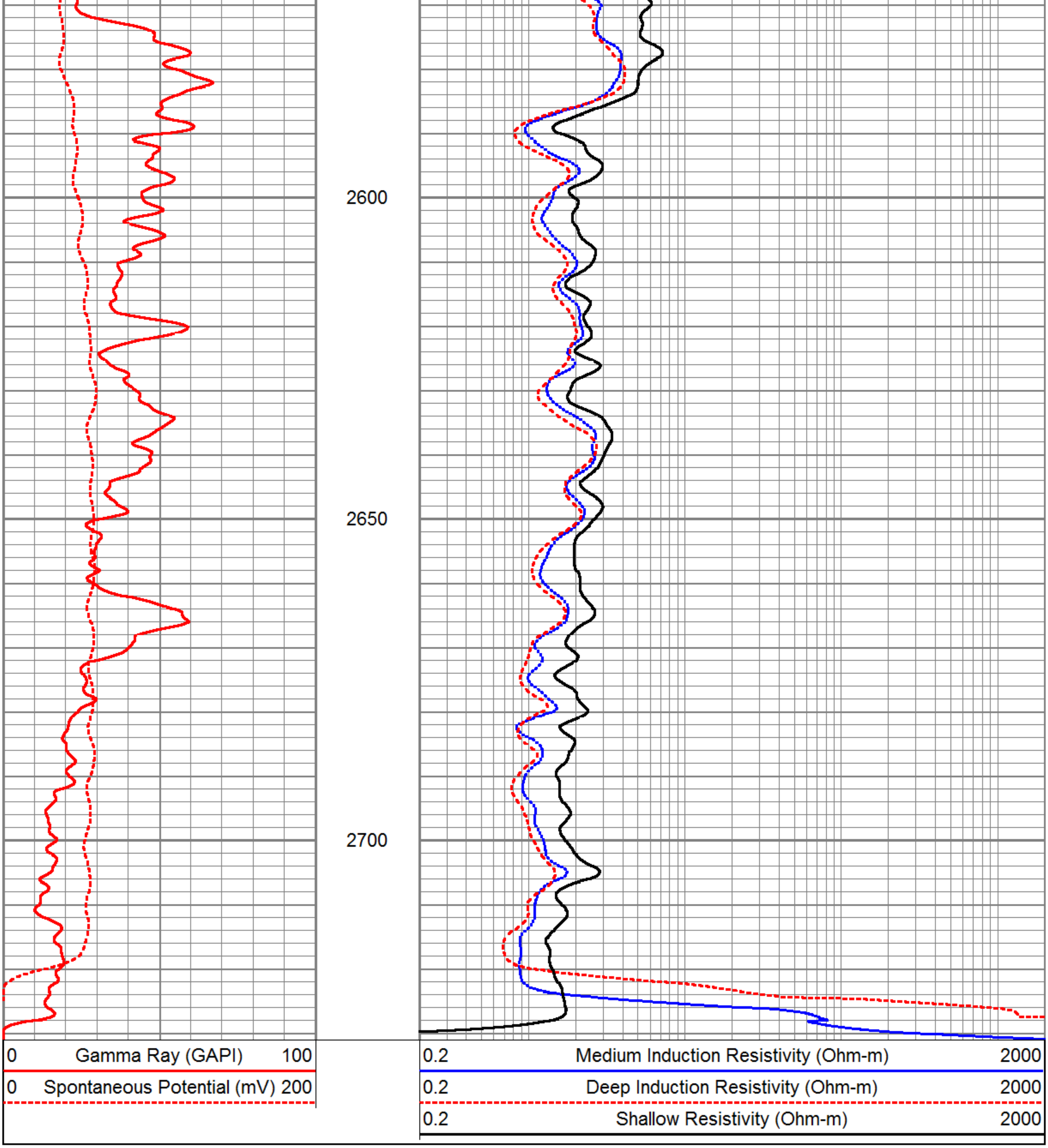
ALLWEBBS ENTERPRISES, INC.

REPEAT PASS

Database File: kisspof28_2.db
Dataset Pathname: run8/DILRPFIN
Presentation Format: dil
Dataset Creation: Wed Dec 21 13:14:29 2011
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100	
0	Spontaneous Potential (mV)	200	
0.2	Medium Induction Resistivity (Ohm-m)	2000	
0.2	Deep Induction Resistivity (Ohm-m)	2000	
0.2	Shallow Resistivity (Ohm-m)	2000	





Calibration Report	
Database File:	kisspof28_2.db
Dataset Pathname:	run8/DILMPFIN
Dataset Creation:	Wed Dec 21 13:14:23 2011

Dual Induction Calibration Report

Serial-Model:	DIL2-GEAR
Surface Cal Performed:	Tue Dec 20 19:49:42 2011
Downhole Cal Performed:	Tue Nov 08 15:48:53 2011
After Survey Verification Performed:	Tue Nov 08 16:54:56 2011

After Survey Verification Performed: Tue Nov 08 16:54:56 2011

Surface Calibration

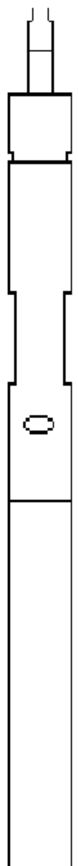
Loop:	Readings: Air	Readings: Loop		References: Air	References: Loop		Results: m	Results: b
Deep	-0.015	0.569	V	0.000	400.000	mmho-m	684.688	10.270
Medium	0.010	0.723	V	0.000	465.000	mmho-m	652.254	-6.523
Internal:	**Zero**	**Cal**		**Zero**	**Cal**		**m**	**b**
Deep	0.007	0.635	V	0.000	400.000	mmho-m	637.070	-4.479
Medium	0.010	0.750	V	0.000	465.000	mmho-m	628.185	-6.138

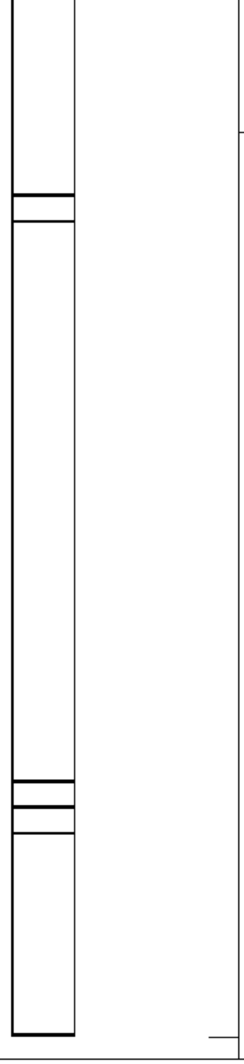
Downhole Calibration

Internal:	Readings: Zero	Readings: Cal		References: Zero	References: Cal		Results: m	Results: b
Deep	5.933	439.536	mmho-m	7.717	445.844	mmho-m	1.010	1.722
Medium	-5.649	478.826	mmho-m	-4.578	482.836	mmho-m	1.006	1.105
Shallow	2.505	0.011	V	500.000	2.000	Ohm-m	199.730	-0.238

After Survey Verification

Internal:	Readings: Zero	Readings: Cal		Targets: Zero	Targets: Cal		Results: m'	Results: b'
Deep	3.721	437.936	mmho-m	5.933	439.536	mmho-m	1.010	1.722
Medium	-25.488	485.515	mmho-m	-5.649	478.826	mmho-m	1.006	1.105
Shallow	499.938	1.991	Ohm-m	500.000	2.000	Ohm-m	1.000	0.008

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00

SP	11.00		DIL-GEAR (DIL2) GO_DIL/LL3/SP	21.25	3.50	150.00
CILD	10.50					
CILM	7.00					
RLL3	2.00					

Dataset: kisspof28_2.db: field/well/run8/DILMPFIN
Total Length: 22.25 ft
Total Weight: 155.00 lb
O.D. 3.50 in

FLUID CONDUCTIVITY TEMPERATURE LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Location: API # :

Other Services: SEE COMMENTS

SEC TWP RGE

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation: K.B. D.F. G.L.

Date	21-DEC-2011		
Run Number	EIGHT		
Depth Driller	2705'		
Depth Logger	2730'		
Bottom Logged Interval	2730'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	90.1 DEFG		
Estimated Cement Top	SURFACE		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	SURFACE	350'	FIVE	23.00"	CASING	750'
TWO	28.00"	CASING	290'	SIX	12.25"	CASING	1305'
THREE	10.625"	CASING	530'	SEVEN	17.00"	CASING	1300'
FOUR	10.625"	530'	750'	EIGHT	10.625"	CASING	2705'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner	12"	.375 W.T	SURFACE	1297'

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Comments

XYC/GR
DIL/LL3/SP
BHC/SONIC/VDL
FLOWMETER
DHTVS

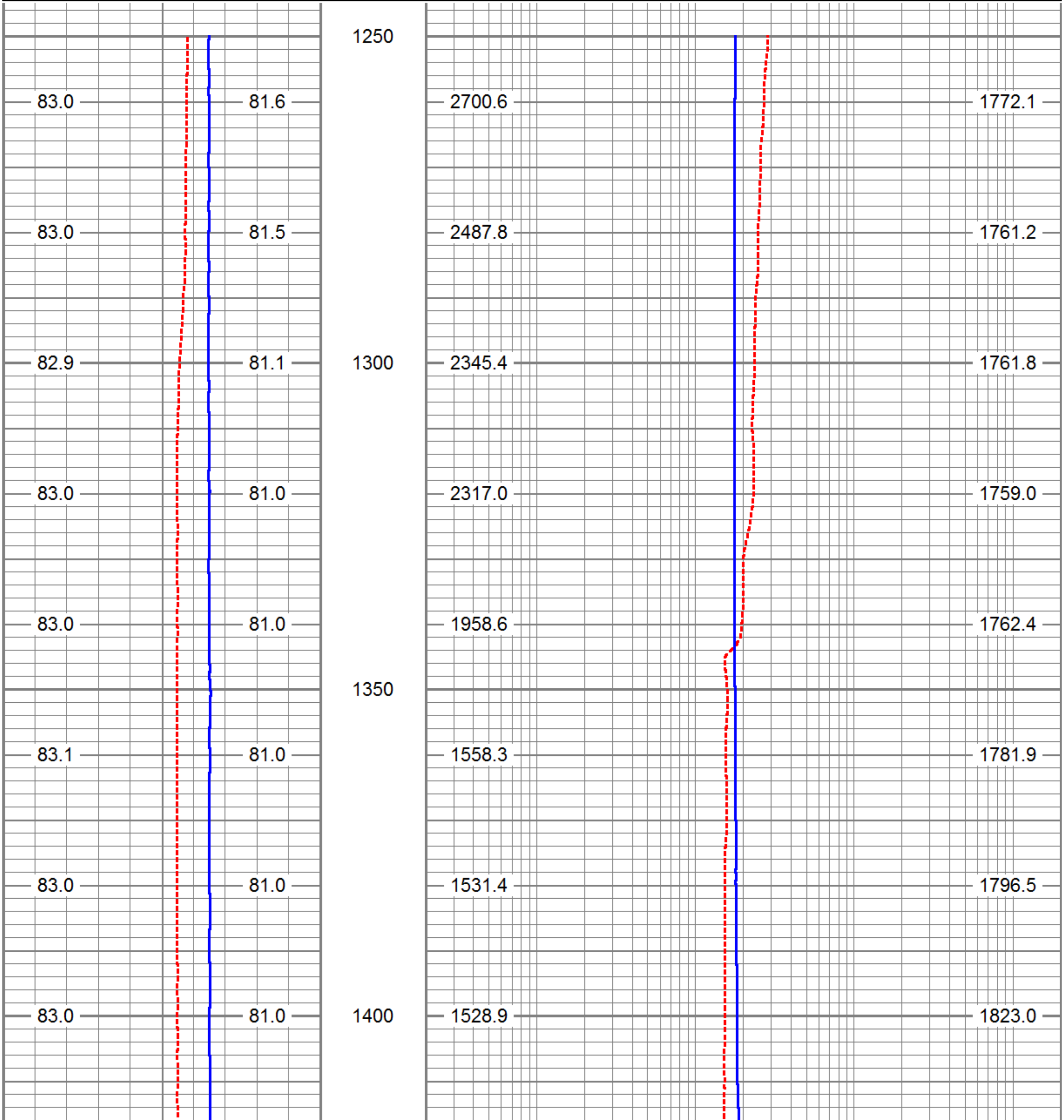
ALLWEBBS

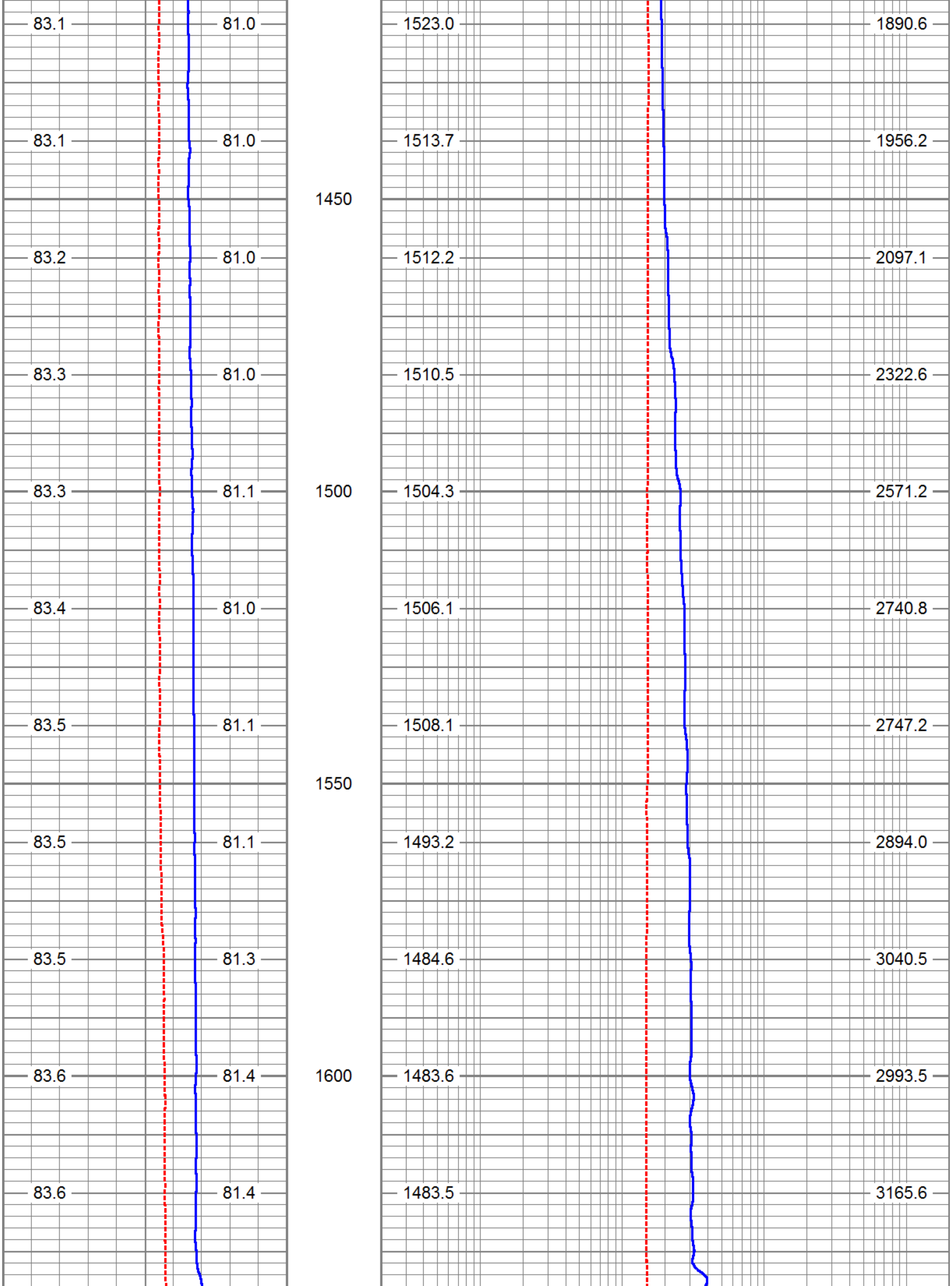
FCT MERGE (3,800 GPM)

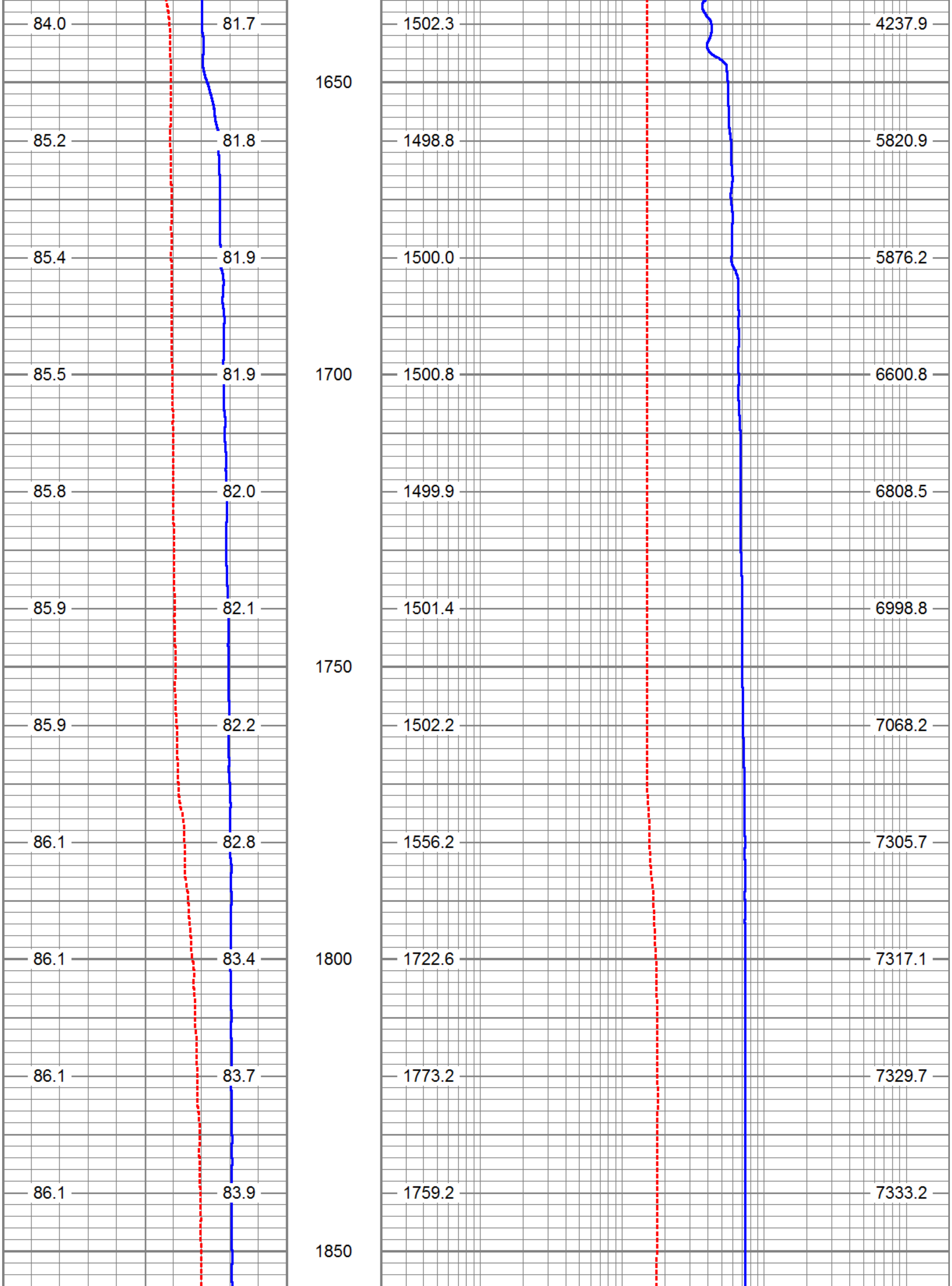
ENTERPRISES, INC.

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FRTMGFIN
Presentation Format:	fct
Dataset Creation:	Thu Dec 22 09:50:04 2011
Charted by:	Depth in Feet scaled 1:240

70 Dynamic Temperature (degF) 90		20 Static Fluid Conductiity (um) 200000
70 Static Temperature (degF) 90		20 Dynamic Fluid Conductivity (um) 200000
MP_DYNAM (degF)	EMPS_STAT (degF)	CONS_STAT (um) / ON_DYNAM (um)




83.1 81.0 1523.0 1890.6
83.1 81.0 1513.7 1956.2
1450
83.2 81.0 1512.2 2097.1
83.3 81.0 1510.5 2322.6
83.3 81.1 1500 1504.3 2571.2
83.4 81.0 1506.1 2740.8
83.5 81.1 1508.1 2747.2
1550
83.5 81.1 1493.2 2894.0
83.5 81.3 1484.6 3040.5
83.6 81.4 1600 1483.6 2993.5
83.6 81.4 1483.5 3165.6


84.0
81.7
1502.3
4237.9
1650
85.2
81.8
1498.8
5820.9
85.4
81.9
1500.0
5876.2
85.5
81.9
1700
1500.8
6600.8
85.8
82.0
1499.9
6808.5
85.9
82.1
1501.4
6998.8
1750
85.9
82.2
1502.2
7068.2
86.1
82.8
1556.2
7305.7
86.1
83.4
1800
1722.6
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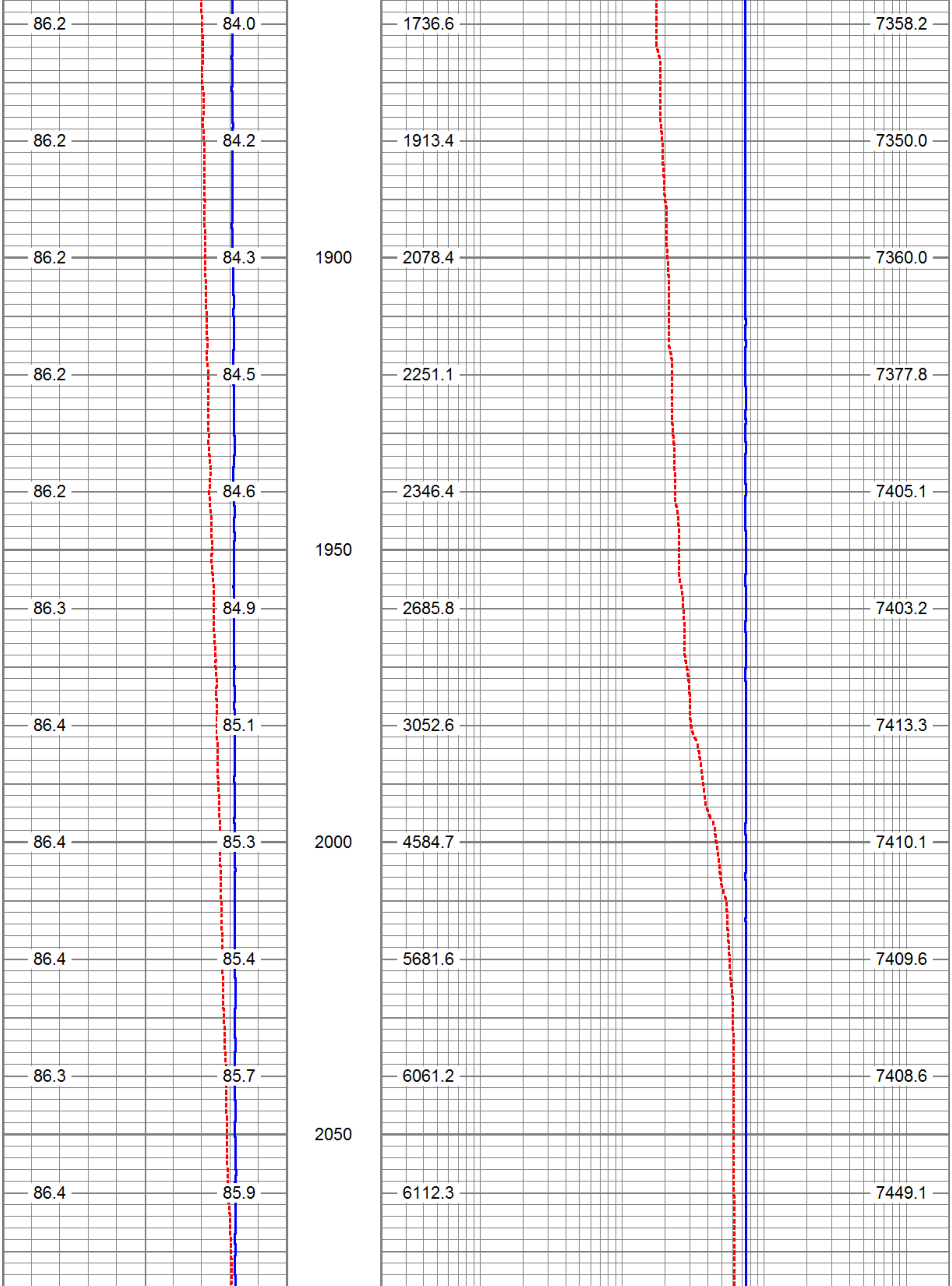
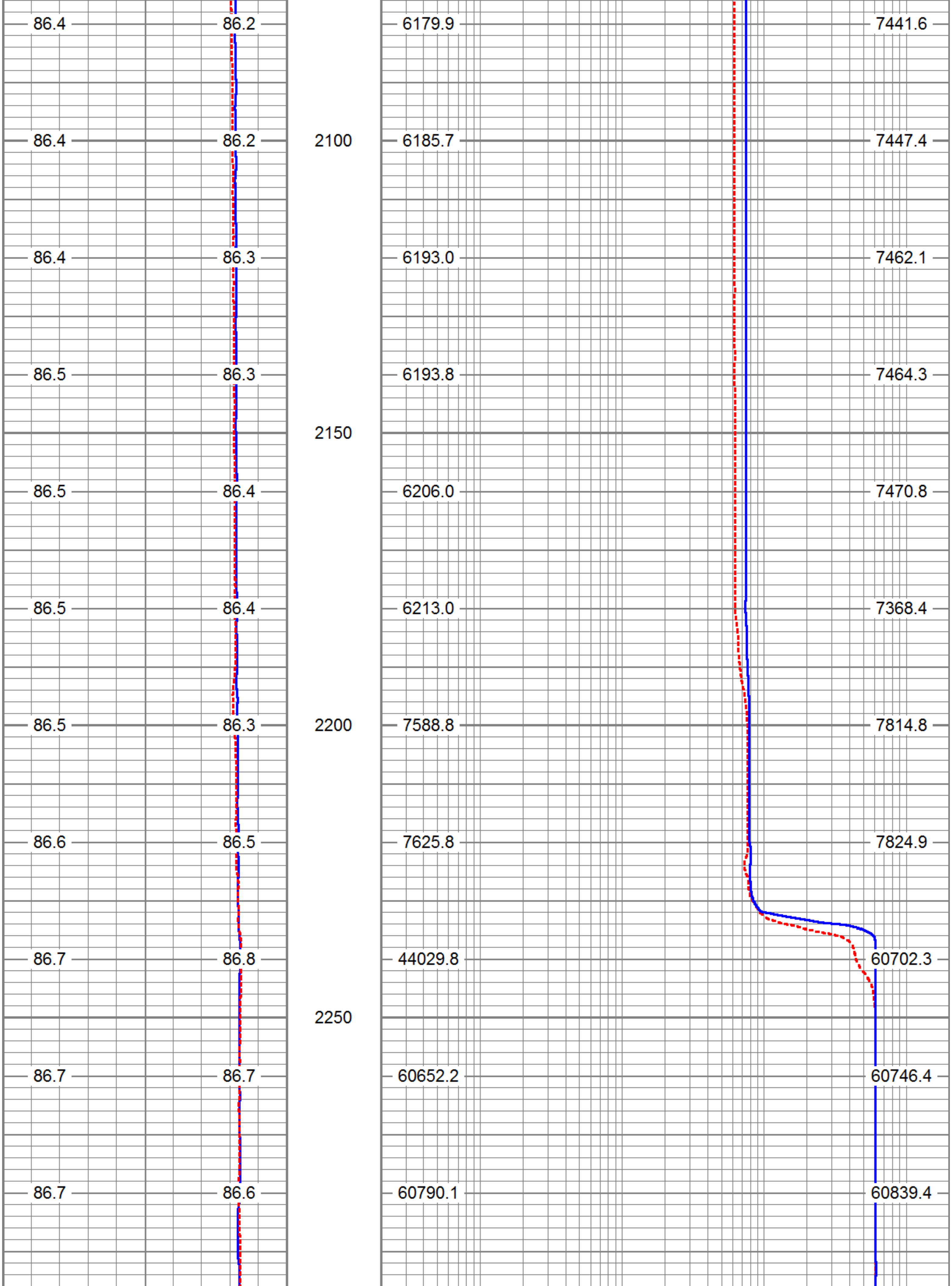
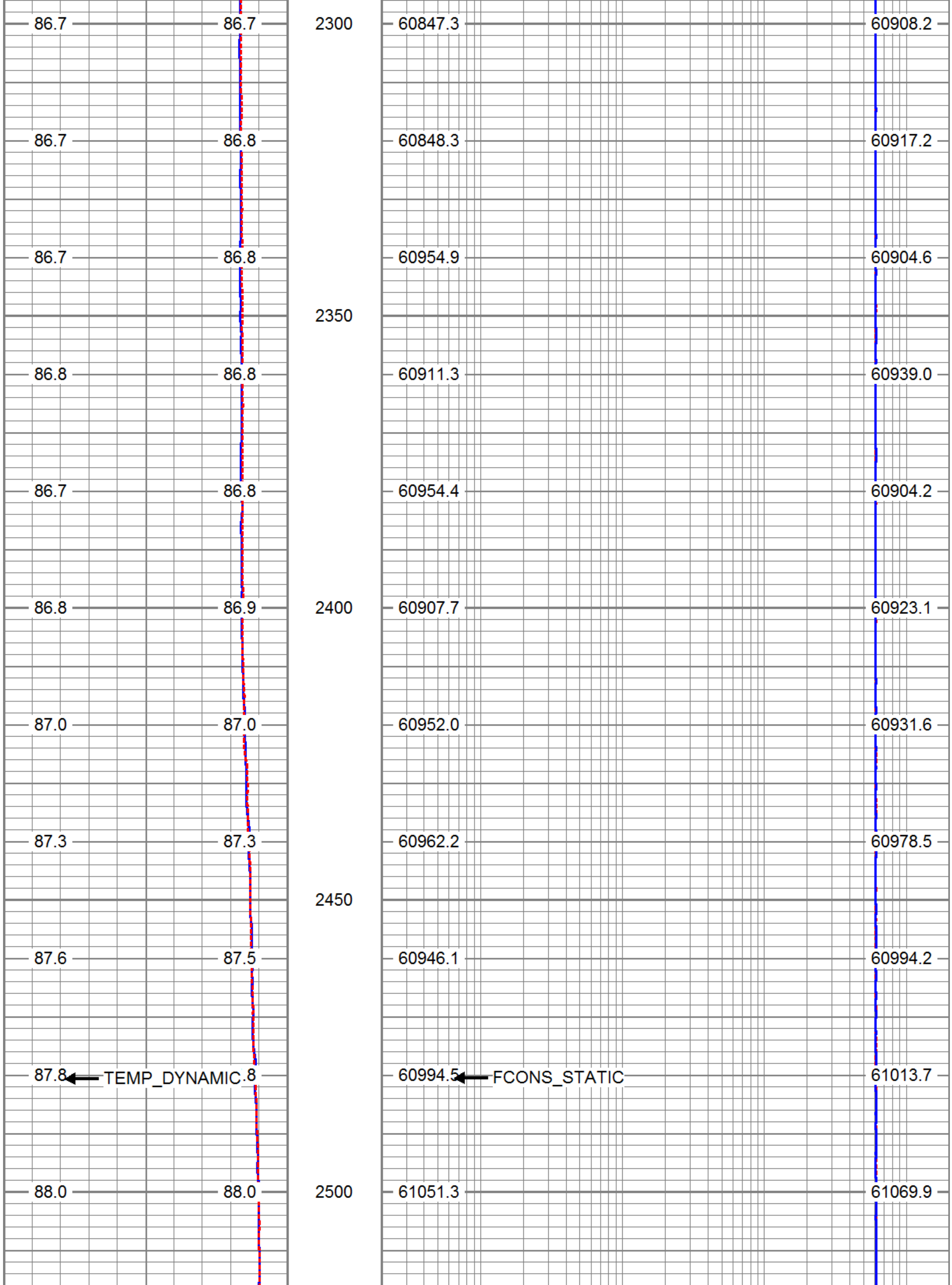
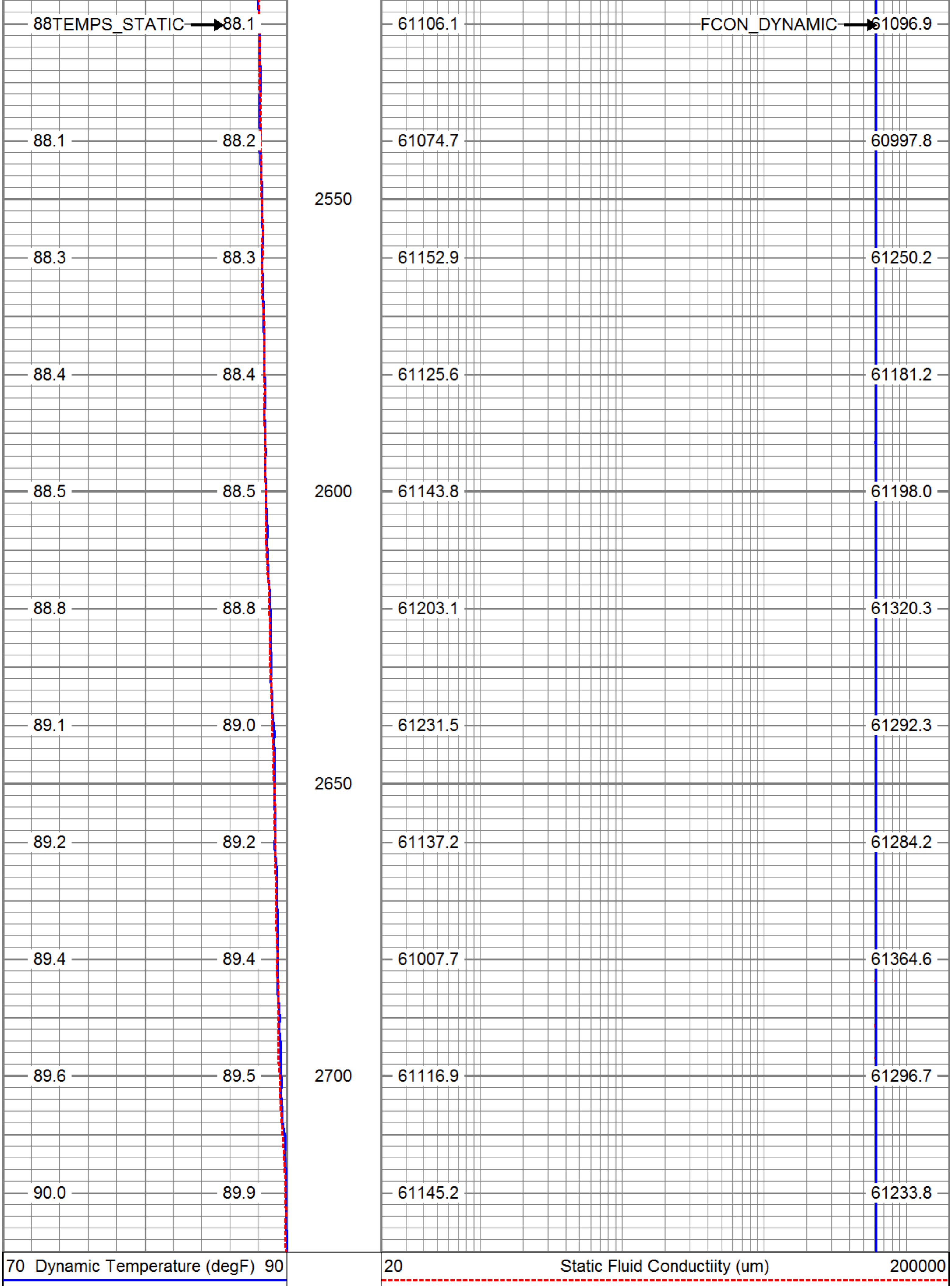
86.1
83.7
1773.2
7329.7
86.1
83.9
1759.2
7333.2
1850


86.2
84.0
1736.6
7358.2
86.2
84.2
1913.4
7350.0
86.2
84.3
1900
2078.4
7360.0
86.2
84.5
2251.1
7377.8
86.2
84.6
2346.4
7405.1
1950
86.3
84.9
2685.8
7403.2
86.4
85.1
3052.6
7413.3
86.4
85.3
2000
4584.7
7410.1
86.4
85.4
5681.6
7409.6
86.3
85.7
6061.2
7408.6
2050
86.4
85.9
6112.3
7449.1


86.4
86.2
6179.9
7441.6
86.4
86.2
2100
6185.7
7447.4
86.4
86.3
6193.0
7462.1
86.5
86.3
6193.8
7464.3
2150
86.5
86.4
6206.0
7470.8
86.5
86.4
6213.0
7368.4
86.5
86.3
2200
7588.8
7814.8
86.6
86.5
7625.8
7824.9
86.7
86.8
44029.8
60702.3
2250
86.7
86.7
60652.2
60746.4
86.7
86.6
60790.1
60839.4


86.7 86.7 2300 60847.3 60908.2
86.7 86.8 60848.3 60917.2
86.7 86.8 60954.9 60904.6
2350
86.8 86.8 60911.3 60939.0
86.7 86.8 60954.4 60904.2
86.8 86.9 2400 60907.7 60923.1
87.0 87.0 60952.0 60931.6
87.3 87.3 60962.2 60978.5
2450
87.6 87.5 60946.1 60994.2
87.8 TEMP_DYNAMIC .8 60994.5 FCONS_STATIC 61013.7
88.0 88.0 2500 61051.3 61069.9



88TEMPS_STATIC
88.1
61106.1
FCON_DYNAMIC
61096.9
88.1
88.2
61074.7
60997.8
2550
88.3
88.3
61152.9
61250.2
88.4
88.4
61125.6
61181.2
88.5
88.5
2600
61143.8
61198.0
88.8
88.8
61203.1
61320.3
89.1
89.0
61231.5
61292.3
2650
89.2
89.2
61137.2
61284.2
89.4
89.4
61007.7
61364.6
89.6
89.5
2700
61116.9
61296.7
90.0
89.9
61145.2
61233.8
70 Dynamic Temperature (degF) 90
20 Static Fluid Conductiity (um) 200000

70 Static Temperature (degF) 90		20 Dynamic Fluid Conductivity (um) 200000	
MP_DYNAM (degF)	MPS_STAT (degF)	ONS_STAT (um)	ON_DYNAM (um)

Calibration Report

Database File: kisspof28_2.db
Dataset Pathname: run8/FRTDY2
Dataset Creation: Wed Dec 21 17:15:00 2011 by Log Open-Cased 071220

Temperature Calibration Report

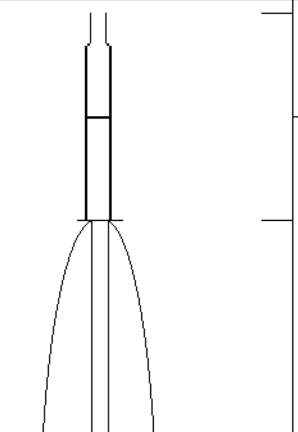
Serial Number: 1
Tool Model: RG
Performed: Fri Apr 16 15:29:27 2010

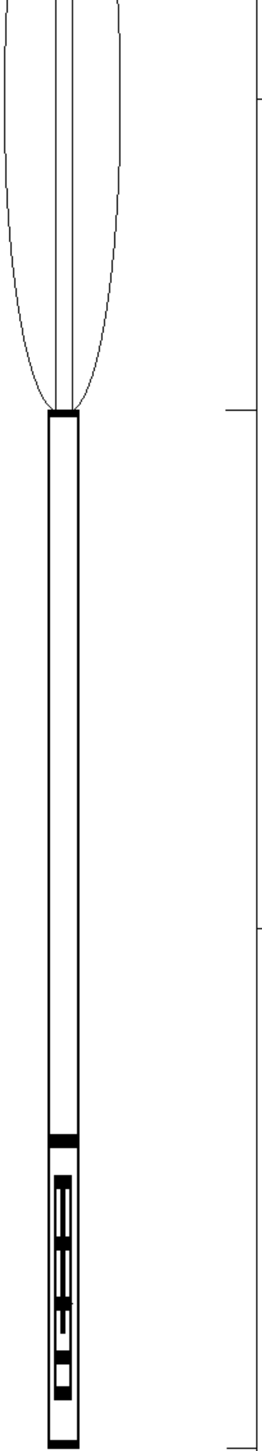
Point #	Reading	Reference	
1	3636.76	32.20	degF
2	4626.58	51.60	degF
3	6505.18	72.00	degF
4	7120.74	77.40	degF
5	8623.55	91.80	degF
6	9608.83	100.60	degF
7			degF
8			degF
9			degF
10			degF

Calibration Report

Serial Number: 1
Tool Model: RG
Performed: Fri Apr 16 16:09:10 2010

Reference (um)	Reading ()
1023.000	1131.130
10090.000	10173.500
13040.000	12435.600
25200.000	23497.400
29200.000	24812.300
49900.000	39605.500

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		CBLINLINE	3.00	1.50	10.00
		FRTEMP-RG (1) RG_FCON	5.00	1.50	25.00
FCON	0.50				
TEMP	0.33				

Dataset:	kisspof28_2.db: field/well/run8/FRTDY2
Total Length:	9.00 ft
Total Weight:	40.00 lb
O.D.	1.50 in

FLOWMETER LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT

Well POF #28

Field KISSIMMEE BASIN (LFA)

County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation: K.B. D.F. G.L.

Date	21-DEC-2011		
Run Number	EIGHT		
Depth Driller	2705'		
Depth Logger	2730'		
Bottom Logged Interval	2730'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	90.1 DEFG		
Estimated Cement Top	SURFACE		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	SURFACE	350'	FIVE	23.00"	CASING	750'
TWO	28.00"	CASING	290'	SIX	12.25"	CASING	1305'
THREE	10.625"	CASING	530'	SEVEN	17.00"	CASING	1300'
FOUR	10.625"	530'	750'	EIGHT	10.625"	CASING	2705'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner	12"	.375 W.T	SURFACE	1297'

<<< Fold Here >>>

Comments

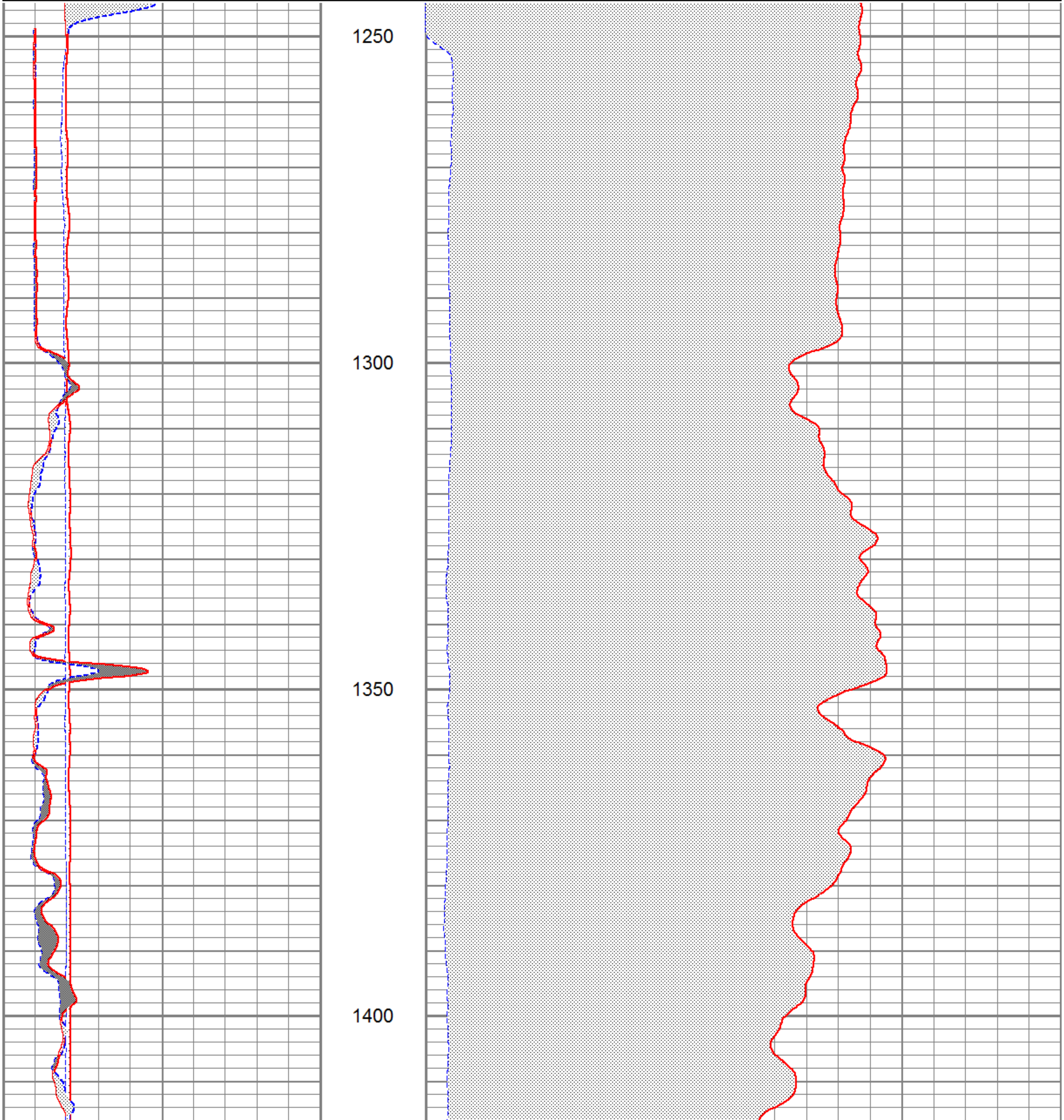
XYC/GR
DIL/LL3/SP
BHC/SONIC/VDL
FCT
DHTVS

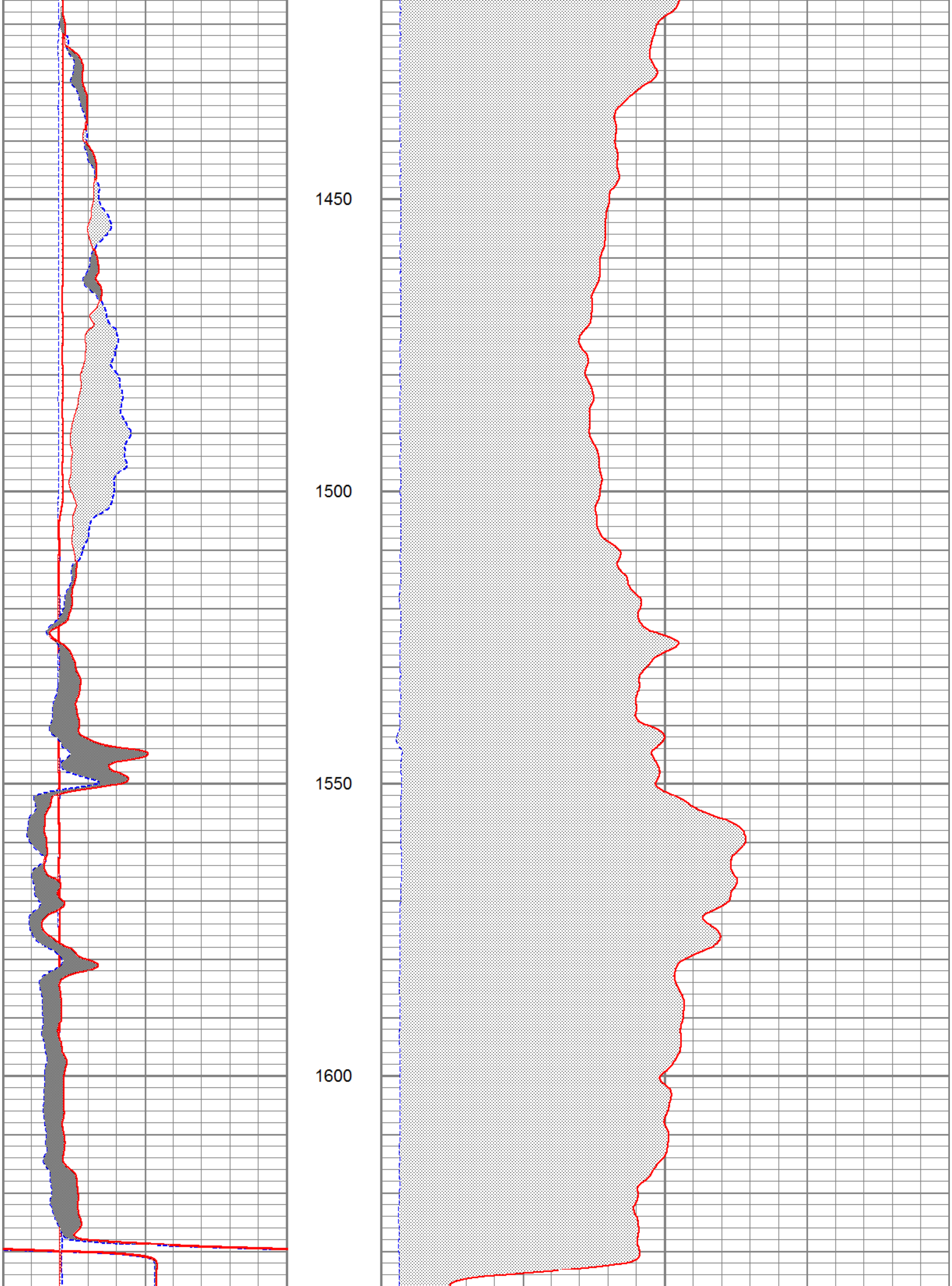
FLOW MERGE (3,800 GPM)

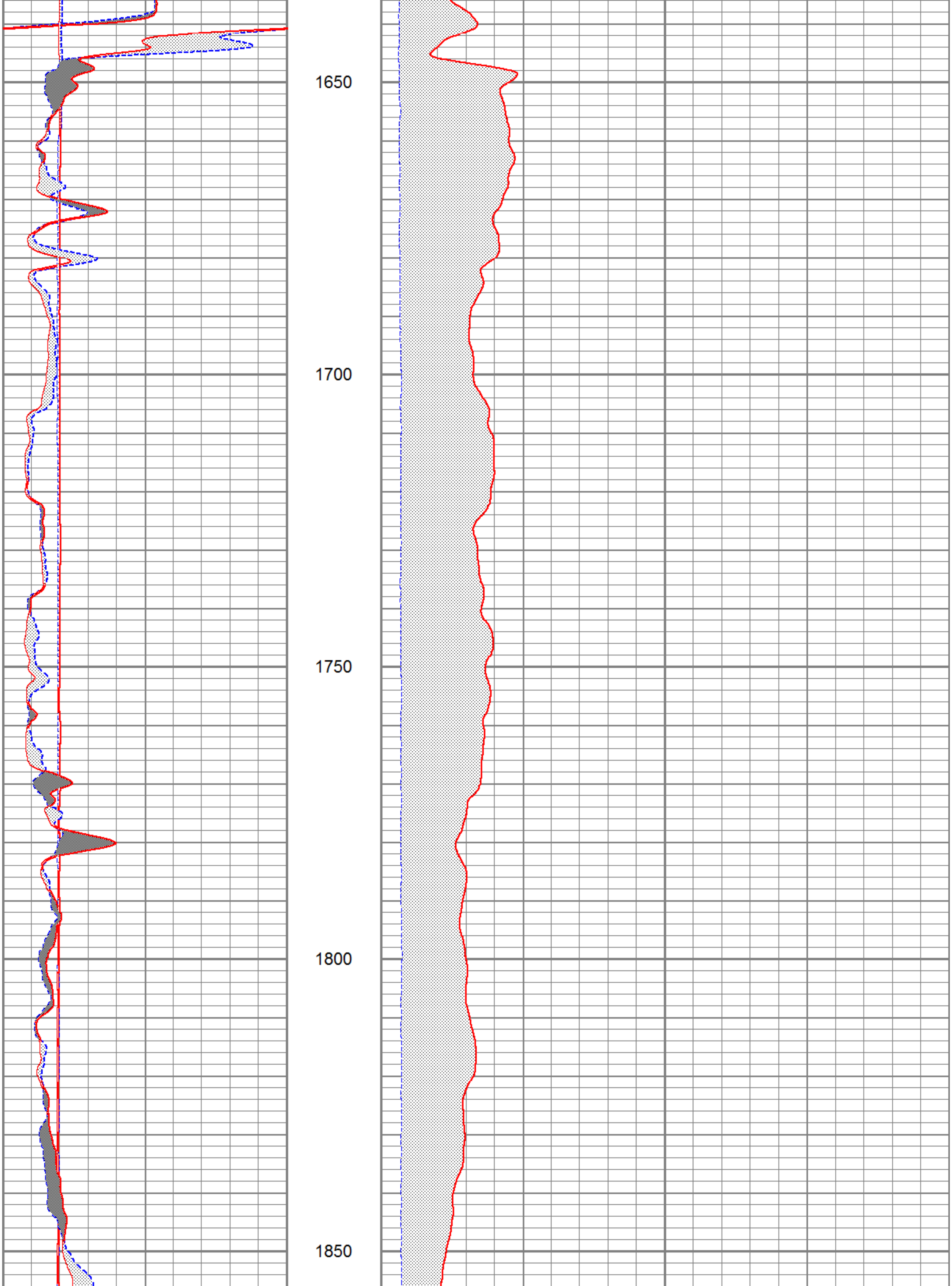
Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMDYFIN
Presentation Format:	flow_mg
Dataset Creation:	Thu Dec 22 13:56:33 2011
Charted by:	Depth in Feet scaled 1:240

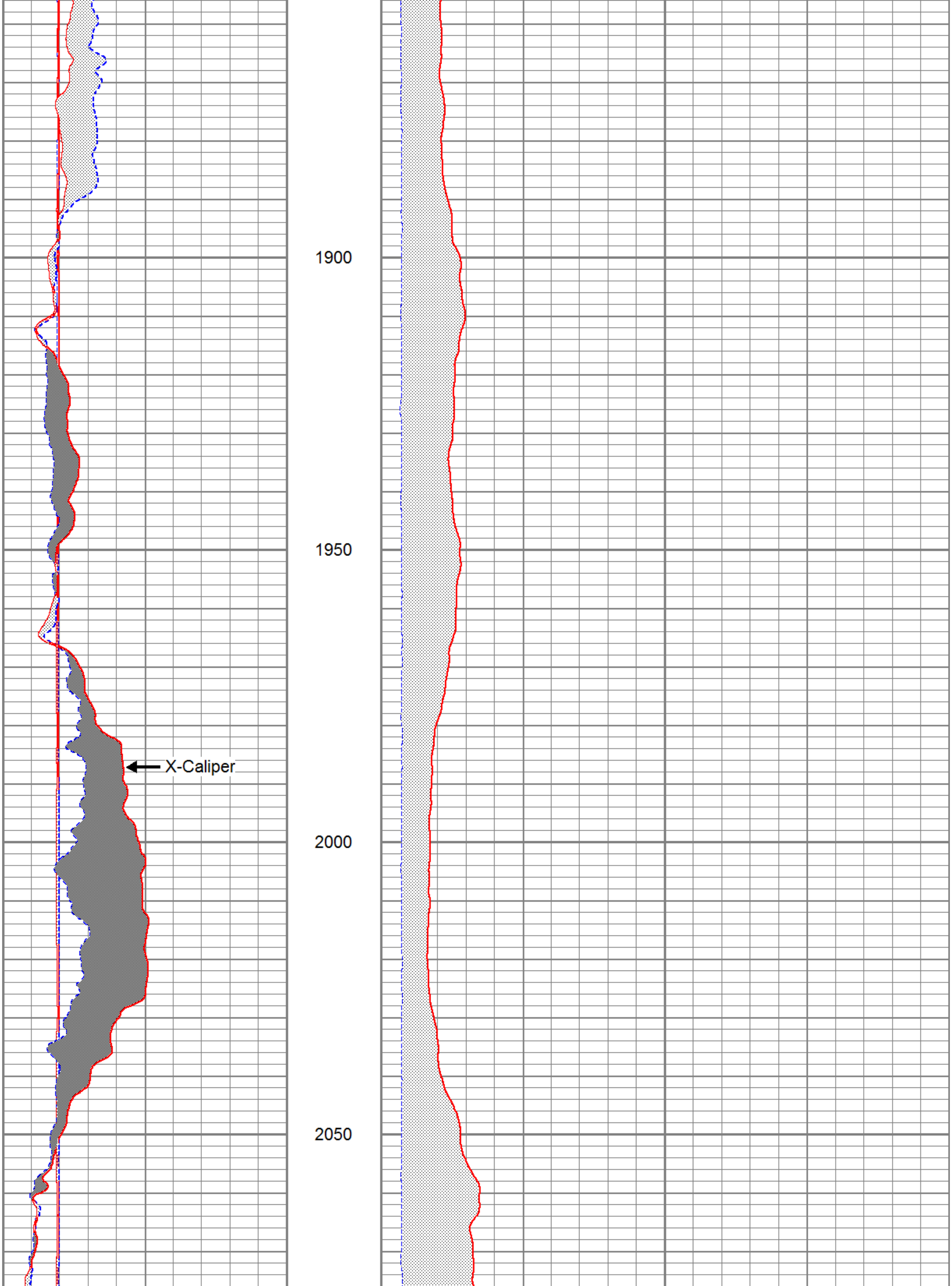
100	LSPD_STATIC (ft/min)	-100
100	LSPD_DYNAMIC (ft/min)	-100
10	YCAL (in)	30
10	XCAL (in)	30

0	FLOW_STATIC (cps)	400
0	FLOW_DYNAMIC (cps)	400

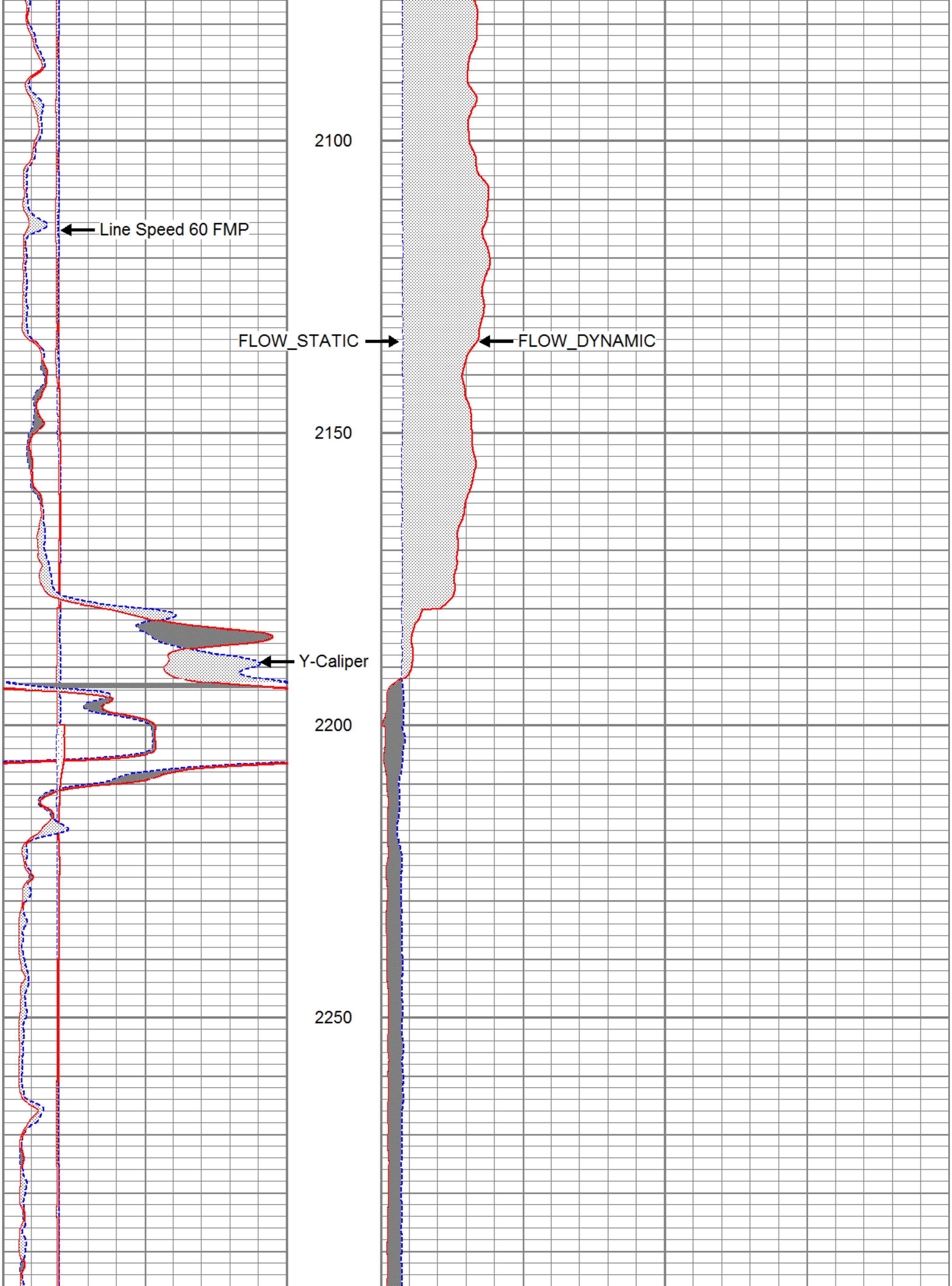



1450
1500
1550
1600

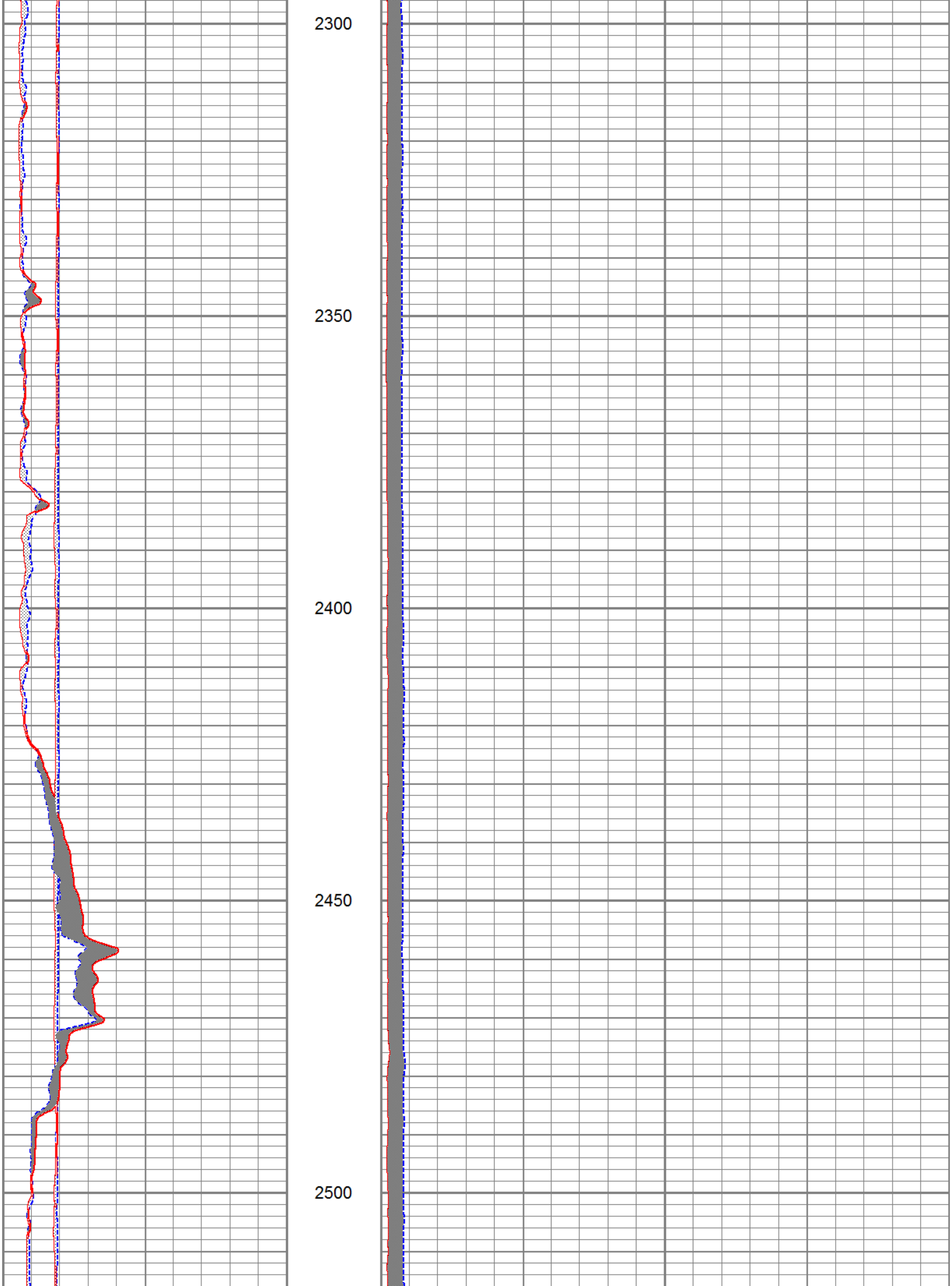

1650
1700
1750
1800
1850

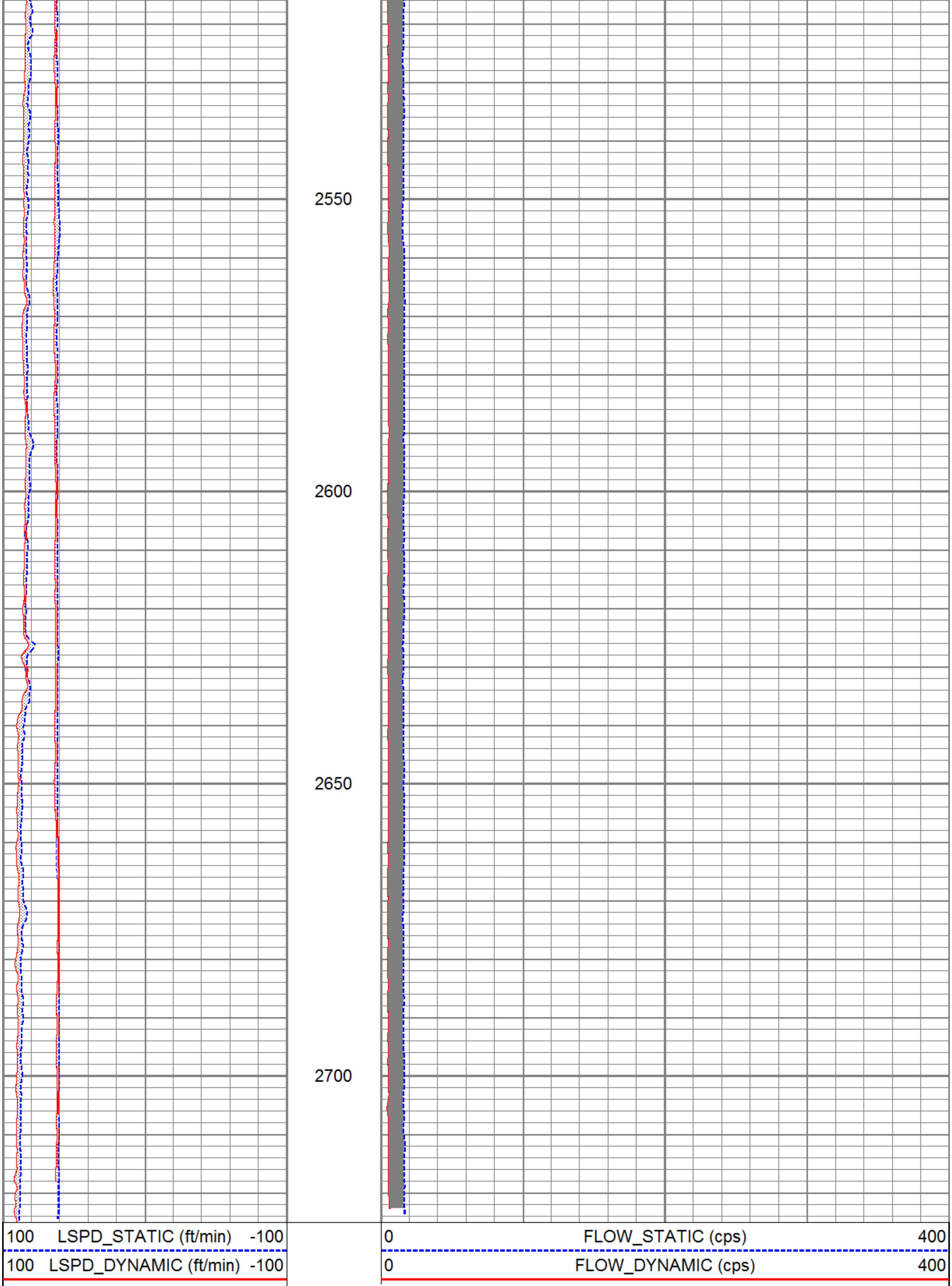


1900
1950
X-Caliper
2000
2050



2100
Line Speed 60 FMP
FLOW_STATIC
FLOW_DYNAMIC
2150
Y-Caliper
2200
2250


2300
2350
2400
2450
2500


2550
2600
2650
2700
100 LSPD_STATIC (ft/min) -100
100 LSPD_DYNAMIC (ft/min) -100
0 FLOW_STATIC (cps) 400
0 FLOW_DYNAMIC (cps) 400

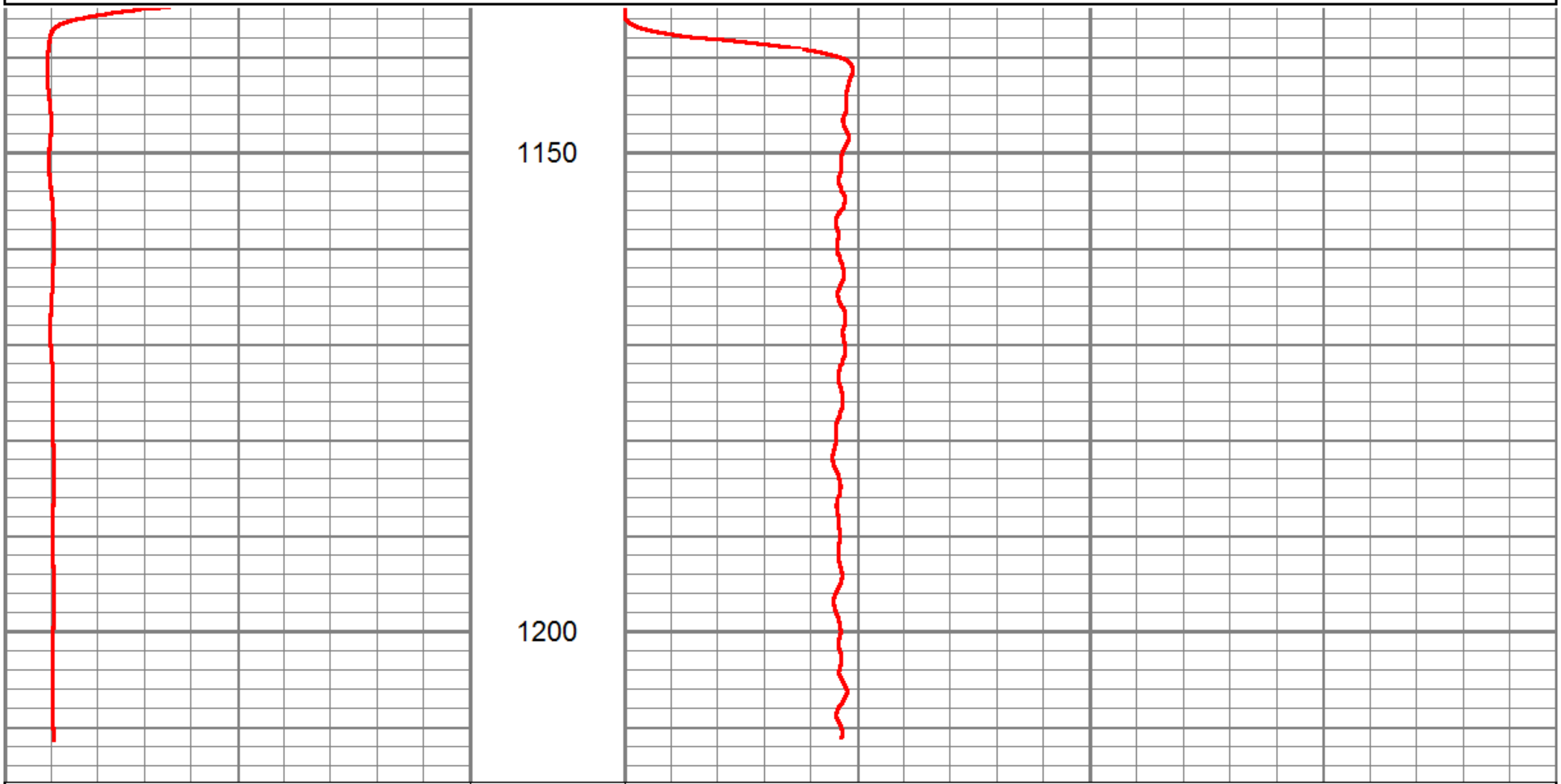
10 YCAL (in) 30

10 XCAL (in) 30

CALS @ 80 FPM

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMCAL80
Presentation Format:	flow_mg
Dataset Creation:	Thu Dec 22 07:34:20 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

100 LSPD_DYNAMIC (ft/min) -100 | 0 FLOW_DYNAMIC (cps) 100

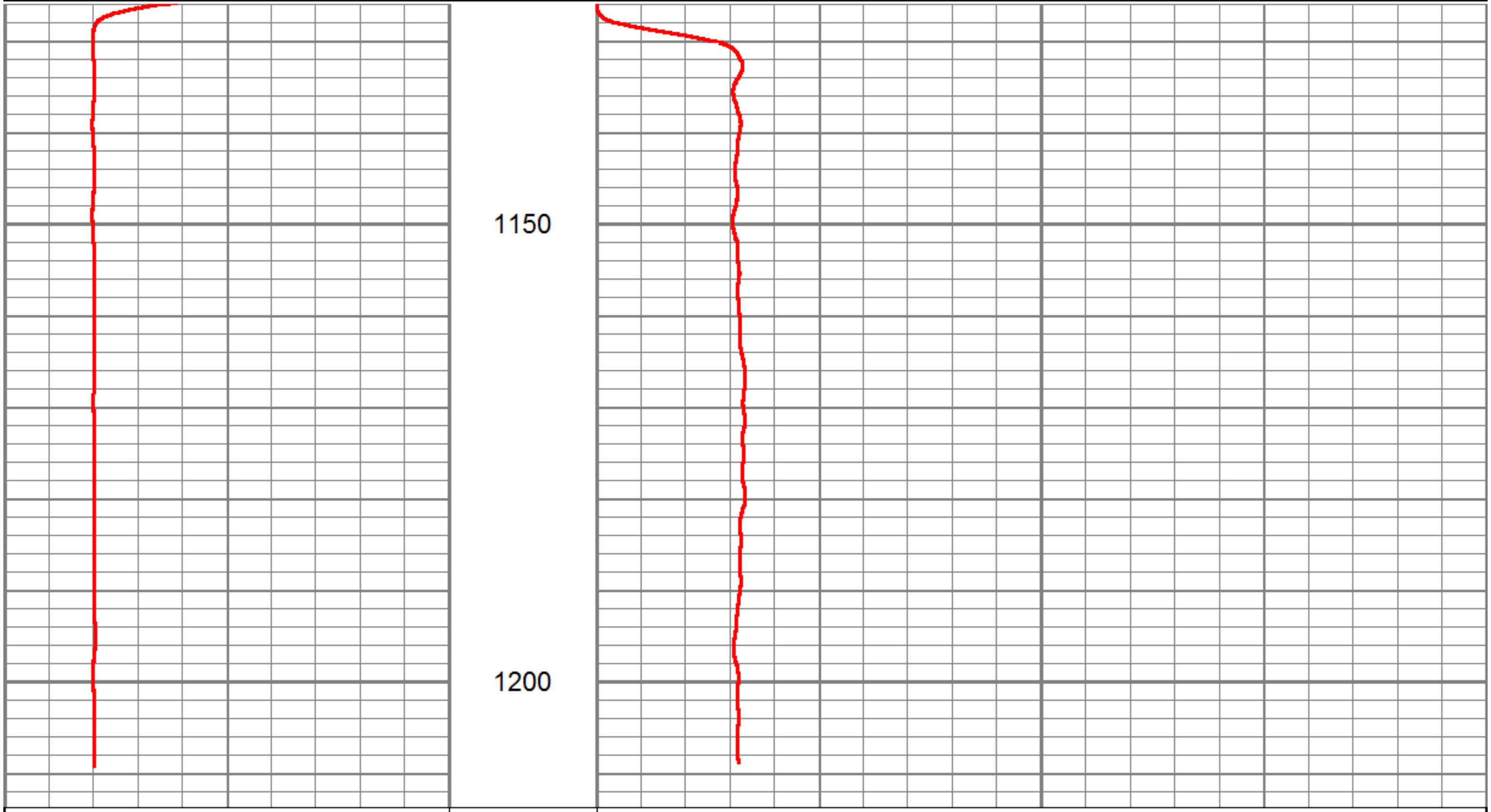


100 LSPD_DYNAMIC (ft/min) -100 | 0 FLOW_DYNAMIC (cps) 100

CALS @60 FPM

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMCAL60
Presentation Format:	flow_mg
Dataset Creation:	Thu Dec 22 07:31:31 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

100 LSPD_DYNAMIC (ft/min) -100 | 0 FLOW_DYNAMIC (cps) 100

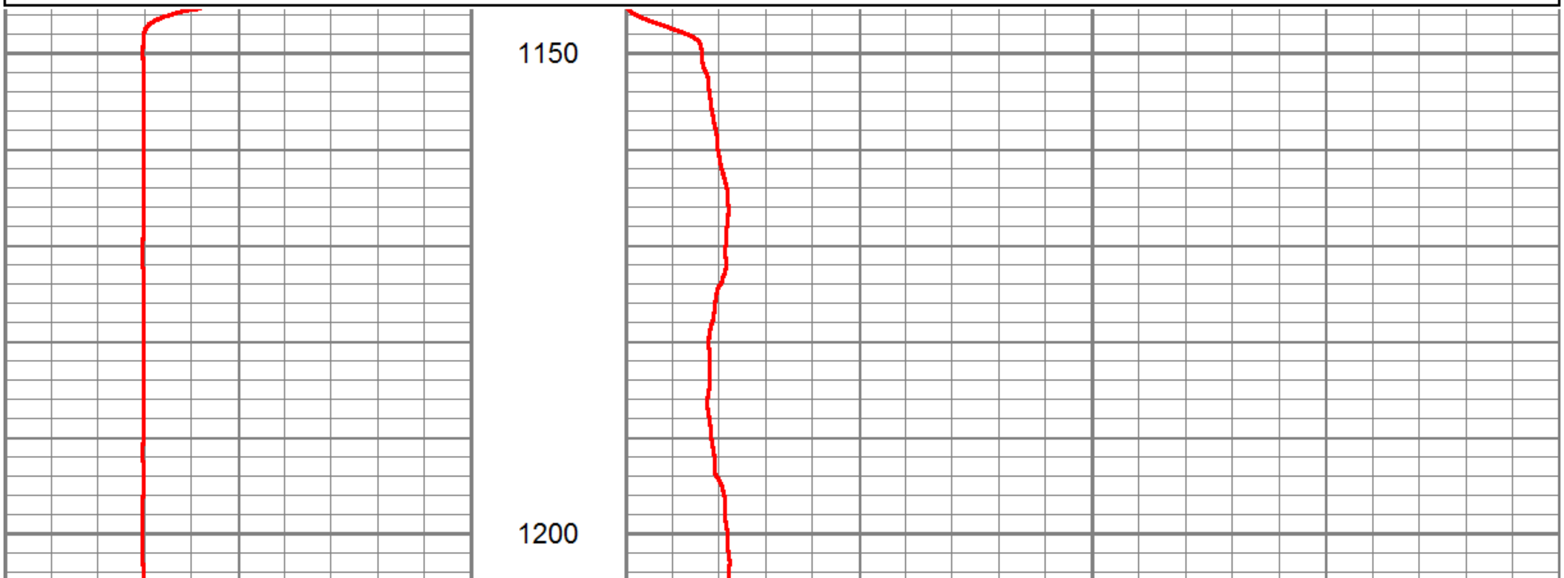


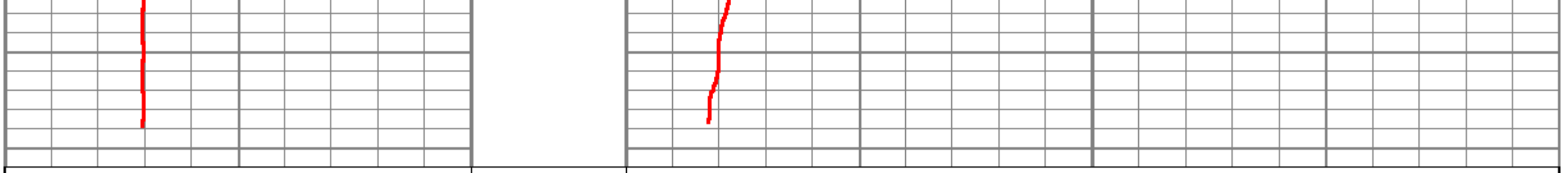
100 LSPD_DYNAMIC (ft/min) -100 | 0 FLOW_DYNAMIC (cps) 100

CALS @40 FPM

Database File: kisspof28_2.db
Dataset Pathname: run8/FMCAL401
Presentation Format: flow_mg
Dataset Creation: Thu Dec 22 07:25:49 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

100 LSPD_DYNAMIC (ft/min) -100 | 0 FLOW_DYNAMIC (cps) 100





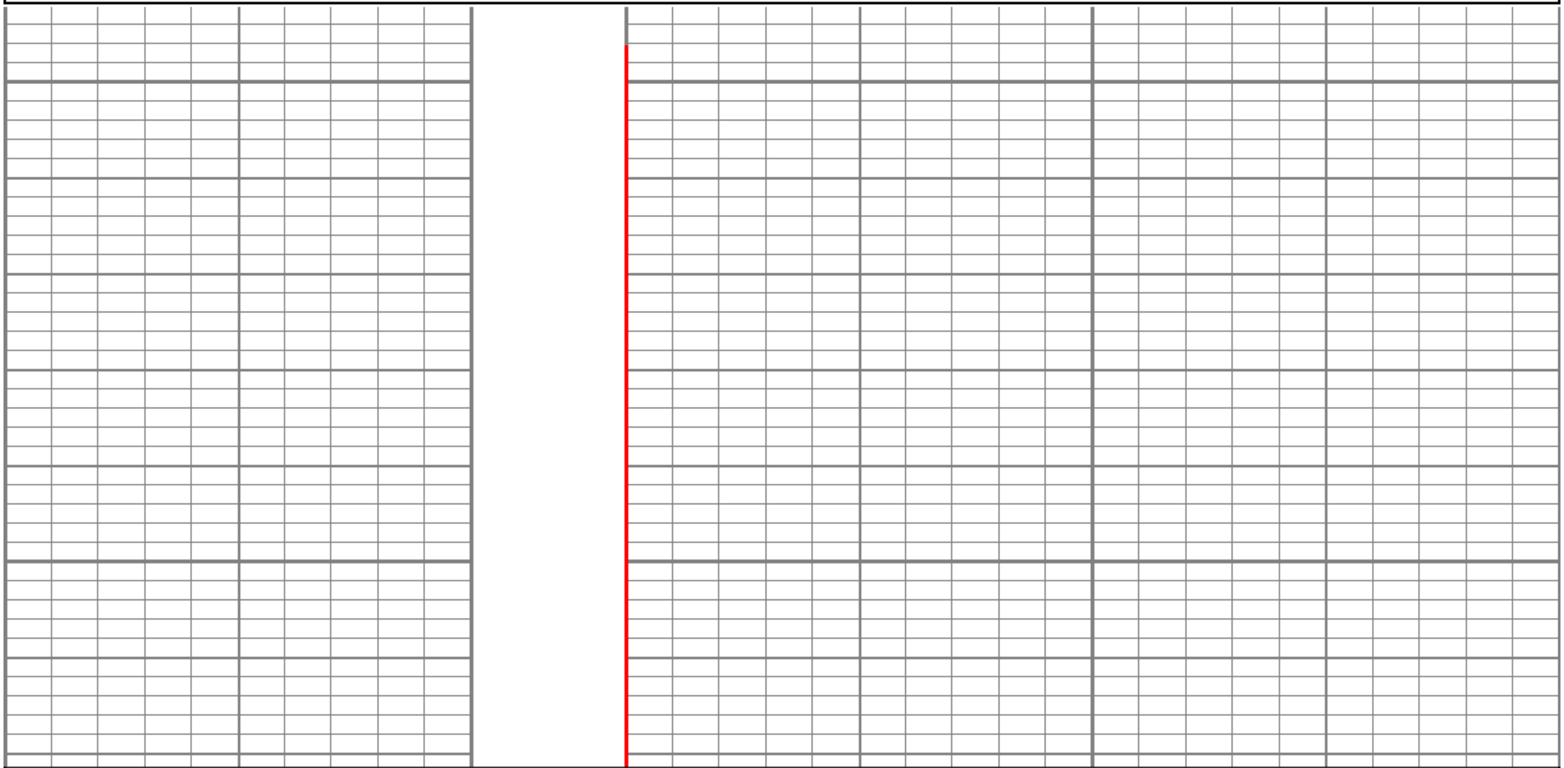
100 LSPD_DYNAMIC (ft/min) -100

0 FLOW_DYNAMIC (cps) 100

STATION @2540'

Database File: kisspof28_2.db
Dataset Pathname: run8/FMST2540
Presentation Format: flow_sta
Dataset Creation: Thu Dec 22 11:52:49 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 FLOW_DYNAMIC (cps) 50

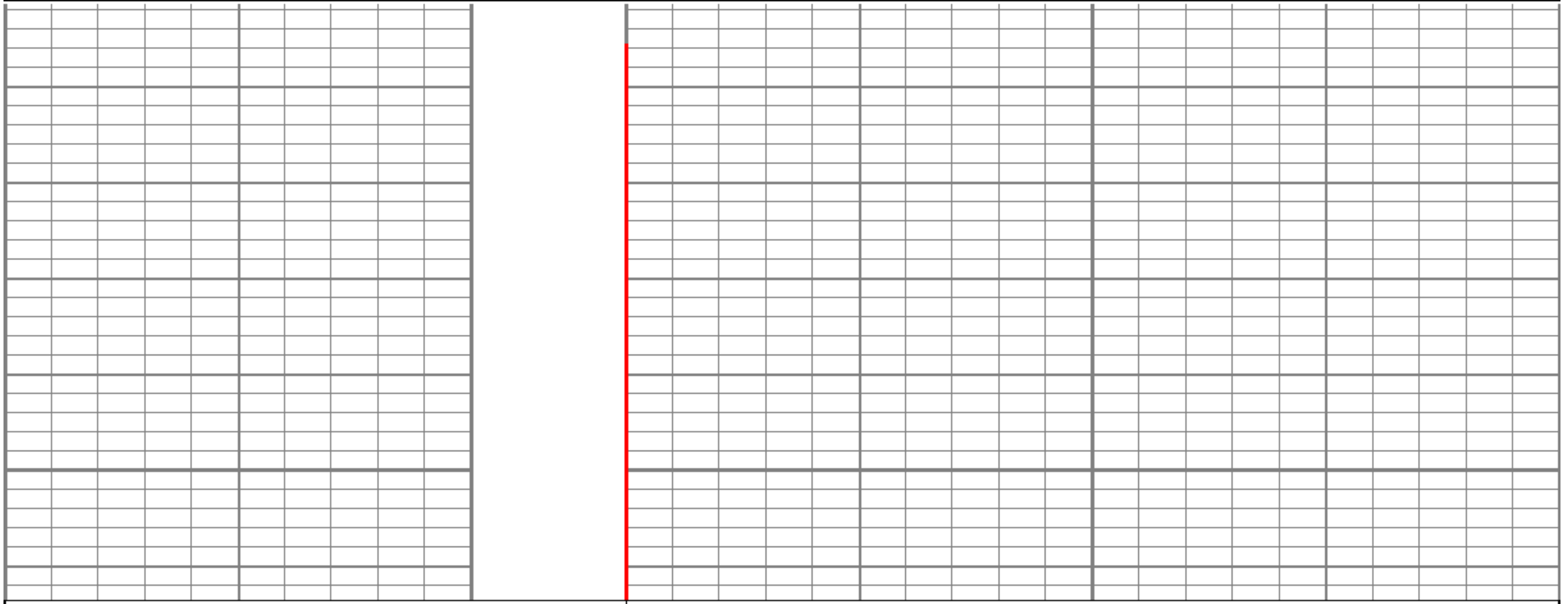


0 FLOW_DYNAMIC (cps) 50

STATION @2200'

Database File: kisspof28_2.db
Dataset Pathname: run8/FMST2200
Presentation Format: flow_sta
Dataset Creation: Thu Dec 22 11:57:59 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 FLOW_DYNAMIC (cps) 50



0 FLOW_DYNAMIC (cps) 50

STATION @2160'

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMST2160
Presentation Format:	flow_sta
Dataset Creation:	Thu Dec 22 11:59:54 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

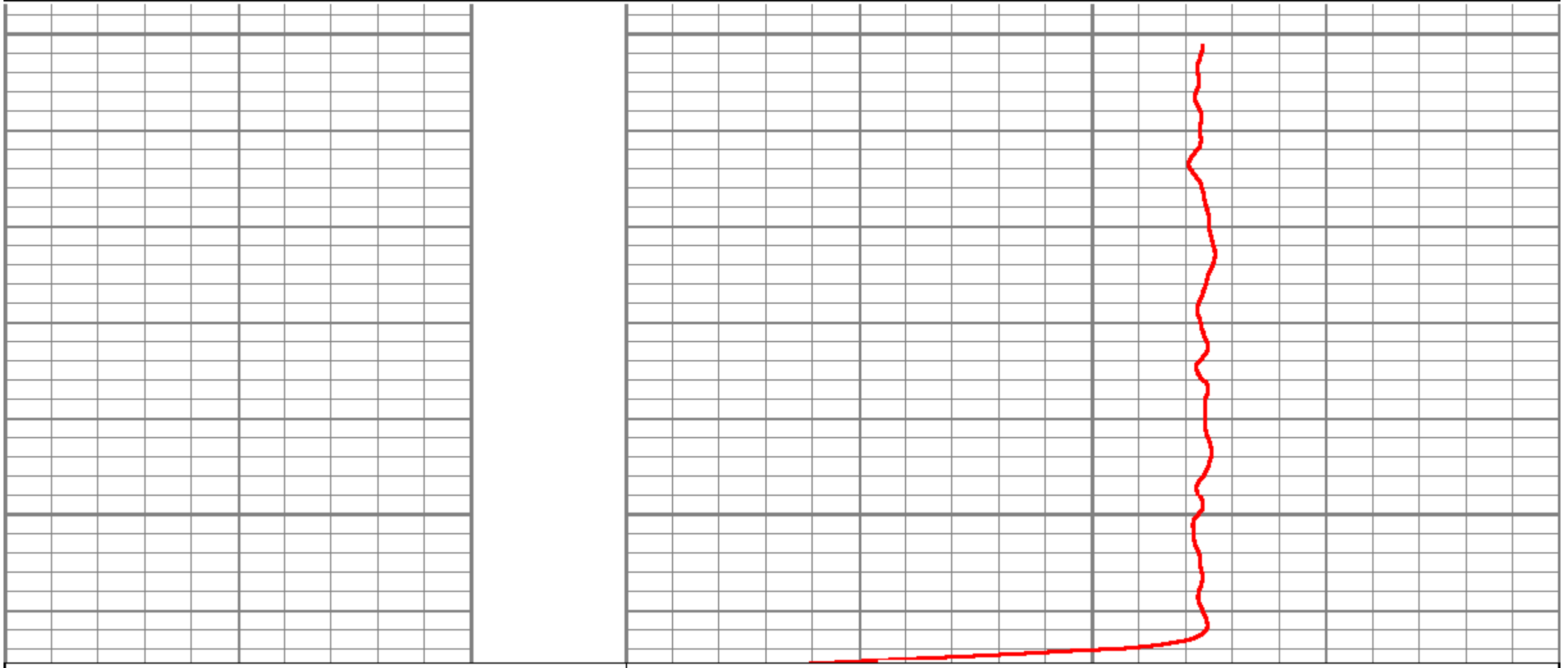
0 FLOW_DYNAMIC (cps) 50

0 FLOW_DYNAMIC (cps) 50

STATION @1950'

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMST1950
Presentation Format:	flow_sta
Dataset Creation:	Thu Dec 22 12:02:56 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 FLOW_DYNAMIC (cps) 50

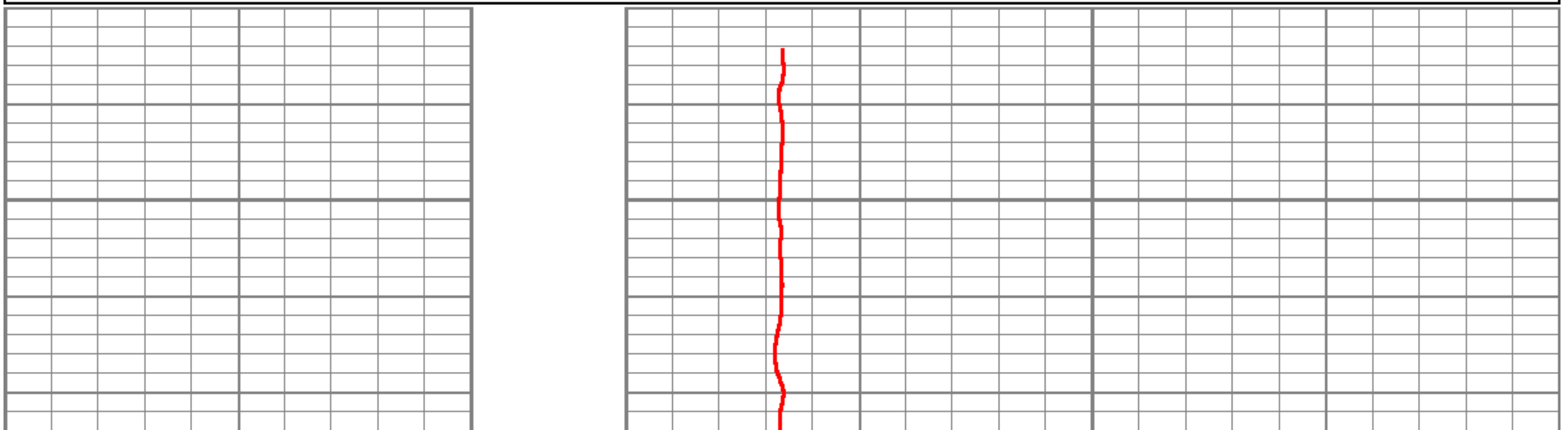


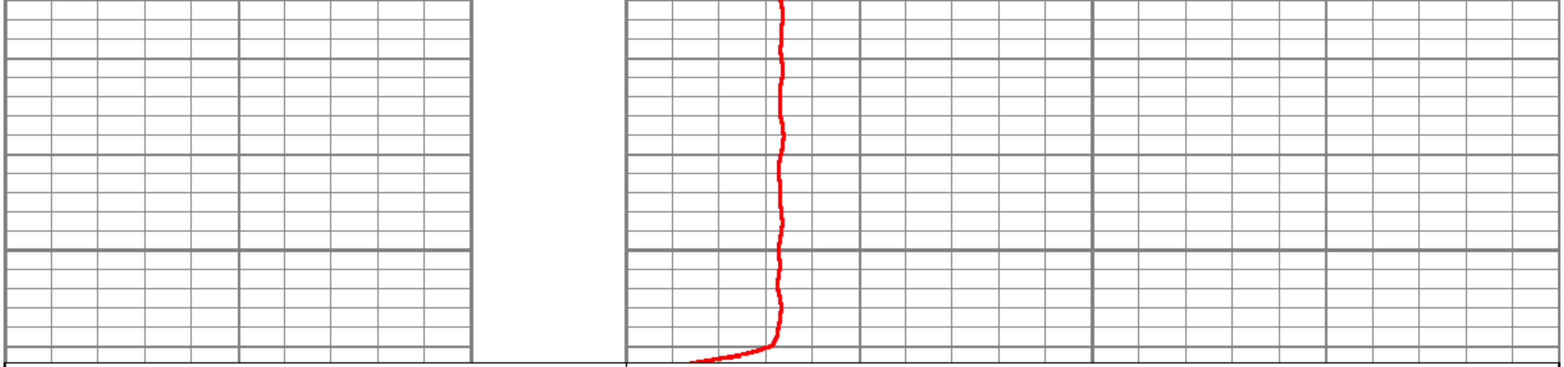
0 FLOW_DYNAMIC (cps) 50

STATION @1650'

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMST1650
Presentation Format:	flow_sta
Dataset Creation:	Thu Dec 22 12:06:01 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 FLOW_DYNAMIC (cps) 400



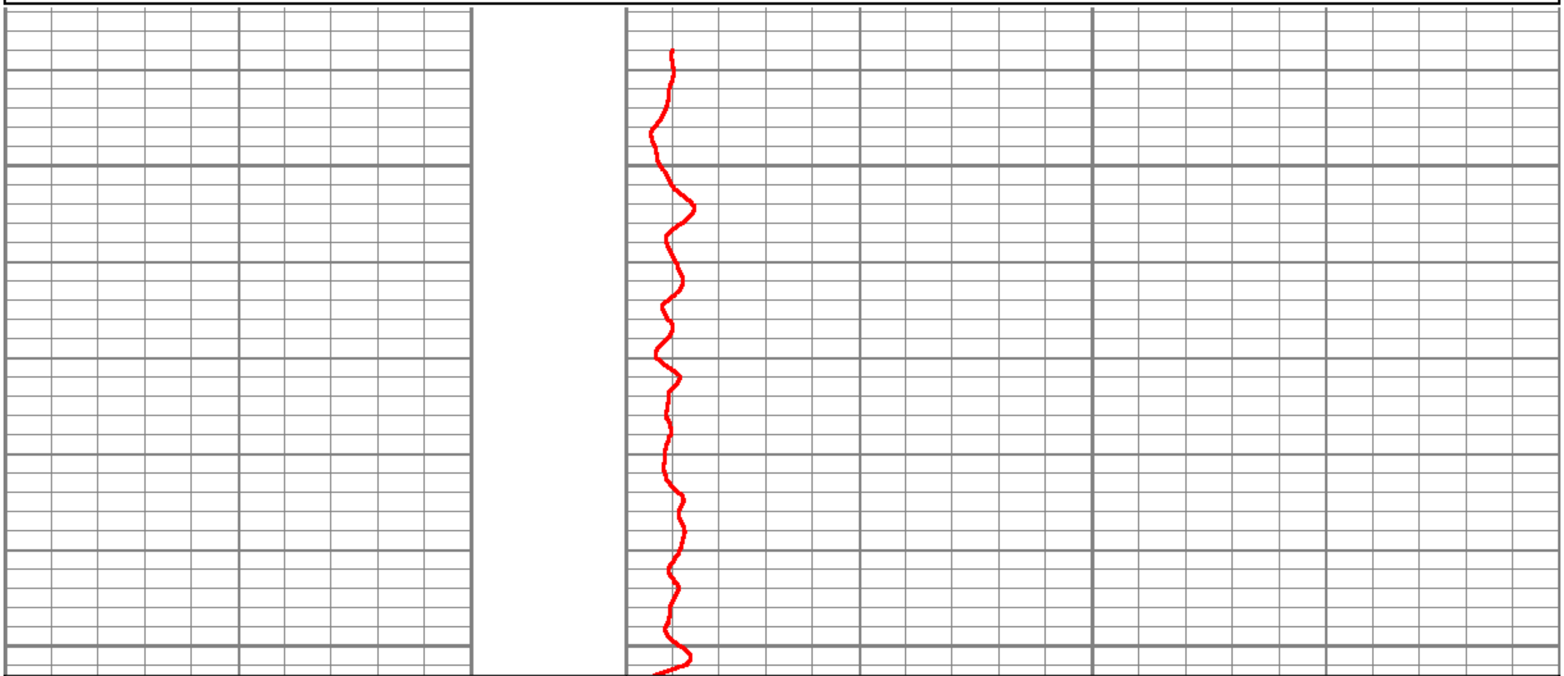


0 FLOW_DYNAMIC (cps) 400

STATION @1630'

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMST1630
Presentation Format:	flow_sta
Dataset Creation:	Thu Dec 22 12:08:11 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

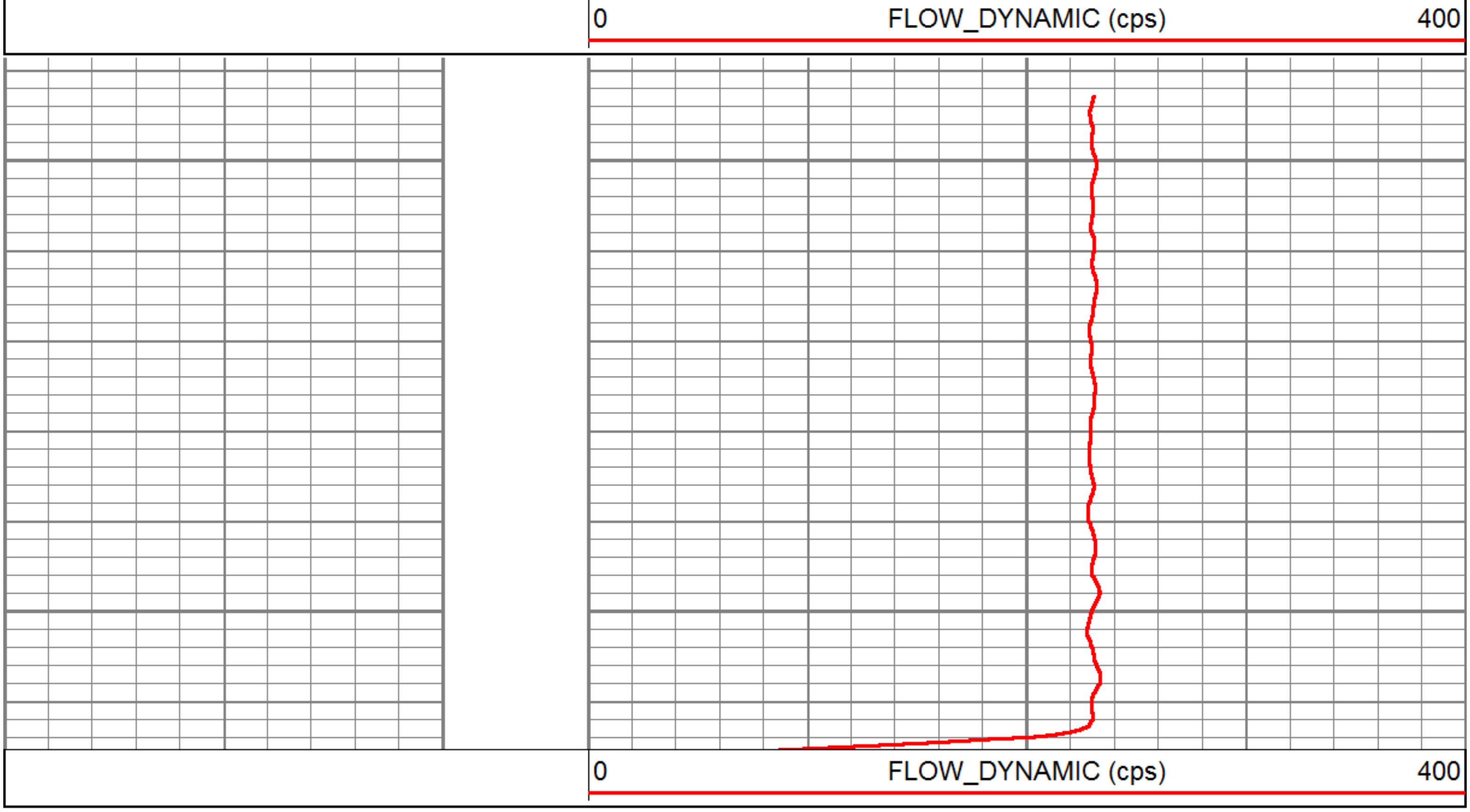
0 FLOW_DYNAMIC (cps) 400



0 FLOW_DYNAMIC (cps) 400

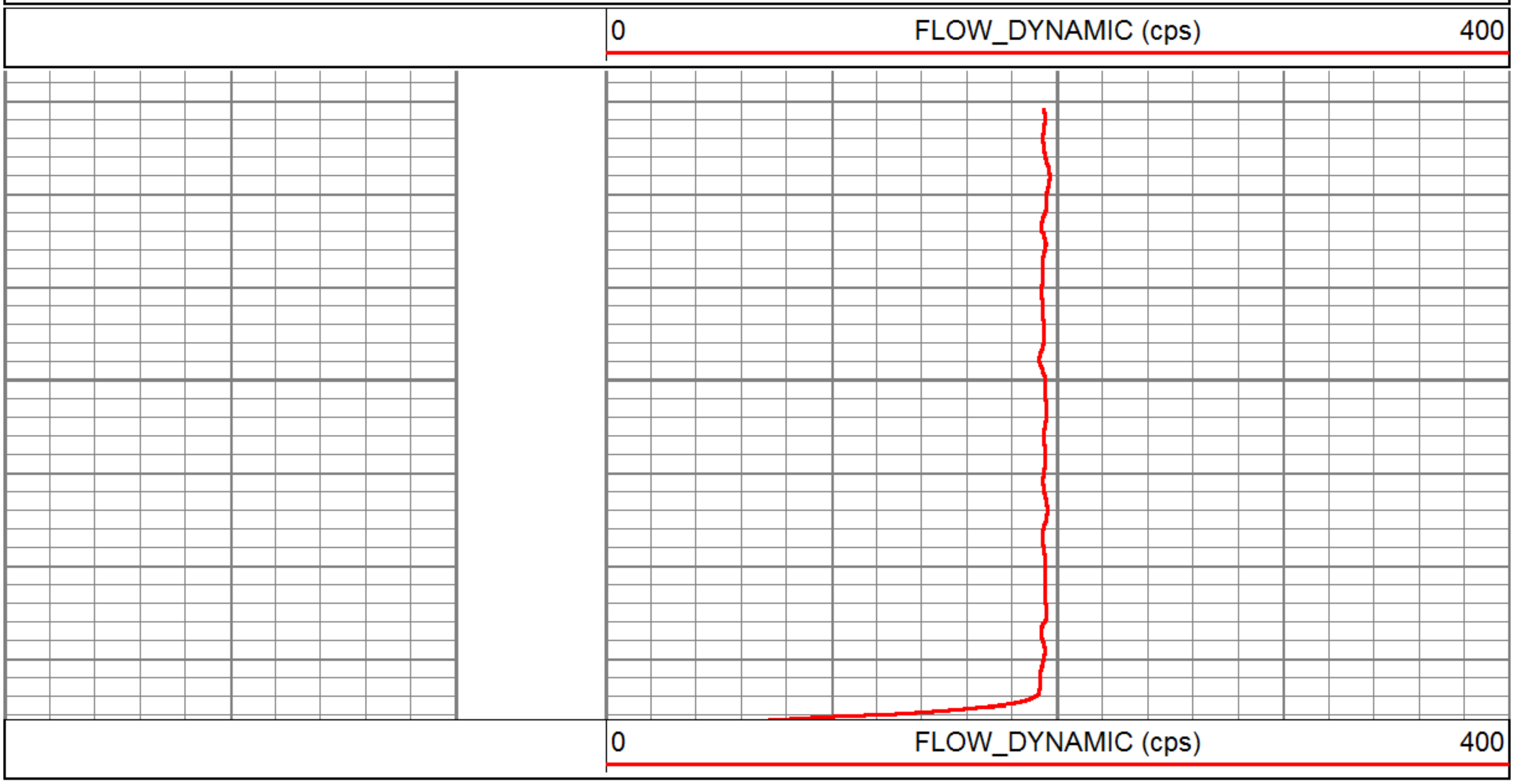
STATION @1560'

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMST1560
Presentation Format:	flow_sta
Dataset Creation:	Thu Dec 22 12:10:57 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240



STATION @1400'

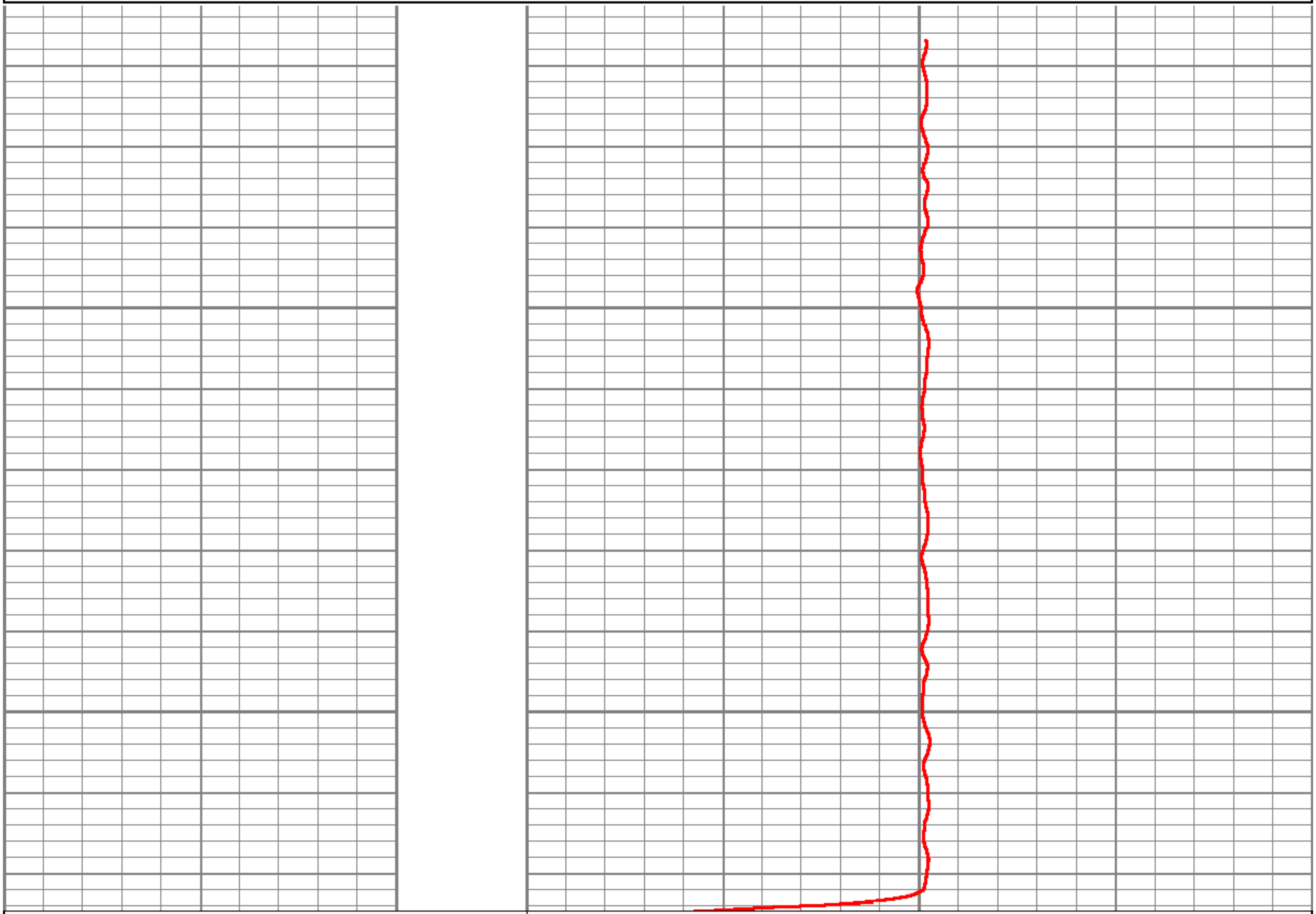
Database File: kisspof28_2.db
Dataset Pathname: run8/FMST1400
Presentation Format: flow_sta
Dataset Creation: Thu Dec 22 12:13:31 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240



STATION @1300'

Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMST1300
Presentation Format:	flow_sta
Dataset Creation:	Thu Dec 22 12:15:45 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 FLOW_DYNAMIC (cps) 400



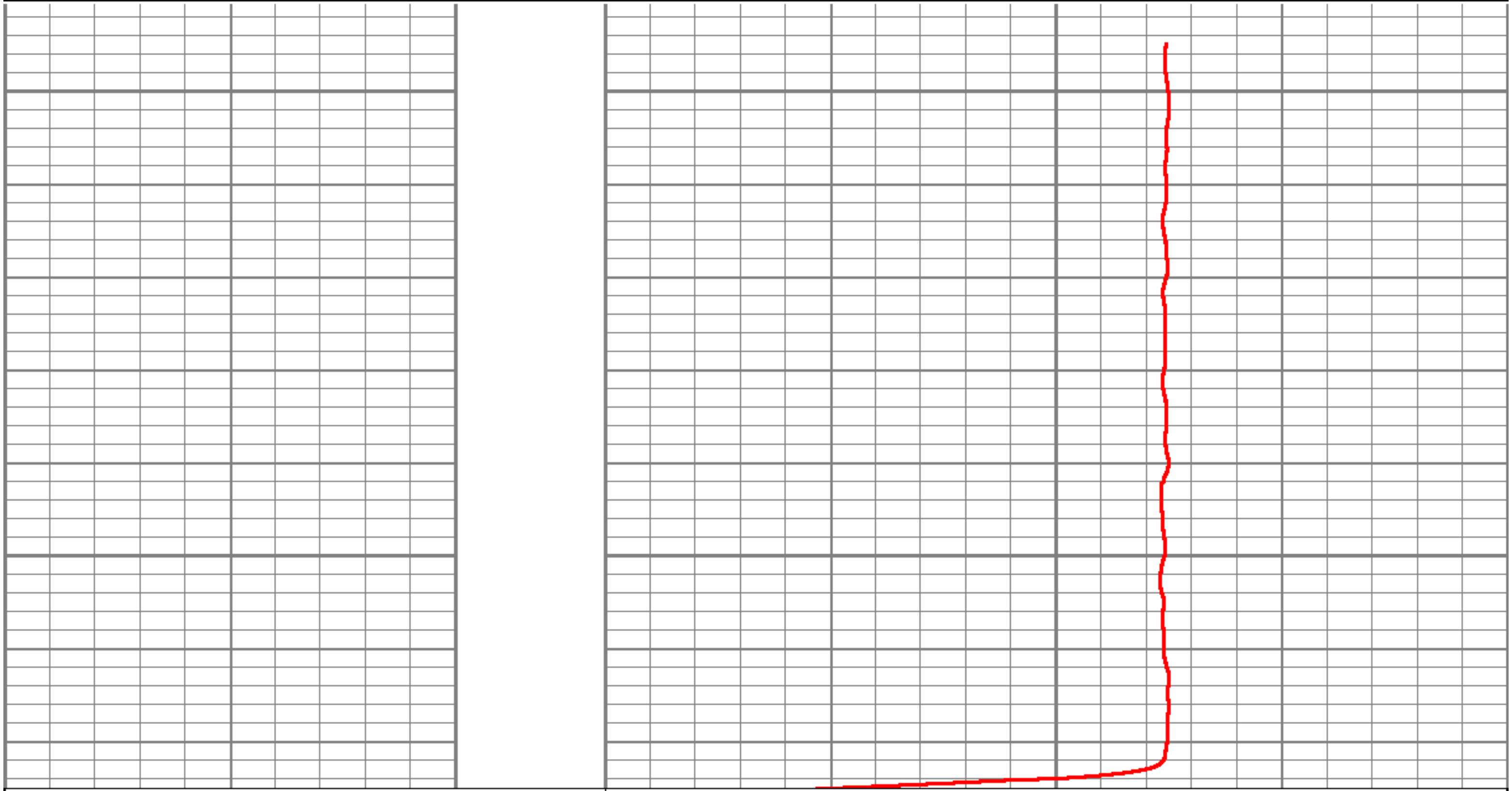
0 FLOW_DYNAMIC (cps) 400

STATION @1250'

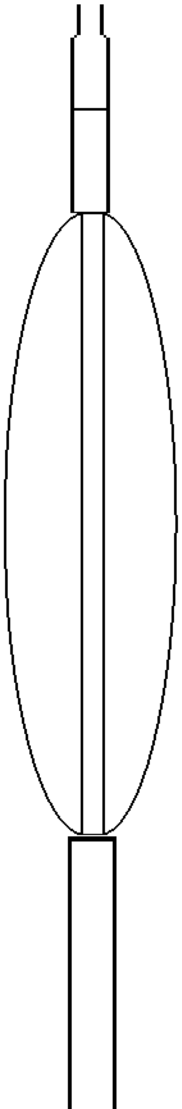
Database File:	kisspof28_2.db
Dataset Pathname:	run8/FMST1250
Presentation Format:	flow_sta
Dataset Creation:	Thu Dec 22 12:18:45 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 FLOW_DYNAMIC (cps) 400

0 FLOW_DYNAMIC (cps) 400



0 FLOW_DYNAMIC (cps) 400

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CBLINLINE	3.00	1.50	10.00

FLOWP FLOWN	0.25 0.25		FLOWMETER-TITAN (TITAN_3") TITIN_3'	3.00	1.69	25.00

Dataset:	kisspof28_2.db: field/well/run8/FMST1250
Total Length:	7.00 ft
Total Weight:	40.00 lb
O.D.	1.69 in

X-Y CALIPER GAMMA RAY LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #28
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #28
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	21-DEC-2011		
Run Number	EIGHT		
Depth Driller	2705'		
Depth Logger	2730'		
Bottom Logged Interval	2730'		
Top Log Interval	CASING		
Open Hole Size	10.625"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	90.1 DEFG		
Estimated Cement Top	SURFACE		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-203		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	8.00"	SURFACE	350'	FIVE	23.00"	CASING	750'
TWO	28.00"	CASING	290'	SIX	12.25"	CASING	1305'
THREE	10.625"	CASING	530'	SEVEN	17.00"	CASING	1300'
FOUR	10.625"	530'	750'	EIGHT	10.625"	CASING	2705'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	52'
Prot. String	24"	.375 W.T	SURFACE	270'
Production String	18"	.375 W.T	SURFACE	750'
Liner	12"	.375 W.T	SURFACE	1297'

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

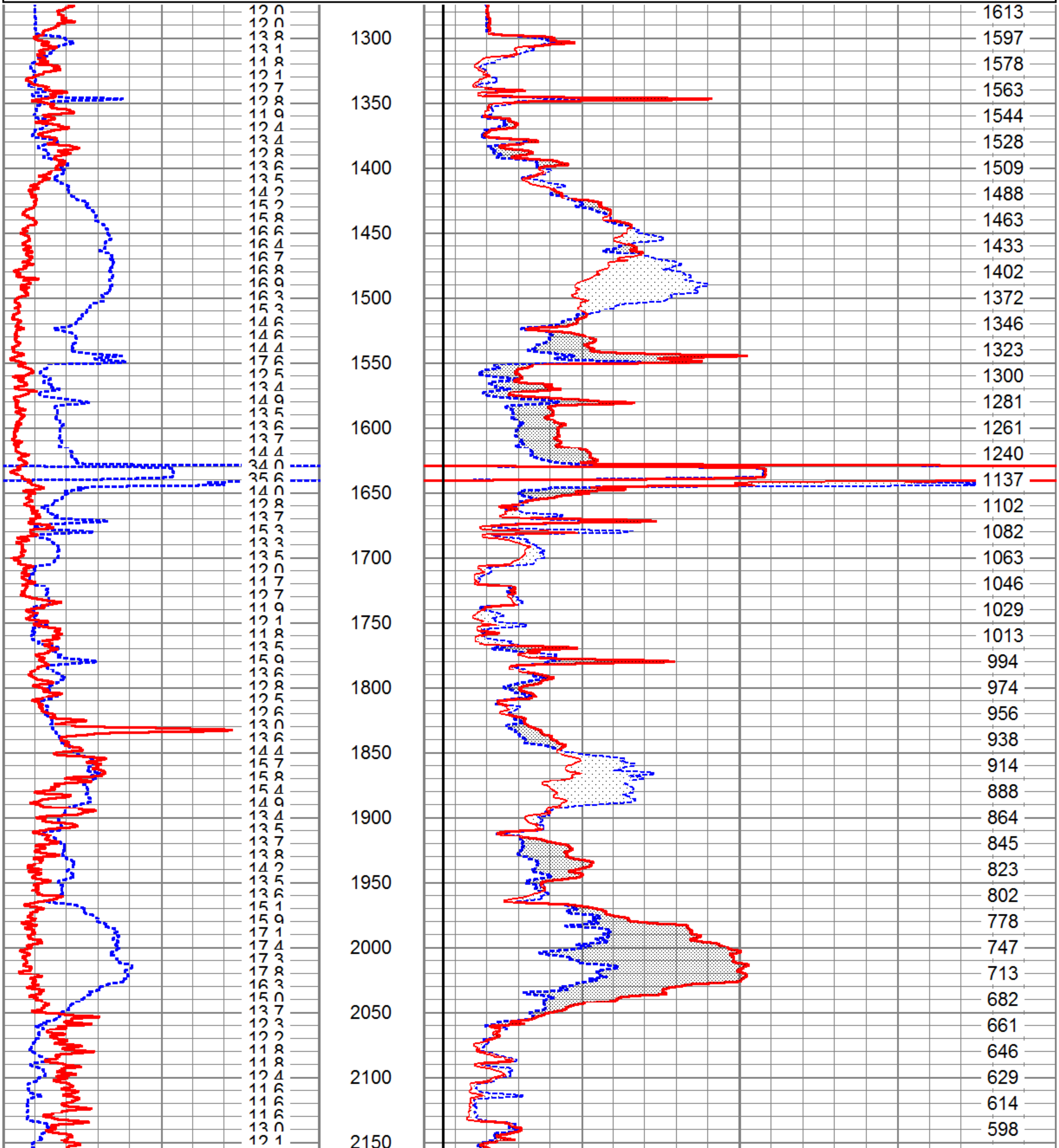
DIL/LL3/SP
BHC/SONIC/VDL
FLOWMETER
FCT
DHTVS

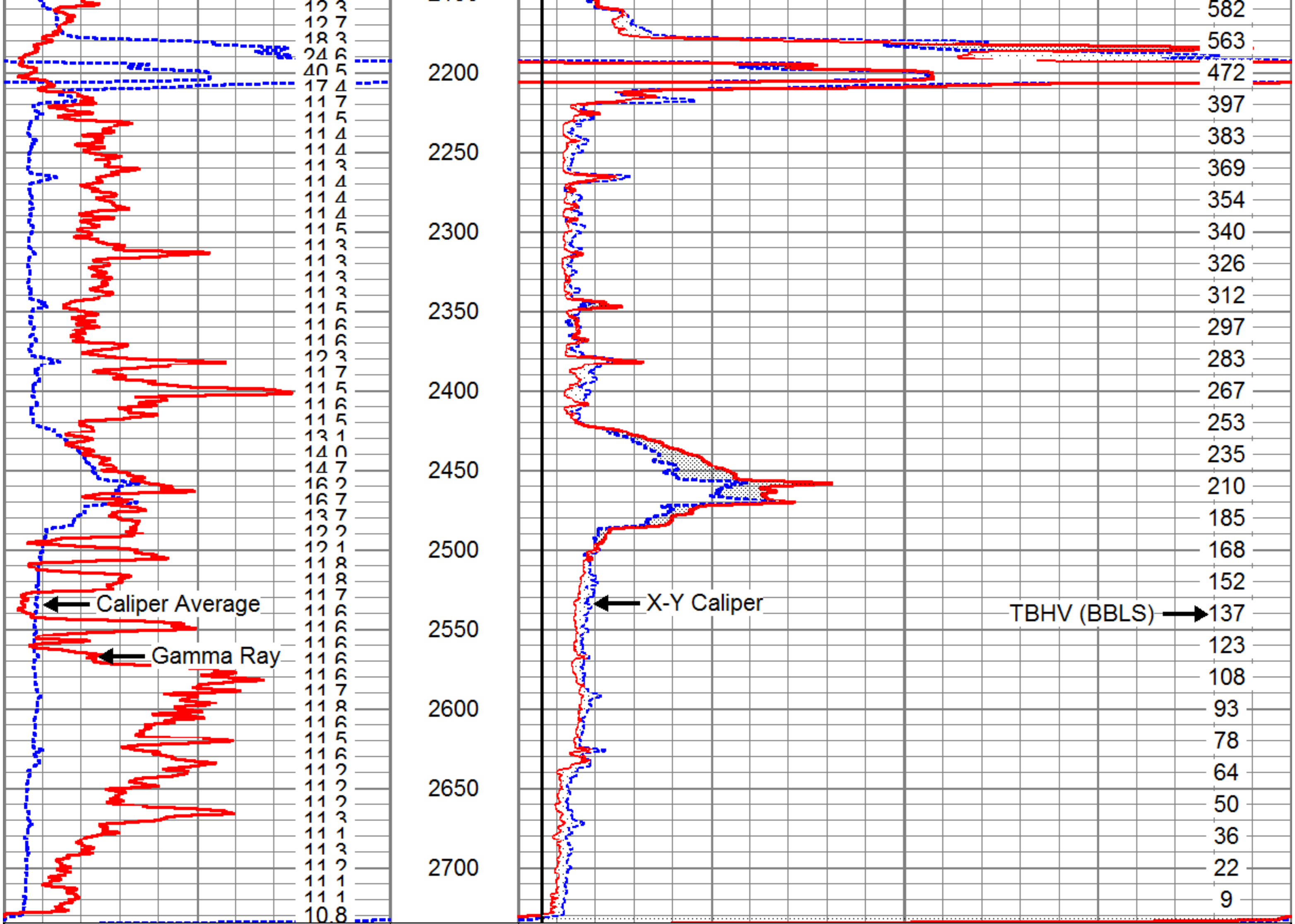
MAIN PASS

ENTERPRISES, INC.

Database File:	kisspof28_2.db
Dataset Pathname:	run8/XYCMPFIN
Presentation Format:	xyc
Dataset Creation:	Wed Dec 21 13:16:17 2011
Charted by:	Depth in Feet scaled 1:1200

10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
	CALA (in)		10	Borehole ID (in)	30
				TBHV (ft3)	





10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

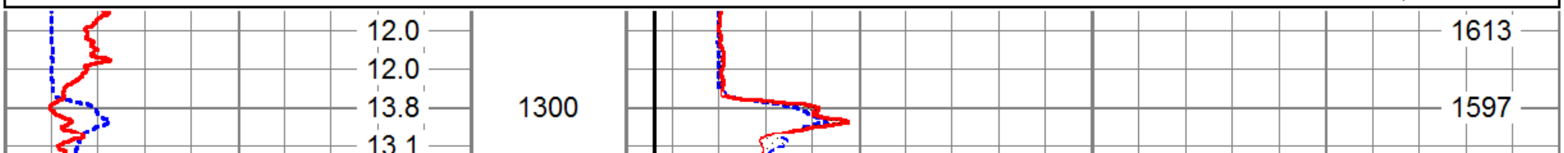
10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
		TBHV (ft3)

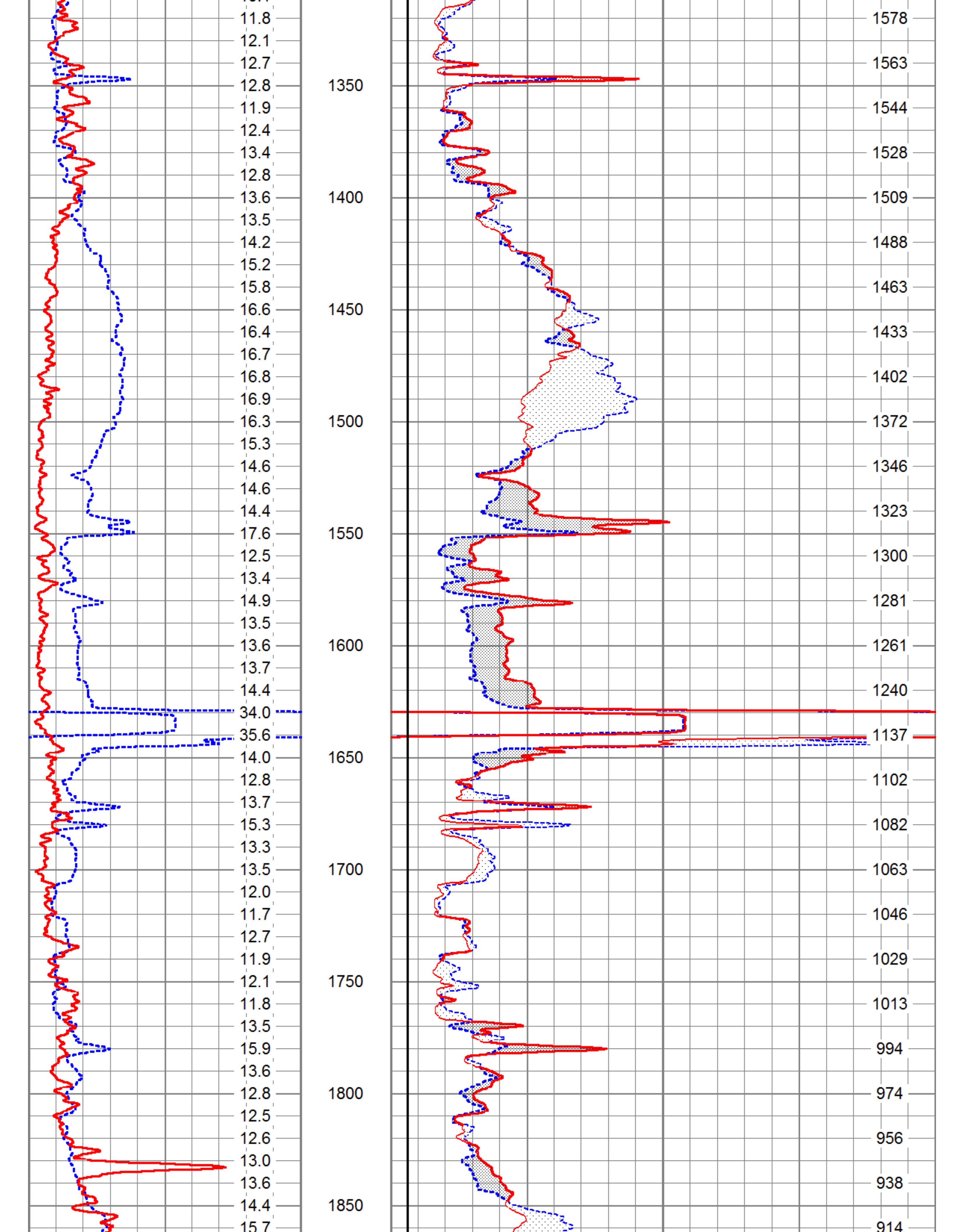
MAIN PASS

Database File: kisspof28_2.db
Dataset Pathname: run8/XYCMPFIN
Presentation Format: xyc
Dataset Creation: Wed Dec 21 13:16:17 2011
Charted by: Depth in Feet scaled 1:600

10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
		TBHV (ft3)





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12.1
12.7
12.8
11.9
12.4
13.4
12.8
13.6
13.5
14.2
15.2
15.8
16.6
16.4
16.7
16.8
16.9
16.3
15.3
14.6
14.6
14.4
17.6
12.5
13.4
14.9
13.5
13.6
13.7
14.4
34.0
35.6
14.0
12.8
13.7
15.3
13.3
13.5
12.0
11.7
12.7
11.9
12.1
11.8
13.5
15.9
13.6
12.8
12.5
12.6
13.0
13.6
14.4
15.7
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1578
1563
1544
1528
1509
1488
1463
1433
1402
1372
1346
1323
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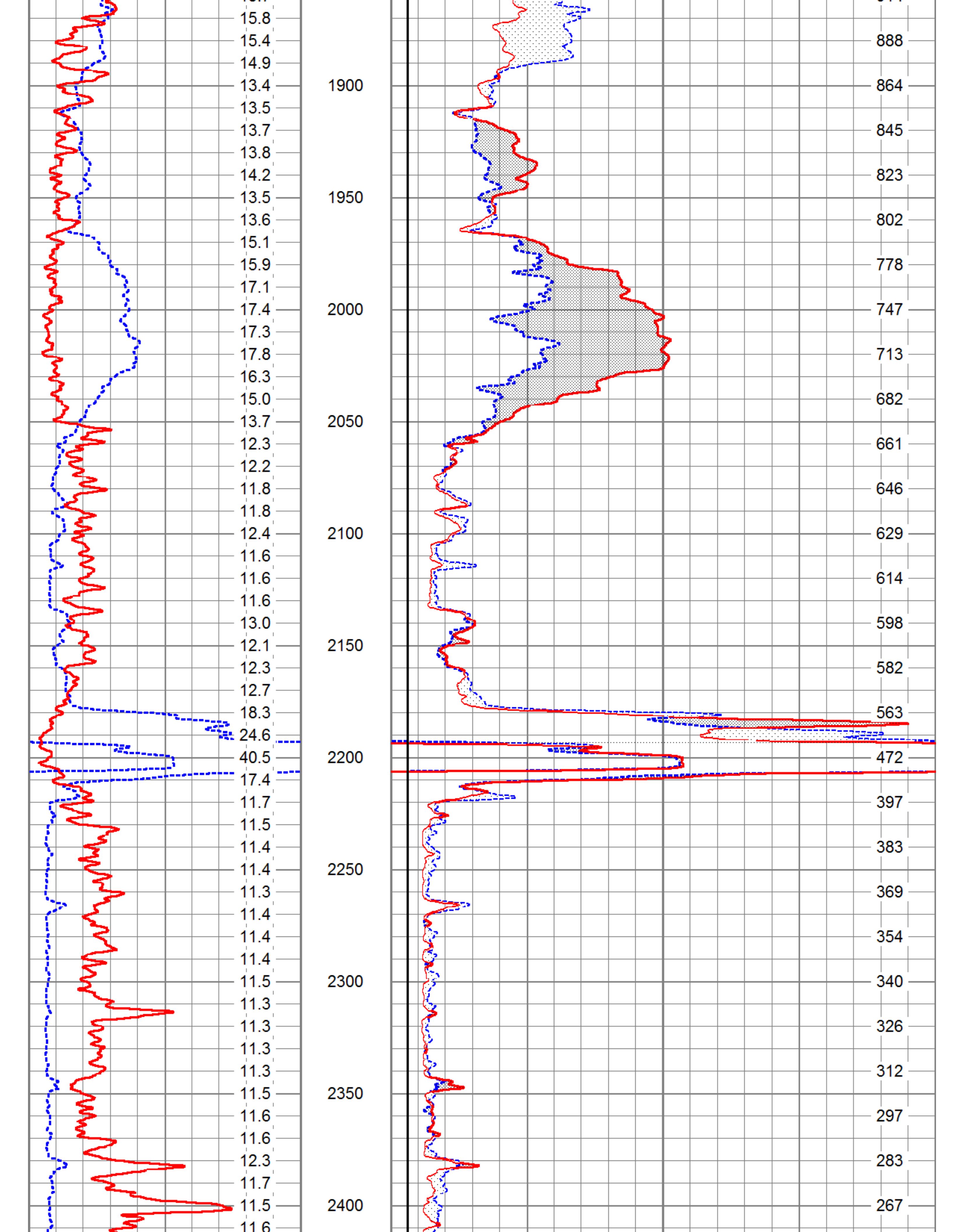
914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14.2
13.5
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15.1
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17.1
17.4
17.3
17.8
16.3
15.0
13.7
12.3
12.2
11.8
11.8
12.4
11.6
11.6
11.6
13.0
12.1
12.3
12.7
18.3
24.6
40.5
17.4
11.7
11.5
11.4
11.4
11.3
11.4
11.4
11.4
11.5
11.3
11.3
11.3
11.3
11.5
11.6
11.6
12.3
11.7
11.5
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
2400
888
864
845
823
802
778
747
713
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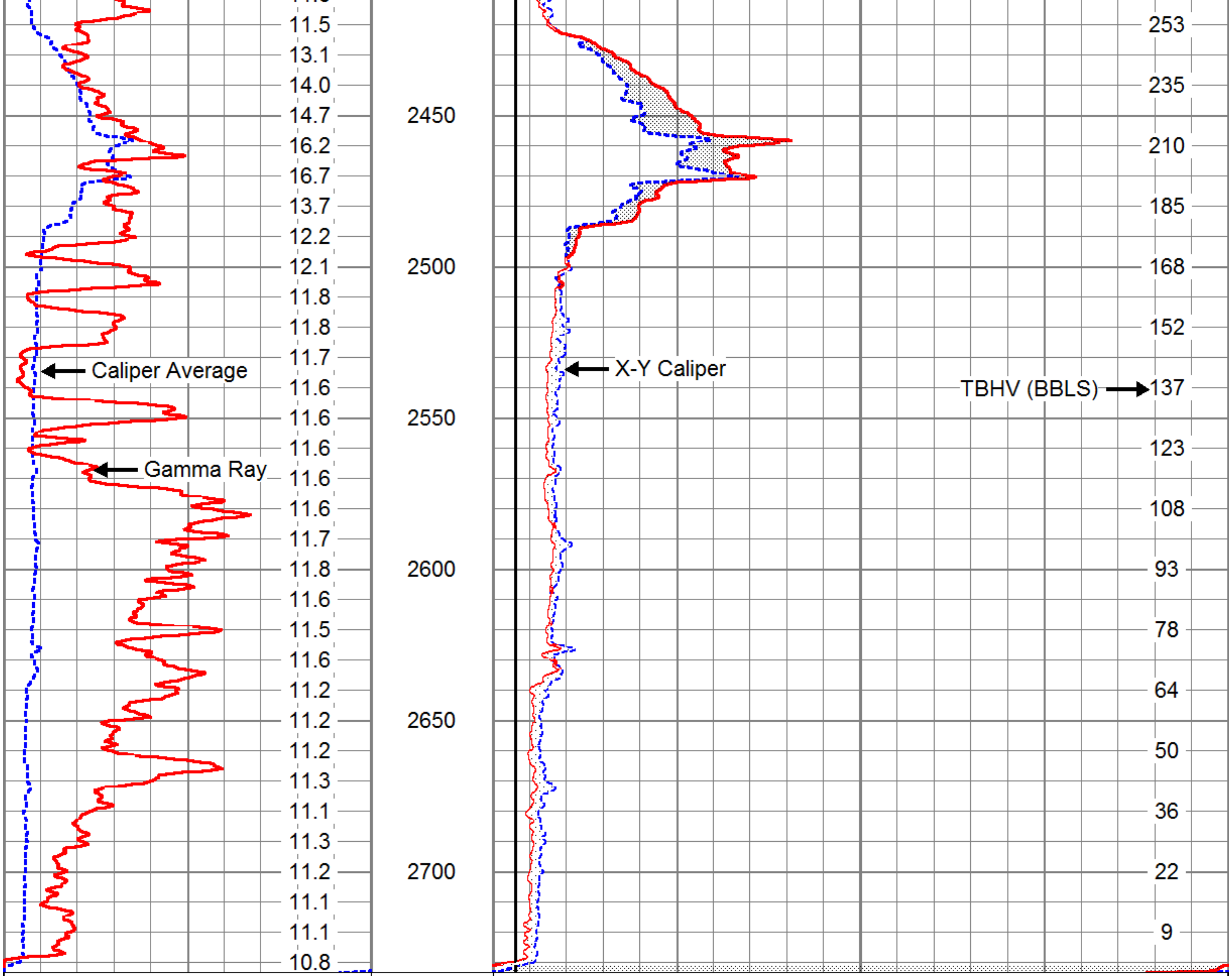
326
312
297
283
267



10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
		CALA (in)

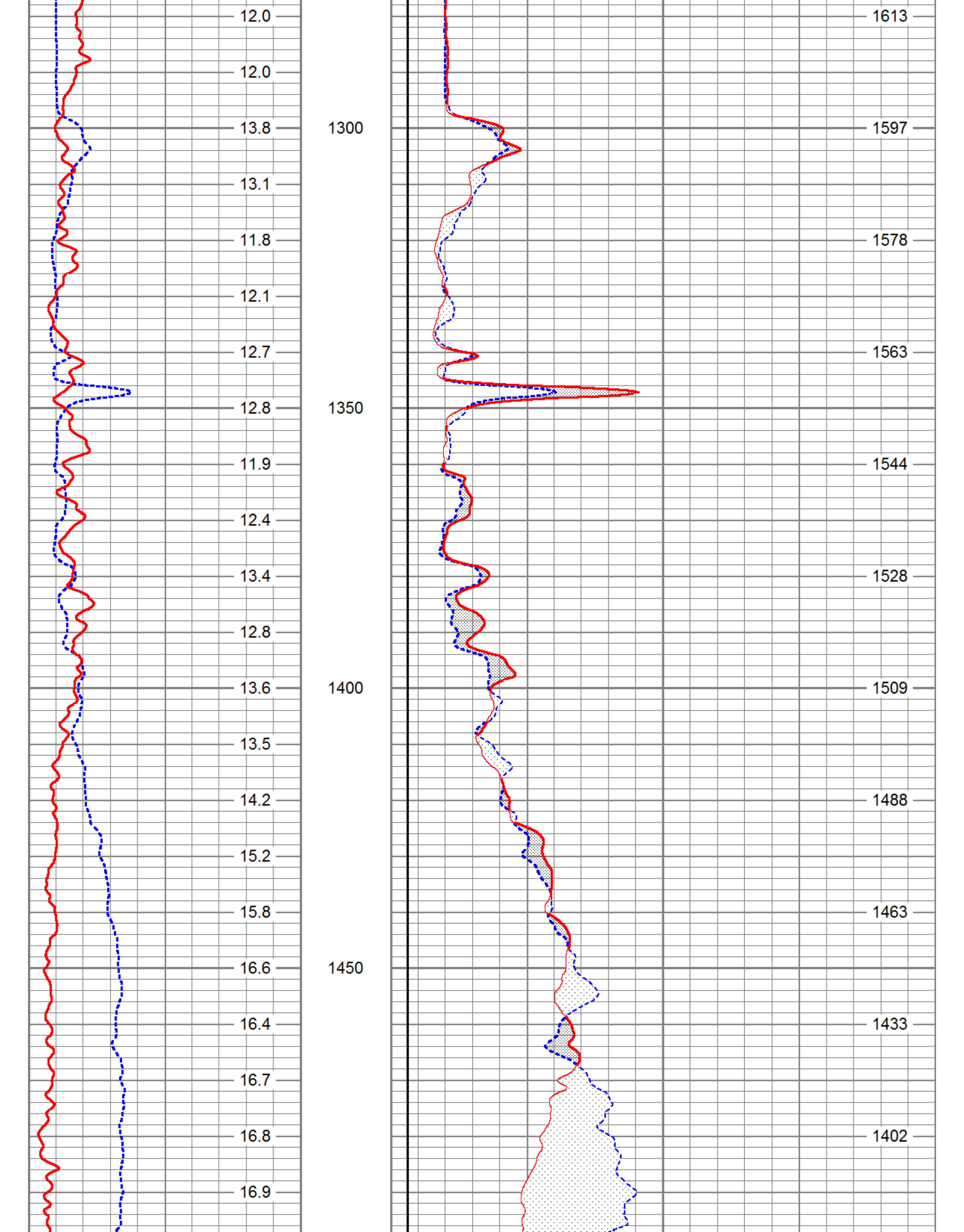
10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
		TBHV (ft3)

MAIN PASS

Database File:	kisspof28_2.db
Dataset Pathname:	run8/XYCMPFIN
Presentation Format:	xyc
Dataset Creation:	Wed Dec 21 13:16:17 2011
Charted by:	Depth in Feet scaled 1:240

10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
		CALA (in)

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
		TBHV (ft3)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12.0
13.8
13.1
11.8
12.1
12.7
12.8
11.9
12.4
13.4
12.8
13.6
13.5
14.2
15.2
15.8
16.6
16.4
16.7
16.8
16.9
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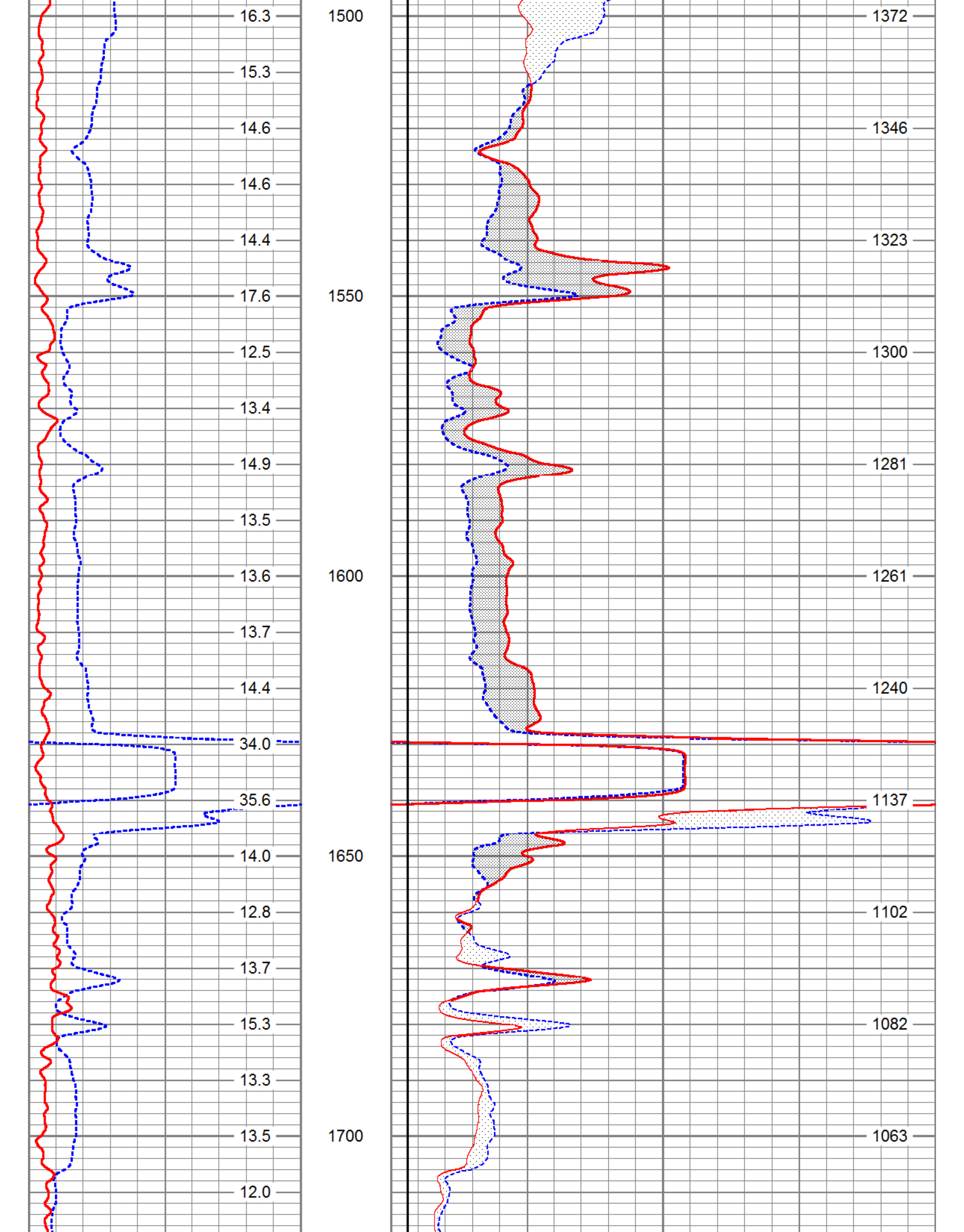
1488
1463
1433
1402


16.3
1500
1372
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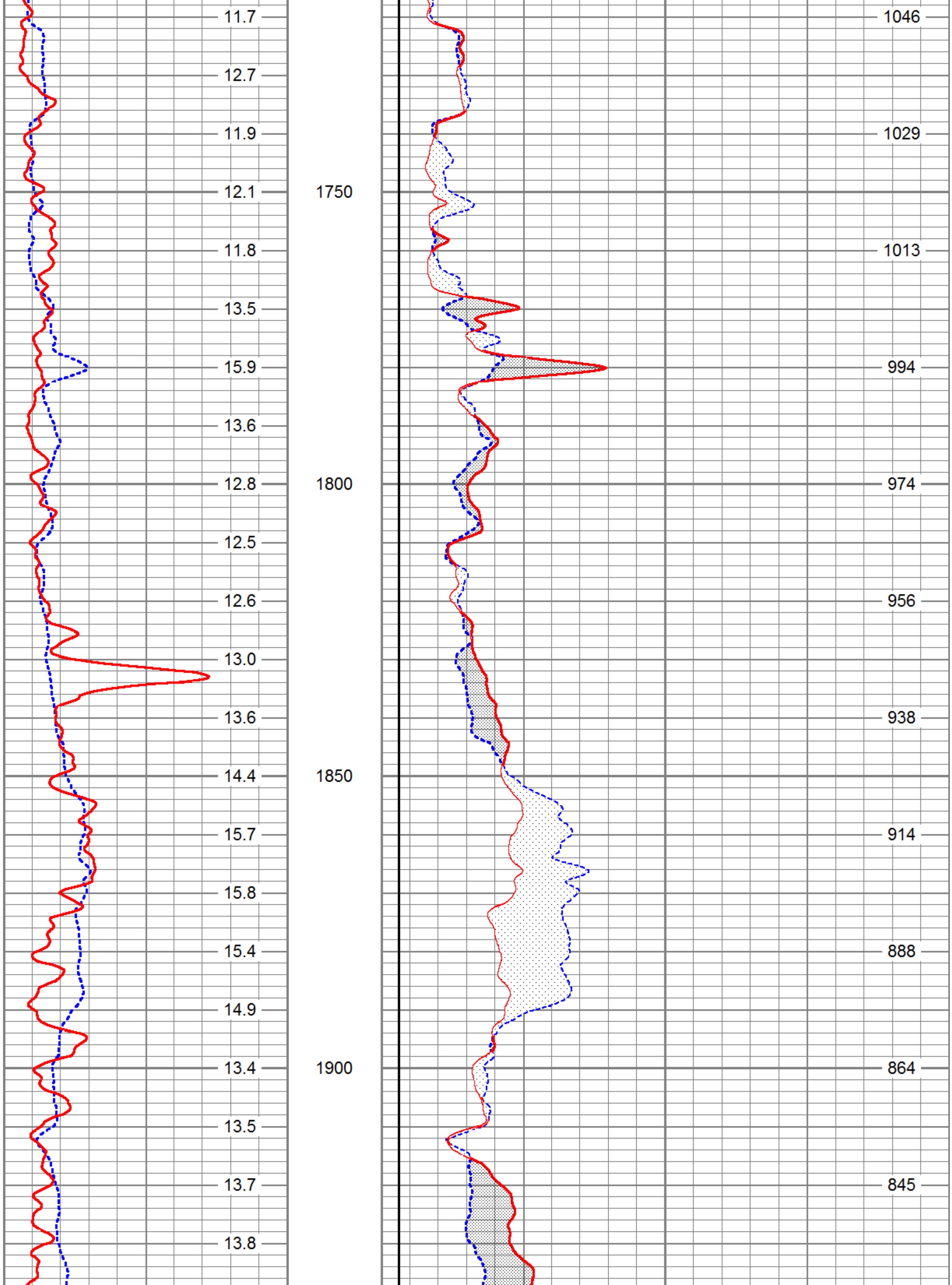
14.6
14.4
1323
17.6
1550
12.5
1300
13.4
14.9
1281
13.5
13.6
1600
1261
13.7
14.4
1240
34.0
35.6
1137
14.0
1650
12.8
1102
13.7
15.3
1082
13.3
13.5
1700
1063
12.0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12.7
11.9
12.1
11.8
13.5
15.9
13.6
12.8
12.5
12.6
13.0
13.6
14.4
15.7
15.8
15.4
14.9
13.4
13.5
13.7
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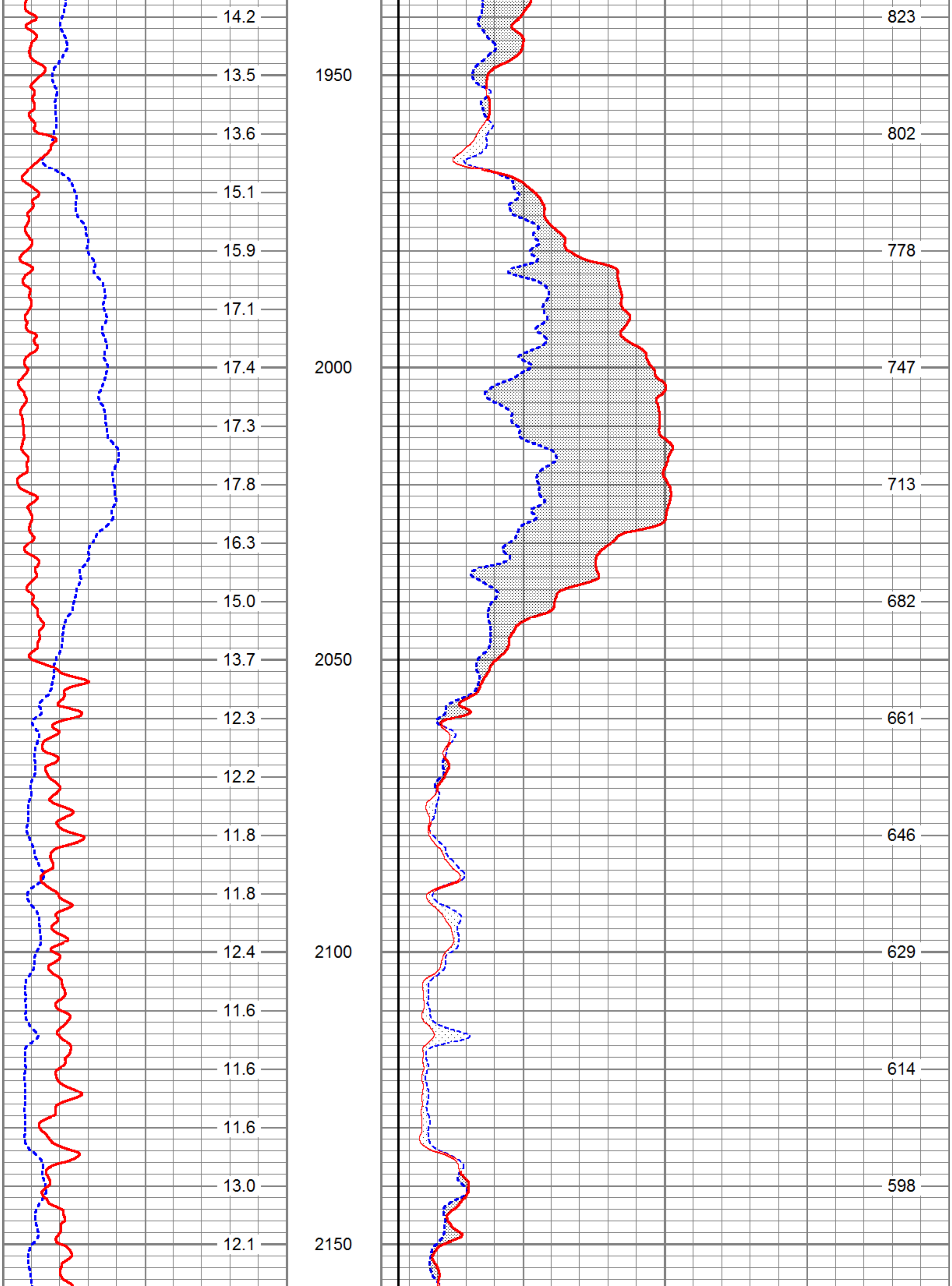
914
888
864
845


14.2
13.5
1950
13.6
15.1
15.9
17.1
17.4
2000
17.3
17.8
16.3
15.0
13.7
2050
12.3
12.2
11.8
11.8
12.4
2100
11.6
11.6
11.6
13.0
12.1
2150
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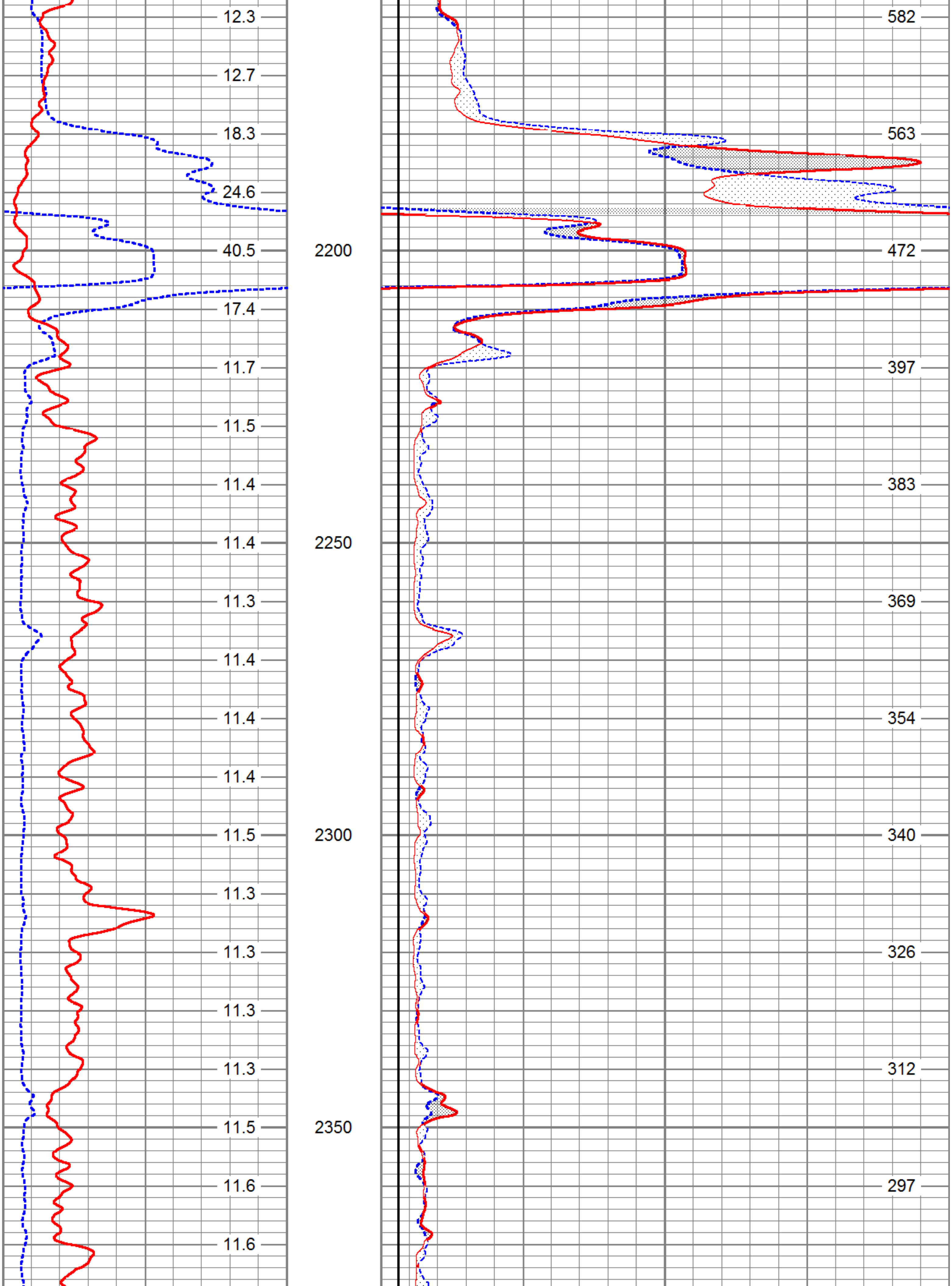
661
646
629
614
598


12.3
12.7
18.3
24.6
40.5
17.4
11.7
11.5
11.4
11.4
11.3
11.4
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11.4
11.5
11.3
11.3
11.3
11.3
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11.6
11.6
2200
2250
2300
2350
582
563
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397
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340
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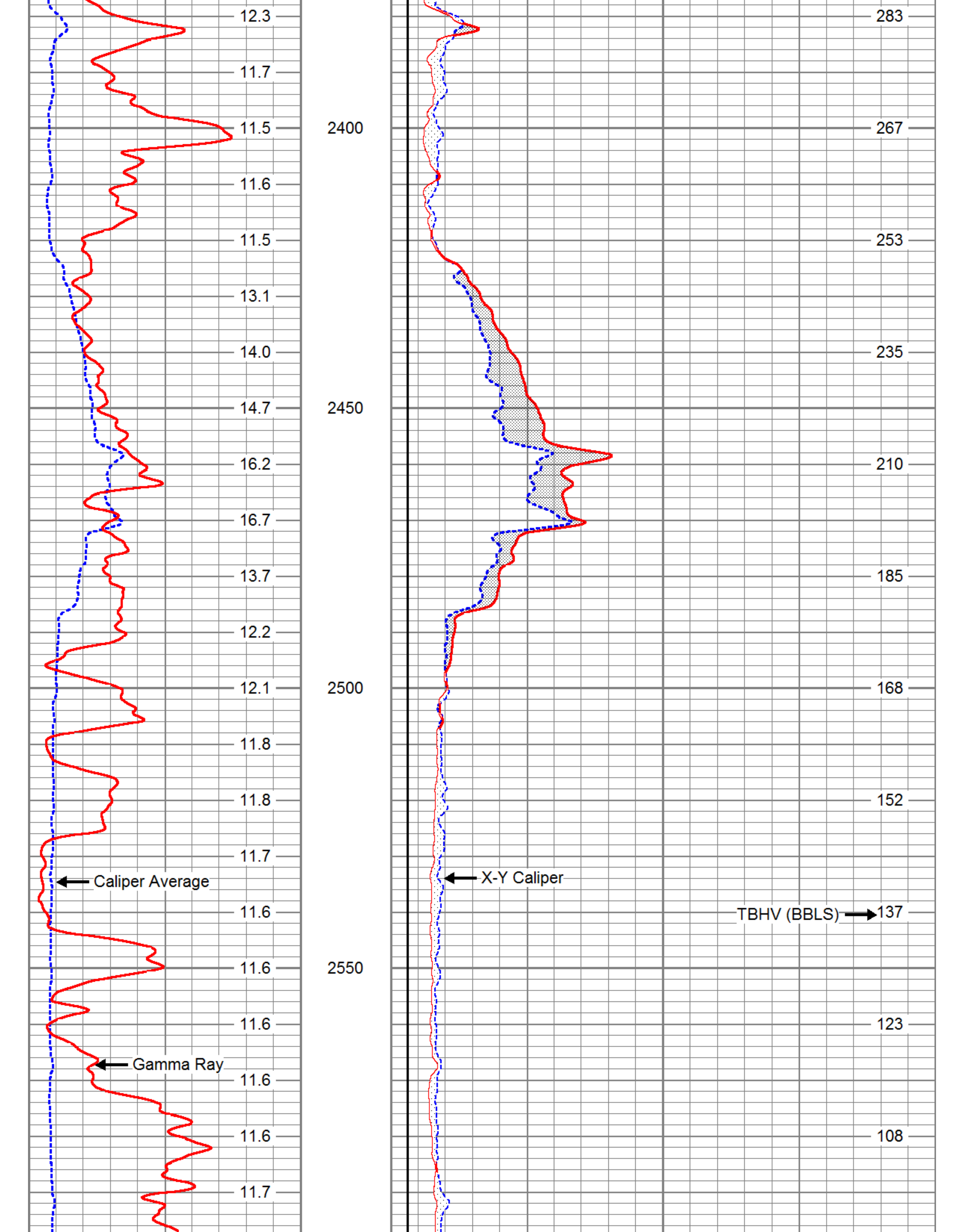
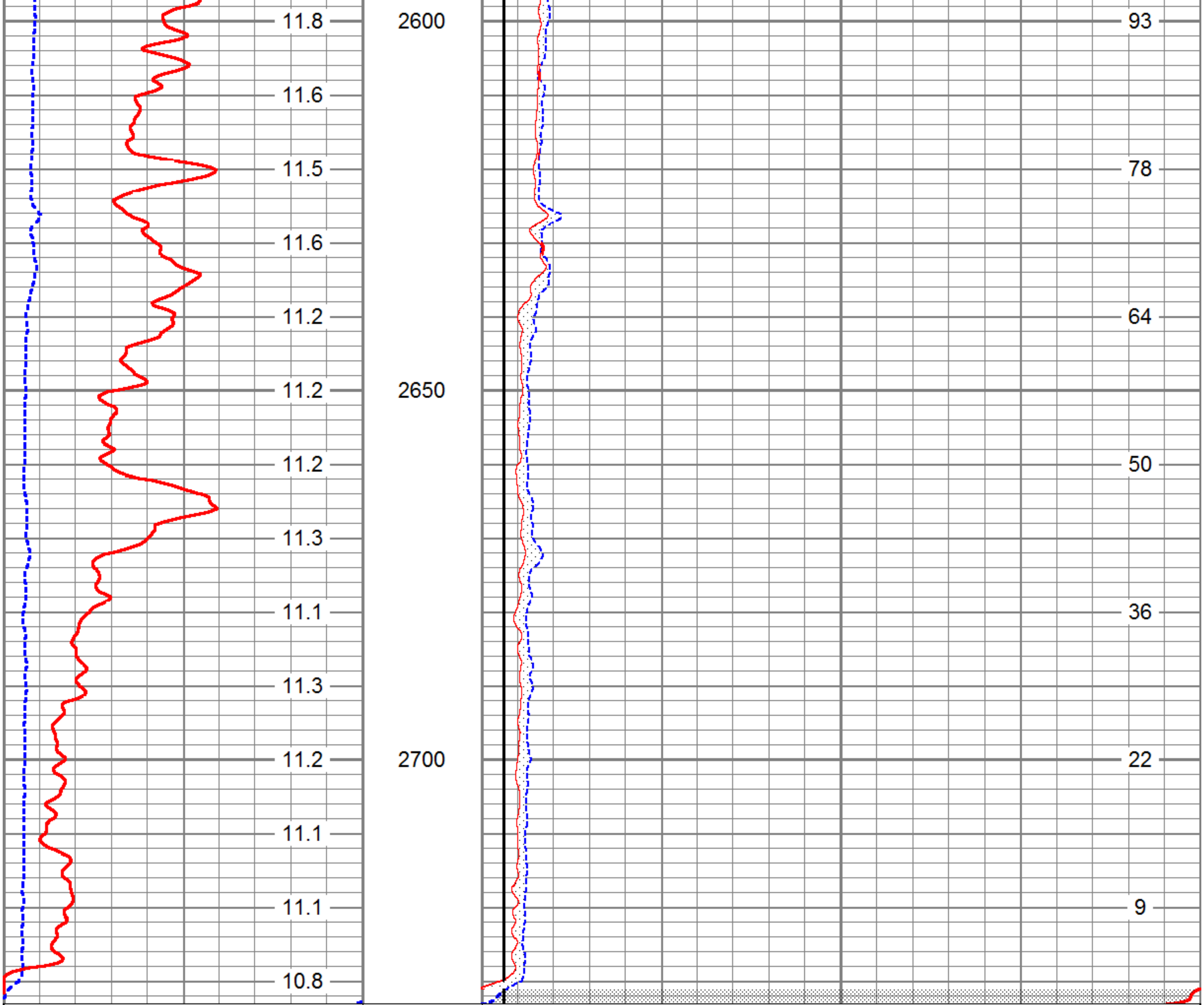
312
297



12.3
11.7
11.5
11.6
11.5
13.1
14.0
14.7
16.2
16.7
13.7
12.2
12.1
11.8
11.8
11.7
11.6
11.6
11.6
11.6
11.6
11.7
Caliper Average
Gamma Ray
2400
2450
2500
2550
X-Y Caliper
283
267
253
235
210
185
168
152
137
123
108
TBHV (BBLS)

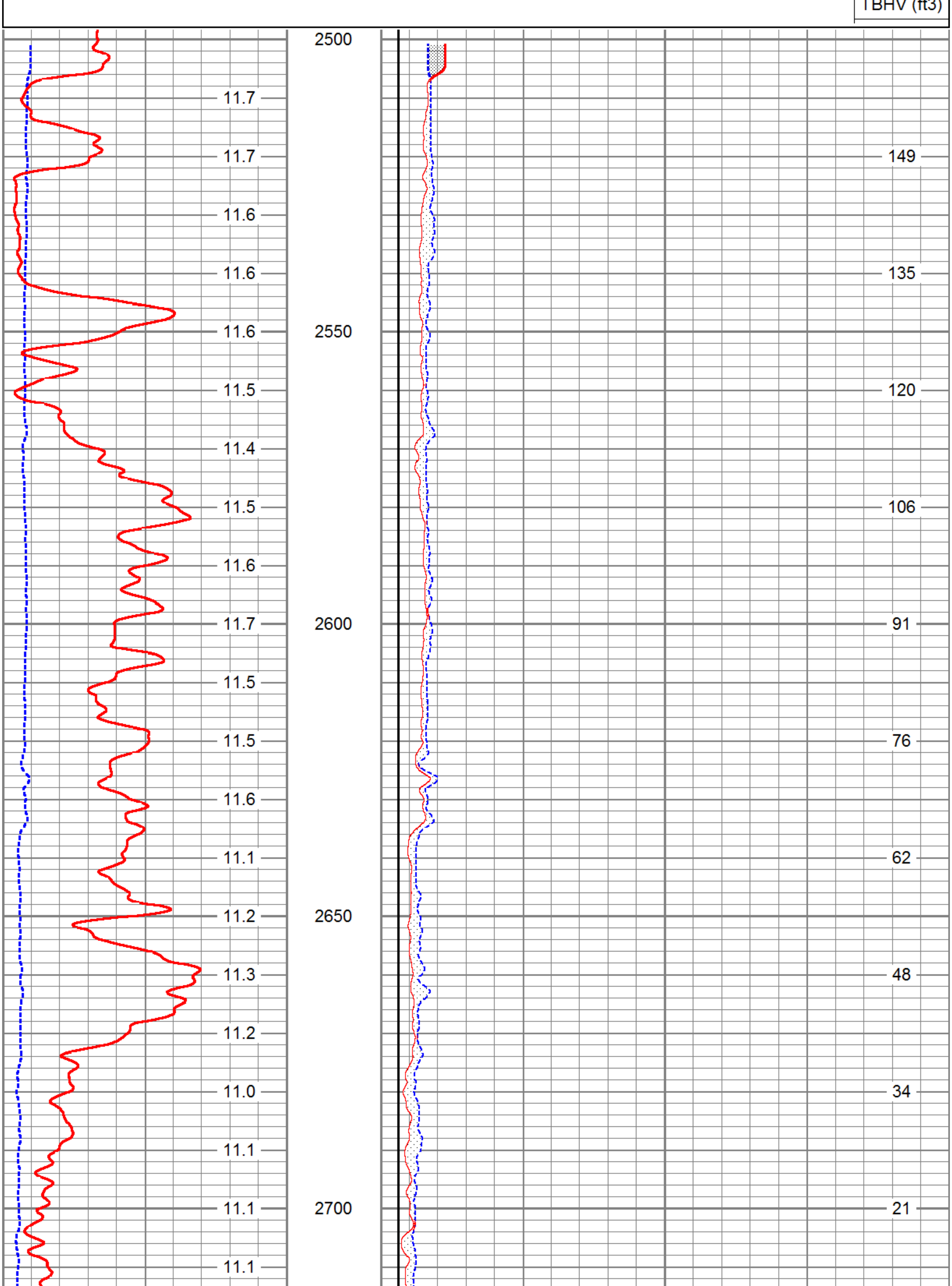


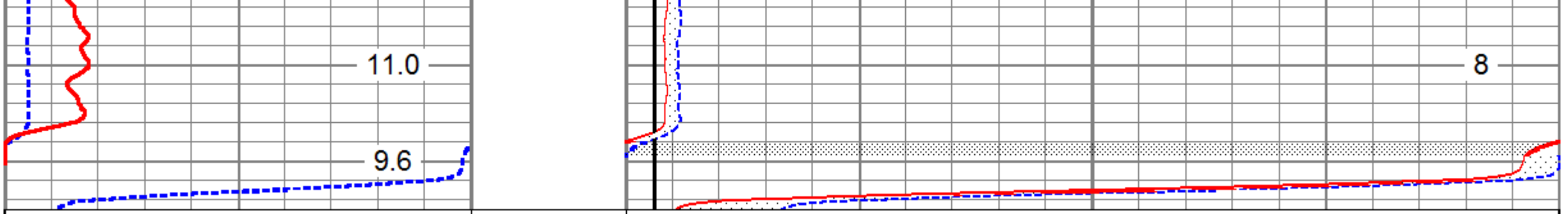
10 Caliper Average (in) 30	10 Y-Caliper (in) 30
0 Gamma Ray (GAPI) 100	10 X-Caliper (in) 30
CALA (in)	10 Borehole ID (in) 30
	TBHV (ft3)

REPEAT PASS

Database File: kisspof28_2.db
Dataset Pathname: run8/XYCRPFIN
Presentation Format: xyc
Dataset Creation: Wed Dec 21 13:16:30 2011
Charted by: Depth in Feet scaled 1:240

10 Caliper Average (in) 30	10 Y-Caliper (in) 30
0 Gamma Ray (GAPI) 100	10 X-Caliper (in) 30
CALA (in)	10 Borehole ID (in) 30


TBHV (ft3)
2500
11.7
11.7
149
11.6
11.6
135
2550
11.6
11.5
120
11.4
11.5
106
11.6
2600
11.7
91
11.5
11.5
76
11.6
11.1
62
2650
11.2
11.3
48
11.2
11.0
34
11.1
2700
11.1
21
11.1



10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
		CALA (in)	10	Borehole ID (in)	30
					TBHV (ft3)

Calibration Report

Database File: kisspof28_2.db
Dataset Pathname: run8/XYCRPFIN
Dataset Creation: Wed Dec 21 13:16:30 2011

XY Caliper Calibration Report

Serial Number/Model: SDSDEMO-XY
Performed: Tue Dec 13 22:56:23 2011

Ring			X Caliper		Y Caliper	
1:	10	in	395	cps	373.152	cps
2:	12	in	436.6	cps	417.6	cps
3:	20	in	539.243	cps	531.892	cps
4:	23.25	in	606	cps	585	cps
5:	30	in	709.565	cps	699.891	cps
6:	40	in	897.717	cps	901.522	cps

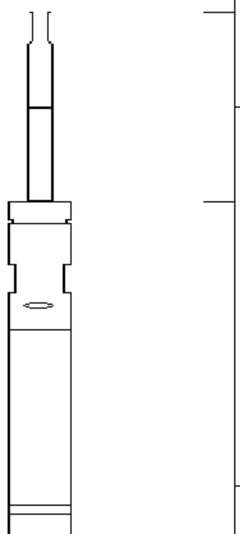
Gamma Ray Calibration Report

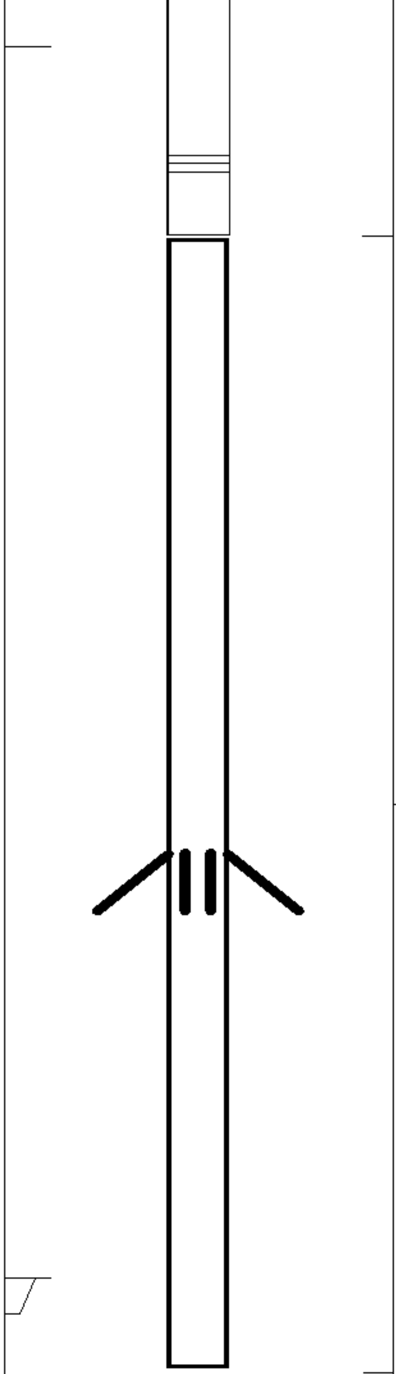
Serial Number: SDS
Tool Model: SDSGR
Performed: Tue Dec 13 22:56:30 2011

Calibrator Value: 120.0 GAPI

Background Reading: 117.8 cps
Calibrator Reading: 585.1 cps

Sensitivity: 0.2568 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			GR-SDSGR (SDS) GR for Testing	3.00	1.69	20.00



GR	7.00				
		XYC-XY (SDSDEMO) LGL_XYC_MM	6.00	3.50	100.00
XCAL	0.50				
YCAL	0.50				

Dataset: kisspof28_2.db: field/well/run8/XYCRPFIN
Total Length: 10.00 ft
Total Weight: 125.00 lb
O.D. 3.50 in

BOREHOLE COMPENSATED SONIC/VDL LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT

Well POF #29

Field KISSIMMEE BASIN (LFA)

County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

			Elevation
Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	06-DEC-2011		
Run Number	THREE		
Depth Driller	1350'		
Depth Logger	1350'		
Bottom Logged Interval	1350'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	CASING	300'				
TWO	28"	CASING	300'				
THREE	12.25"	CASING	1350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String				
Liner				

<<< Fold Here >>>

Comments

DHTVS
XYC/GR
DIL/LL3/SP

MAIN PASS

ENTERPRISES, INC.

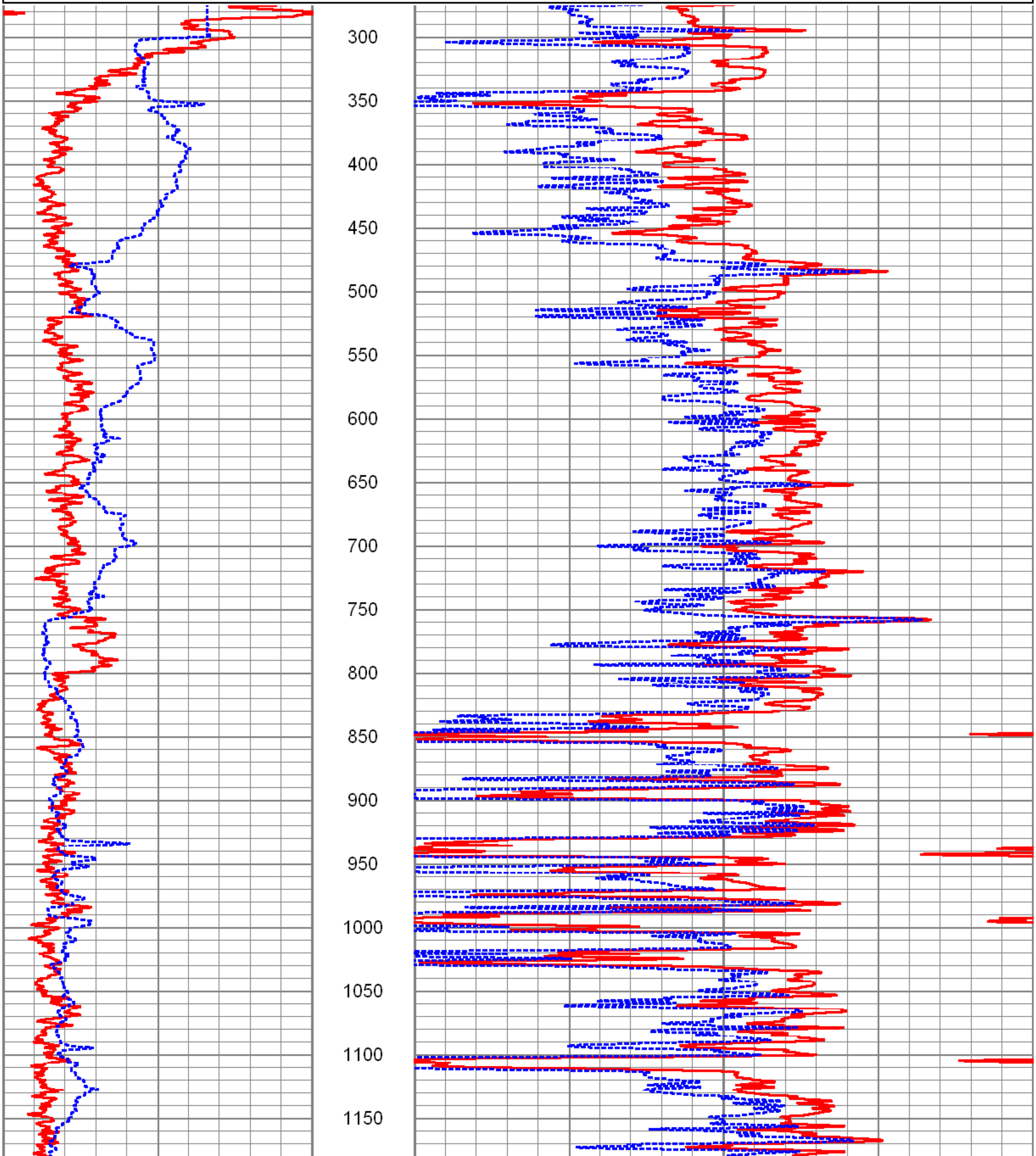
Database File:	kisspof29.db
Dataset Pathname:	run3/BHCMP
Presentation Format:	bhc_por
Dataset Creation:	Tue Dec 06 19:22:49 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

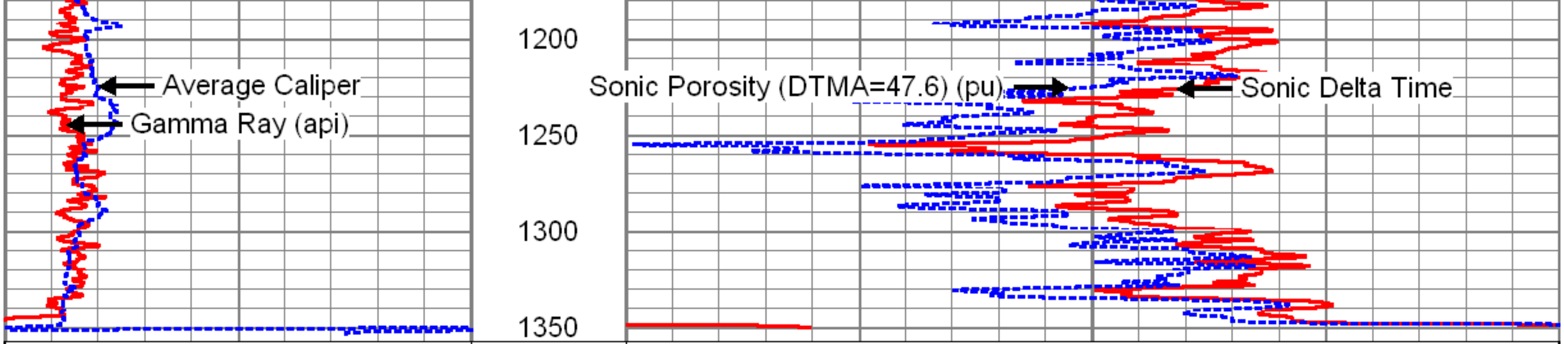
0 Gamma Ray (api) (GAPI) 100

10 Average Caliper (in) 30

240 DT (usec/ft) (usec/ft) 40

100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0





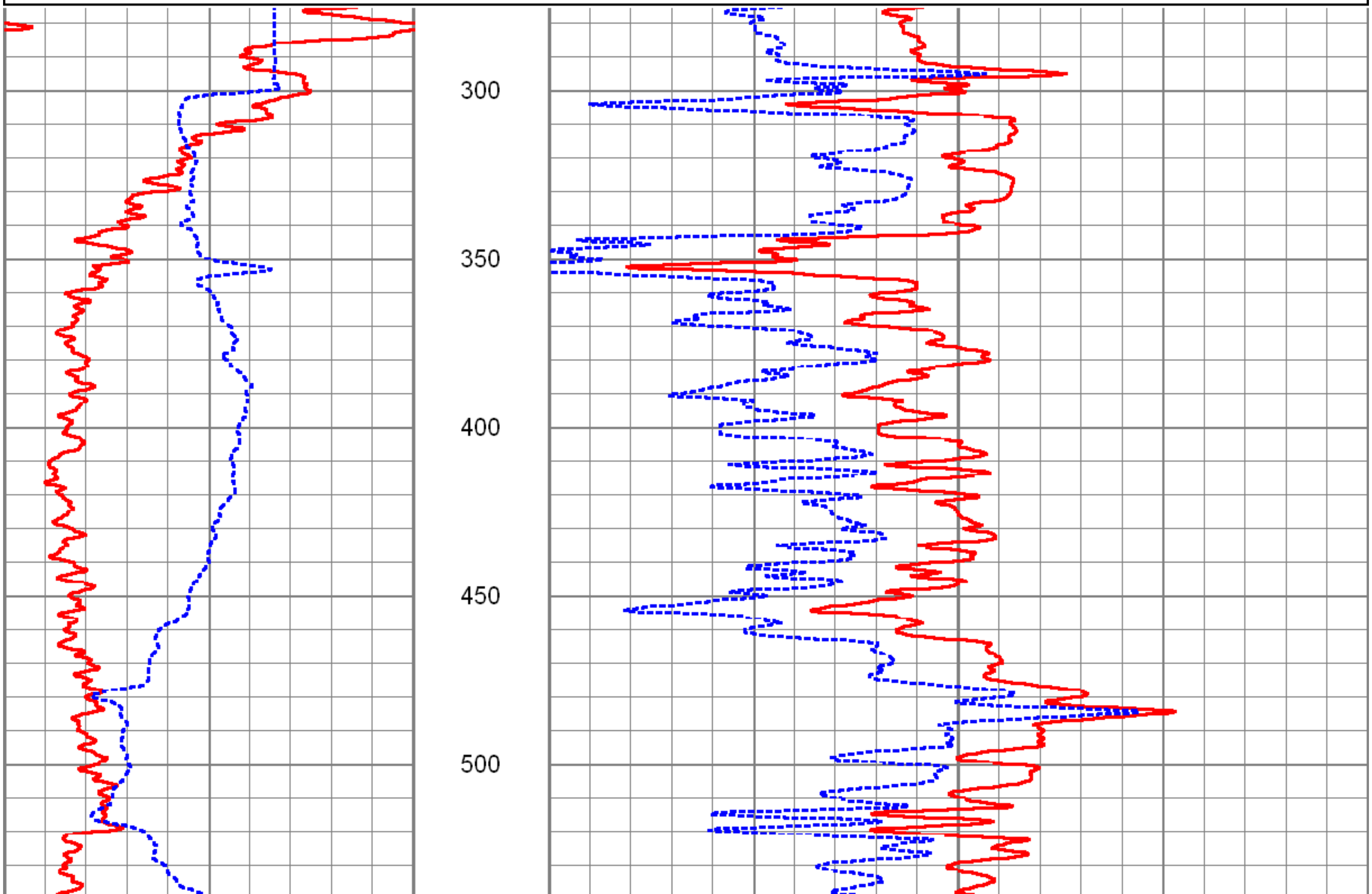
0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
10	Average Caliper (in)	30	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

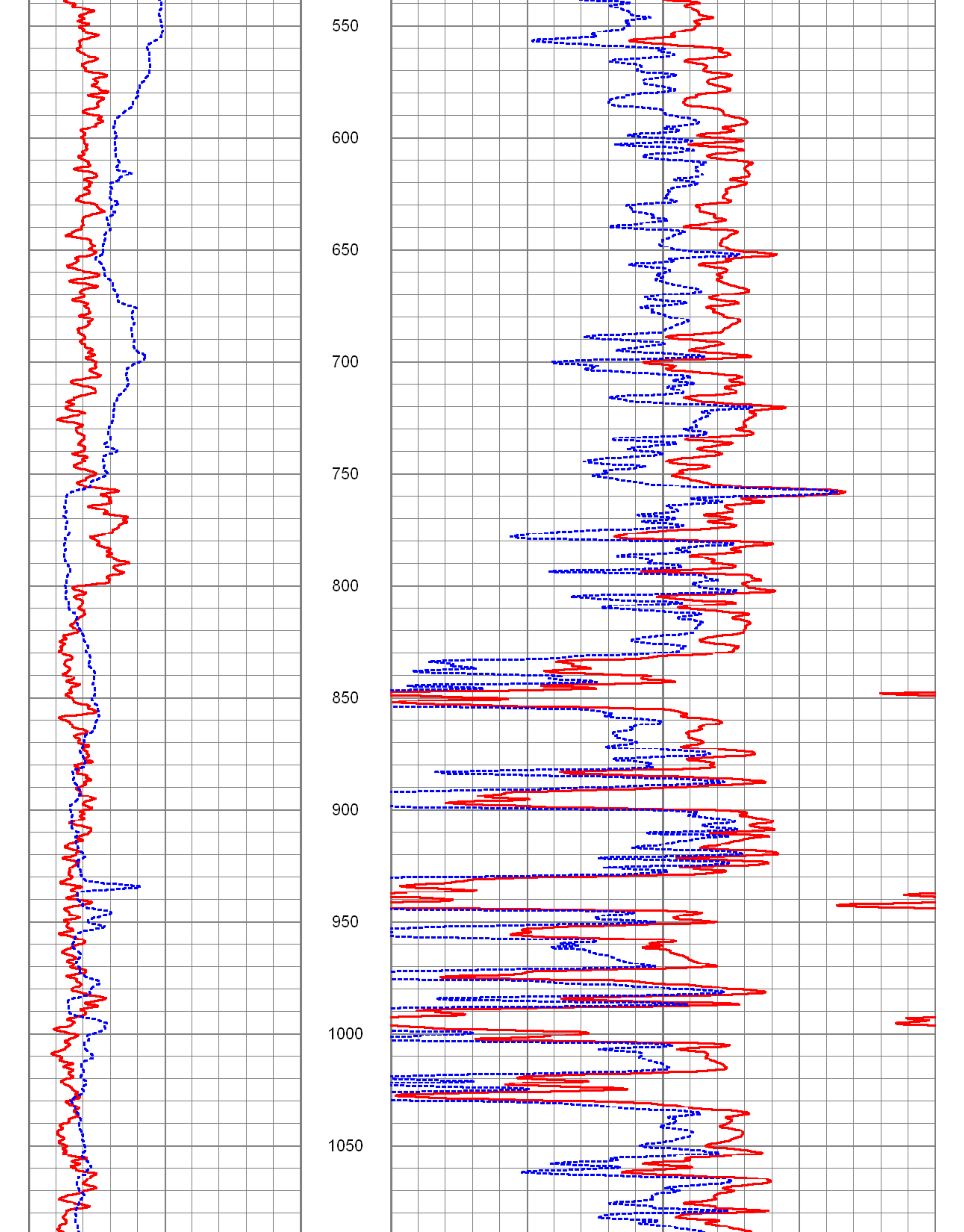
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

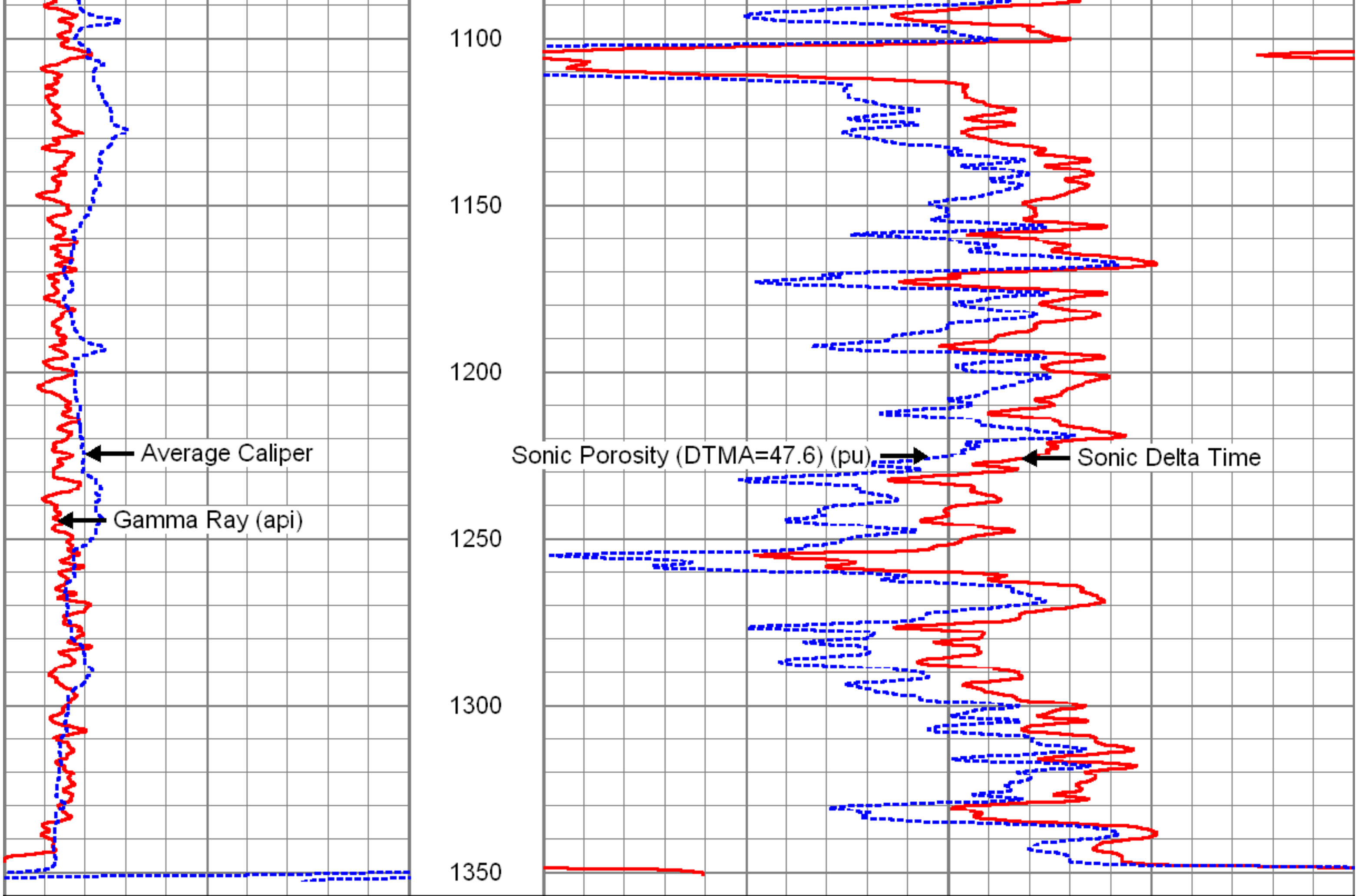
Database File: kisspof29.db
Dataset Pathname: run3/BHCMP
Presentation Format: bhc_por
Dataset Creation: Tue Dec 06 19:22:49 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
10	Average Caliper (in)	30	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0





550
600
650
700
750
800
850
900
950
1000
1050



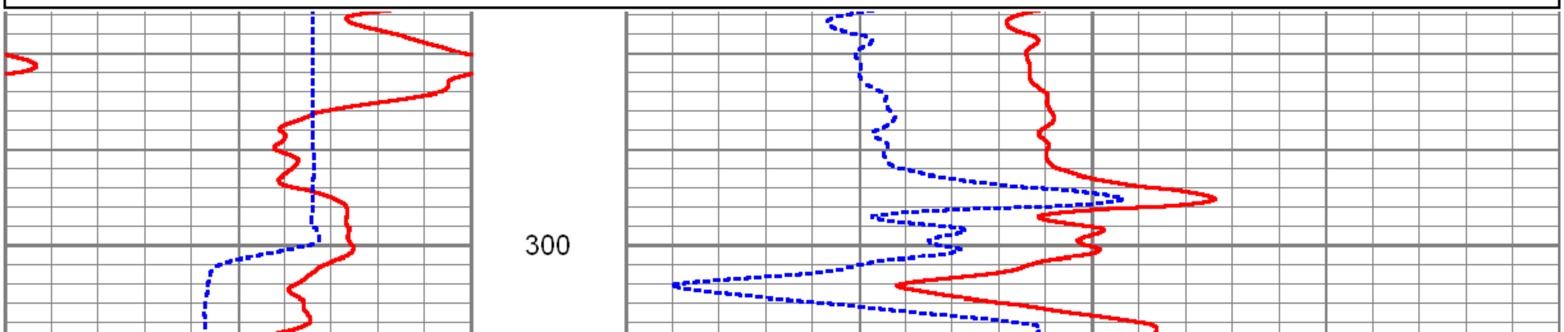
0 Gamma Ray (api) (GAPI) 100	240 DT (usec/ft) (usec/ft) 40
10 Average Caliper (in) 30	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

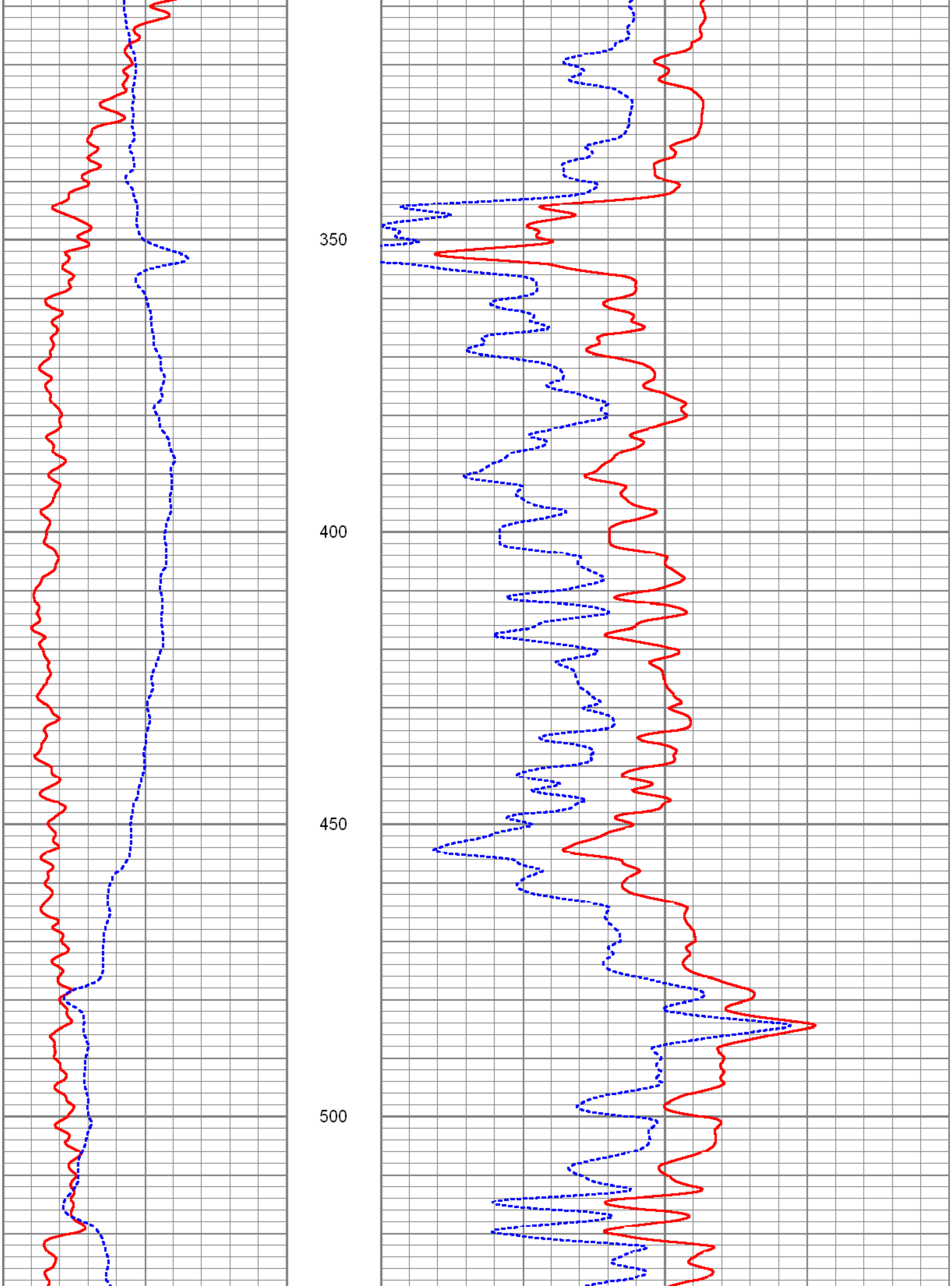
ALLWEBBS ENTERPRISES, INC.

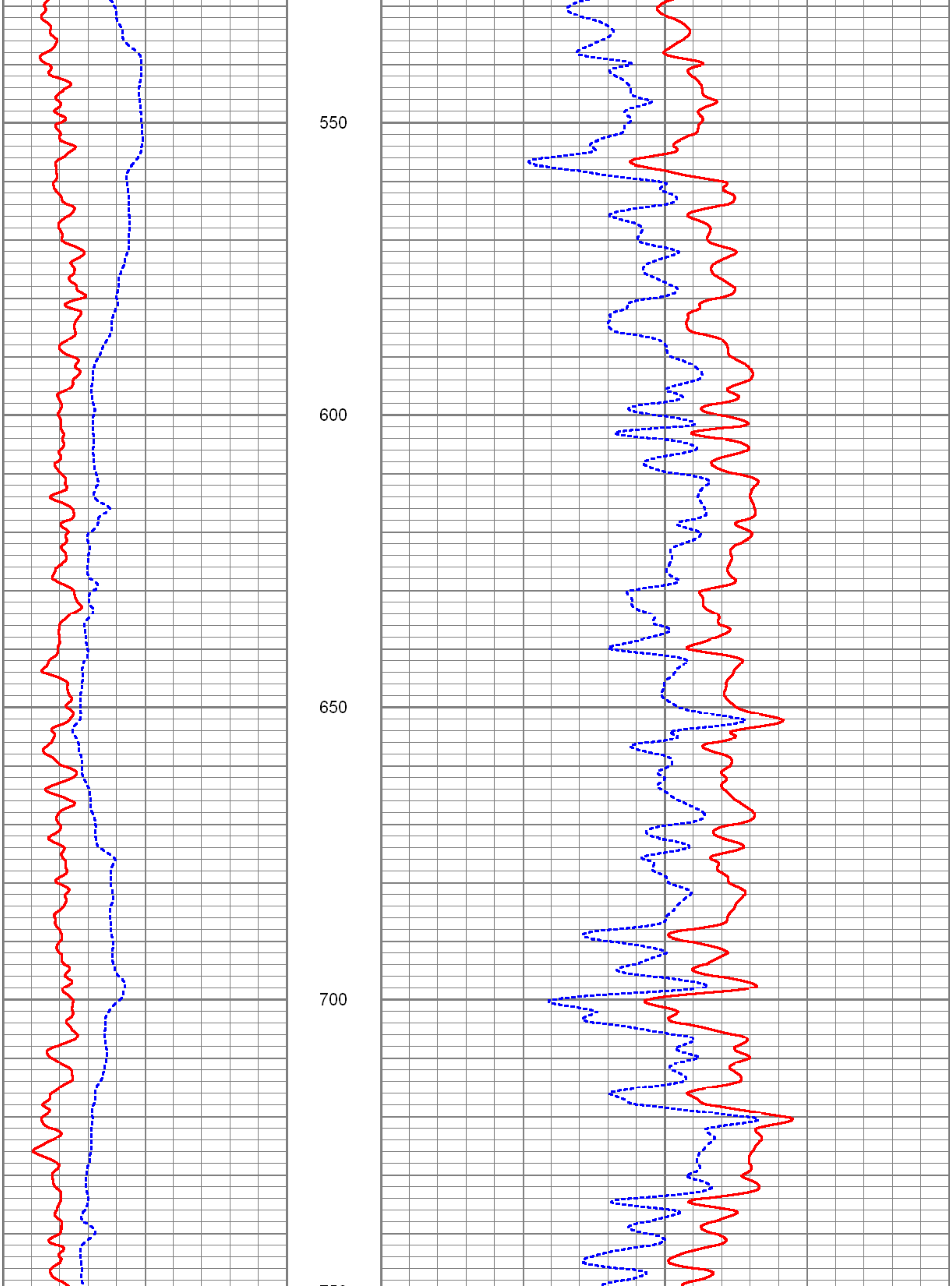
MAIN PASS

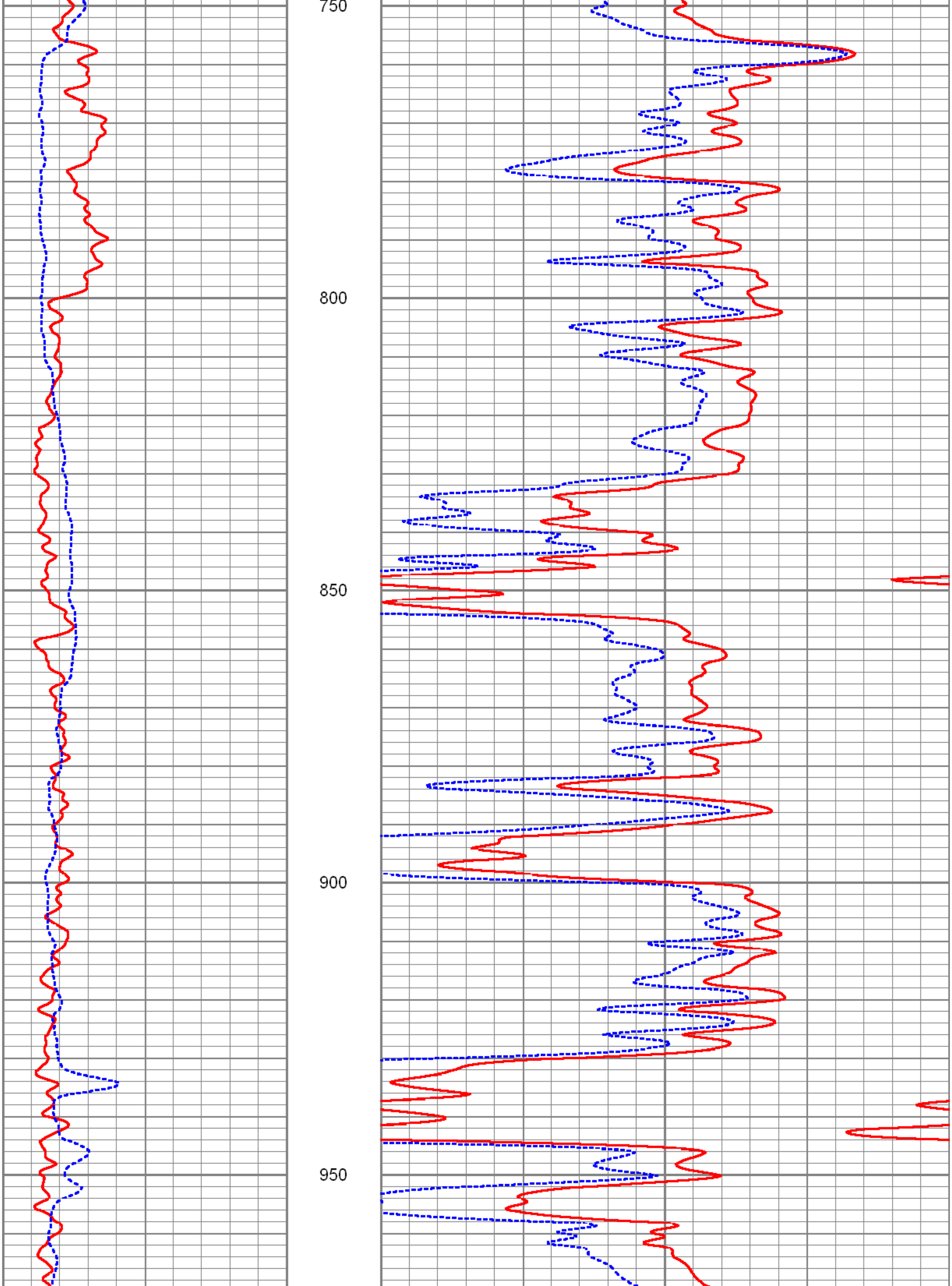
Database File:	kisspof29.db
Dataset Pathname:	run3/BHCMP
Presentation Format:	bhc_por
Dataset Creation:	Tue Dec 06 19:22:49 2011 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

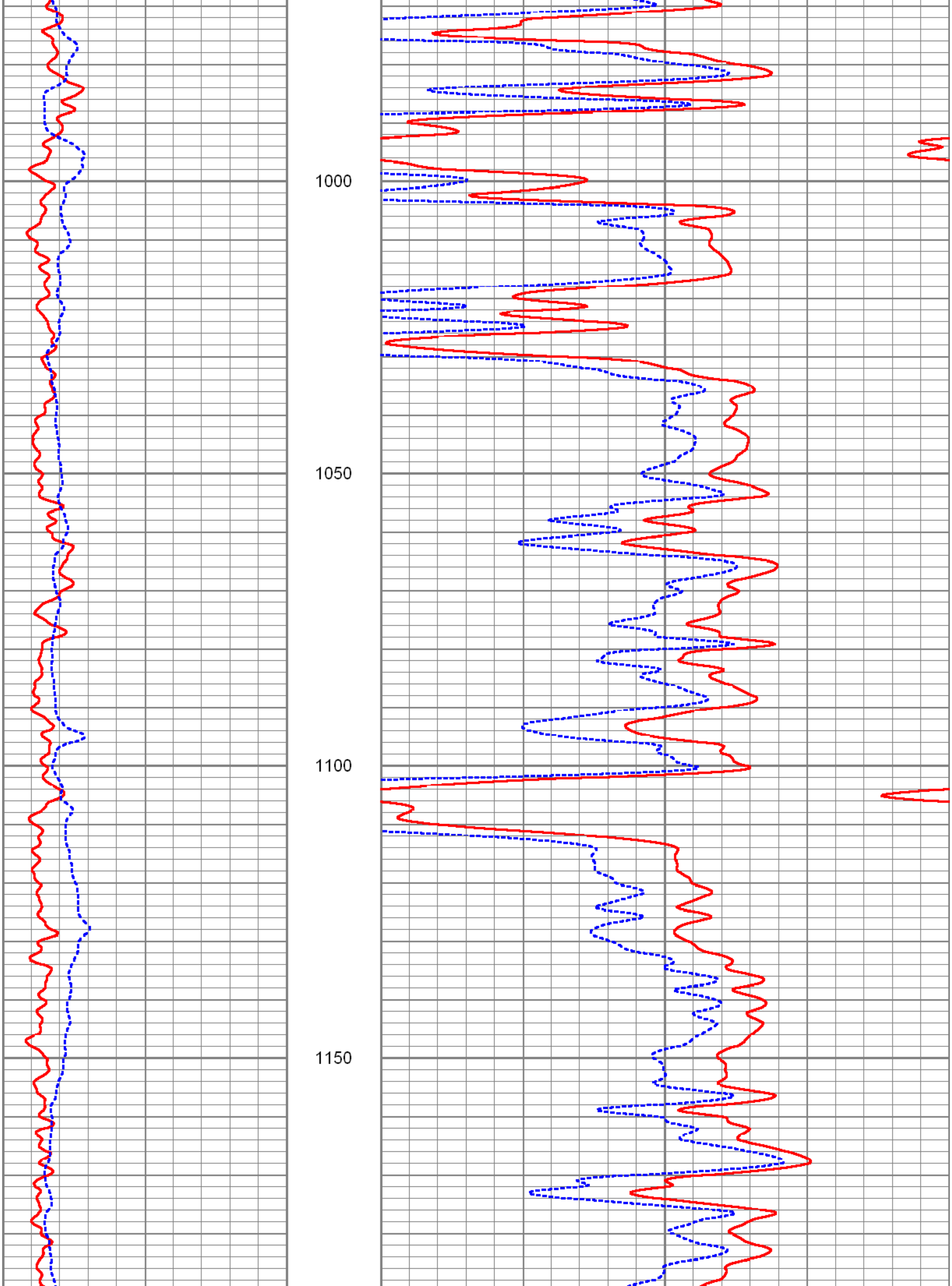
0 Gamma Ray (api) (GAPI) 100	240 DT (usec/ft) (usec/ft) 40
10 Average Caliper (in) 30	100 Sonic Porosity (DTMA=47.6) (pu) (pu) 0

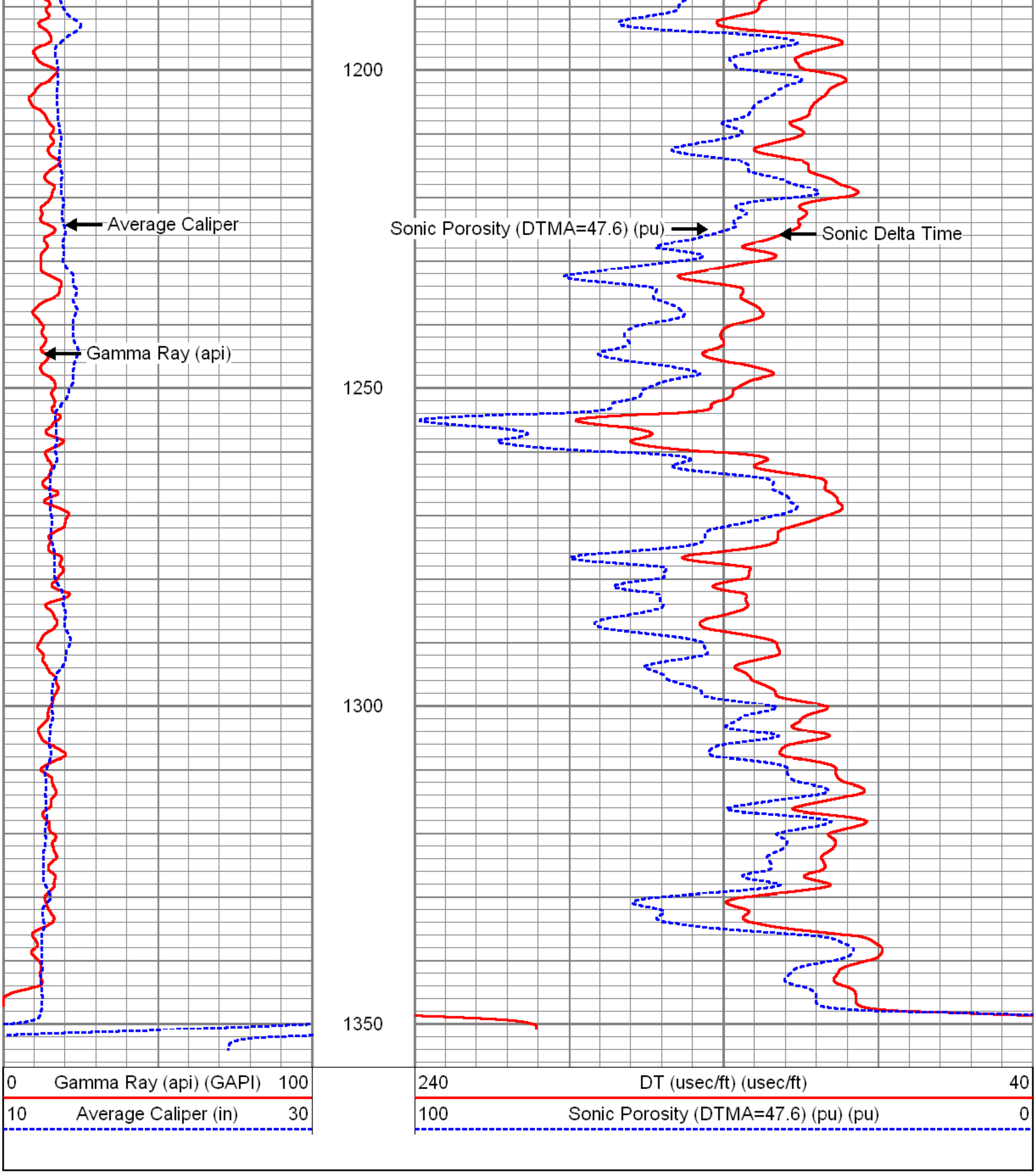



350
400
450
500


550
600
650
700


750
800
850
900
950


1000
1050
1100
1150



ALLWEBBS ENTERPRISES, INC.

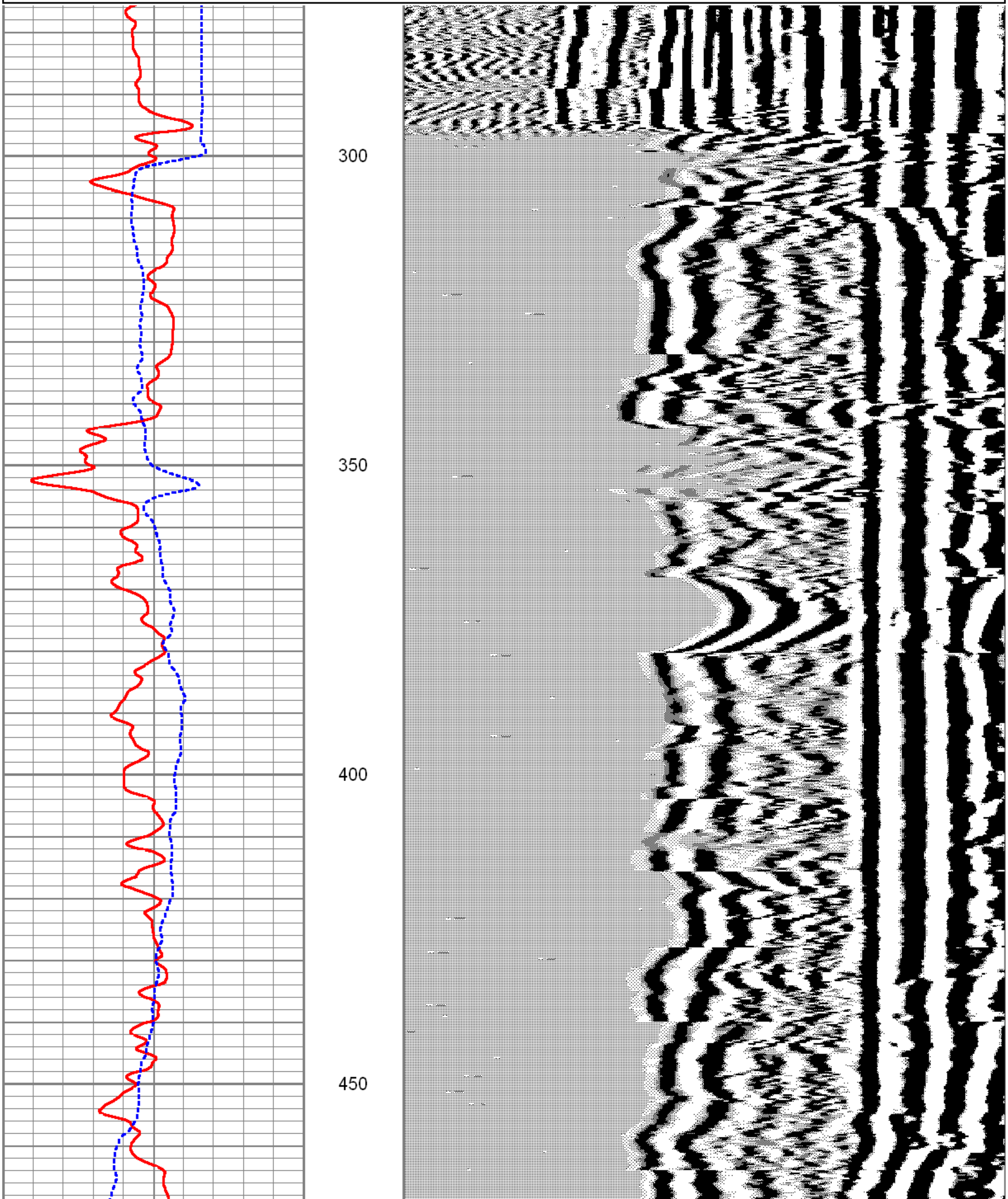
MAIN PASS

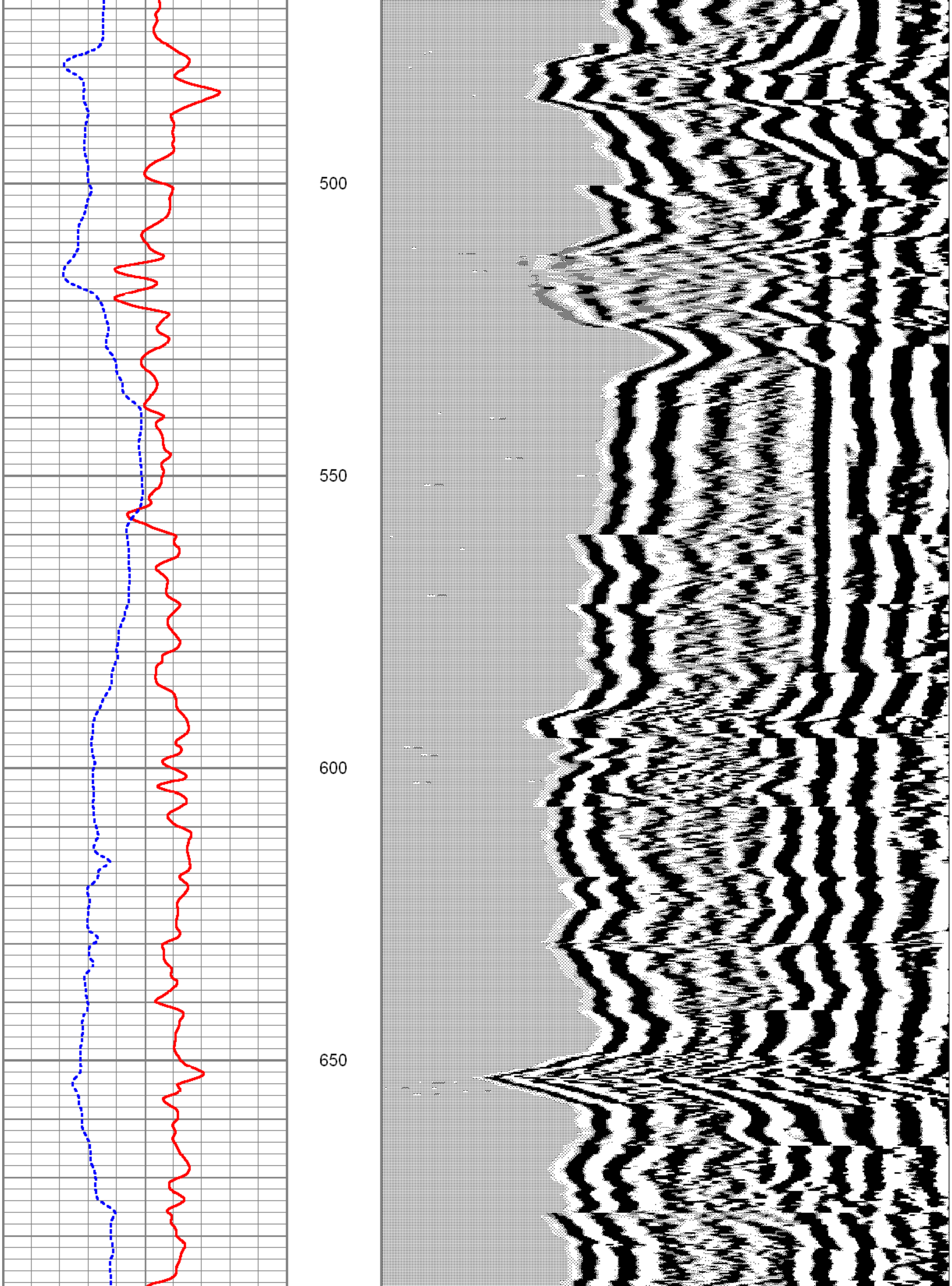
Database File: kisspof29.db
Dataset Pathname: run3/BHCMP
Presentation Format: bhc

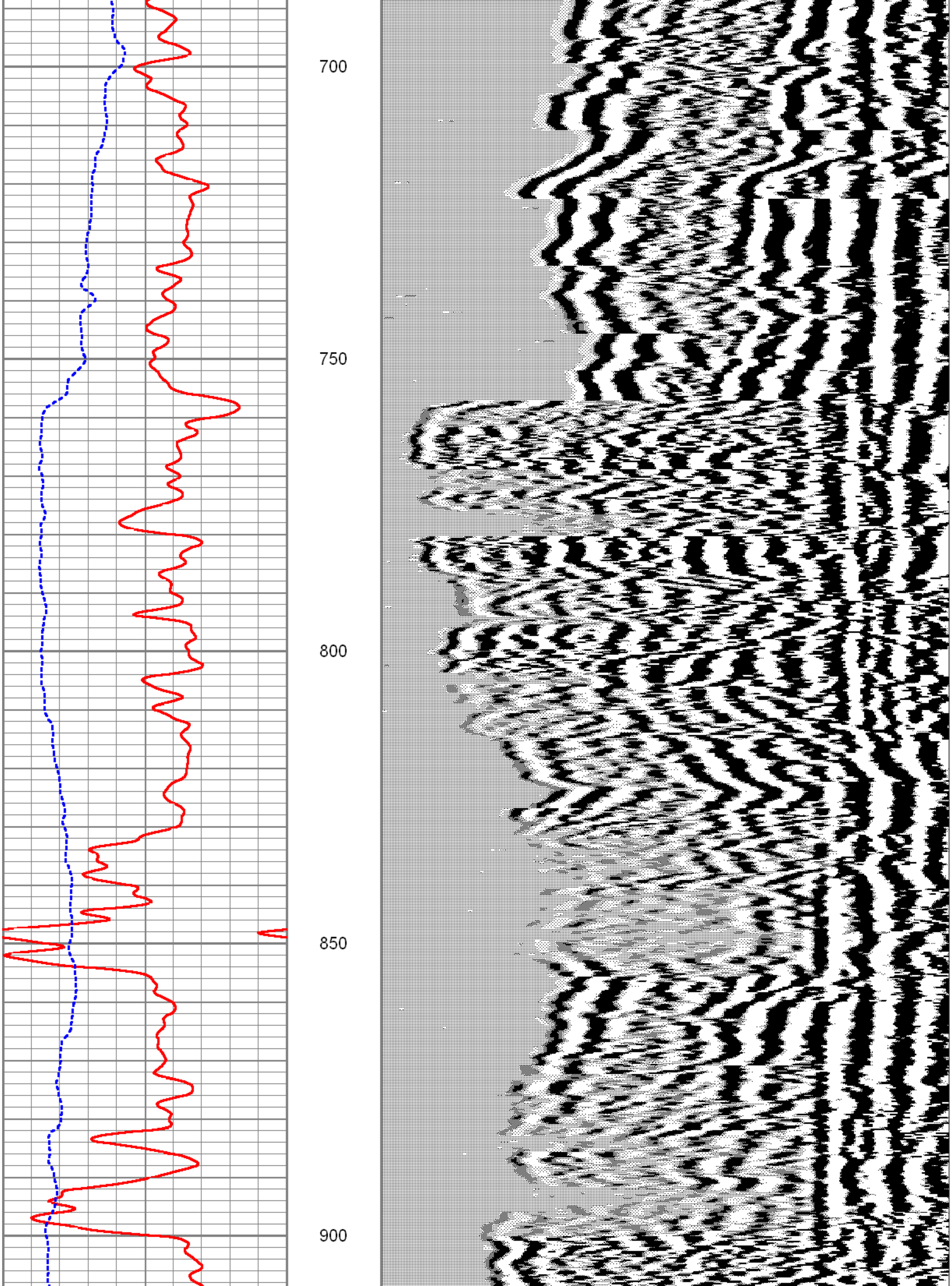
Presentation Format: bhc
Dataset Creation: Tue Dec 06 19:22:49 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

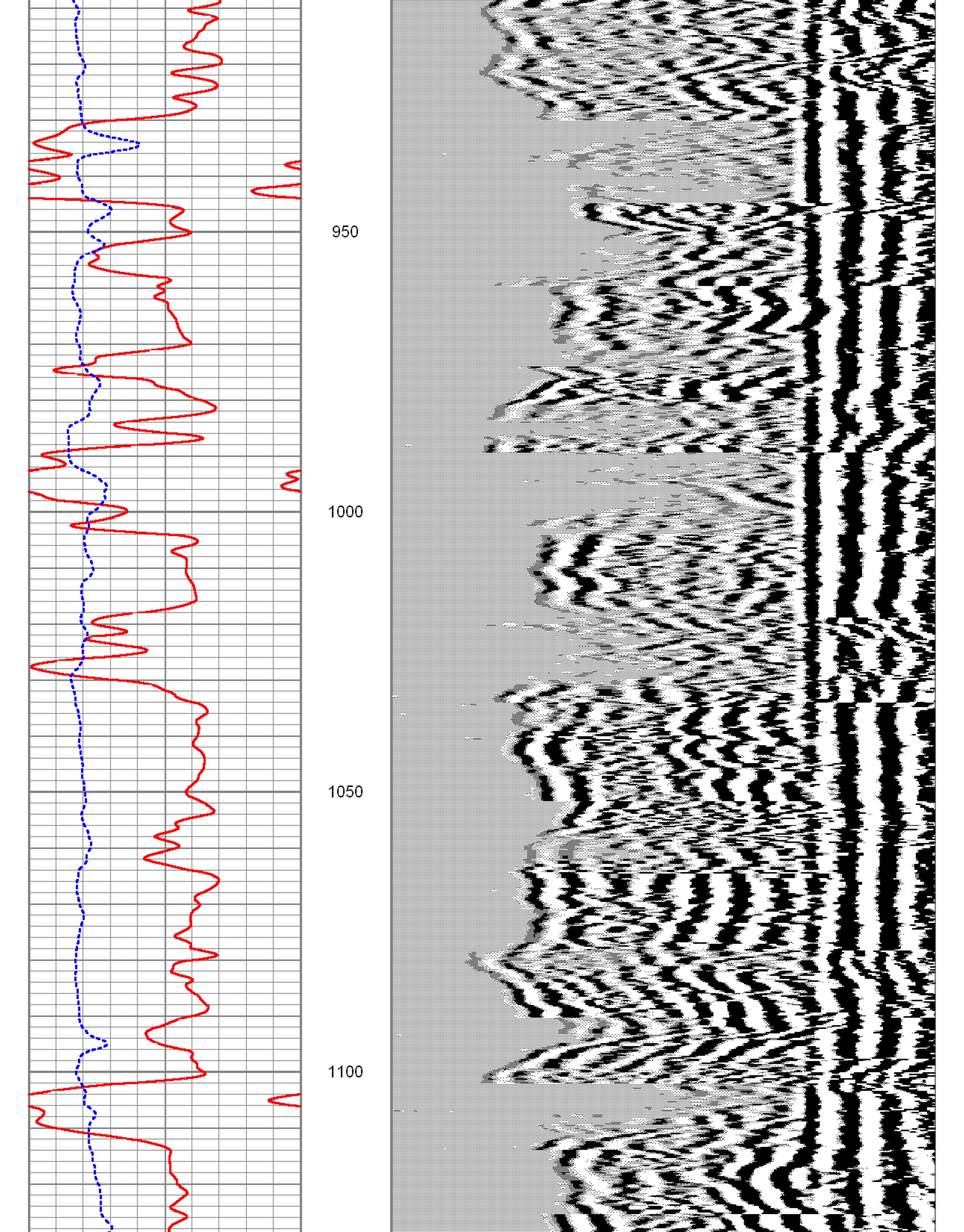
240	Sonic Delta Time (usec/ft)	40
10	Caliper Average (in) (in)	30

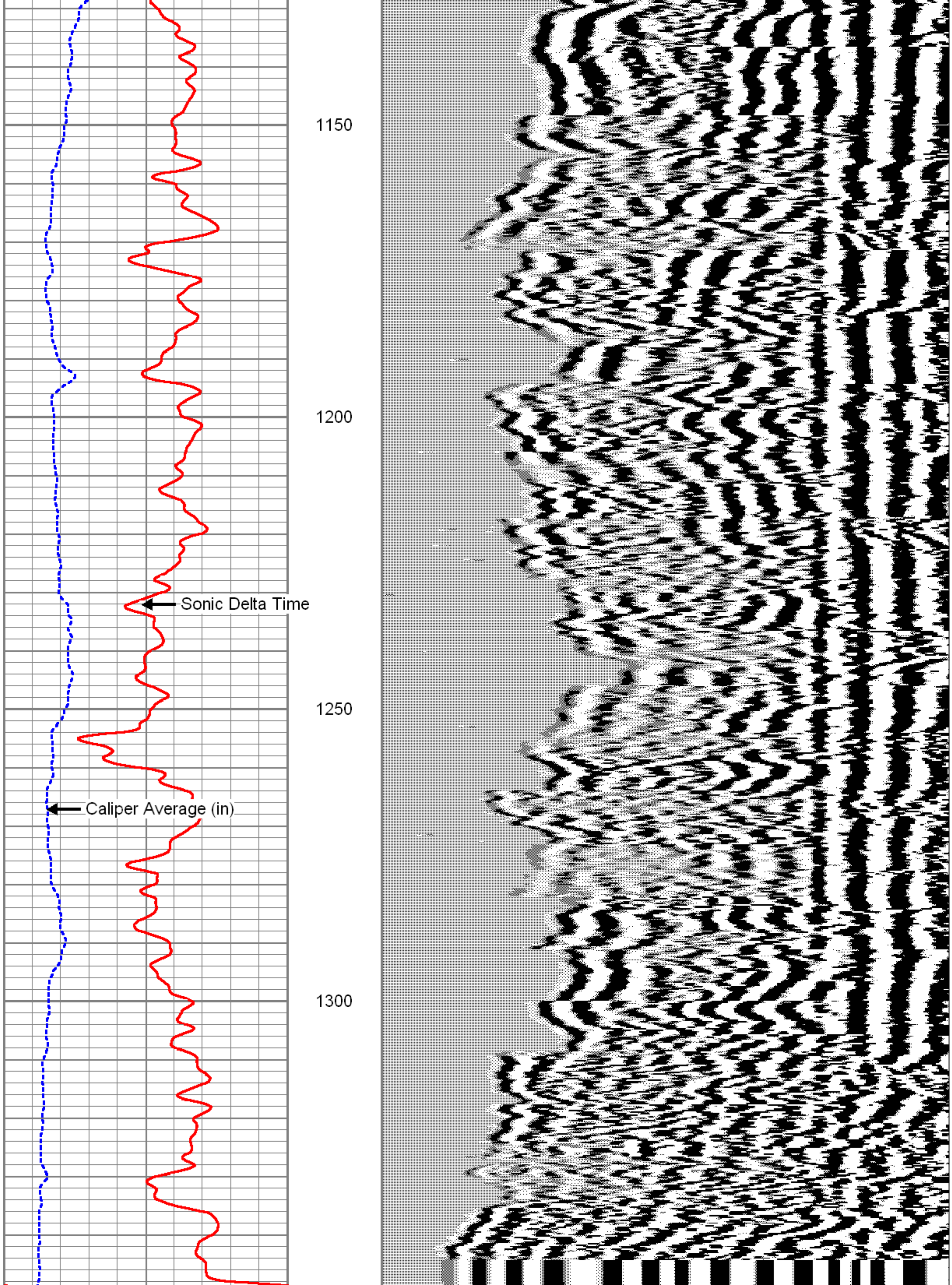
400 WVF4 1400




500
550
600
650


700
750
800
850
900


950
1000
1050
1100

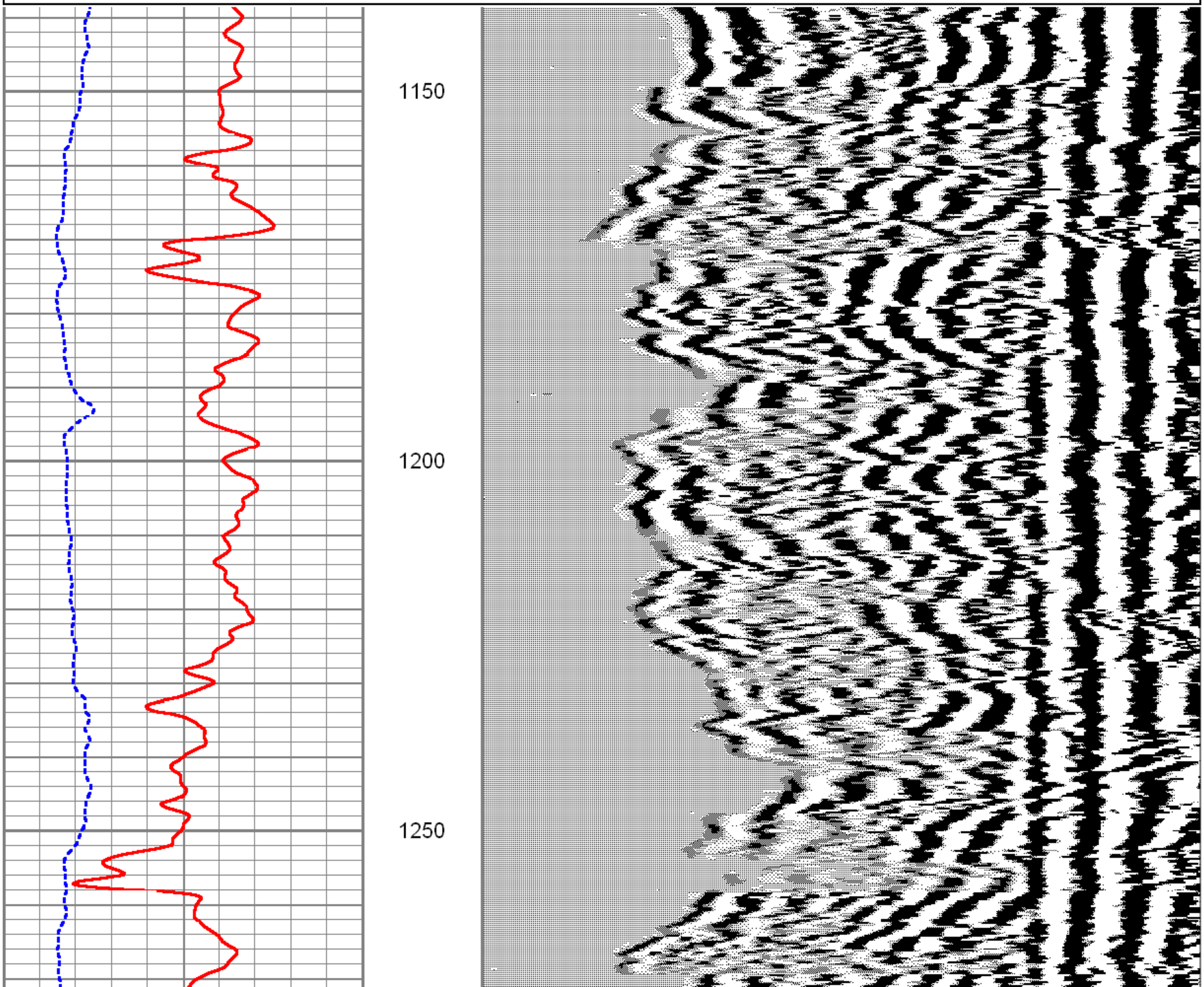

1150
1200
Sonic Delta Time
1250
Caliper Average (in)
1300

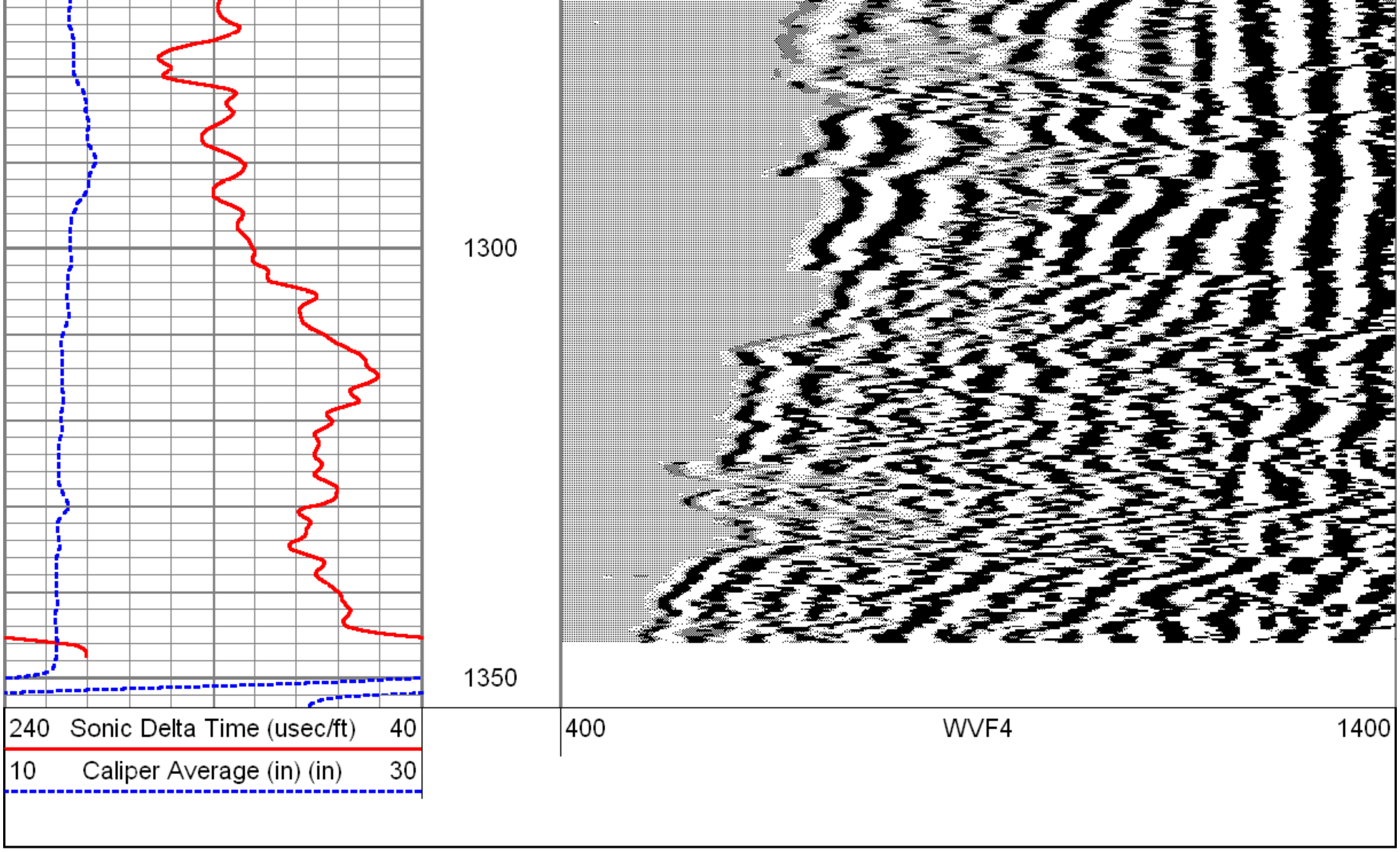
240 Sonic Delta Time (usec/ft) 40	400 WVF4 1400
10 Caliper Average (in) (in) 30	

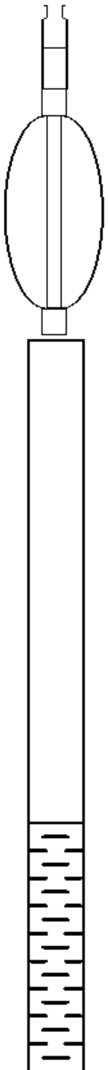
REPEAT PASS

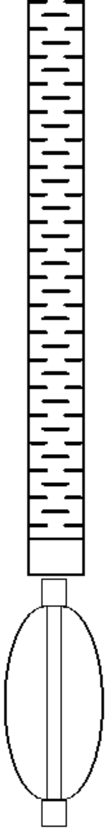
Database File: kisspof29.db
Dataset Pathname: run3/BHCRP
Presentation Format: bhc
Dataset Creation: Tue Dec 06 19:14:37 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

240 Sonic Delta Time (usec/ft) 40	400 WVF4 1400
10 Caliper Average (in) (in) 30	





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CENCBL Centralizer CENCBL	3.00	1.44	10.69
WVF1	13.50					
			SLT-GEAR (SLT1) G0_BHC	15.71	3.50	140.00

WVF2	8.67					
WVF4	7.67					
WVF3	3.00		CENCBL Centralizer CENCBL	3.00	1.44	10.69

Dataset: kisspof29.db: field/well/run3/BHCMP
Total Length: 22.71 ft
Total Weight: 166.38 lb
O.D. 3.50 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

DUAL INDUCTION LL3/SP LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	06-DEC-2011		
Run Number	THREE		
Depth Driller	1350'		
Depth Logger	1350'		
Bottom Logged Interval	1350'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	CASING	300'				
TWO	28"	CASING	300'				
THREE	12.25"	CASING	1350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String				
Liner				

<<< Fold Here >>>

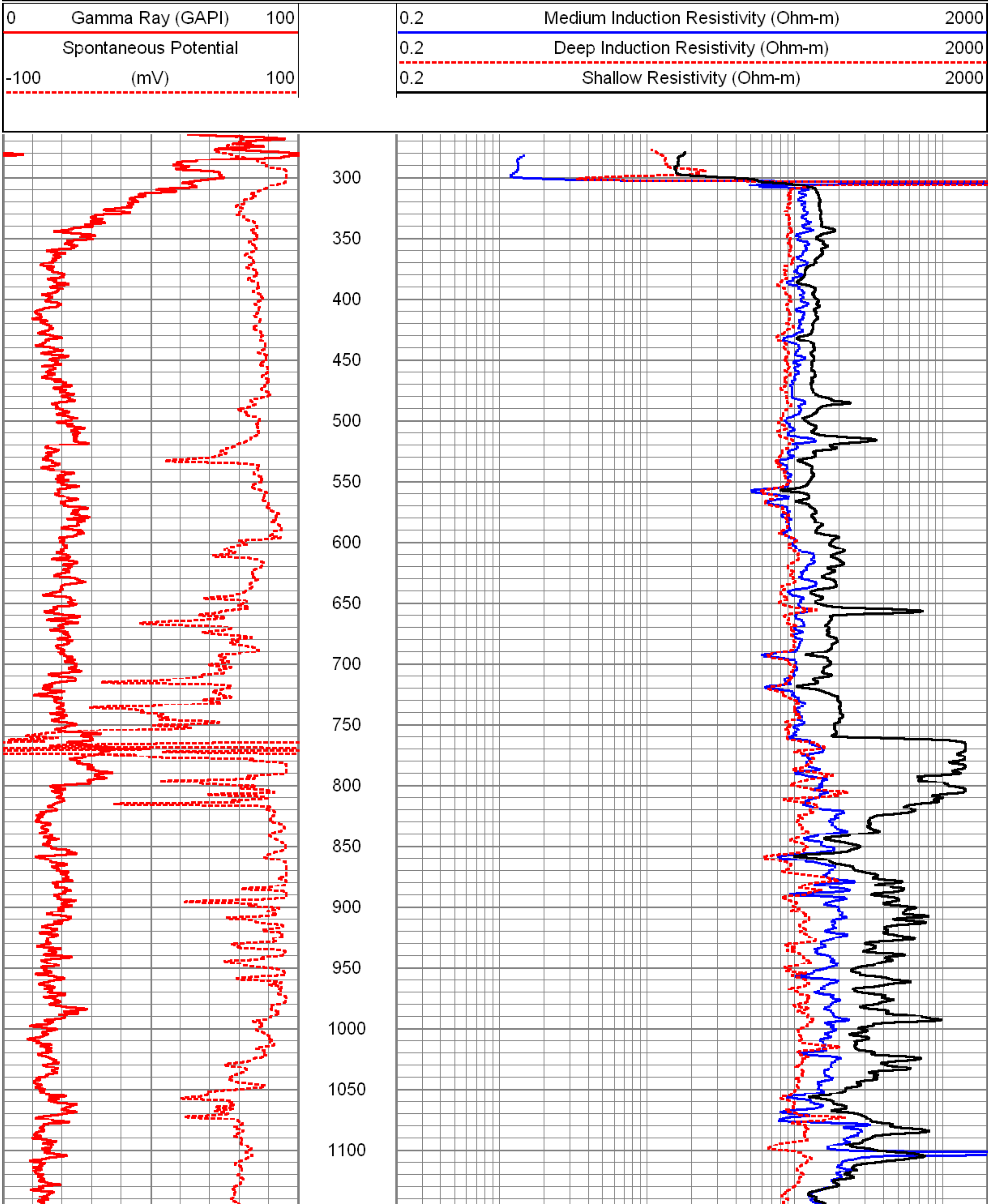
Comments

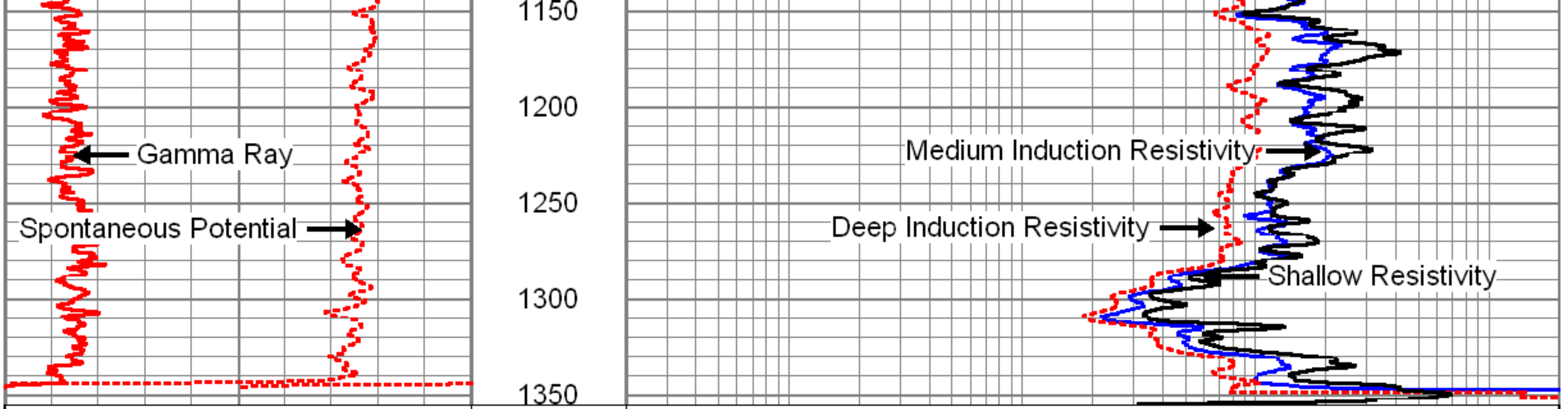
DHTVS
XYC/GR
BHC/SONIC/VDL

MAIN PASS

ENTERPRISES, INC.

Database File: kisspof29.db
Dataset Pathname: run3/DILMPFIN1
Presentation Format: dil
Dataset Creation: Tue Dec 06 19:12:28 2011
Charted by: Depth in Feet scaled 1:1200





0	Gamma Ray (GAPI)	100
	Spontaneous Potential	
-100	(mV)	100

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

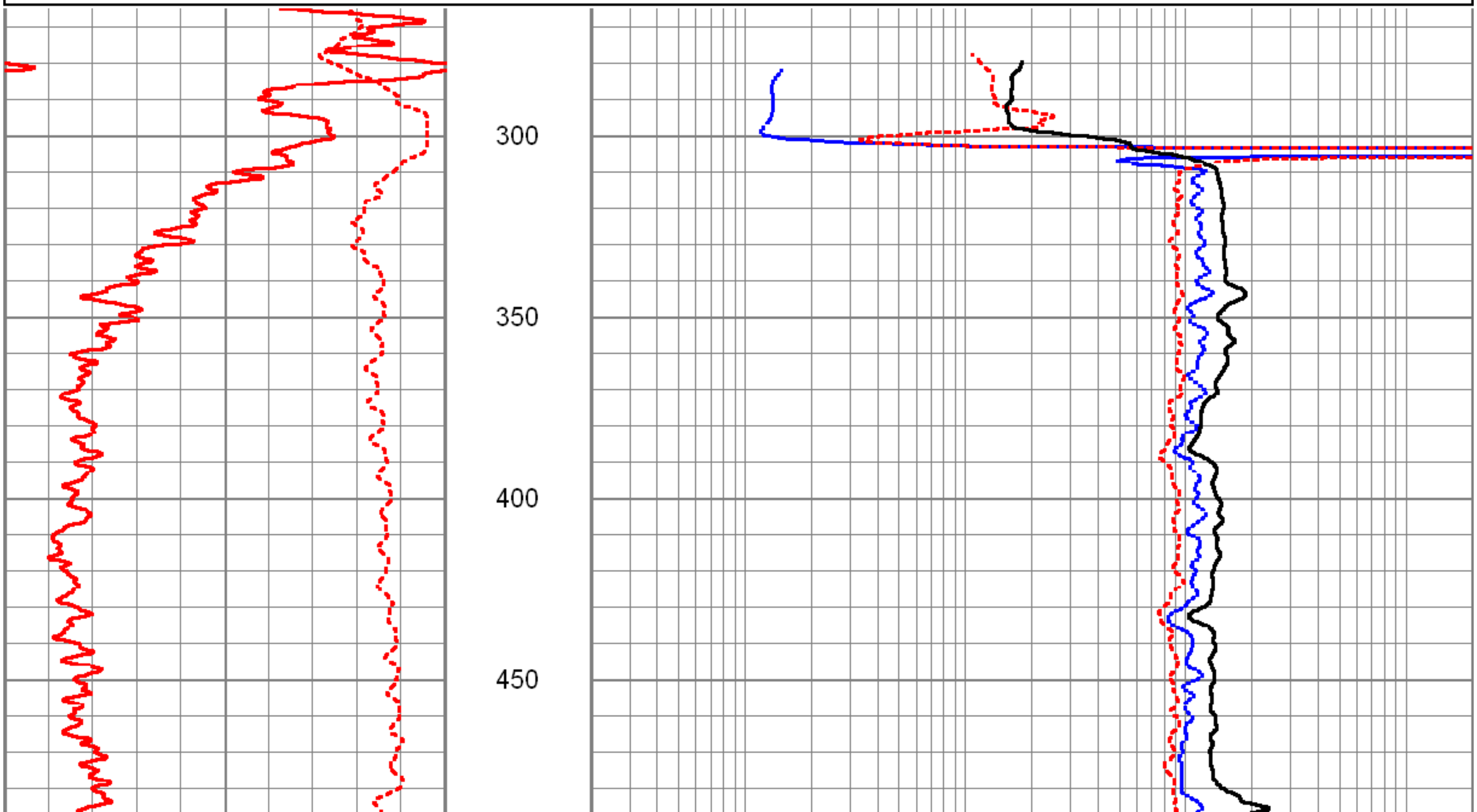
ALLWEBBS ENTERPRISES, INC.

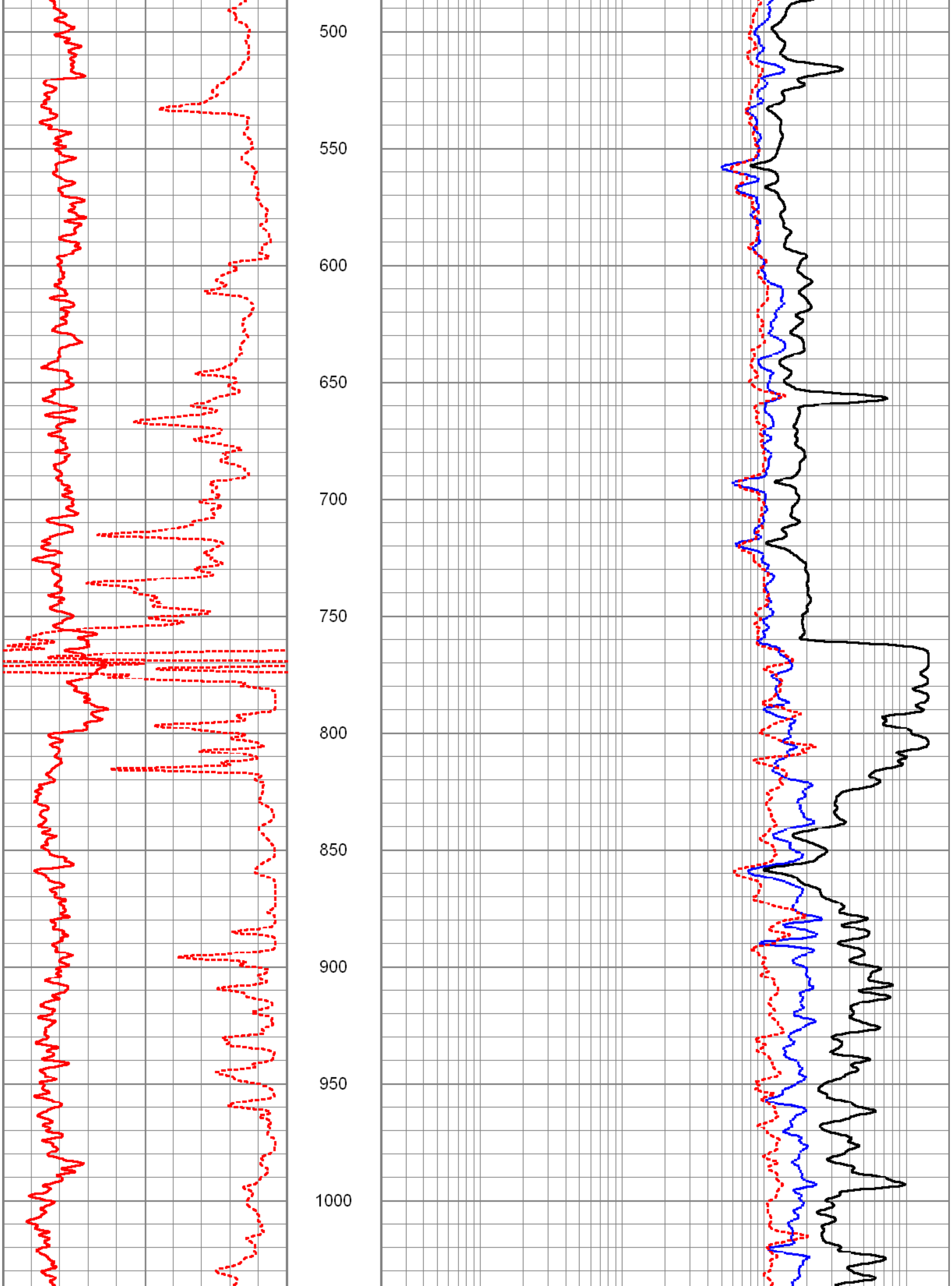
MAIN PASS

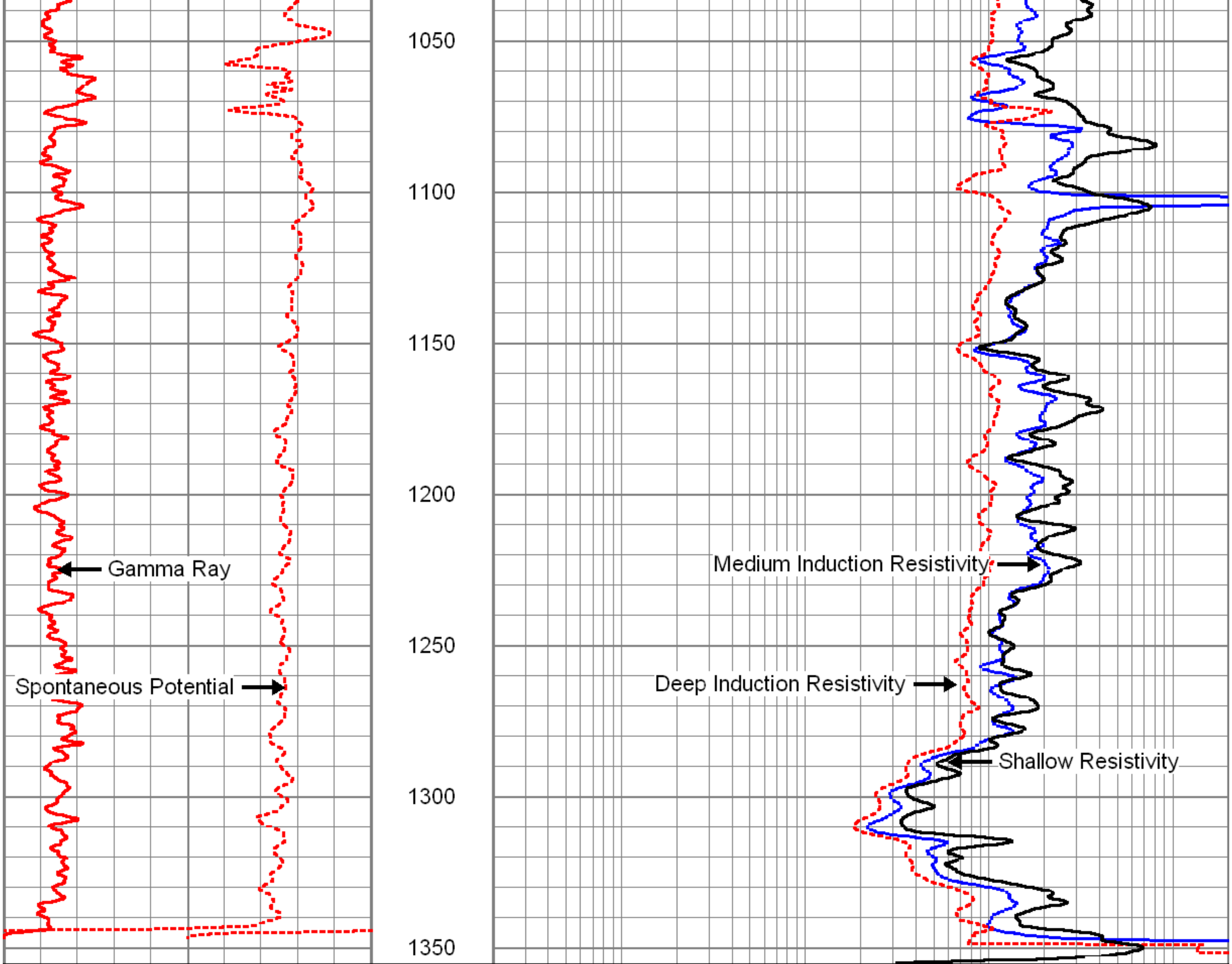
Database File:	kisspof29.db
Dataset Pathname:	run3/DILMPFIN1
Presentation Format:	dil
Dataset Creation:	Tue Dec 06 19:12:28 2011
Charted by:	Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	100
	Spontaneous Potential	
-100	(mV)	100

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000




500
550
600
650
700
750
800
850
900
950
1000



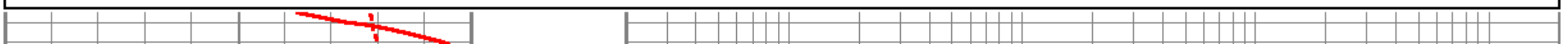
0 Gamma Ray (GAPI) 100	0.2 Medium Induction Resistivity (Ohm-m) 2000
Spontaneous Potential	0.2 Deep Induction Resistivity (Ohm-m) 2000
-100 (mV) 100	0.2 Shallow Resistivity (Ohm-m) 2000

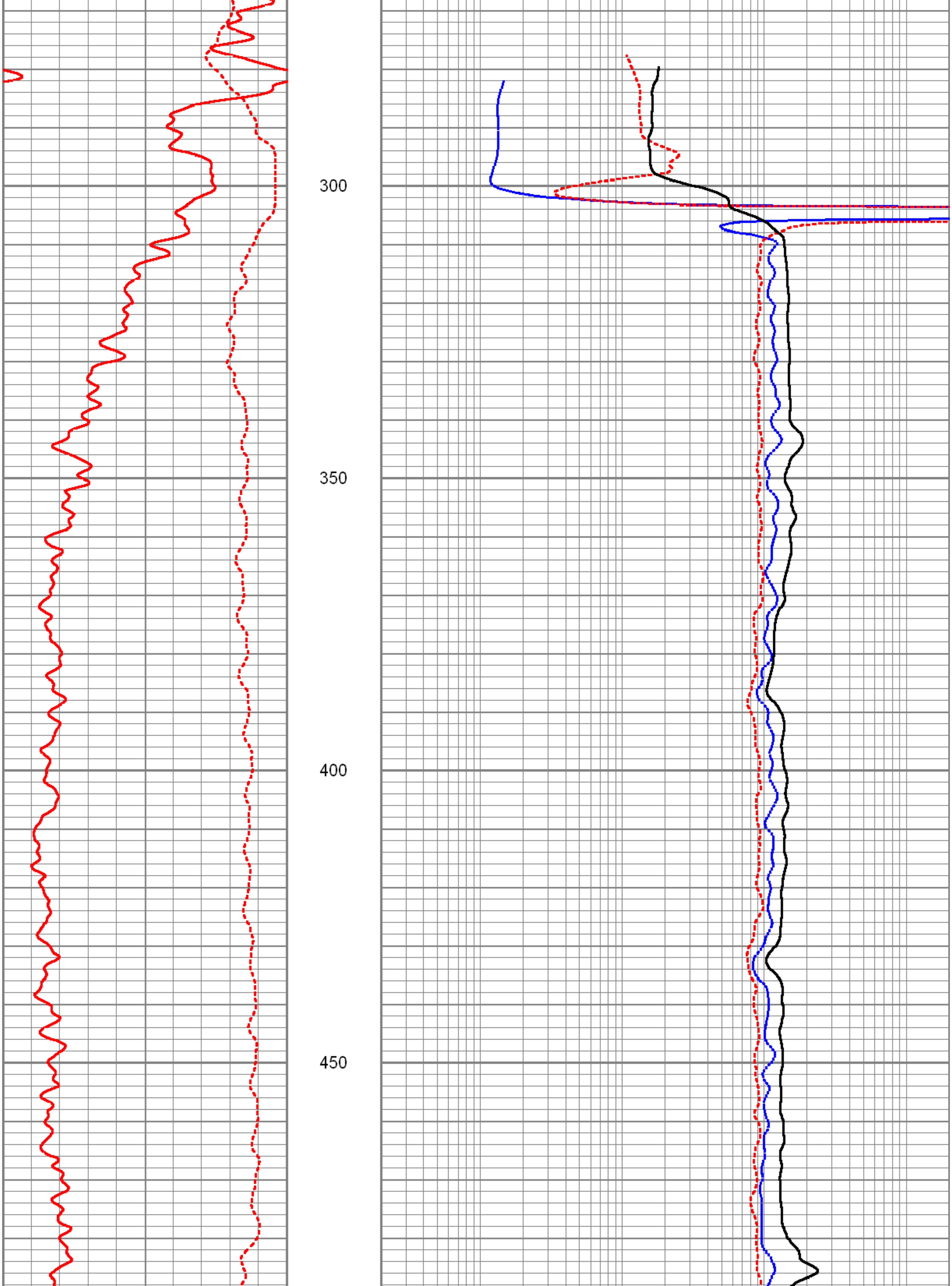
ALLWEBBS ENTERPRISES, INC.

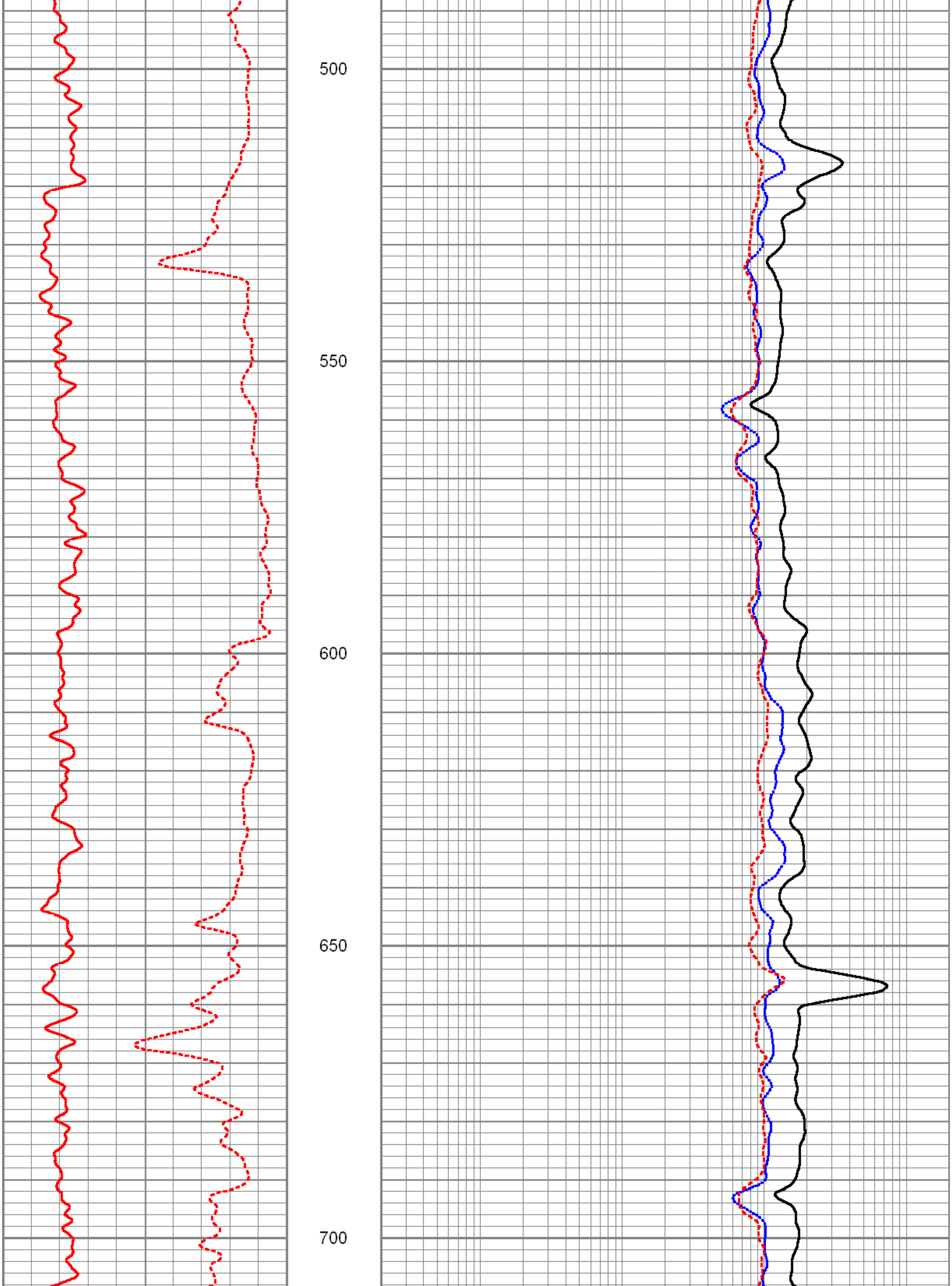
MAIN PASS

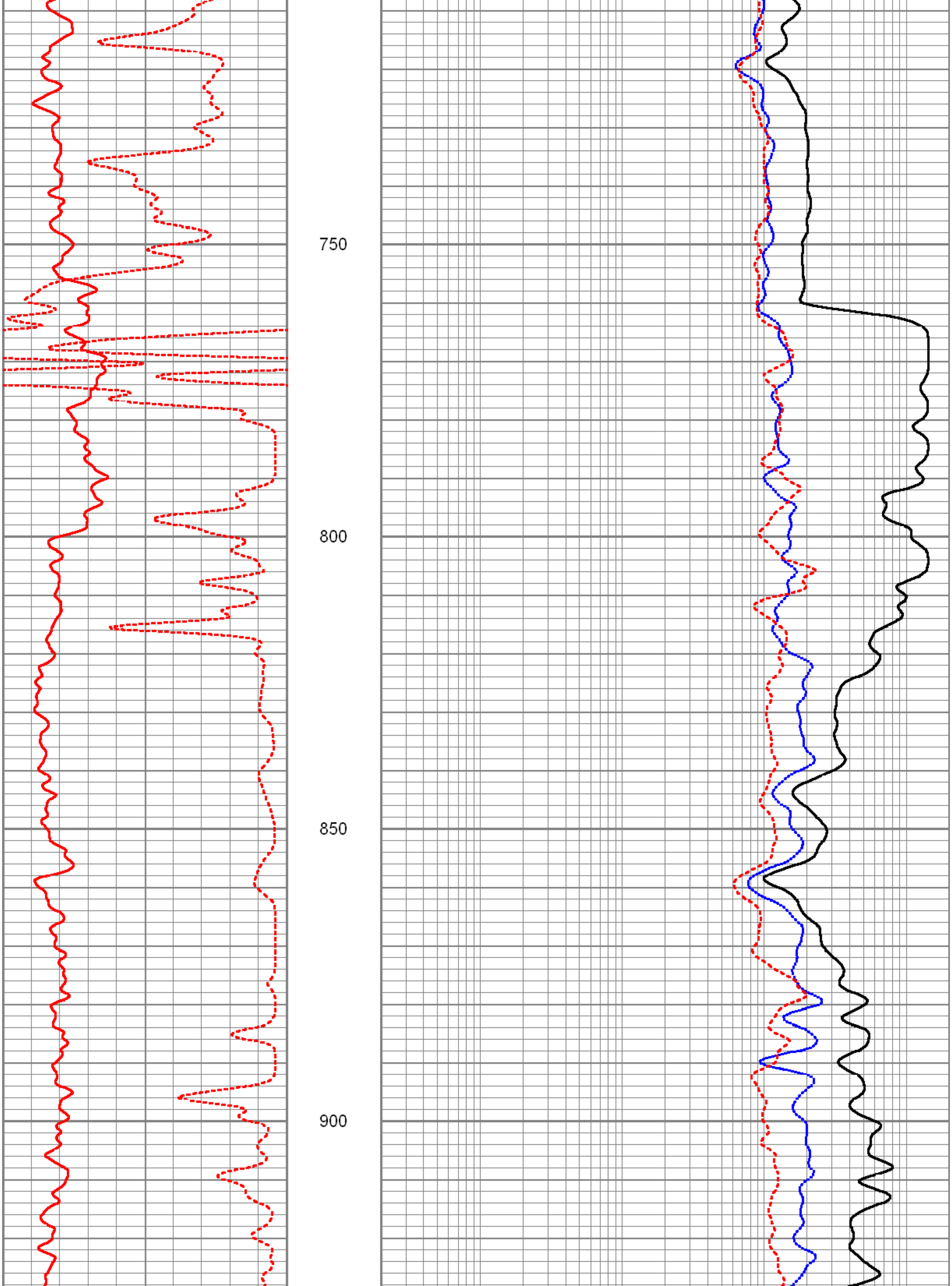
Database File: kisspof29.db
Dataset Pathname: run3/DILMPFIN1
Presentation Format: dil
Dataset Creation: Tue Dec 06 19:12:28 2011
Charted by: Depth in Feet scaled 1:240

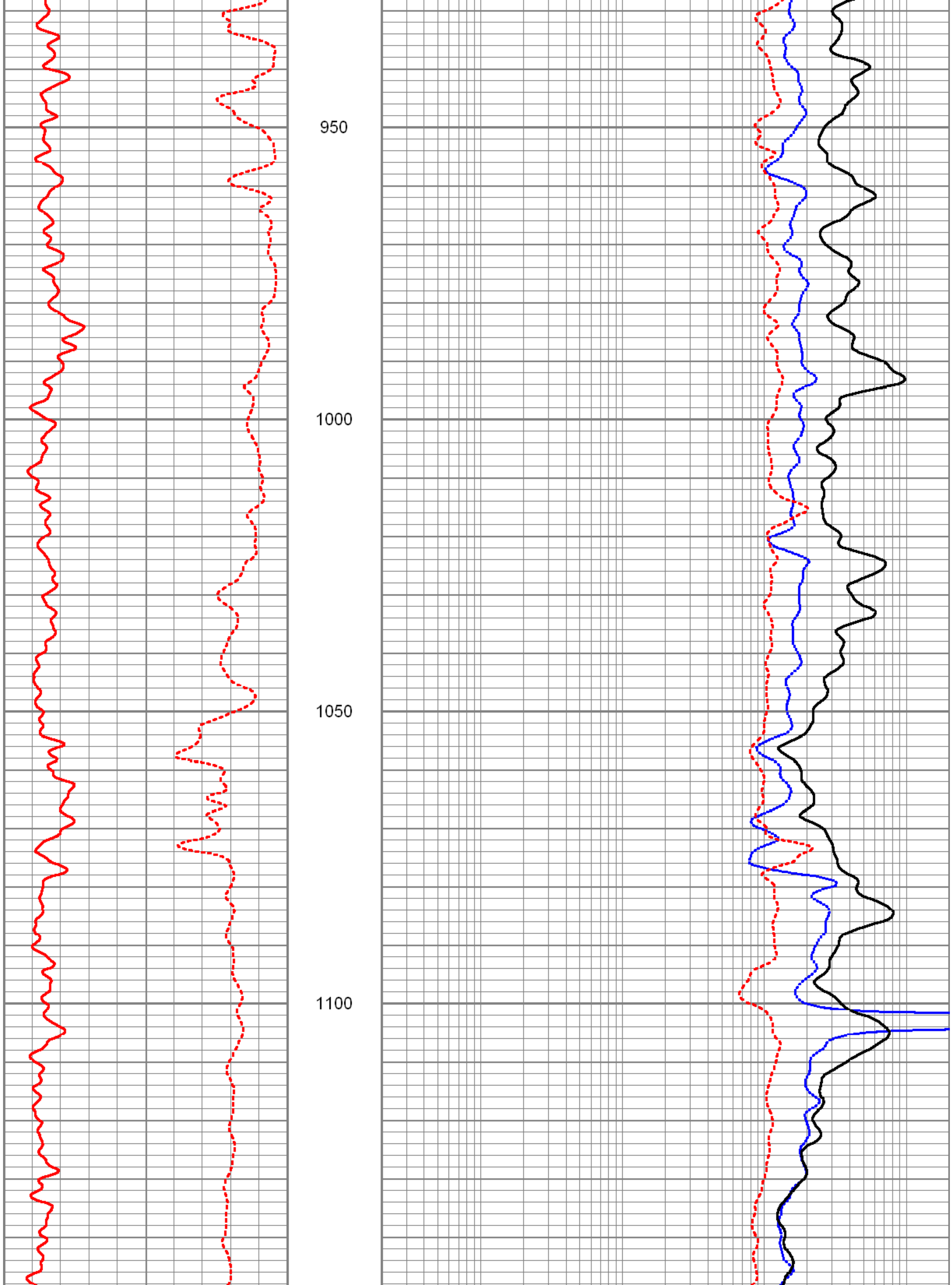
0 Gamma Ray (GAPI) 100	0.2 Medium Induction Resistivity (Ohm-m) 2000
Spontaneous Potential	0.2 Deep Induction Resistivity (Ohm-m) 2000
-100 (mV) 100	0.2 Shallow Resistivity (Ohm-m) 2000

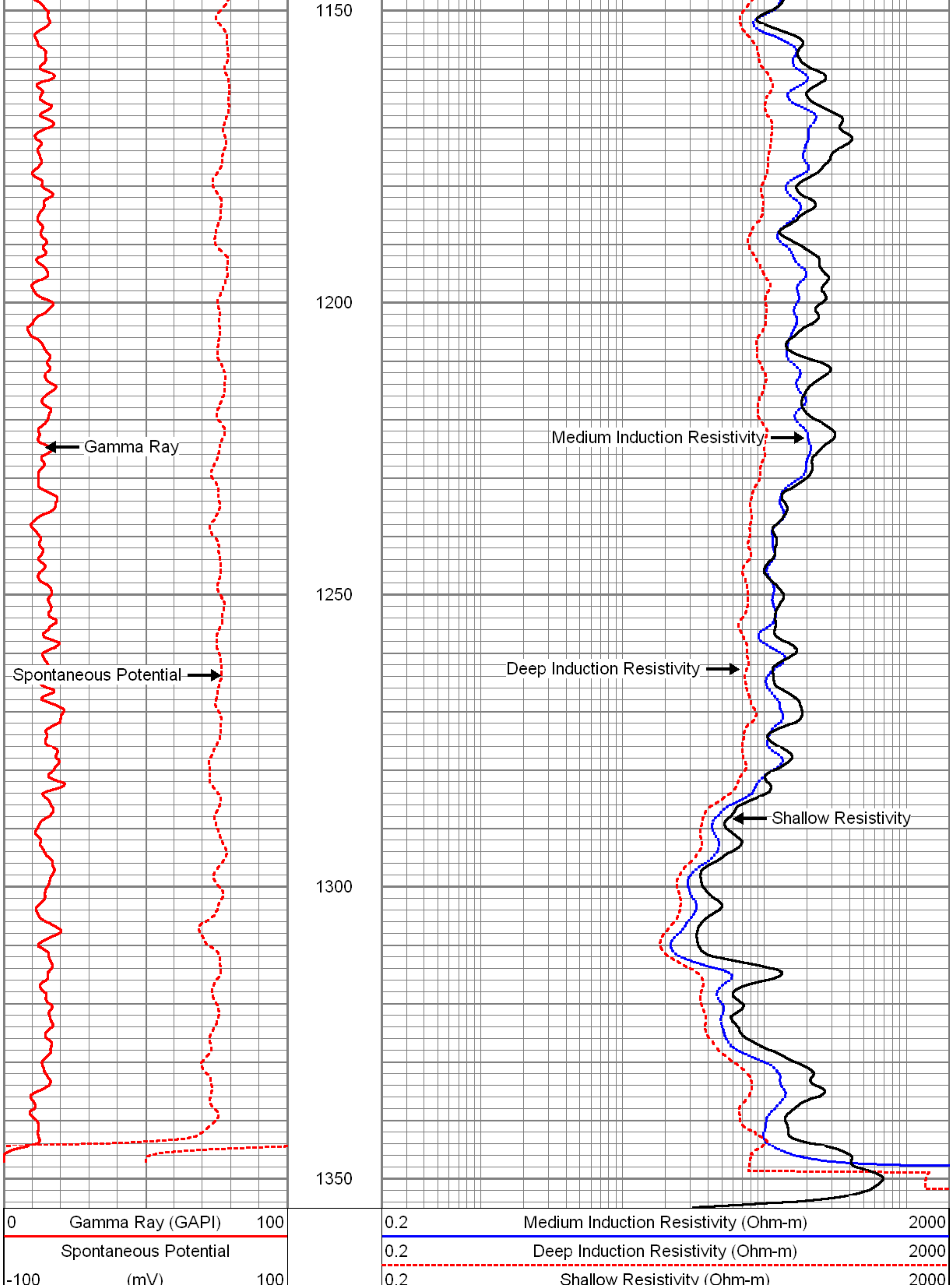



300
350
400
450


500
550
600
650
700


750
800
850
900


950
1000
1050
1100


1150
1200
1250
1300
1350
Gamma Ray
Spontaneous Potential
Medium Induction Resistivity
Deep Induction Resistivity
Shallow Resistivity
0
Gamma Ray (GAPI)
100
Spontaneous Potential
-100
(mV)
100
0.2
Medium Induction Resistivity (Ohm-m)
2000
0.2
Deep Induction Resistivity (Ohm-m)
2000
0.2
Shallow Resistivity (Ohm-m)
2000

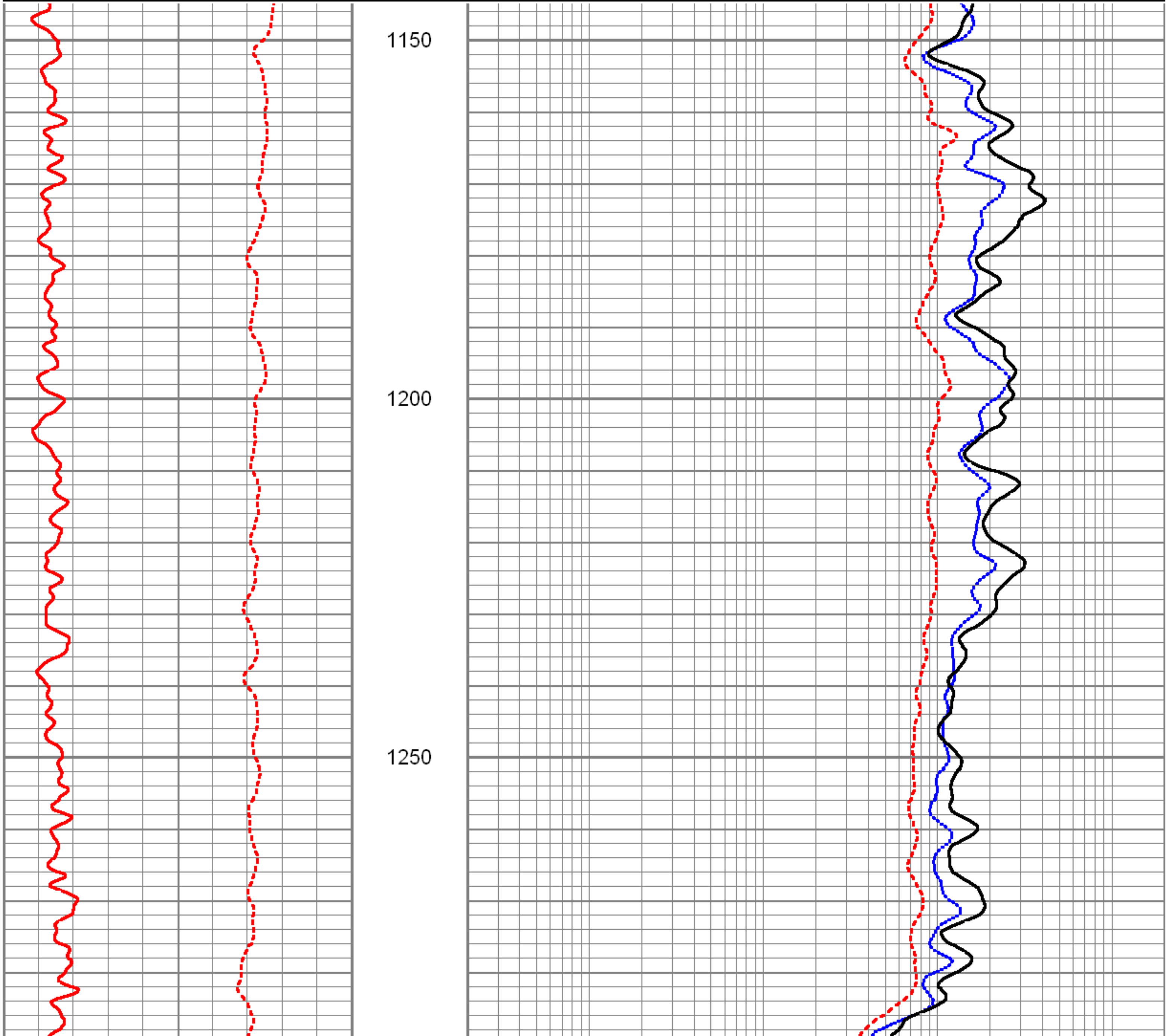
ALLWEBBS ENTERPRISES, INC.

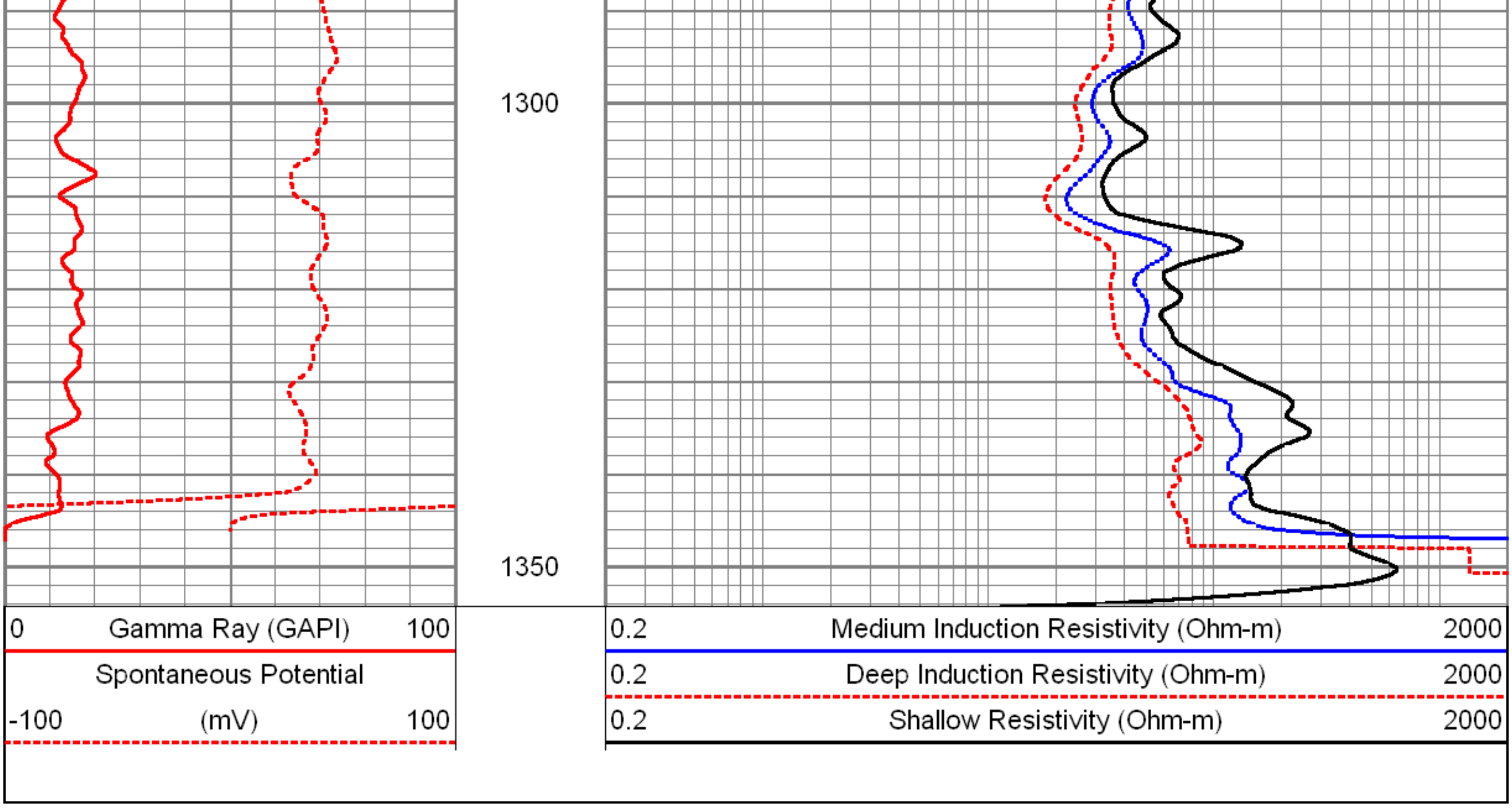
REPEAT PASS

Database File:	kisspof29.db
Dataset Pathname:	run3/DILRPFIN
Presentation Format:	dil
Dataset Creation:	Tue Dec 06 18:39:00 2011 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100
	Spontaneous Potential	
-100	(mV)	100

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000





Calibration Report

Database File:	kisspof29.db
Dataset Pathname:	run3/DILRPFIN
Dataset Creation:	Tue Dec 06 18:39:00 2011 by Calc Open-Cased 071220

Dual Induction Calibration Report

Serial-Model:	DIL2-GEAR
Surface Cal Performed:	Tue Oct 18 02:08:41 2011
Downhole Cal Performed:	Tue Nov 08 15:48:53 2011
After Survey Verification Performed:	Tue Nov 08 16:54:56 2011

Surface Calibration

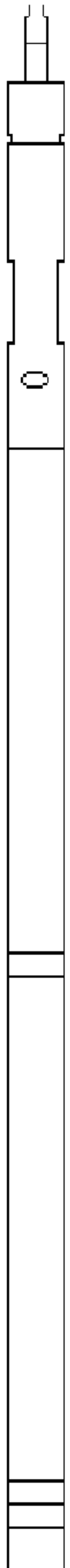
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.015	0.569	V	0.000	400.000	mmho-m	684.688	10.270
Medium	0.015	0.723	V	0.000	465.000	mmho-m	656.860	-9.853
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.635	V	0.000	400.000	mmho-m	637.070	-4.479
Medium	0.010	0.750	V	0.000	465.000	mmho-m	628.185	-6.138

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	5.933	439.536	mmho-m	7.717	445.844	mmho-m	1.010	1.722
Medium	-5.649	478.826	mmho-m	-4.578	482.836	mmho-m	1.006	1.105
Shallow	3.505	0.011	V	500.000	2.000	Ohm-m	142.556	0.403

After Survey Verification

Internal:	Readings Zero	Readings Cal		Targets Zero	Targets Cal		Results m'	Results b'
Deep	3.721	437.936	mmho-m	5.933	439.536	mmho-m	1.010	1.722
Medium	-25.488	485.515	mmho-m	-5.649	478.826	mmho-m	1.006	1.105
Shallow	499.938	1.991	Ohm-m	500.000	2.000	Ohm-m	1.000	0.008

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
SP	11.00					
CILD	10.50		DIL-GEAR (DIL2) GO_DIL/LL3/SP	21.25	3.50	150.00
CILM	7.00					
RLL3	2.00					

Dataset:	kisspof29.db: field/well/run3/DILMPFIN
Total Length:	22.25 ft
Total Weight:	155.00 lb
O.D.	3.50 in

X-Y CALIPER GAMMA RAY LOG

ALLWEBBS ENTERPRISES, INC.

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #29
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	06-DEC-2011		
Run Number	THREE		
Depth Driller	1350'		
Depth Logger	1350'		
Bottom Logged Interval	1350'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	CASING	300'				
TWO	28"	CASING	300'				
THREE	12.25"	CASING	1350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String				
Liner				

<<< Fold Here >>>

Comments

DHTVS
DIL/LL3/SP
BHC/SONIC/VDL

ALLWEBBS

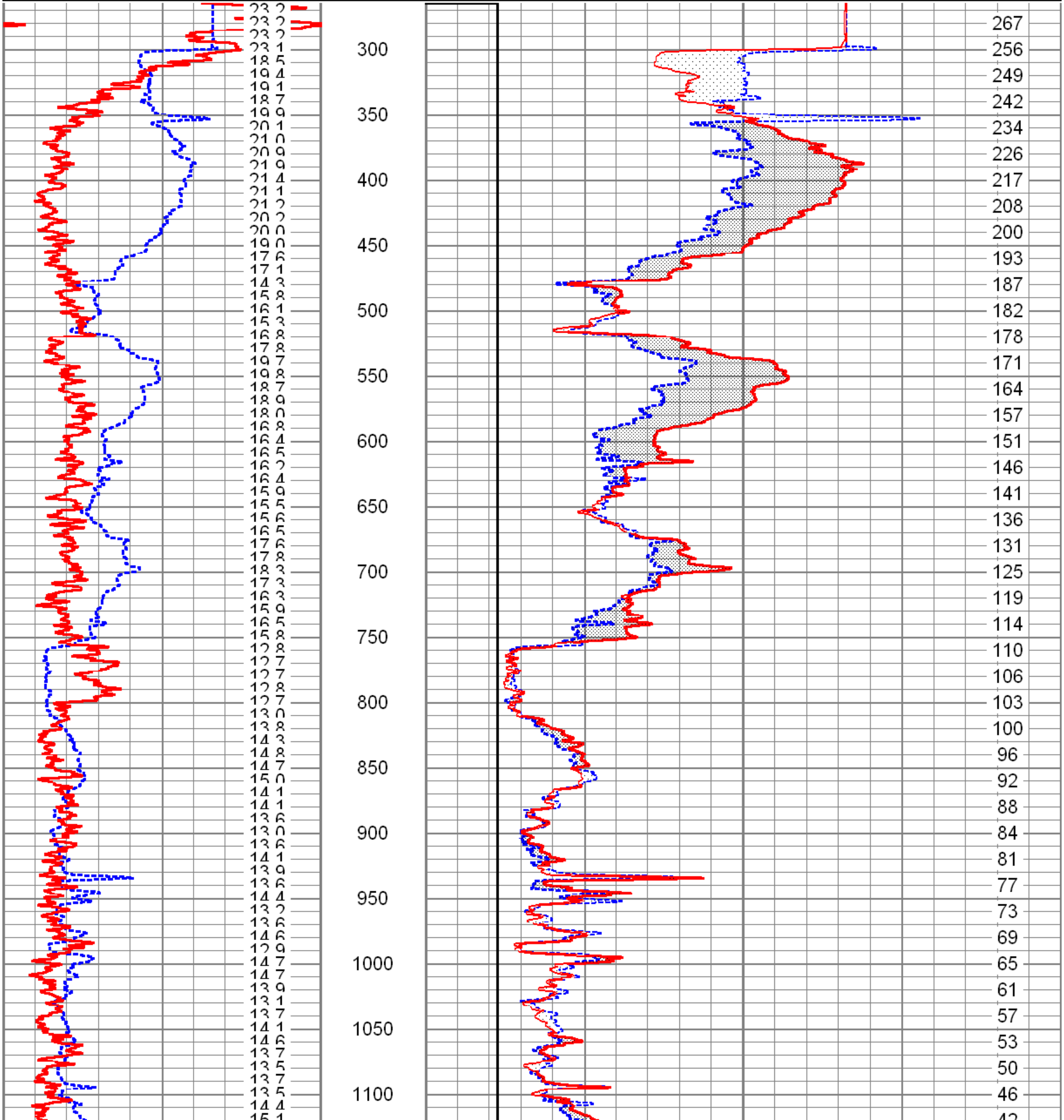
MAIN PASS

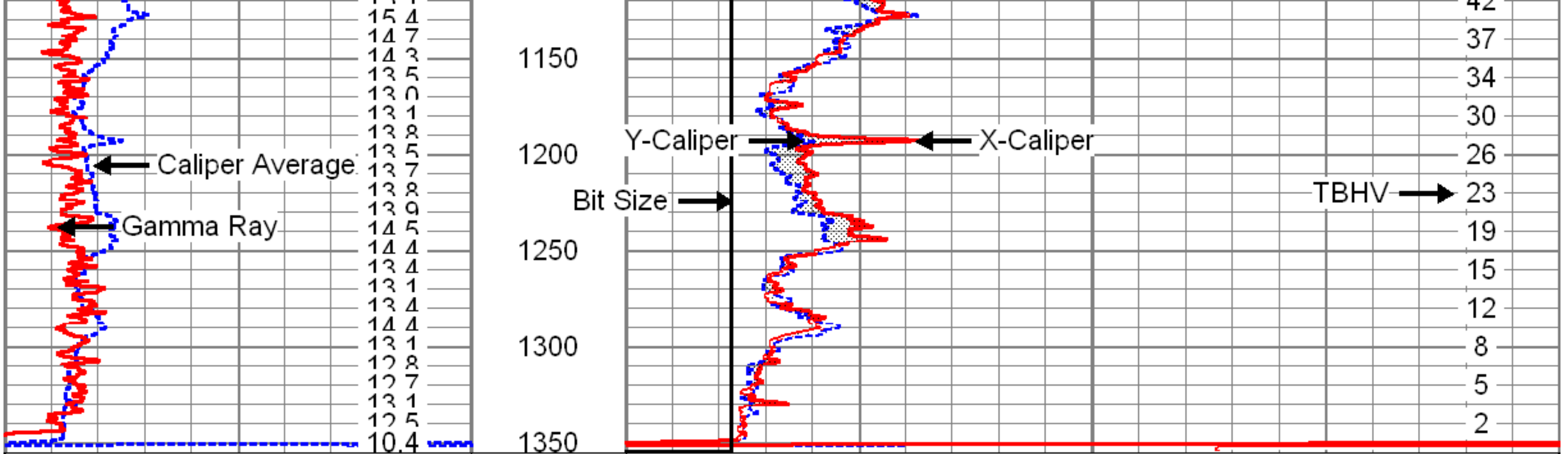
ENTERPRISES, INC.

Database File:	kisspof29.db
Dataset Pathname:	run3/XYCMP2
Presentation Format:	xyc
Dataset Creation:	Tue Dec 06 17:54:52 2011
Charted by:	Depth in Feet scaled 1:1200

10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	





10 Caliper Average (in) 30
0 Gamma Ray (GAPI) 100
CALA (in)

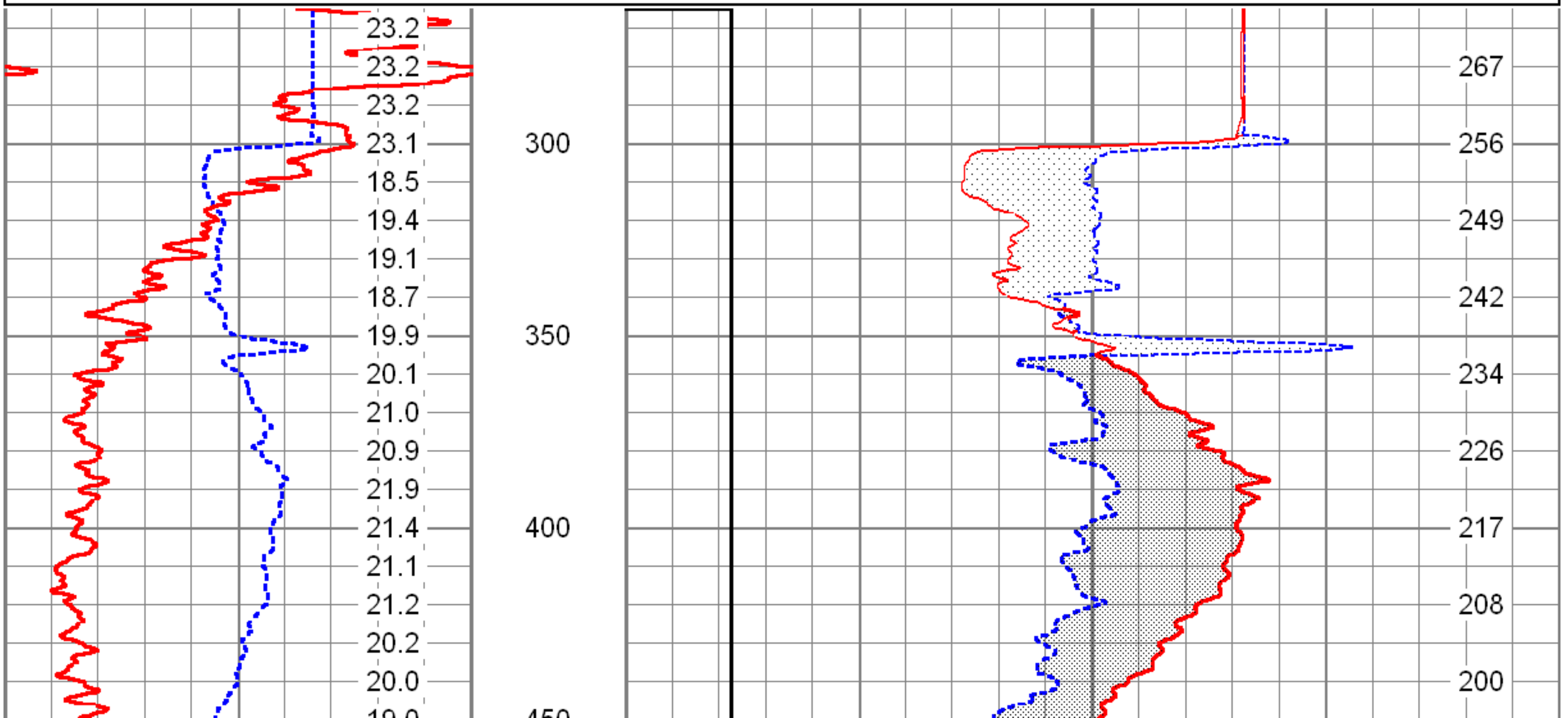
10 Y-Caliper (in) 30
10 X-Caliper (in) 30
10 Borehole ID (in) 30
TBHV (bbl)

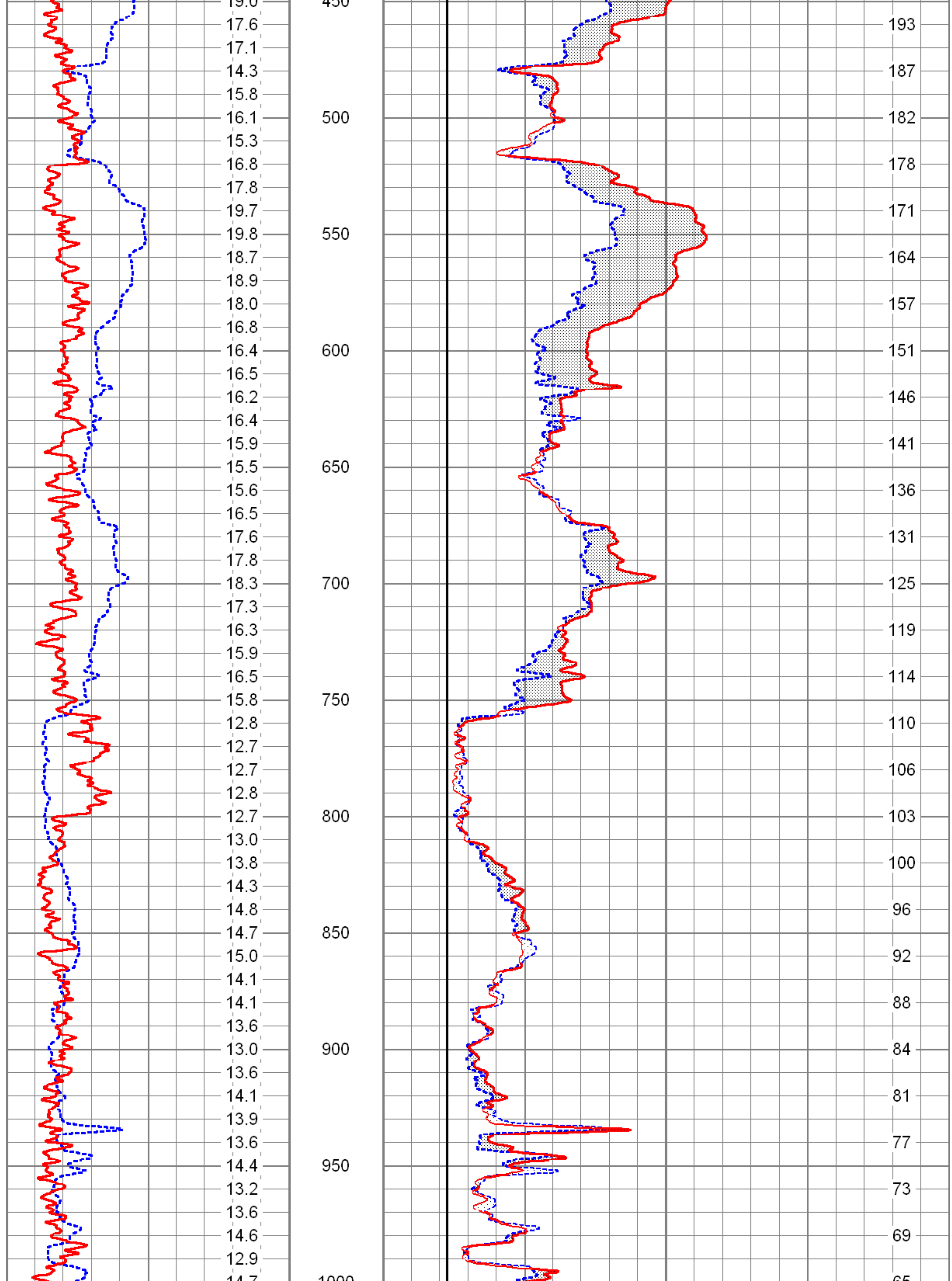
MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run3/XYCMP2
Presentation Format: xyc
Dataset Creation: Tue Dec 06 17:54:52 2011
Charted by: Depth in Feet scaled 1:600

10 Caliper Average (in) 30
0 Gamma Ray (GAPI) 100
CALA (in)

10 Y-Caliper (in) 30
10 X-Caliper (in) 30
10 Borehole ID (in) 30
TBHV (bbl)





17.6
17.1
14.3
15.8
16.1
15.3
16.8
17.8
19.7
19.8
18.7
18.9
18.0
16.8
16.4
16.5
16.2
16.4
15.9
15.5
15.6
16.5
17.6
17.8
18.3
17.3
16.3
15.9
16.5
15.8
12.8
12.7
12.7
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12.7
13.0
13.8
14.3
14.8
14.7
15.0
14.1
14.1
13.6
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14.1
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14.4
13.2
13.6
14.6
12.9
500
550
600
650
700
750
800
850
900
950
193
187
182
178
171
164
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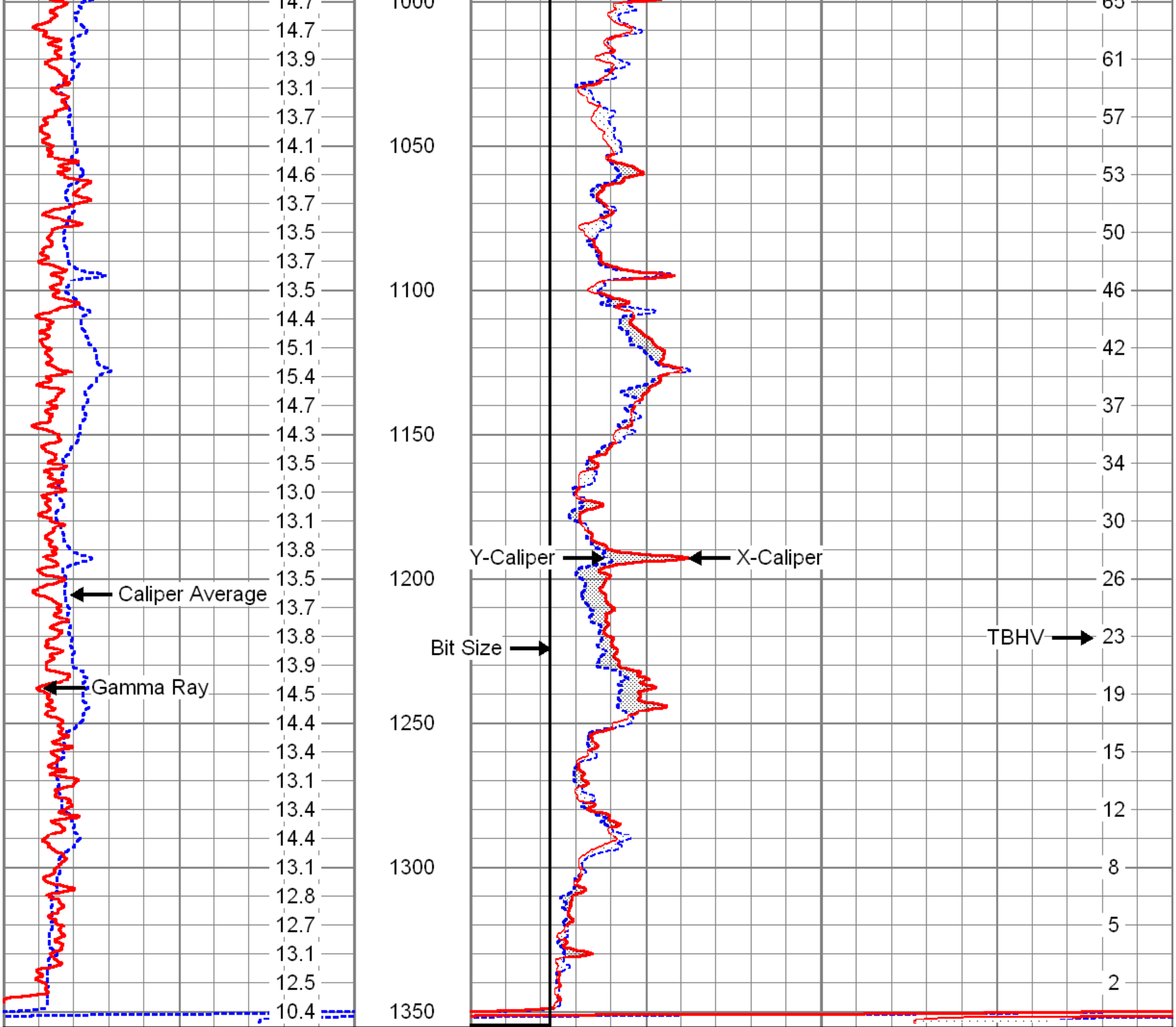


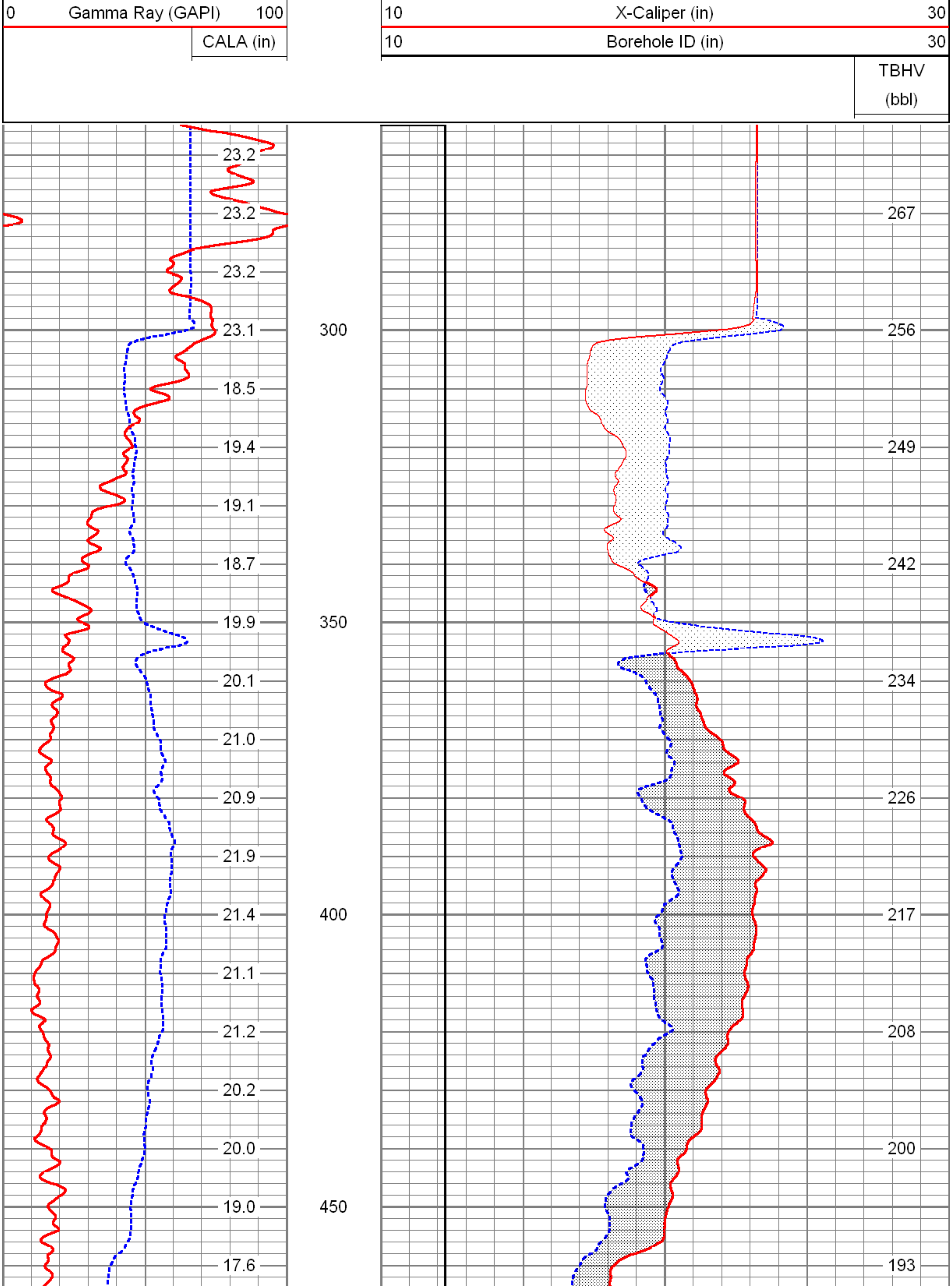
10	Caliper Average (in)	30	10	Y-Caliper (in) 30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in) 30
	CALA (in)		10	Borehole ID (in) 30
				TBHV (bbl)

ALLWEBBS ENTERPRISES, INC.

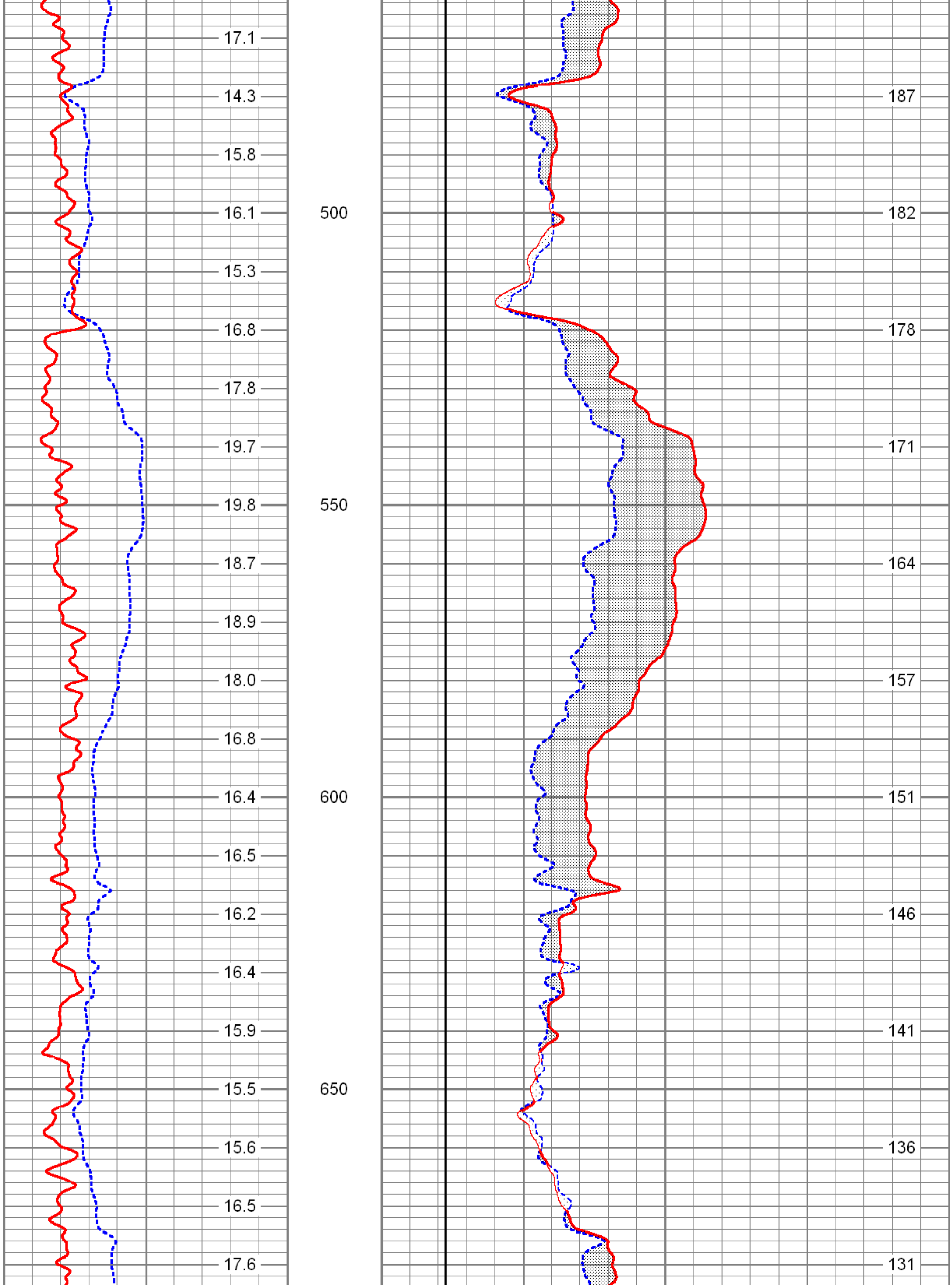
MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run3/XYCMP2
Presentation Format: xyc
Dataset Creation: Tue Dec 06 17:54:52 2011
Charted by: Depth in Feet scaled 1:240

10	Caliper Average (in)	30	10	Y-Caliper (in) 30



0 Gamma Ray (GAPI) 100
CALA (in)
10 X-Caliper (in) 30
10 Borehole ID (in) 30
TBHV (bbl)
23.2
23.2
23.2
23.1
18.5
19.4
19.1
18.7
19.9
20.1
21.0
20.9
21.9
21.4
21.1
21.2
20.2
20.0
19.0
17.6
300
350
400
450
267
256
249
242
234
226
217
208
200
193


17.1
14.3
15.8
16.1
15.3
16.8
17.8
19.7
19.8
18.7
18.9
18.0
16.8
16.4
16.5
16.2
16.4
15.9
15.5
15.6
16.5
17.6
500
550
600
650
187
182
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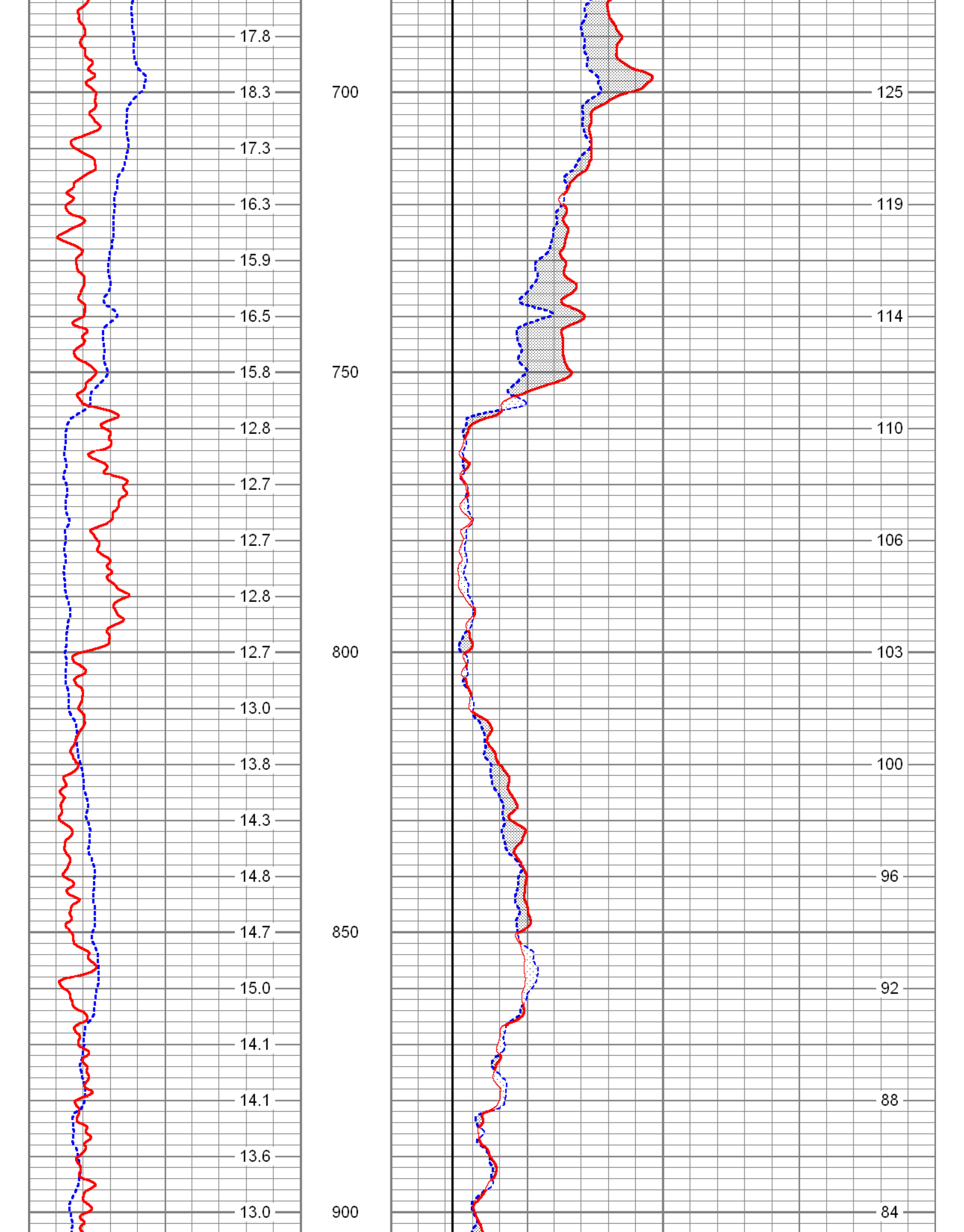
171
164
157
151
146
141
136
131


17.8
18.3
700
125
17.3
16.3
119
15.9
16.5
114
15.8
750
12.8
110
12.7
12.7
106
12.8
12.7
800
103
13.0
13.8
100
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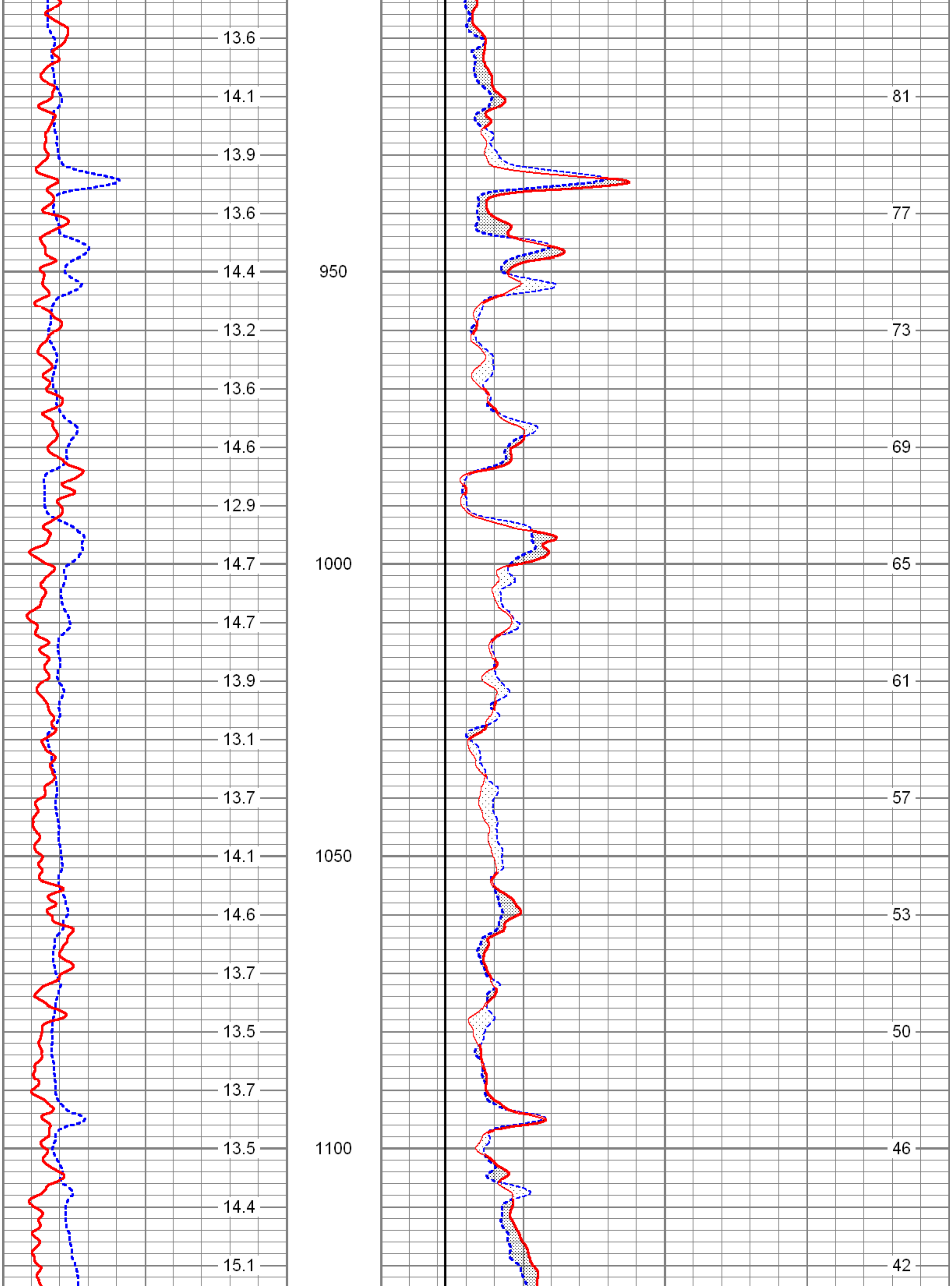
96
14.7
850
15.0
92
14.1
14.1
88
13.6
13.0
900
84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13.9
13.6
14.4
950
13.2
13.6
14.6
12.9
14.7
1000
14.7
13.9
13.1
13.7
14.1
1050
14.6
13.7
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15.1
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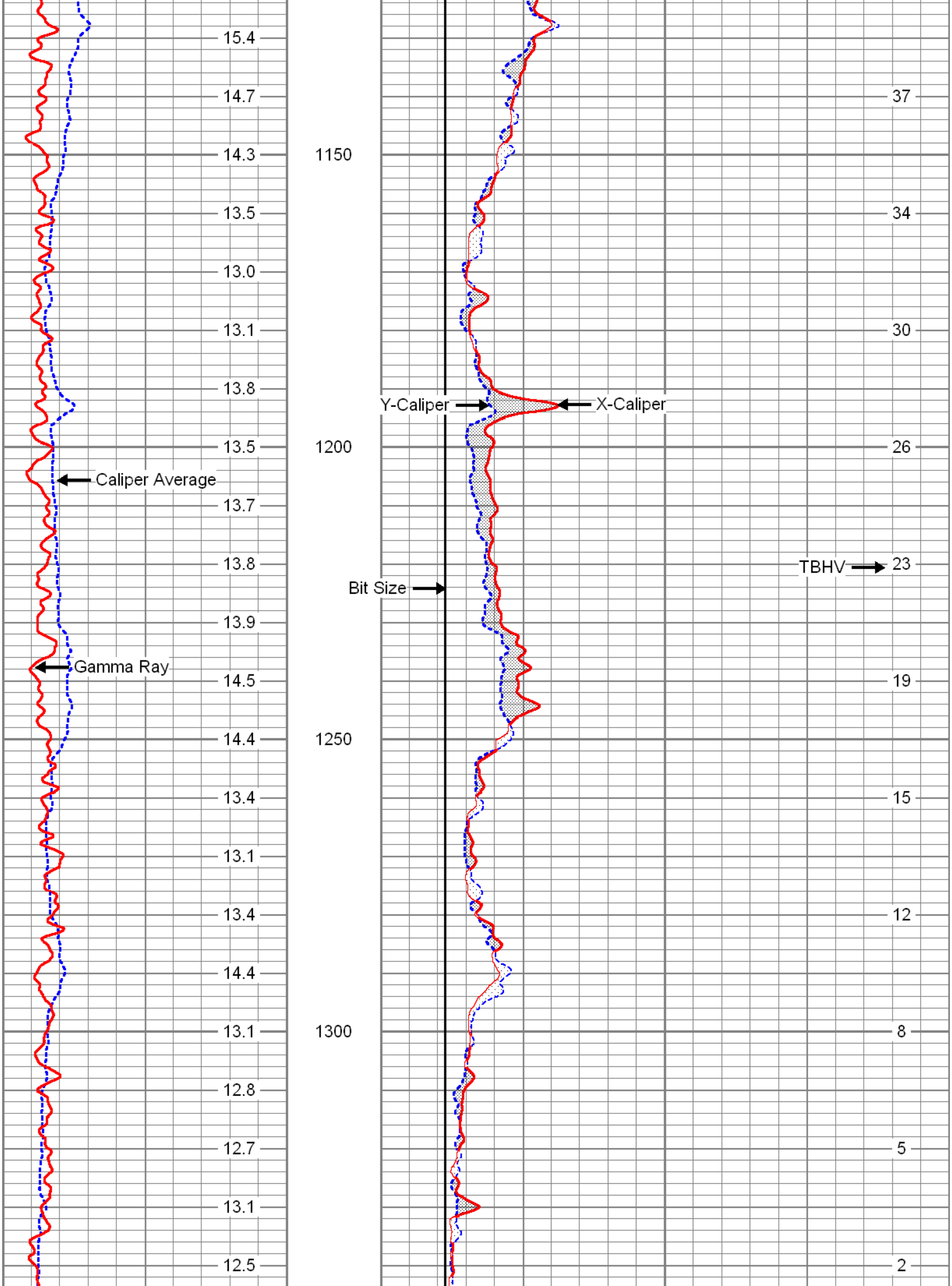
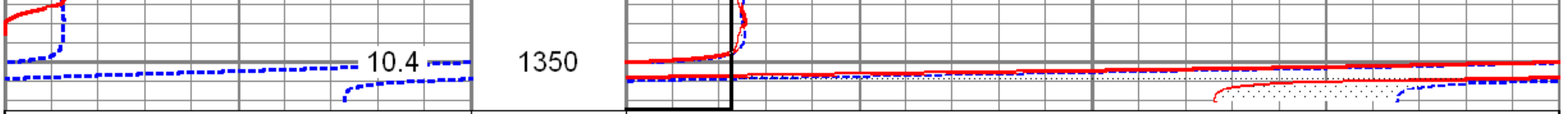
46
42



15.4
14.7
1150
14.3
13.5
34
13.0
13.1
30
13.8
Y-Caliper
X-Caliper
1200
13.5
26
Caliper Average
13.7
13.8
TBHV
23
Bit Size
13.9
Gamma Ray
14.5
19
1250
14.4
13.4
15
13.1
13.4
12
14.4
1300
13.1
8
12.8
12.7
5
13.1
12.5
2
37

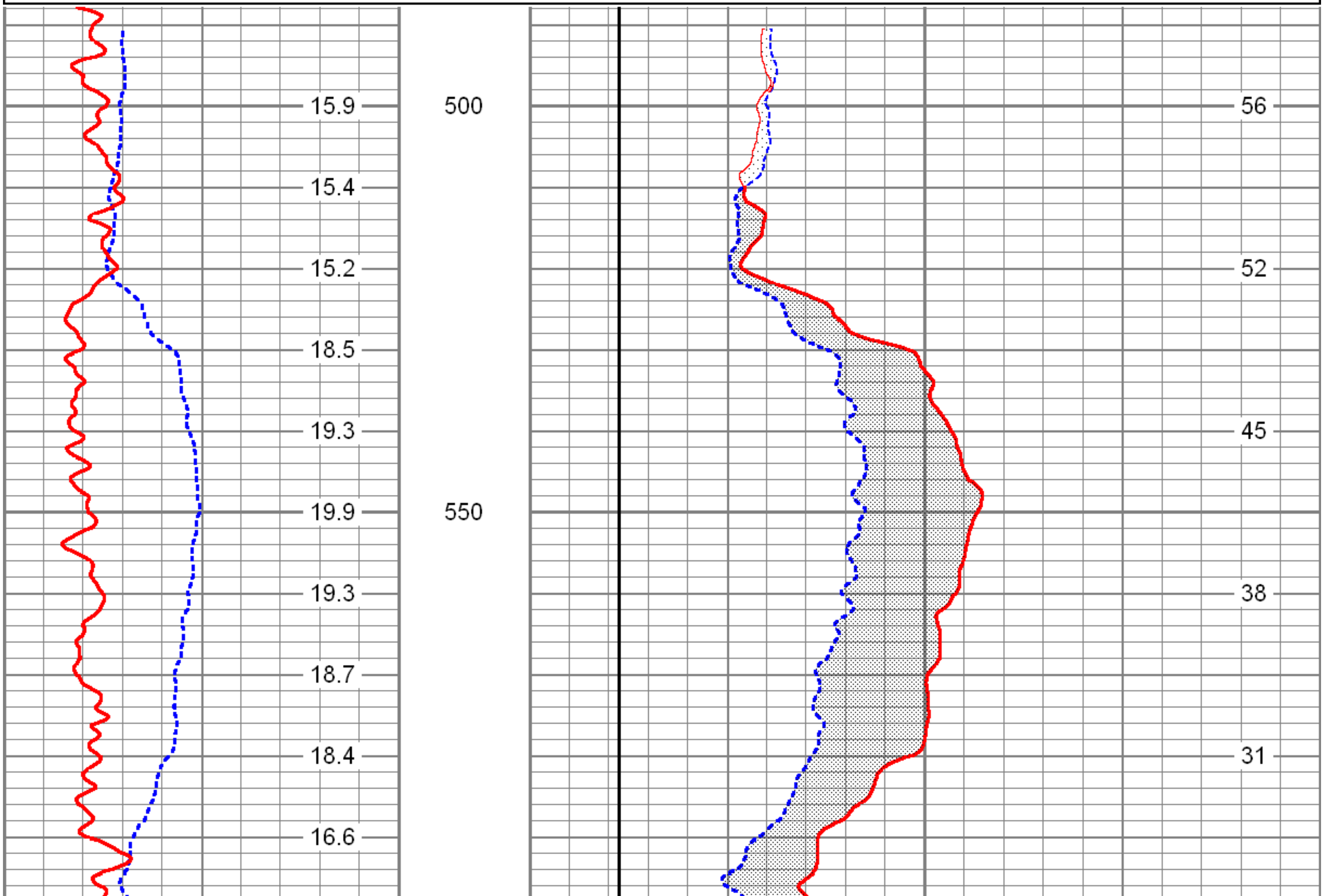


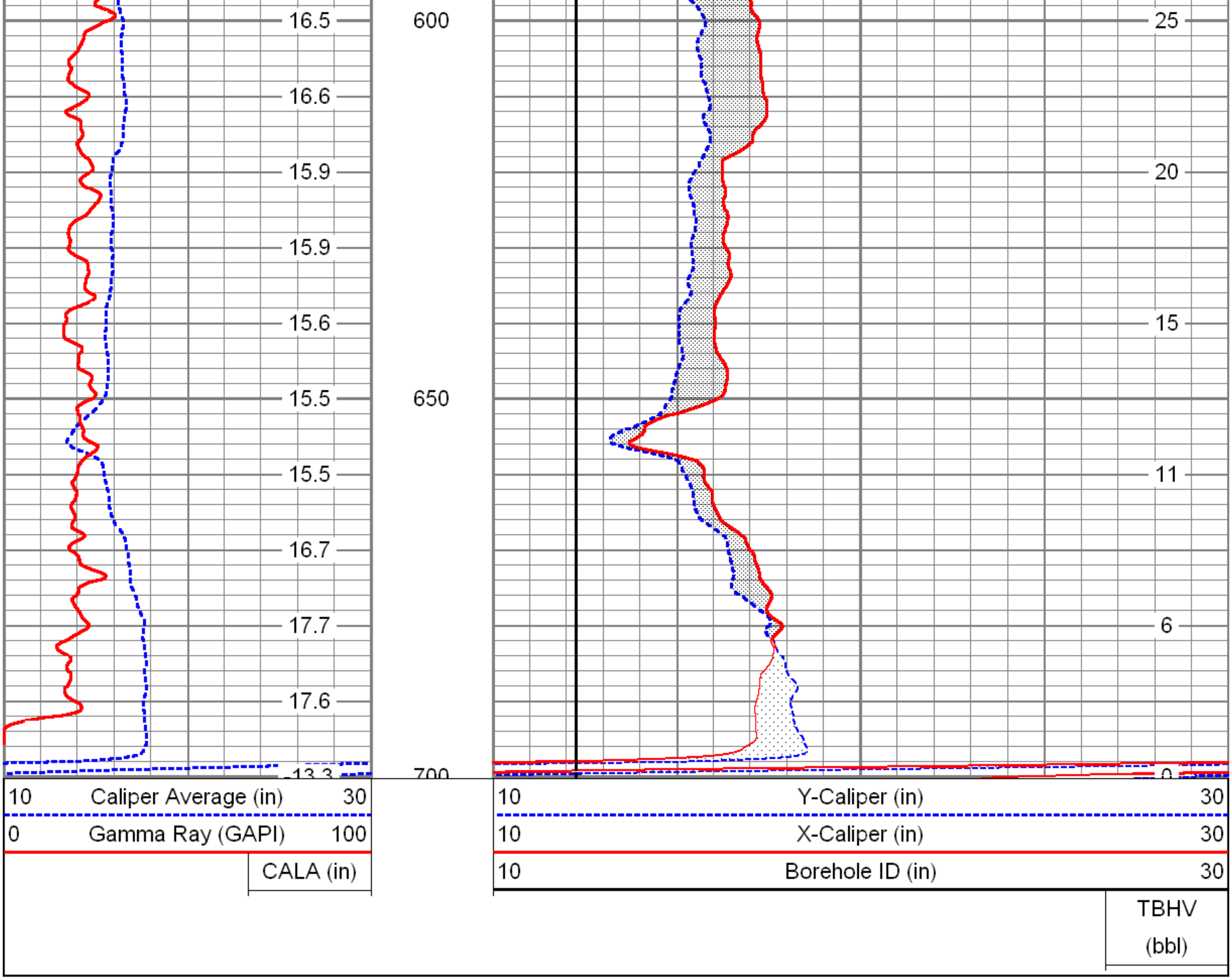
10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
	CALA (in)		10	Borehole ID (in)	30
				TBHV (bbl)	

REPEAT PASS

Database File: kisspof29.db
Dataset Pathname: run3/XYCRP
Presentation Format: xyc
Dataset Creation: Tue Dec 06 16:54:13 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
	CALA (in)		10	Borehole ID (in)	30
				TBHV (bbl)	





Calibration Report

Database File: kisspof29.db
Dataset Pathname: run3/XYCMP
Dataset Creation: Tue Dec 06 16:30:10 2011 by Log Open-Cased 071220

XY Caliper Calibration Report

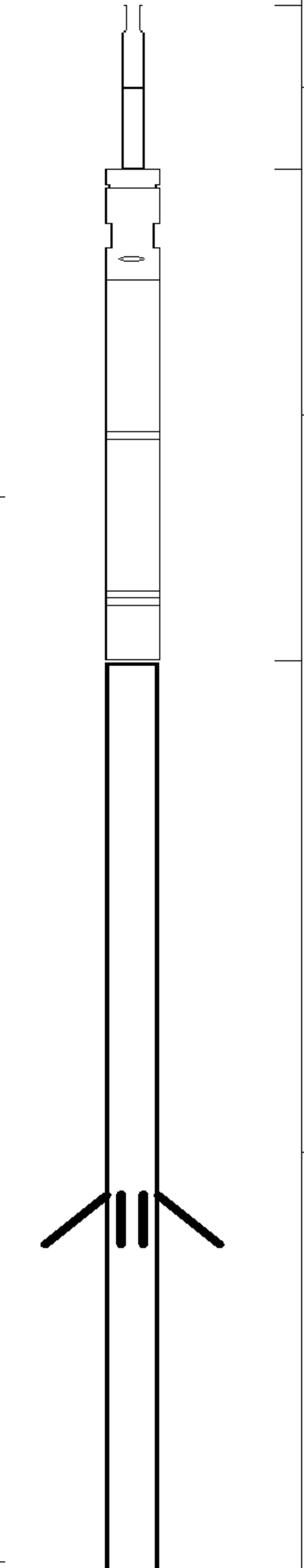
Serial Number/Model: SDSDEMO-XY
Performed: Tue Dec 06 16:15:31 2011

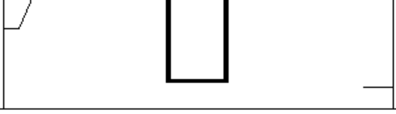
Ring			X Caliper		Y Caliper	
1:	10	in	395	cps	373.152	cps
2:	20	in	539.243	cps	531.892	cps
3:	23.25	in	606	cps	585	cps
4:	30	in	709.565	cps	699.891	cps
5:	40	in	897.717	cps	901.522	cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number: SDS
Tool Model: SDSGR
Performed: Tue Dec 06 16:27:01 2011

Calibrator Value:	120.0	GAPI
Background Reading:	117.8	cps
Calibrator Reading:	585.1	cps
Sensitivity:	0.2568	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			GR-SDSGR (SDS) GR for Testing	3.00	1.69	20.00
GR	7.00					
			XYC-XY (SDSDEMO) LGL_XYC_MM	6.00	3.50	100.00
XCAL	0.50					

XCAL YCAL	0.50 0.50					

Dataset:	kisspof29.db: field/well/run3/XYCMP
Total Length:	10.00 ft
Total Weight:	125.00 lb
O.D.	3.50 in

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #29
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

BOREHOLE COMPENSATED SONIC/VDL LOG

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #29
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE COMMENTS

Permanent Datum PAD Elevation
Log Measured From PAD
Drilling Measured From PAD

Elevation
K.B.
D.F.
G.L.

Date	23-JAN-2012		
Run Number	FIVE		
Depth Driller	1685'		
Depth Logger	1685'		
Bottom Logged Interval	1685'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	83.6 DEGF.		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	CASING	300'	SIX	12.25"	1685'	CASING
TWO	28"	CASING	300'				
THREE	12.25"	CASING	1350'				
FOUR	23.25"	CASING	1350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String	18"	.375 W.T	SURFACE	1357'
Liner				

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Comments

FCT
XYC/GR
DIL/LL3/SP
FLOWMETER
DHTVS

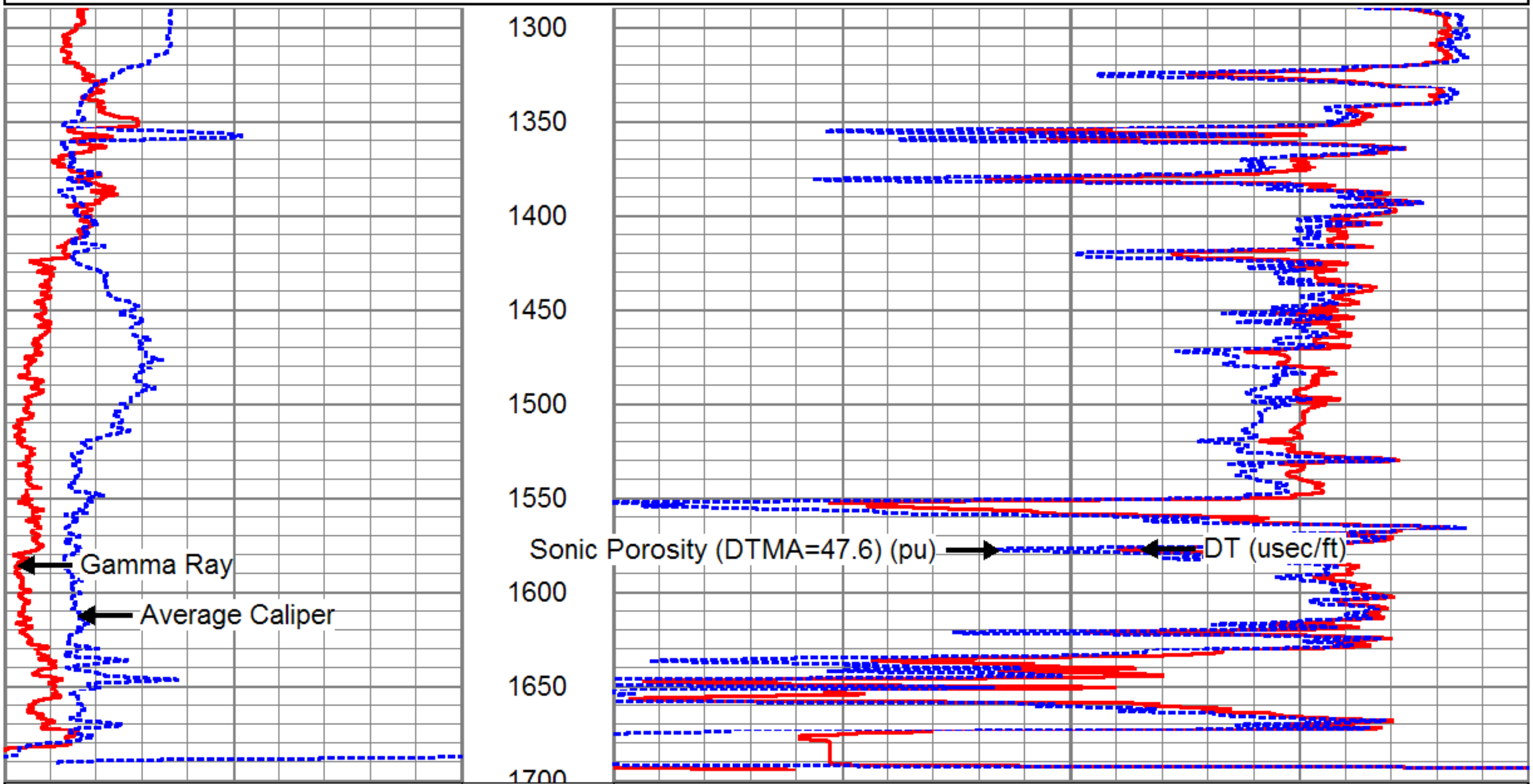
ALLWEBBS

MAIN PASS

ENTERPRISES, INC.

Database File: kisspof29.db
Dataset Pathname: run5/BHCMP
Presentation Format: bhc_por
Dataset Creation: Sun Jan 22 14:46:13 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:1200

0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
10	Average Caliper (in)	30	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0



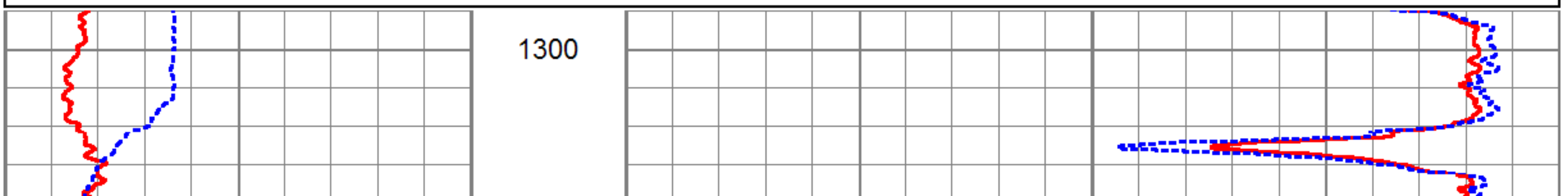
0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
10	Average Caliper (in)	30	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0

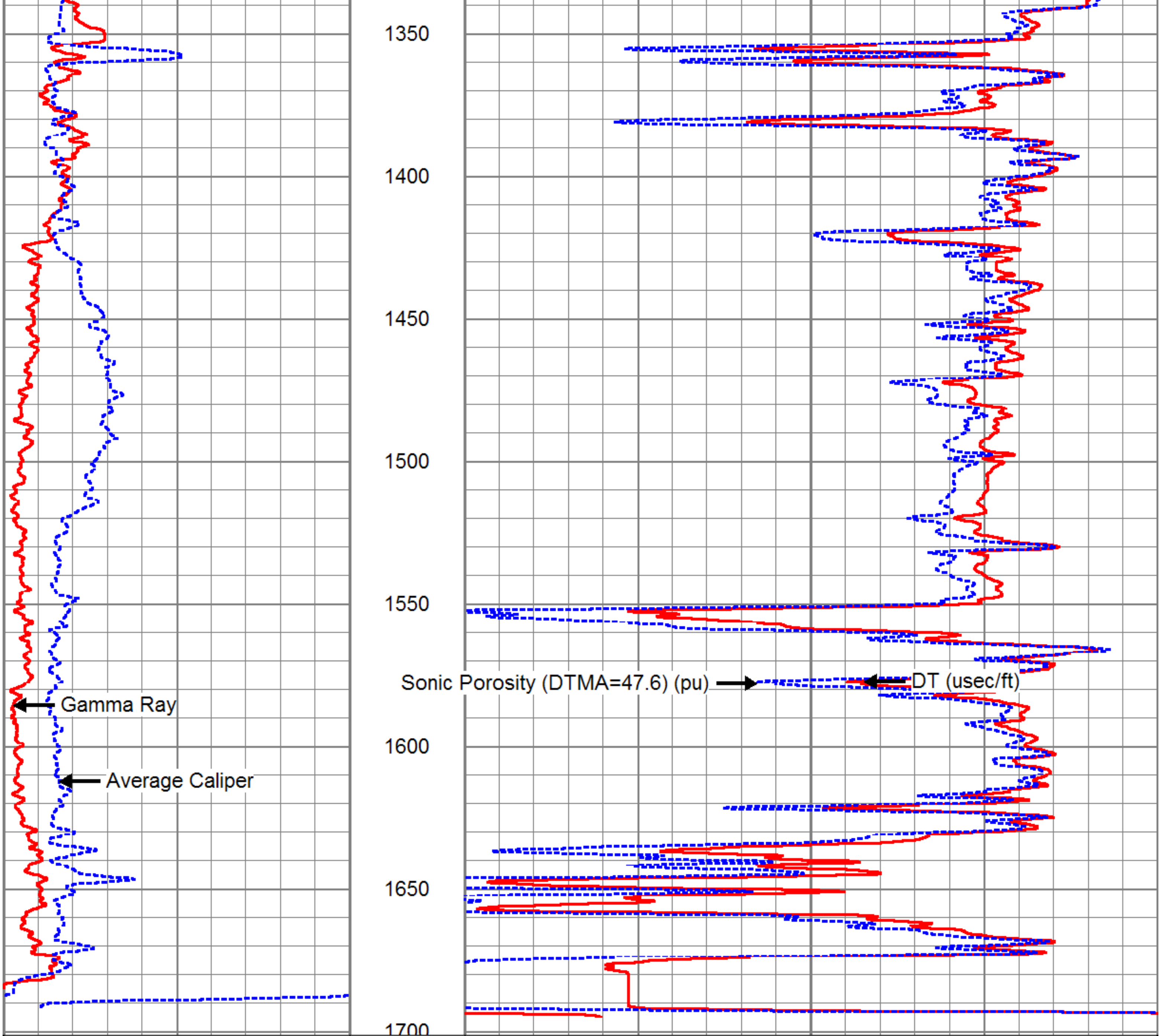
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run5/BHCMP
Presentation Format: bhc_por
Dataset Creation: Sun Jan 22 14:46:13 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (api) (GAPI)	100	240	DT (usec/ft) (usec/ft)	40
10	Average Caliper (in)	30	100	Sonic Porosity (DTMA=47.6) (pu) (pu)	0



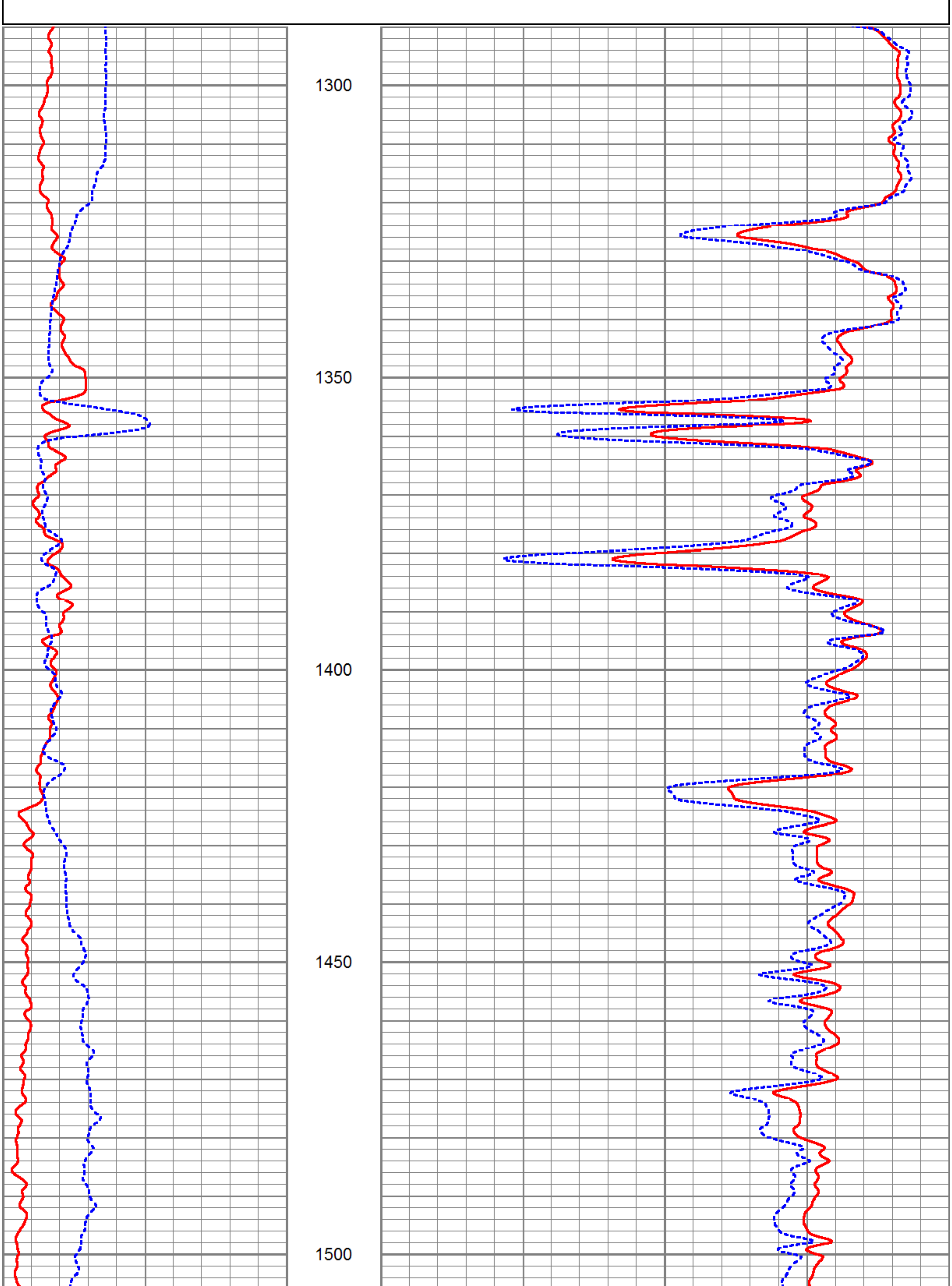


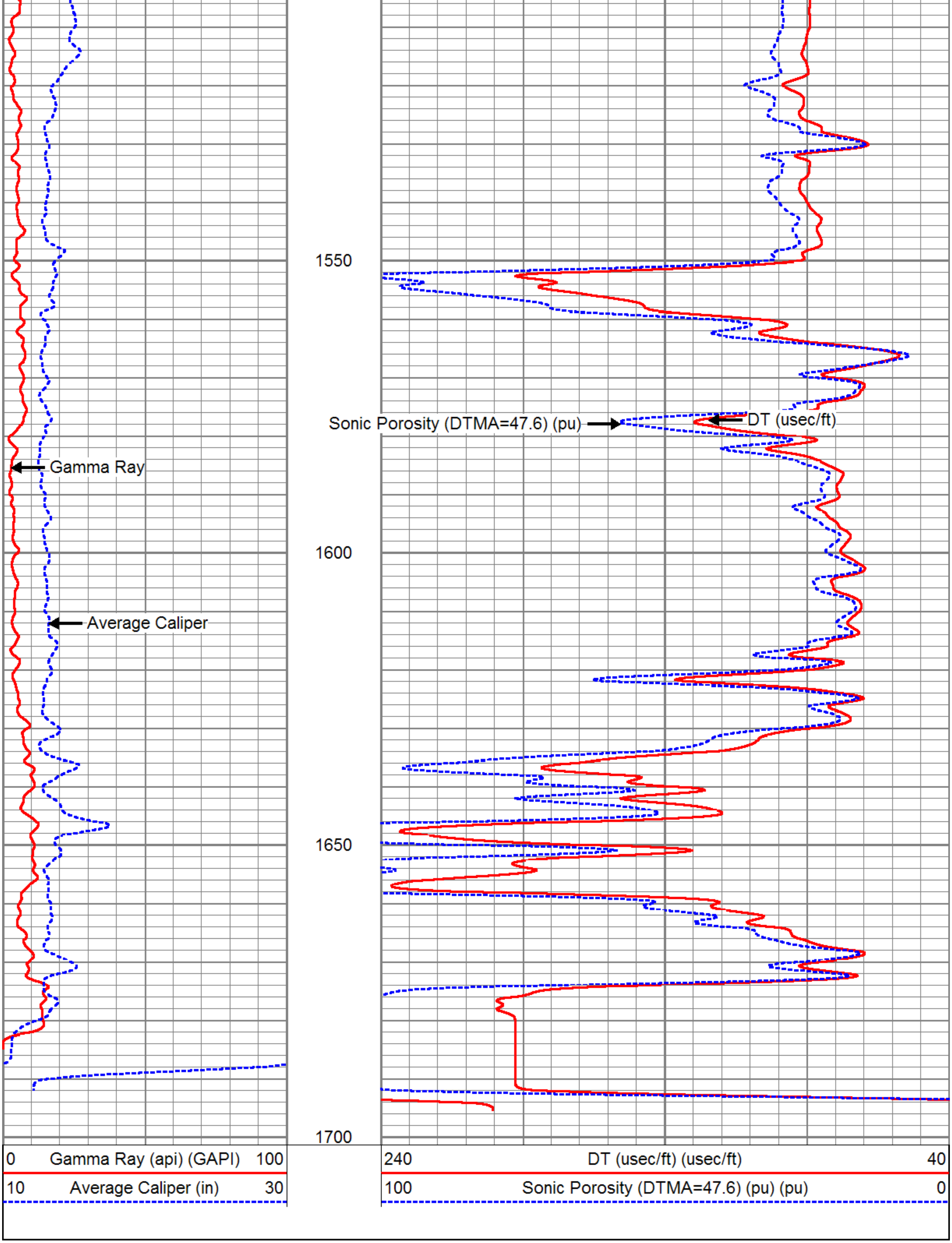
0 Gamma Ray (api) (GAPI) 100		240 DT (usec/ft) (usec/ft)	40
10 Average Caliper (in) 30		100 Sonic Porosity (DTMA=47.6) (pu) (pu)	0

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run5/BHCMP
Presentation Format: bhc_por
Dataset Creation: Sun Jan 22 14:46:13 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (api) (GAPI) 100		240 DT (usec/ft) (usec/ft)	40
10 Average Caliper (in) 30		100 Sonic Porosity (DTMA=47.6) (pu) (pu)	0


1300
1350
1400
1450
1500


1550
1600
1650
1700
Gamma Ray
Average Caliper
Sonic Porosity (DTMA=47.6) (pu)
DT (usec/ft)
0
Gamma Ray (api) (GAPI)
100
10
Average Caliper (in)
30
240
DT (usec/ft) (usec/ft)
40
100
Sonic Porosity (DTMA=47.6) (pu) (pu)
0

ALLWEBBS ENTERPRISES, INC.

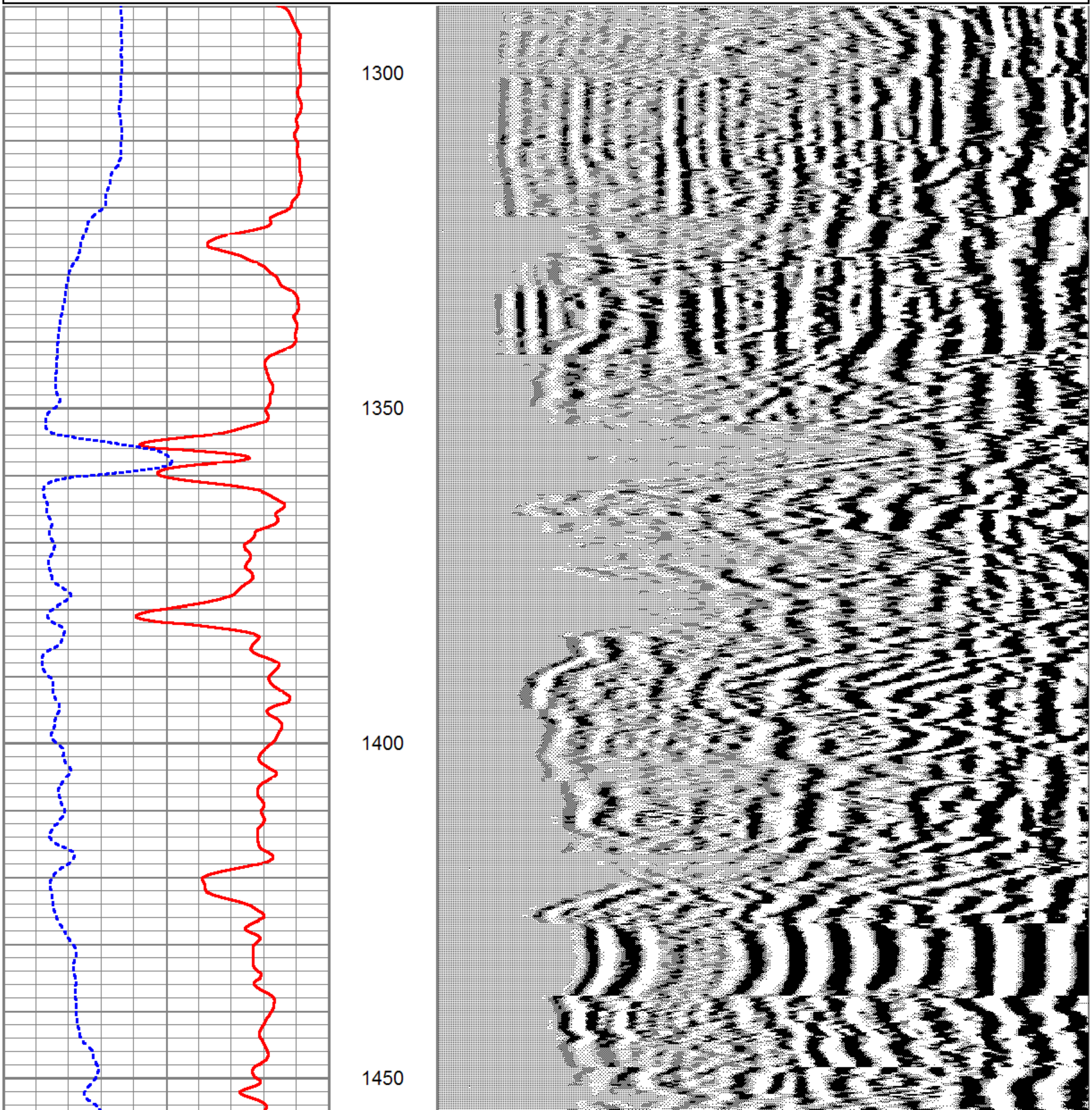
MAIN PASS

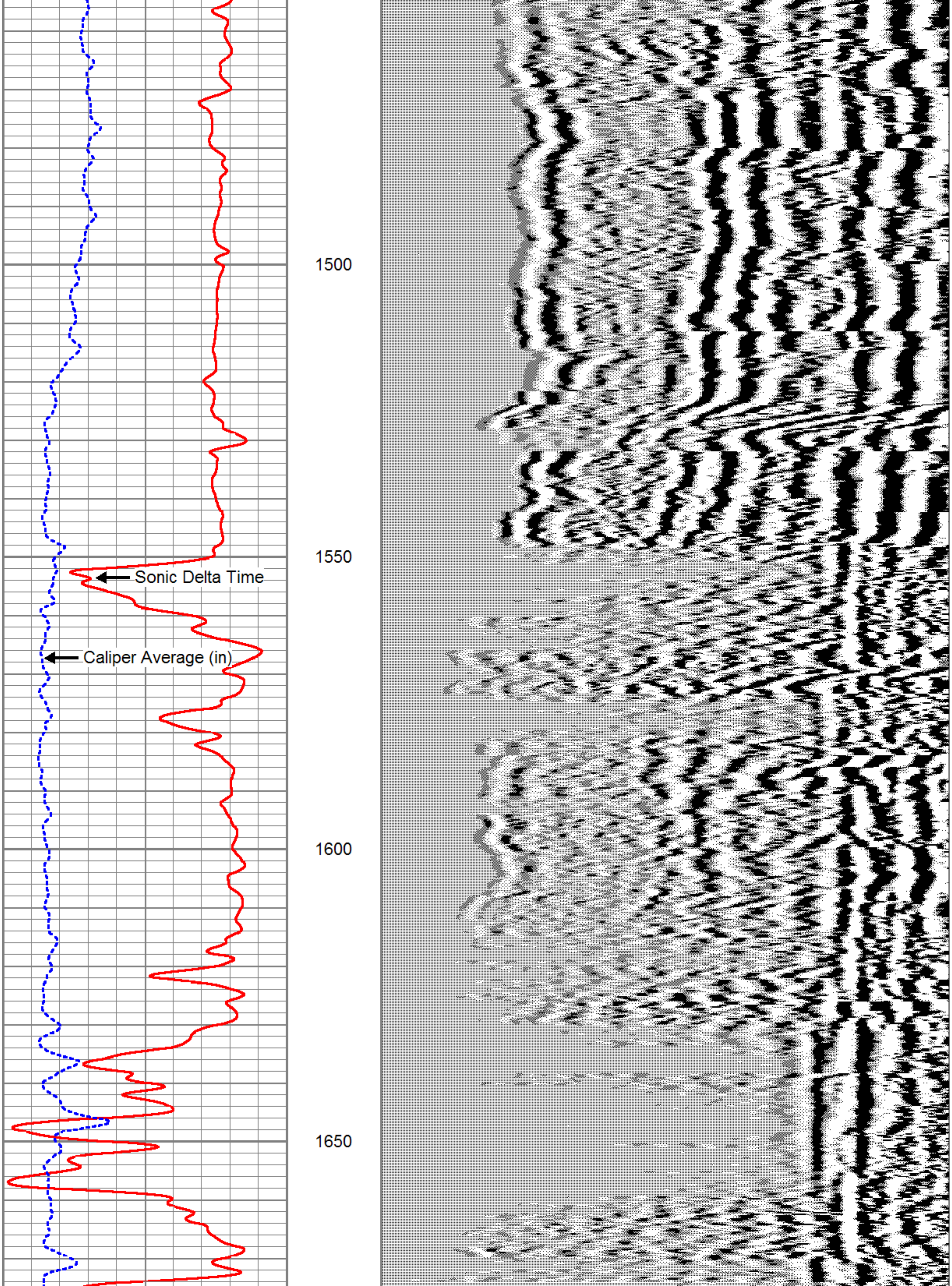
Database File:	kisspof29.db
Dataset Pathname:	run5/BHCMP
Presentation Format:	bhc
Dataset Creation:	Sun Jan 22 14:46:13 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

240 Sonic Delta Time (usec/ft) 40

10 Caliper Average (in) (in) 30

400 WVF4 1400





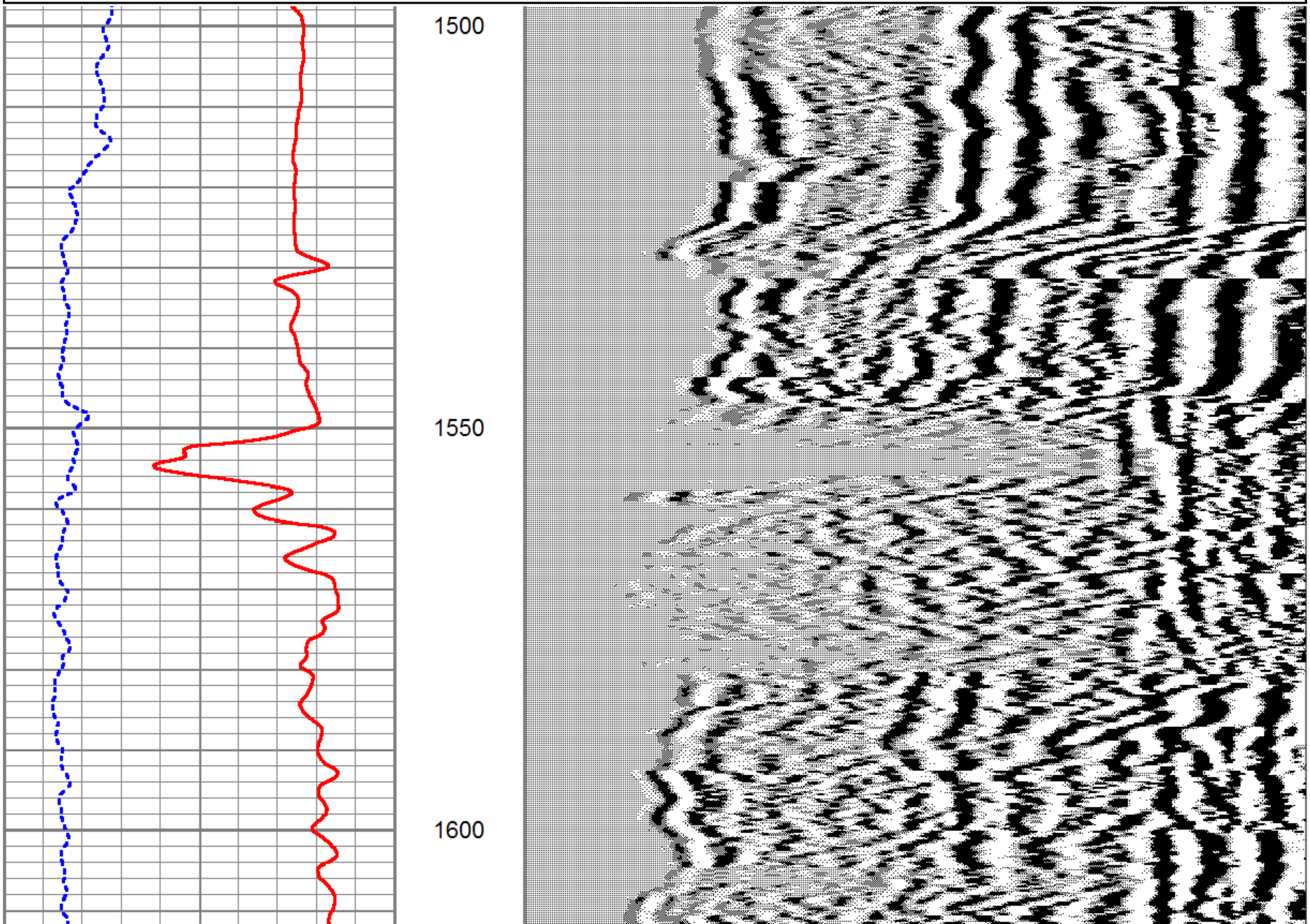
1500
1550
Sonic Delta Time
Caliper Average (in)
1600
1650

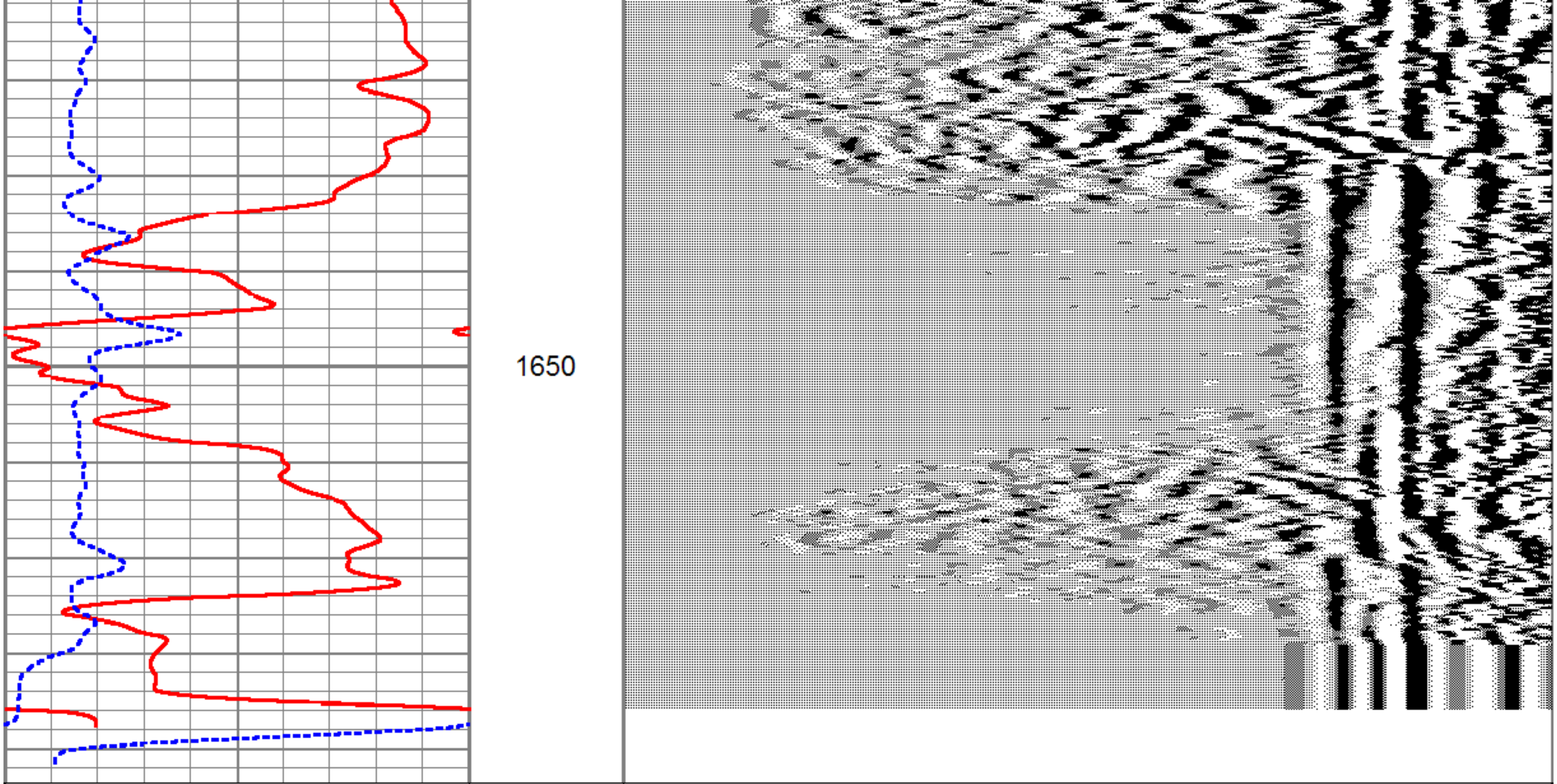
240 Sonic Delta Time (usec/ft) 40	400 WVF4 1400
10 Caliper Average (in) (in) 30	

REPEAT PASS

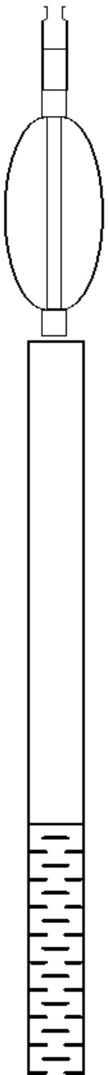
Database File: kisspof29.db
Dataset Pathname: run5/BHCRP
Presentation Format: bhc
Dataset Creation: Sun Jan 22 14:38:33 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

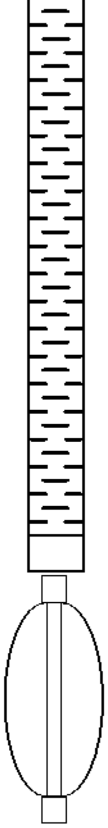
240 Sonic Delta Time (usec/ft) 40	400 WVF4 1400
10 Caliper Average (in) (in) 30	





240 Sonic Delta Time (usec/ft) 40	400 WVF4 1400
10 Caliper Average (in) (in) 30	

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CENCBL Centralizer CENCBL	3.00	1.44	10.69
WVF1	13.50					
			SLT-GEAR (SLT1) G0_BHC	15.71	3.50	140.00



WVF2	8.67				
WVF4	7.67				
WVF3	3.00				
		CENCBL Centralizer CENCBL	3.00	1.44	10.69

Dataset:	kisspof29.db: field/well/run5/BHCMP
Total Length:	22.71 ft
Total Weight:	166.38 lb
O.D.	3.50 in

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

DUAL INDUCTION LL3/SP LOG

Company SOUTH FLORIDA MGT. DISTRICT

Well POF #29

Field KISSIMMEE BASIN (LFA)

County POLK State FLORIDA

Location: API # :

Other Services SEE COMMENTS

SEC TWP RGE

Permanent Datum PAD Elevation

Log Measured From PAD

Drilling Measured From PAD

Elevation K.B. D.F. G.L.

Date	23-JAN-2012			
Run Number	FIVE			
Depth Driller	1685'			
Depth Logger	1685'			
Bottom Logged Interval	1685'			
Top Log Interval	CASING			
Open Hole Size	12.25"			
Type Fluid	WATER			
Density / Viscosity	NA			
Max. Recorded Temp.	83.6 DEGF.			
Estimated Cement Top	NA			
Time Well Ready	00:00			
Time Logger on Bottom	00:00			
Equipment Number	VA-202			
Location	JUPITER			
Recorded By	LEE			
Witnessed By				

Borehole Record

Run Number	Bit	From	To
ONE	12.25"	CASING	300'
TWO	28"	CASING	300'
THREE	12.25"	CASING	1350'
FOUR	23.25"	CASING	1350'

Borehole Record

Run Number	Bit	From	To
SIX	12.25"	1685'	CASING

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String	18"	.375 W.T	SURFACE	1357'
Liner				

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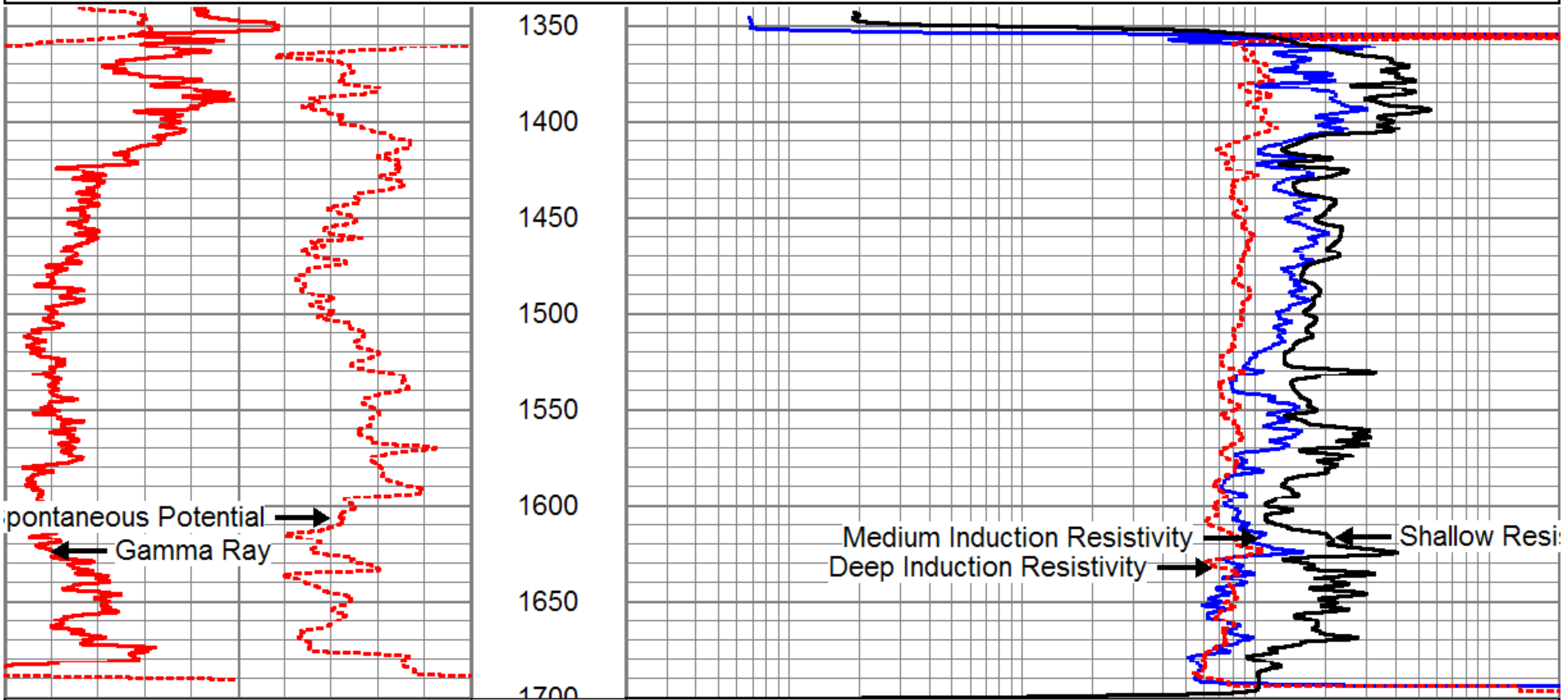
Comments

FCT
XYC/GR
BHC/SONIC/VDL
FLOWMETER
DHTVS

MAIN PASS

Database File:	kisspof29.db
Dataset Pathname:	run5/DILMP1
Presentation Format:	dil
Dataset Creation:	Sun Jan 22 14:09:41 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:1200

0 Gamma Ray (GAPI) 50	0.2 Medium Induction Resistivity (Ohm-m) 2000
Spontaneous Potential	0.2 Deep Induction Resistivity (Ohm-m) 2000
-100 (mV) 100	0.2 Shallow Resistivity (Ohm-m) 2000



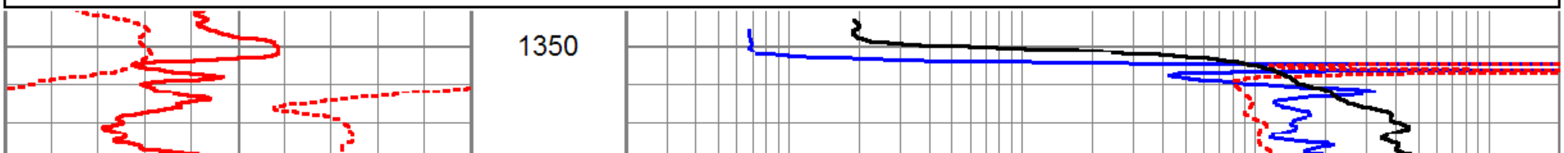
0 Gamma Ray (GAPI) 50	0.2 Medium Induction Resistivity (Ohm-m) 2000
Spontaneous Potential	0.2 Deep Induction Resistivity (Ohm-m) 2000
-100 (mV) 100	0.2 Shallow Resistivity (Ohm-m) 2000

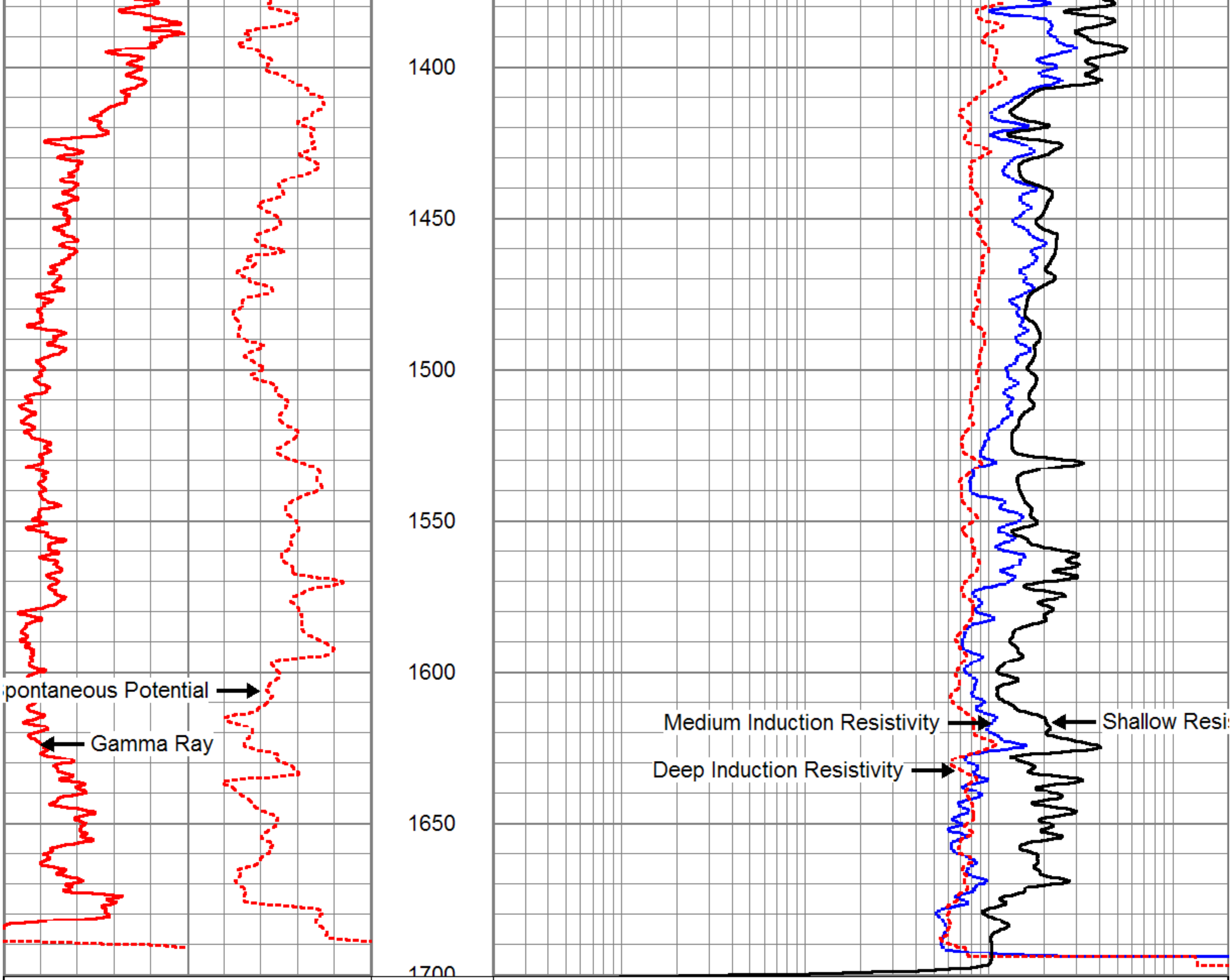
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File:	kisspof29.db
Dataset Pathname:	run5/DILMP1
Presentation Format:	dil
Dataset Creation:	Sun Jan 22 14:09:41 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 50	0.2 Medium Induction Resistivity (Ohm-m) 2000
Spontaneous Potential	0.2 Deep Induction Resistivity (Ohm-m) 2000
-100 (mV) 100	0.2 Shallow Resistivity (Ohm-m) 2000





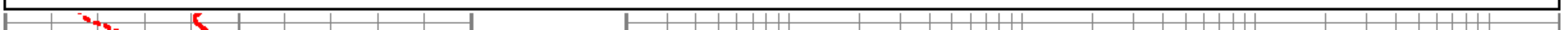
0	Gamma Ray (GAPI)	50		0.2	Medium Induction Resistivity (Ohm-m)	2000
	Spontaneous Potential			0.2	Deep Induction Resistivity (Ohm-m)	2000
-100	(mV)	100		0.2	Shallow Resistivity (Ohm-m)	2000

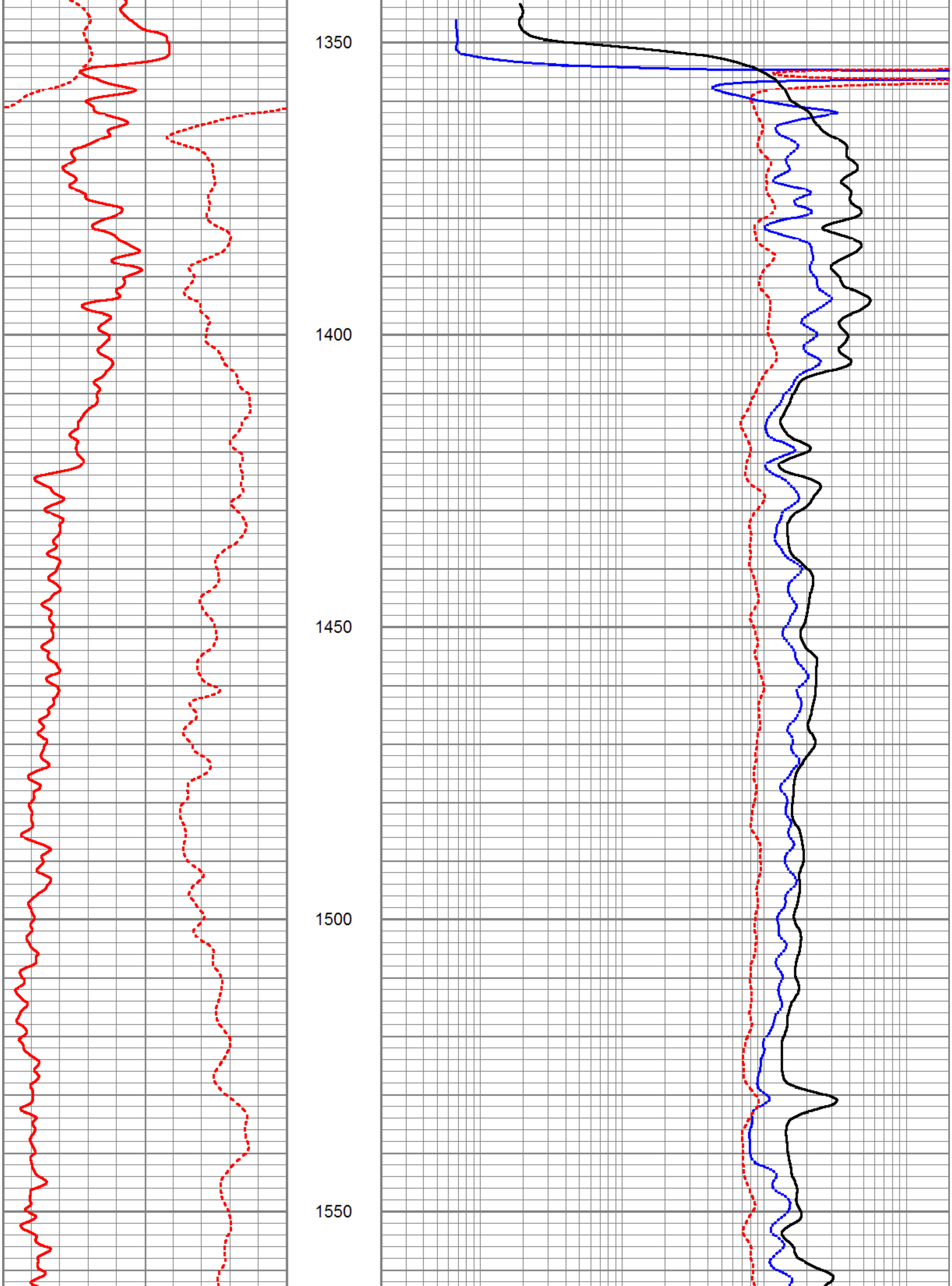
ALLWEBBS ENTERPRISES, INC.

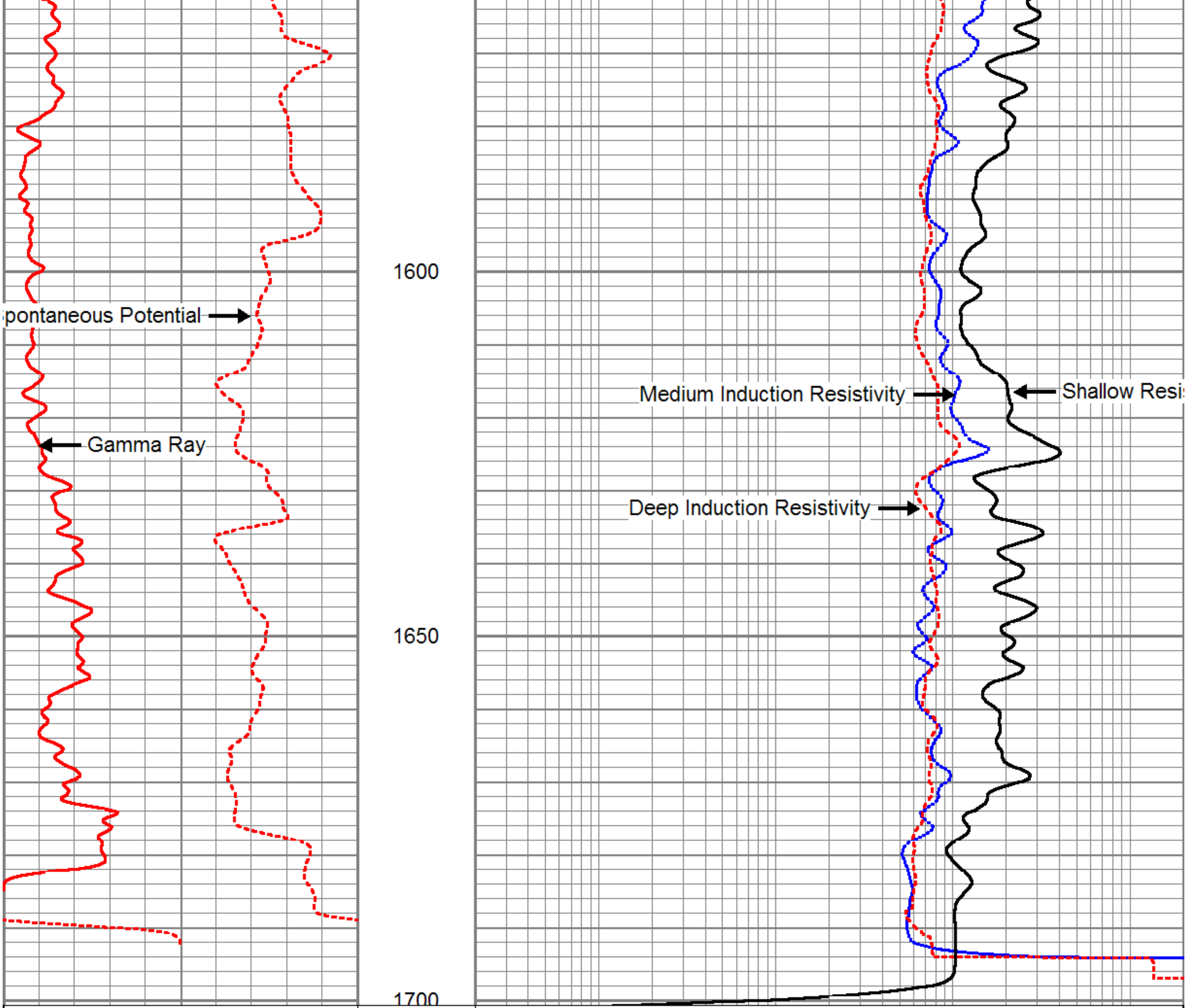
MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run5/DILMP1
Presentation Format: dil
Dataset Creation: Sun Jan 22 14:09:41 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	50		0.2	Medium Induction Resistivity (Ohm-m)	2000
	Spontaneous Potential			0.2	Deep Induction Resistivity (Ohm-m)	2000
-100	(mV)	100		0.2	Shallow Resistivity (Ohm-m)	2000




1350
1400
1450
1500
1550



0	Gamma Ray (GAPI)	50	
	Spontaneous Potential		
-100	(mV)	100	

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

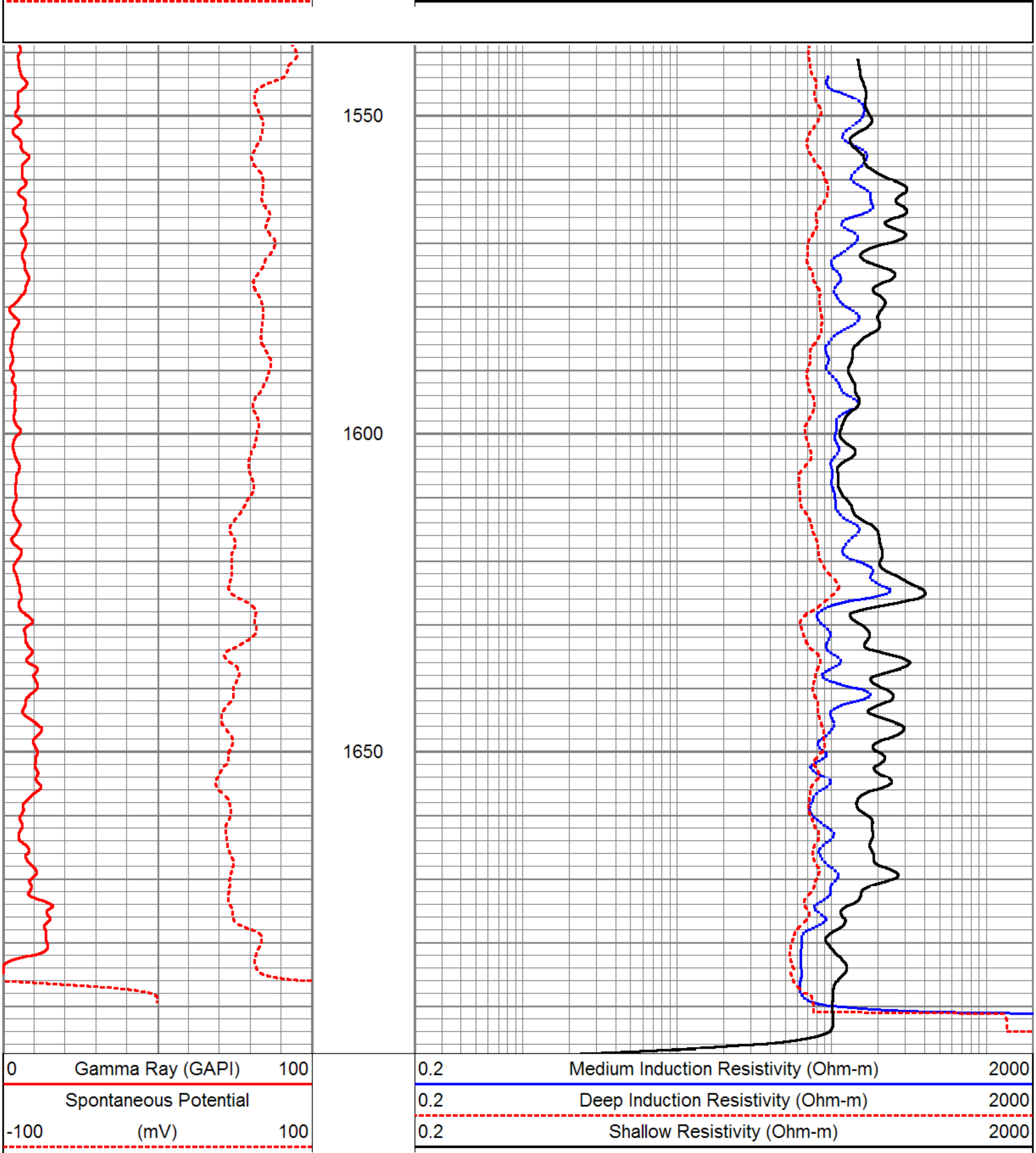
ALLWEBBS ENTERPRISES, INC.

REPEAT PASS

Database File:	kisspof29.db
Dataset Pathname:	run5/DILRP
Presentation Format:	dil
Dataset Creation:	Sun Jan 22 14:04:56 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100
	Spontaneous Potential	
-100	(mV)	100

0.2	Medium Induction Resistivity (Ohm-m)	2000
0.2	Deep Induction Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000



Calibration Report

Database File: kisspof29.db
Dataset Pathname: run5/DILMP1
Dataset Creation: Sun Jan 22 14:09:41 2012 by Log Open-Cased 071220

Dual Induction Calibration Report

Serial-Model: DIL2-GEAR

Surface Cal Performed: Tue Dec 20 19:49:42 2011
Downhole Cal Performed: Tue Nov 08 15:48:53 2011
After Survey Verification Performed: Tue Nov 08 16:54:56 2011

Surface Calibration

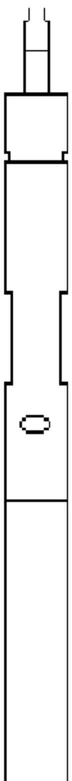
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.015	0.569	V	0.000	400.000	mmho-m	684.688	10.270
Medium	0.010	0.723	V	0.000	465.000	mmho-m	652.254	-6.523
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.635	V	0.000	400.000	mmho-m	637.070	-4.479
Medium	0.010	0.750	V	0.000	465.000	mmho-m	628.185	-6.138

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	5.933	439.536	mmho-m	7.717	445.844	mmho-m	1.010	1.722
Medium	-5.649	478.826	mmho-m	-4.578	482.836	mmho-m	1.006	1.105
Shallow	2.505	0.011	V	500.000	2.000	Ohm-m	199.730	-0.238

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	3.721	437.936	mmho-m	5.933	439.536	mmho-m	1.010	1.722
Medium	-25.488	485.515	mmho-m	-5.649	478.826	mmho-m	1.006	1.105
Shallow	499.938	1.991	Ohm-m	500.000	2.000	Ohm-m	1.000	0.008

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00

SP	11.00				
CILD	10.50	DIL-GEAR (DIL2) GO_DIL/LL3/SP	21.25	3.50	150.00
CILM	7.00				
RLL3	2.00				

Dataset: kisspof29.db: field/well/run5/DILMP1
Total Length: 22.25 ft
Total Weight: 155.00 lb
O.D. 3.50 in

FLUID CONDUCTIVITY TEMPERATURE LOG

ALLWEBBS ENTERPRISES, INC.

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #29
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation: K.B. D.F. G.L.

Date	23-JAN-2012		
Run Number	FIVE		
Depth Driller	1685'		
Depth Logger	1685'		
Bottom Logged Interval	1685'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	83.6 DEGF.		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	CASING	300'	SIX	12.25"	1685'	CASING
TWO	28"	CASING	300'				
THREE	12.25"	CASING	1350'				
FOUR	23.25"	CASING	1350'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String	18"	.375 W.T	SURFACE	1357'
Liner				

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Comments

XYC/GR
BHC/SONIC/VDL
DIL/LL3/SP
FLOWMETER
DHTVS

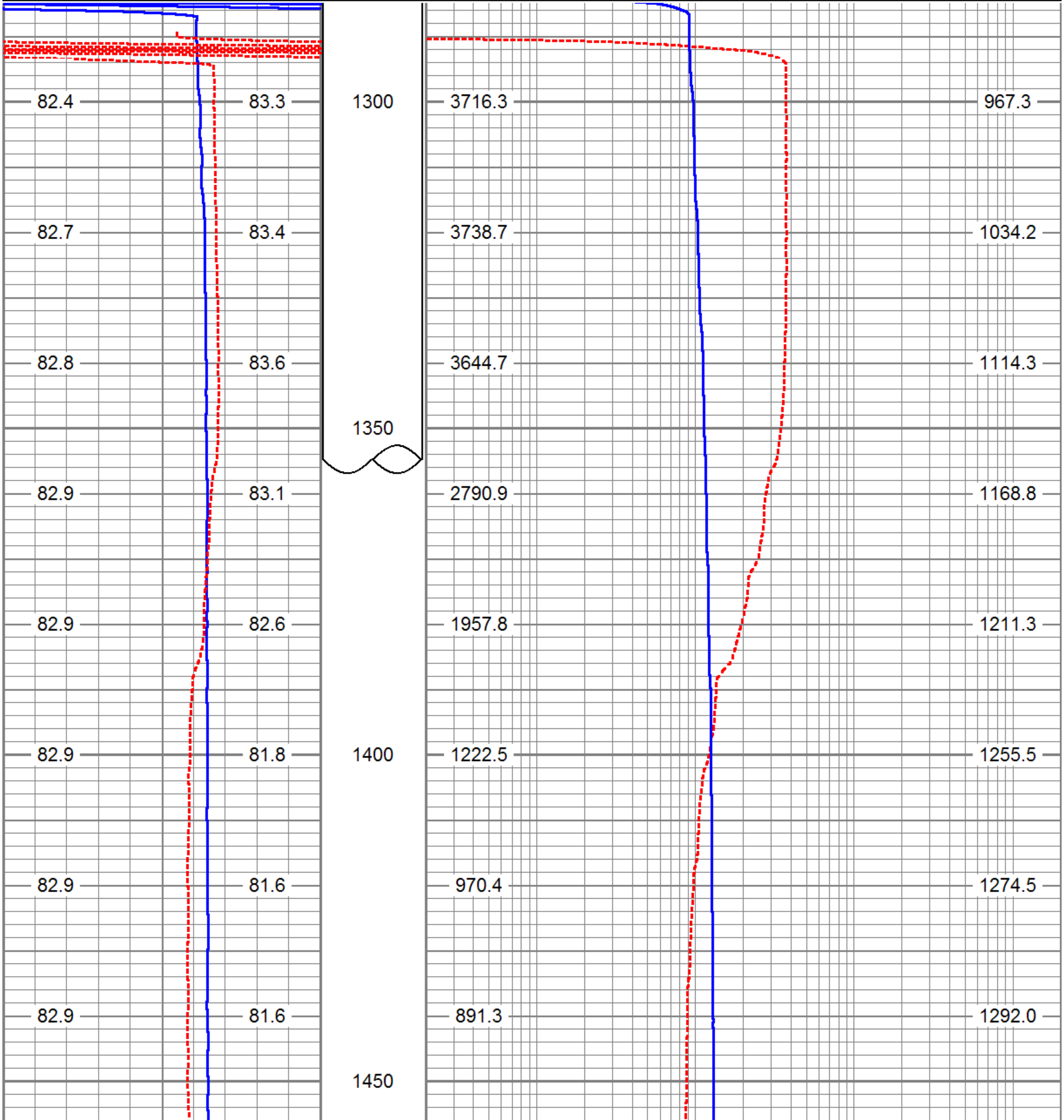
ALLWEBBS

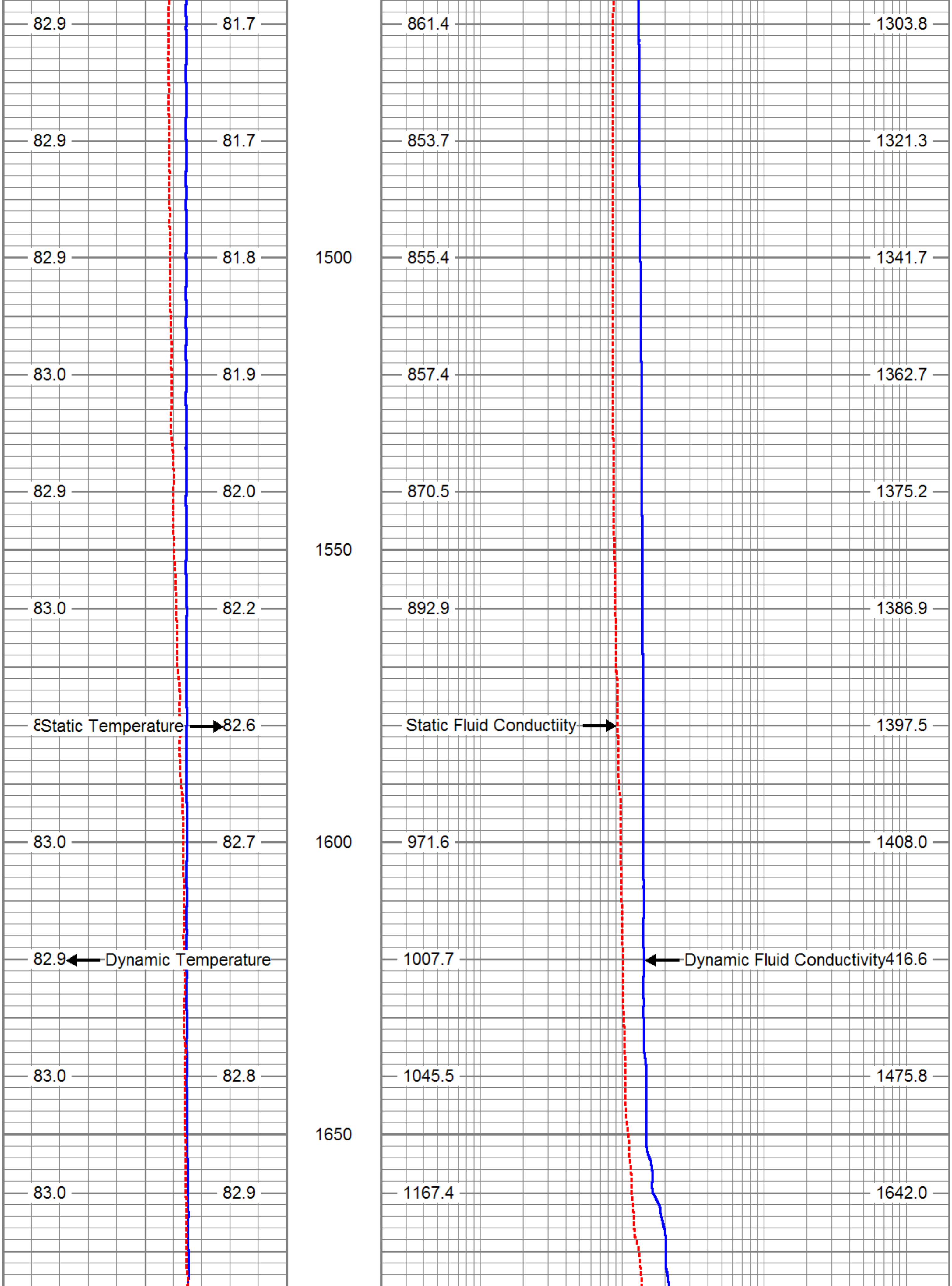
FCT MERGE (3,000 GPM)

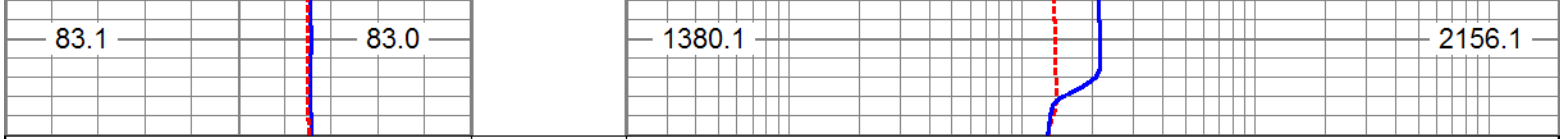
ENTERPRISES, INC.

Database File: kisspof29.db
Dataset Pathname: run5/FCTDY
Presentation Format: fct
Dataset Creation: Mon Jan 23 12:40:42 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

70 Dynamic Temperature (degF) 90		20 Static Fluid Conductiity (um) 200000
70 Static Temperature (degF) 90		20 Dynamic Fluid Conductivity (um) 200000
MP_DYNAM (degF) / EMPS_STAT (degF)		CONS_STAT (um) / ON_DYNAM (um)




82.9
81.7
861.4
1303.8
82.9
81.7
853.7
1321.3
82.9
81.8
1500
855.4
1341.7
83.0
81.9
857.4
1362.7
82.9
82.0
870.5
1375.2
1550
83.0
82.2
892.9
1386.9
8Static Temperature
82.6
Static Fluid Conductiity
1397.5
83.0
82.7
1600
971.6
1408.0
82.9
Dynamic Temperature
1007.7
Dynamic Fluid Conductivity416.6
83.0
82.8
1045.5
1475.8
1650
83.0
82.9
1167.4
1642.0



70 Dynamic Temperature (degF) 90		20 Static Fluid Conductiity (um) 200000	
70 Static Temperature (degF) 90		20 Dynamic Fluid Conductivity (um) 200000	
MP_DYNAM (degF)	EMPS_STAT (degF)	CONS_STAT (um)	ON_DYNAM (um)

Calibration Report

Database File: kisspof29.db
Dataset Pathname: run5/FCTDY
Dataset Creation: Mon Jan 23 12:40:42 2012 by Log Open-Cased 071220

Temperature Calibration Report

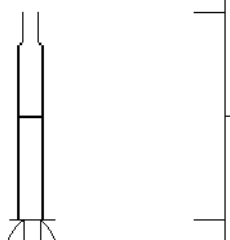
Serial Number: 1
Tool Model: RG
Performed: Mon Oct 17 23:03:02 2011

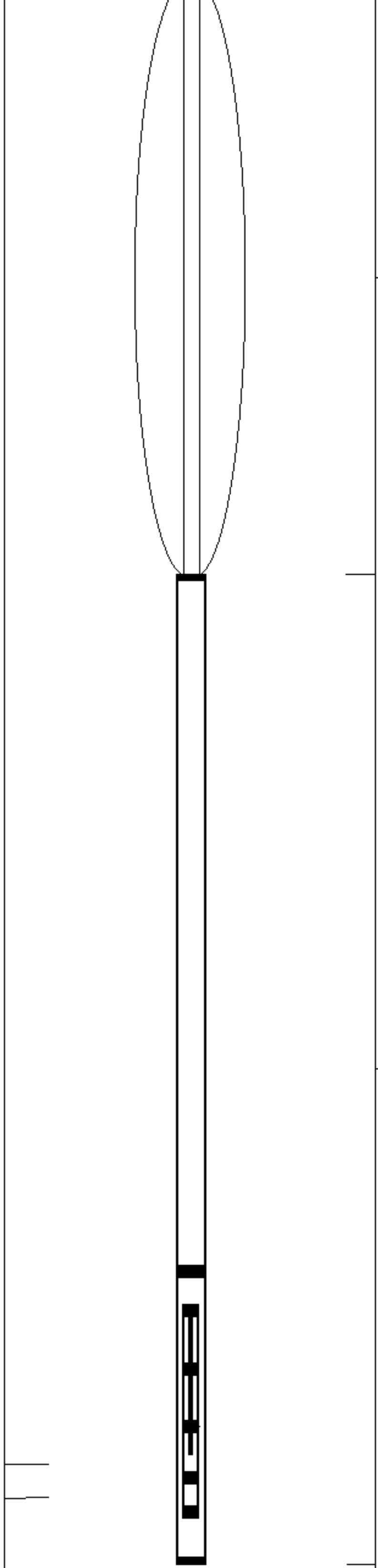
Point #	Reading	Reference	
1	3636.76	32.20	degF
2	4626.58	51.60	degF
3	6505.18	72.00	degF
4	7120.74	77.40	degF
5	8623.55	91.80	degF
6	9608.83	100.60	degF
7			degF
8			degF
9			degF
10			degF

Calibration Report

Serial Number: 1
Tool Model: RG
Performed: Mon Oct 17 23:02:58 2011

Reference (um)	Reading ()
1023.000	1131.130
10090.000	10173.500
13040.000	12435.600
25200.000	23497.400
29200.000	24812.300
49900.000	39605.500

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		CBLINLINE	3.00	1.50	10.00
		FRTEMP-RG (1) RG_FCON	5.00	1.50	25.00
FCON	0.50				
TEMP	0.33				

Dataset:	kisspof29.db: field/well/run5/FCTDY
Total Length:	9.00 ft
Total Weight:	40.00 lb
O.D.	1.50 in

FLOWMETER LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA
Location:	API #:
Other Services	SEE COMMENTS
SEC / TWP / RGE	
Permanent Datum	PAD
Log Measured From	PAD
Drilling Measured From	PAD
Elevation	K.B. / D.F. / G.L.

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #29
Field KISSIMMEE BASIN (LFA)
County POLK
State FLORIDA

Date	23-JAN-2012		
Run Number	FIVE		
Depth Driller	1685'		
Depth Logger	1685'		
Bottom Logged Interval	1685'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	83.6 DEGF.		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record

Run Number	Bit	From	To
ONE	12.25"	CASING	300'
TWO	28"	CASING	300'
THREE	12.25"	CASING	1350'
FOUR	23.25"	CASING	1350'

Borehole Record

Run Number	Bit	From	To
SIX	12.25"	1685'	CASING

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String	18"	.375 W.T	SURFACE	1357'
Liner				

<<< Fold Here >>>

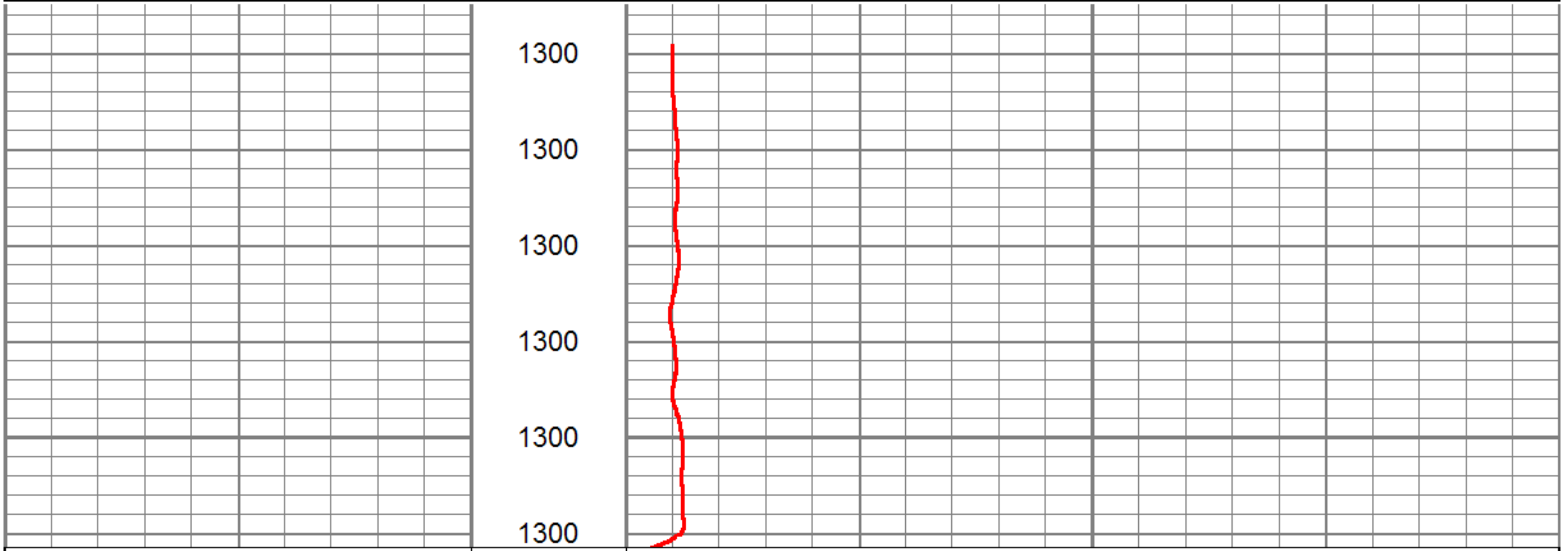
Comments

XYC/GR
BHC/SONIC/VDL
DIL/LL3/SP
FCT
DHTVS

STATION @1300'

Database File:	kisspof29.db
Dataset Pathname:	run5/STA1300
Presentation Format:	flow_sta
Dataset Creation:	Mon Jan 23 14:25:01 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100



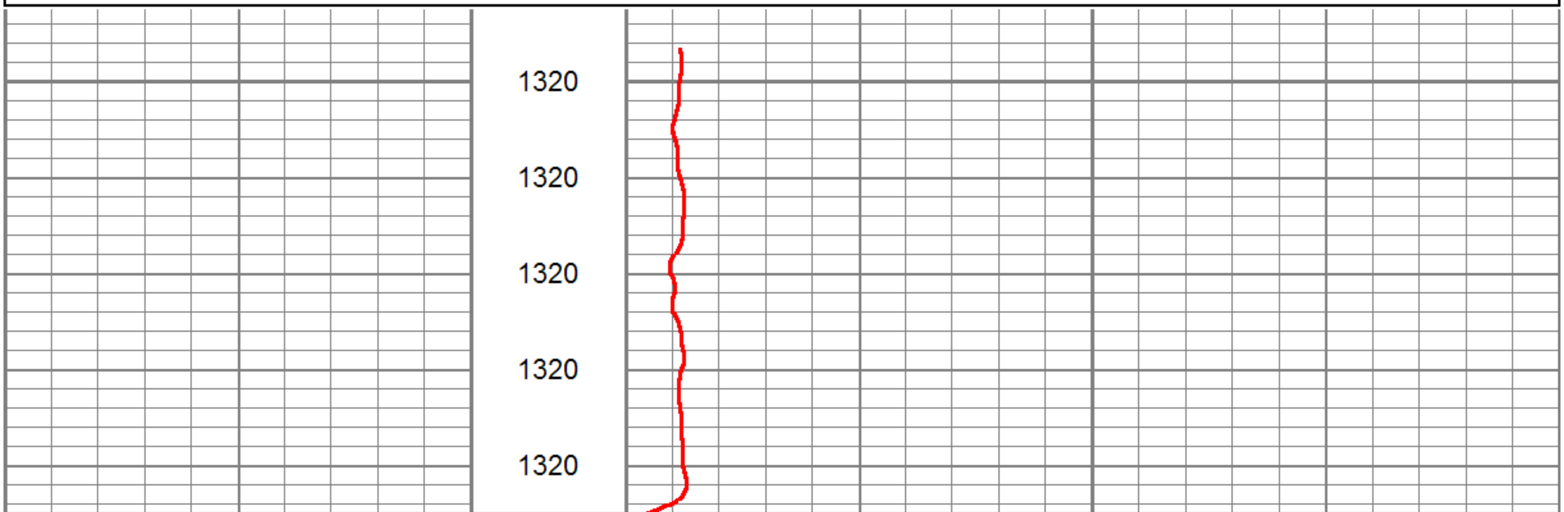
ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100

ALLWEBBS ENTERPRISES, INC.

STATION @1320'

Database File:	kisspof29.db
Dataset Pathname:	run5/STA1320
Presentation Format:	flow_sta
Dataset Creation:	Mon Jan 23 14:23:21 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100



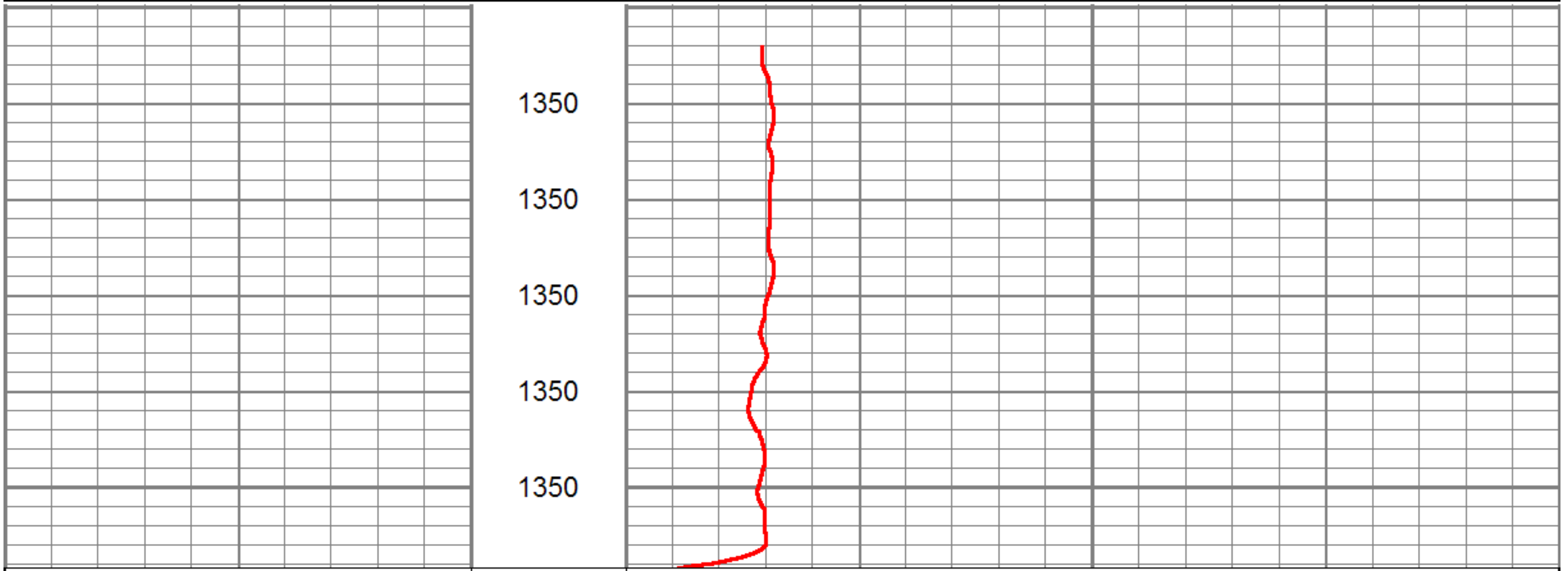
ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100

(ft)

STATION @1350'

Database File:	kisspof29.db
Dataset Pathname:	run5/STA1350
Presentation Format:	flow_sta
Dataset Creation:	Mon Jan 23 14:21:05 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

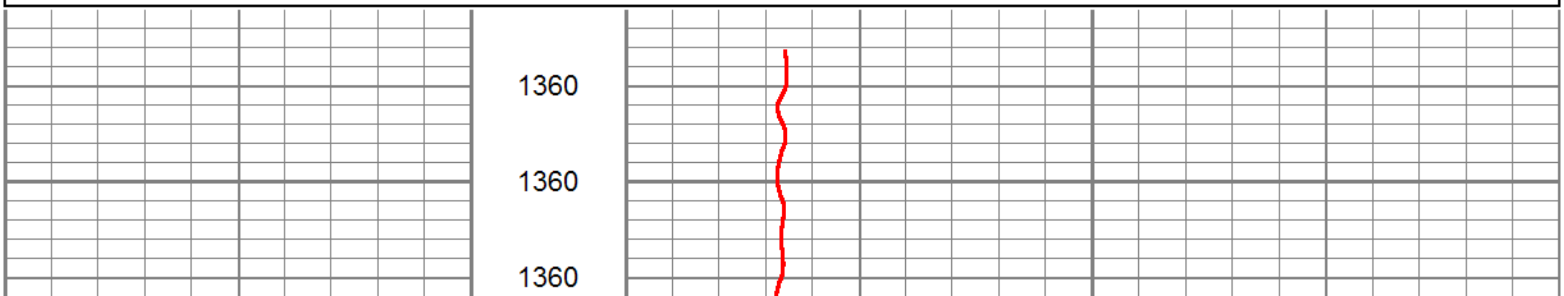


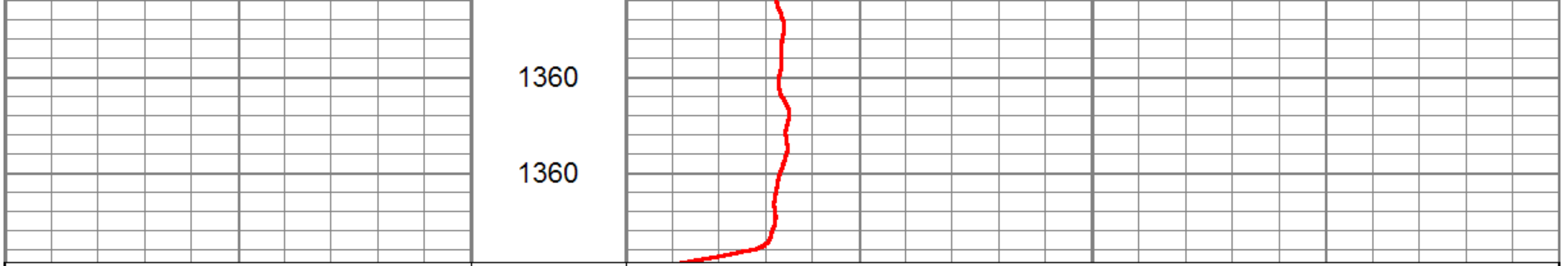
ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

STATION @1360'

Database File:	kisspof29.db
Dataset Pathname:	run5/STA1360
Presentation Format:	flow_sta
Dataset Creation:	Mon Jan 23 14:19:28 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100



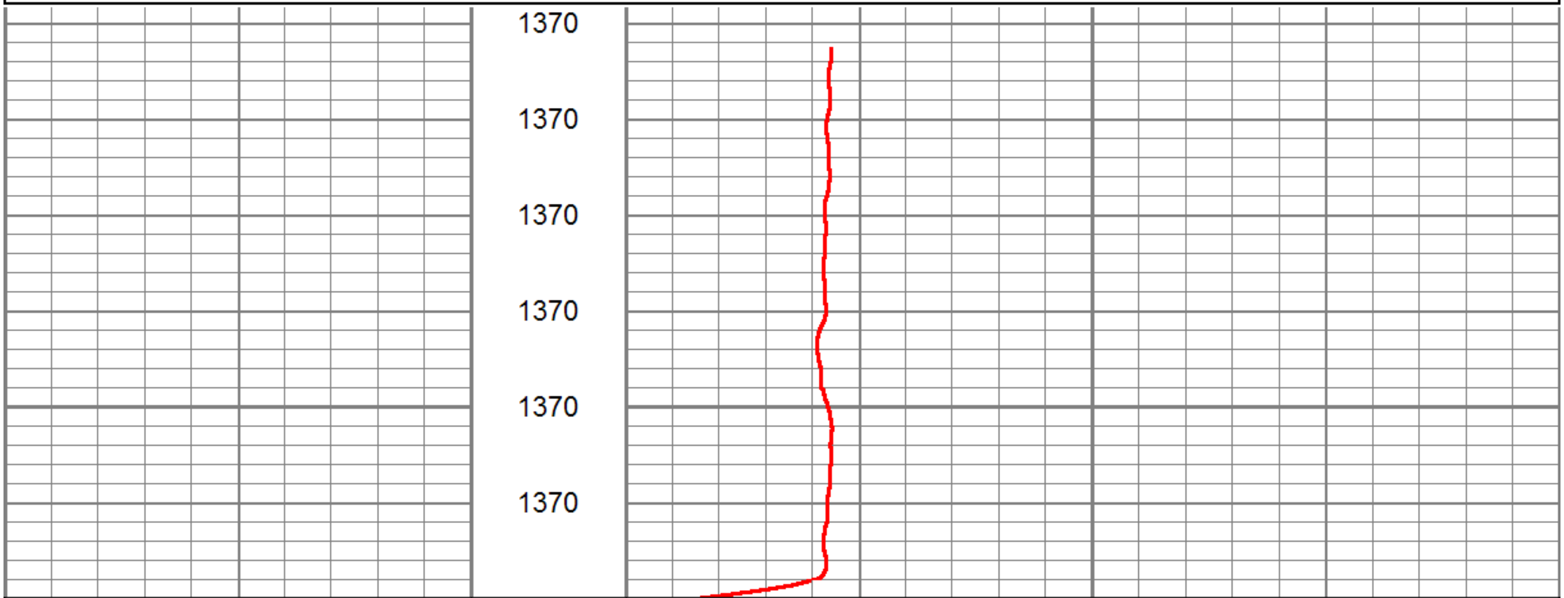


ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100

STATION @1370'

Database File:	kisspof29.db
Dataset Pathname:	run5/STA1370
Presentation Format:	flow_sta
Dataset Creation:	Mon Jan 23 14:17:51 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100



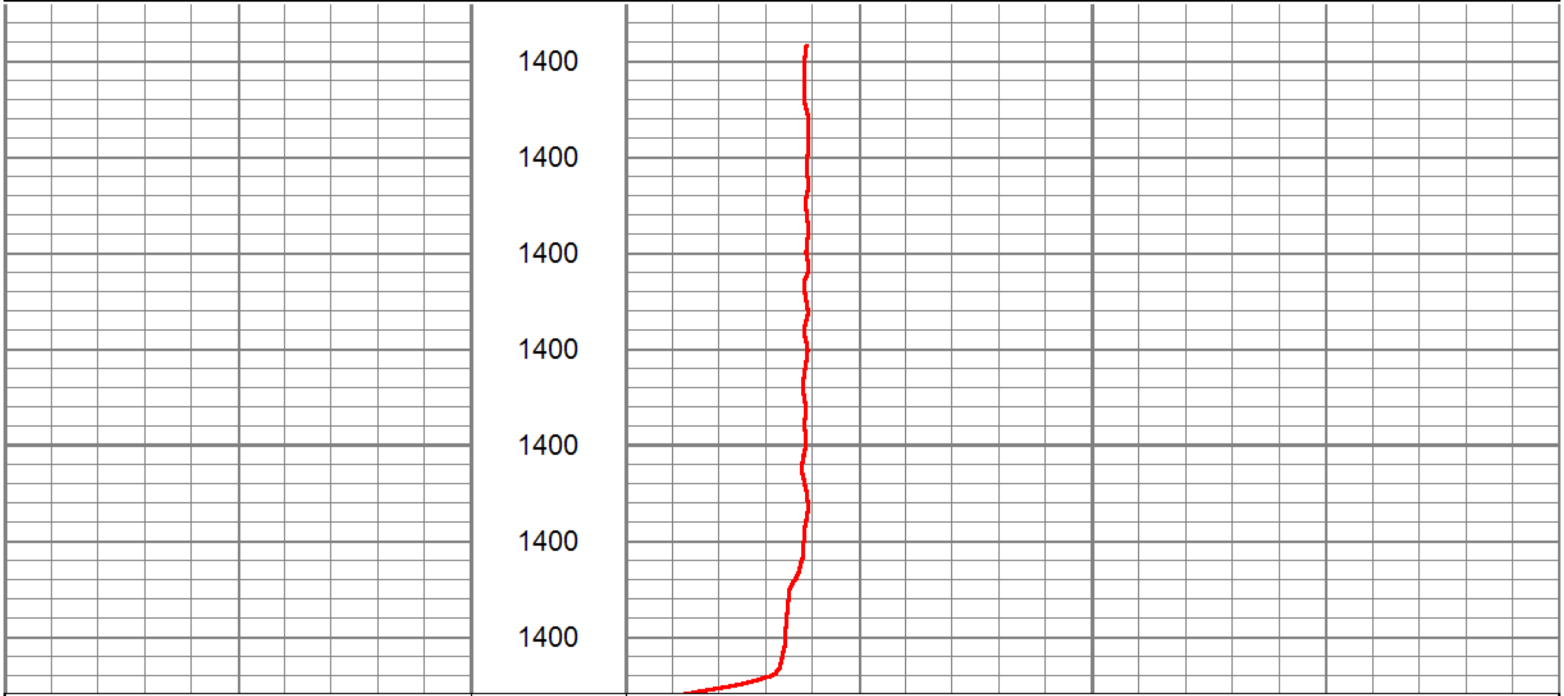
ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100

STATION @1400'

Database File:	kisspof29.db
Dataset Pathname:	run5/STA1400
Presentation Format:	flow_sta
Dataset Creation:	Mon Jan 23 14:15:44 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

ADPTH | 0 FLOW_DYNAMIC (cps) 100

(ft)

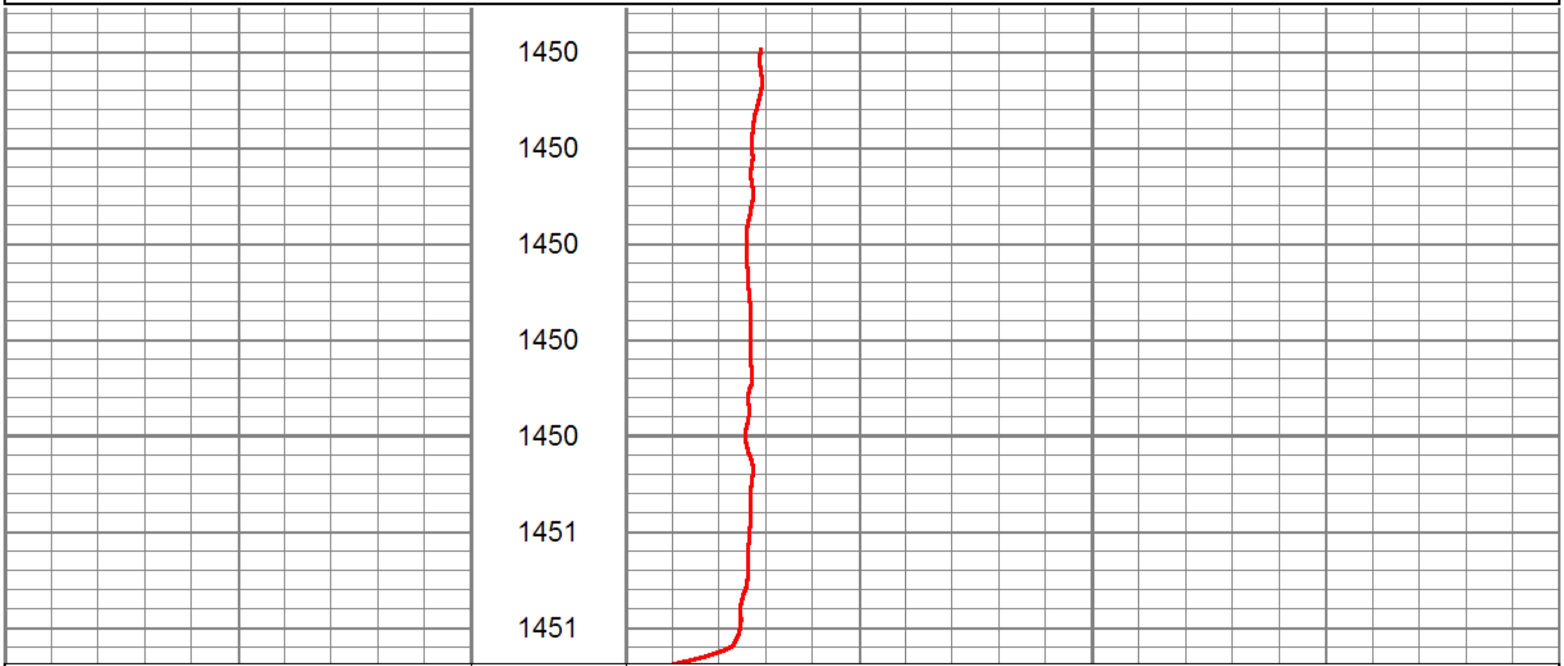


ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100

STATION @1450'

Database File:	kisspof29.db
Dataset Pathname:	run5/STA1450
Presentation Format:	flow_sta
Dataset Creation:	Mon Jan 23 14:13:46 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

ADPTH (ft) | 0 FLOW_DYNAMIC (cps) 100



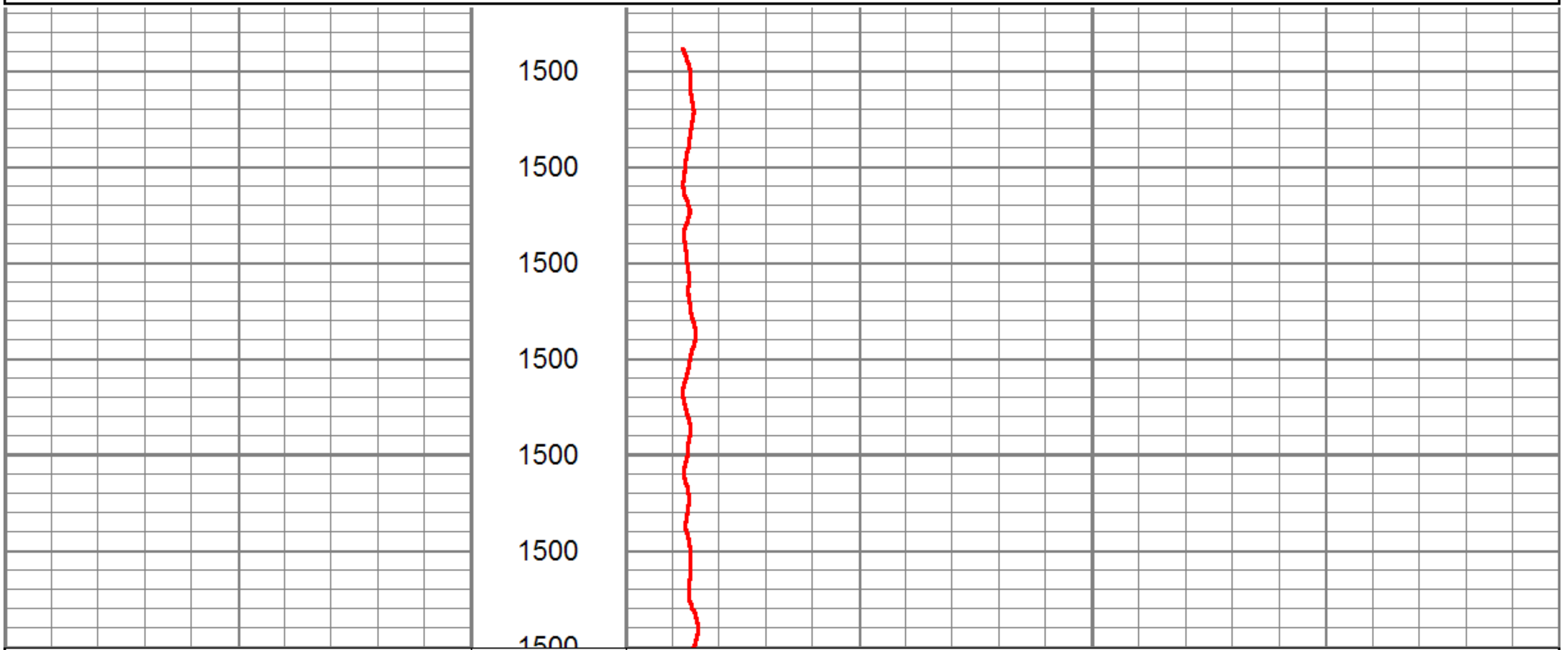
ADPTH | 0 FLOW_DYNAMIC (cps) 100

(ft)

STATION @1500'

Database File: kisspof29.db
Dataset Pathname: run5/STA1500
Presentation Format: flow_sta
Dataset Creation: Mon Jan 23 14:11:03 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

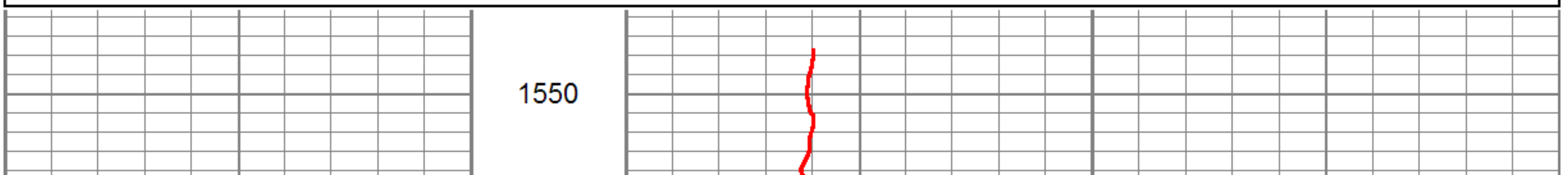


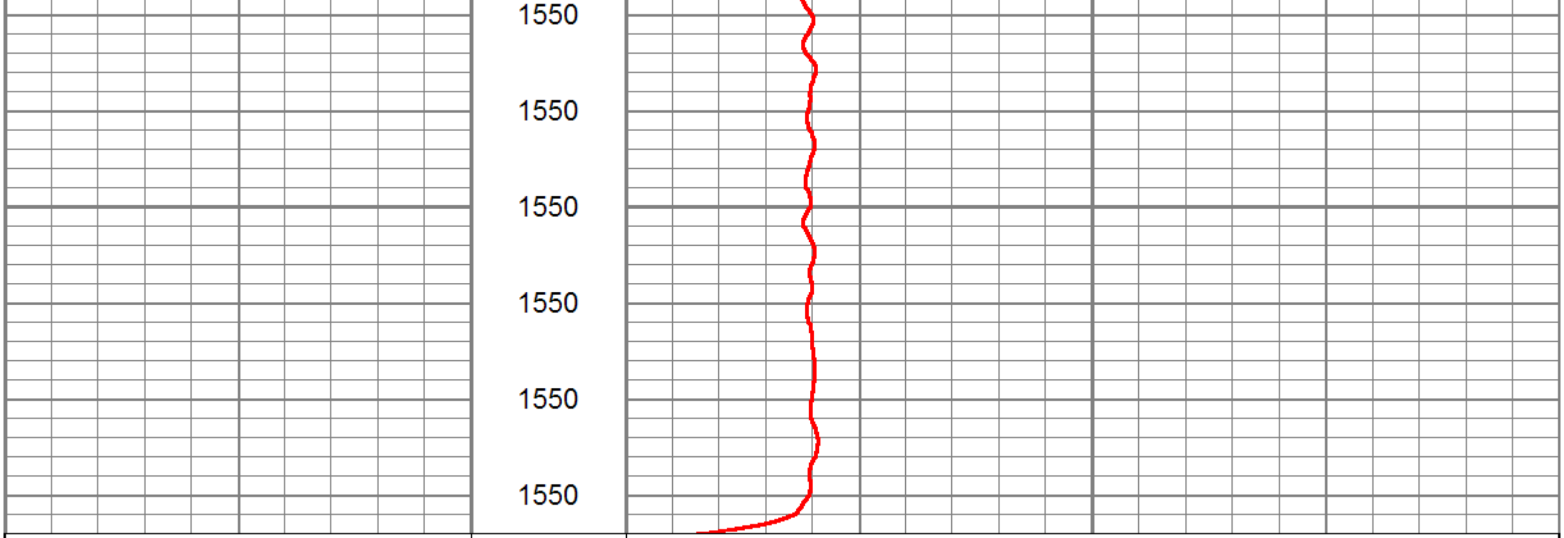
ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

STATION @1550'

Database File: kisspof29.db
Dataset Pathname: run5/STA1550
Presentation Format: flow_sta
Dataset Creation: Mon Jan 23 14:08:34 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100



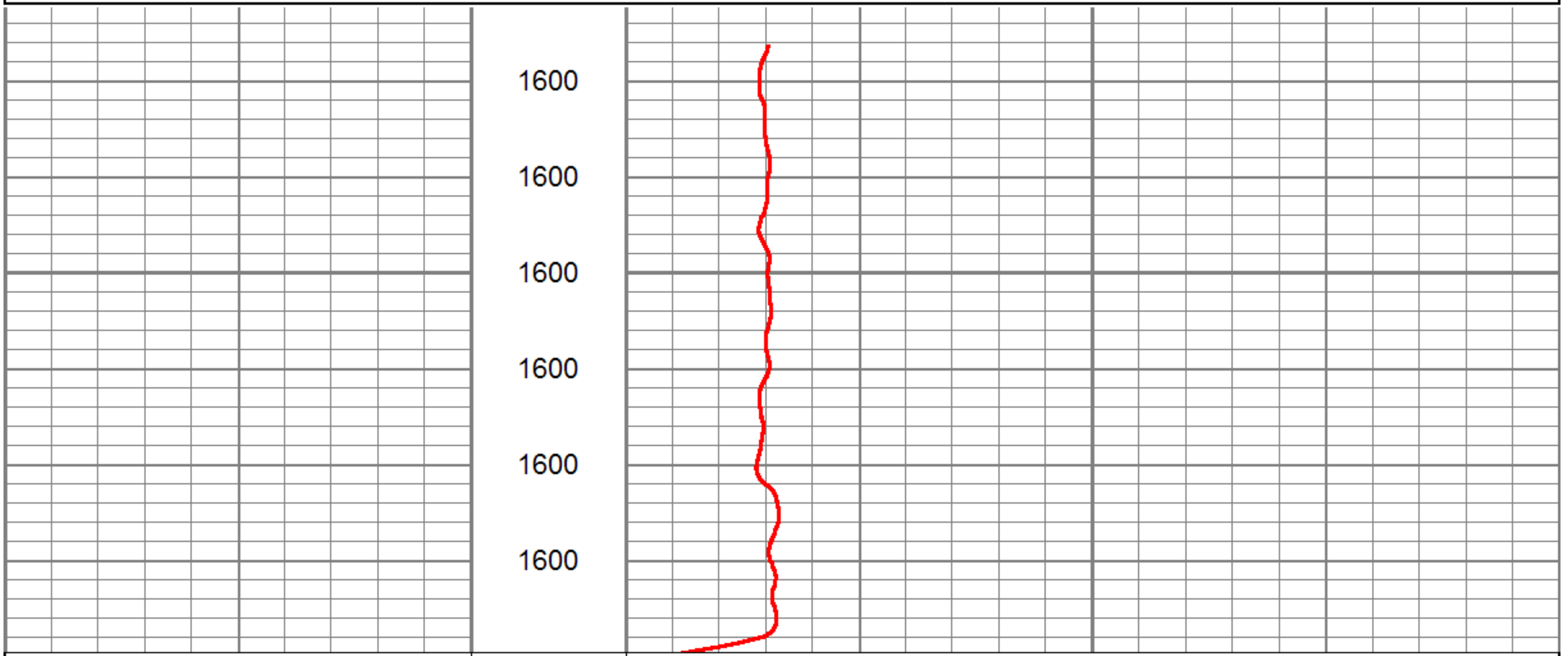


ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

STATION @1600'

Database File: kisspof29.db
Dataset Pathname: run5/STA1600
Presentation Format: flow_sta
Dataset Creation: Mon Jan 23 14:06:27 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100



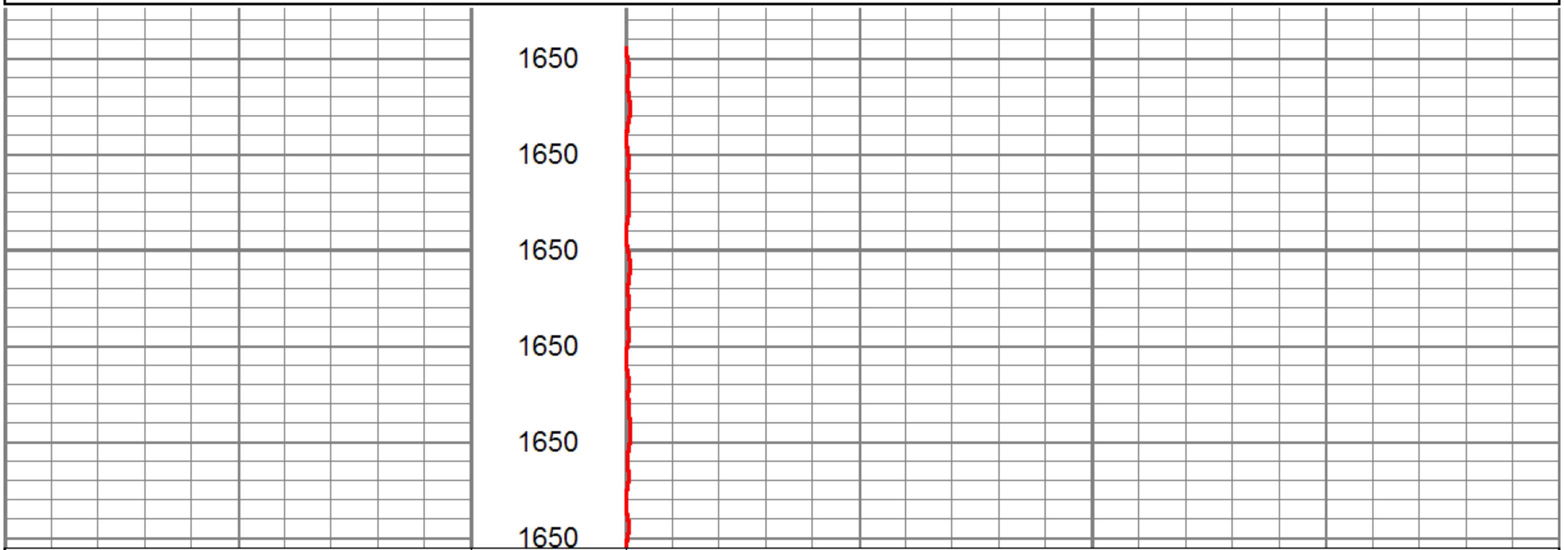
ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

STATION @1650'

STATION @1650'

Database File: kisspof29.db
Dataset Pathname: run5/STA1650
Presentation Format: flow_sta
Dataset Creation: Mon Jan 23 14:03:37 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

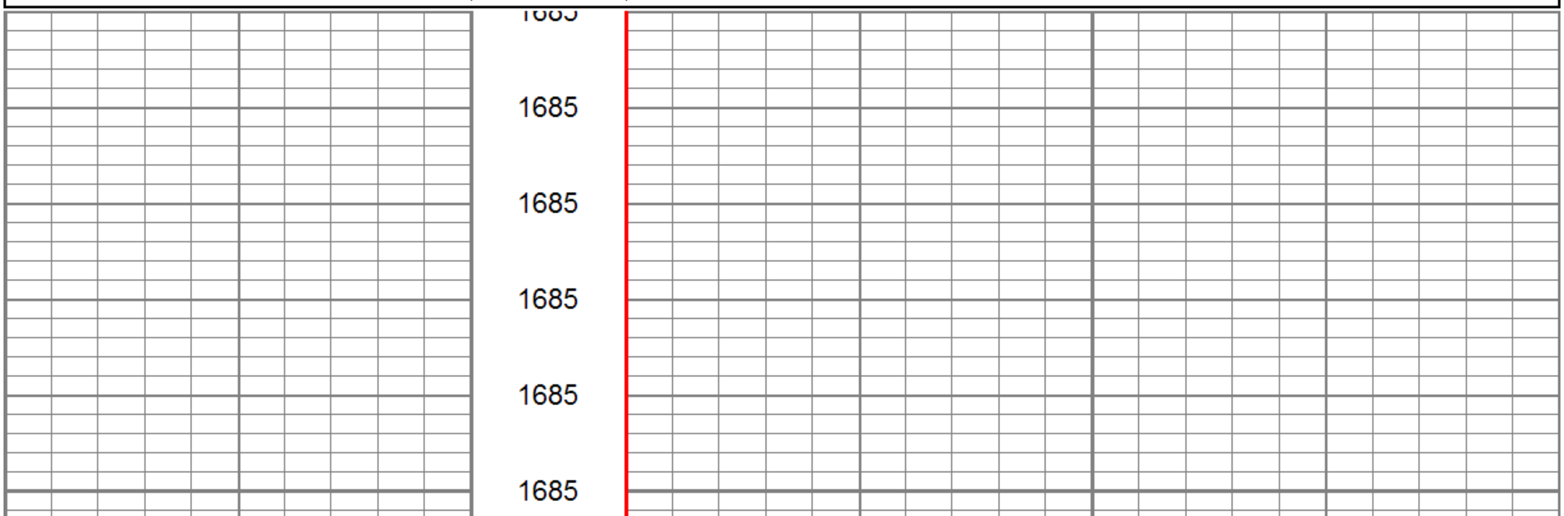


ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

STATION @1685'

Database File: kisspof29.db
Dataset Pathname: run5/STA1685
Presentation Format: flow_sta
Dataset Creation: Mon Jan 23 14:00:21 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

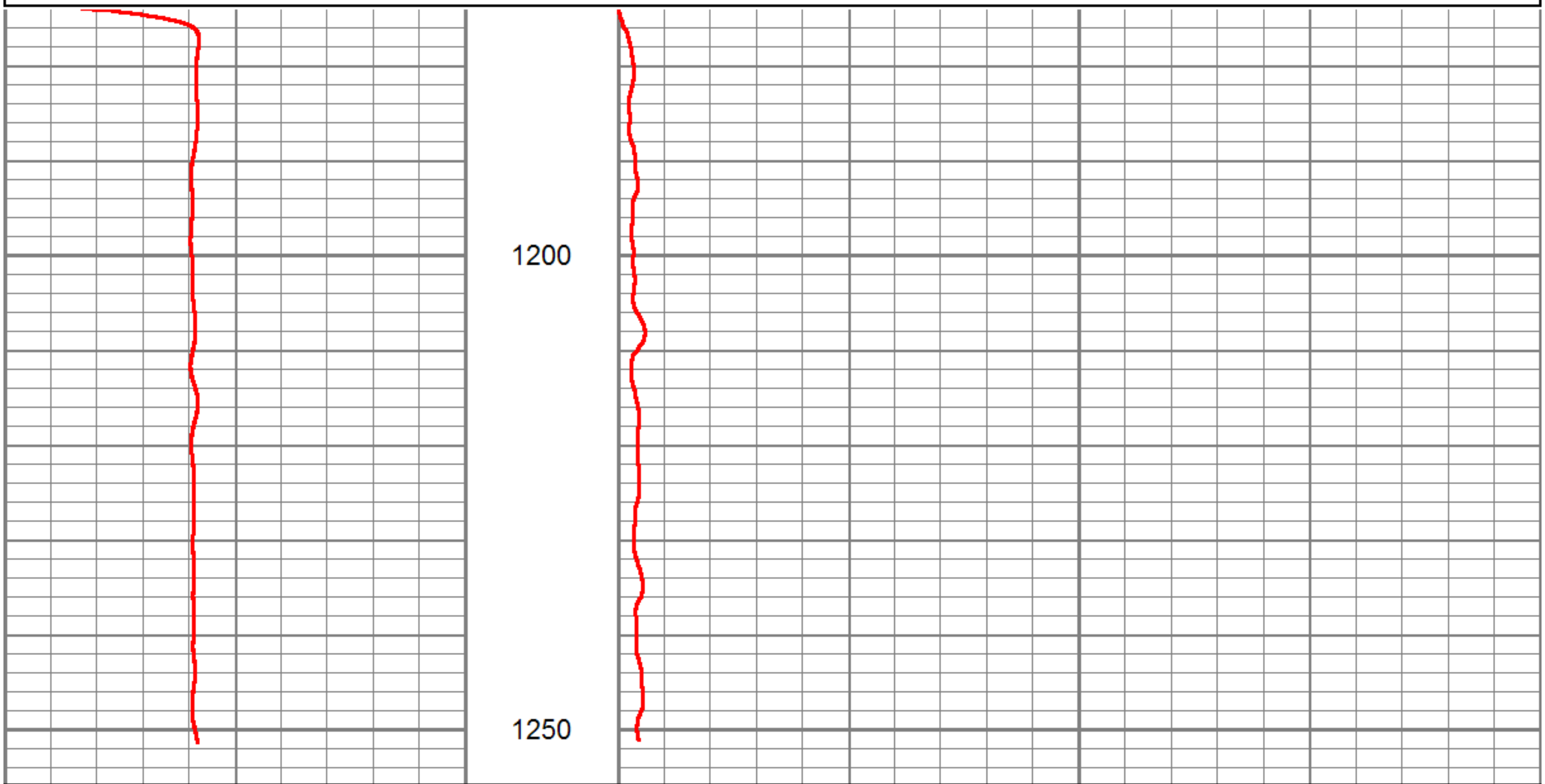


	ADPTH (ft)	0 FLOW_DYNAMIC (cps) 100

CAL @ 40FPM

Database File: kisspof29.db
Dataset Pathname: run5/FMCAL40
Presentation Format: flow
Dataset Creation: Mon Jan 23 13:09:49 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD _DOWN (ft/min) 100		0 FLOWP_ DOWN (cps) 100



0 LSPD _DOWN (ft/min) 100		0 FLOWP_ DOWN (cps) 100

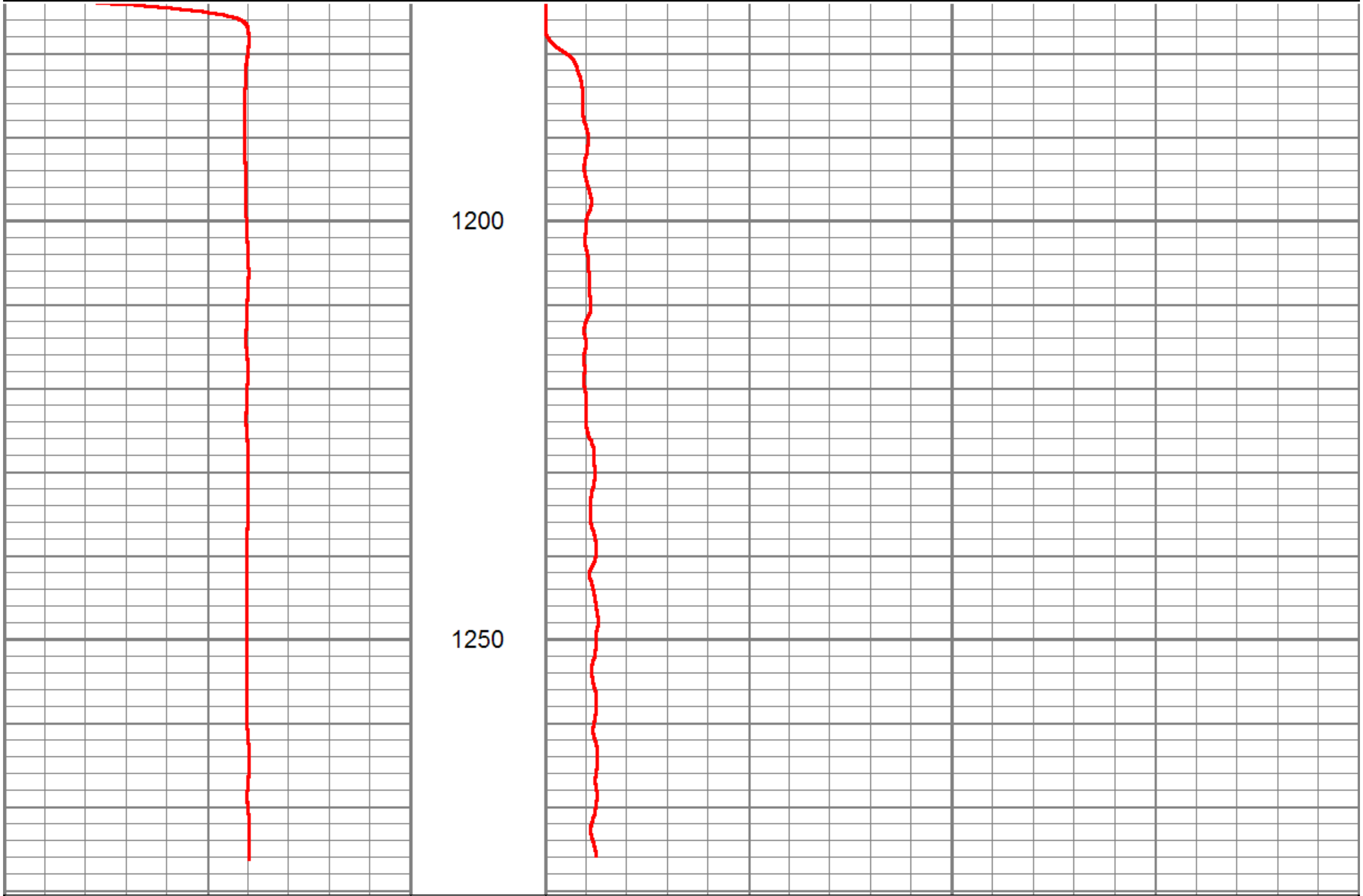
CAL @ 60FPM

ALLWEBBS ENTERPRISES, INC.

CAL @ 60FPM

Database File:	kisspof29.db
Dataset Pathname:	run5/FMCAL60
Presentation Format:	flow
Dataset Creation:	Mon Jan 23 13:14:54 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD _DOWN (ft/min) 100 | 0 FLOWP_ DOWN (cps) 100



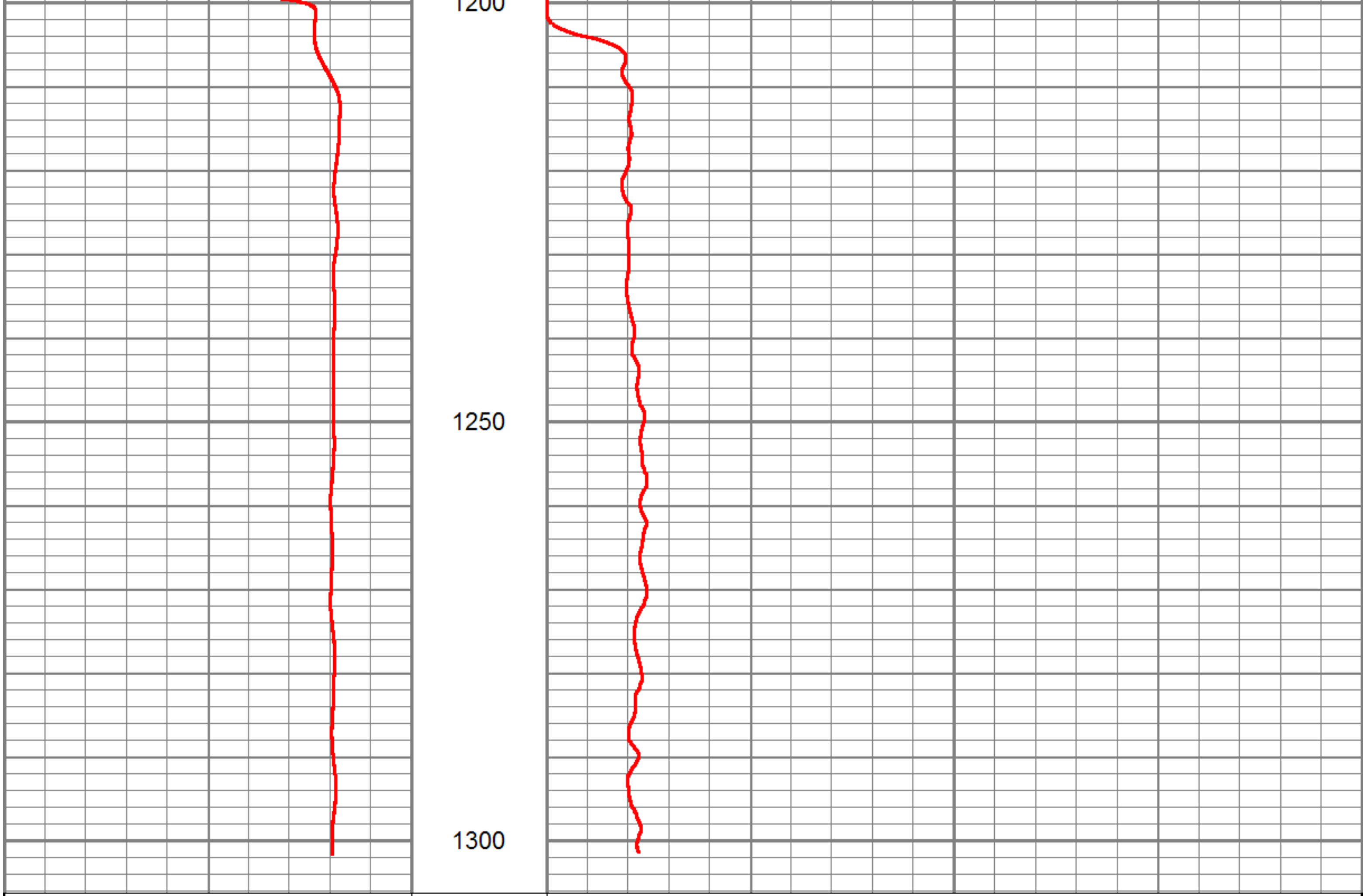
0 LSPD _DOWN (ft/min) 100 | 0 FLOWP_ DOWN (cps) 100

ALLWEBBS ENTERPRISES, INC.

CAL @ 80 FPM

Database File:	kisspof29.db
Dataset Pathname:	run5/FMCAL81
Presentation Format:	flow
Dataset Creation:	Mon Jan 23 13:21:55 2012 by Log Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

0 LSPD _DOWN (ft/min) 100 | 0 FLOWP_ DOWN (cps) 100



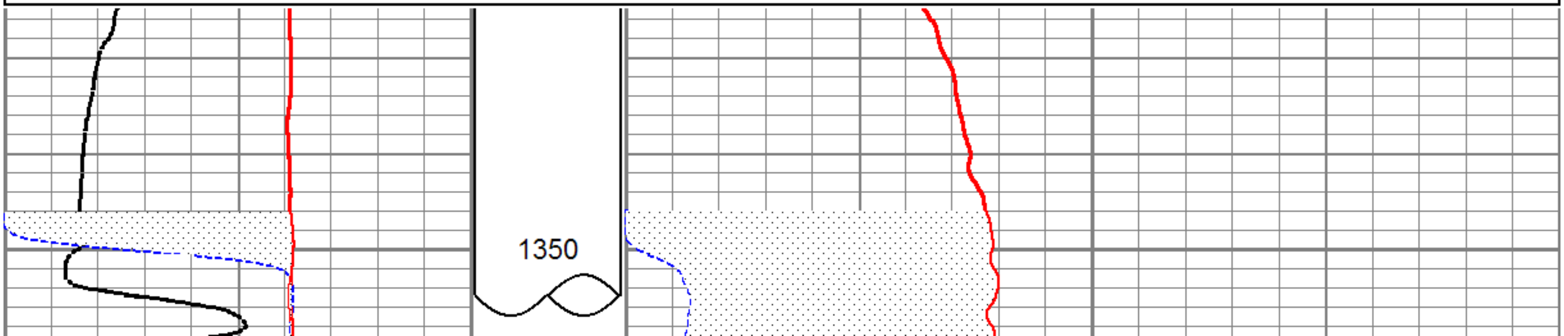
0 LSPD _DOWN (ft/min) 100	0 FLOWP_ DOWN (cps) 100

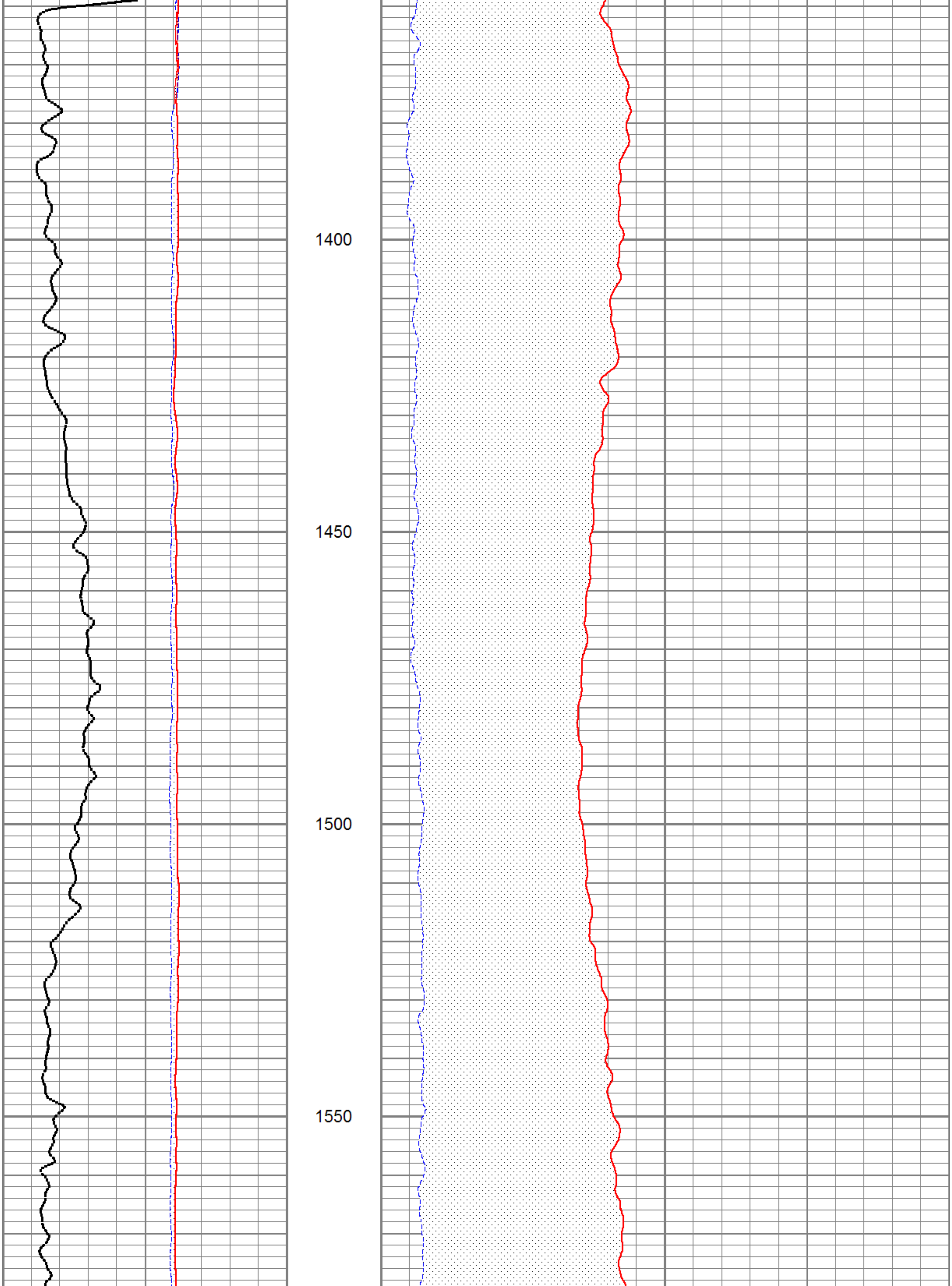
MERGE (3,000 GPM)

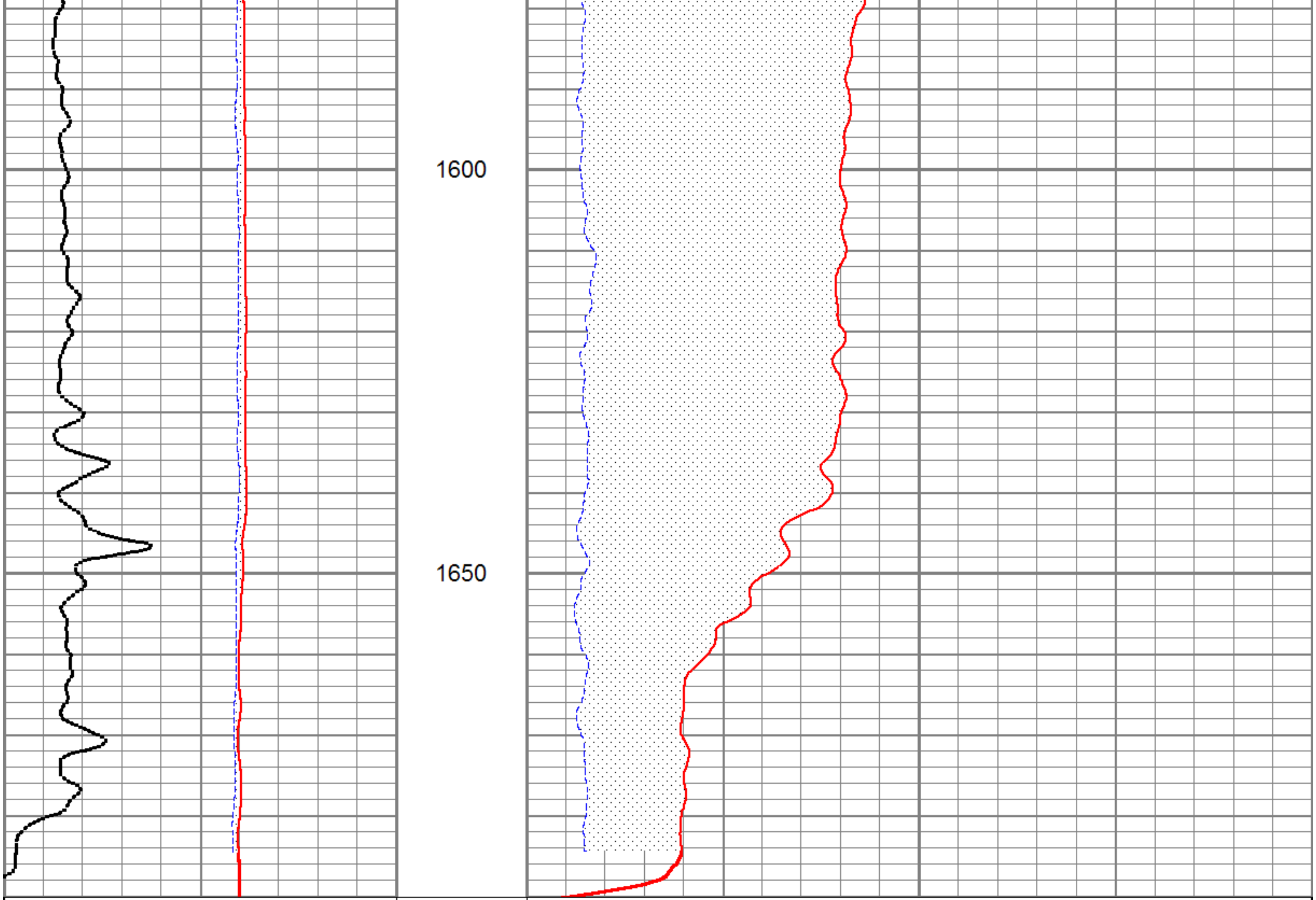
ALLWEBBS ENTERPRISES, INC.

Database File: kisspof29.db
Dataset Pathname: run5/FMDY60
Presentation Format: flow_mg
Dataset Creation: Mon Jan 23 13:52:25 2012 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 LSPD_STATIC (ft/min) 100	0 FLOW_STATIC (cps) 100
0 LSPD_DYNAMIC (ft/min) 100	0 FLOW_DYNAMIC (cps) 100
10 CALA (in) 30	

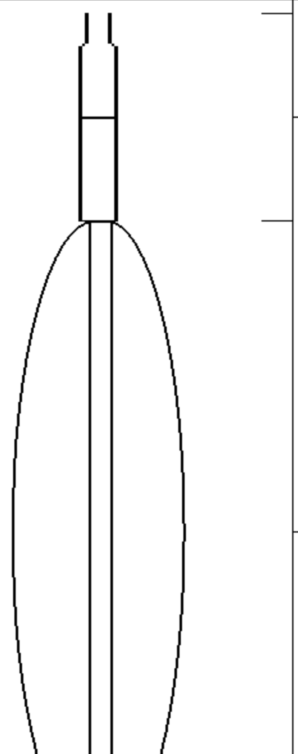


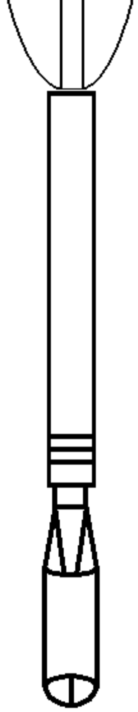

1400
1450
1500
1550



0	LSPD_STATIC (ft/min)	100
0	LSPD_DYNAMIC (ft/min)	100
10	CALA (in)	30

0	FLOW_STATIC (cps)	100
0	FLOW_DYNAMIC (cps)	100

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			CBLINLINE	3.00	1.50	10.00

FLOWP FLOWN	0.25 0.25		FLOWMETER-TITAN (TITAN_3") TITIN_3'	3.00	1.69	25.00

Dataset: kisspof29.db: field/well/run5/STA1300
Total Length: 7.00 ft
Total Weight: 40.00 lb
O.D. 1.69 in

X-Y CALIPER GAMMA RAY LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT

Well POF #29

Field KISSIMMEE BASIN (LFA)

County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services
SEE COMMENTS

Permanent Datum PAD Elevation

Log Measured From PAD

Drilling Measured From PAD

Elevation
K.B.
D.F.
G.L.

Date	23-JAN-2012		
Run Number	FIVE		
Depth Driller	1685'		
Depth Logger	1685'		
Bottom Logged Interval	1685'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	83.6 DEGF.		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record

Run Number	Bit	From	To
ONE	12.25"	CASING	300'
TWO	28"	CASING	300'
THREE	12.25"	CASING	1350'
FOUR	23.25"	CASING	1350'

Borehole Record

Run Number	Bit	From	To
SIX	12.25"	1685'	CASING

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String	24"	.375 W.T	SURFACE	300'
Production String	18"	.375 W.T	SURFACE	1357'
Liner				

<<< Fold Here >>>

Comments

FCT
DIL/LL3/SP
BHC/SONIC/VDL
FLOWMETER
DHTVS

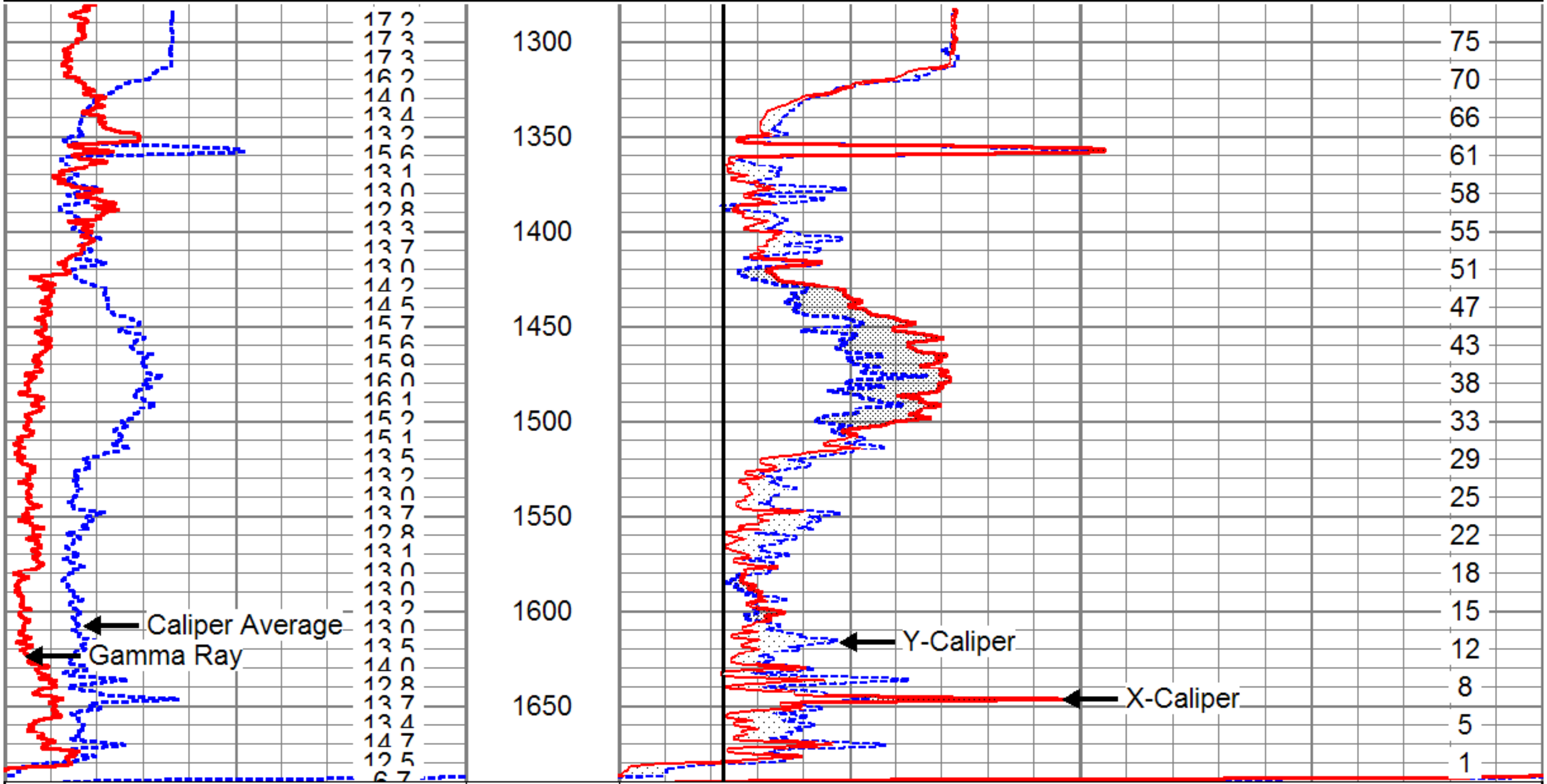
ALLWEBBS

MAIN PASS

E N T E R P R I S E S , I N C .

Database File: kisspof29.db
Dataset Pathname: run5/XYCMPFIN1
Presentation Format: xyc
Dataset Creation: Sun Jan 22 14:01:51 2012 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:1200

10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
	CALA (in)		10	Borehole ID (in)	30
				TBHV (bbl)	



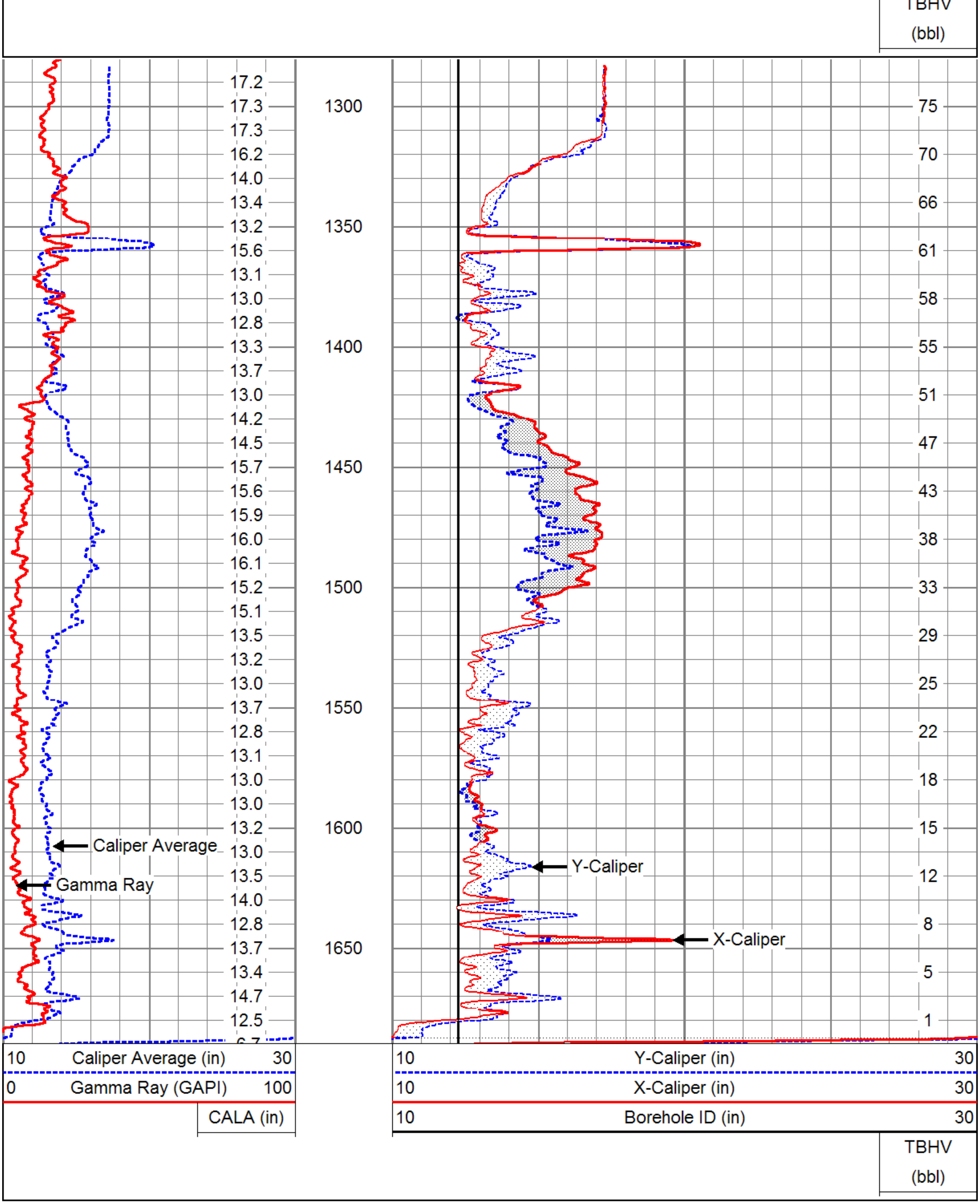
10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
	CALA (in)		10	Borehole ID (in)	30
				TBHV (bbl)	

ALLWEBBS
E N T E R P R I S E S , I N C .

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run5/XYCMPFIN1
Presentation Format: xyc
Dataset Creation: Sun Jan 22 14:01:51 2012 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

10	Caliper Average (in)	30	10	Y-Caliper (in)	30
0	Gamma Ray (GAPI)	100	10	X-Caliper (in)	30
	CALA (in)		10	Borehole ID (in)	30



TBHV
(bbl)
17.2
17.3
17.3
16.2
14.0
13.4
13.2
15.6
13.1
13.0
12.8
13.3
13.7
13.0
14.2
14.5
15.7
15.6
15.9
16.0
16.1
15.2
15.1
13.5
13.2
13.0
13.7
12.8
13.1
13.0
13.0
13.2
13.0
13.5
14.0
12.8
13.7
13.4
14.7
12.5
1300
1350
1400
1450
1500
1550
1600
1650
75
70
66
61
58
55
51
47
43
38
33
29
25
22
18
15
12
8
5
1
Caliper Average
Gamma Ray
Y-Caliper
X-Caliper
10 Caliper Average (in) 30
0 Gamma Ray (GAPI) 100
CALA (in)
10 Y-Caliper (in) 30
10 X-Caliper (in) 30
10 Borehole ID (in) 30
TBHV
(bbl)

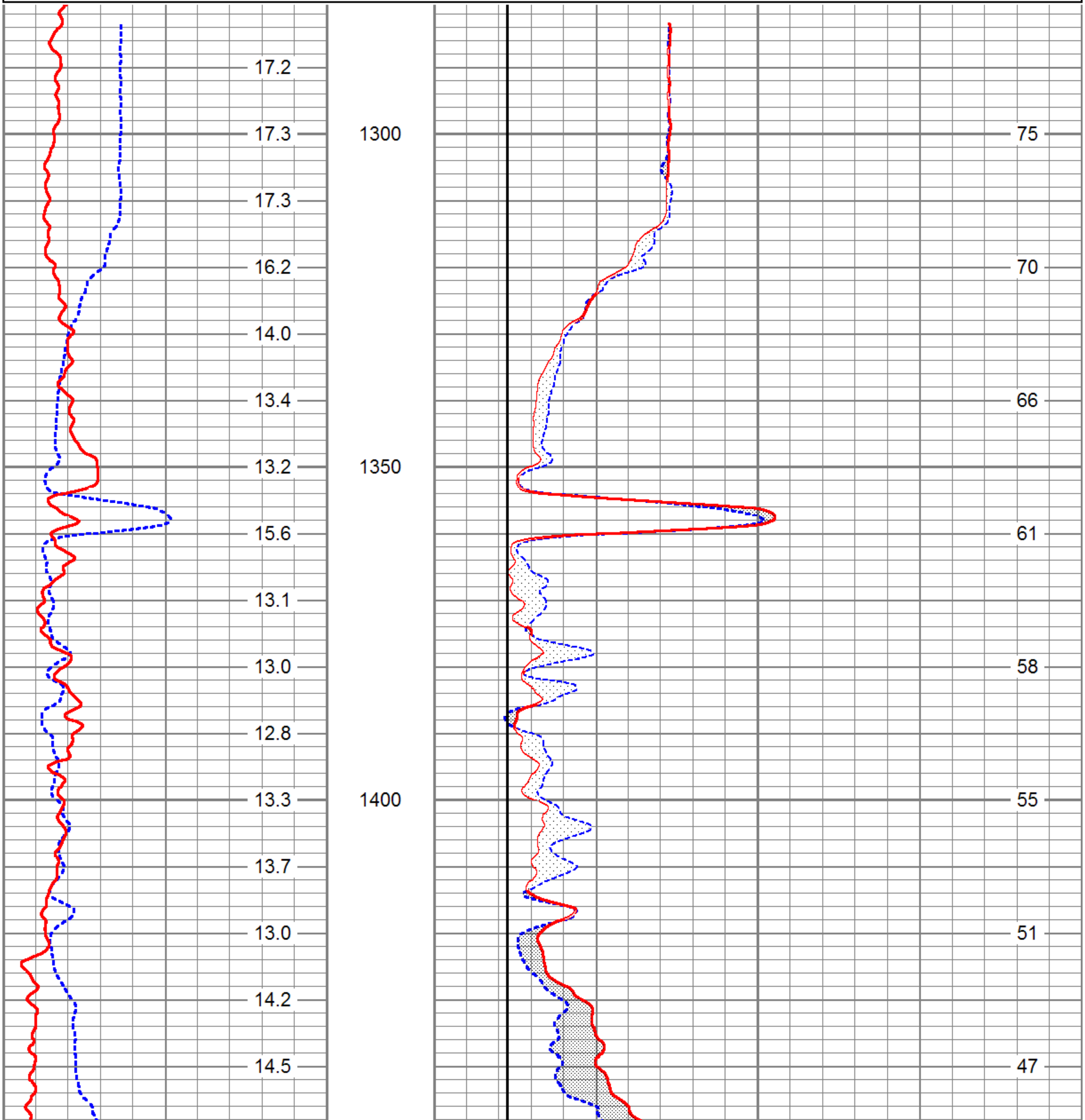
MAIN PASS

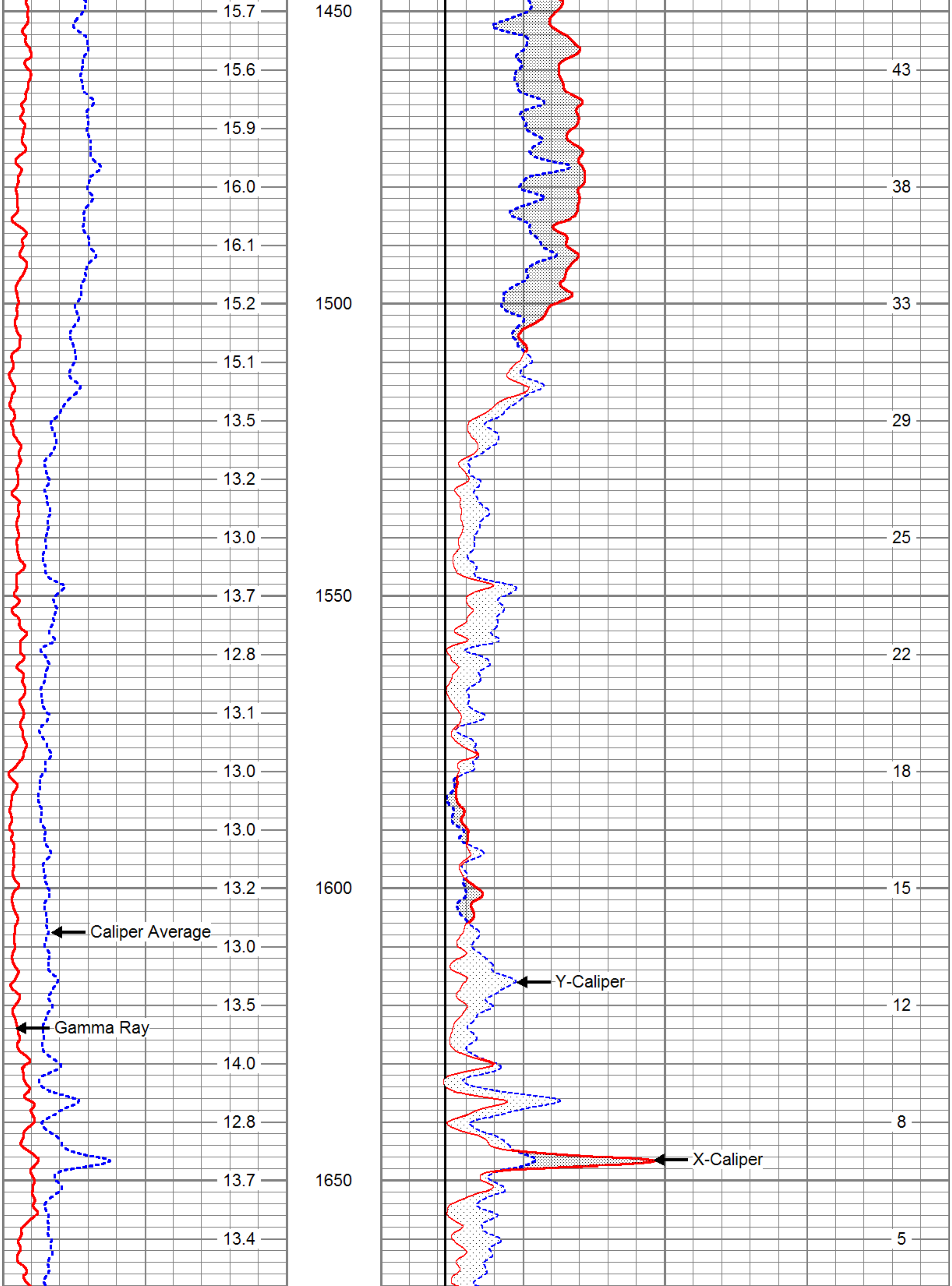
ALLWEBBS ENTERPRISES, INC.

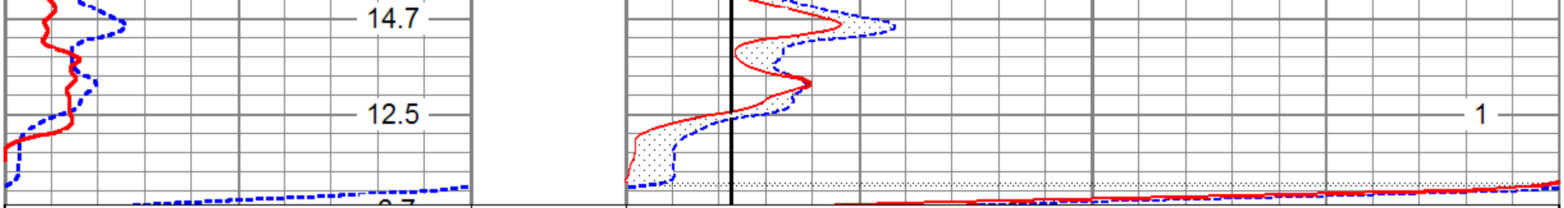
Database File:	kisspof29.db
Dataset Pathname:	run5/XYCMPFIN1
Presentation Format:	xyc
Dataset Creation:	Sun Jan 22 14:01:51 2012 by Calc Open-Cased 071220
Charted by:	Depth in Feet scaled 1:240

10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	




15.7
15.6
15.9
16.0
16.1
15.2
15.1
13.5
13.2
13.0
13.7
12.8
13.1
13.0
13.0
13.2
13.0
13.5
14.0
12.8
13.7
13.4
1450
1500
1550
1600
1650
43
38
33
29
25
22
18
15
12
8
5
Caliper Average
Gamma Ray
Y-Caliper
X-Caliper



10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

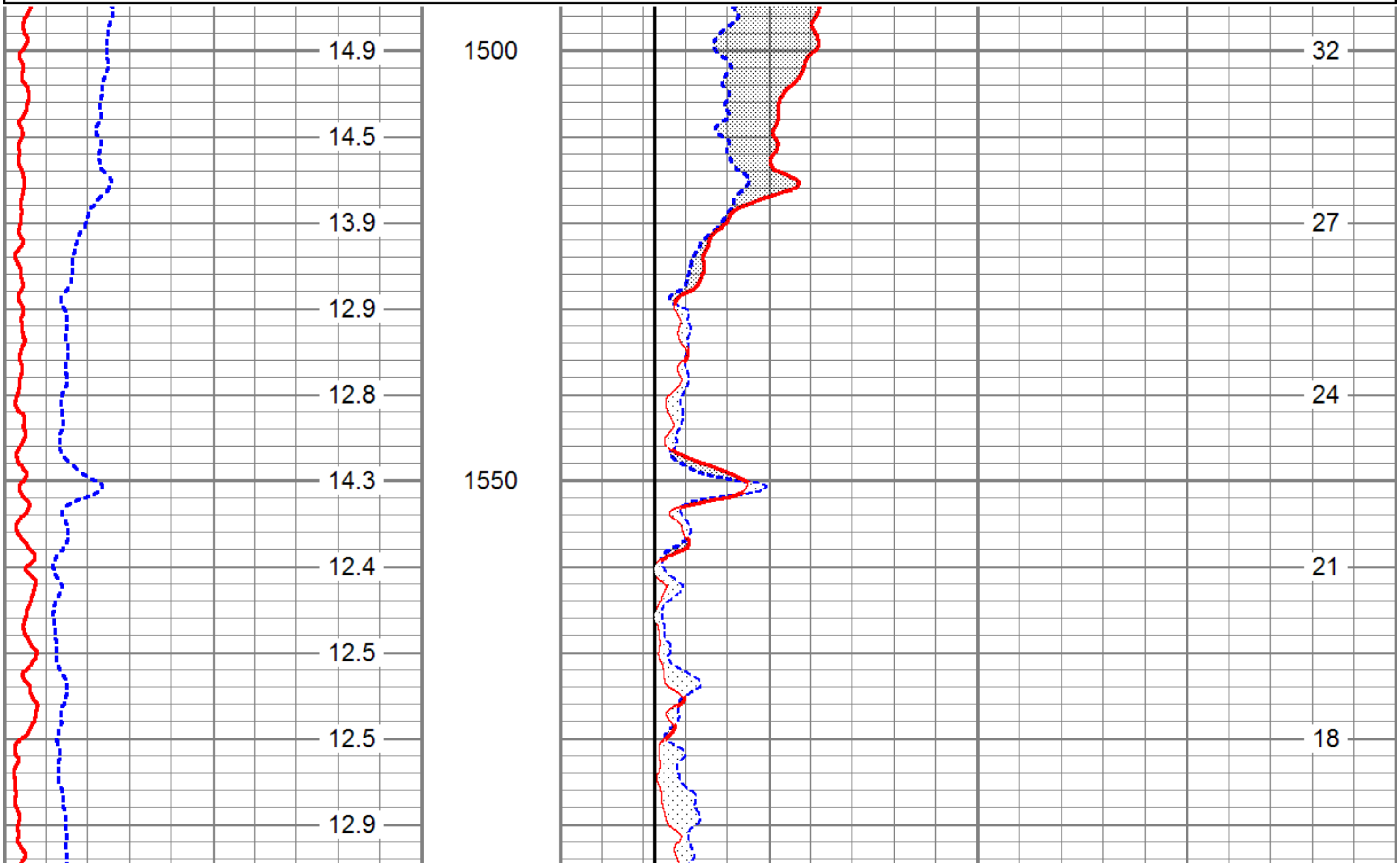
10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	

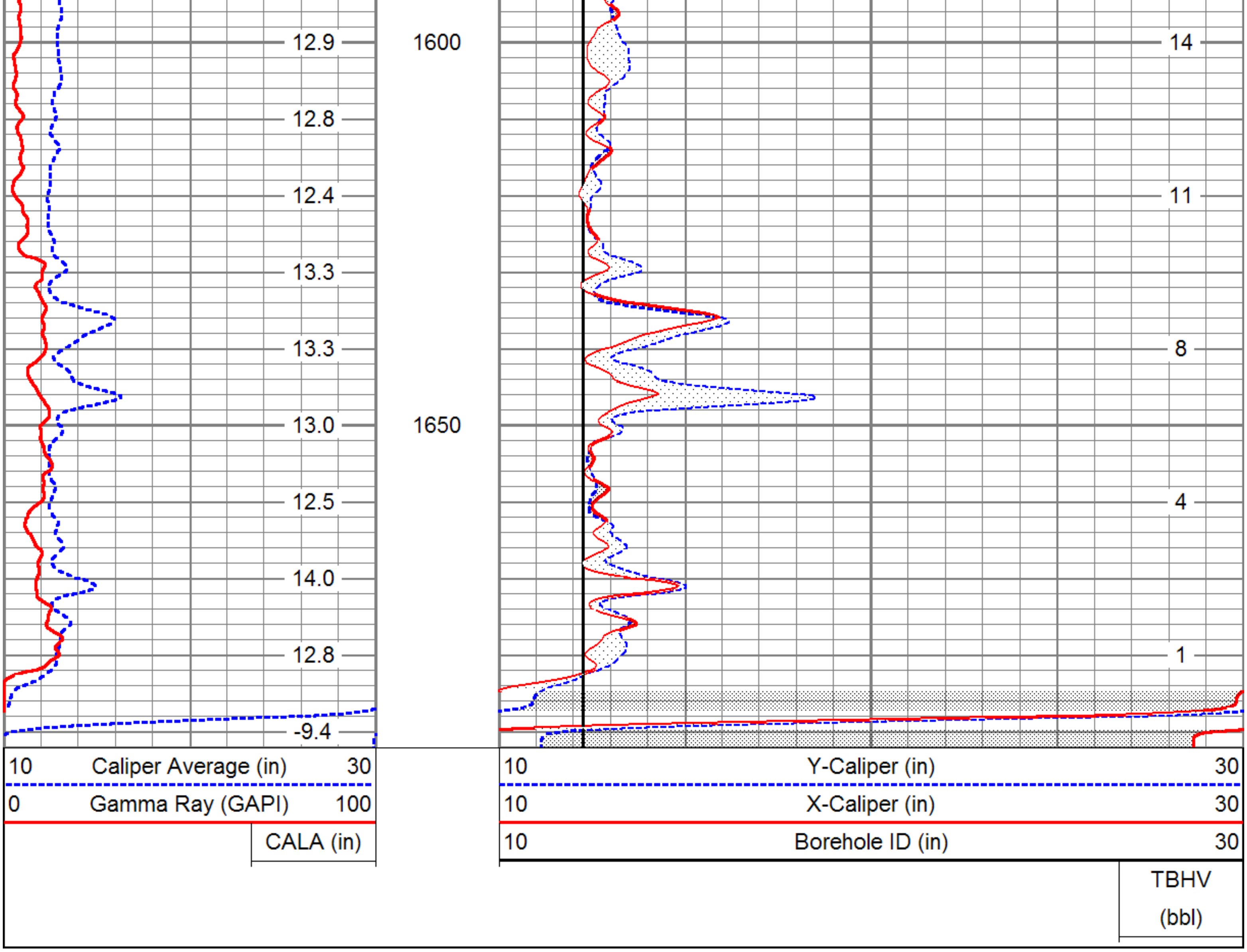
REPEAT PASS

Database File: kisspof29.db
Dataset Pathname: run5/XYCRP2
Presentation Format: xyc
Dataset Creation: Tue Jan 24 10:08:09 2012 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

10	Caliper Average (in)	30
0	Gamma Ray (GAPI)	100
	CALA (in)	

10	Y-Caliper (in)	30
10	X-Caliper (in)	30
10	Borehole ID (in)	30
	TBHV (bbl)	





Calibration Report

Database File: kisspof29.db
Dataset Pathname: run5/XYCMPFIN1
Dataset Creation: Sun Jan 22 14:01:51 2012 by Calc Open-Cased 071220

XY Caliper Calibration Report

Serial Number/Model: SDSDEMO-XY
Performed: Fri Jan 06 15:32:00 2012

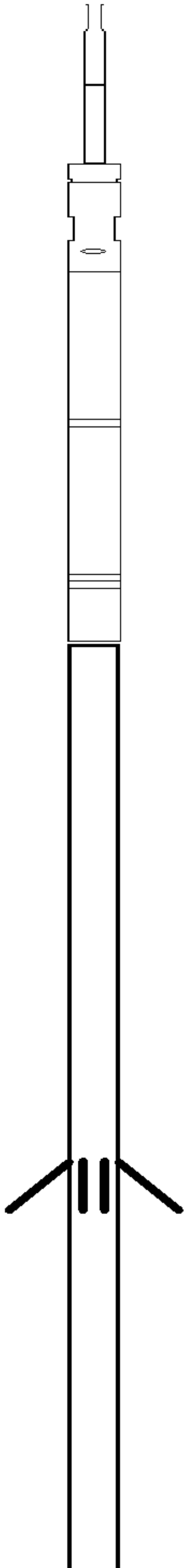
	Ring		X Caliper		Y Caliper	
1:	10	in	395	cps	373.152	cps
2:	12	in	436.6	cps	417.6	cps
3:	17.25	in	509	cps	493	cps
4:	20	in	539.243	cps	531.892	cps
5:	23.25	in	606	cps	585	cps
6:	30	in	709.565	cps	699.891	cps

Gamma Ray Calibration Report

Serial Number: SDS
Tool Model: SDSGR
Performed: Fri Jan 06 14:25:33 2012

Calibrator Value: 120.0 GAPI

Background Reading:	117.8	cps
Calibrator Reading:	585.1	cps
Sensitivity:	0.2568	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
			GR-SDSGR (SDS) GR for Testing	3.00	1.69	20.00
GR	7.00					
			XYC-XY (SDSDEMO) LGL_XYC_MM	6.00	3.50	100.00
XCAL	0.50					
YCAL	0.50					

Dataset:	kisspof29.db: field/well/run5/XYCRP1
Total Length:	10.00 ft
Total Weight:	125.00 lb
O.D.	3.50 in

ALLWEBBS ENTERPRISES, INC.

BOREHOLE COMPENSATED VARIABLE DENSITY LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #29
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

Other Services
SEE COMMENTS

SEC TWP RGE

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	27-SEPT-2011		
Run Number	ONE		
Depth Driller	300'		
Depth Logger	300'		
Bottom Logged Interval	300'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record

Run Number	Bit	From	To
ONE	12.25"	CASING	300'

Borehole Record

Run Number	Bit	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

Comments

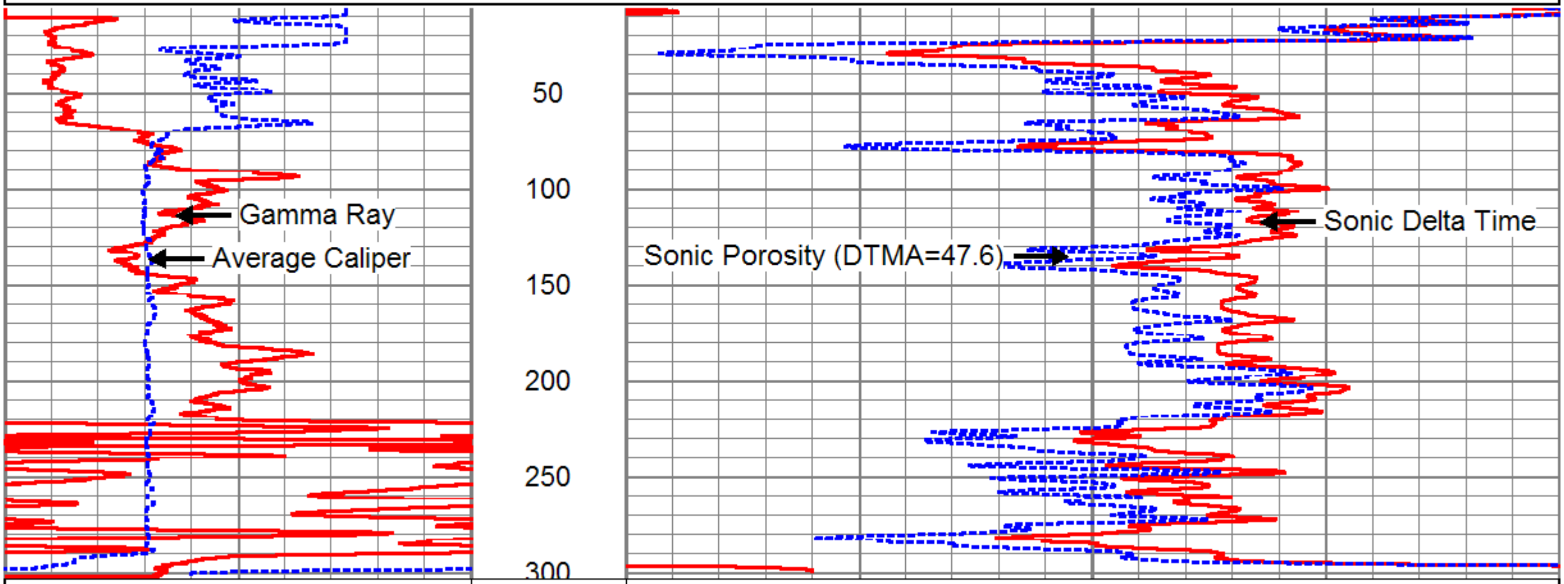
SP/GR/RES/LATERAL
XYC/GR

ALLWEBBS

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: BHCMPFINA
Presentation Format: bhc_por
Dataset Creation: Tue Sep 27 17:14:09 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:1200

0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu)	0



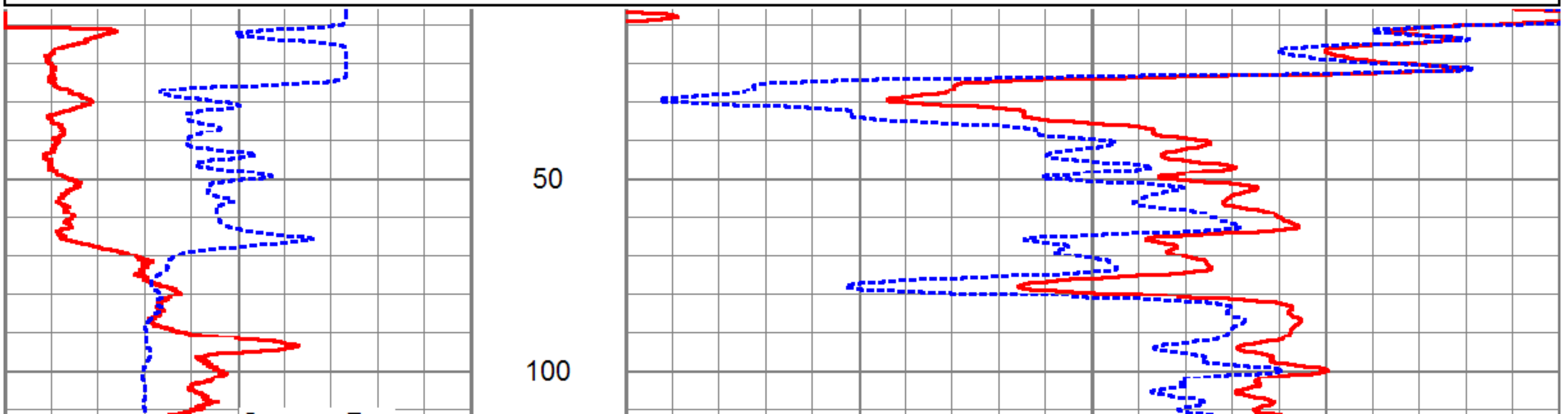
0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu)	0

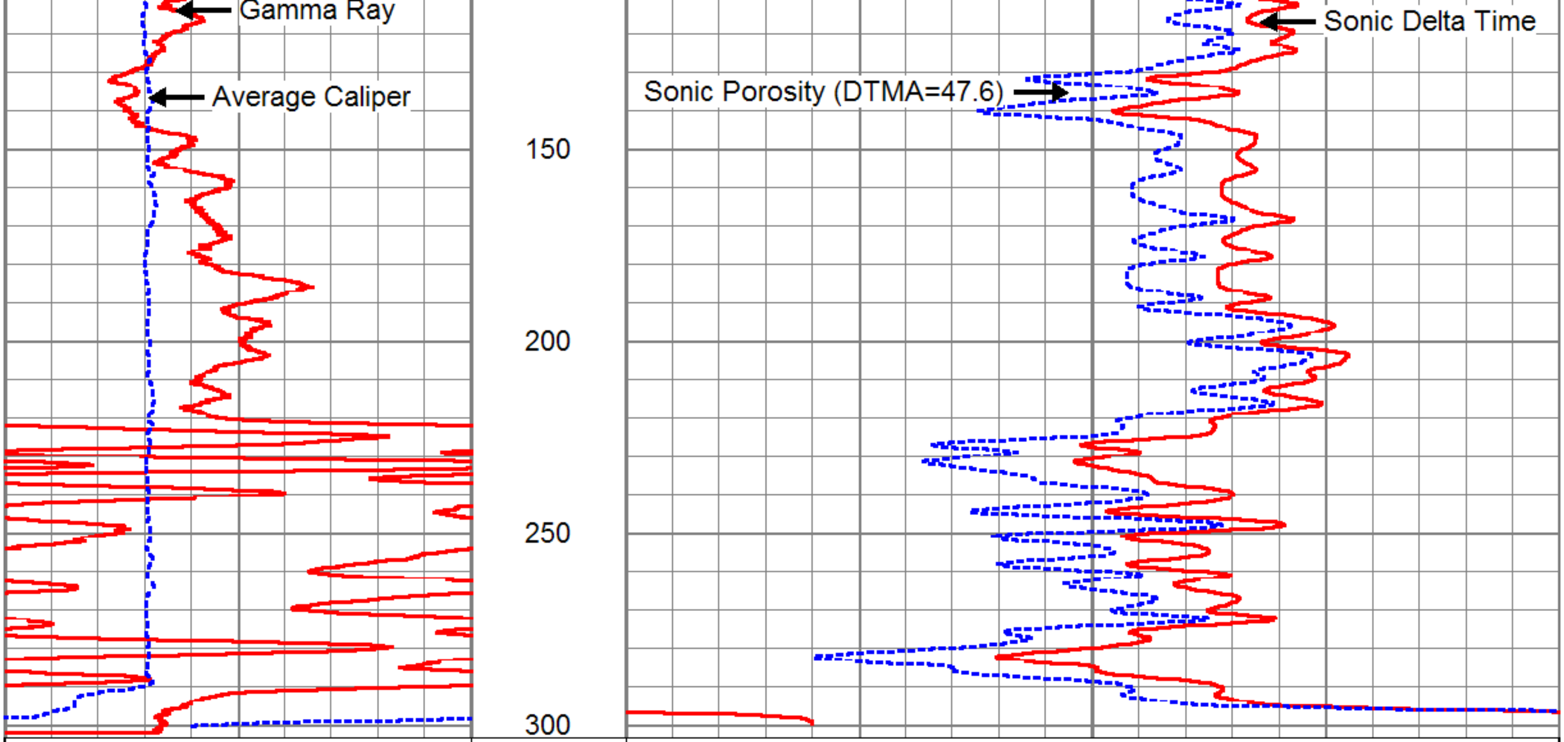
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: BHCMPFINA
Presentation Format: bhc_por
Dataset Creation: Tue Sep 27 17:14:09 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

0	GAMMA	200	240	DT (usec/ft) (usec/ft)	40
0	Average Caliper (in)	40	100	Sonic Porosity (DTMA=47.6) (pu)	0



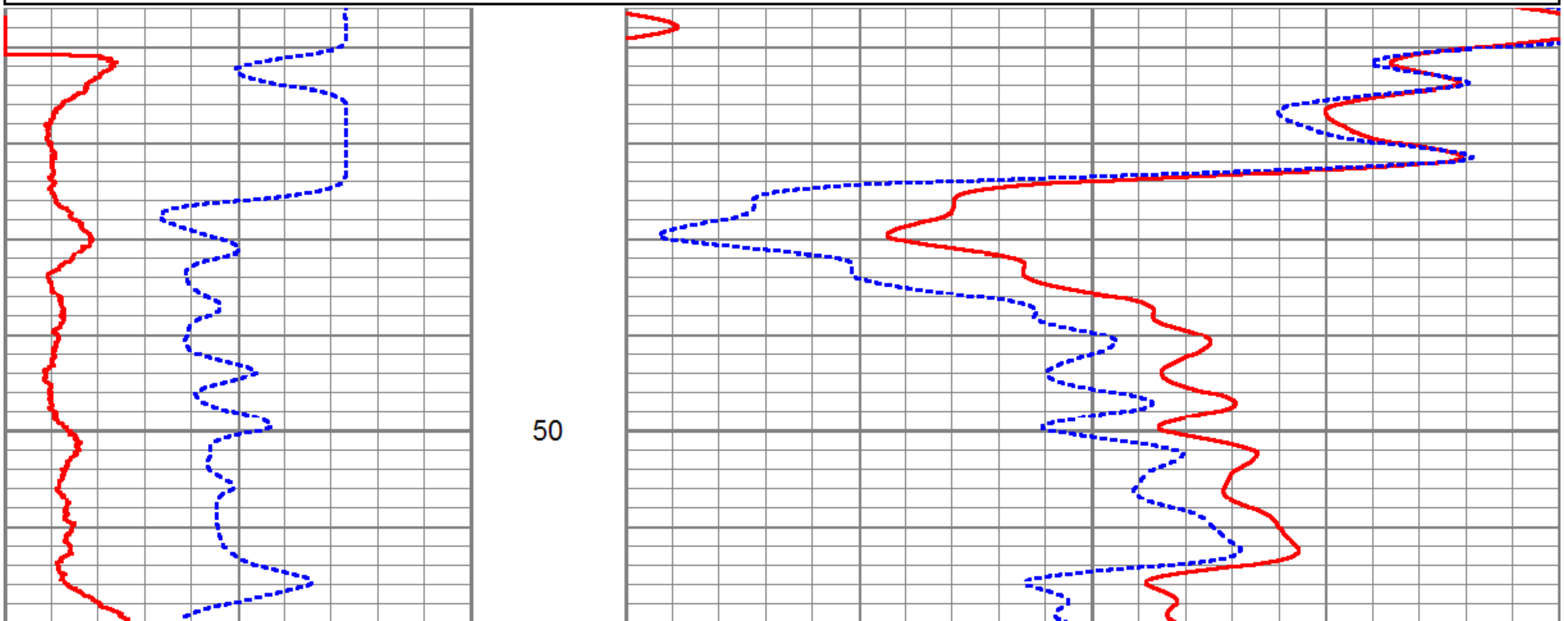


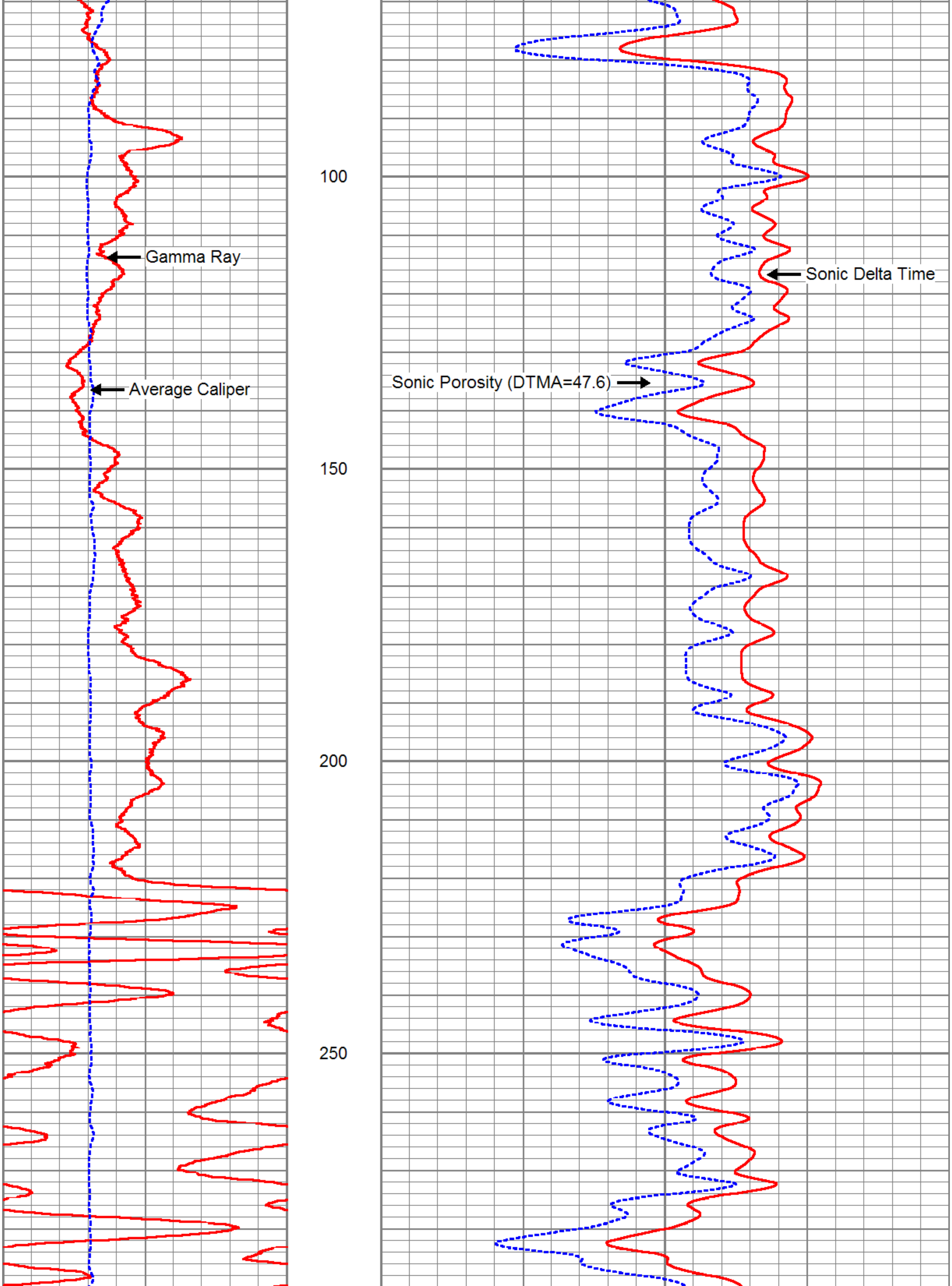
0 GAMMA 200	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) 0

MAIN PASS

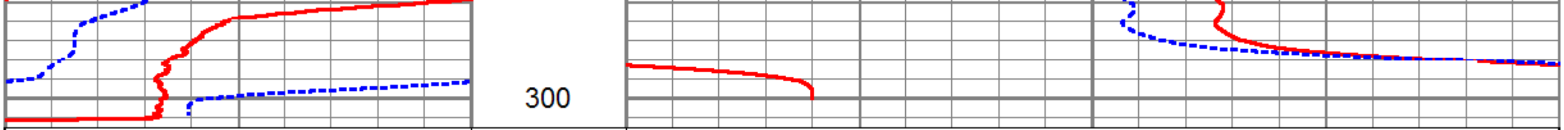
Database File: kisspof29.db
Dataset Pathname: BHCMPFINA
Presentation Format: bhc_por
Dataset Creation: Tue Sep 27 17:14:09 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 GAMMA 200	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) 0





Gamma Ray
Average Caliper
100
150
200
250
Sonic Delta Time
Sonic Porosity (DTMA=47.6)



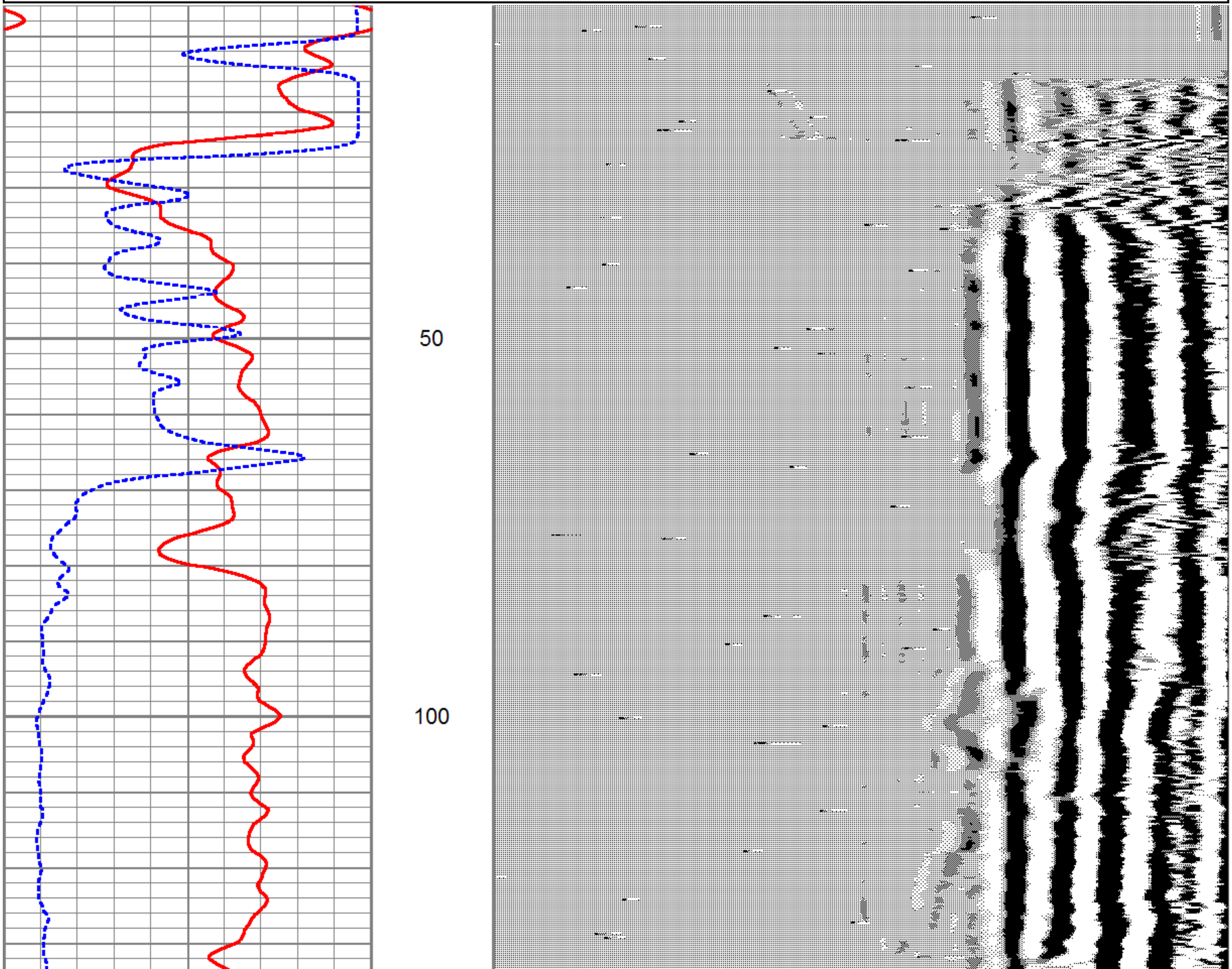
0 GAMMA 200	240 DT (usec/ft) (usec/ft) 40
0 Average Caliper (in) 40	100 Sonic Porosity (DTMA=47.6) (pu) 0

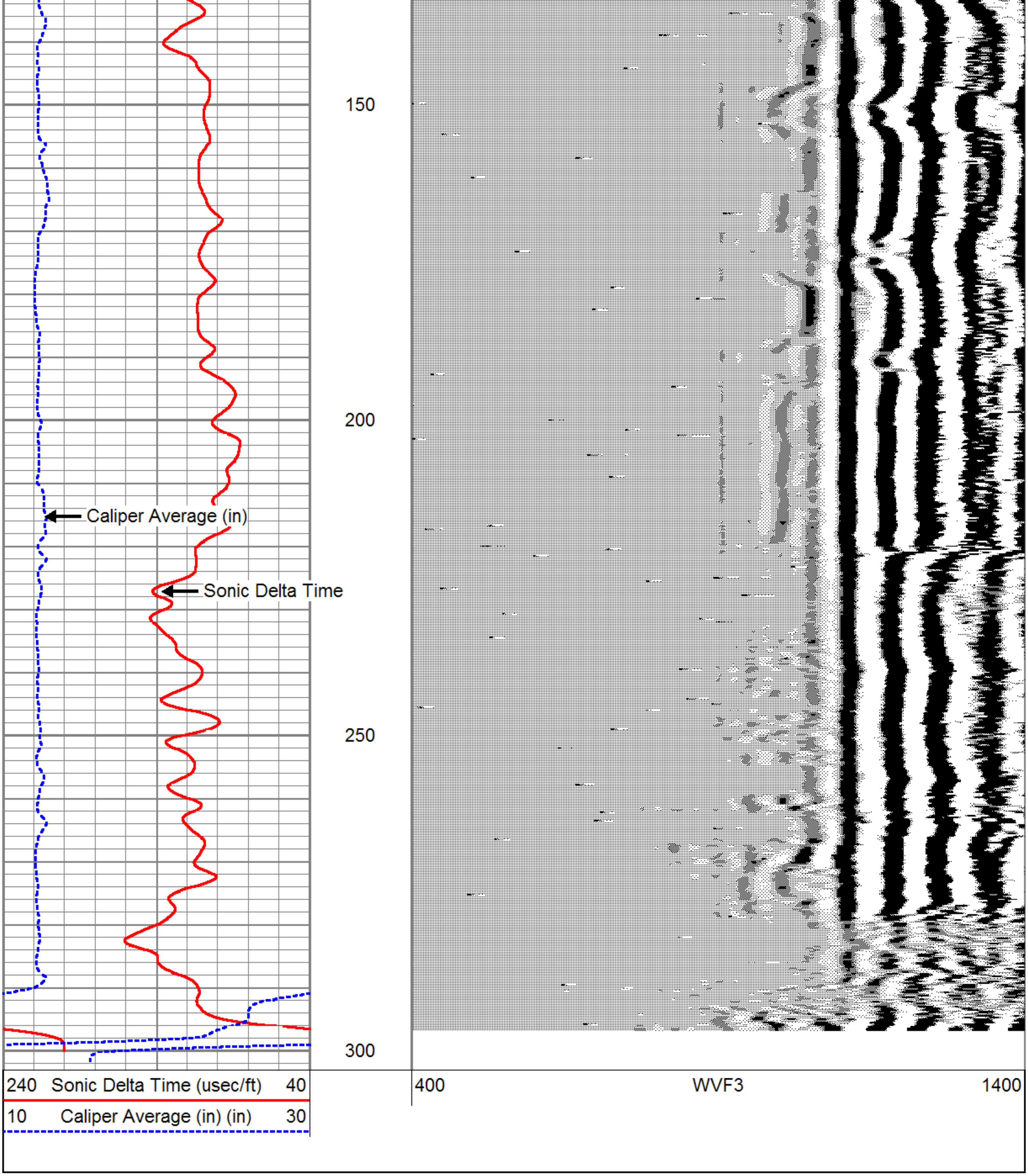
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: BHCMPFINA
Presentation Format: bhc
Dataset Creation: Tue Sep 27 17:14:09 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

240 Sonic Delta Time (usec/ft) 40	400 WVF3 1400
10 Caliper Average (in) (in) 30	





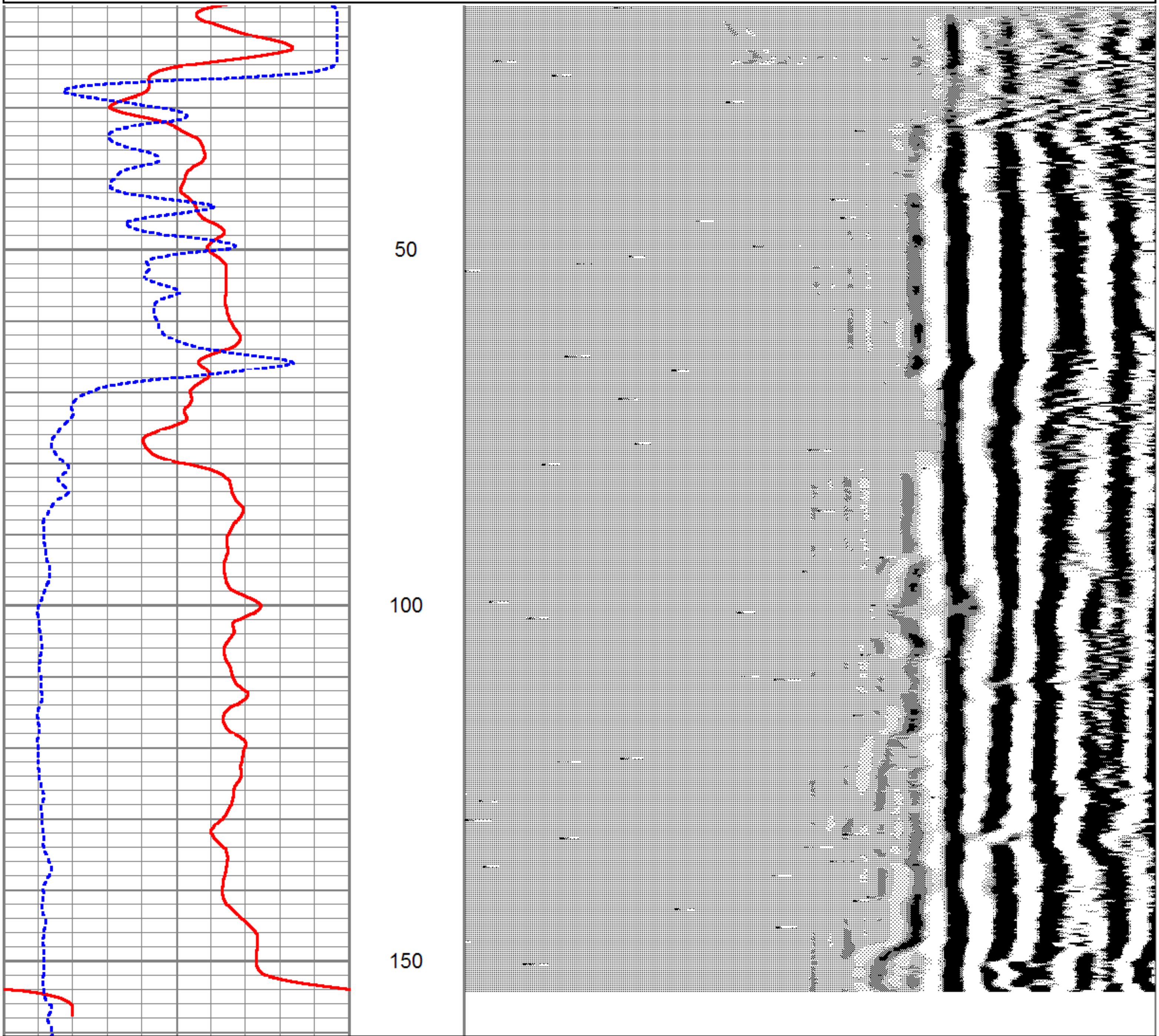
REPEAT PASS

Database File: kisspof29.db
Dataset Pathname: BHCRPFINA

Presentation Format: bhc
Dataset Creation: Tue Sep 27 17:16:47 2011 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

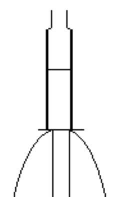
240 Sonic Delta Time (usec/ft) 40
10 Caliper Average (in) (in) 30

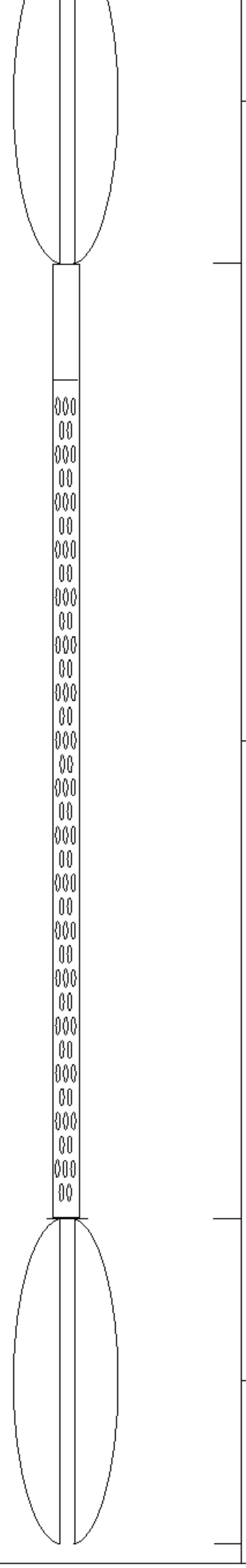
400 WVF3 1400



240 Sonic Delta Time (usec/ft) 40
10 Caliper Average (in) (in) 30

400 WVF3 1400

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00



		CBLINLINE	3.00	1.50	10.00
		SLT2Probe-Probe275(Probe) (1)	8.83	2.75	100.00
WVF1	7.25				
WVF2	7.25				
WVF3	6.25				
WVF4	6.25				
		CBLINLINE	3.00	1.50	10.00

Dataset: kisspof29.db: field/well/run1/BHCRPFINA
Total Length: 15.83 ft
Total Weight: 125.00 lb
O.D. 2.75 in

RESISTIVITY LATERAL SP/GR LOG

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company	SOUTH FLORIDA MGT. DISTRICT		
Well	POF #29		
Field	KISSIMMEE BASIN (LFA)		
County	POLK	State	FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation	Elevation
Log Measured From	PAD		K.B.
Drilling Measured From	PAD		D.F.
			G.L.

Date	27-SEPT-2011		
Run Number	ONE		
Depth Driller	300'		
Depth Logger	300'		
Bottom Logged Interval	300'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	CASING	300'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String				
Production String				
Liner				

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Comments

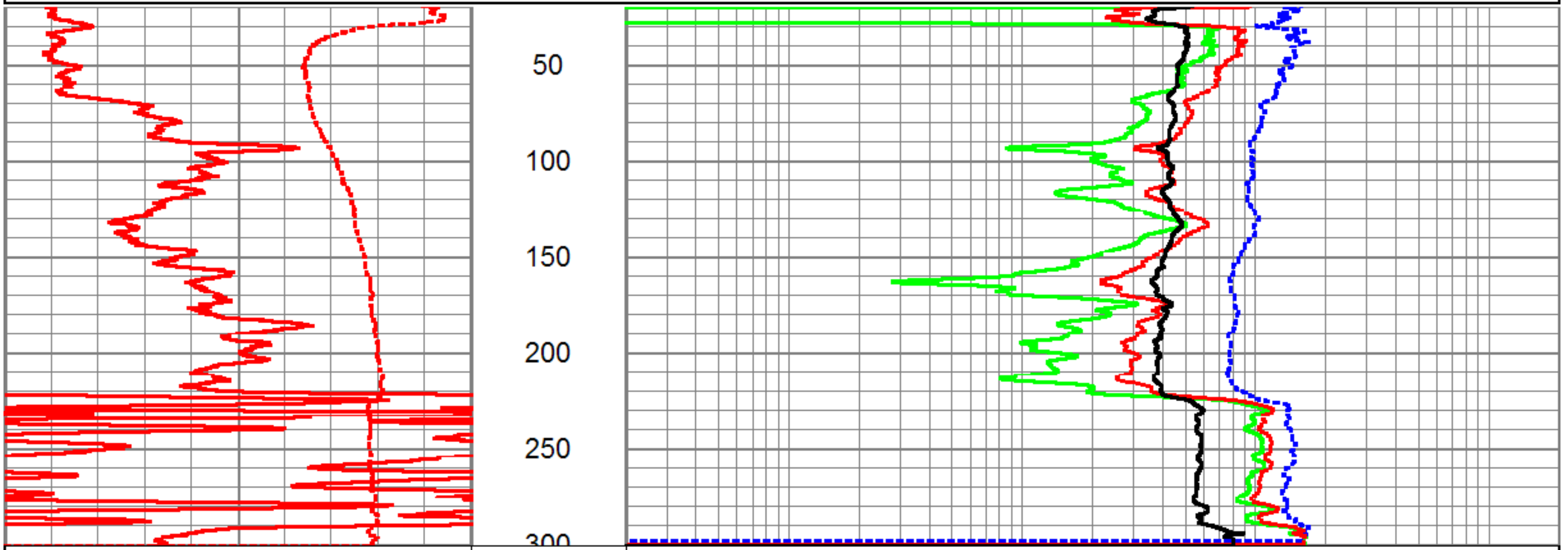
XYC/GR
BHC/SONIC/VDL

MAIN PASS

ENTERPRISES, INC.

Database File: kisspof29.db
Dataset Pathname: run1RESMP/@00bd13a4
Presentation Format: cent-res
Dataset Creation: Tue Sep 27 18:04:38 2011
Charted by: Depth in Feet scaled 1:1200

0	Gamma Ray	200		0.2	Lateral Resistivity	2000
0	Spontaneous Potential	100		0.2	Deep Resistivity	2000
0	SP	100		0.2	Medium Resistivity	2000
				0.2	Shallow Resistivity	2000



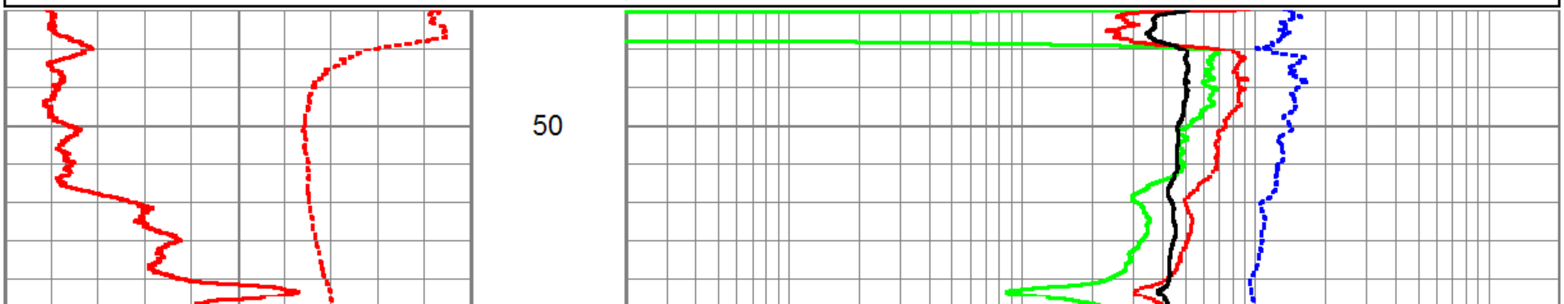
0	Gamma Ray	200		0.2	Lateral Resistivity	2000
0	Spontaneous Potential	100		0.2	Deep Resistivity	2000
0	SP	100		0.2	Medium Resistivity	2000
				0.2	Shallow Resistivity	2000

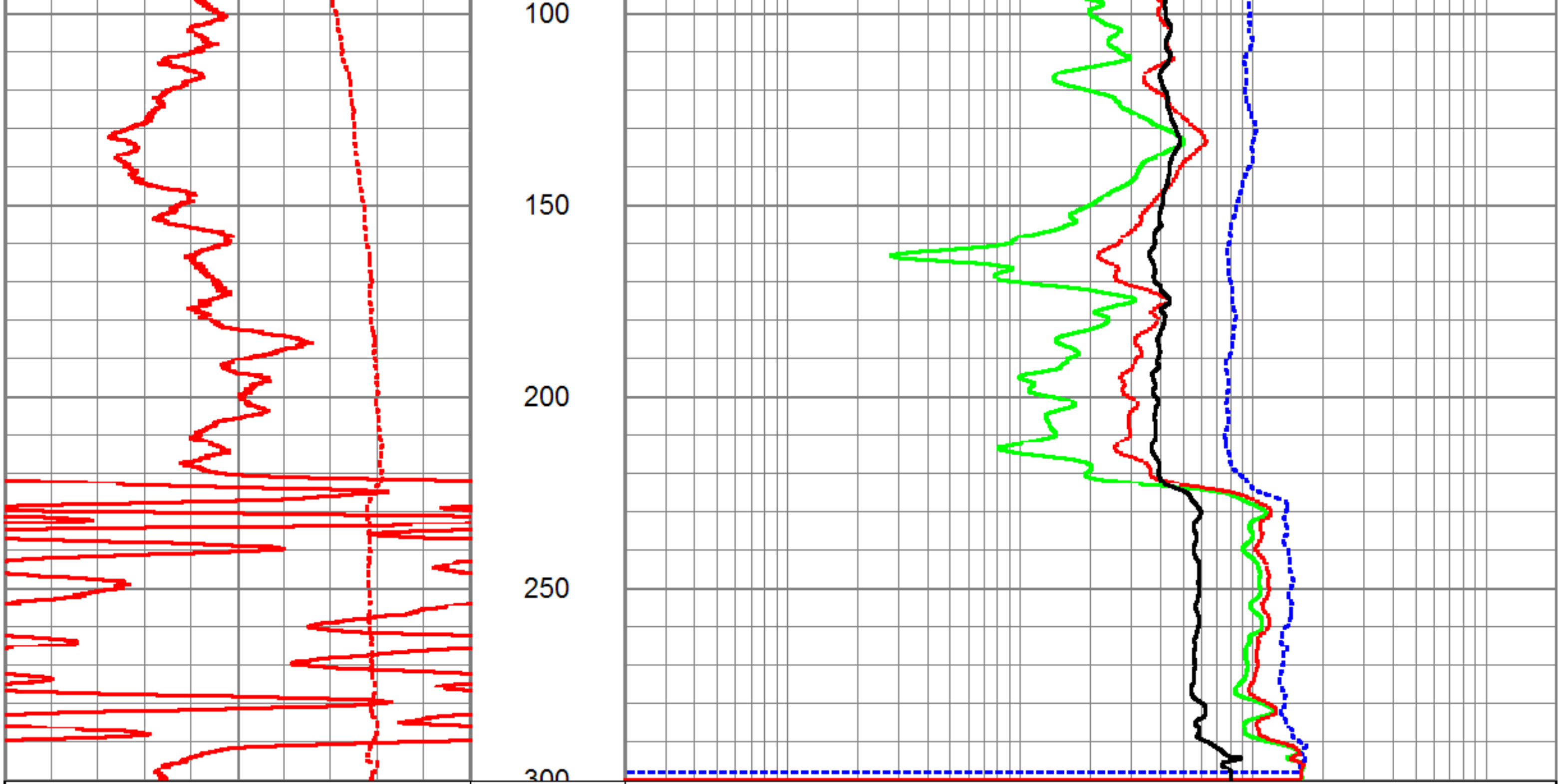
ALLWEBBS ENTERPRISES, INC.

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run1RESMP/@00bd13a4
Presentation Format: cent-res
Dataset Creation: Tue Sep 27 18:04:38 2011
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	200		0.2	Lateral Resistivity	2000
0	Spontaneous Potential	100		0.2	Deep Resistivity	2000
0	SP	100		0.2	Medium Resistivity	2000
				0.2	Shallow Resistivity	2000





0	Gamma Ray	200
0	Spontaneous Potential	100
0	SP	100

0.2	Lateral Resistivity	2000
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000

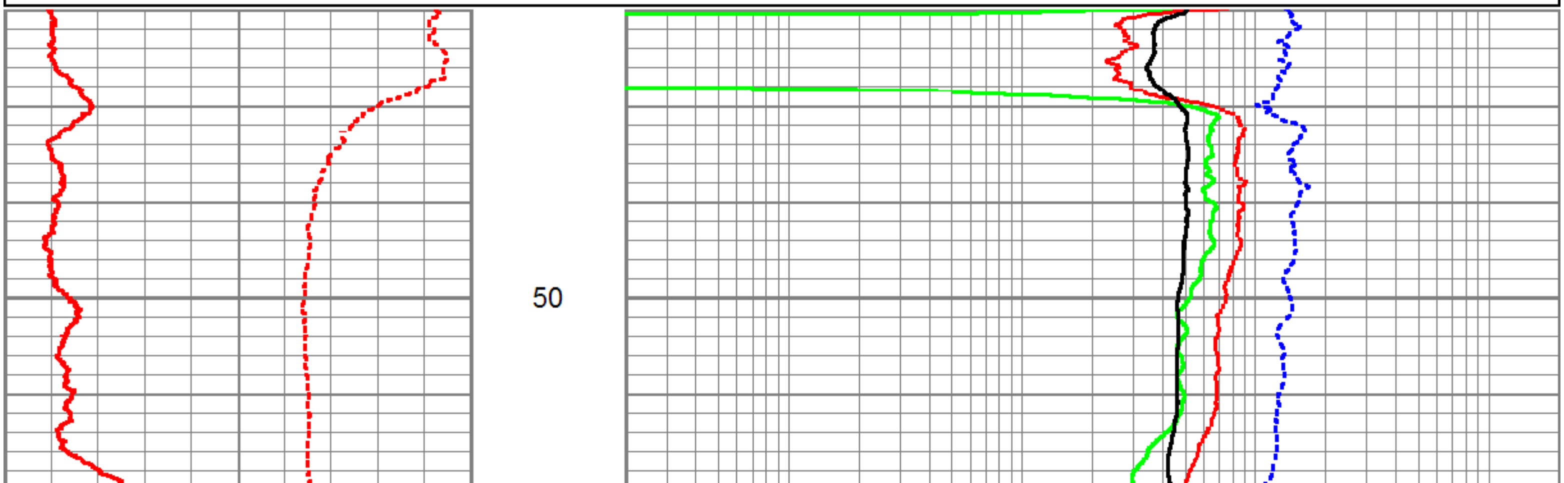
ALLWEBBS ENTERPRISES, INC.

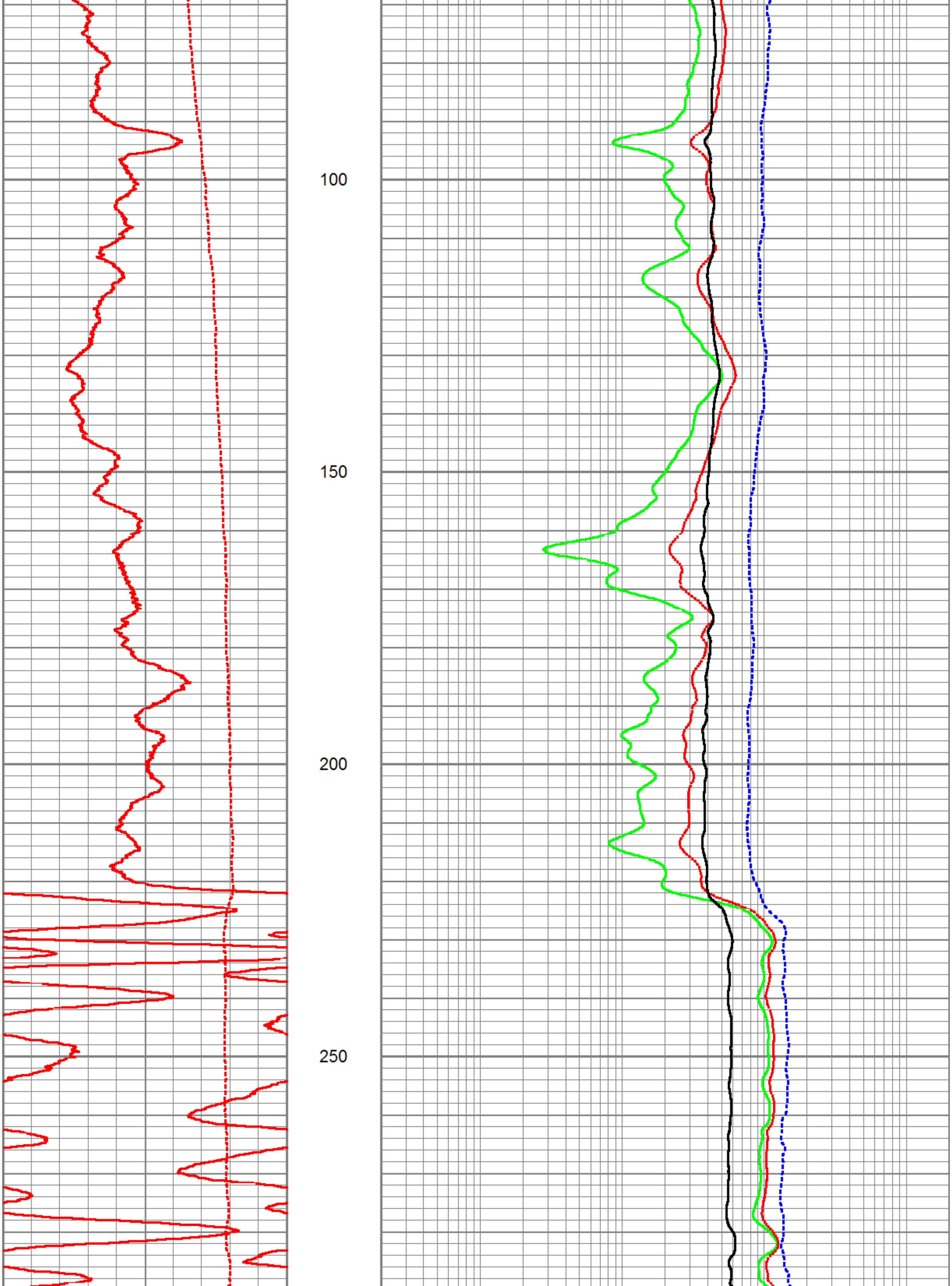
MAIN PASS

Database File: kisspof29.db
Dataset Pathname: run1RESMP/@00bd13a4
Presentation Format: cent-res
Dataset Creation: Tue Sep 27 18:04:38 2011
Charted by: Depth in Feet scaled 1:240

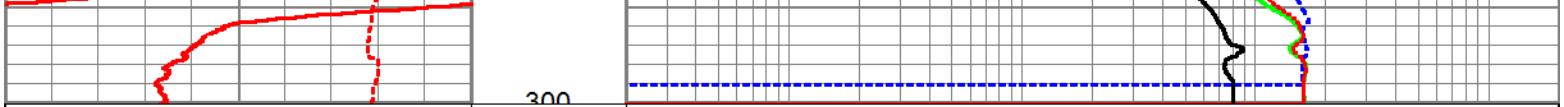
0	Gamma Ray	200
0	Spontaneous Potential	100
0	SP	100

0.2	Lateral Resistivity	2000
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000





100
150
200
250



0	Gamma Ray	200
0	Spontaneous Potential	100
0	SP	100

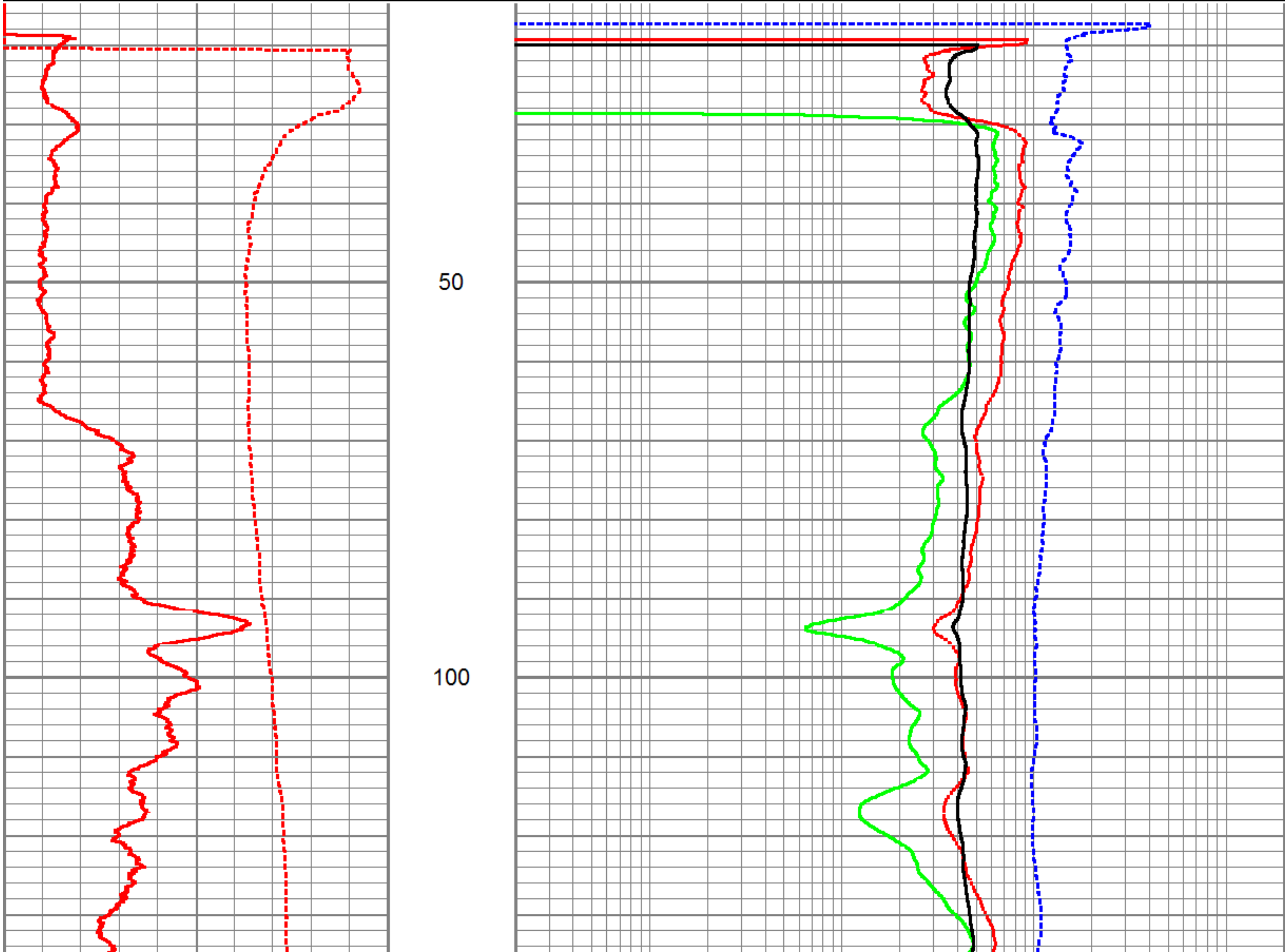
0.2	Lateral Resistivity	2000
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000

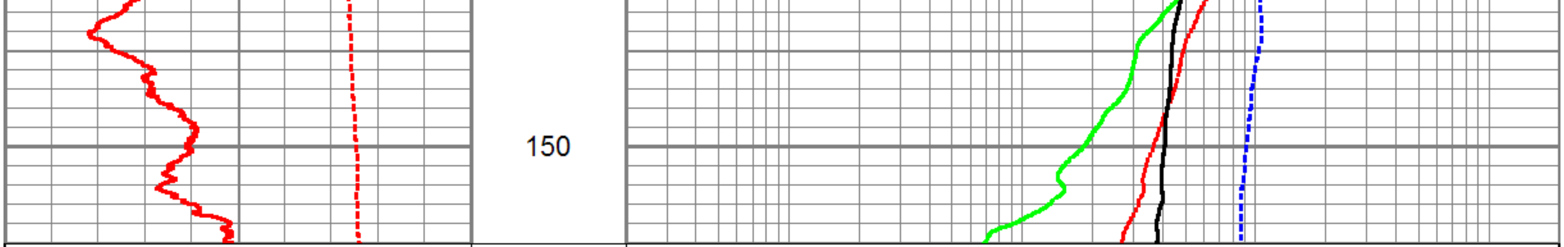
REPEAT PASS

Database File: kisspof29.db
Dataset Pathname: run1RESRP/@00bf8ffb
Presentation Format: cent-res
Dataset Creation: Tue Sep 27 18:10:05 2011
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	200
0	Spontaneous Potential	100
0	SP	100

0.2	Lateral Resistivity	2000
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000





0	Gamma Ray	200
0	Spontaneous Potential	100
0	SP	100

0.2	Lateral Resistivity	2000
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000

Calibration Report

Database File: kisspof29.db
Dataset Pathname: RGDILMP
Dataset Creation: Tue Sep 27 16:26:33 2011 by Log Open-Cased 071220

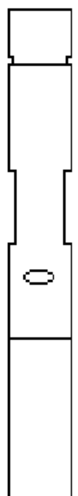
Gamma Ray Calibration Report

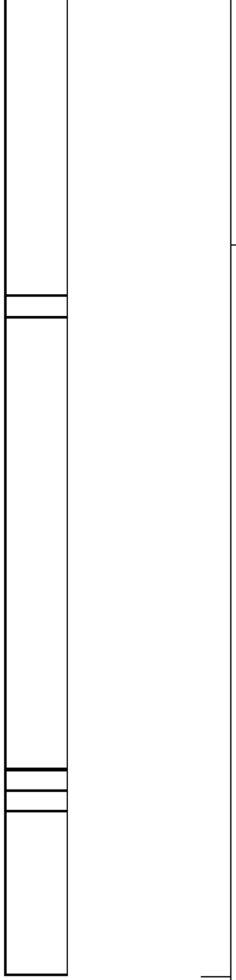
Serial Number:	5562	
Tool Model:	6CHAN	
Performed:	Mon Sep 26 11:18:23 2011	
Calibrator Value:	120.0	GAPI
Background Reading:	11.5	
Calibrator Reading:	115.5	
Sensitivity:	1.1531	GAPI/

Dual Induction Calibration Report

Serial-Model: 5562-6CHAN
Surface Cal Performed:

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	32266.100	42873.100	0.000	1650.000	mmho-m	0.156	-5019.239
Medium	33090.100	50087.600	0.000	3300.000	mmho-m	0.194	-6424.320

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	6.50					

			RGDILGR-6CHAN (5562) Robertson Geologging Dual Induction Gamma Ray	7.06	1.50	13.67
CILD	2.63					
CILM	1.54					

Dataset: kisspof29.db: field/well/run1/RGDILMP
Total Length: 7.06 ft
Total Weight: 13.67 lb
O.D. 1.50 in

X-Y CALIPER GAMMA RAY LOG

ALLWEBBS ENTERPRISES, INC.

Company	SOUTH FLORIDA MGT. DISTRICT
Well	POF #29
Field	KISSIMMEE BASIN (LFA)
County	POLK
State	FLORIDA

Company SOUTH FLORIDA MGT. DISTRICT
Well POF #29
Field KISSIMMEE BASIN (LFA)
County POLK State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L.

Date	27-SEPT-2011		
Run Number	ONE		
Depth Driller	300'		
Depth Logger	300'		
Bottom Logged Interval	300'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	00:00		
Time Logger on Bottom	00:00		
Equipment Number	VA-202		
Location	JUPITER		
Recorded By	LEE		
Witnessed By			

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	CASING	300'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375 W.T	SURFACE	30'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

Comments

SP/GR/RES/LATERAL
BHC/SONIC/VDL

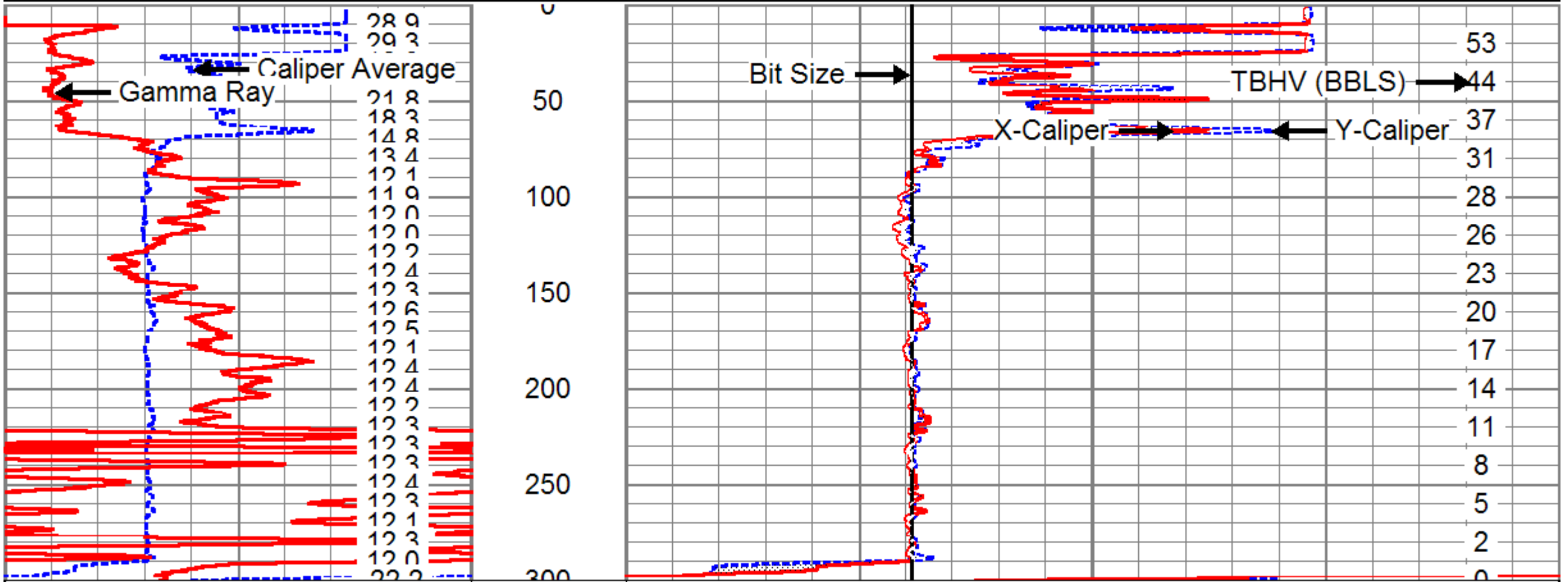
MAIN PASS

ALLWEBBS

Database File: kisspof29.db
Dataset Pathname: XYCMP
Presentation Format: xyc
Dataset Creation: Tue Sep 27 15:47:26 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:1200

0 Caliper Average (in) 40
0 GAMMA 200
CALA (in)

0 Y-Caliper (in) 40
0 X-Caliper (in) 40
0 Borehole ID (in) 40
TBHV (BBLS (bbl)



0 Caliper Average (in) 40
0 GAMMA 200
CALA (in)

0 Y-Caliper (in) 40
0 X-Caliper (in) 40
0 Borehole ID (in) 40
TBHV (BBLS (bbl)

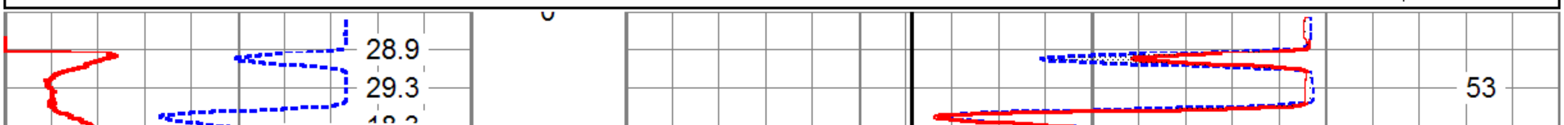
ALLWEBBS ENTERPRISES, INC.

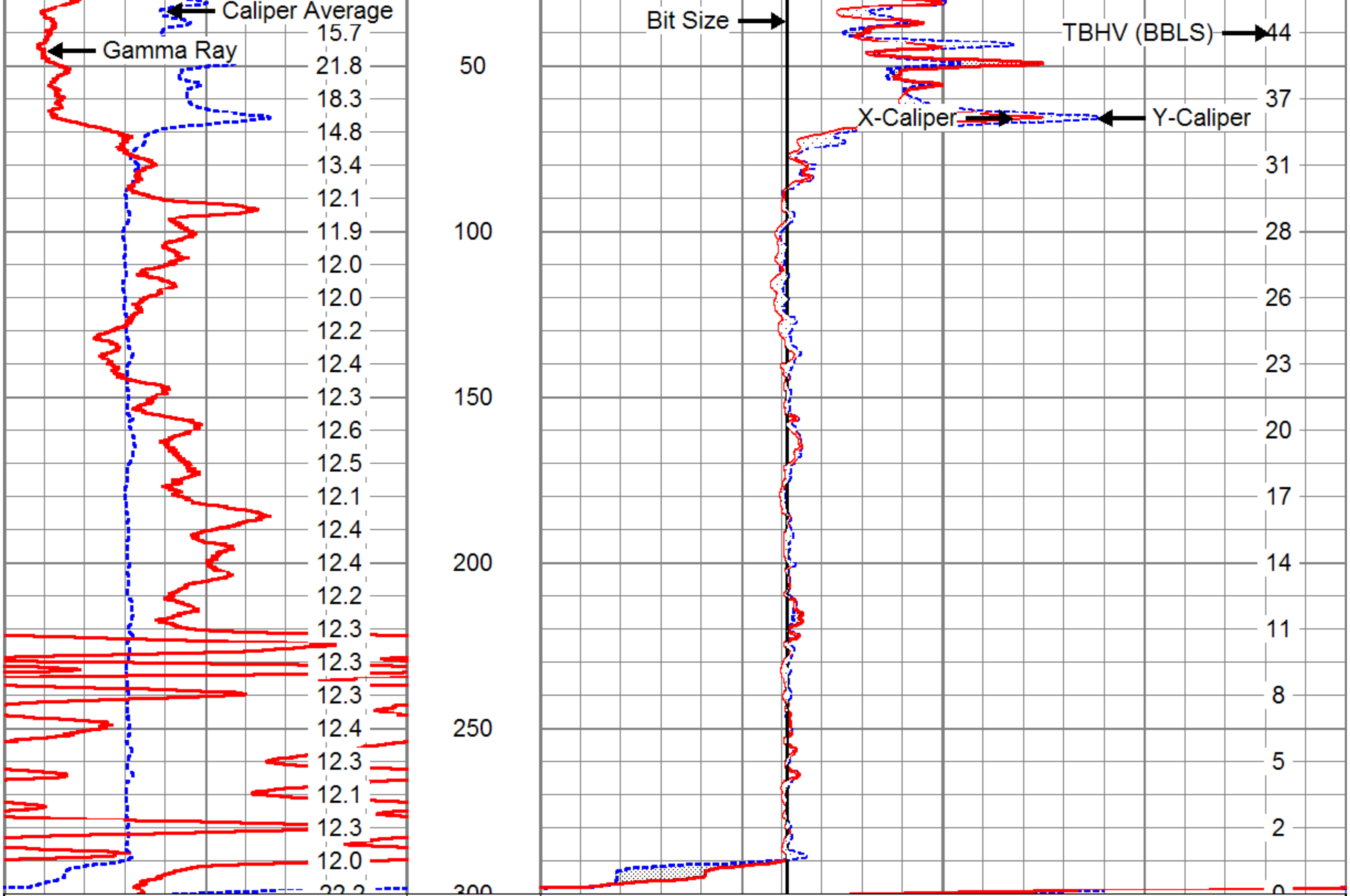
MAIN PASS

Database File: kisspof29.db
Dataset Pathname: XYCMP
Presentation Format: xyc
Dataset Creation: Tue Sep 27 15:47:26 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:600

0 Caliper Average (in) 40
0 GAMMA 200
CALA (in)

0 Y-Caliper (in) 40
0 X-Caliper (in) 40
0 Borehole ID (in) 40
TBHV (BBLS (bbl)



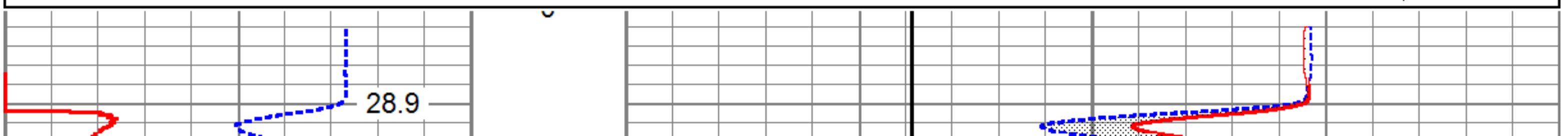


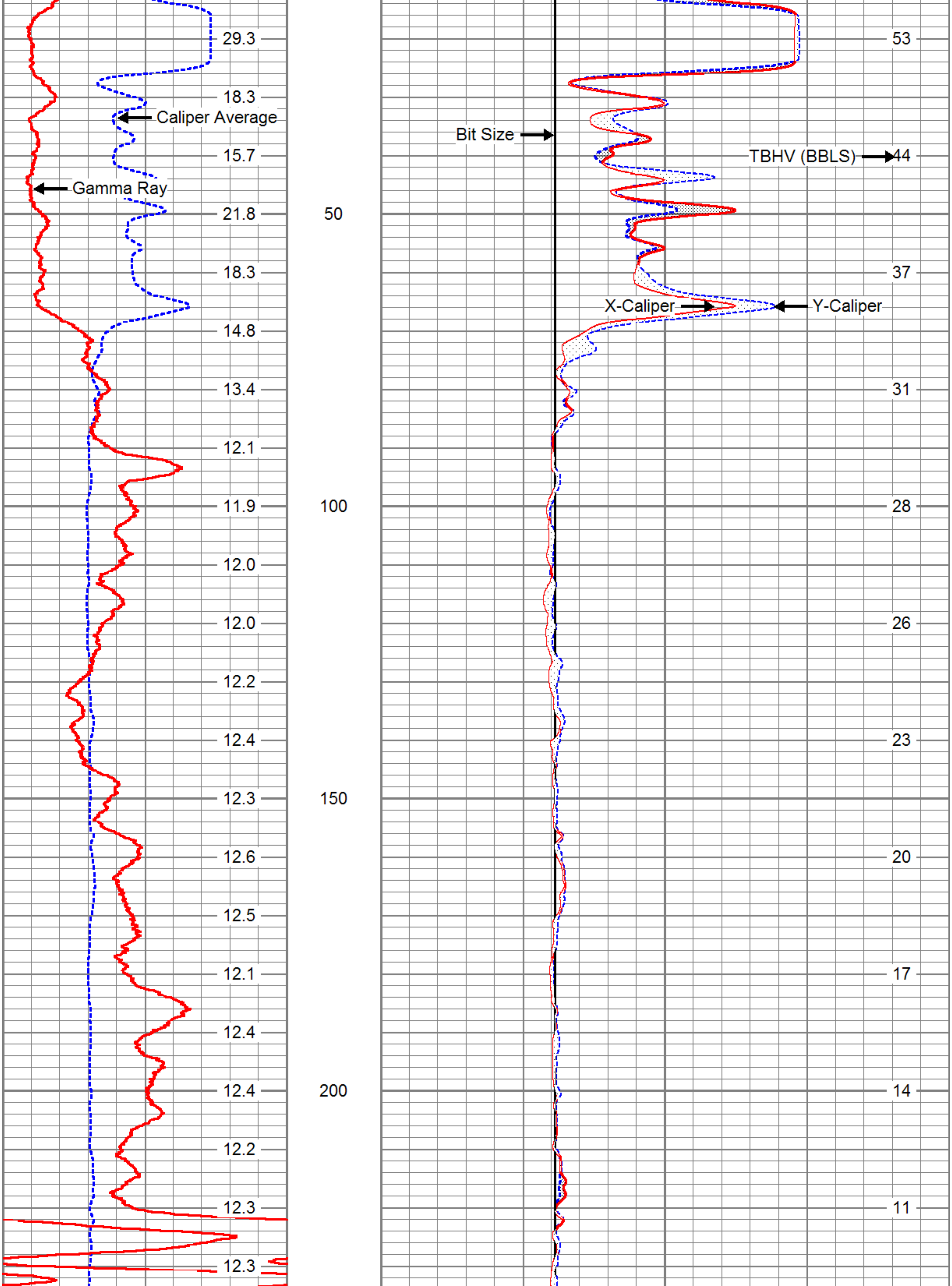
0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 GAMMA 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (BBLS (bbl)

MAIN PASS

Database File: kisspof29.db
Dataset Pathname: XYCMP
Presentation Format: xyc
Dataset Creation: Tue Sep 27 15:47:26 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

0 Caliper Average (in) 40	0 Y-Caliper (in) 40
0 GAMMA 200	0 X-Caliper (in) 40
CALA (in)	0 Borehole ID (in) 40
	TBHV (BBLS (bbl)





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12.2
12.3
12.3
50
100
150
200
Bit Size
TBHV (BBLS)
X-Caliper
Y-Caliper
53
44
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31
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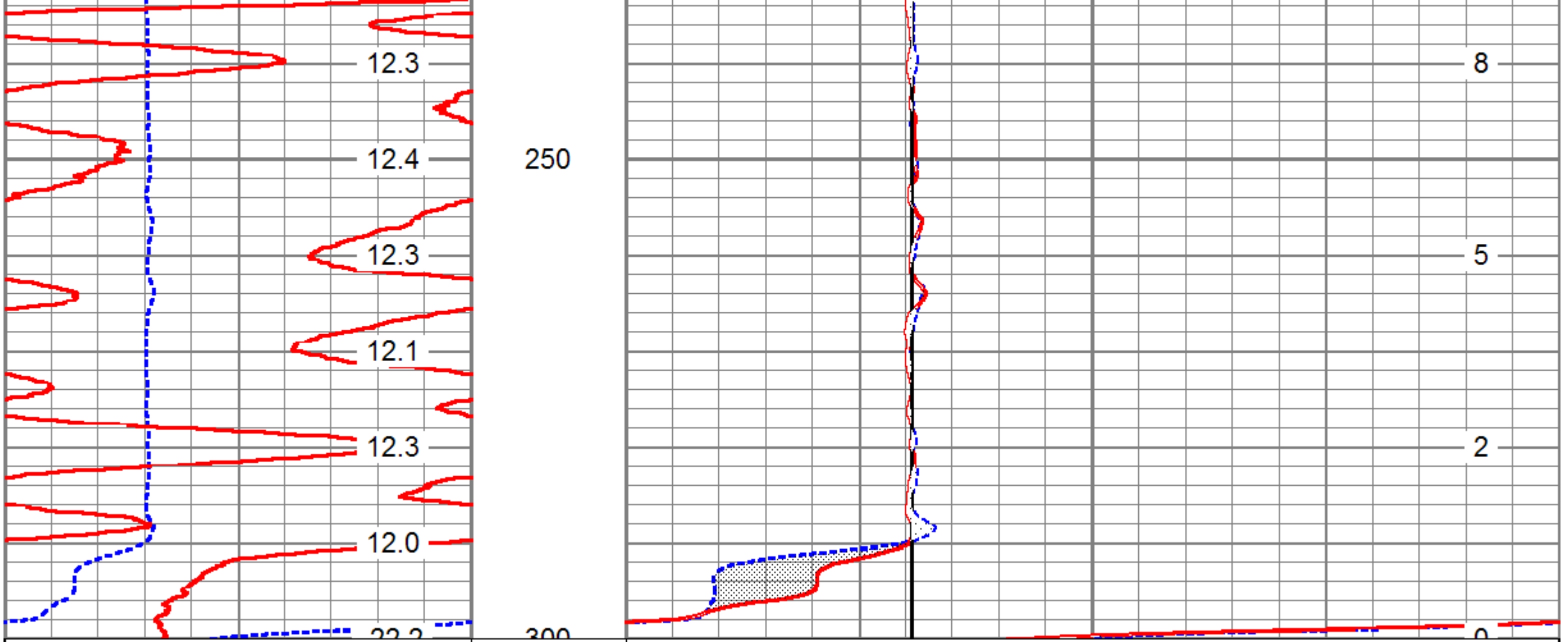

0	Caliper Average (in)	40
0	GAMMA	200
	CALA (in)	

0	Y-Caliper (in)	40
0	X-Caliper (in)	40
0	Borehole ID (in)	40
	BHV (BBLS (bbl)	

REPEAT PASS

Database File: kisspof29.db
Dataset Pathname: XYCRP
Presentation Format: xyc
Dataset Creation: Tue Sep 27 15:59:50 2011 by Log Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

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	CALA (in)	

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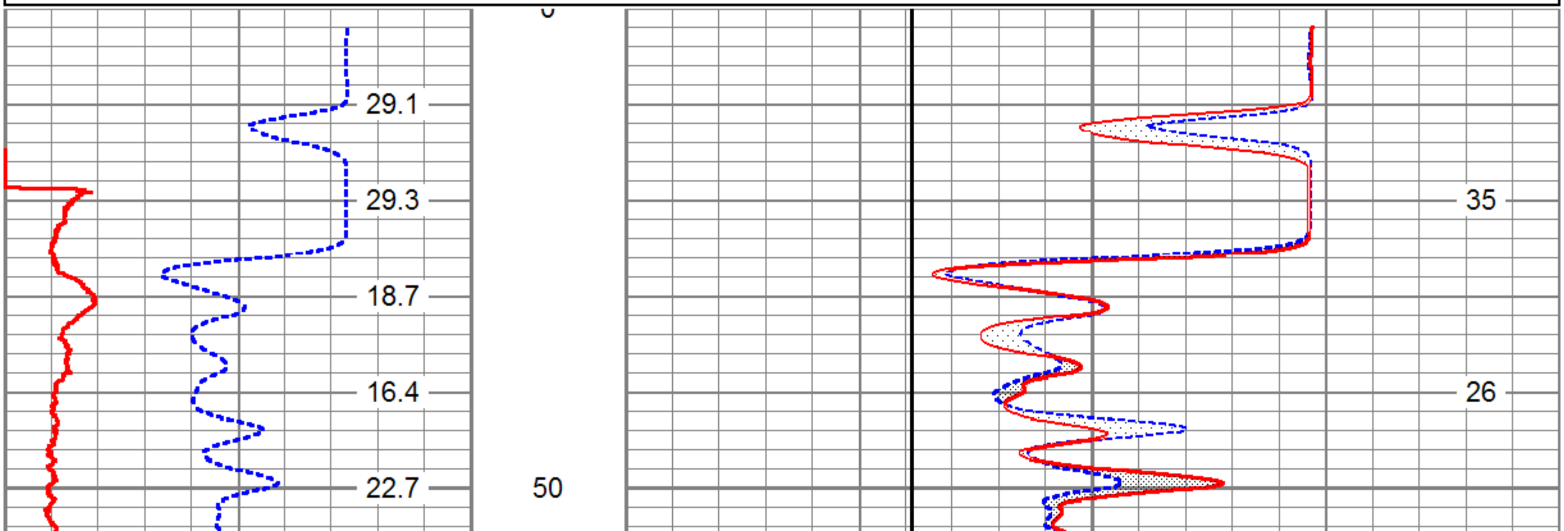
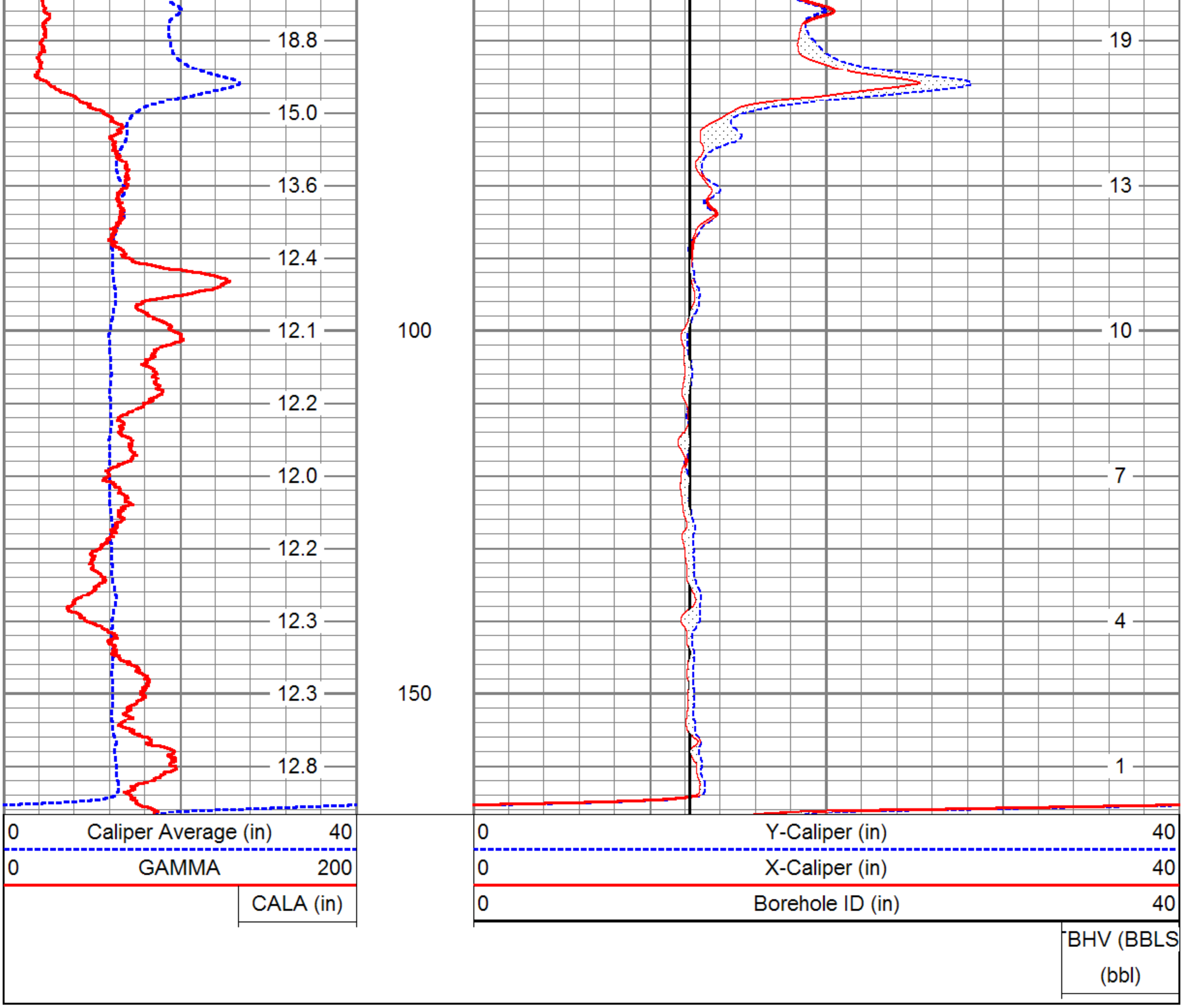
0	X-Caliper (in)	40
0	Borehole ID (in)	40
	BHV (BBLS (bbl)	





Calibration Report

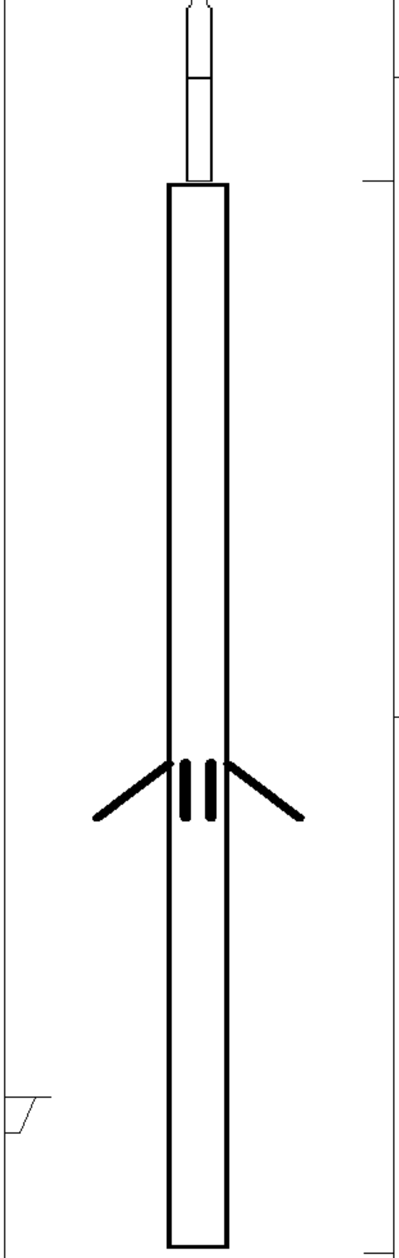
Database File: kisspof29.db
Dataset Pathname: XYCMP
Dataset Creation: Tue Sep 27 15:47:26 2011 by Log Open-Cased 071220

XY Caliper Calibration Report

Serial Number/Model: Probe1-Probe
Performed: Fri Sep 23 15:35:05 2011

	Ring		X Caliper		Y Caliper	
1:	6	in	353.173	cps	385.341	cps
2:	10.625	in	405.3	cps	446	cps
3:	13	in	438.1	cps	485.2	cps
4:	15.25	in	478.545	cps	517.723	cps
5:	20	in	535.441	cps	588.881	cps
6:	27.25	in	654.1	cps	710.1	cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)



		CHD-SDSCHD (SDS) Cable Head	1.00	1.50	5.00
		XYC-Probe (Probe1) Probe _AWE-XY Caliper SM	5.17	3.50	99.00
XCAL	0.75				
YCAL	0.75				

Dataset:	kisspof29.db: field/well/run1/XYCMP
Total Length:	6.17 ft
Total Weight:	104.00 lb
O.D.	3.50 in

POF-27

Depth 1ft:8ft	Digital Borehole Image (OBI 40, MK IV) 0° 90° 180° 270° 0°	Caliper 0 Inches 20

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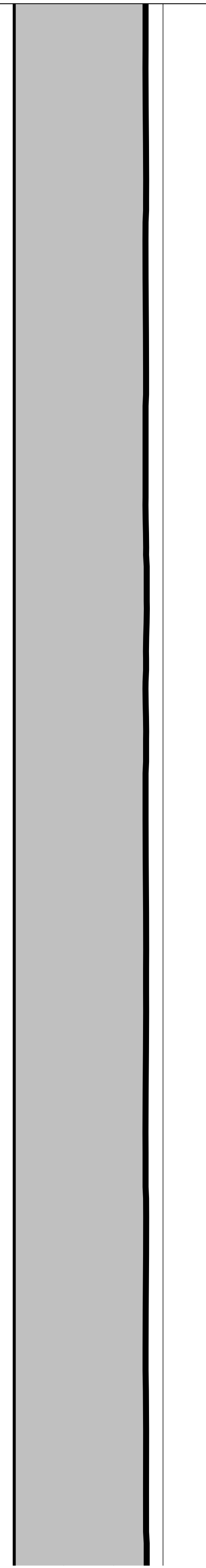

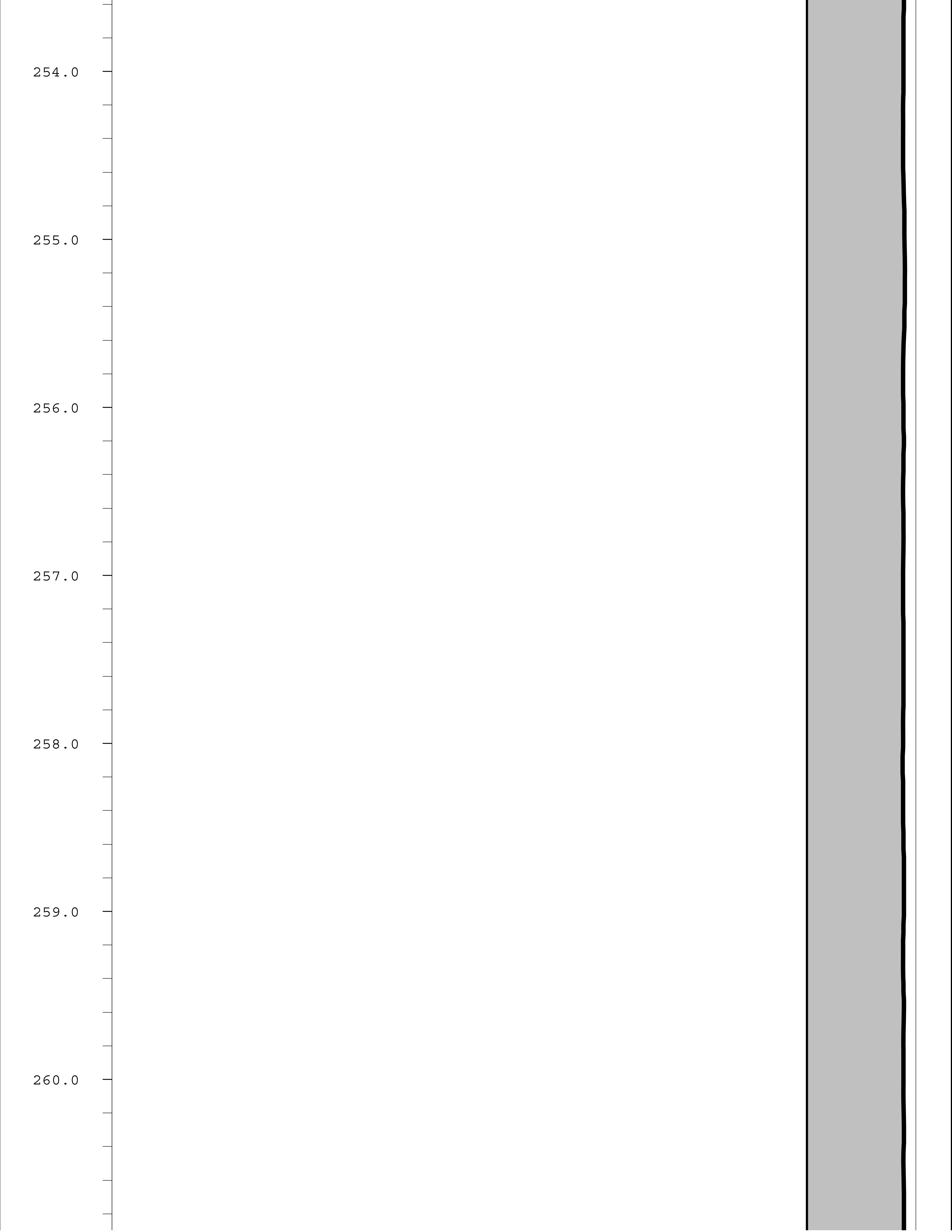
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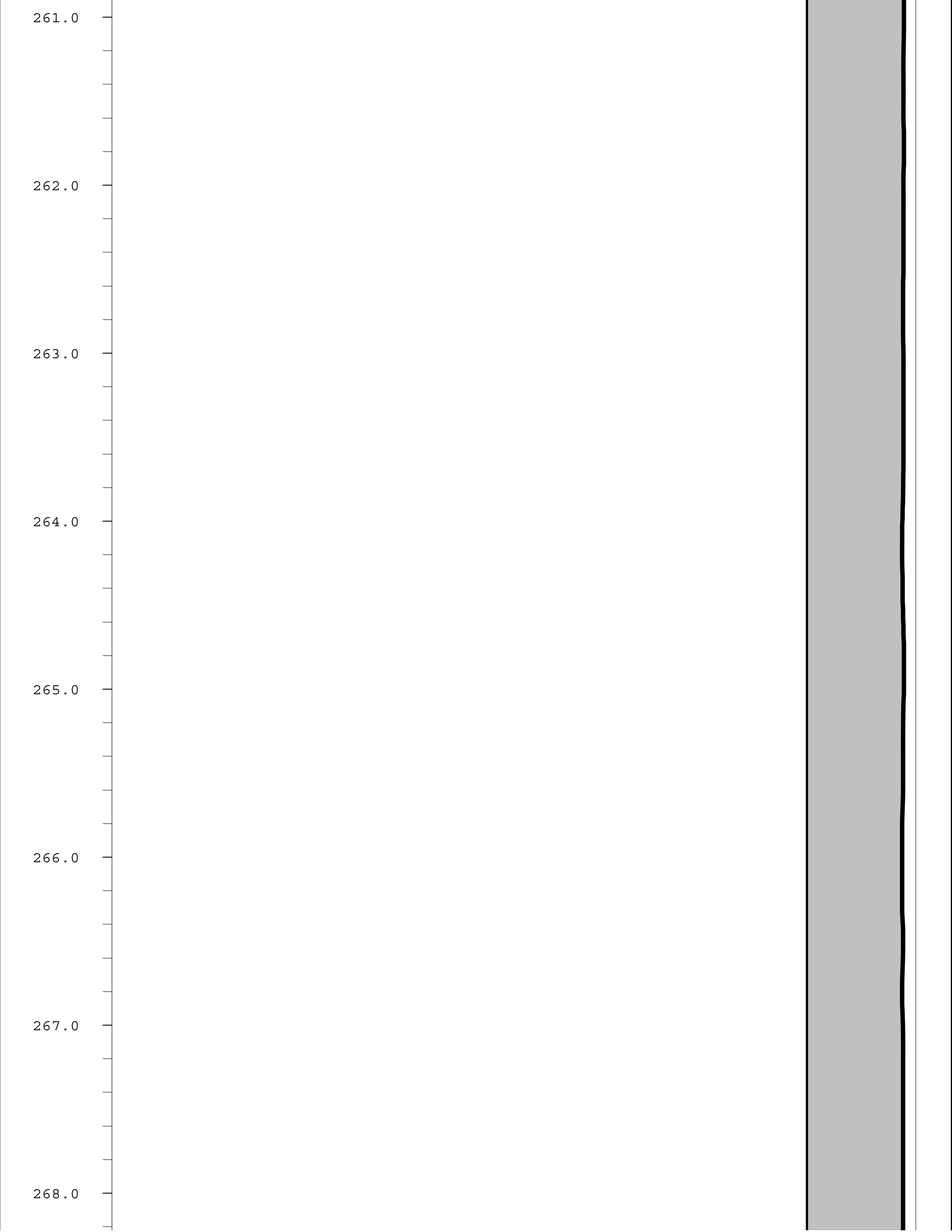
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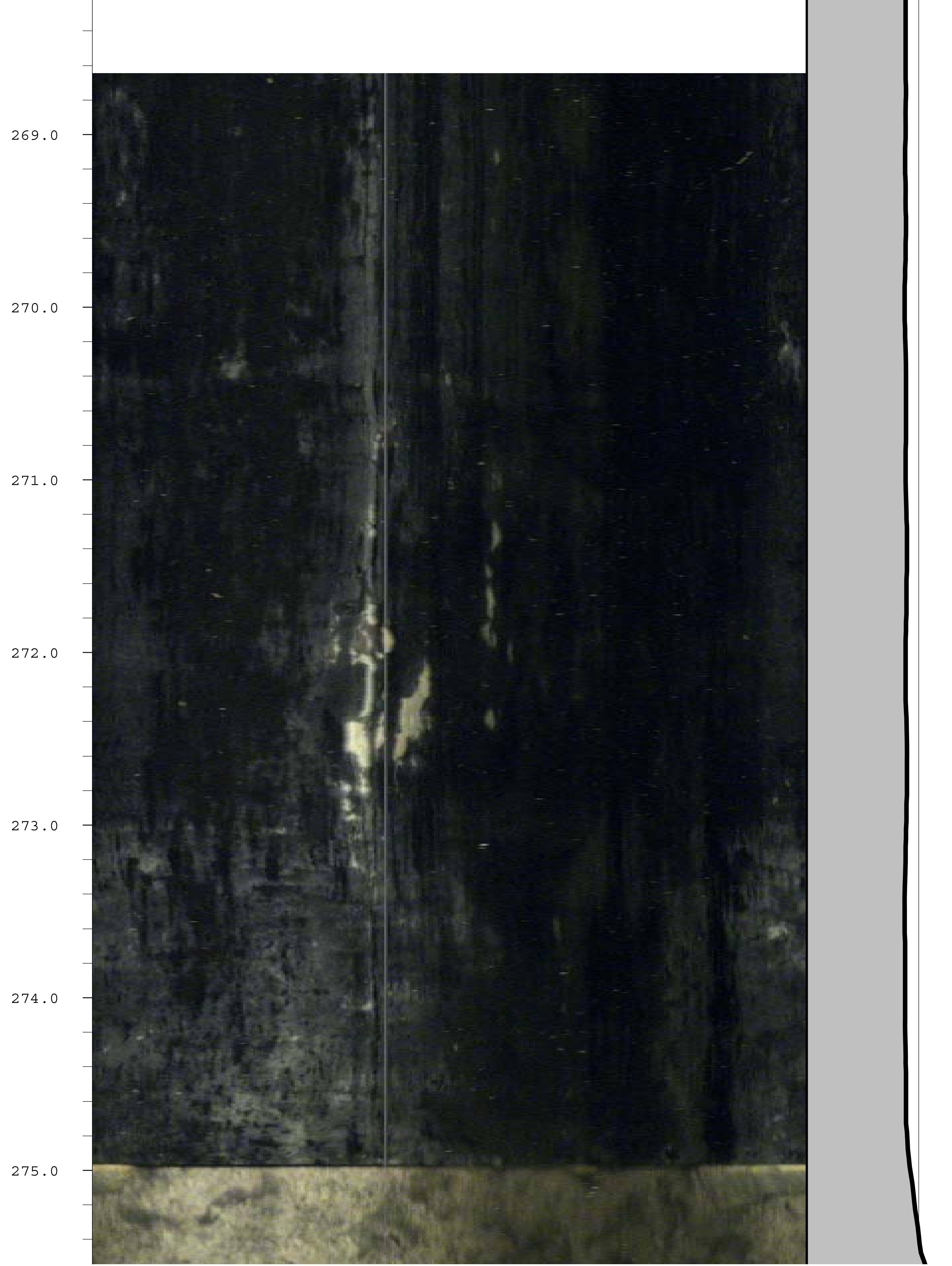
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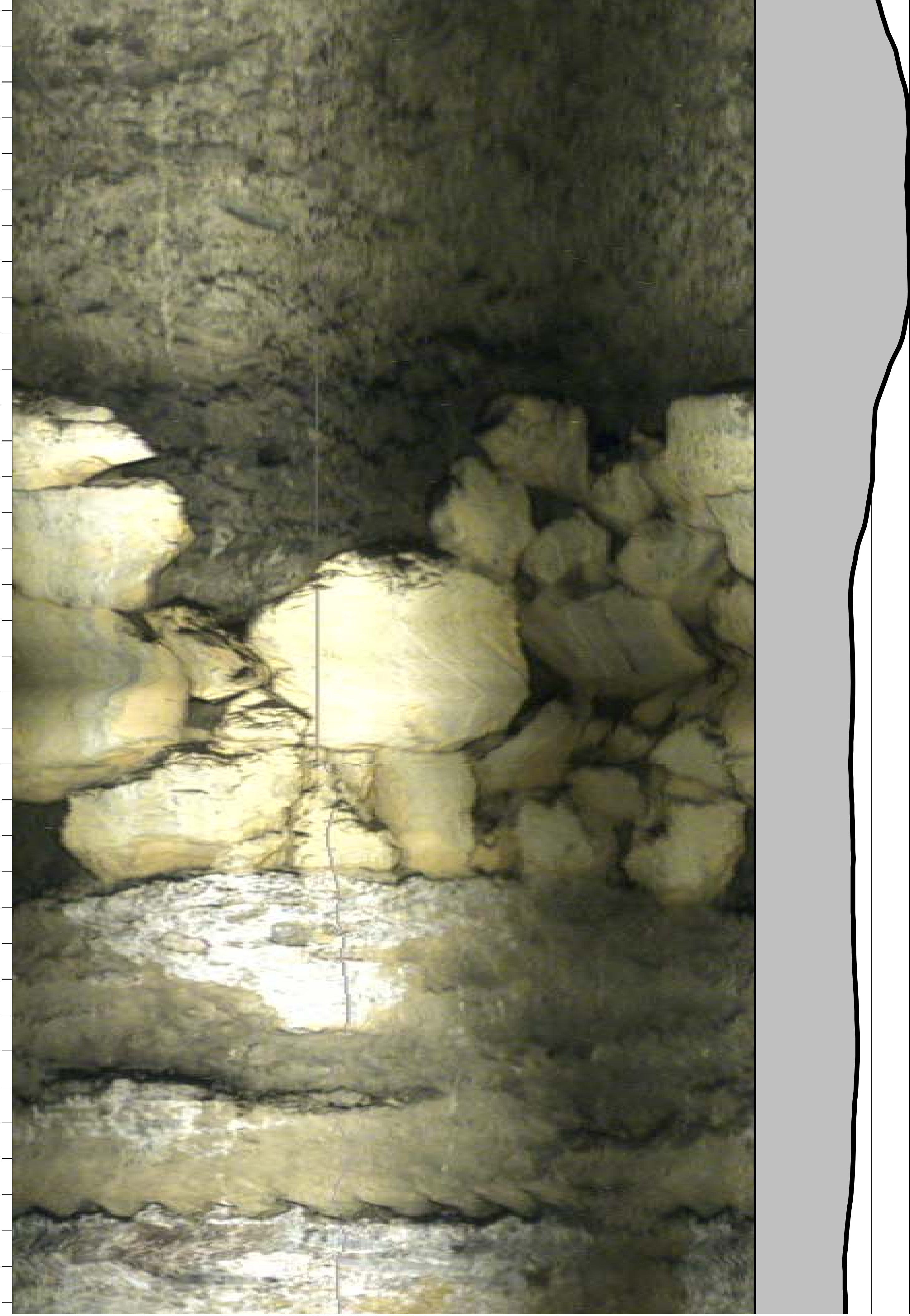

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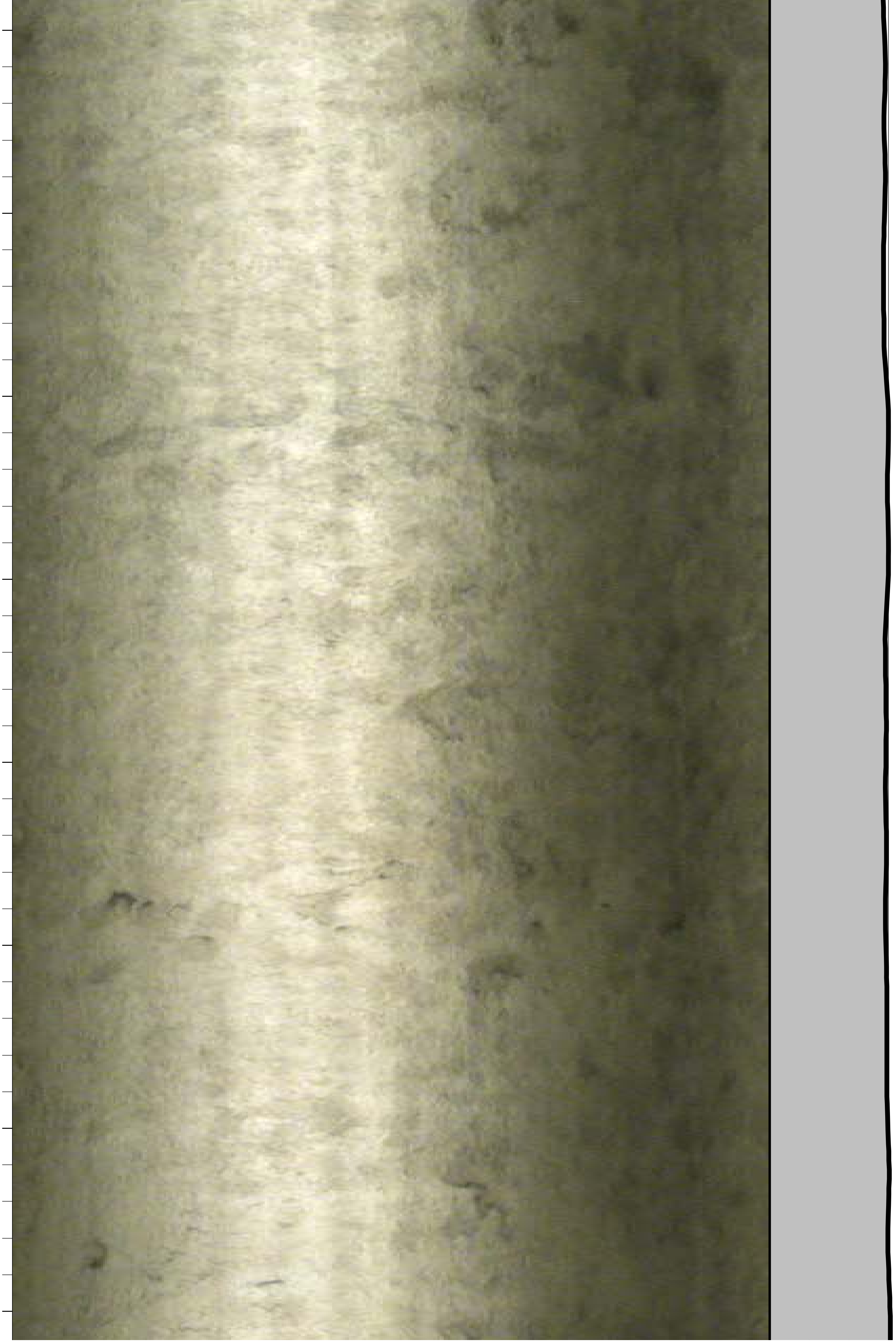

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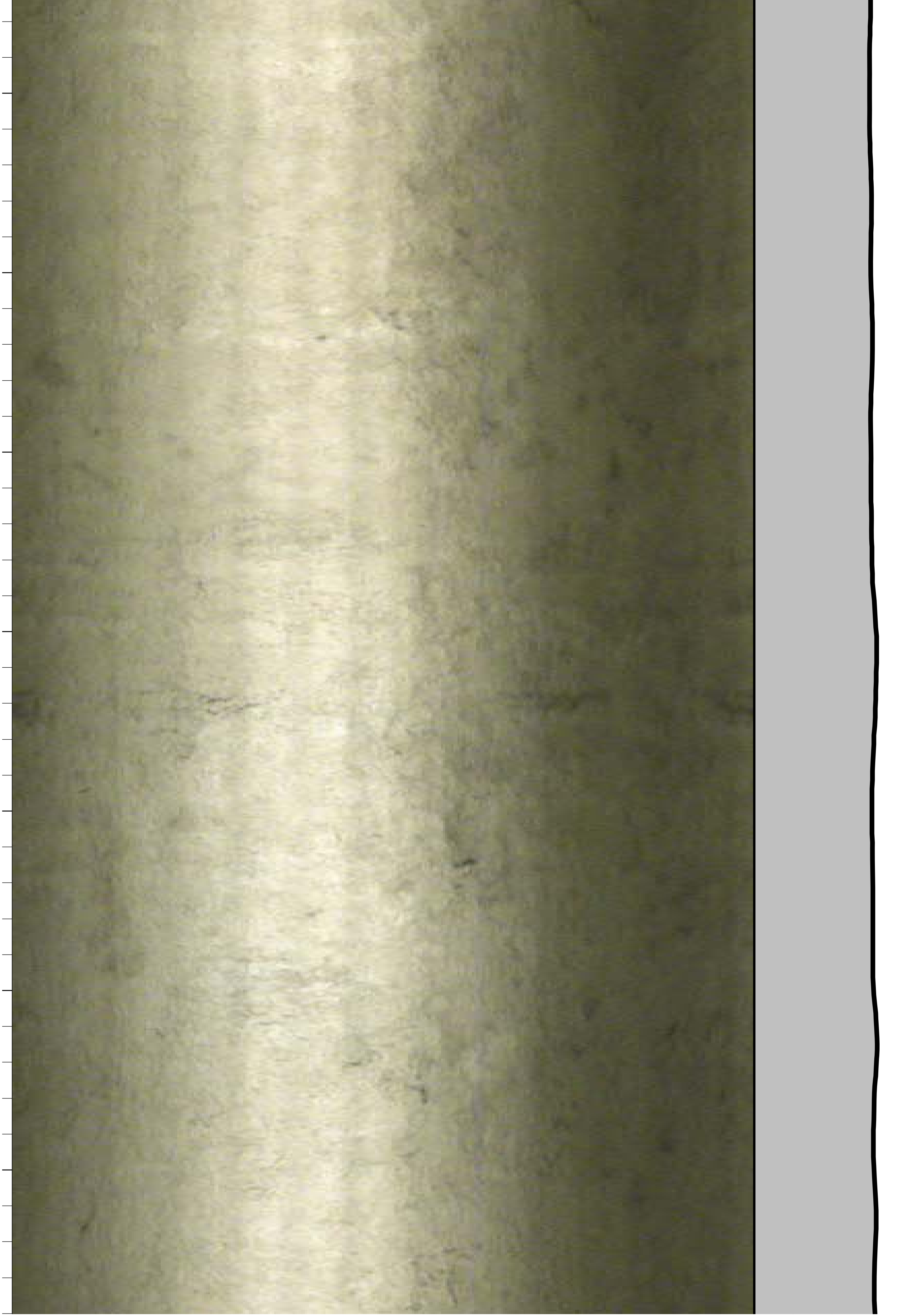

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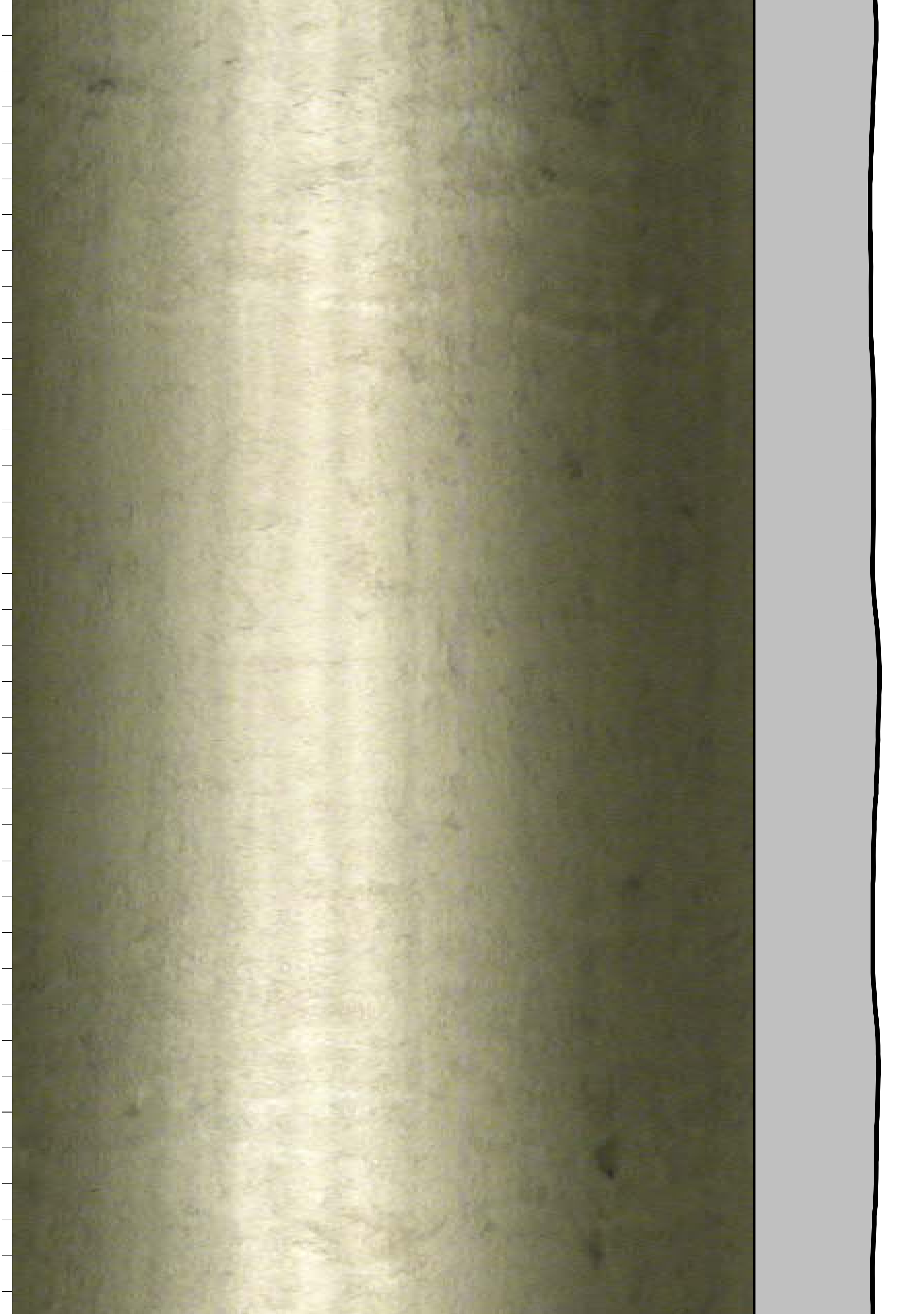

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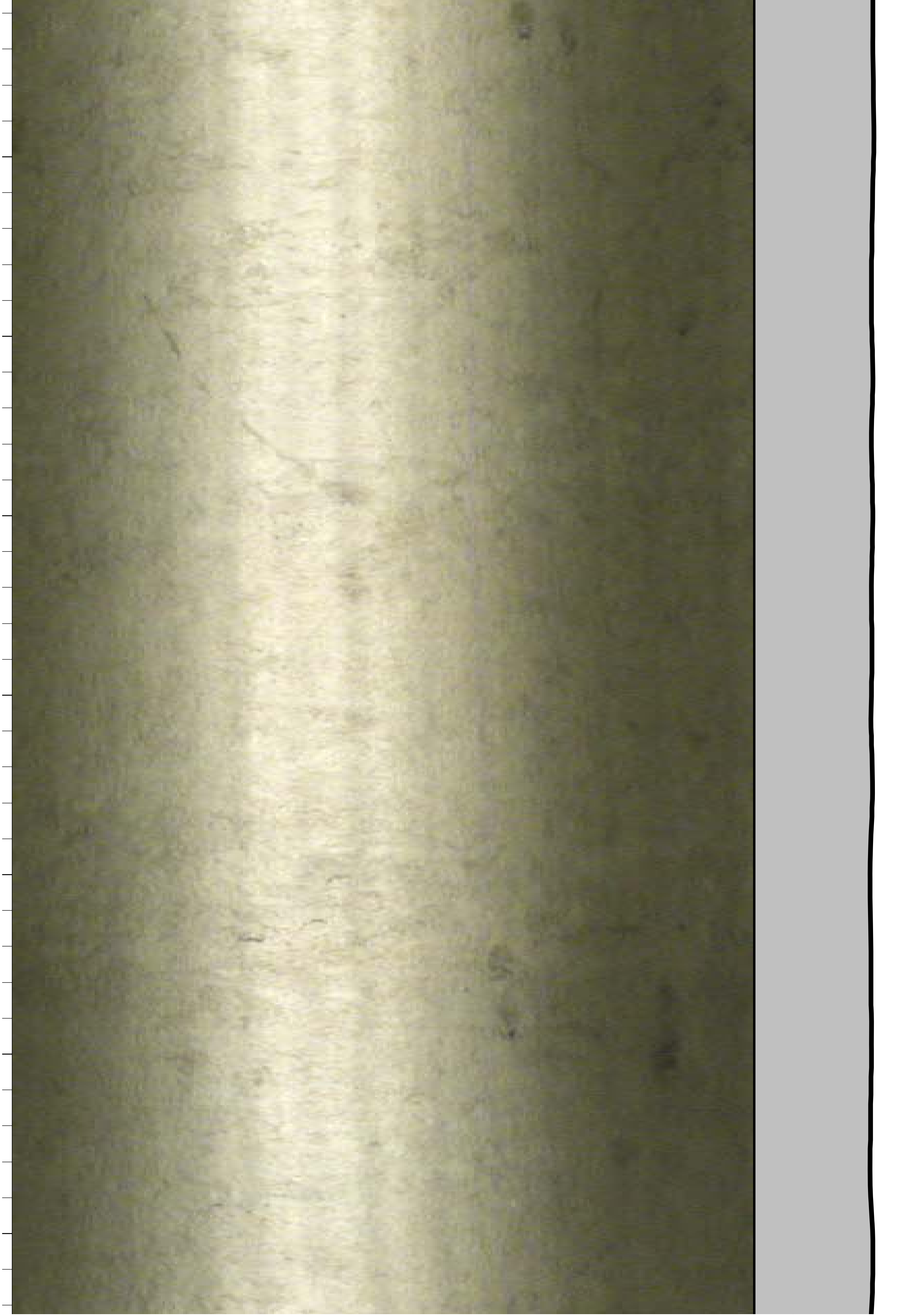

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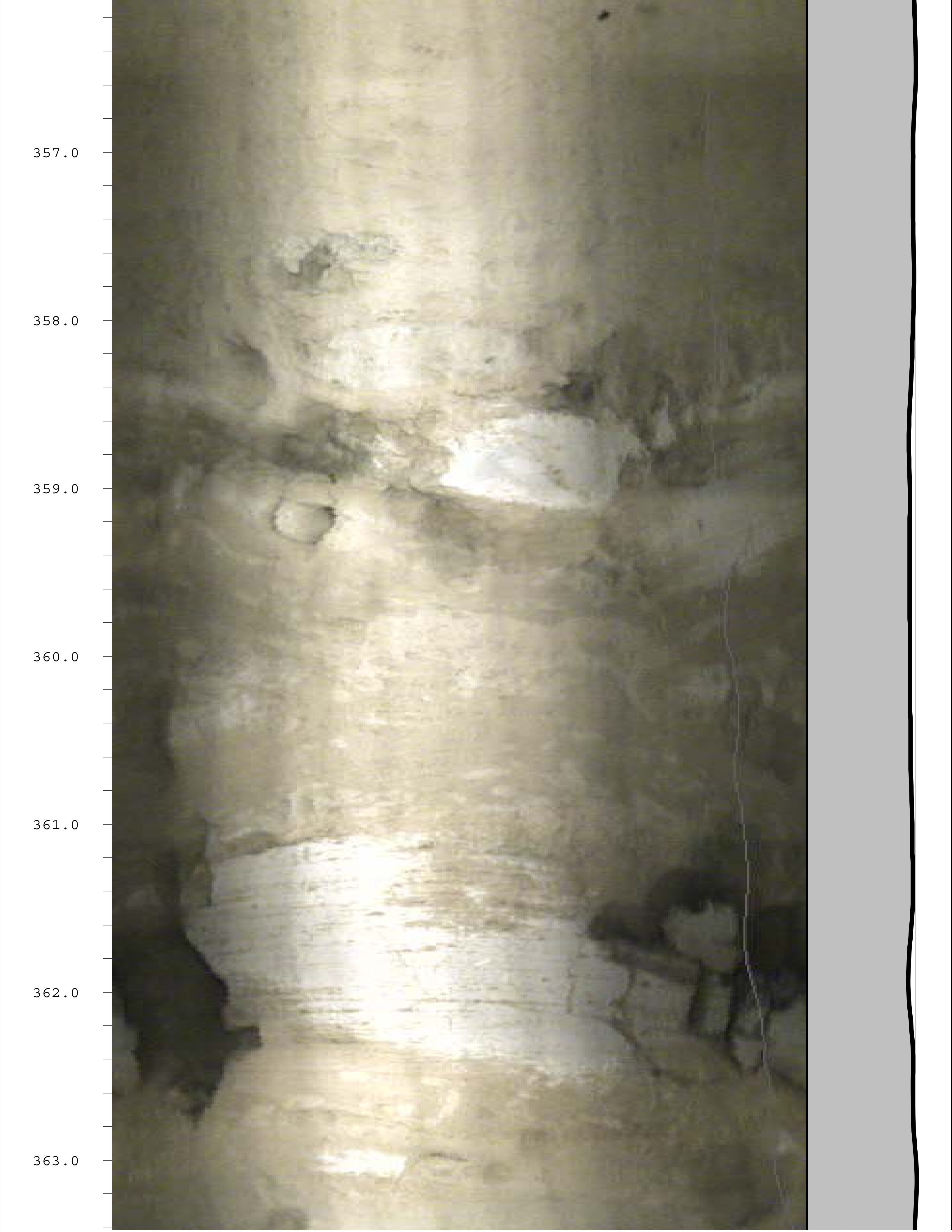

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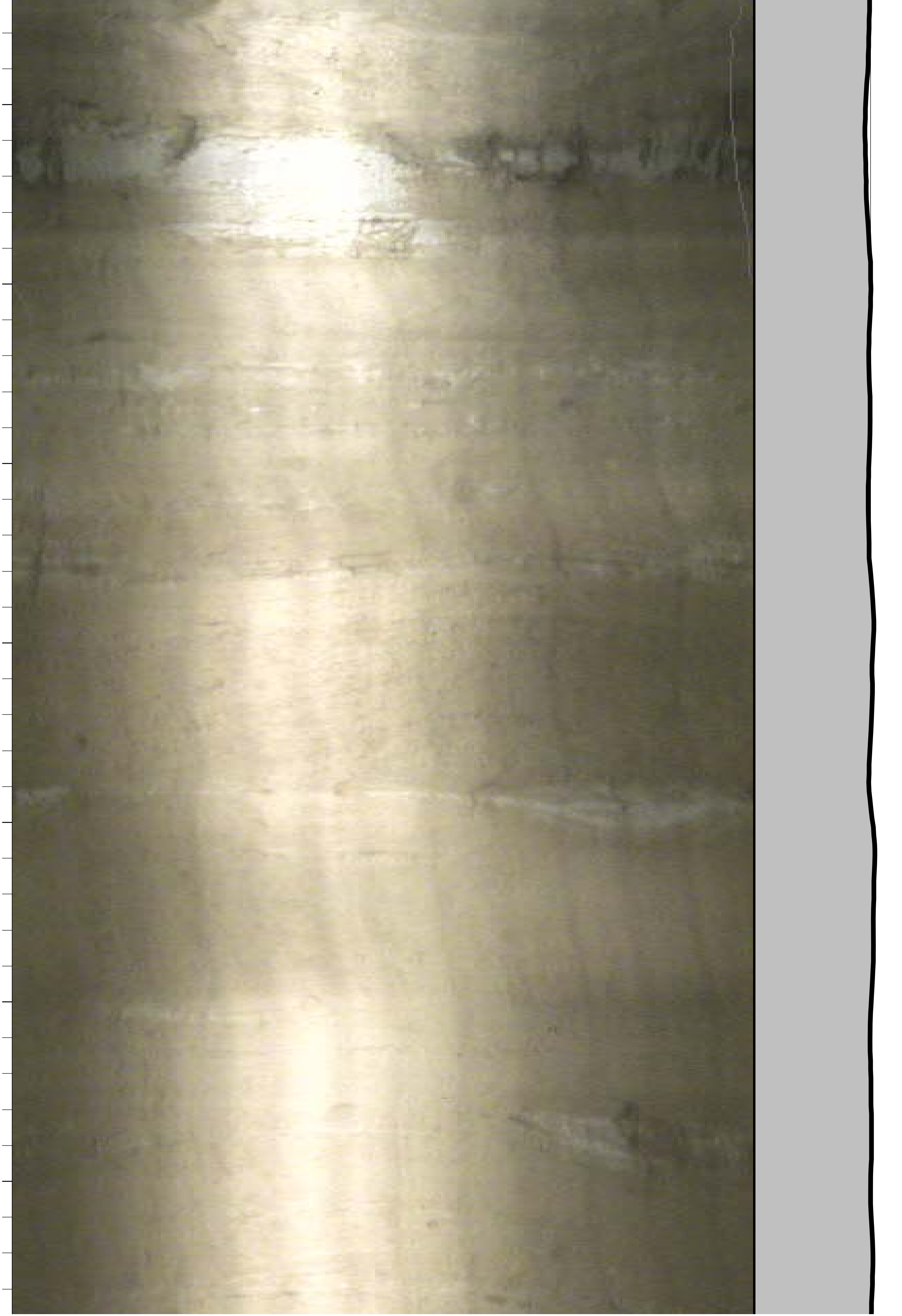

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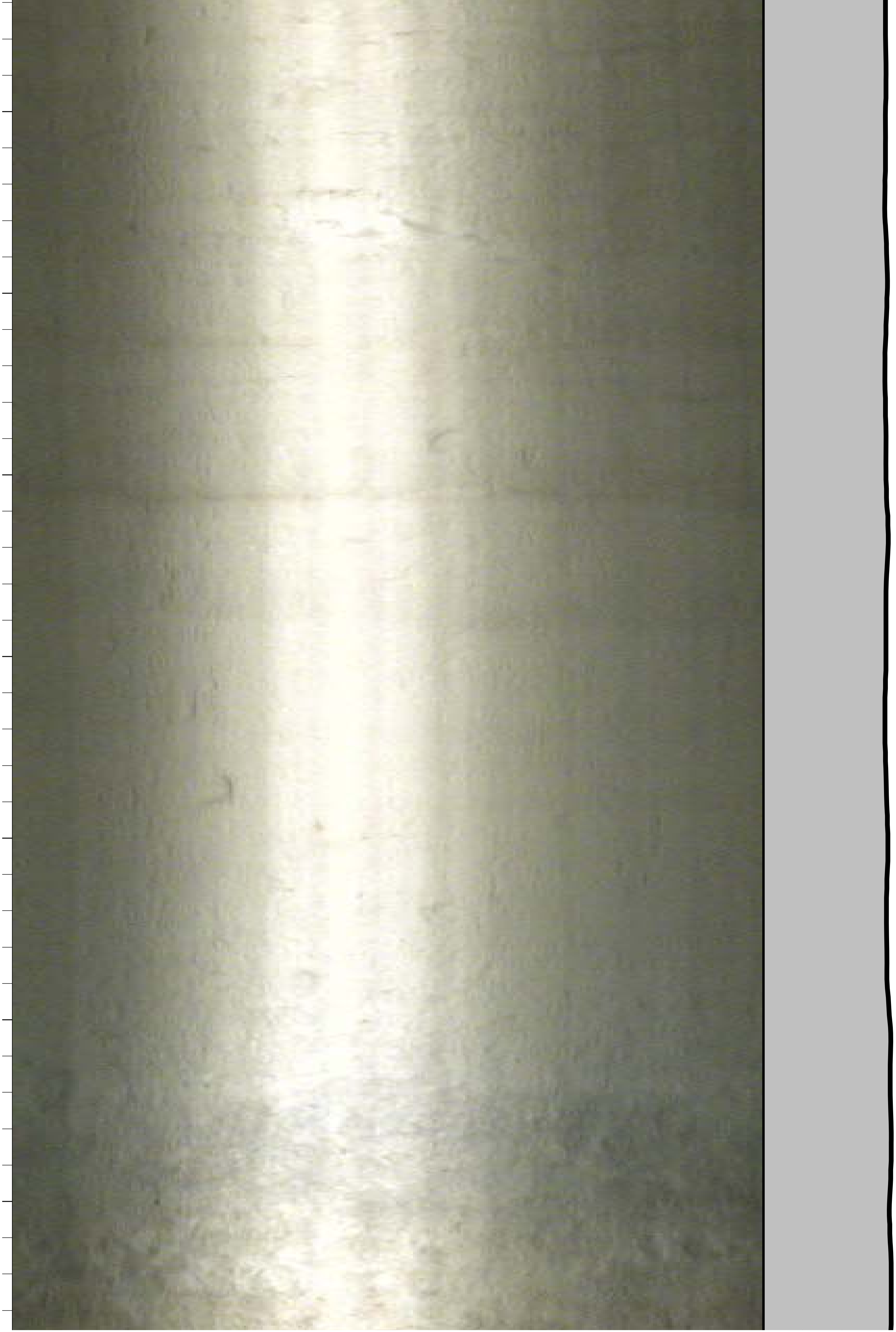

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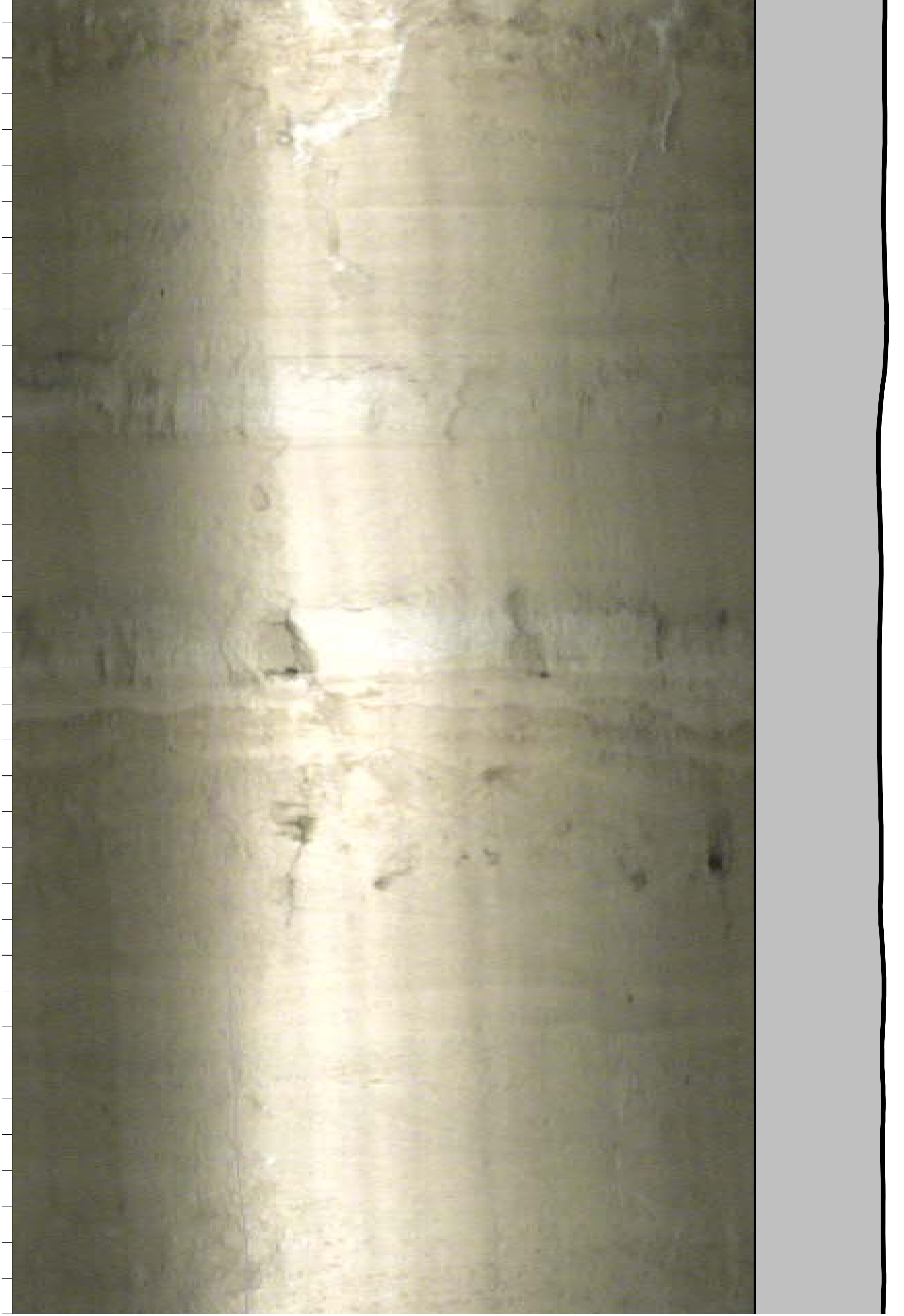

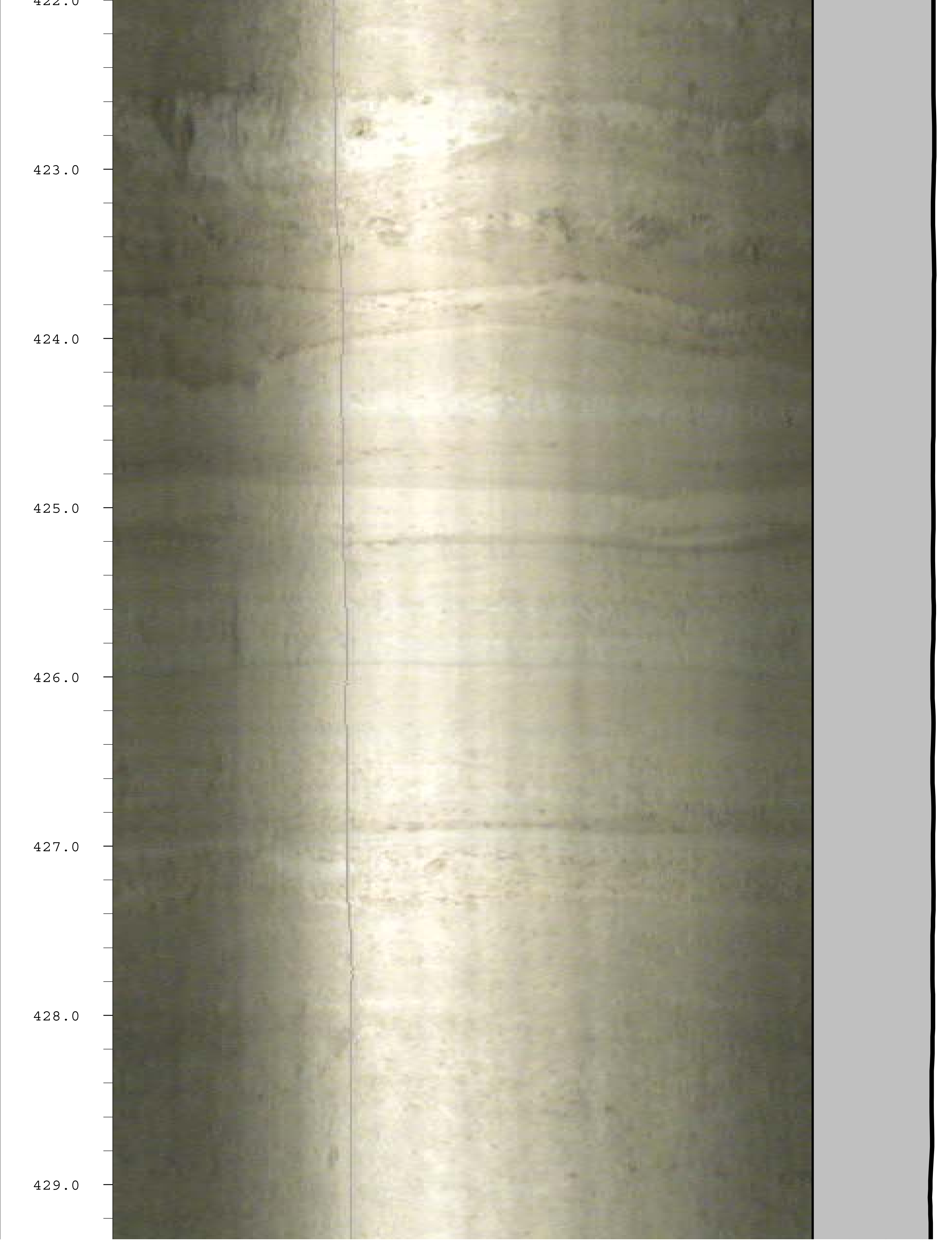
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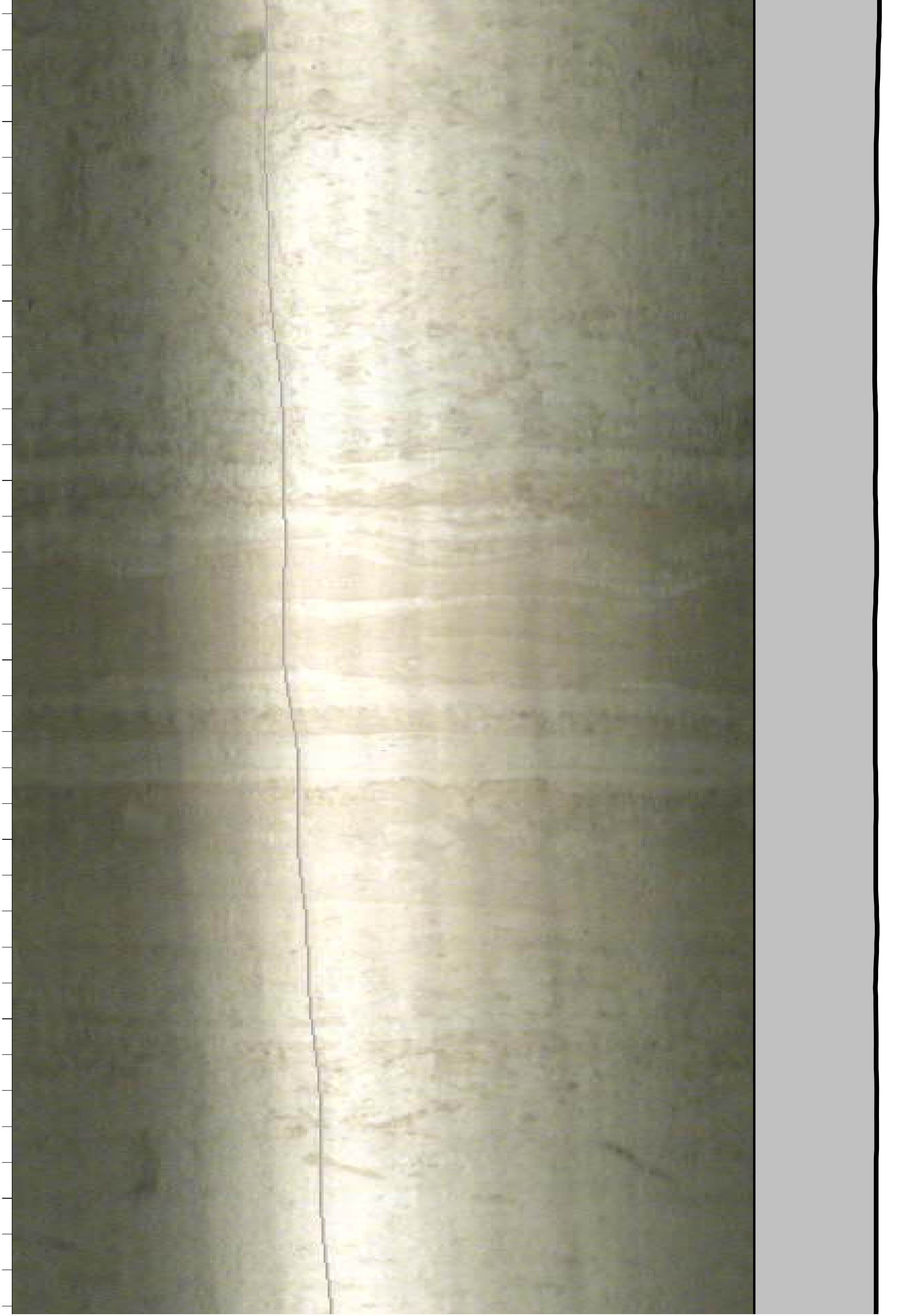

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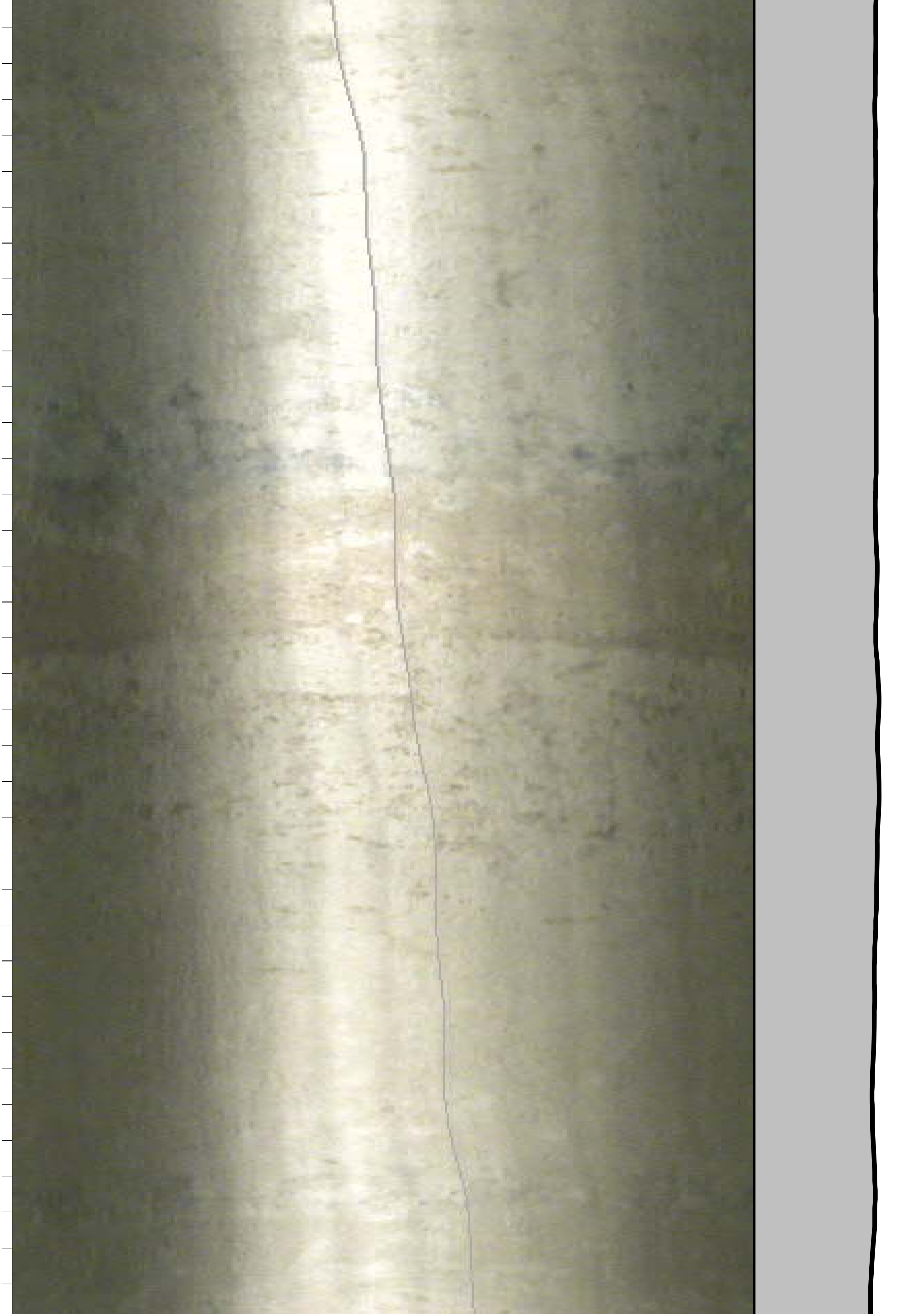

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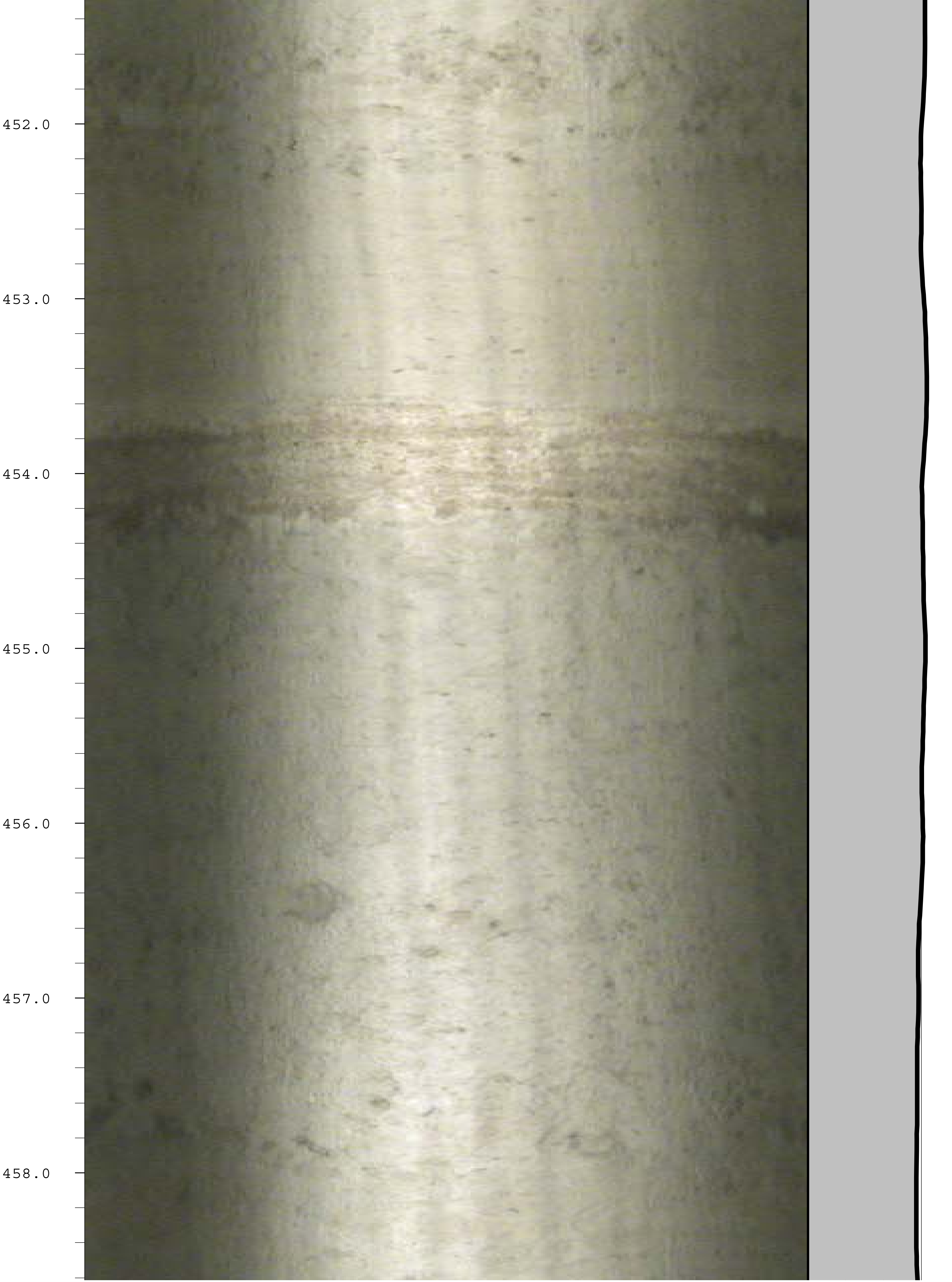

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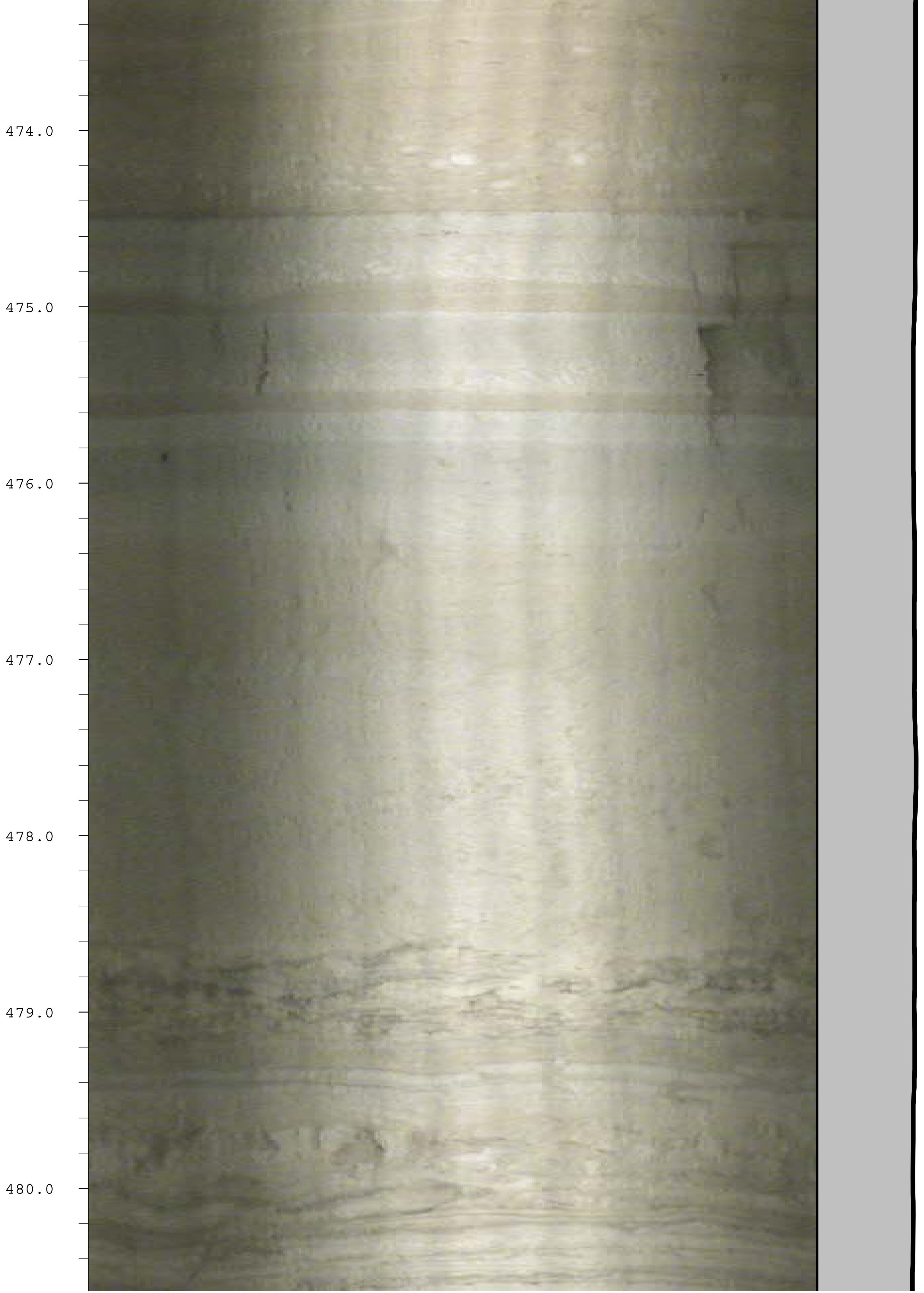
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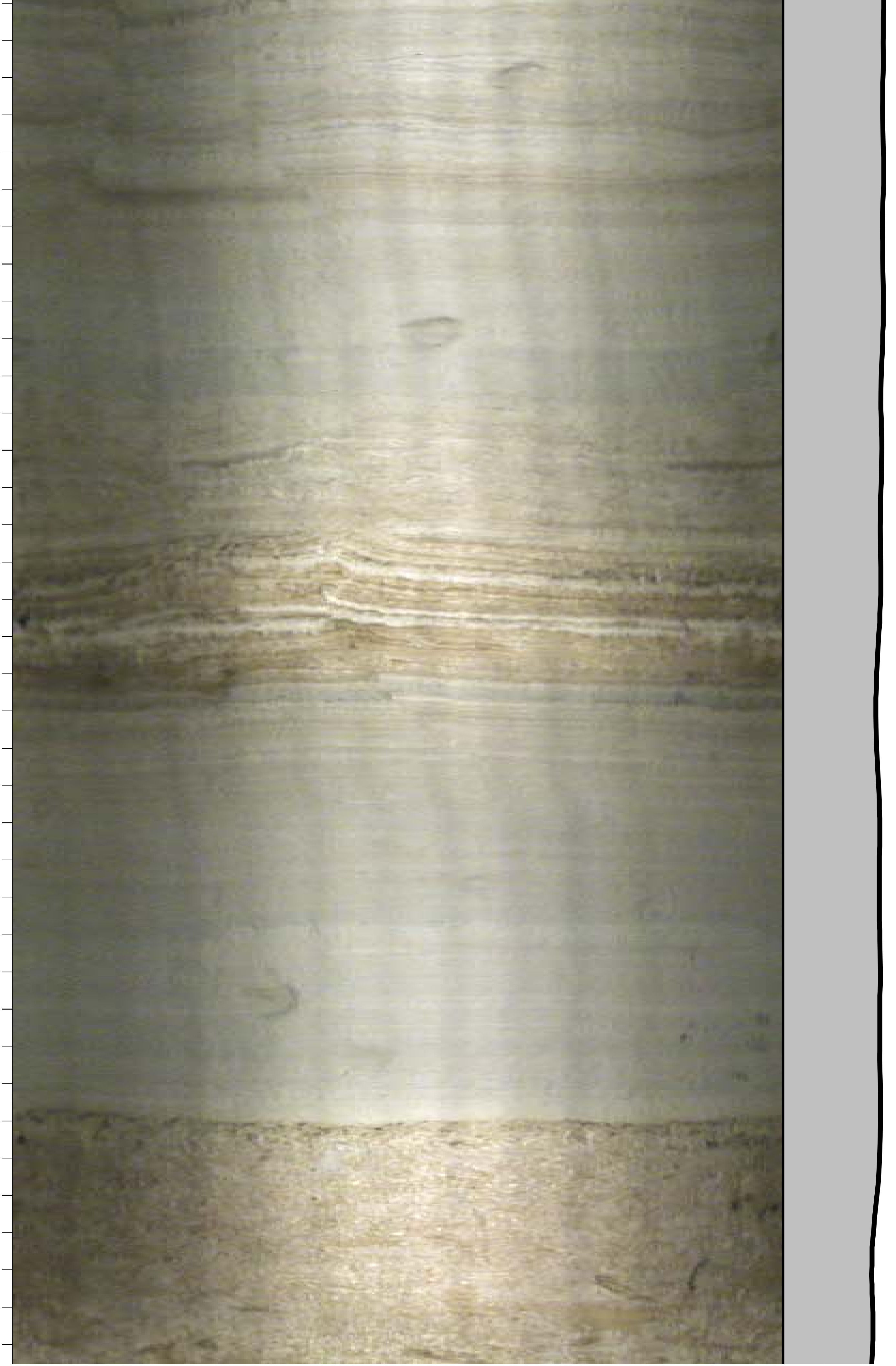

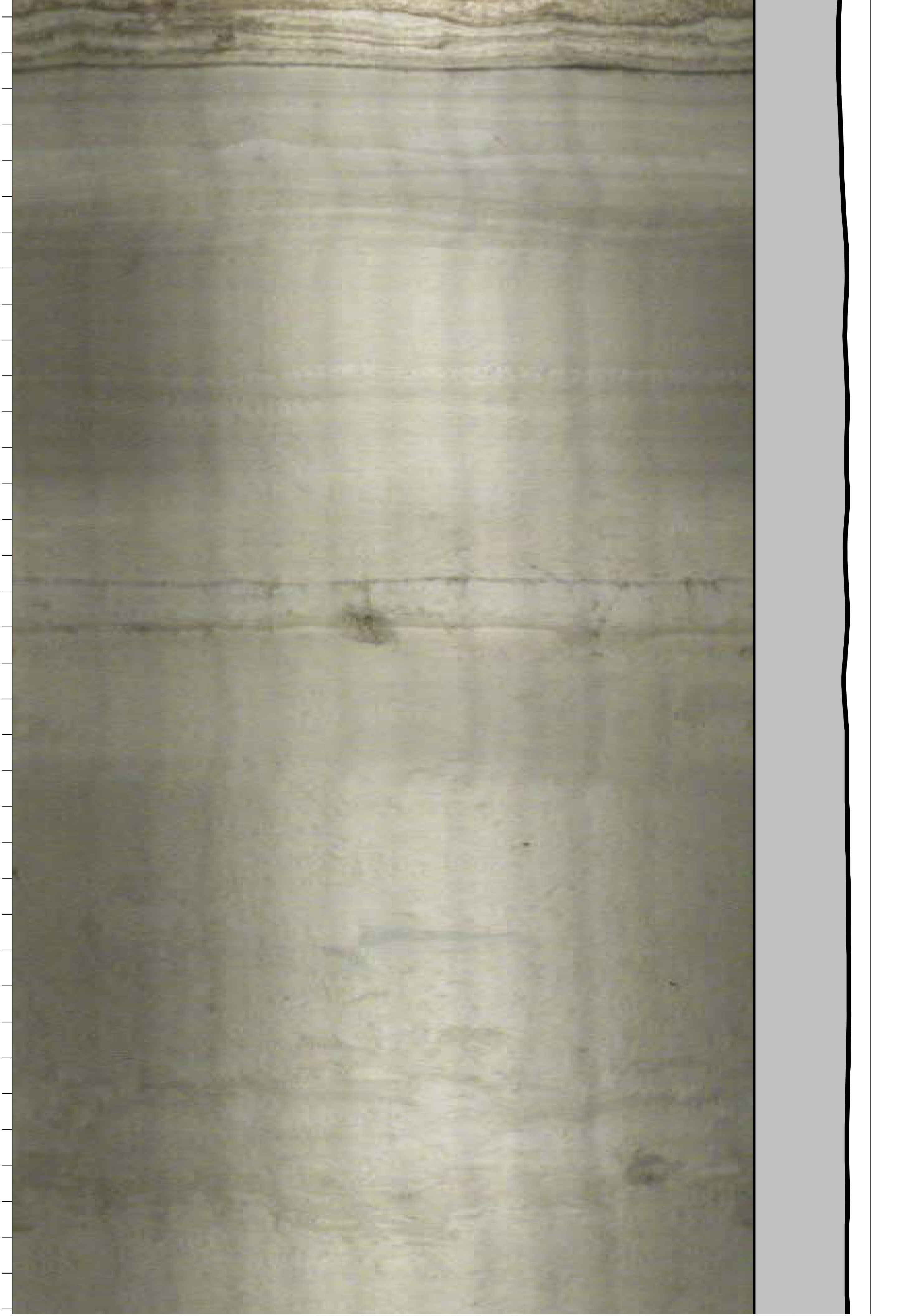
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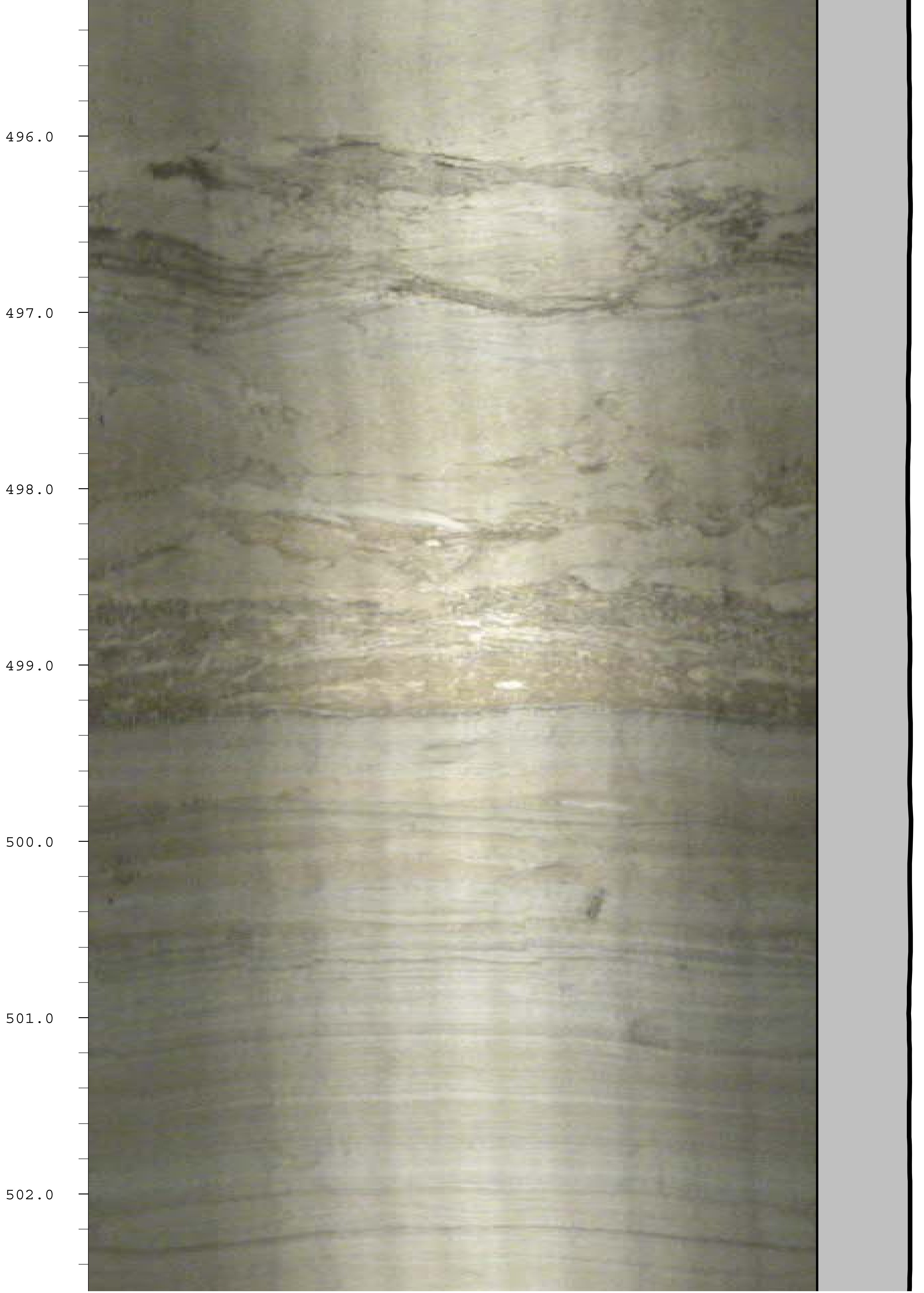
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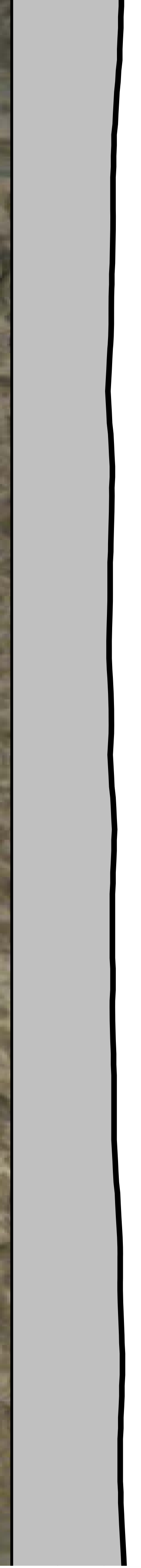

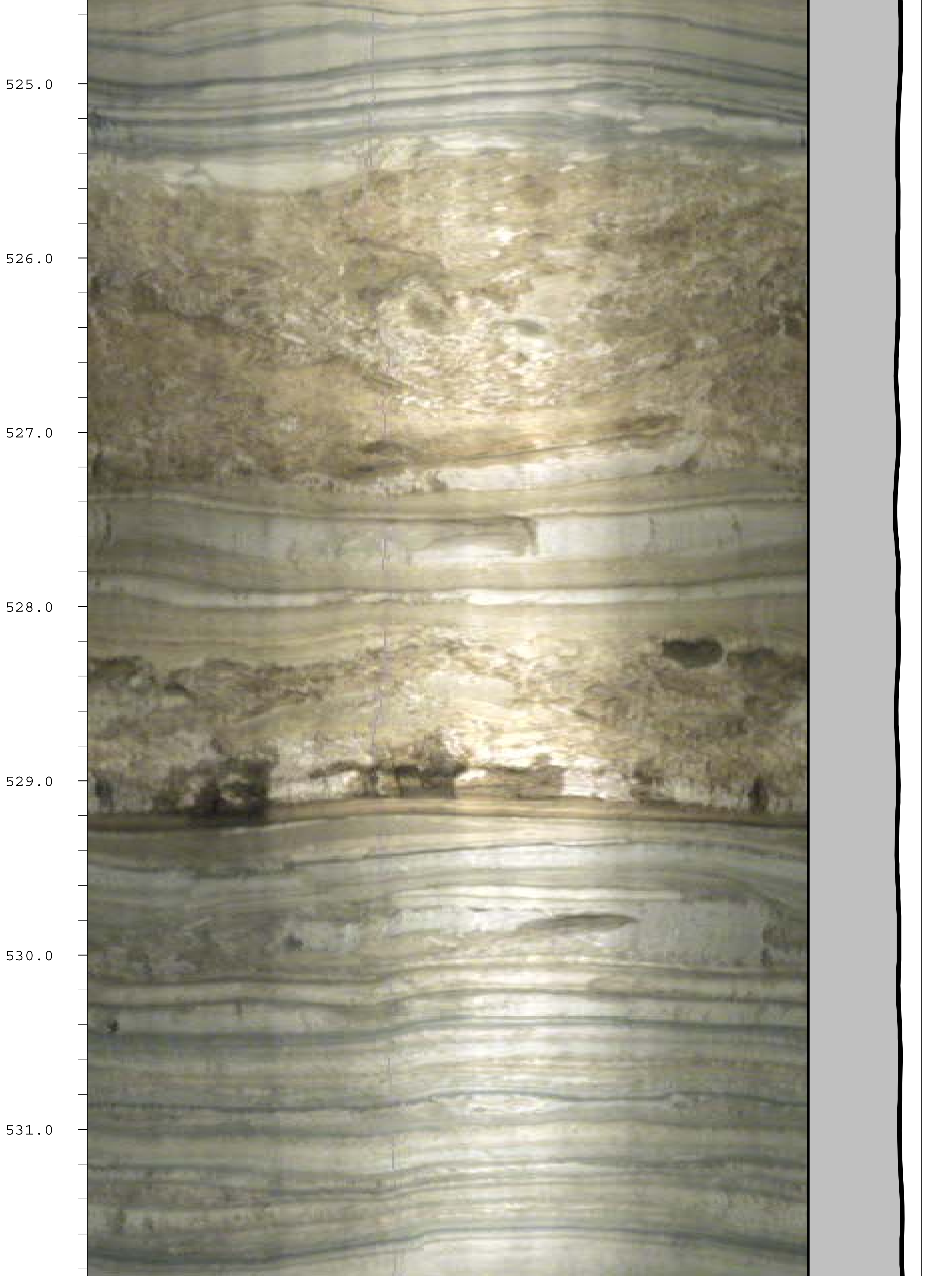
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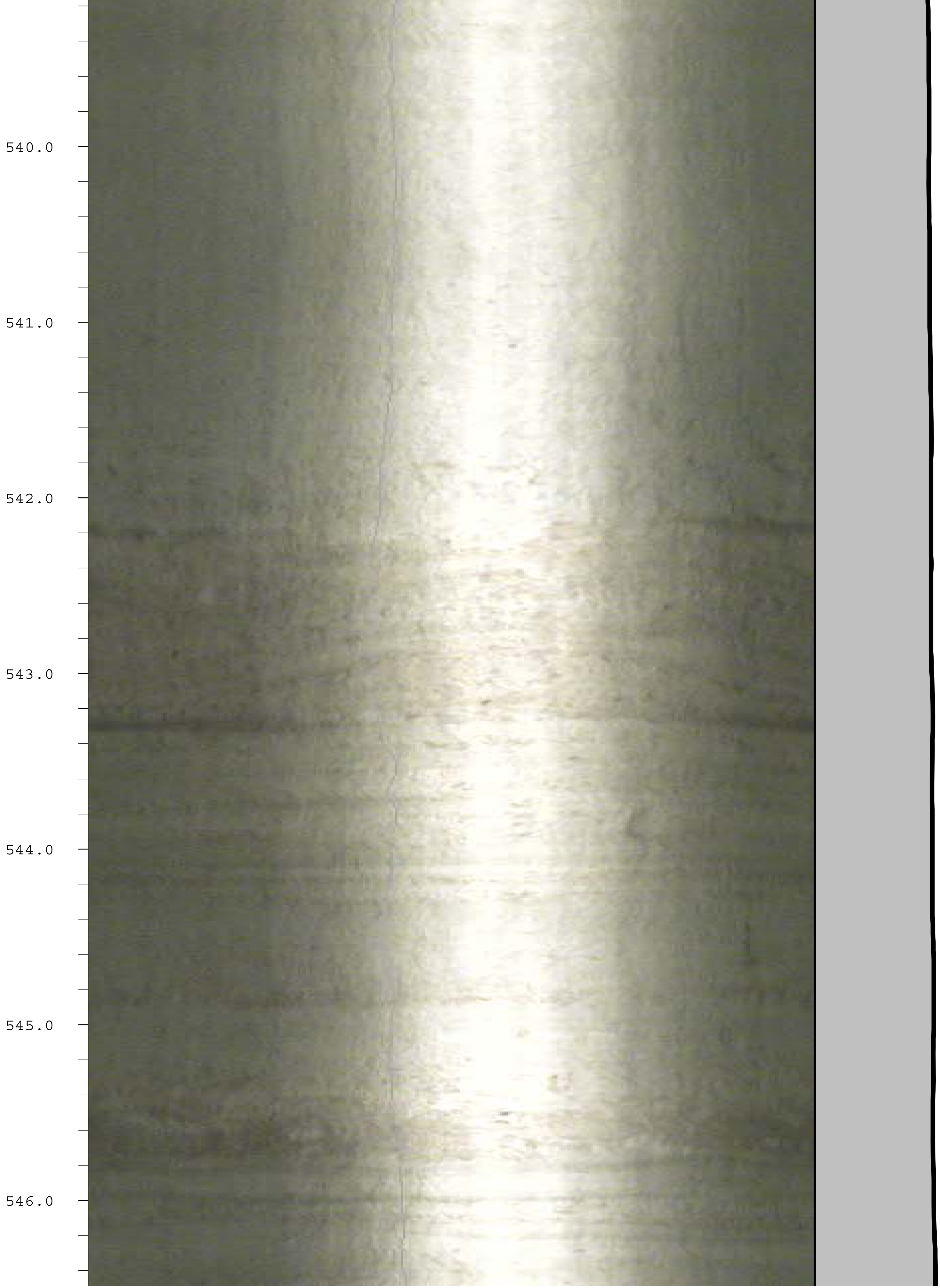
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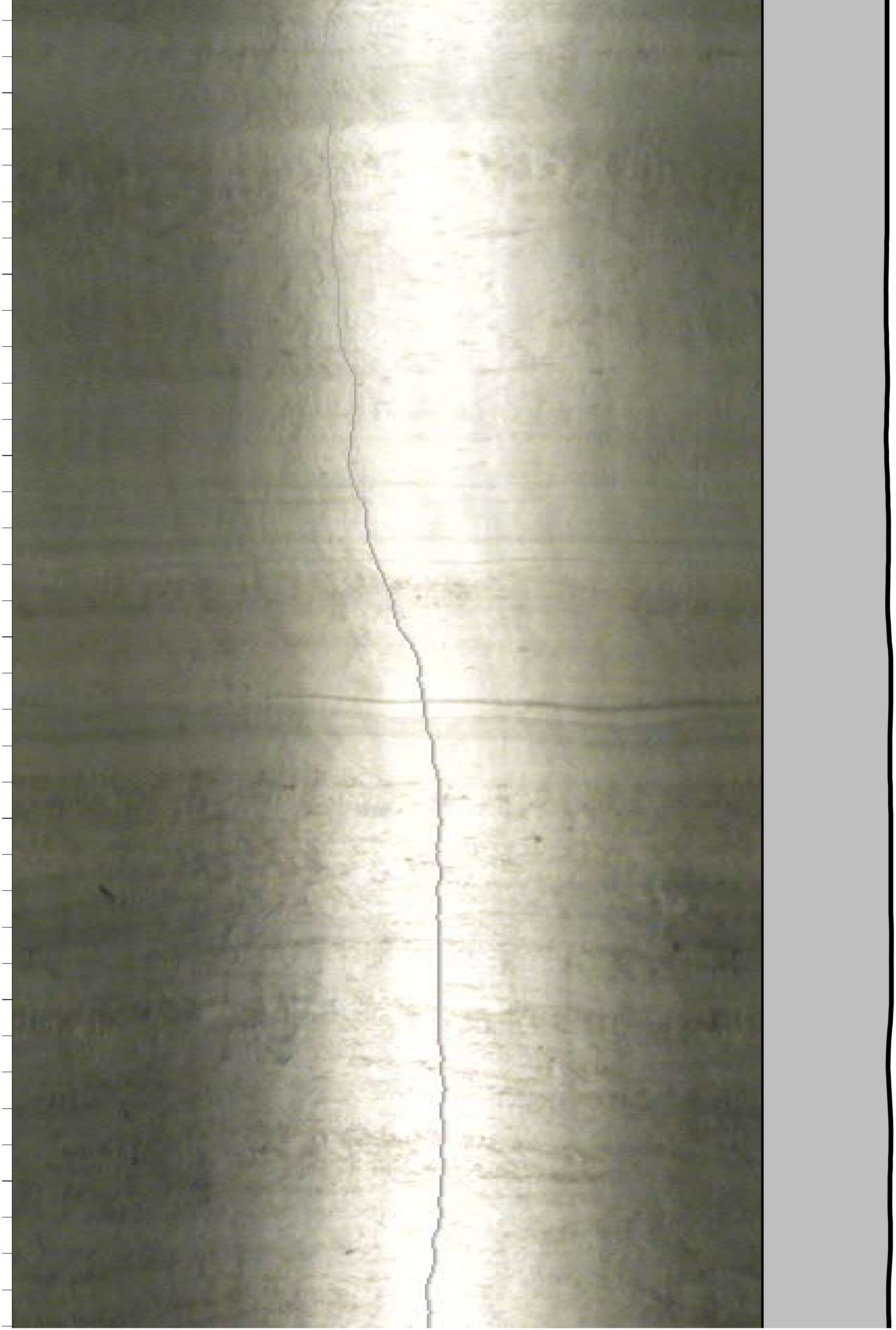

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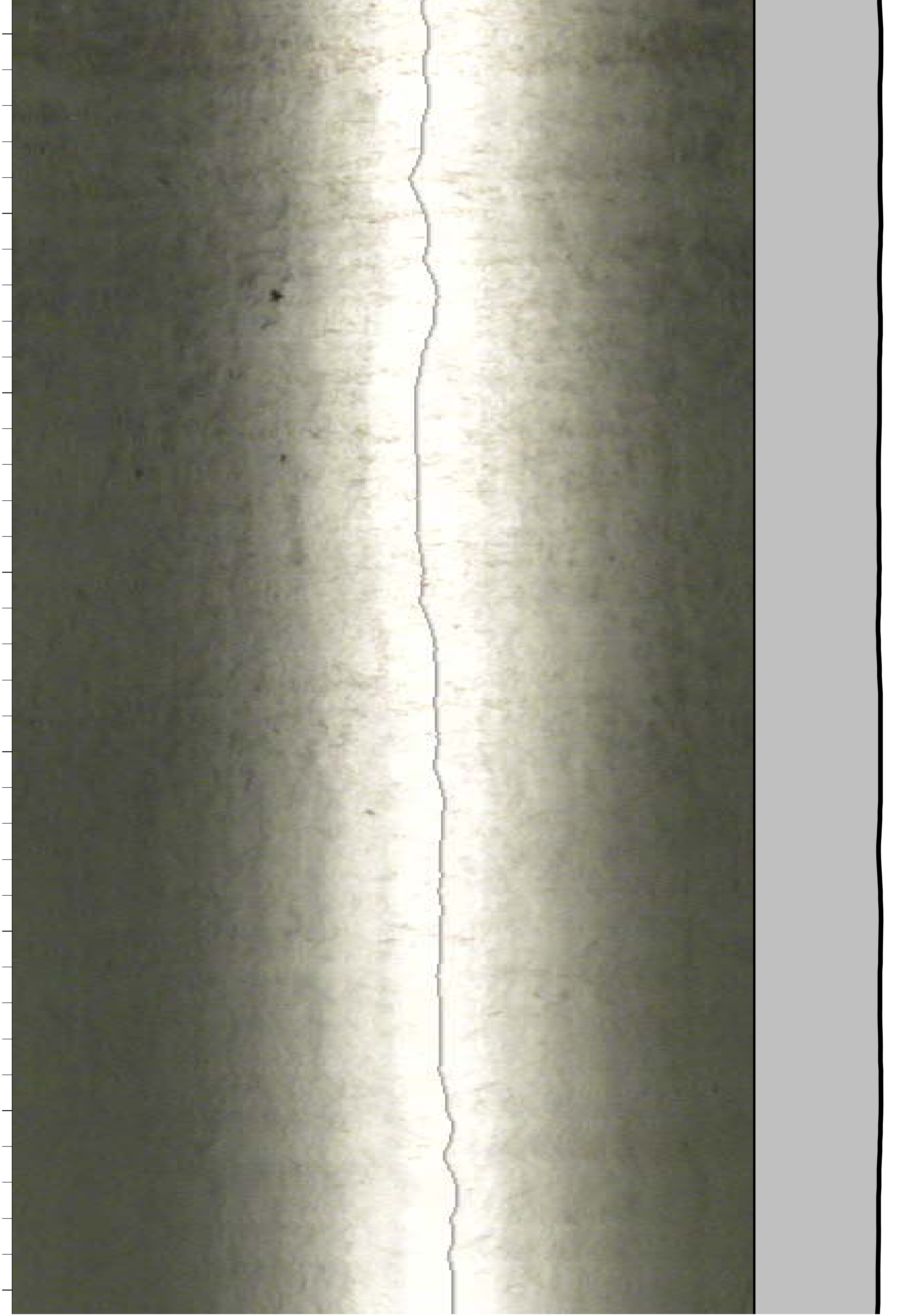

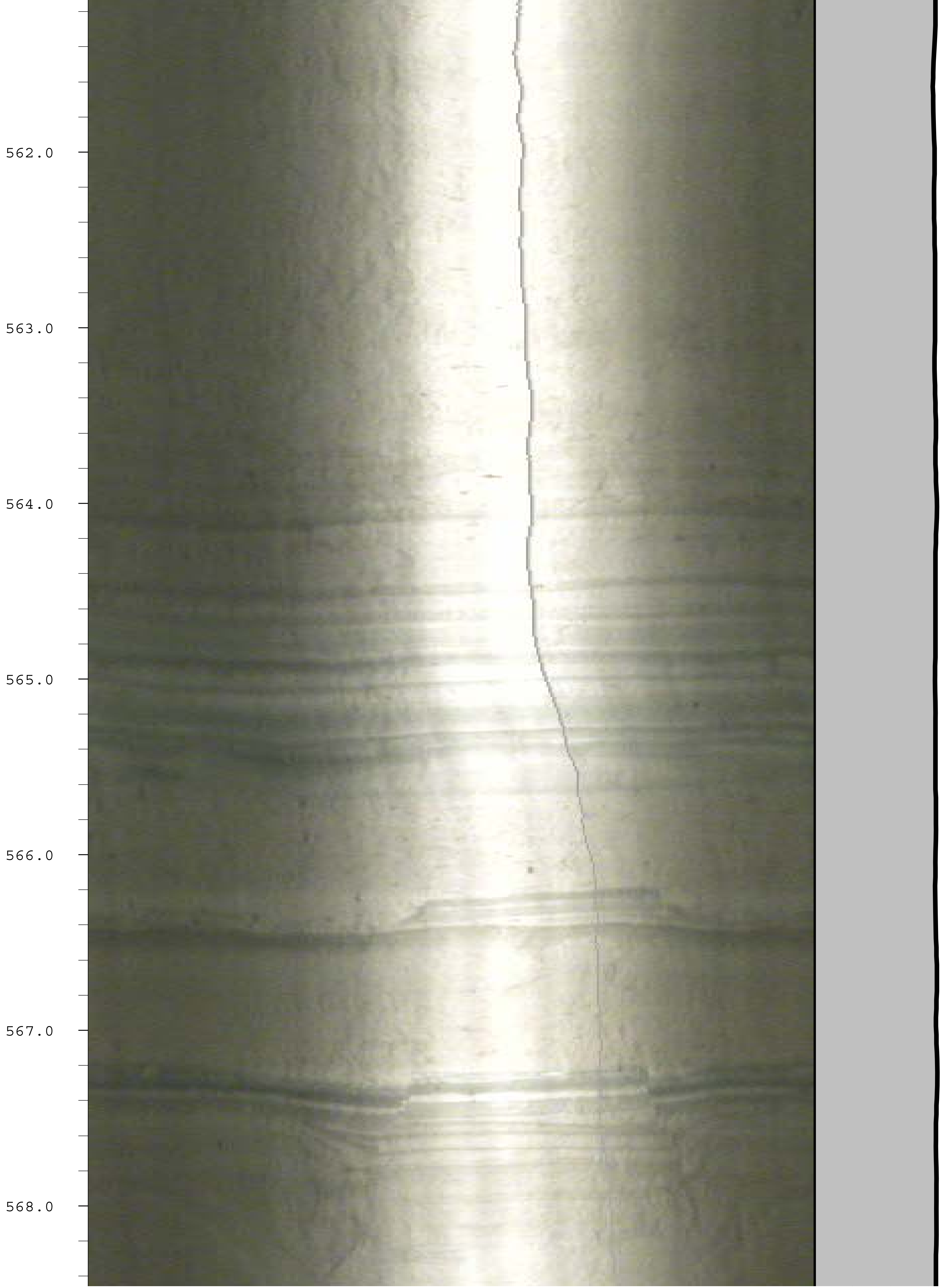
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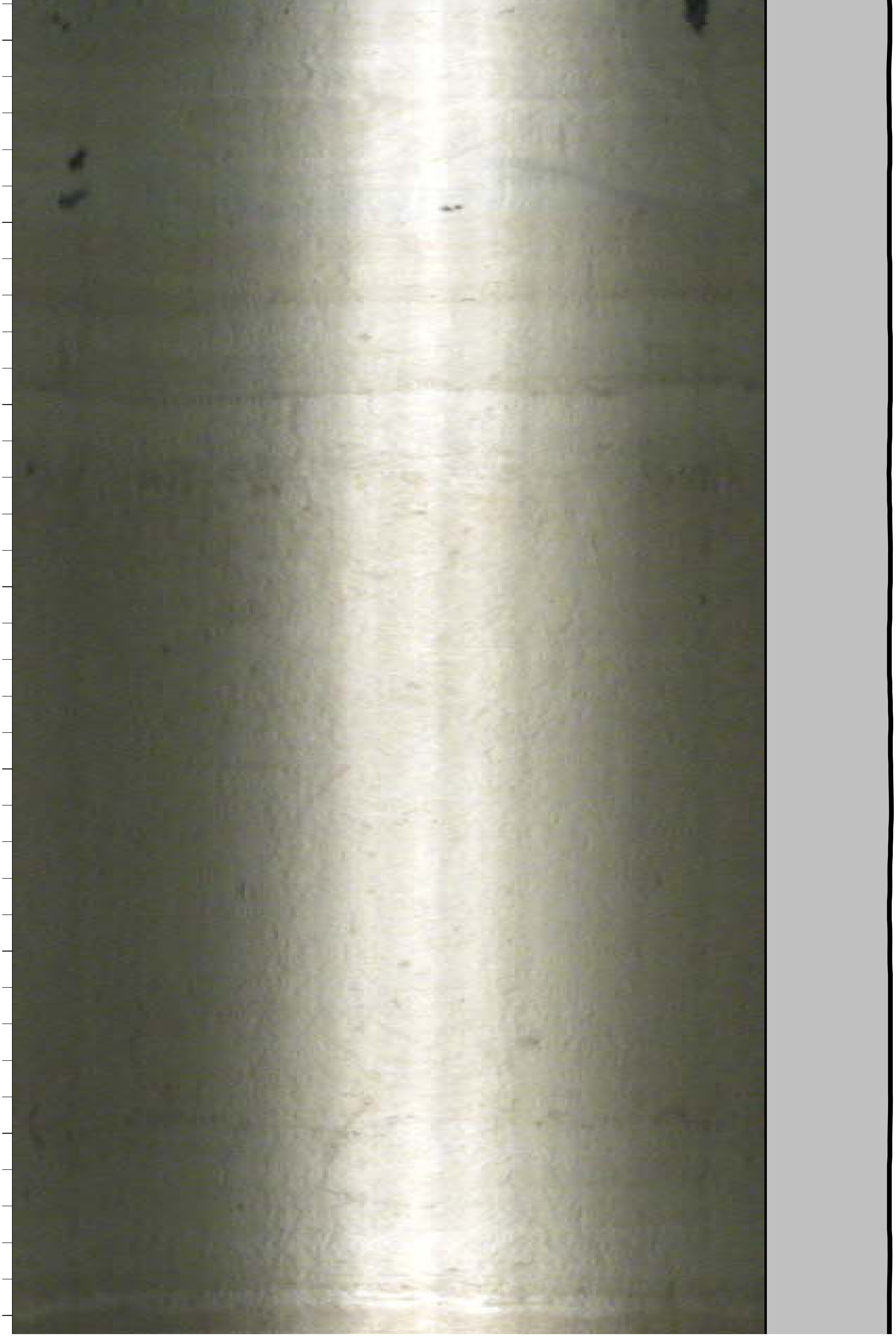

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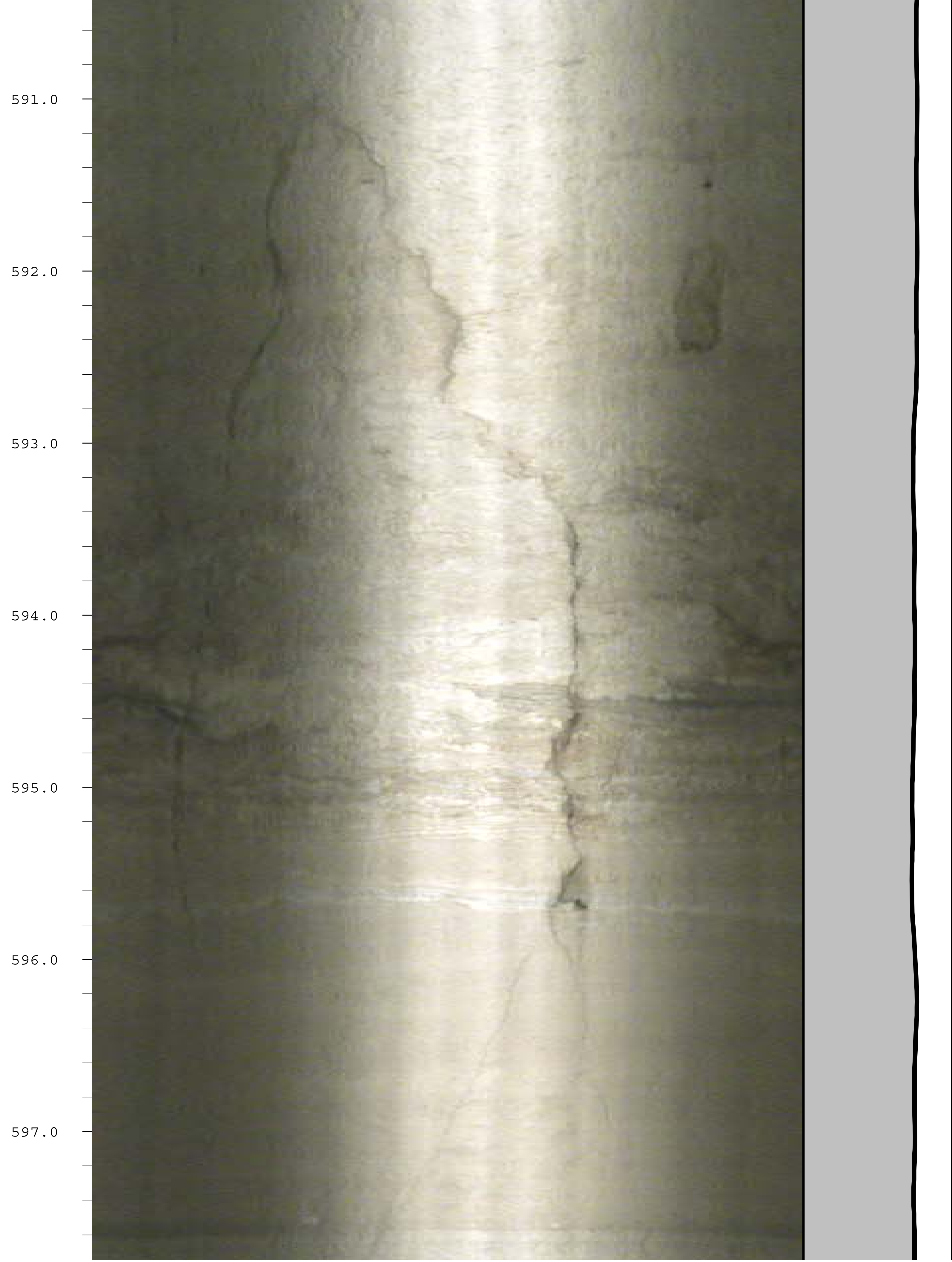
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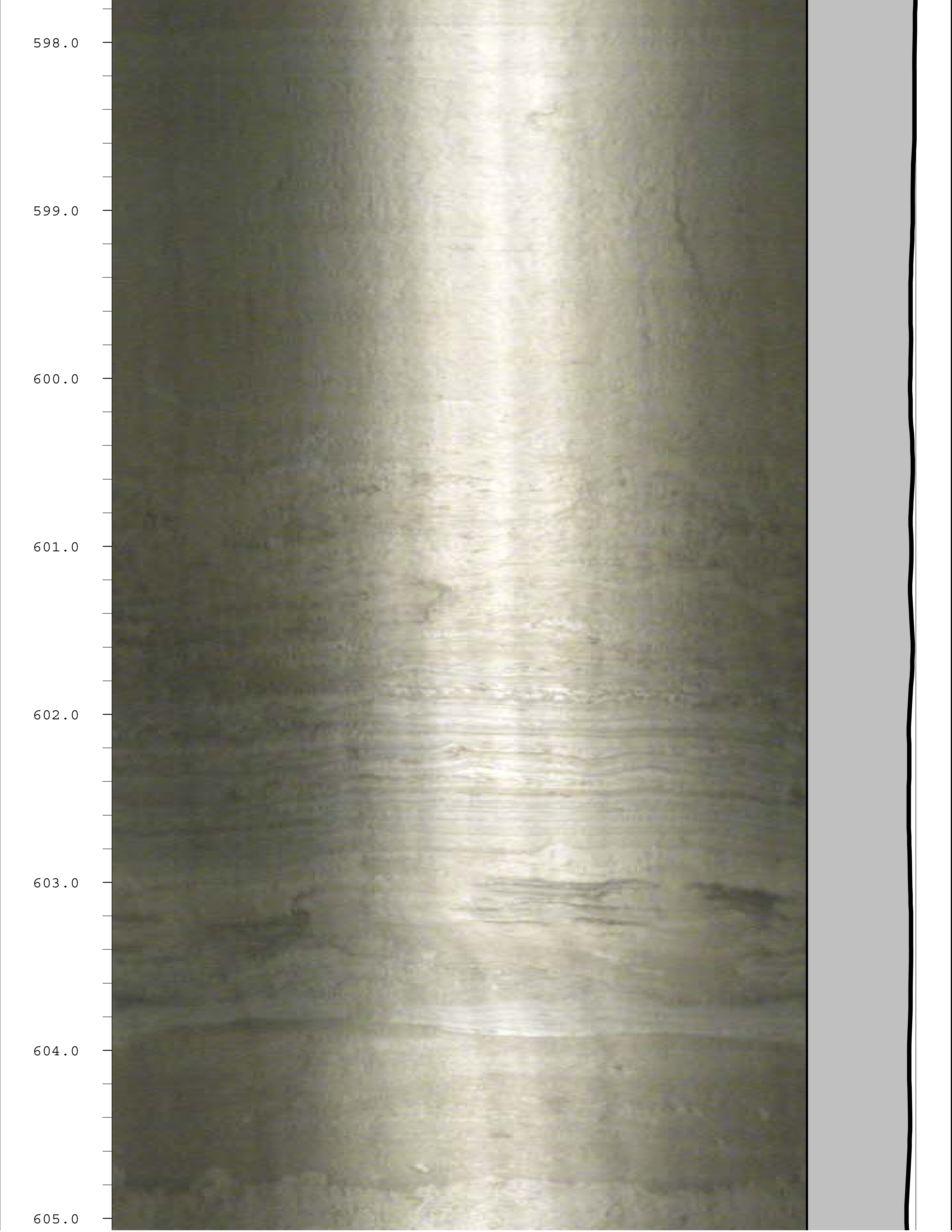
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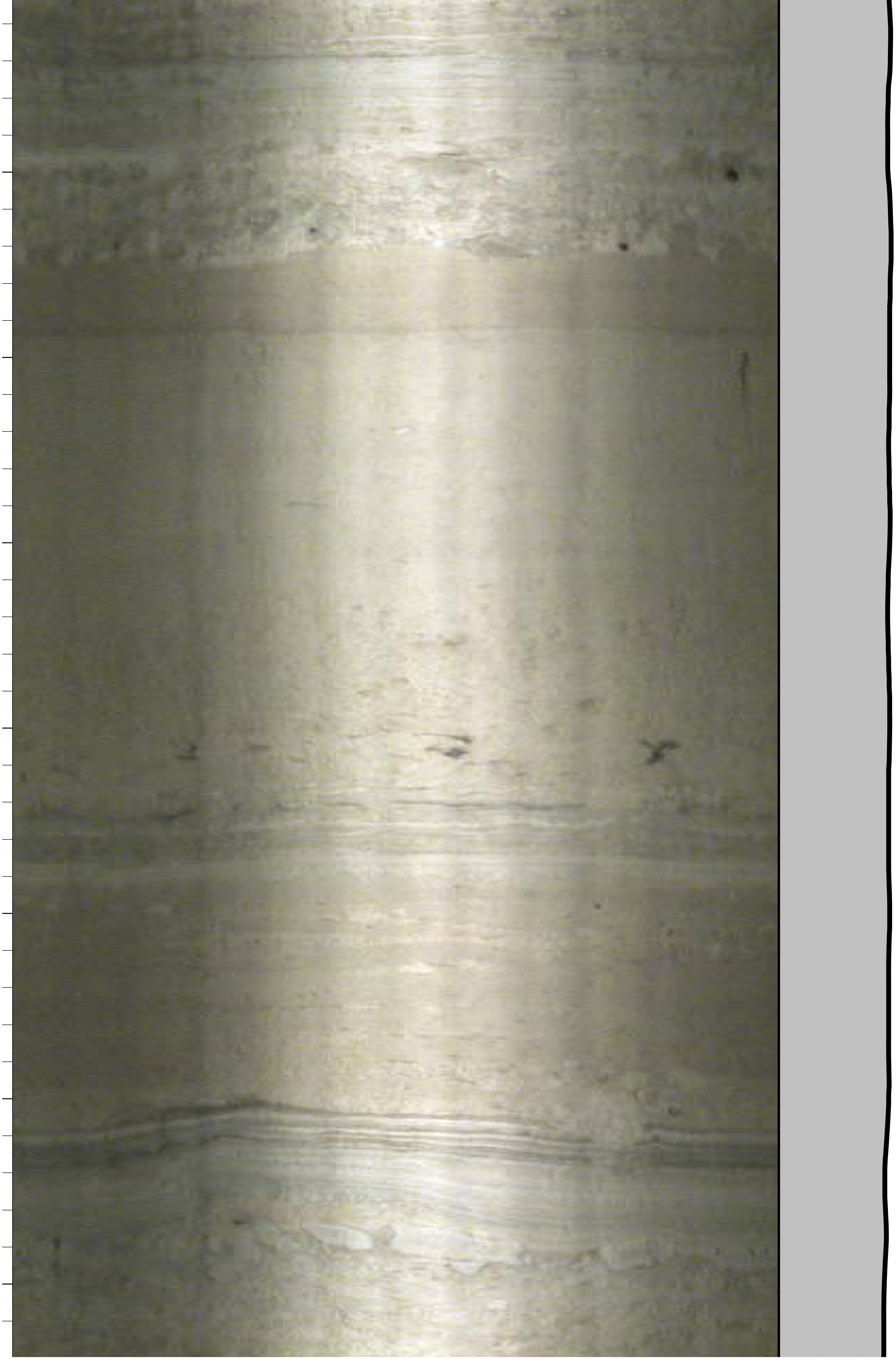

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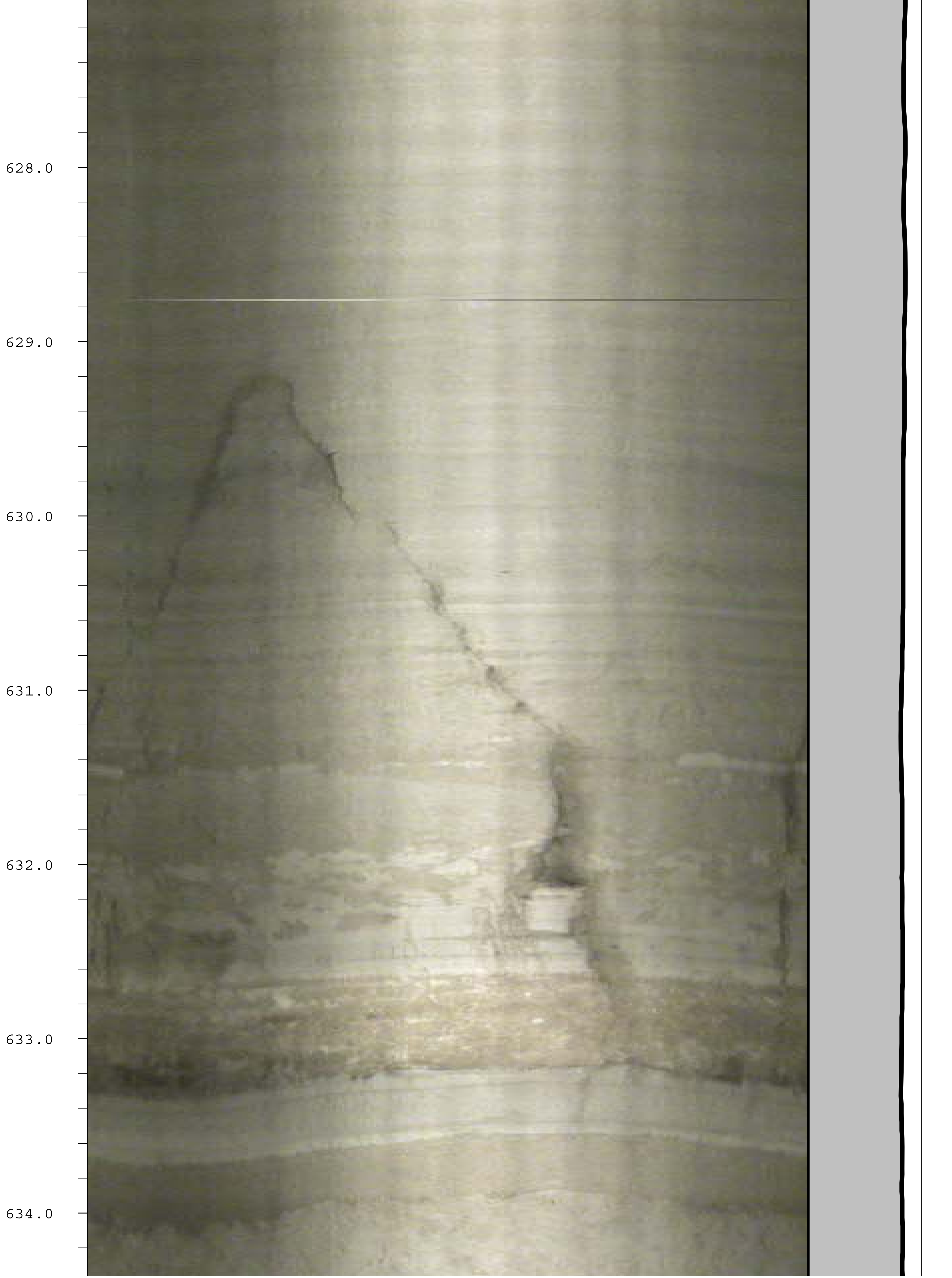
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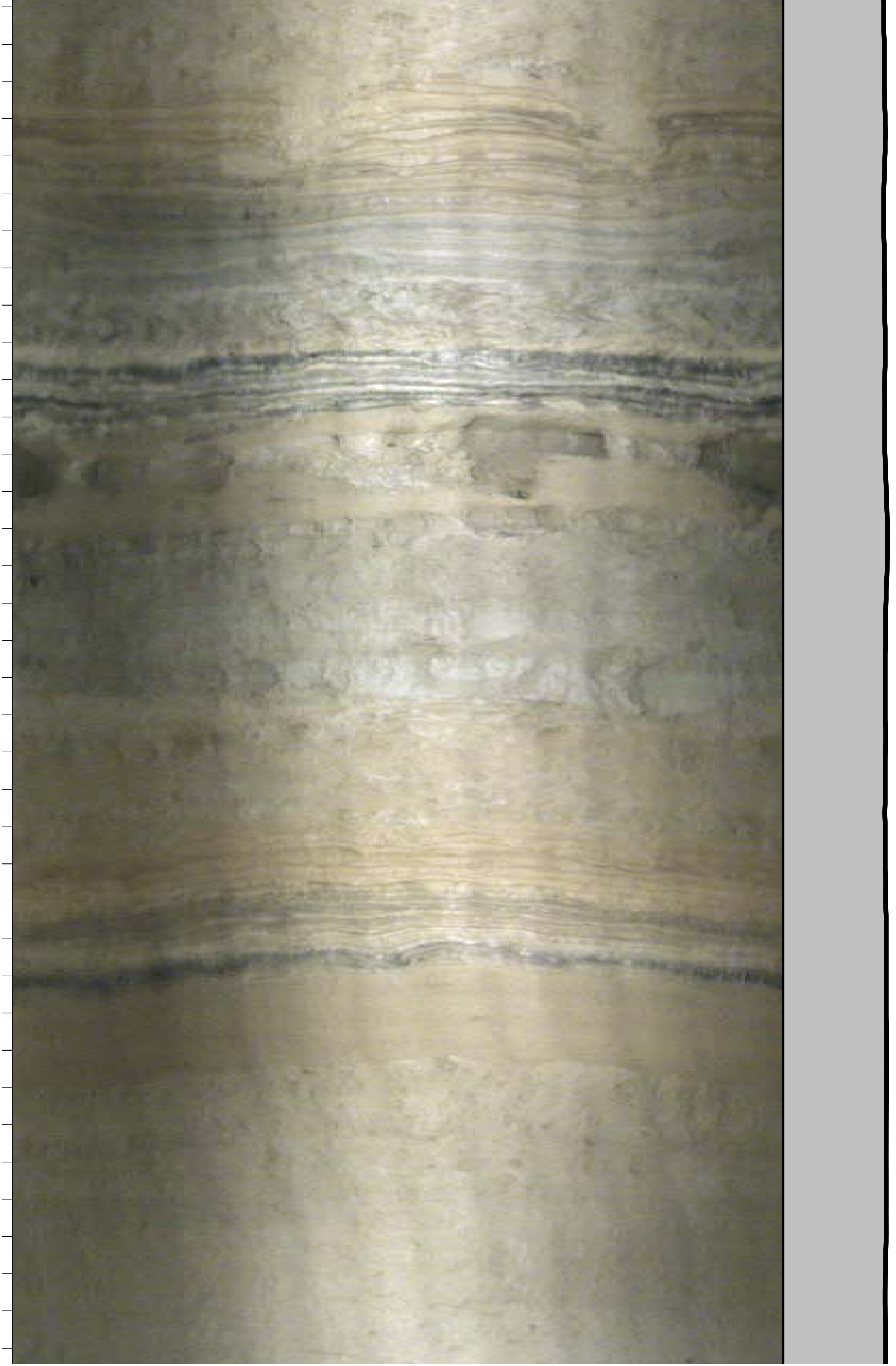

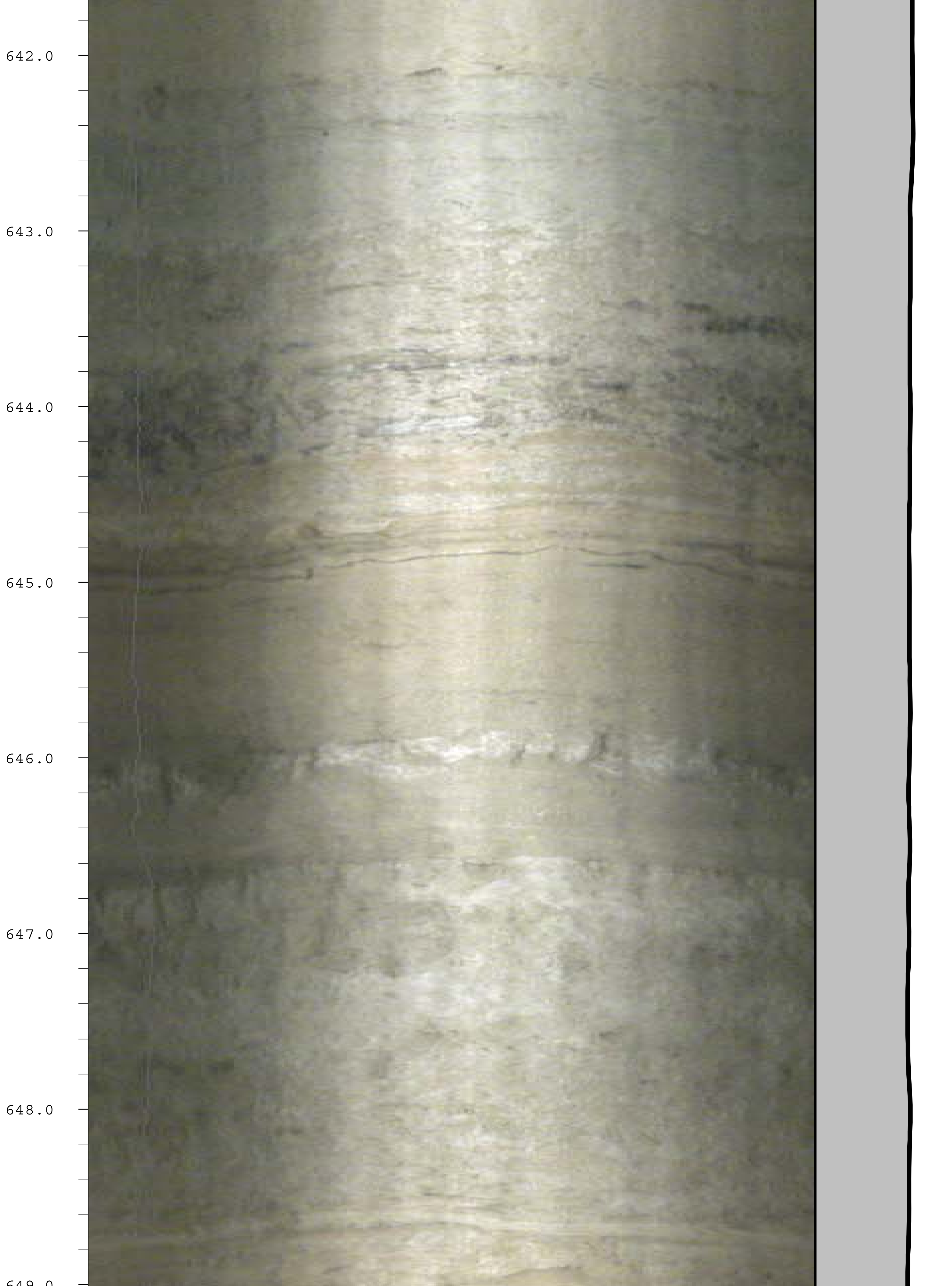
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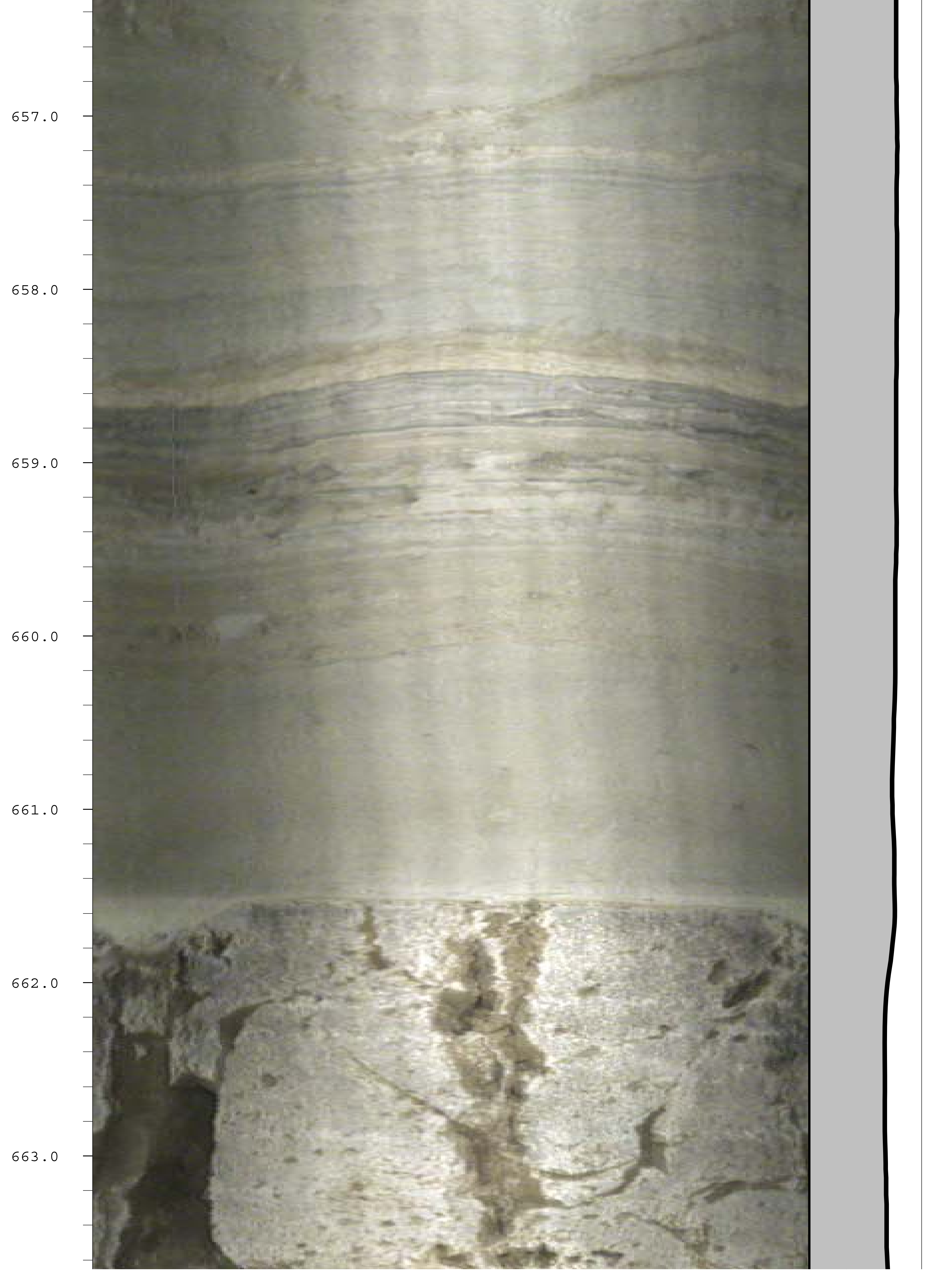
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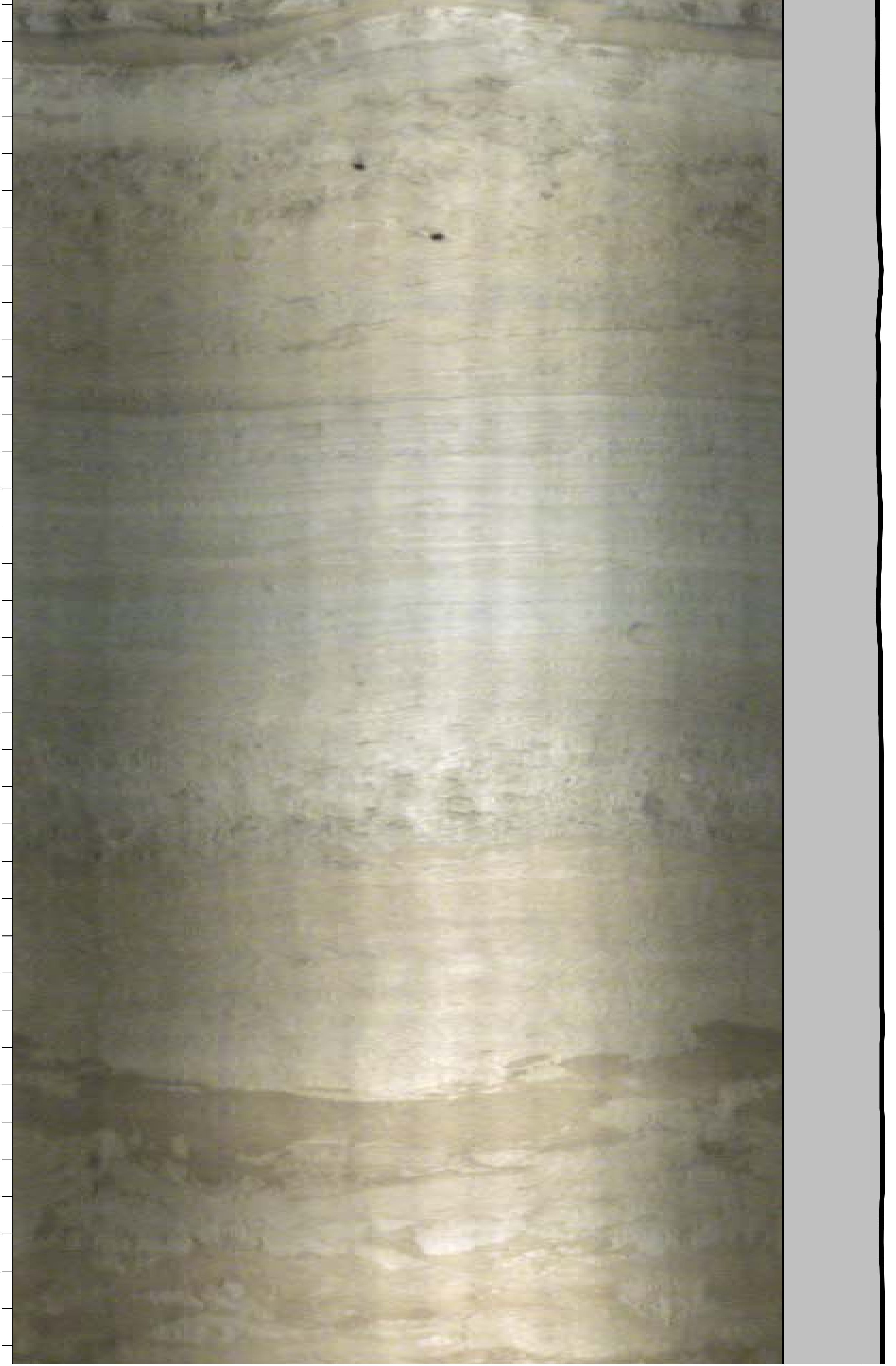

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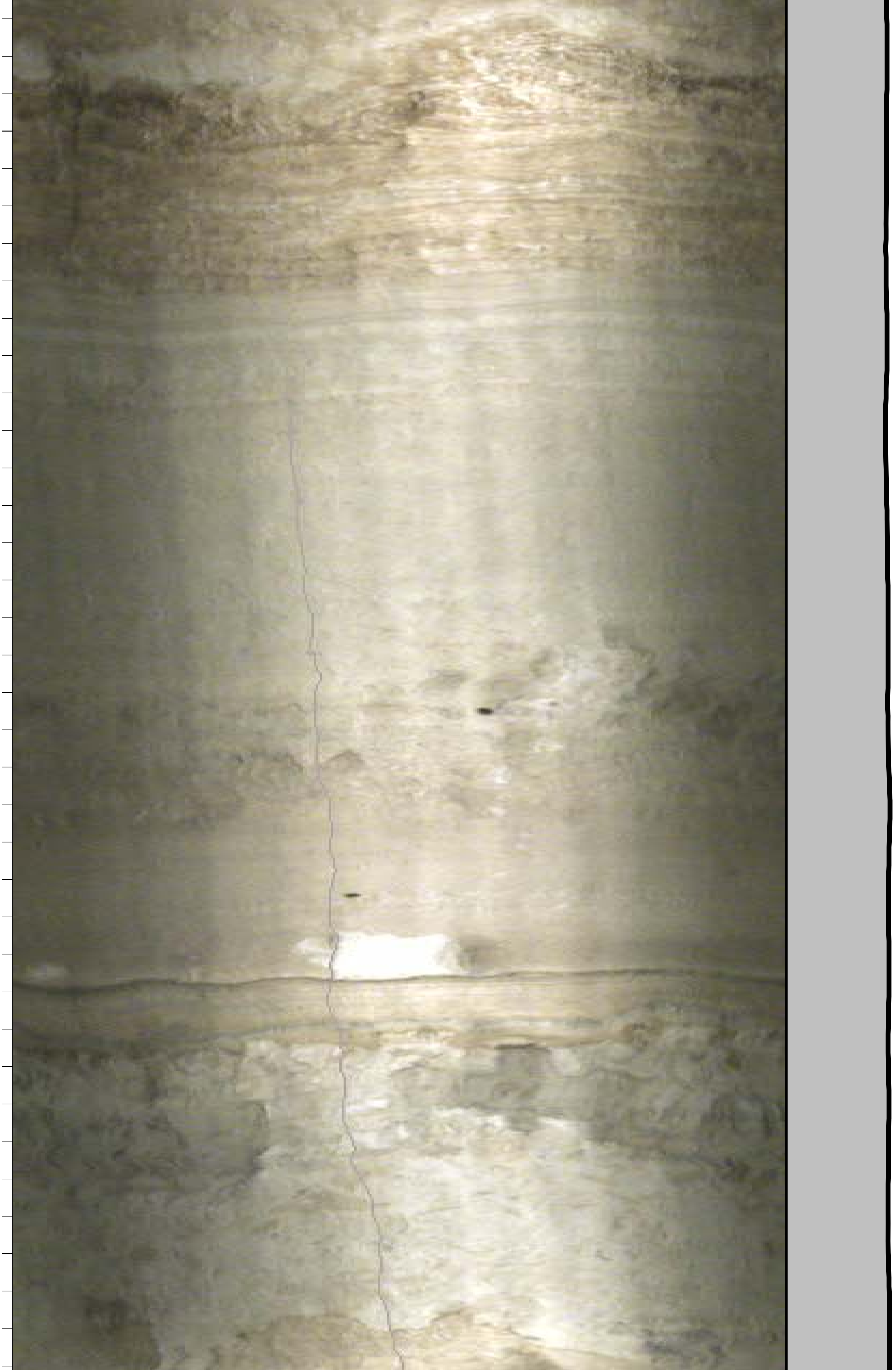

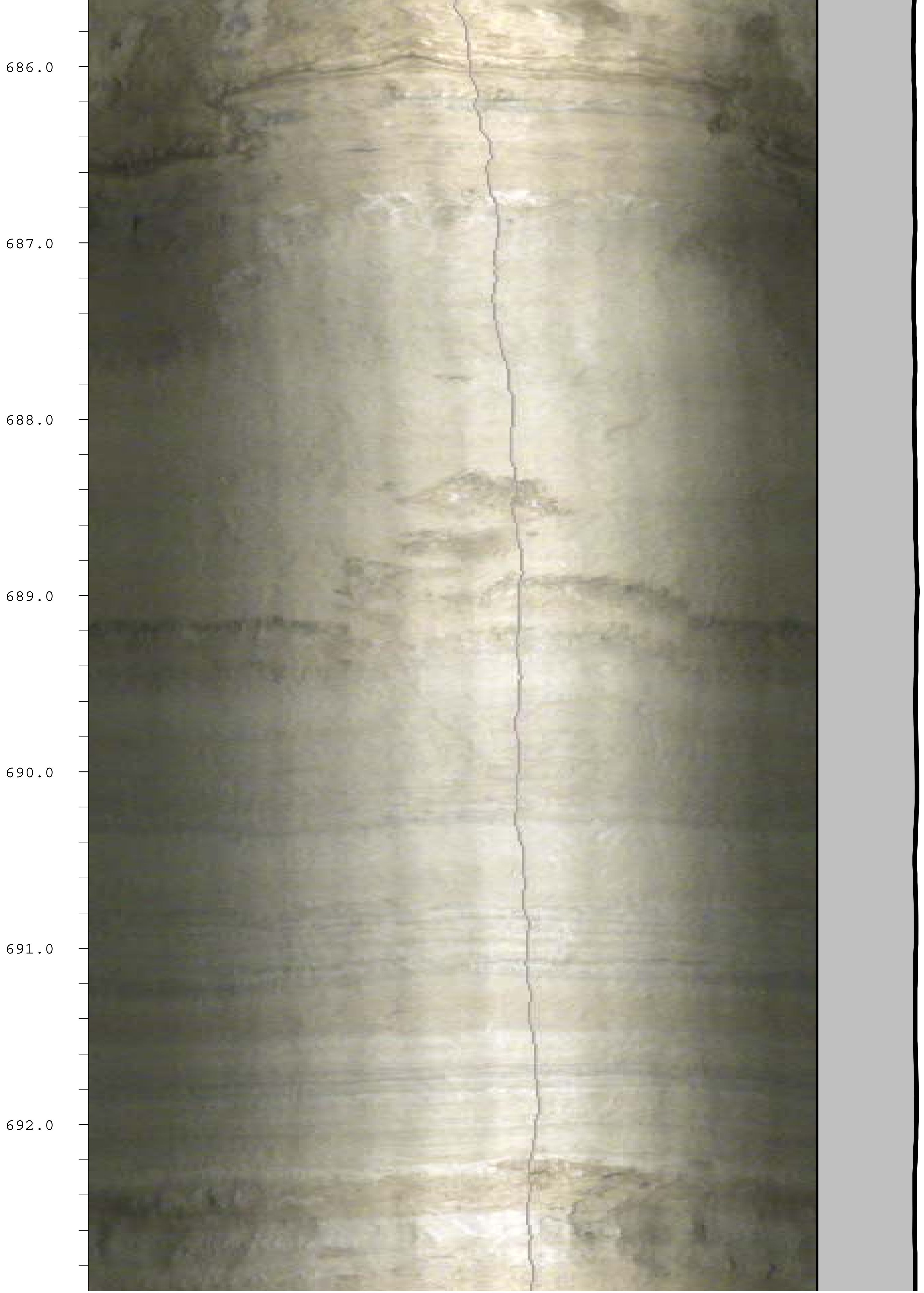
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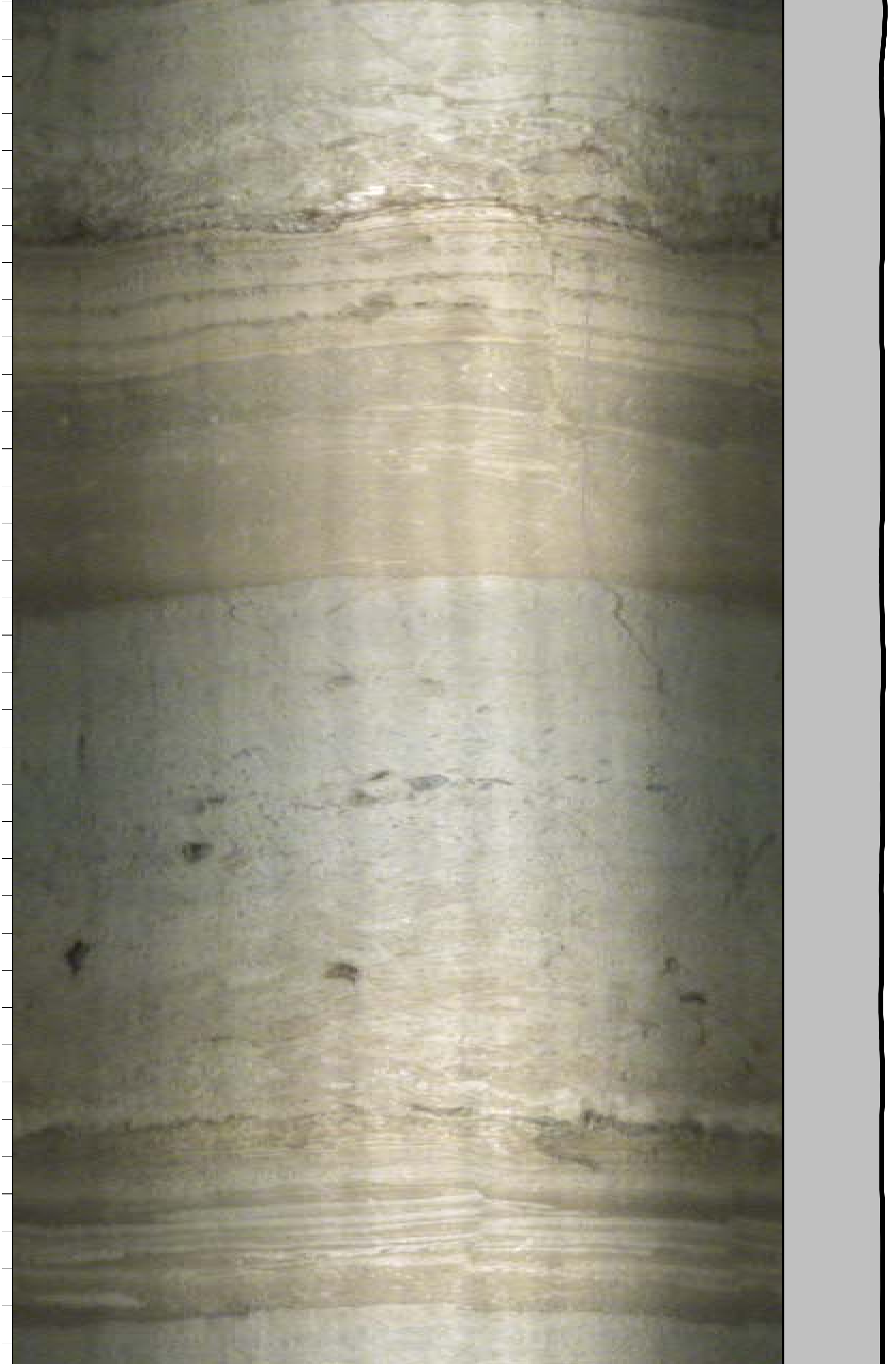

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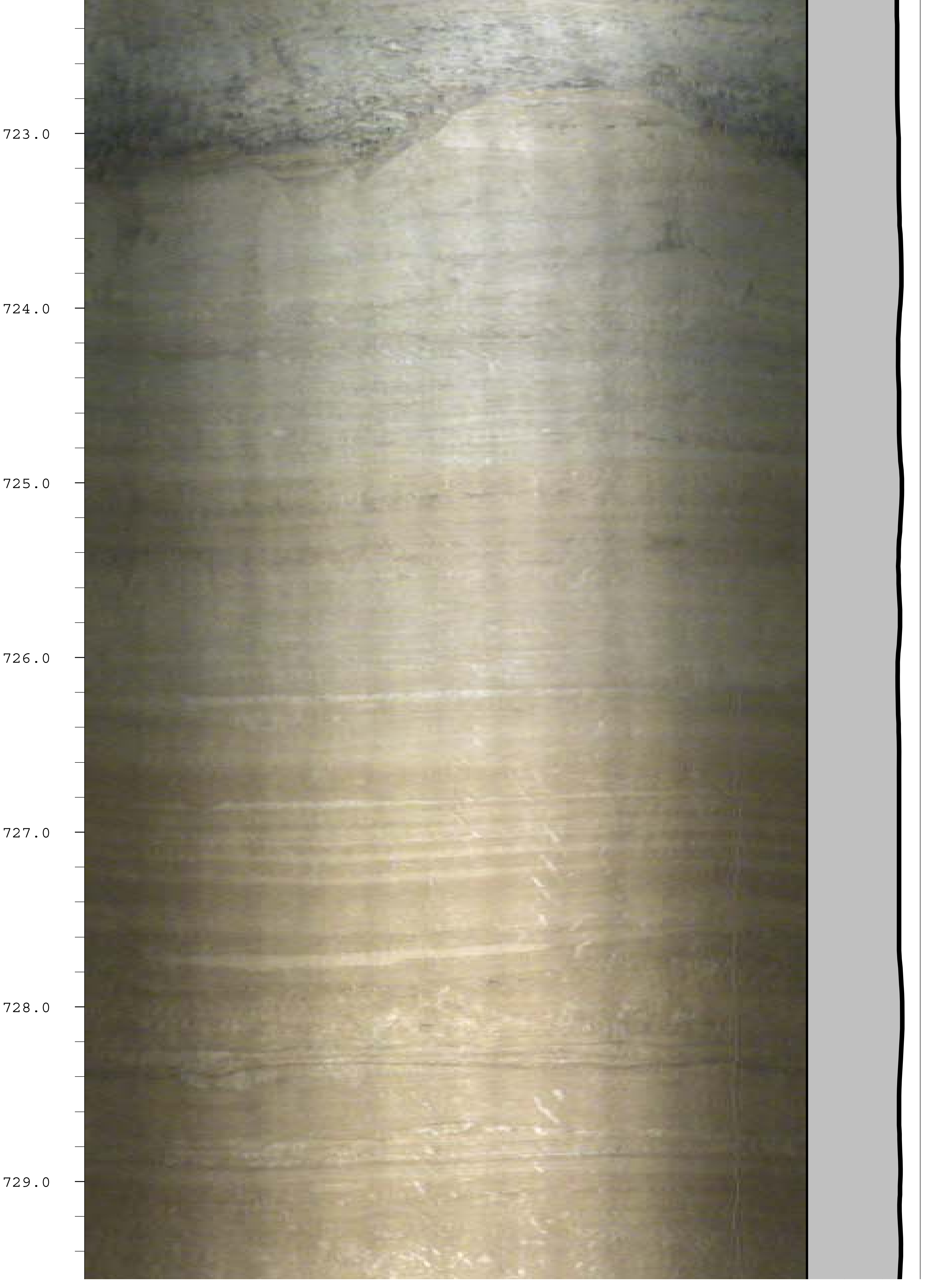
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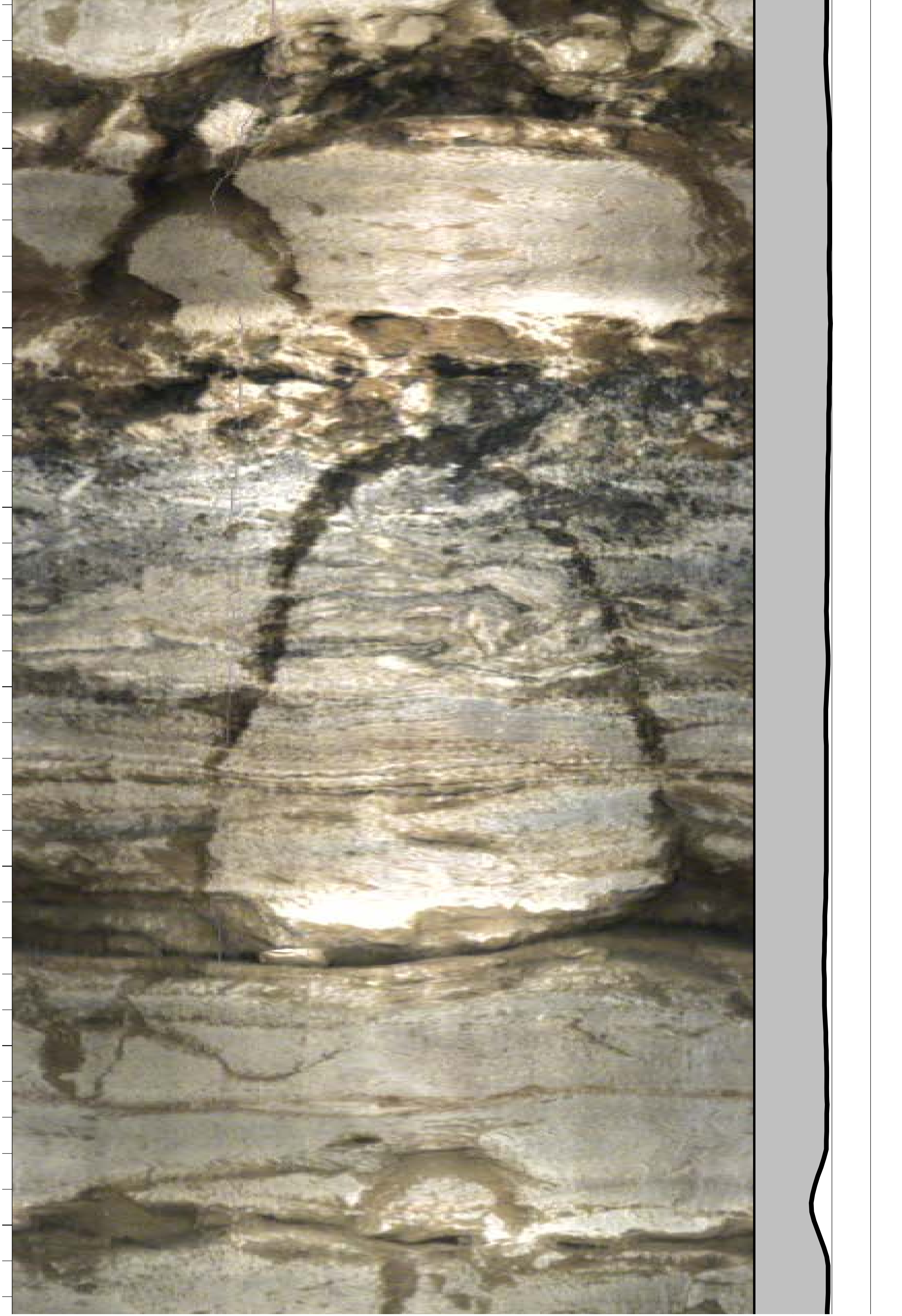

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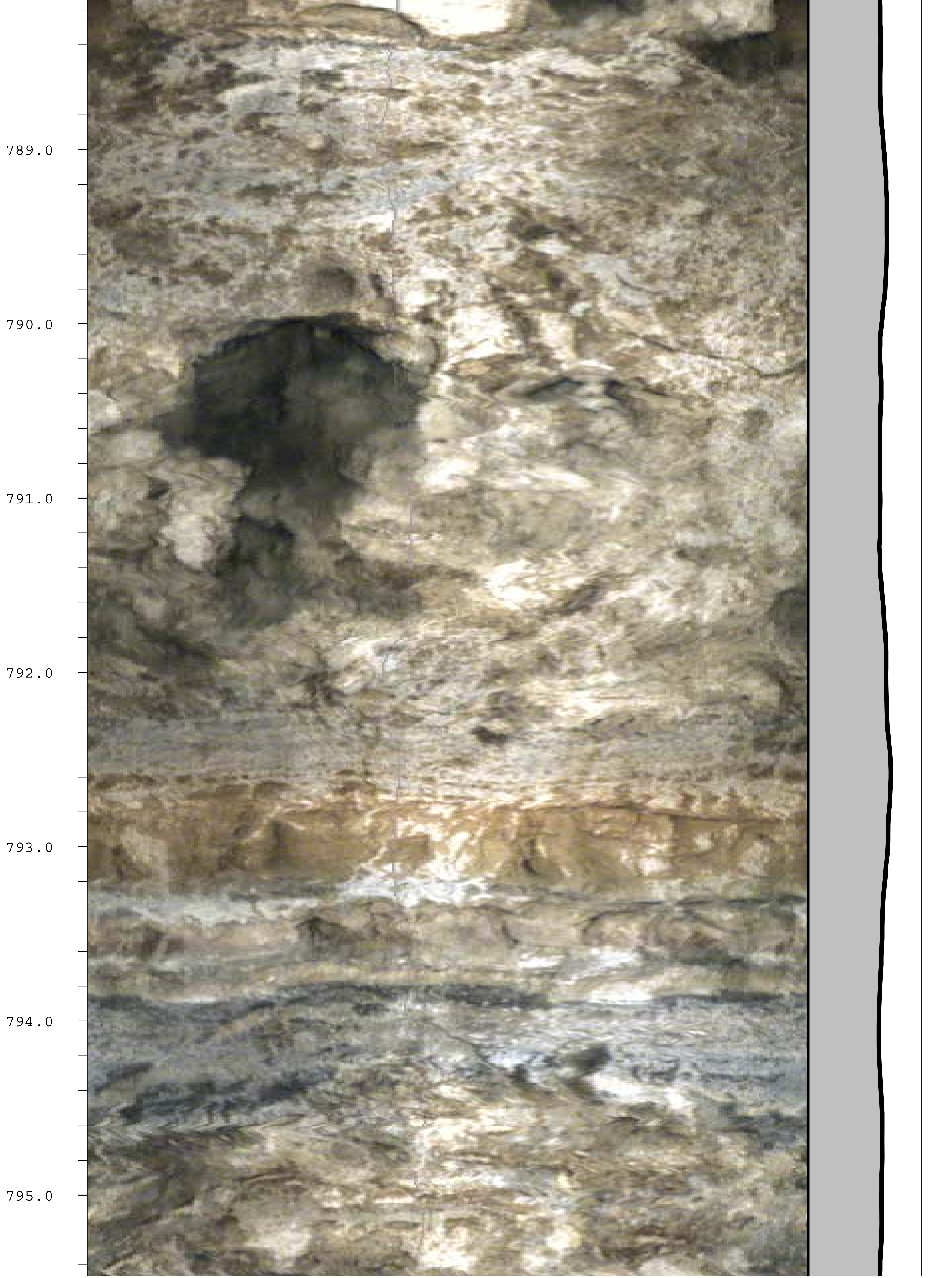

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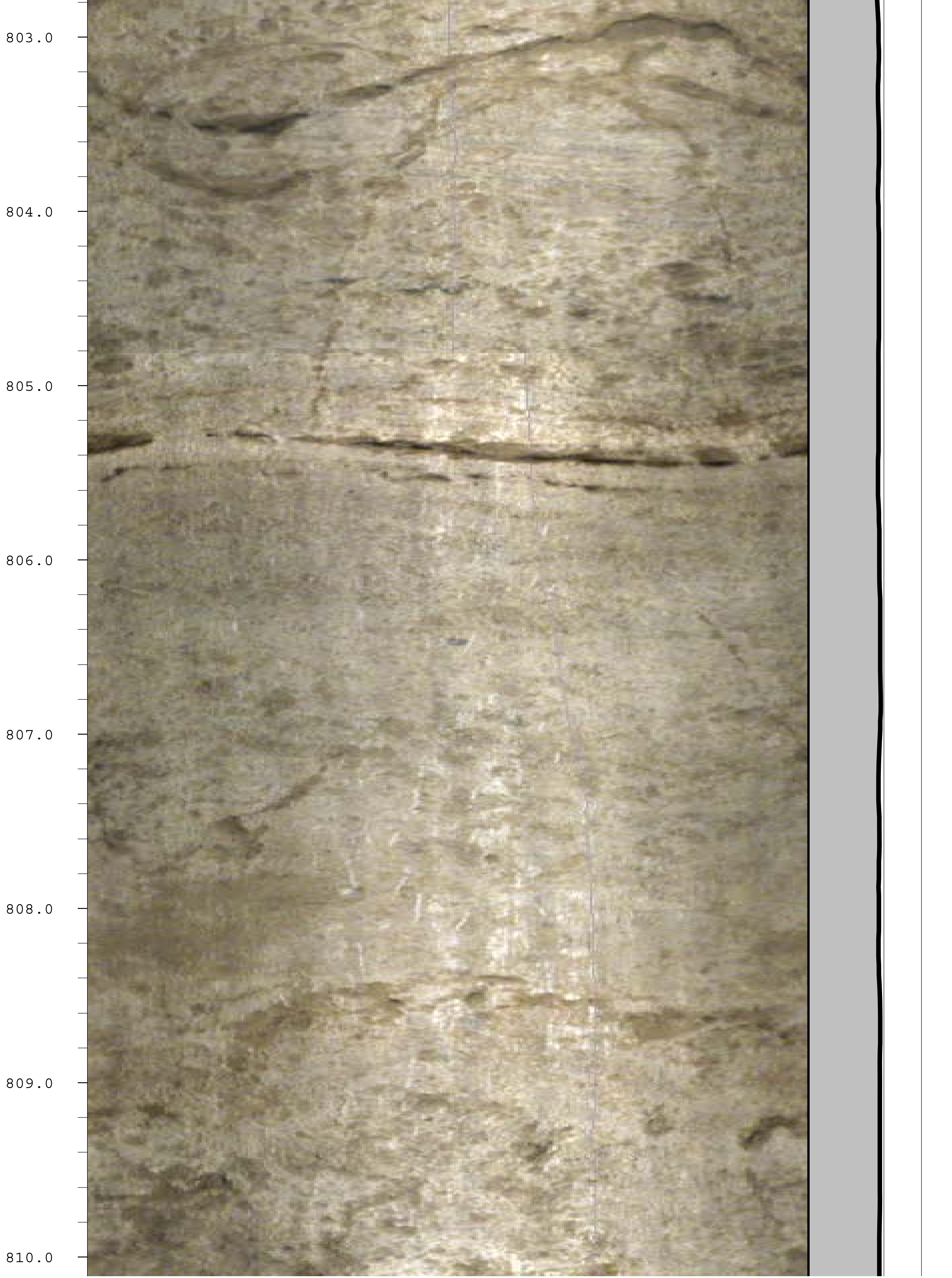
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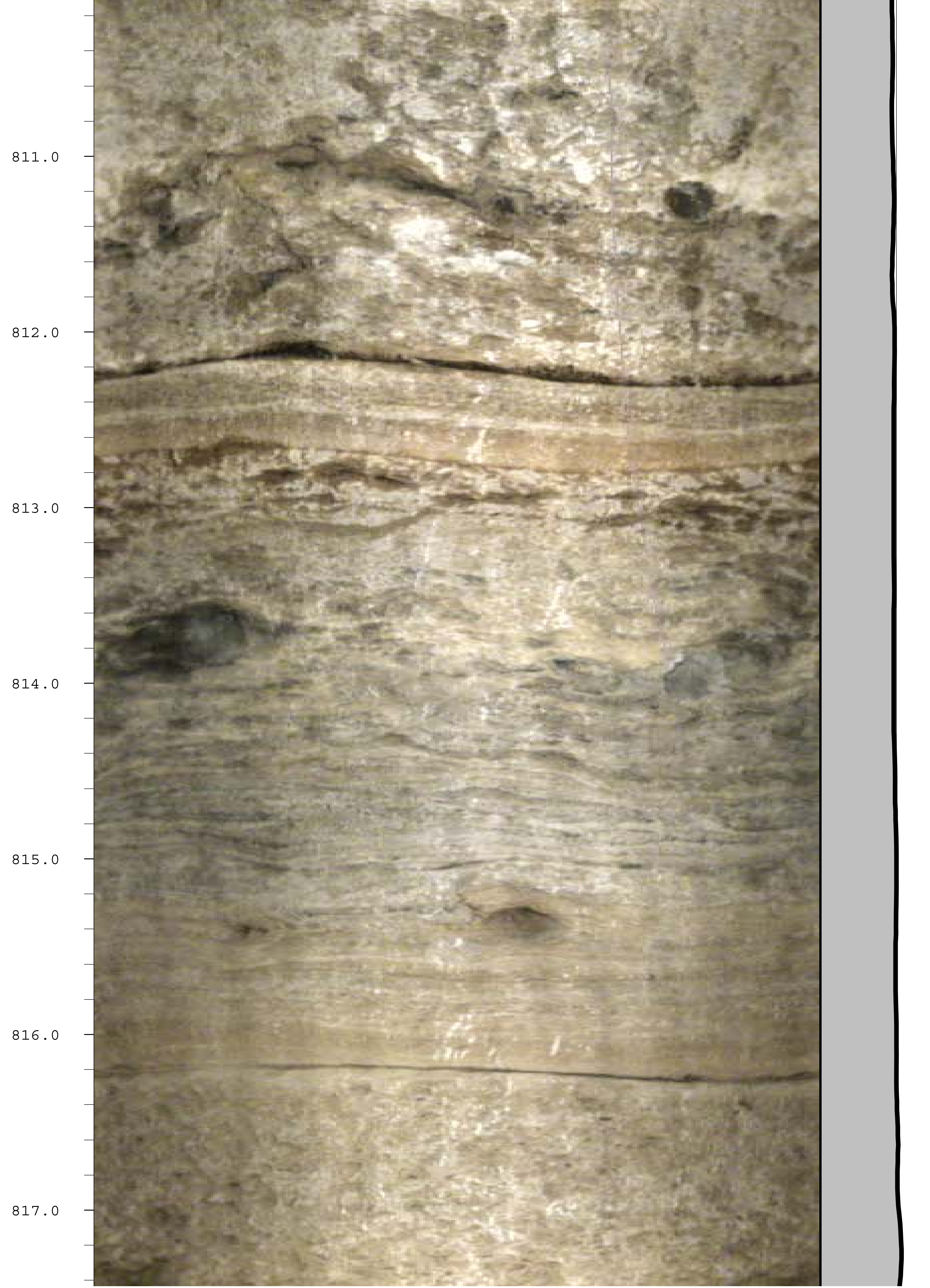
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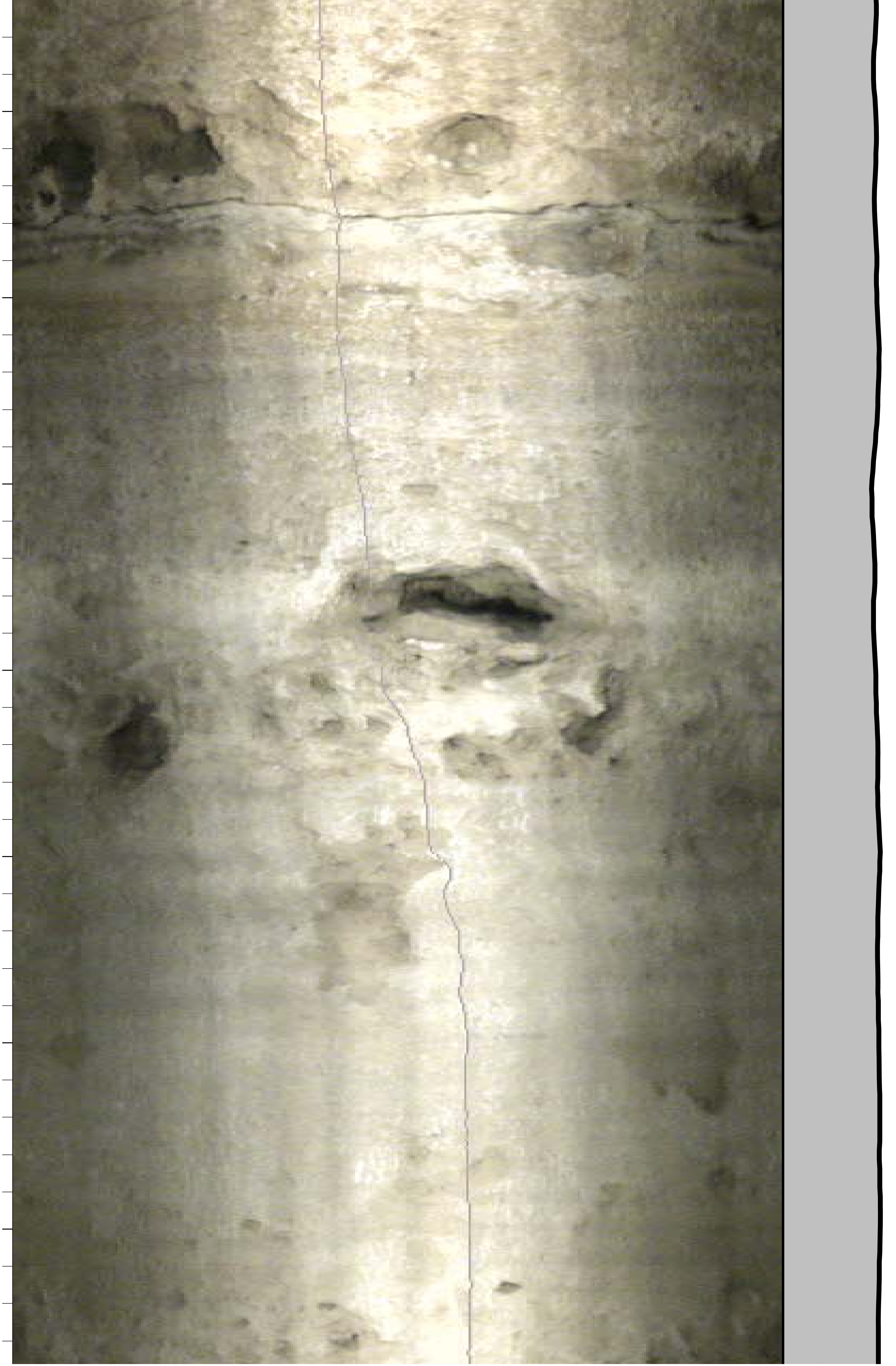

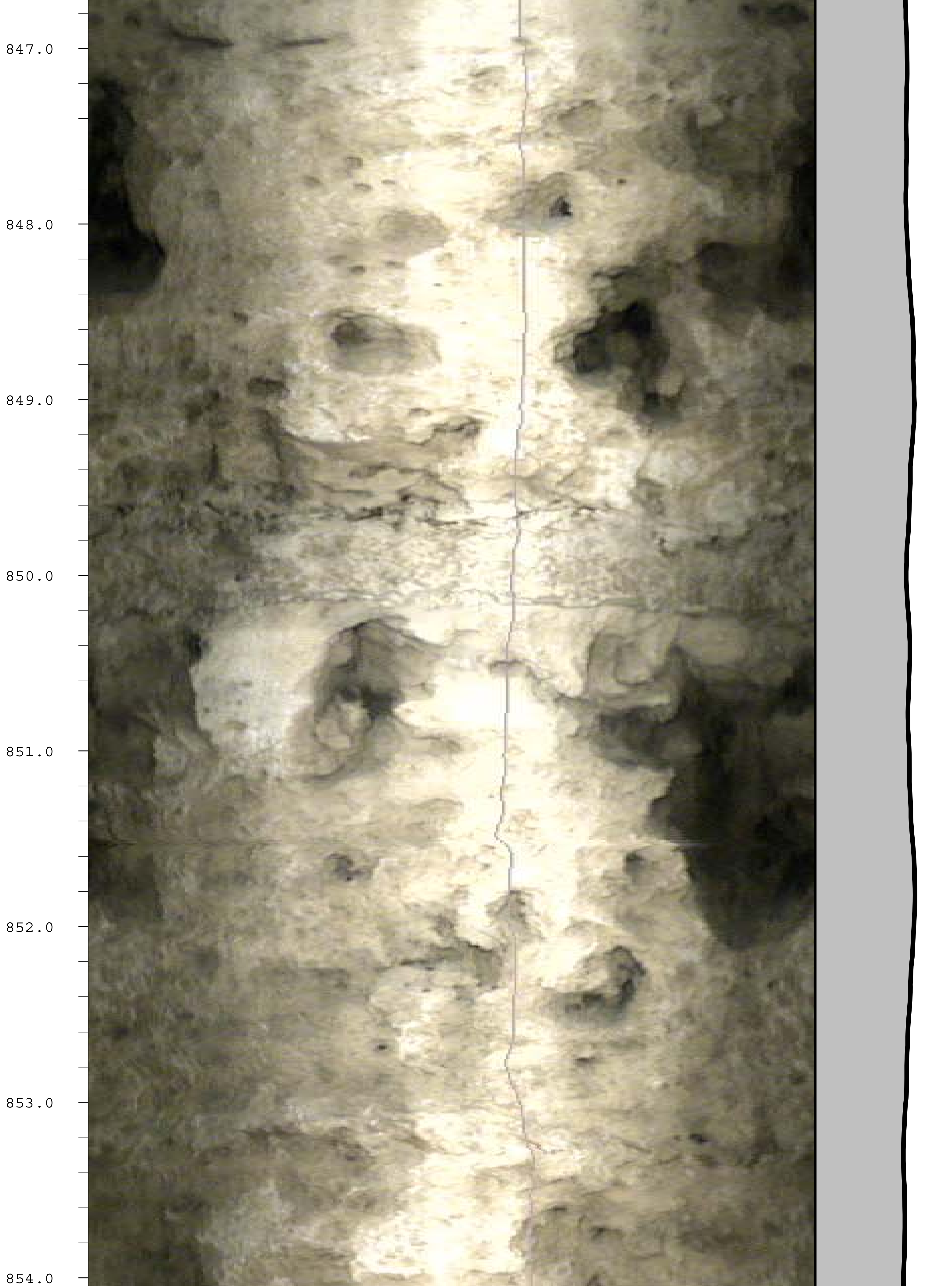
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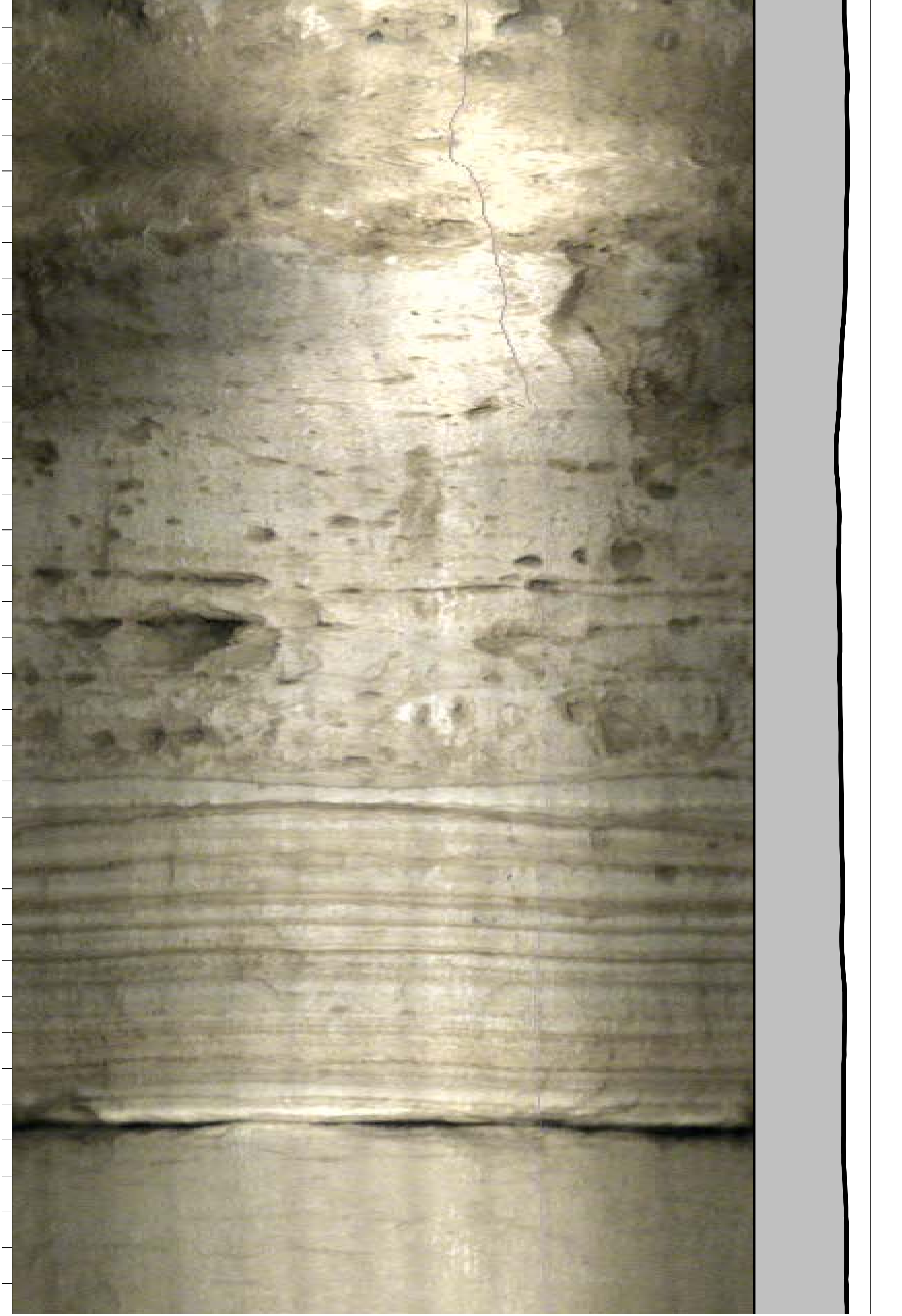

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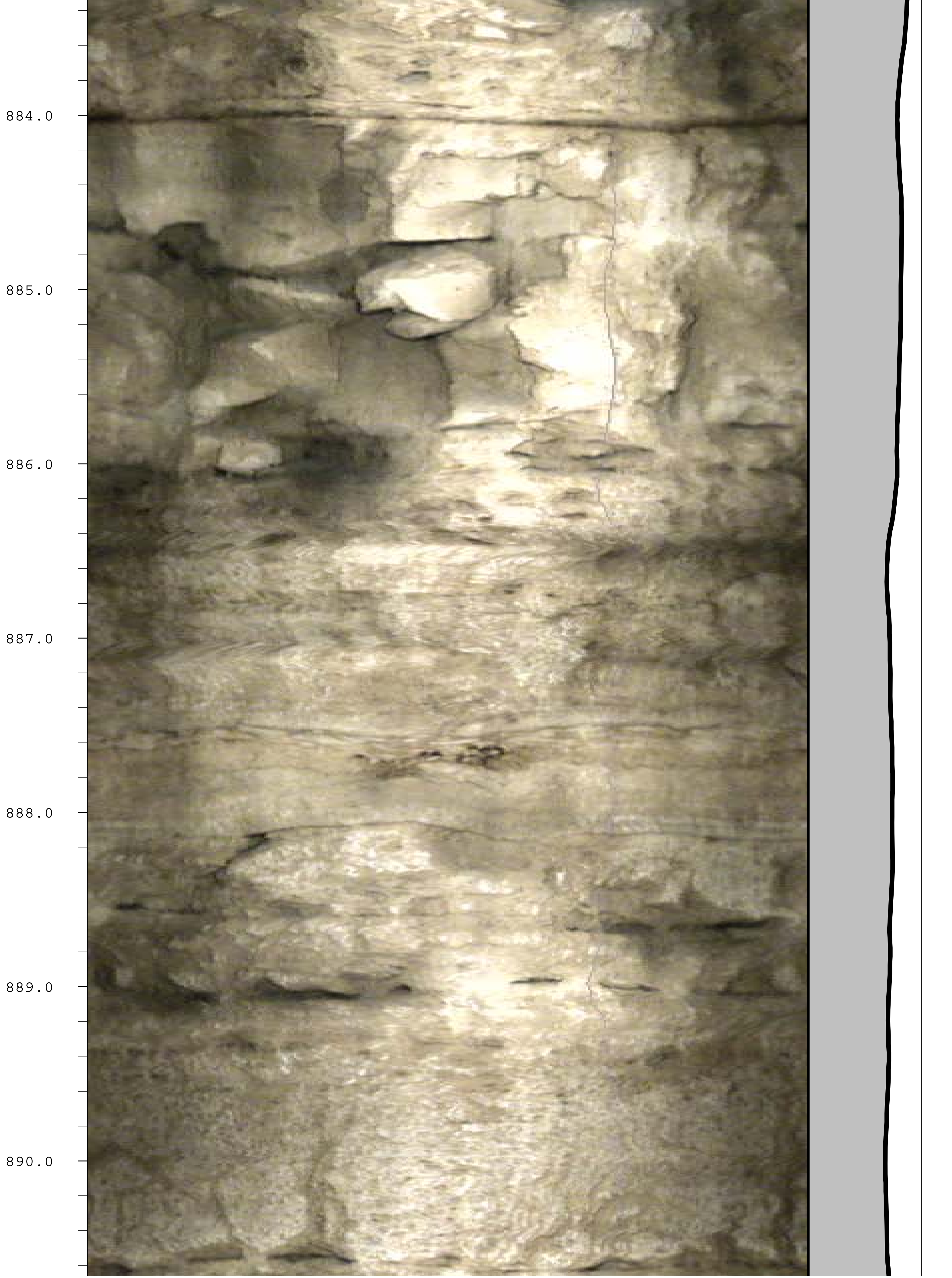
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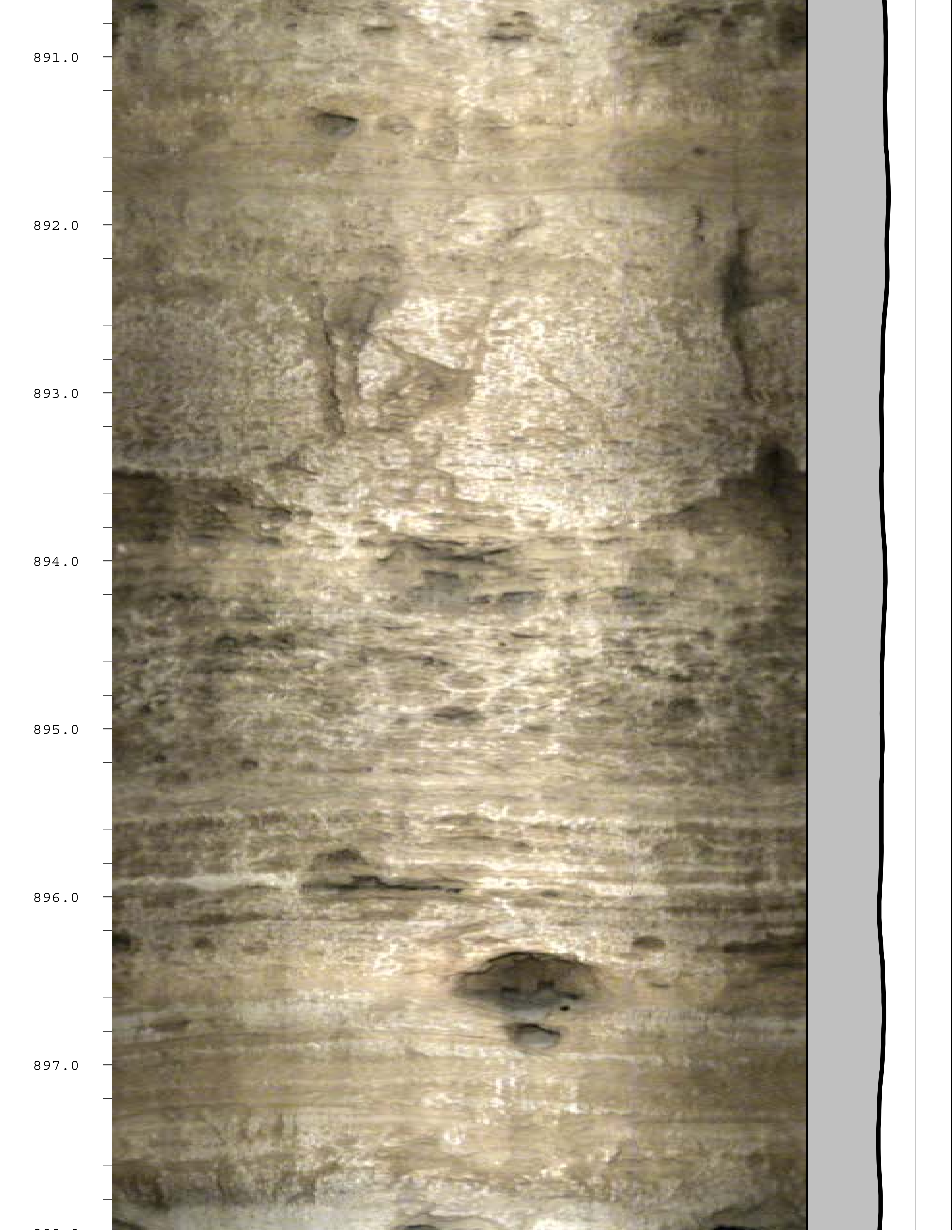
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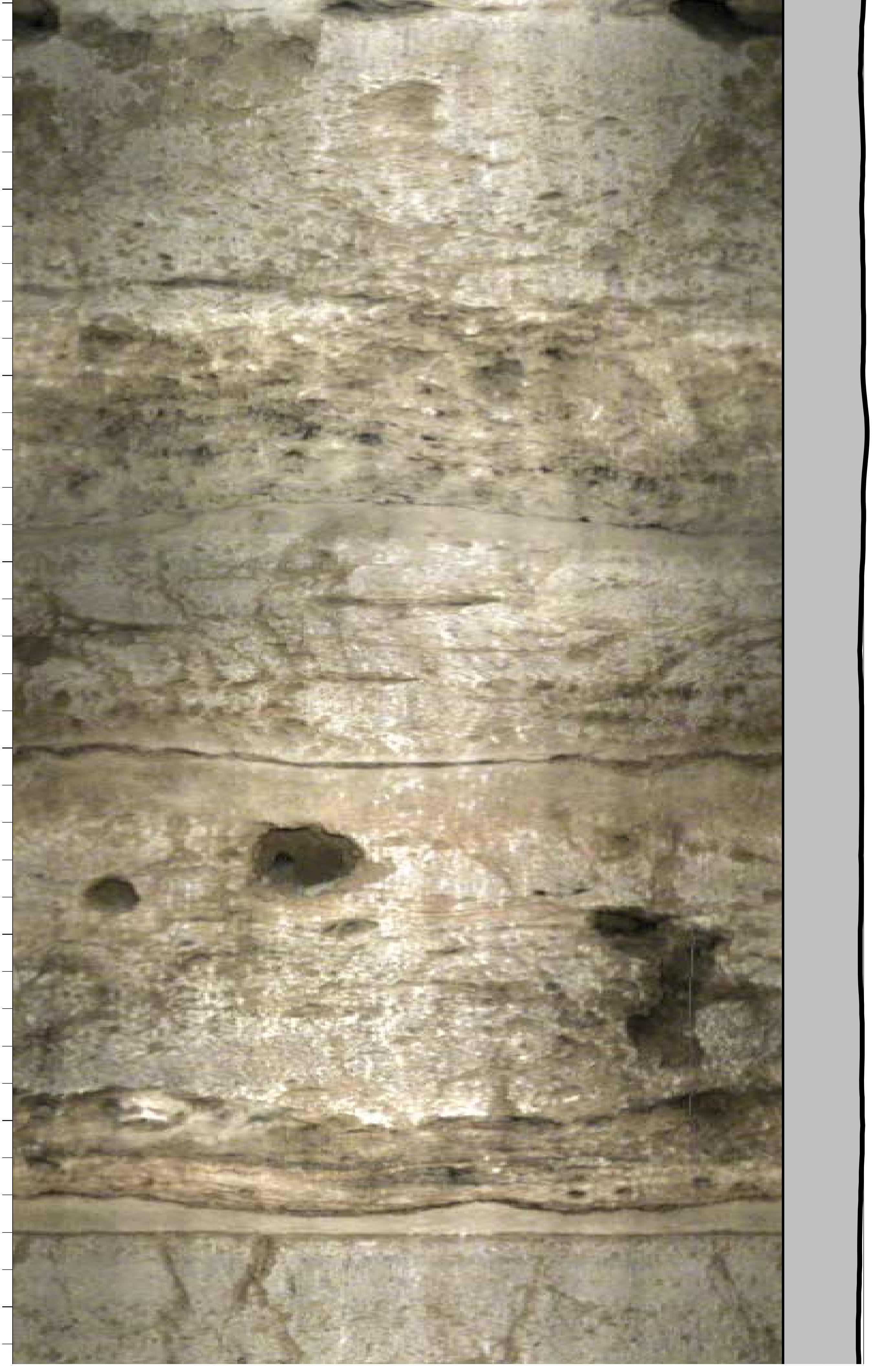

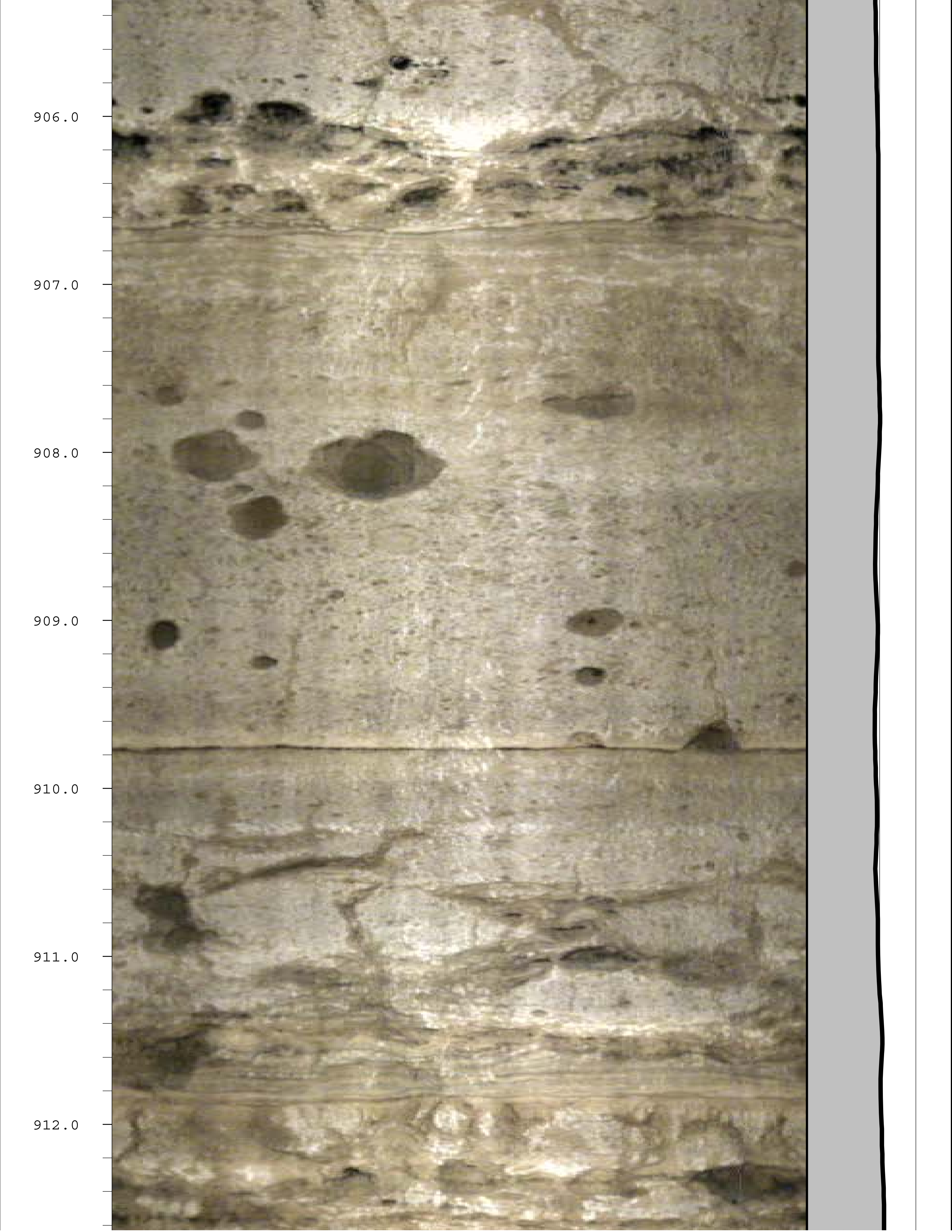
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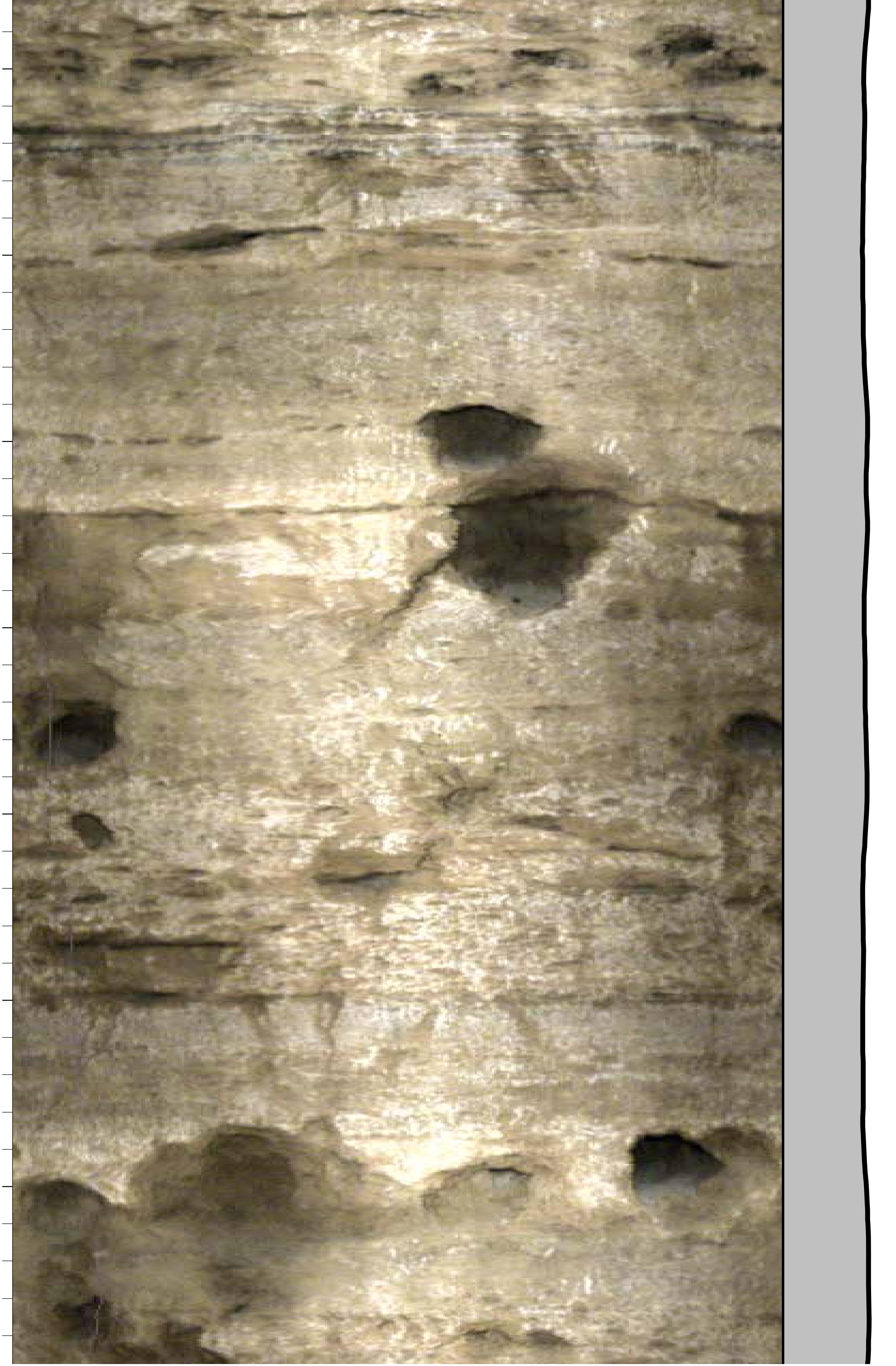

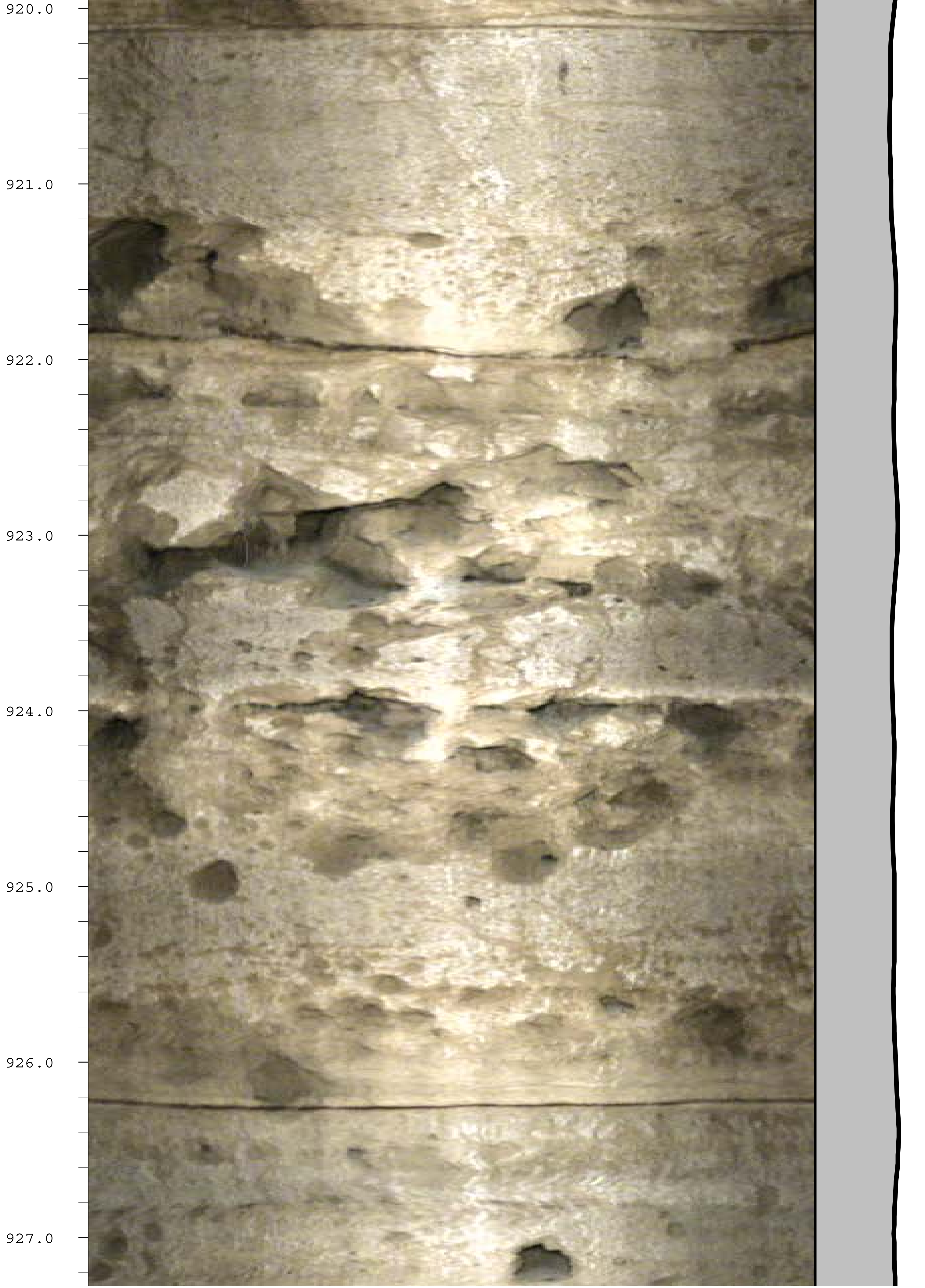
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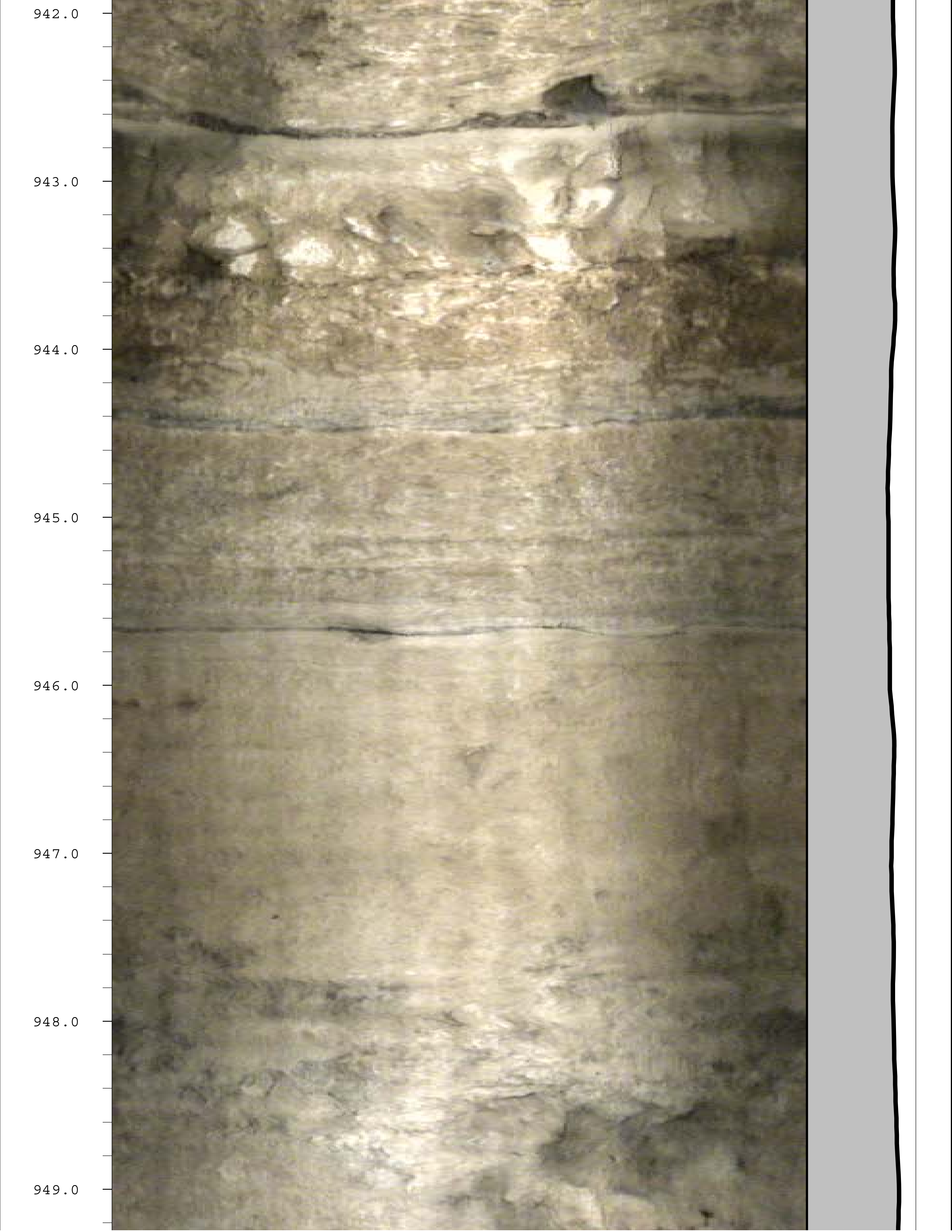
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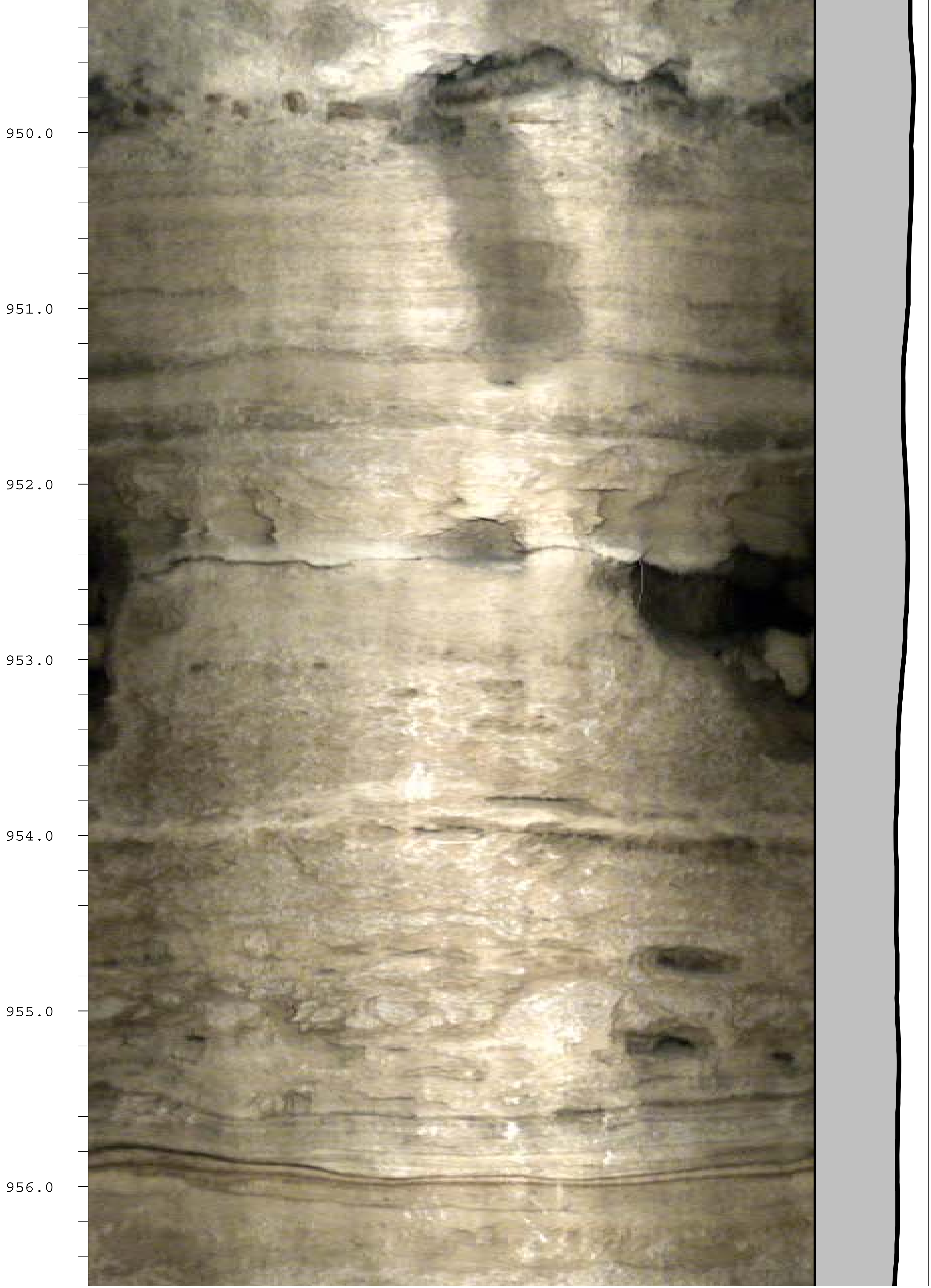
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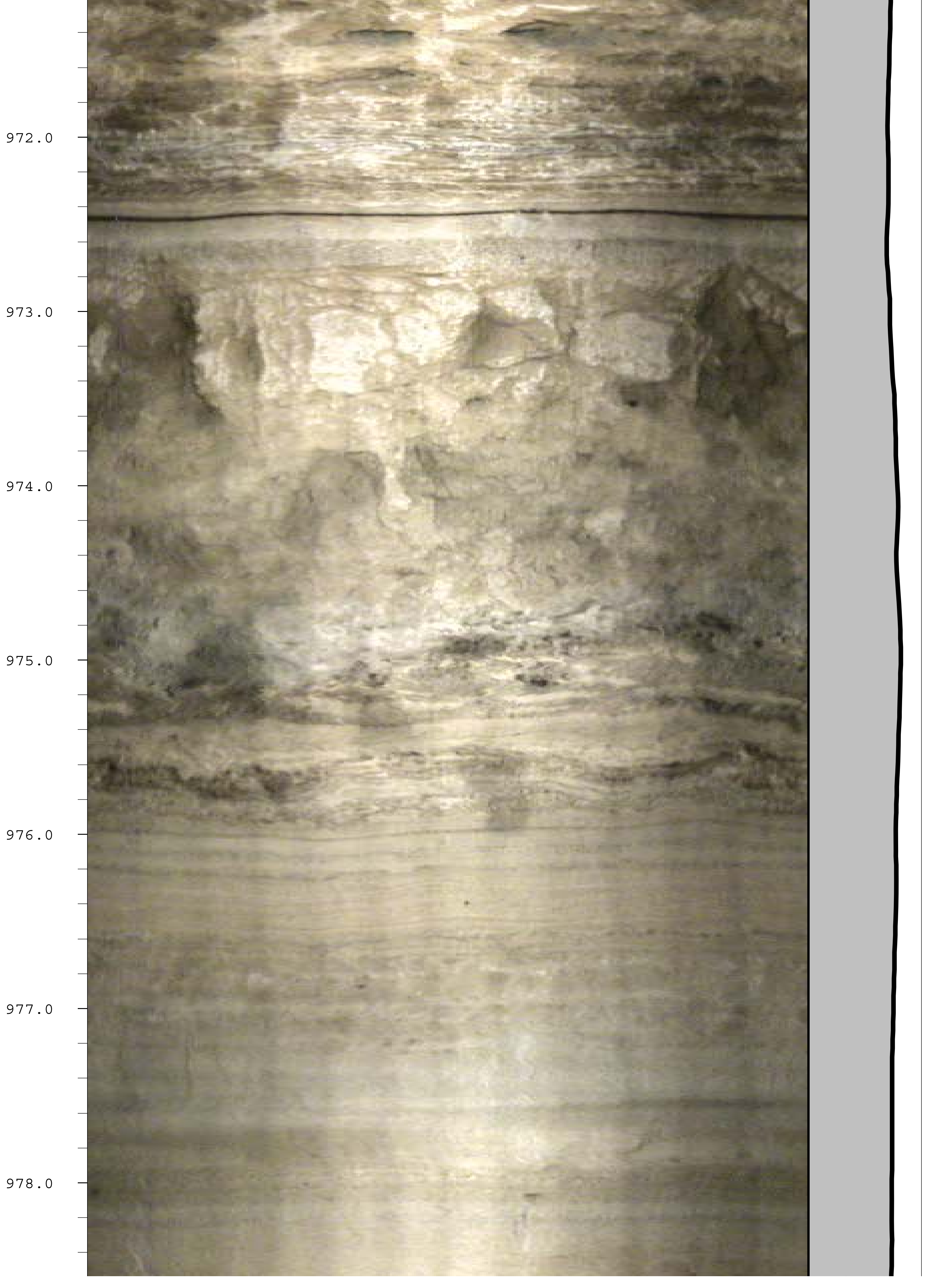

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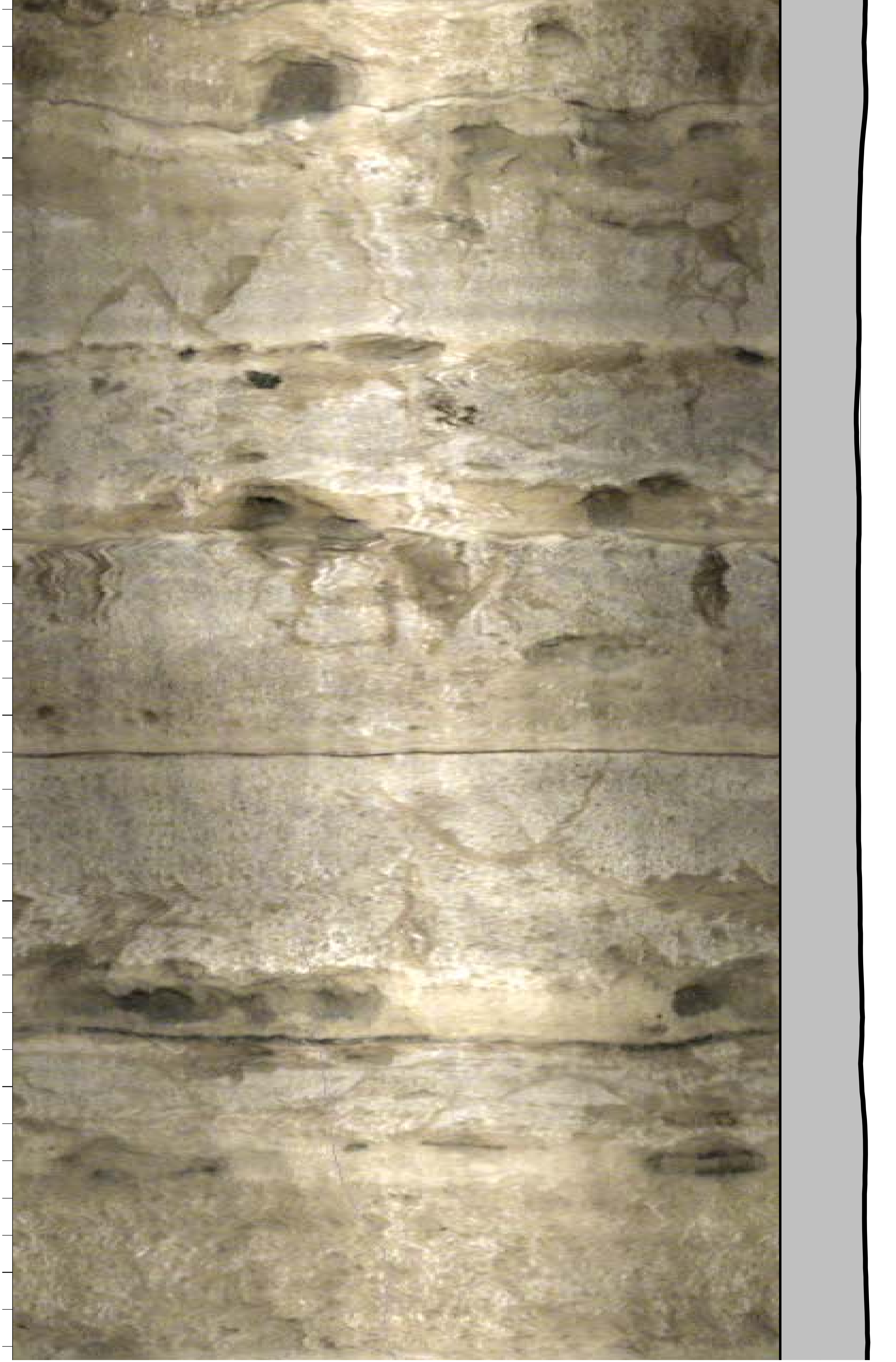

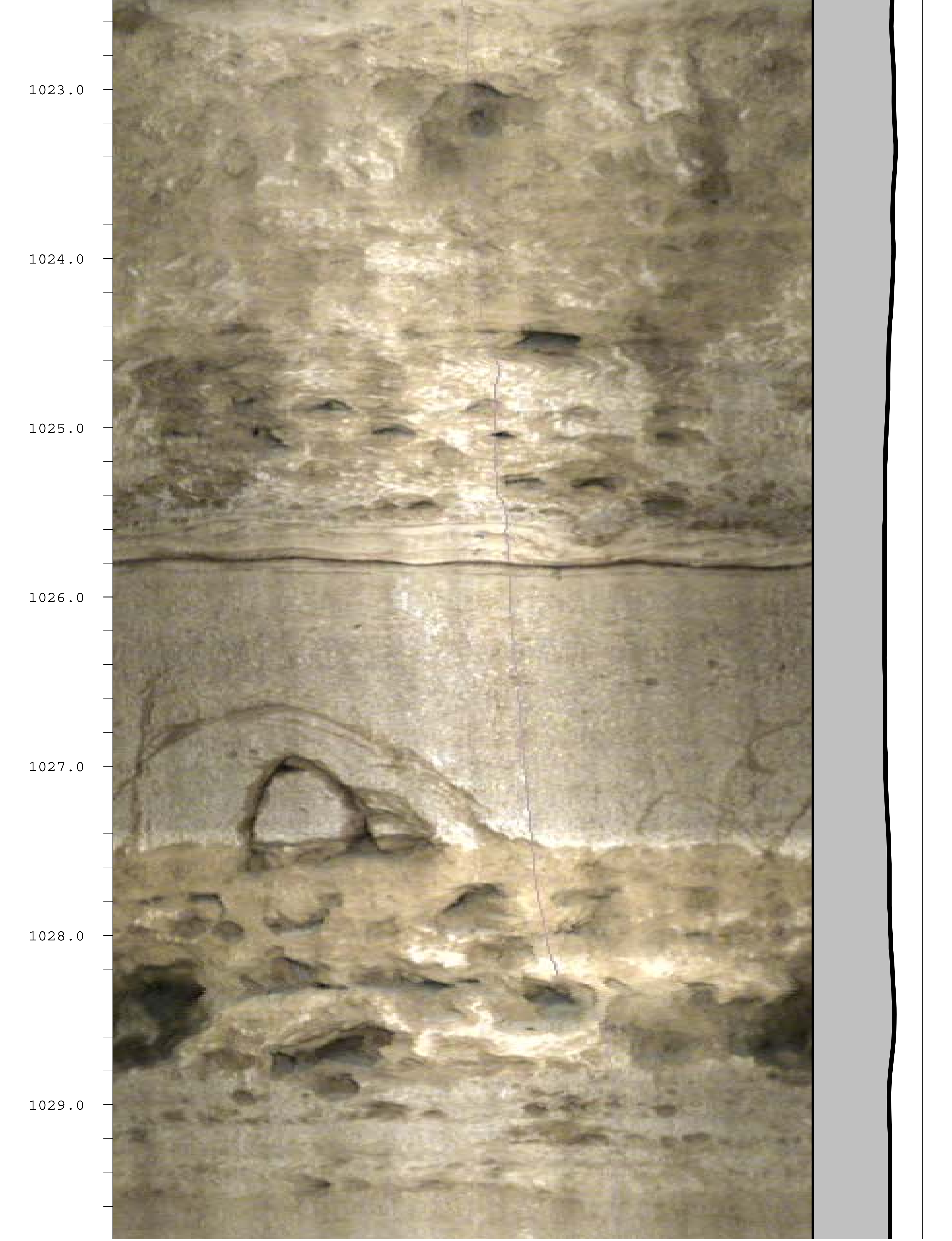
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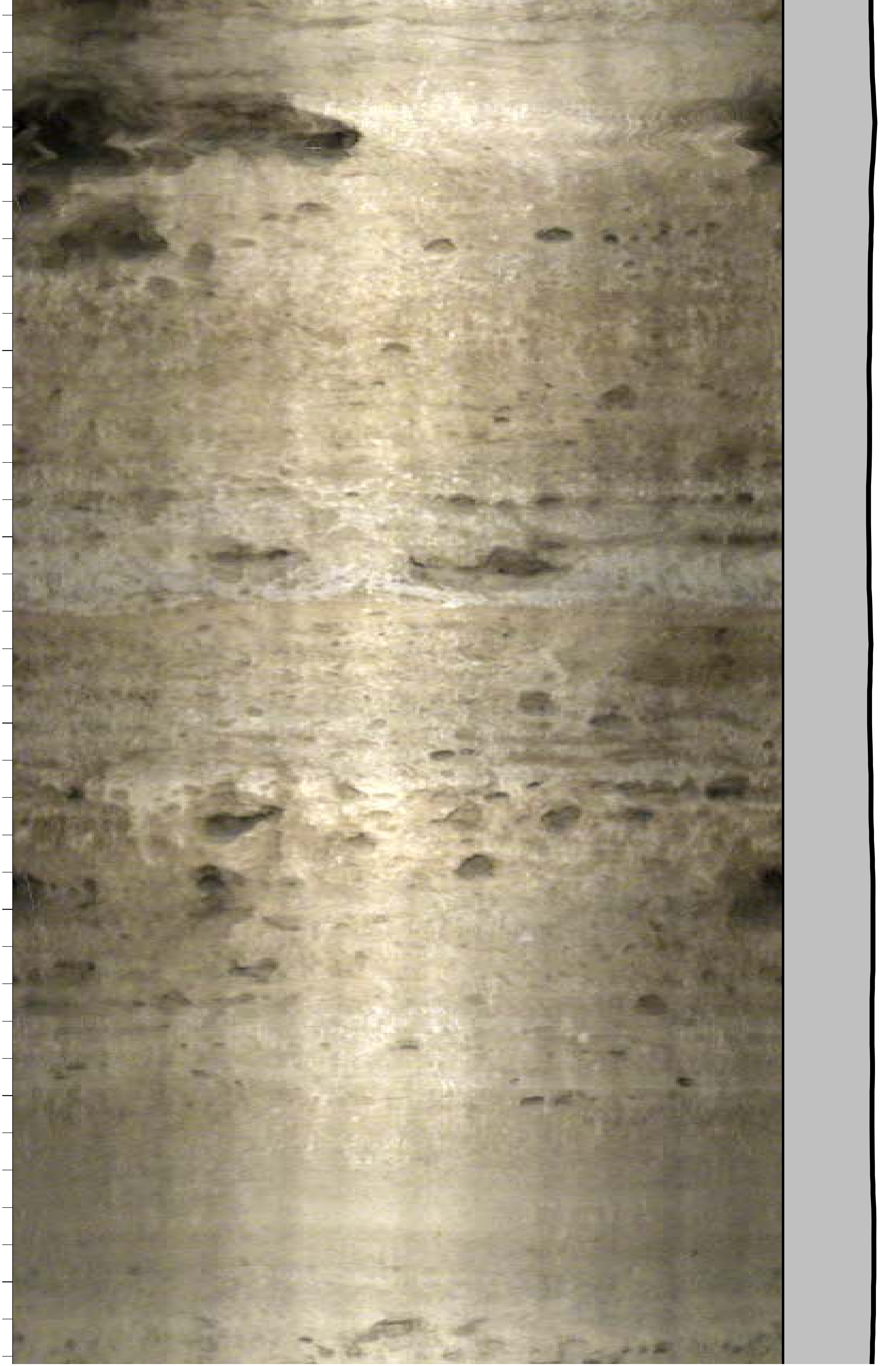

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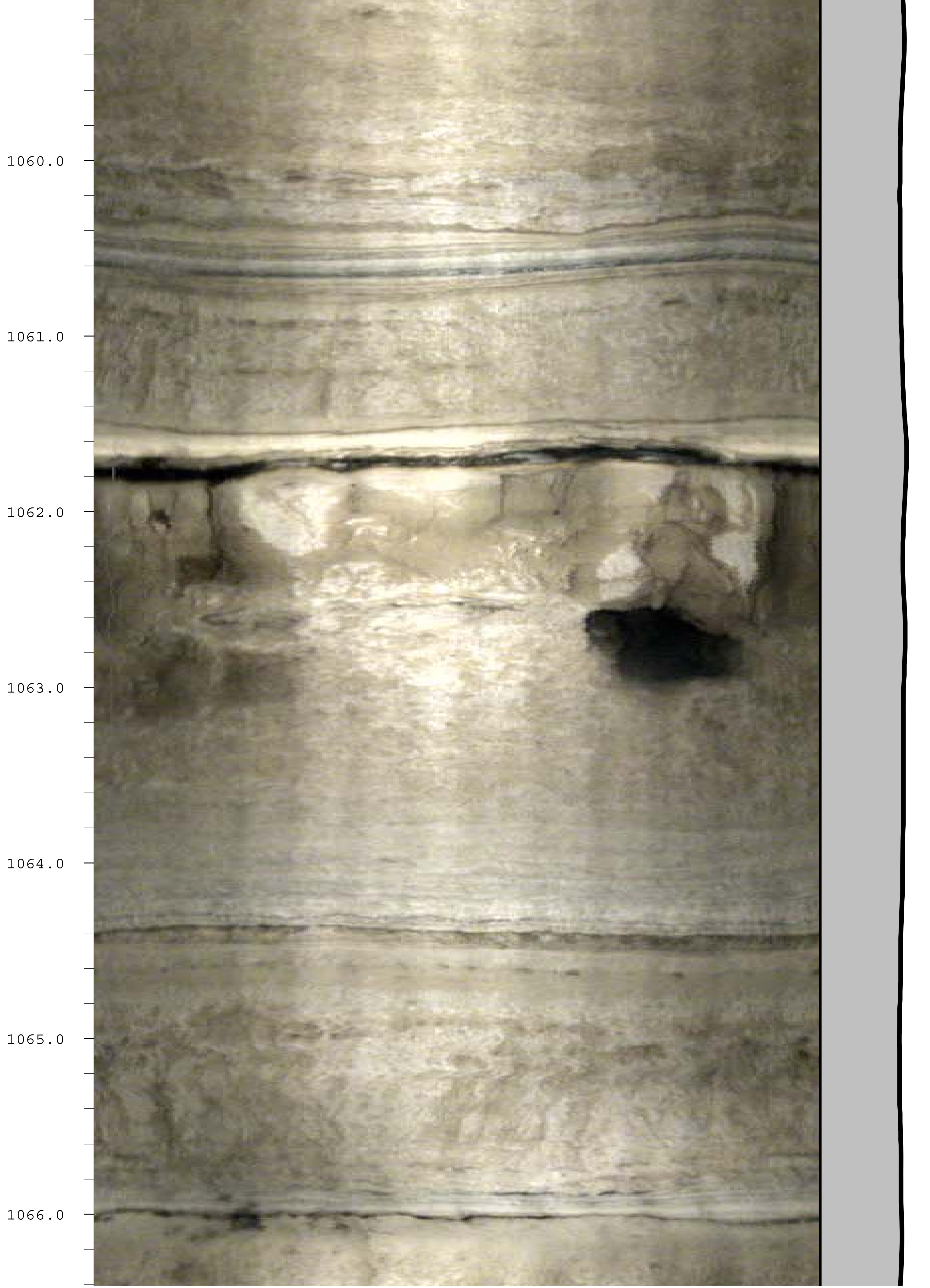
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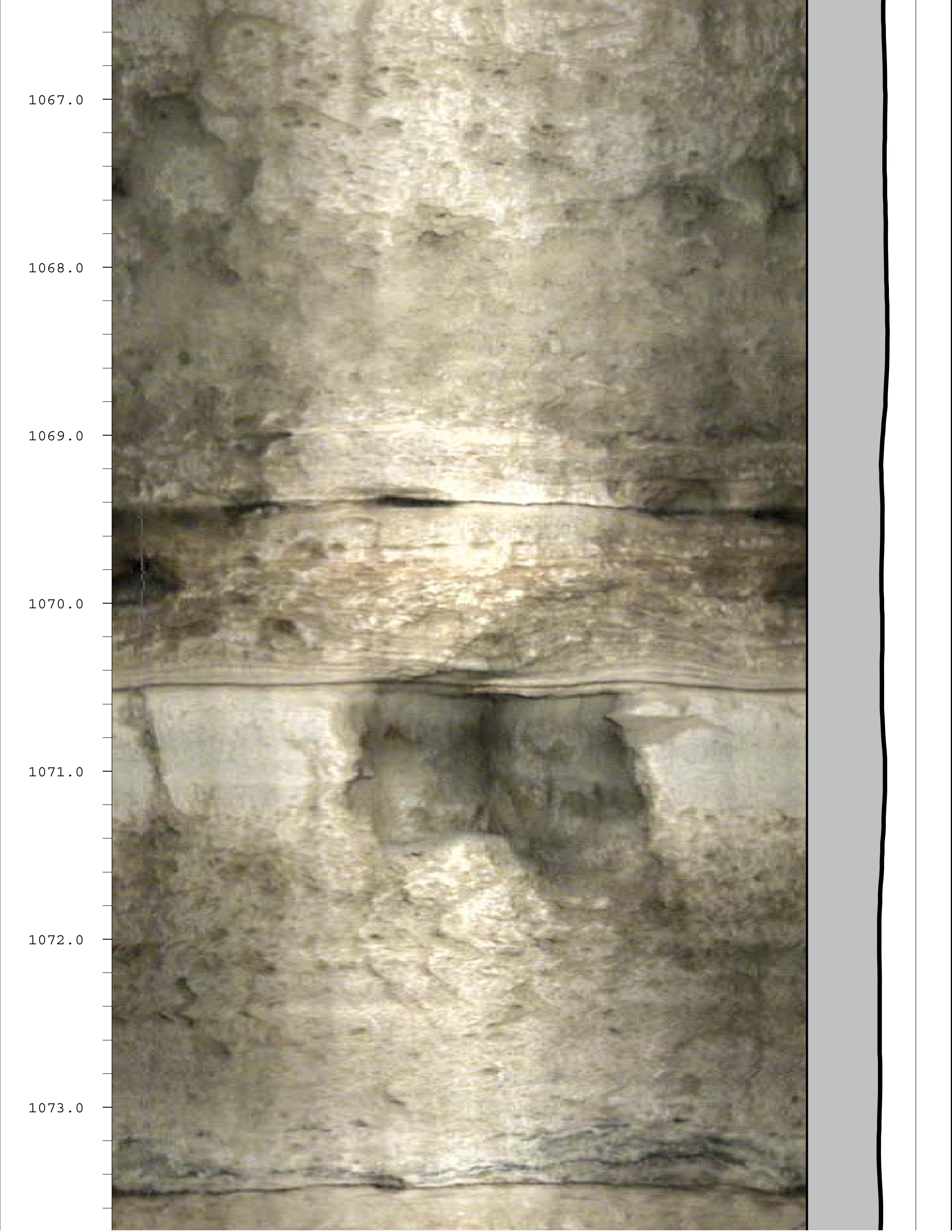
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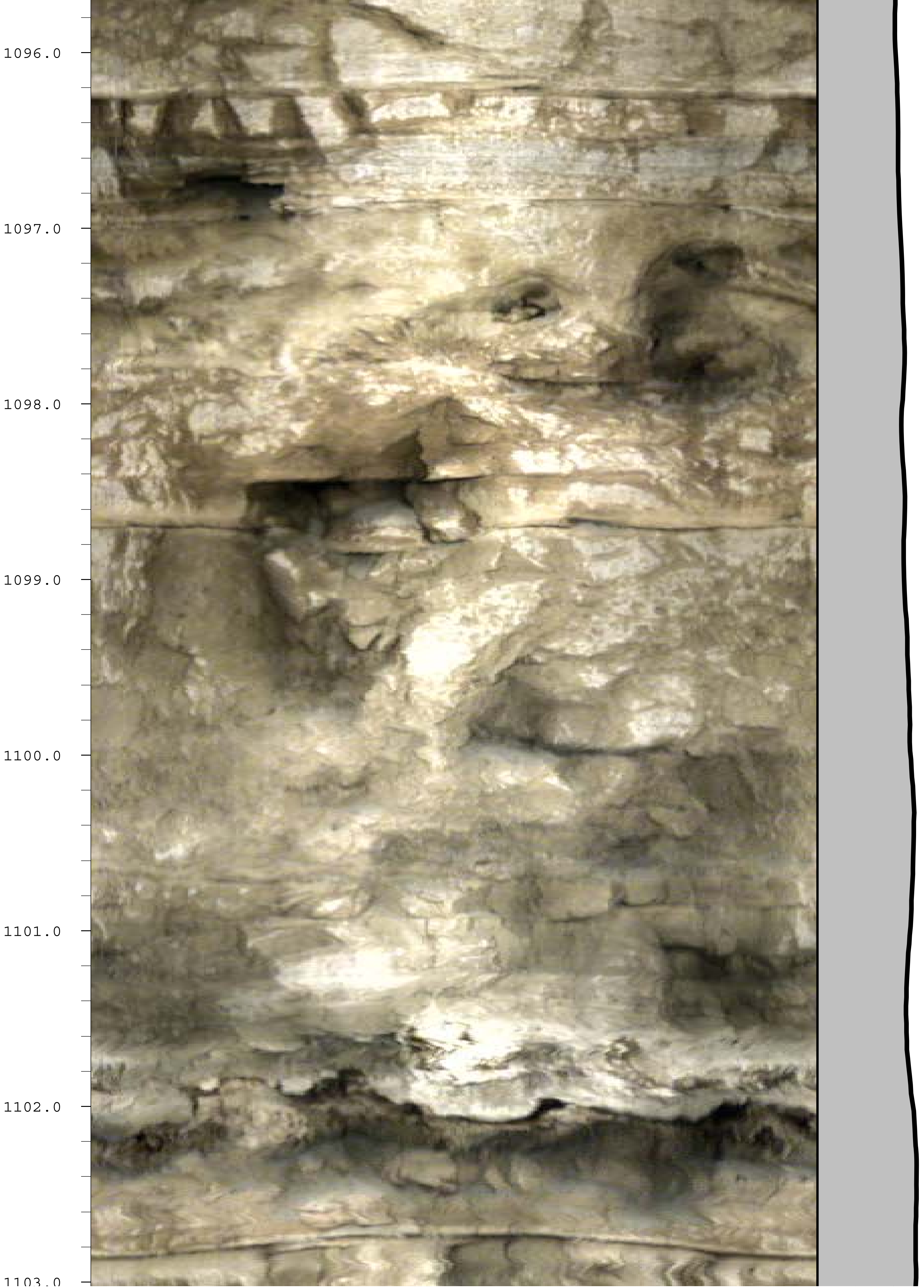
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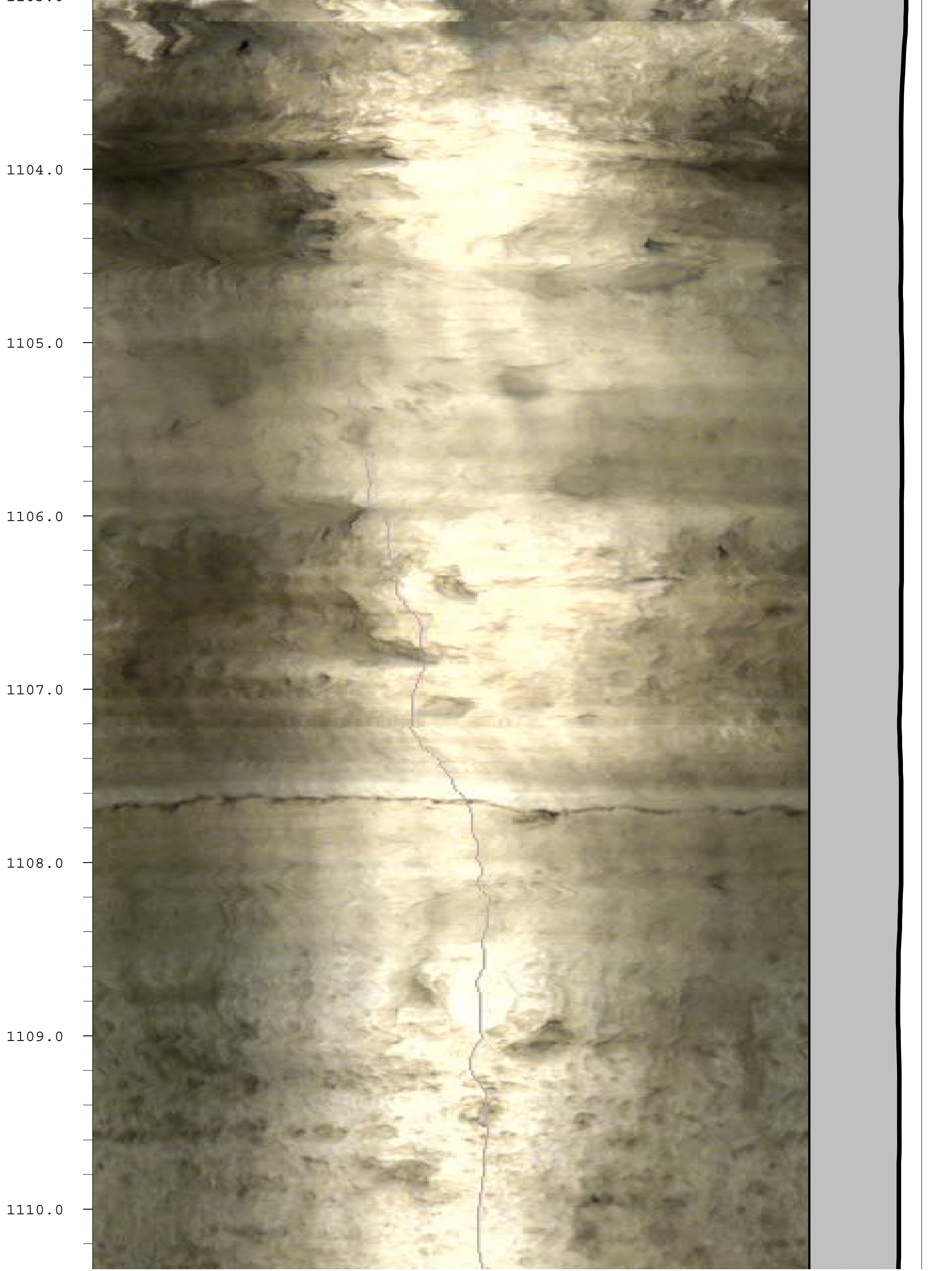
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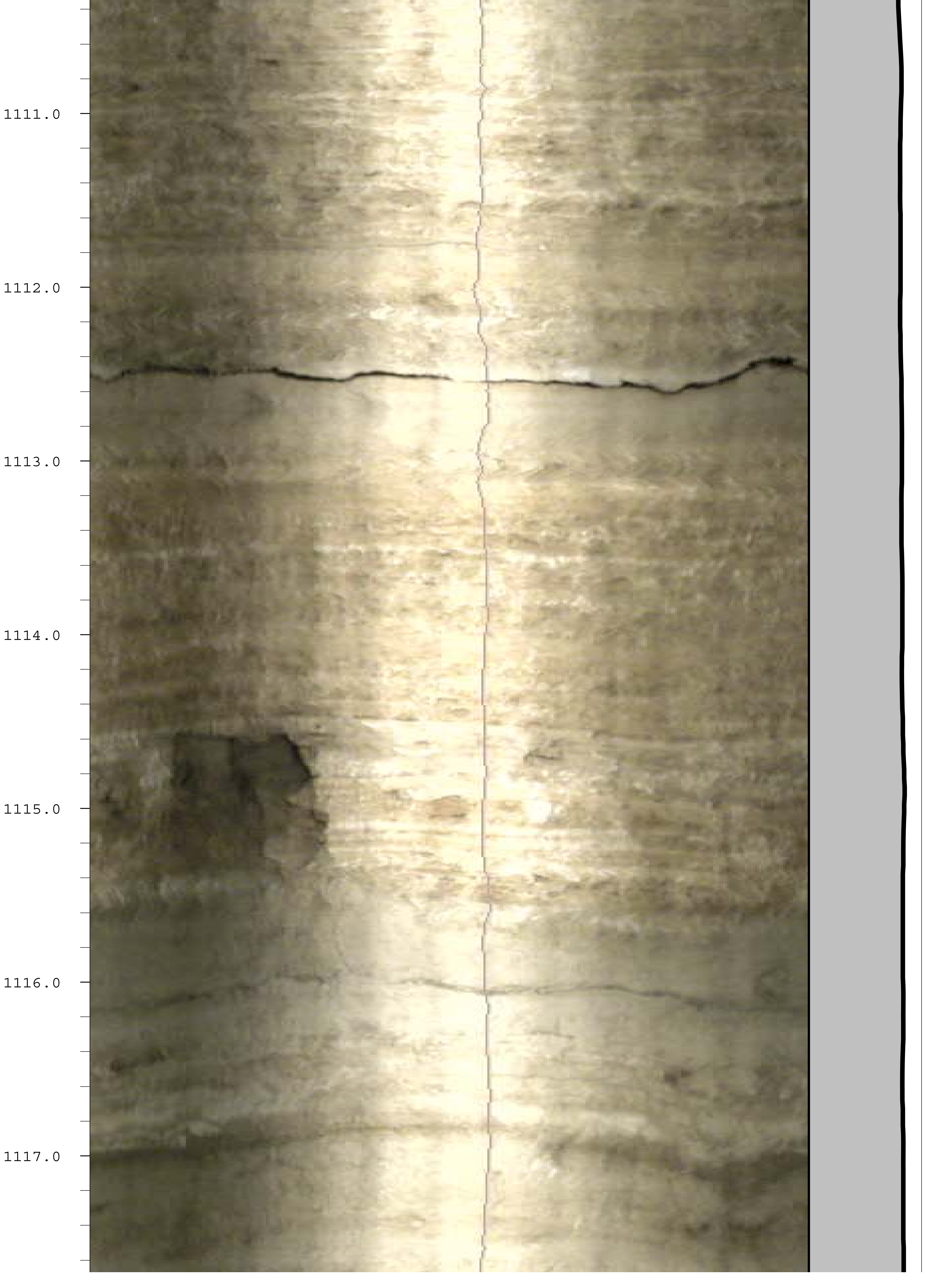
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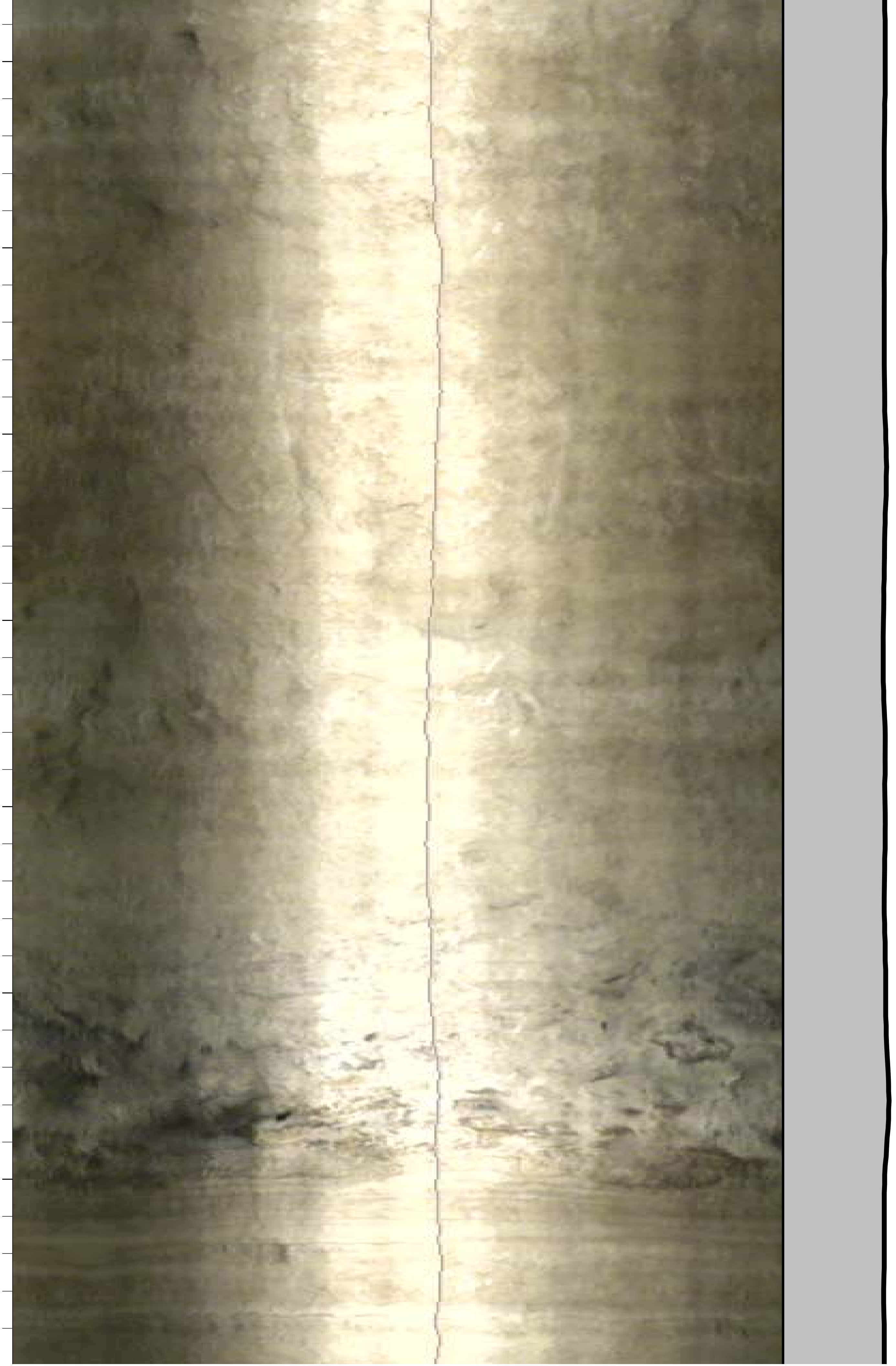

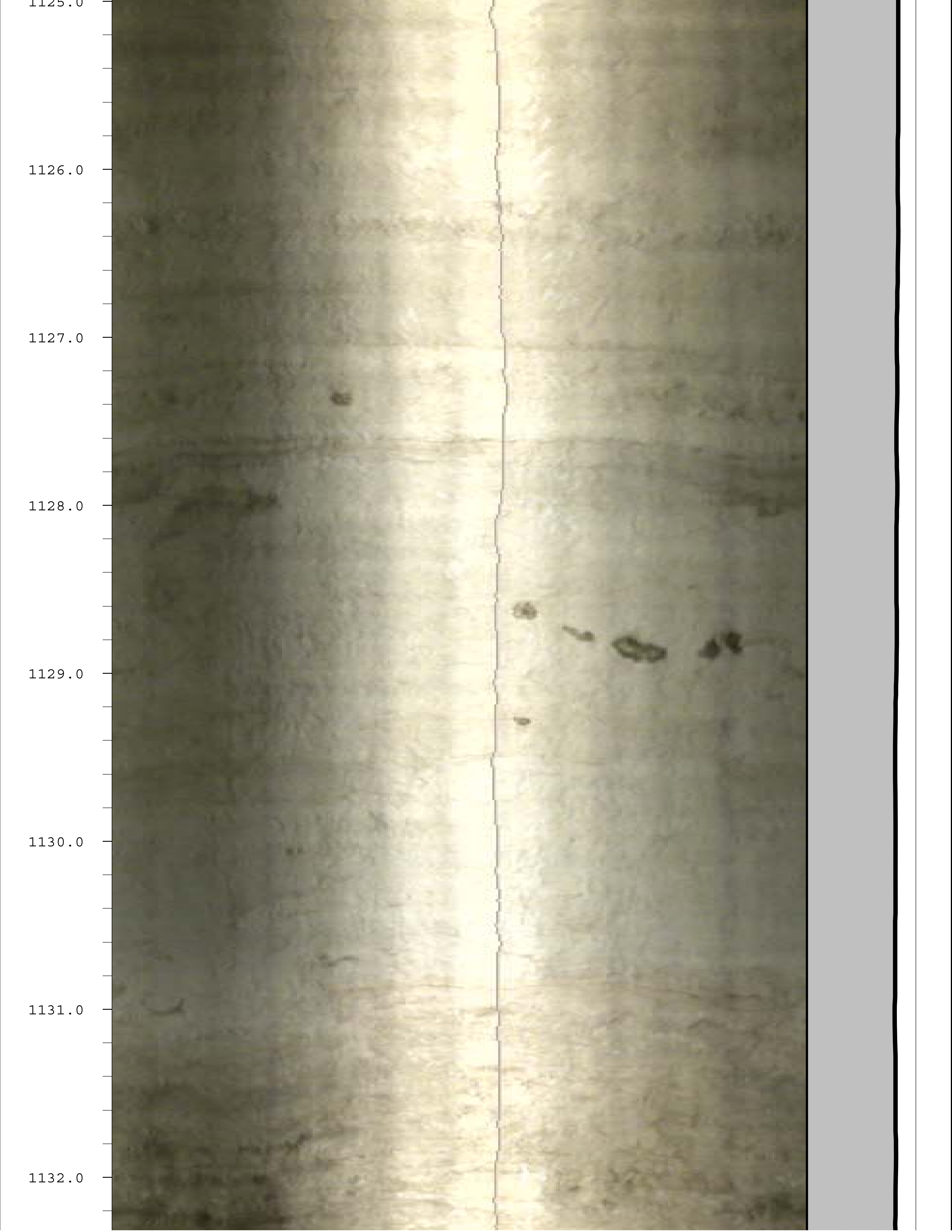
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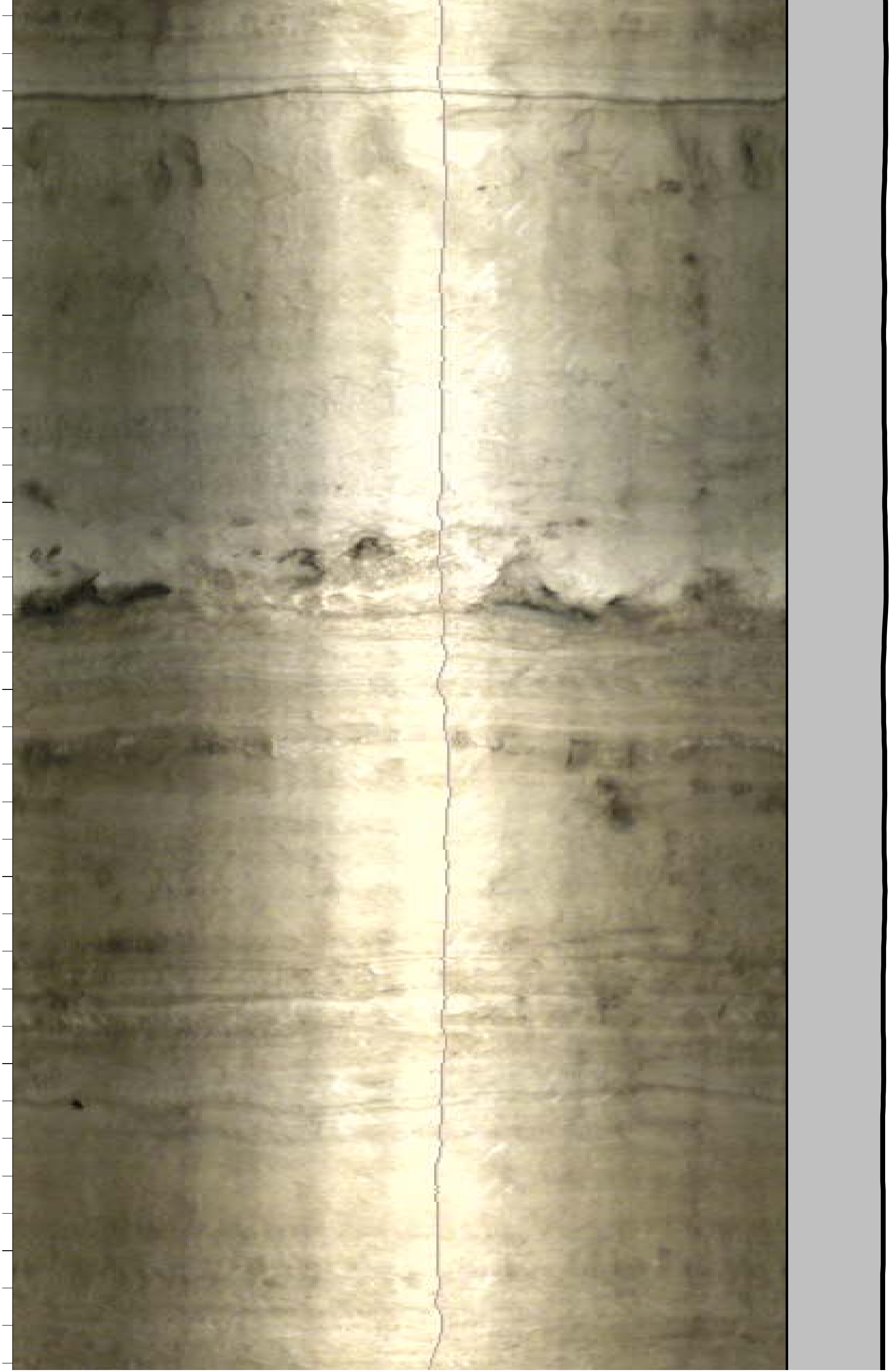

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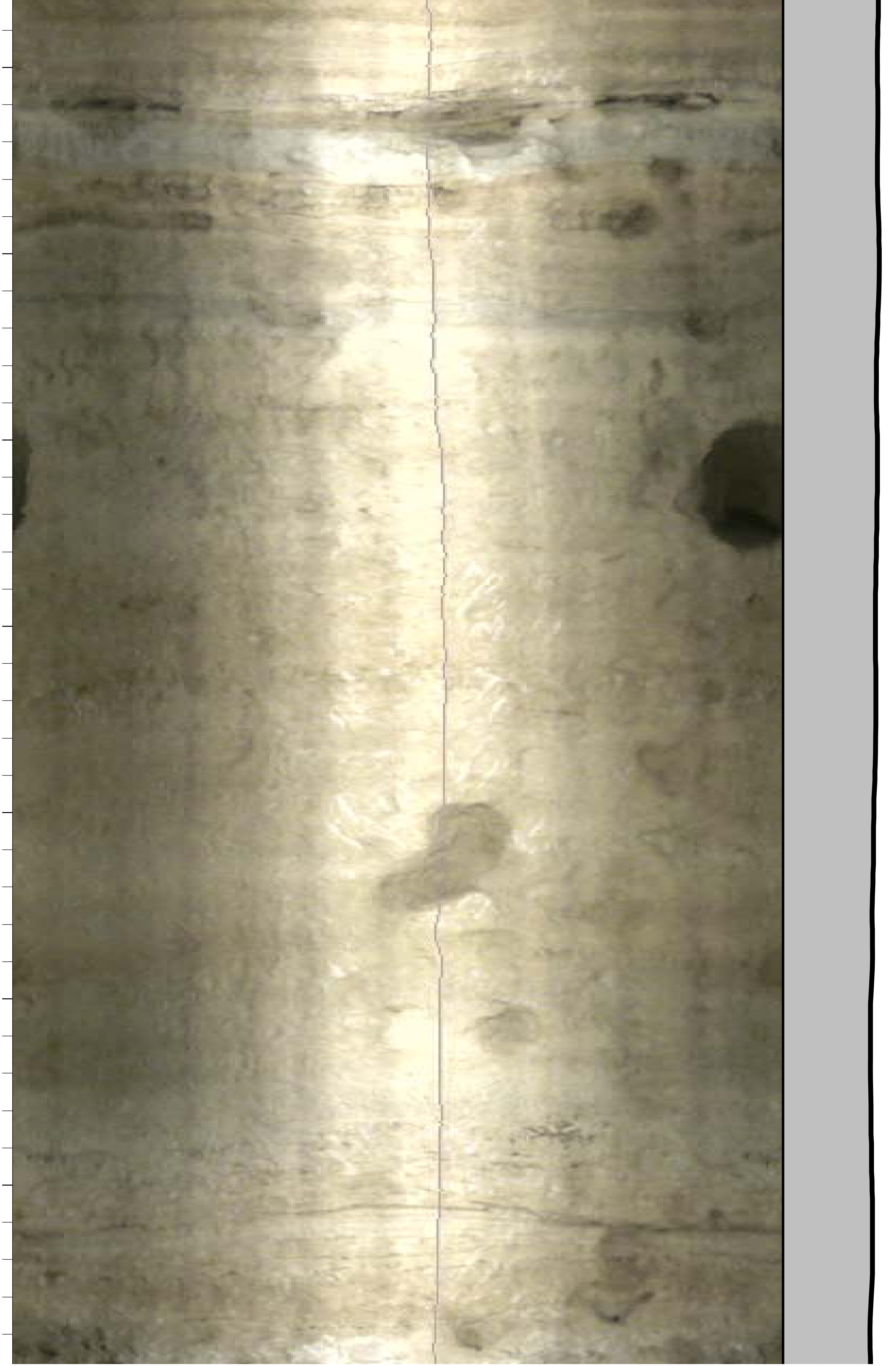

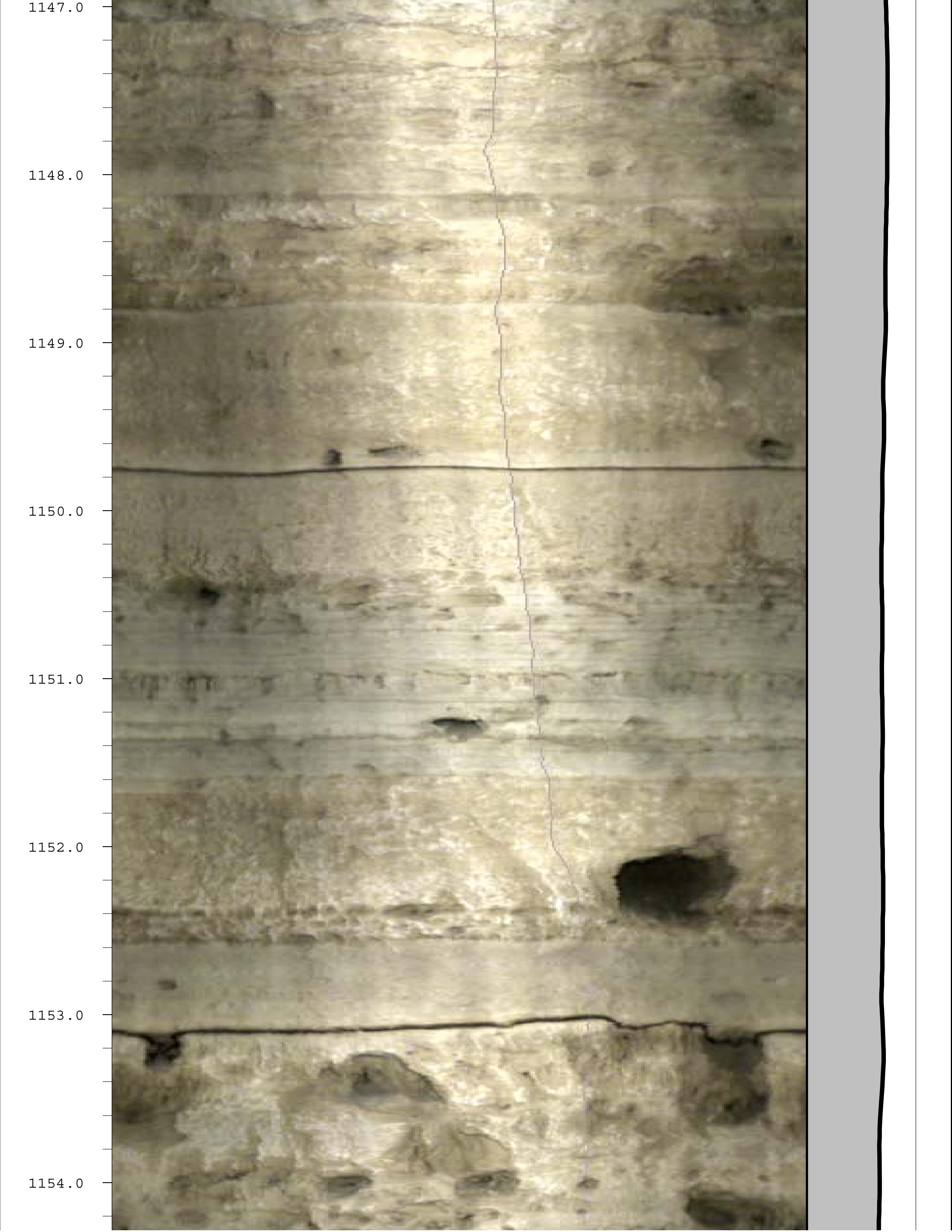

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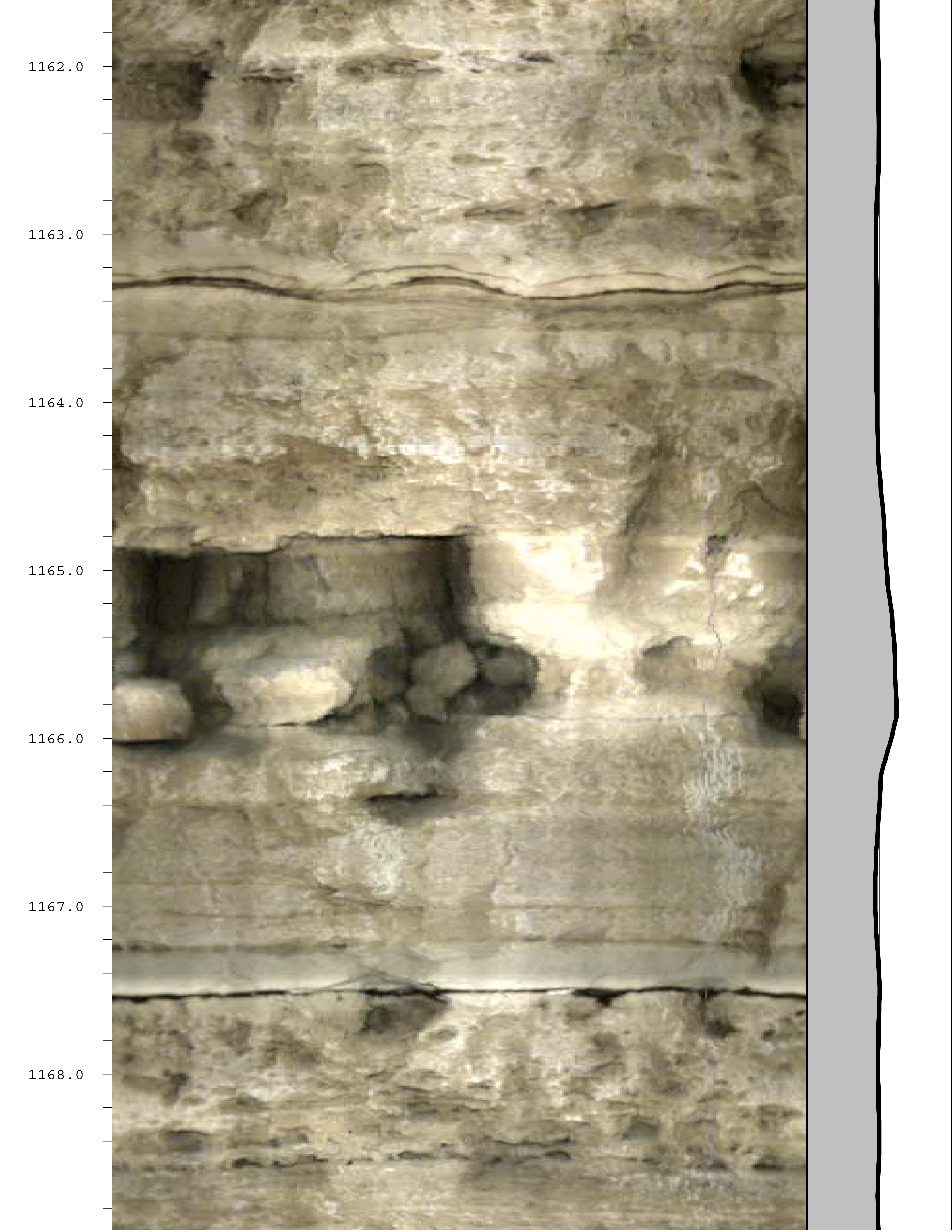

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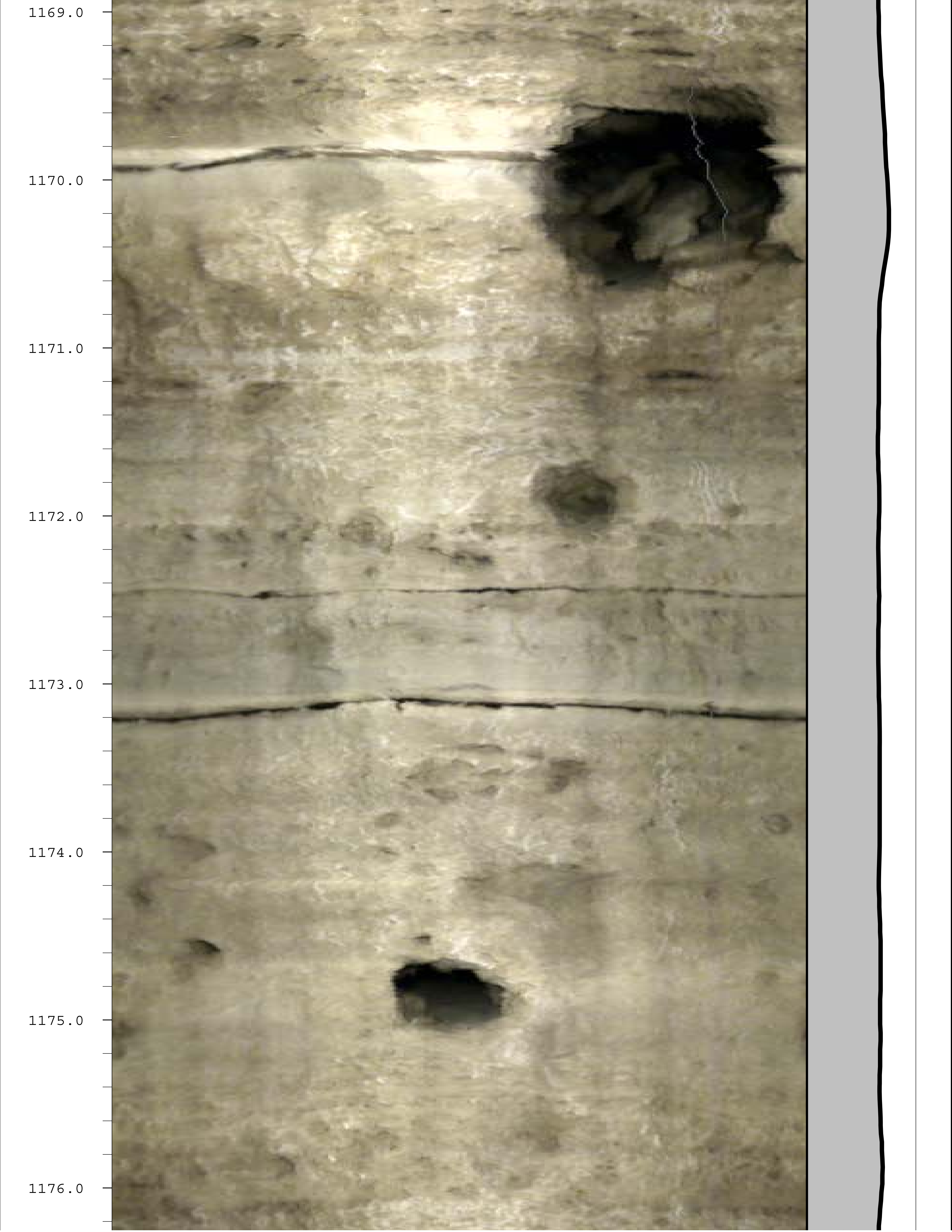
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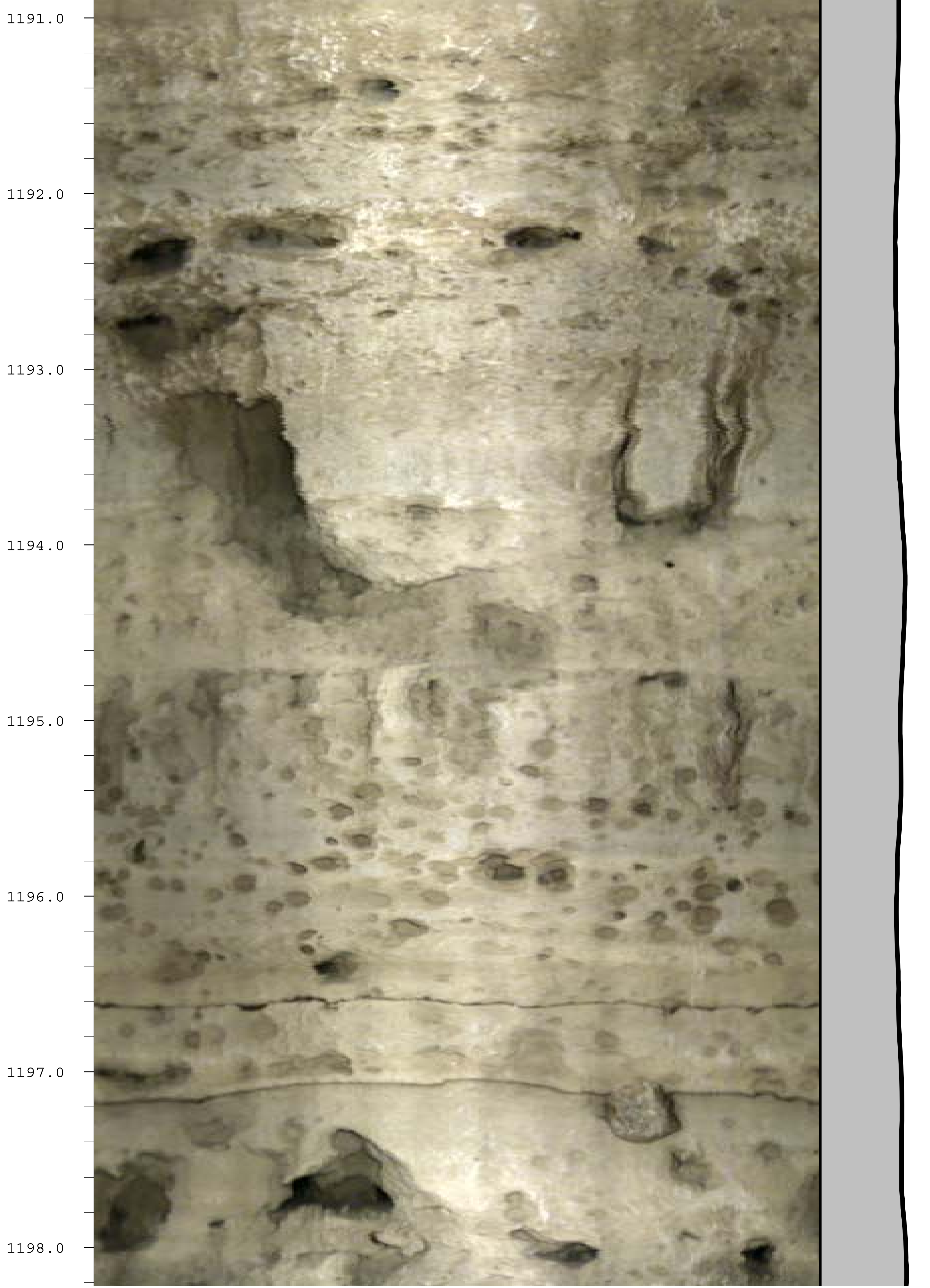
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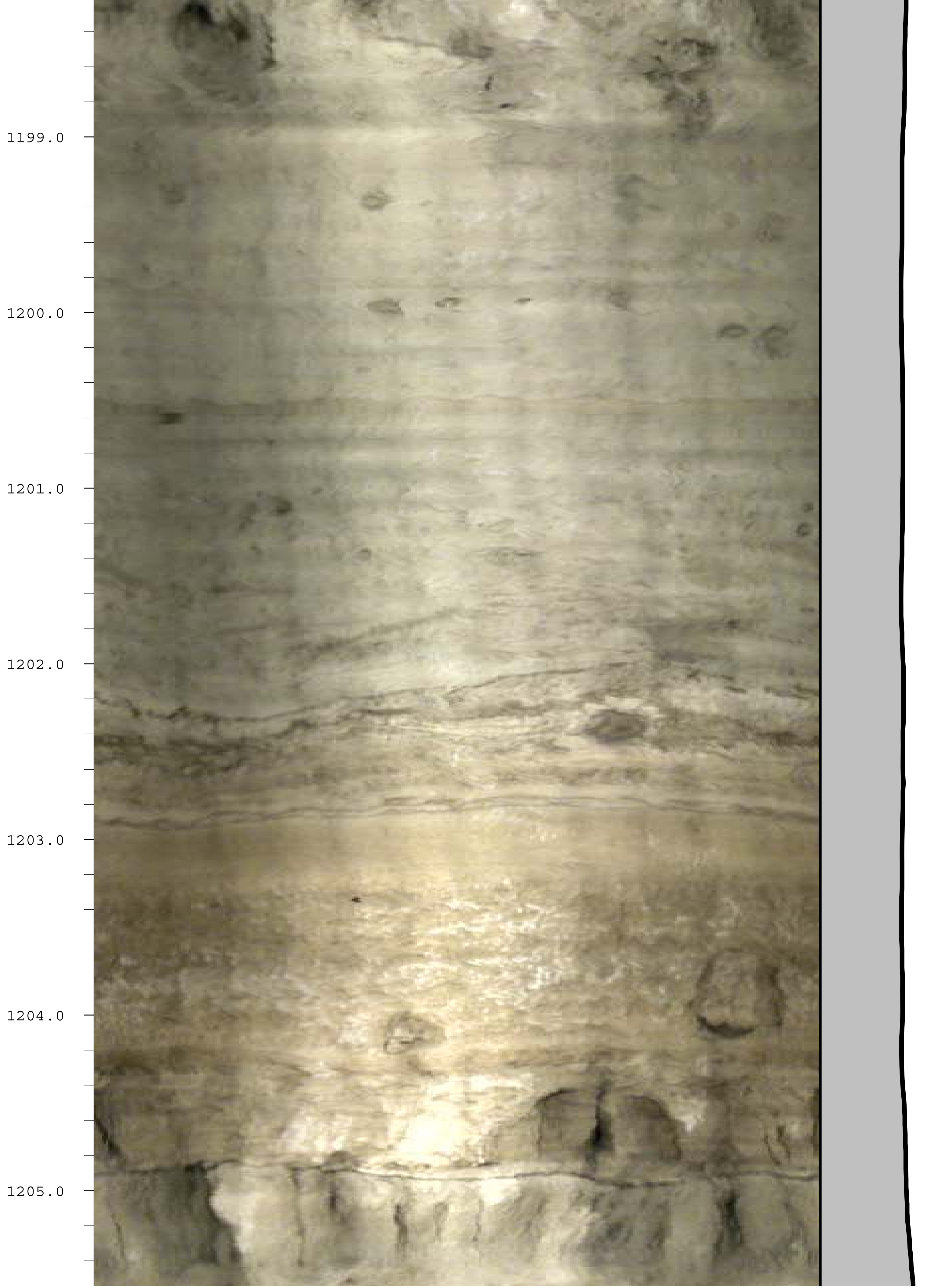
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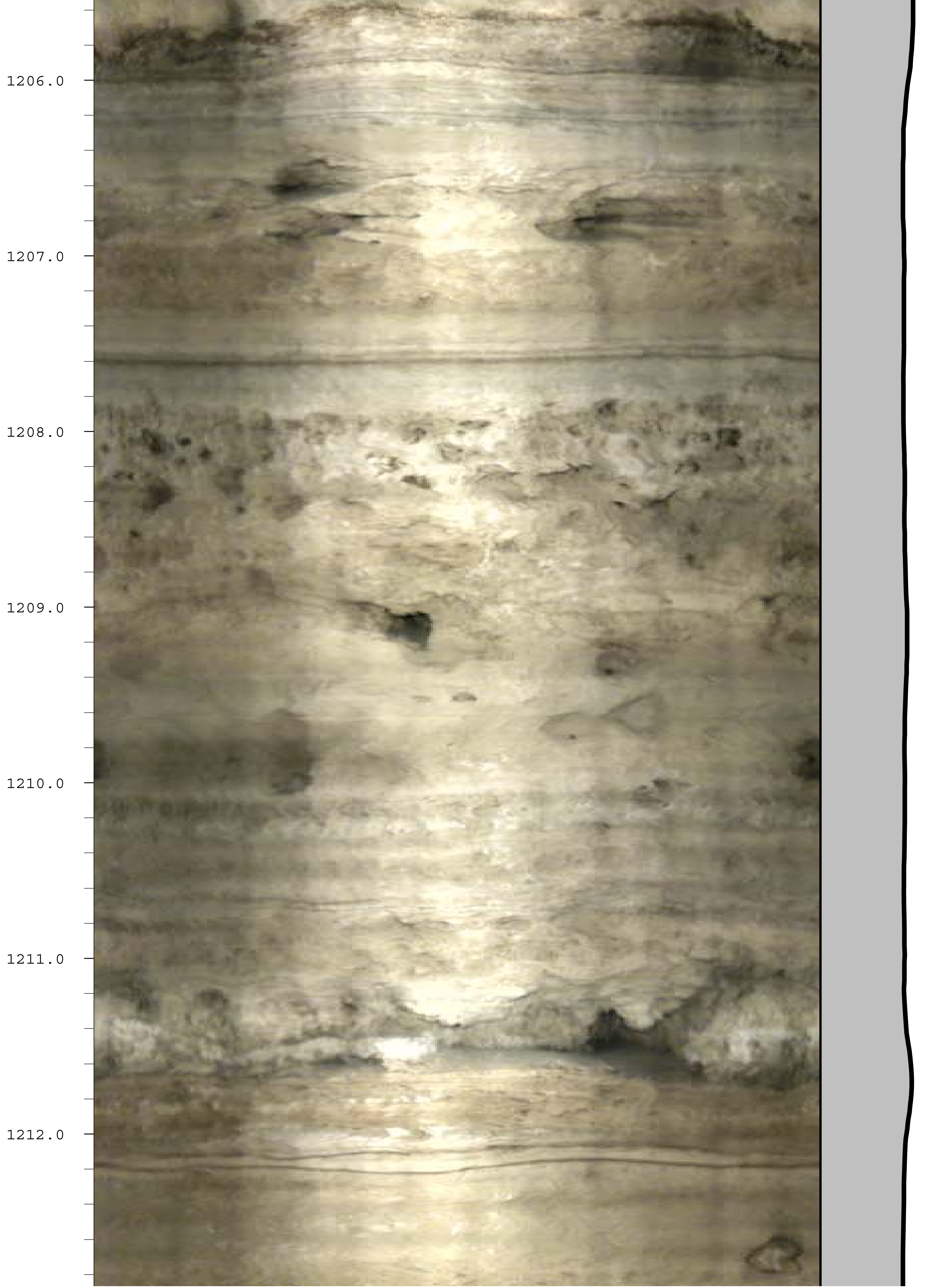
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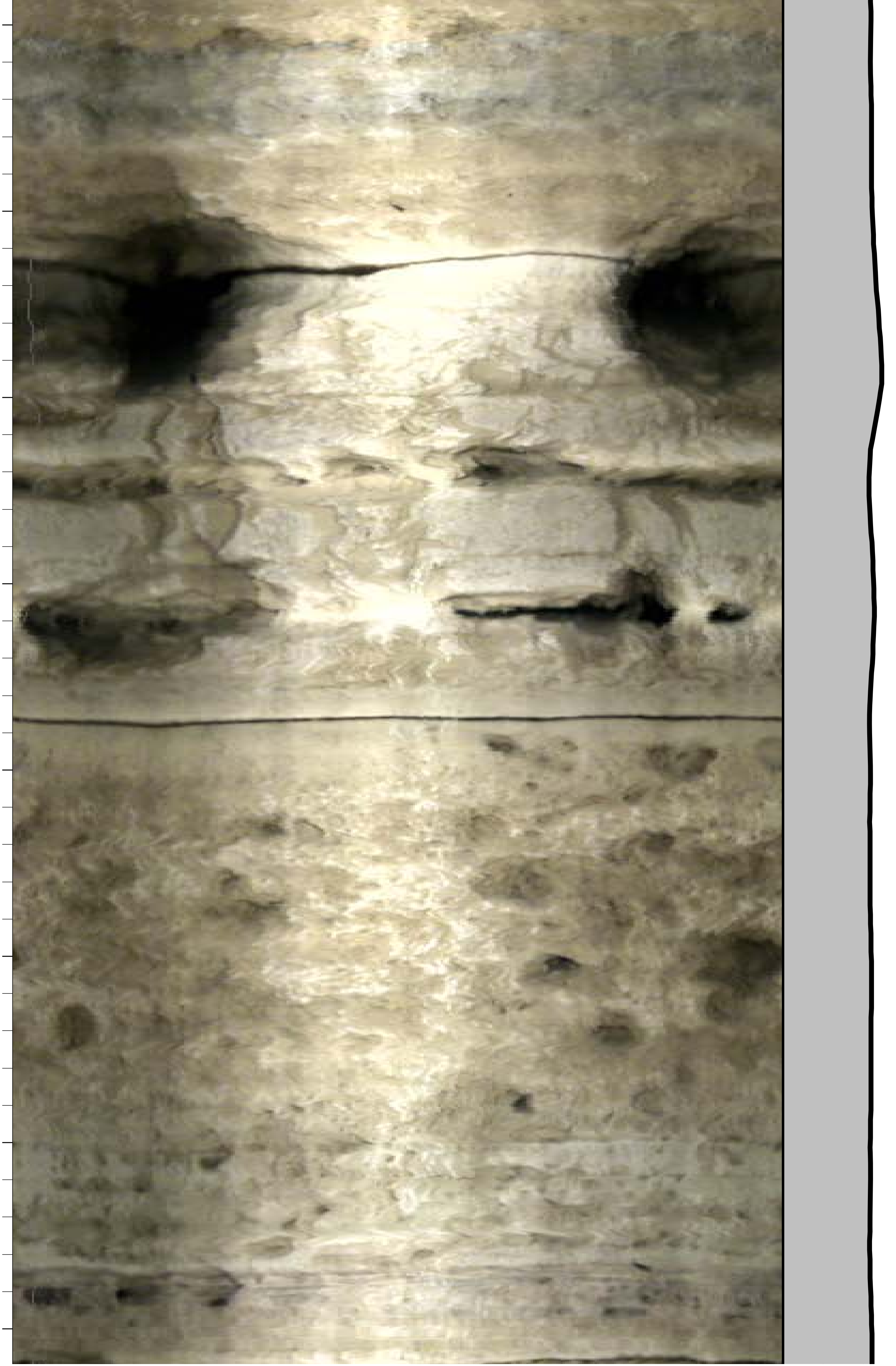


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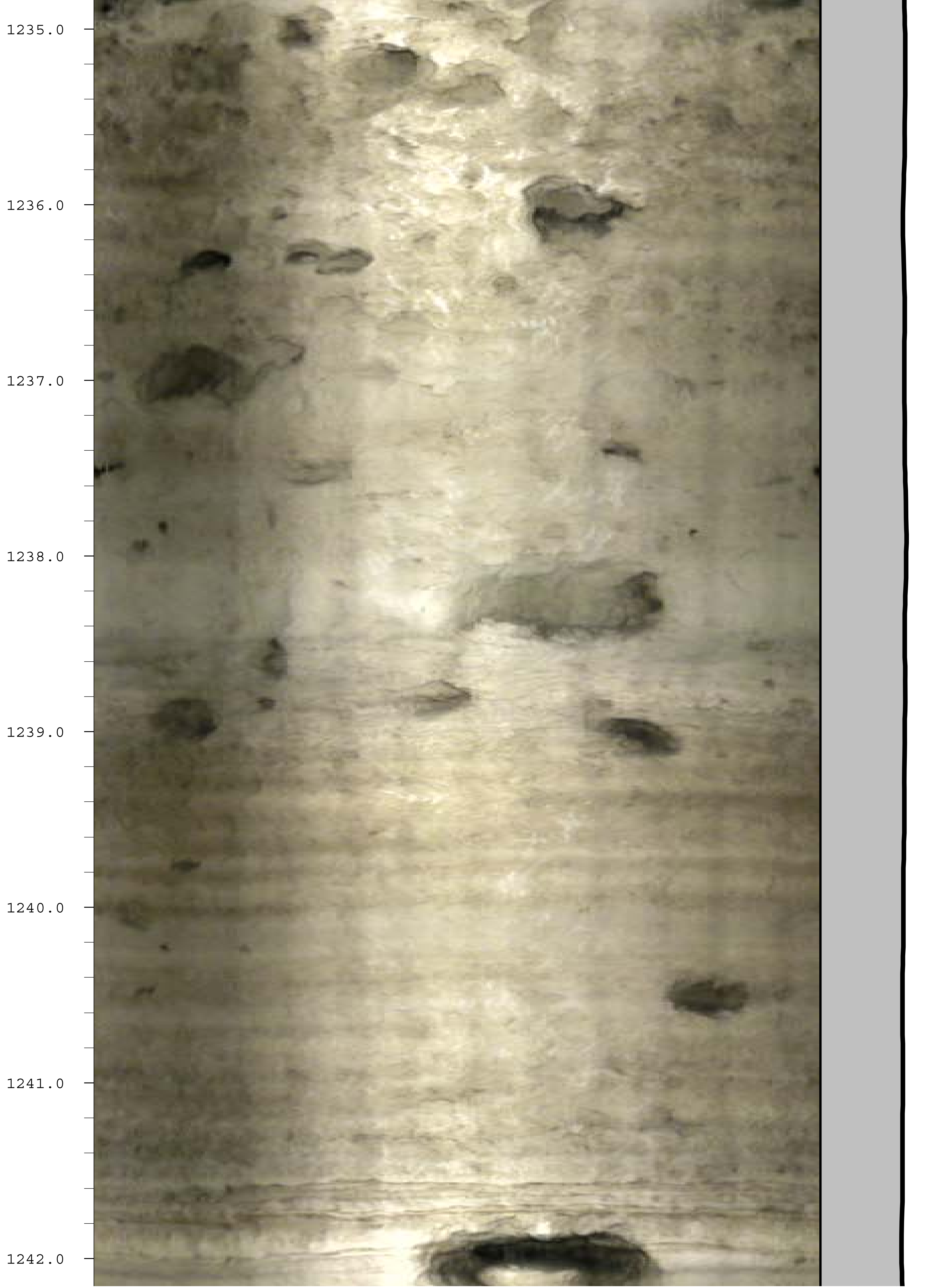
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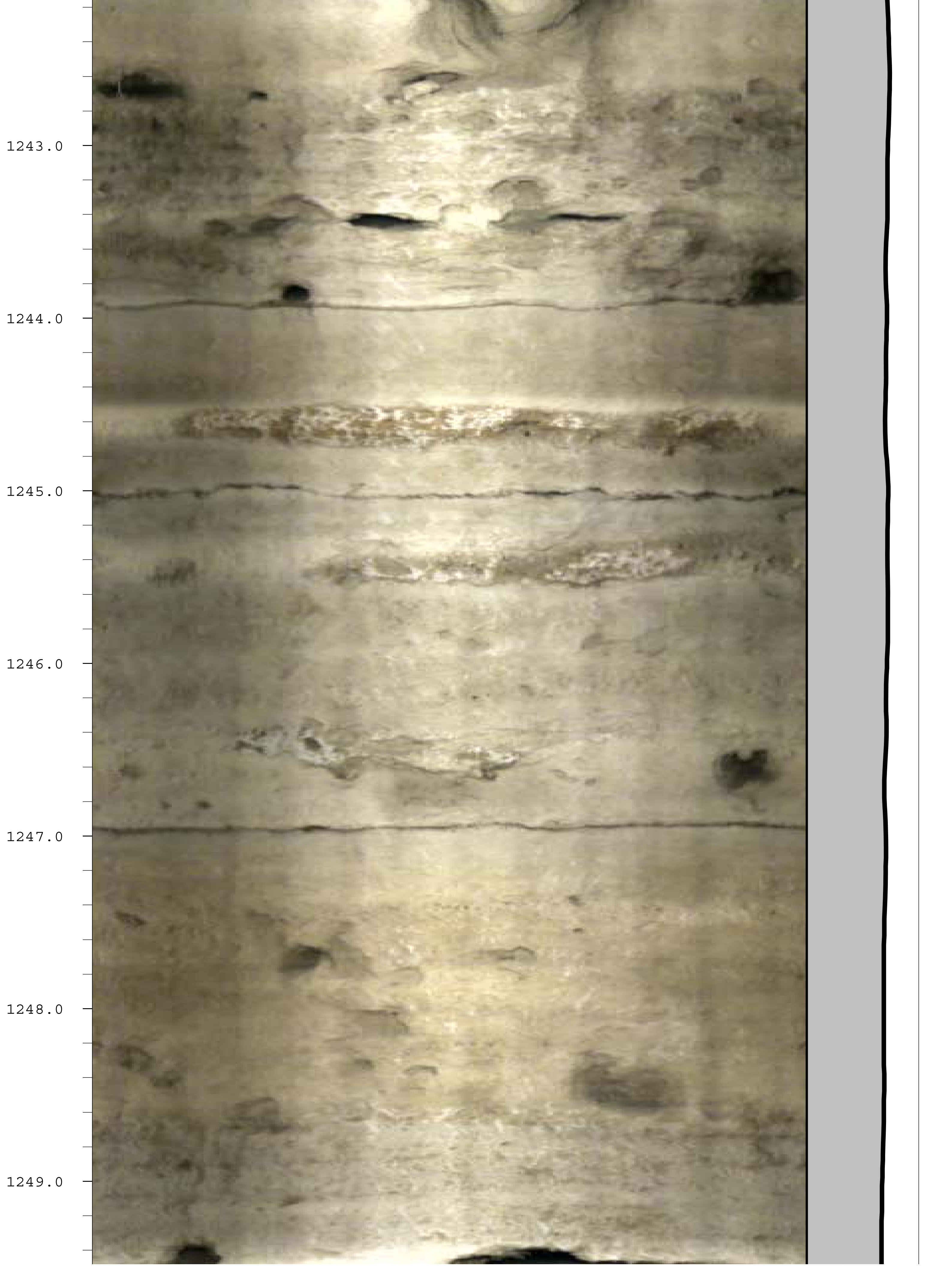
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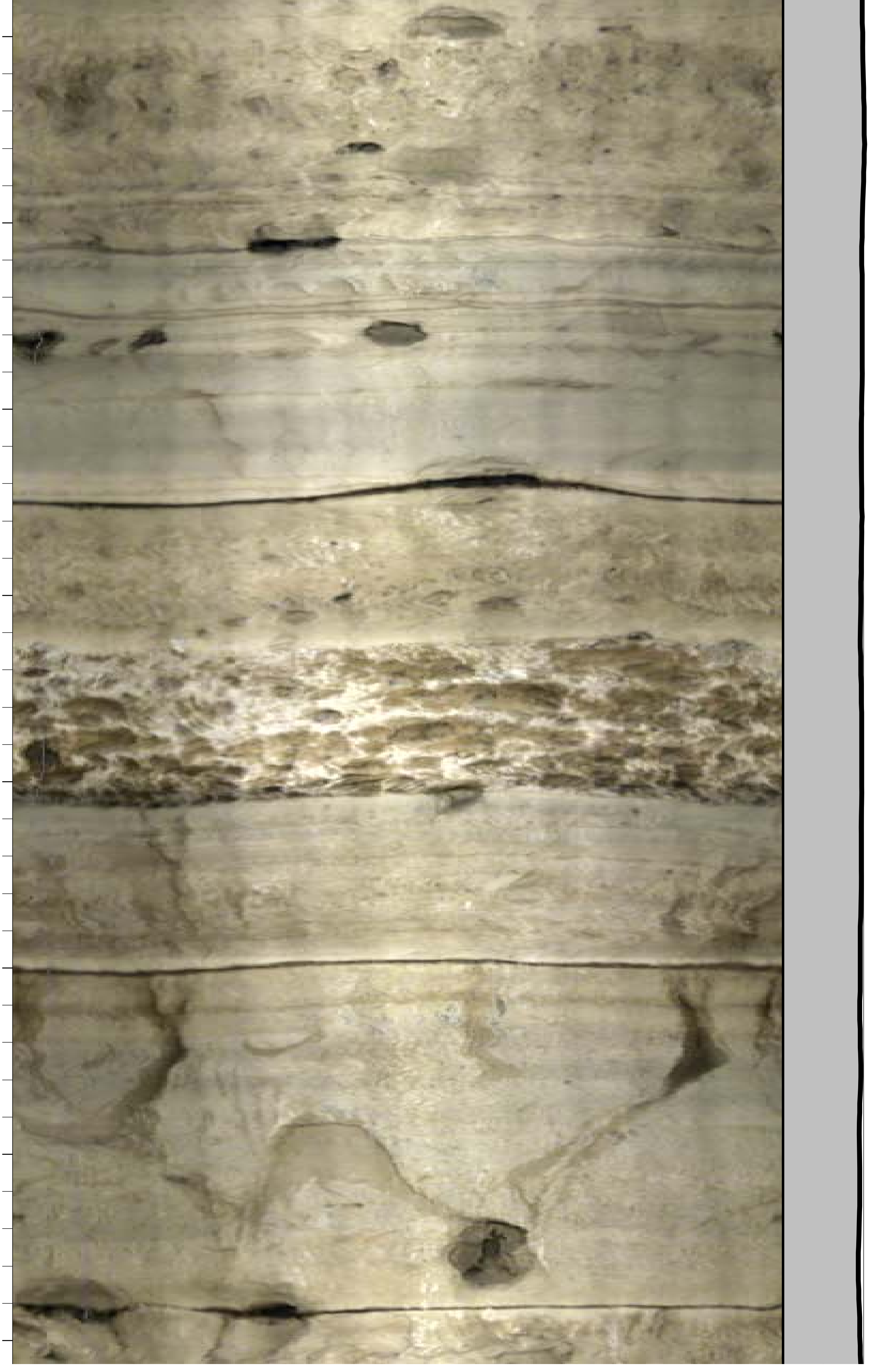

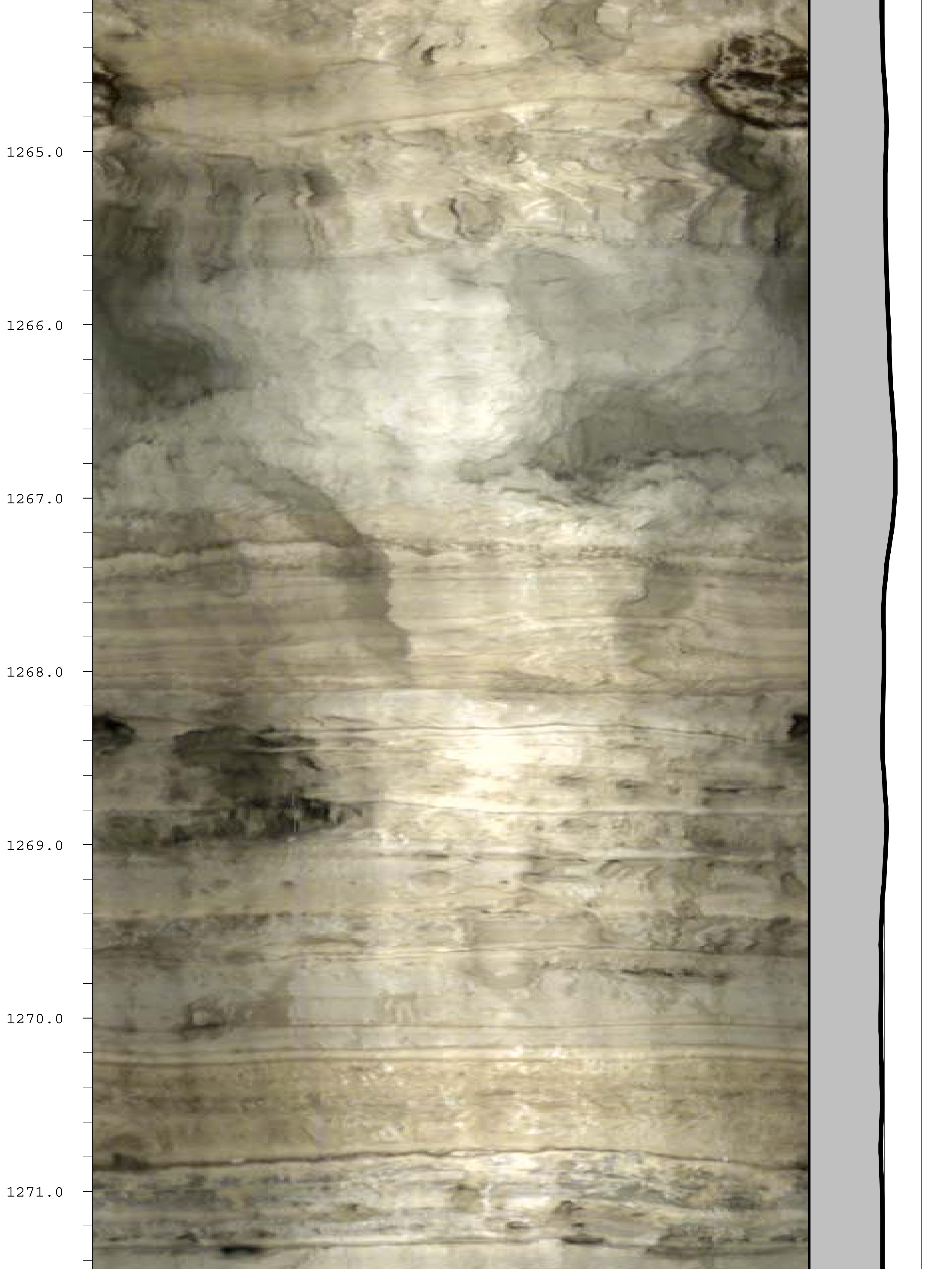
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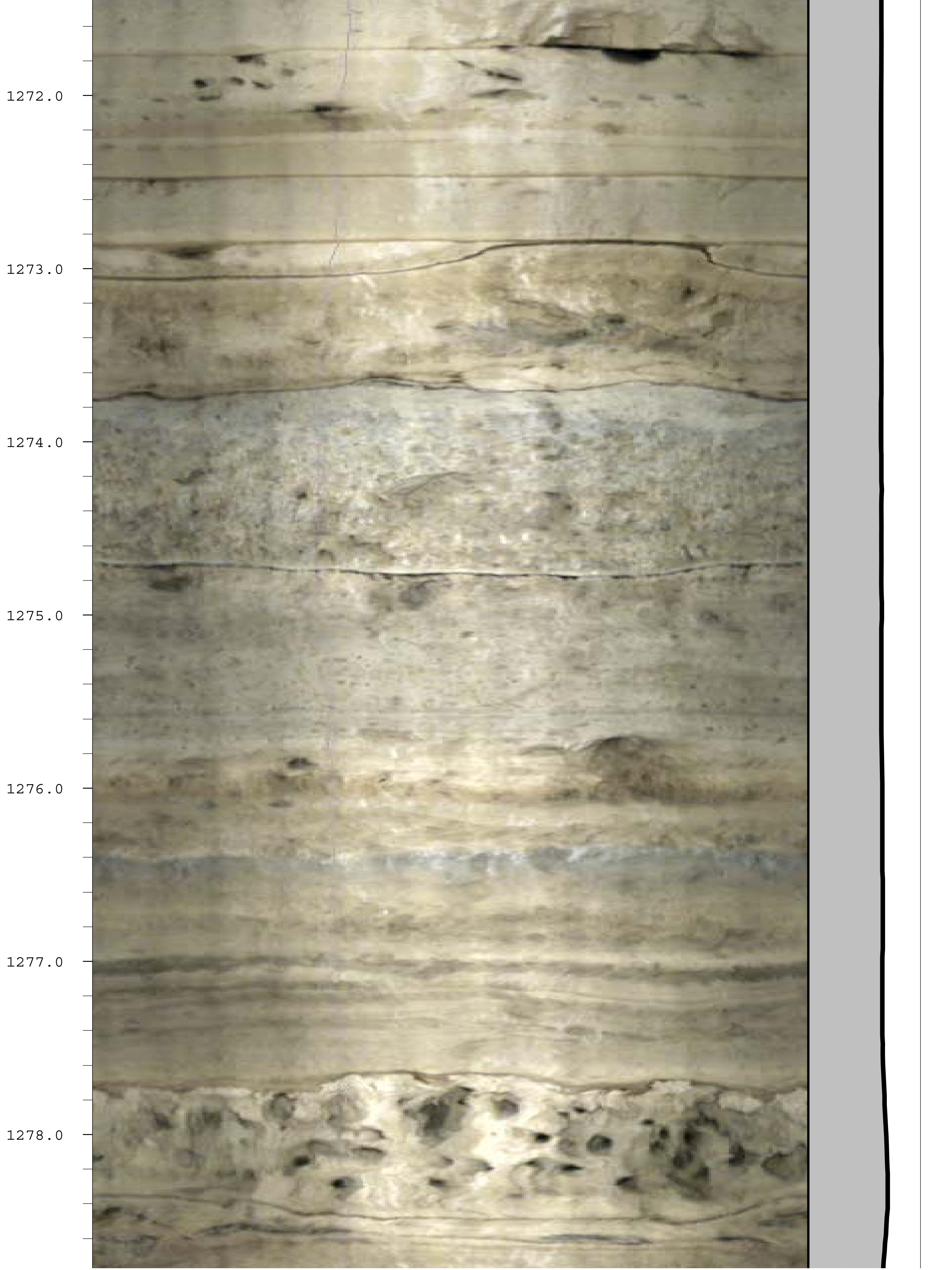
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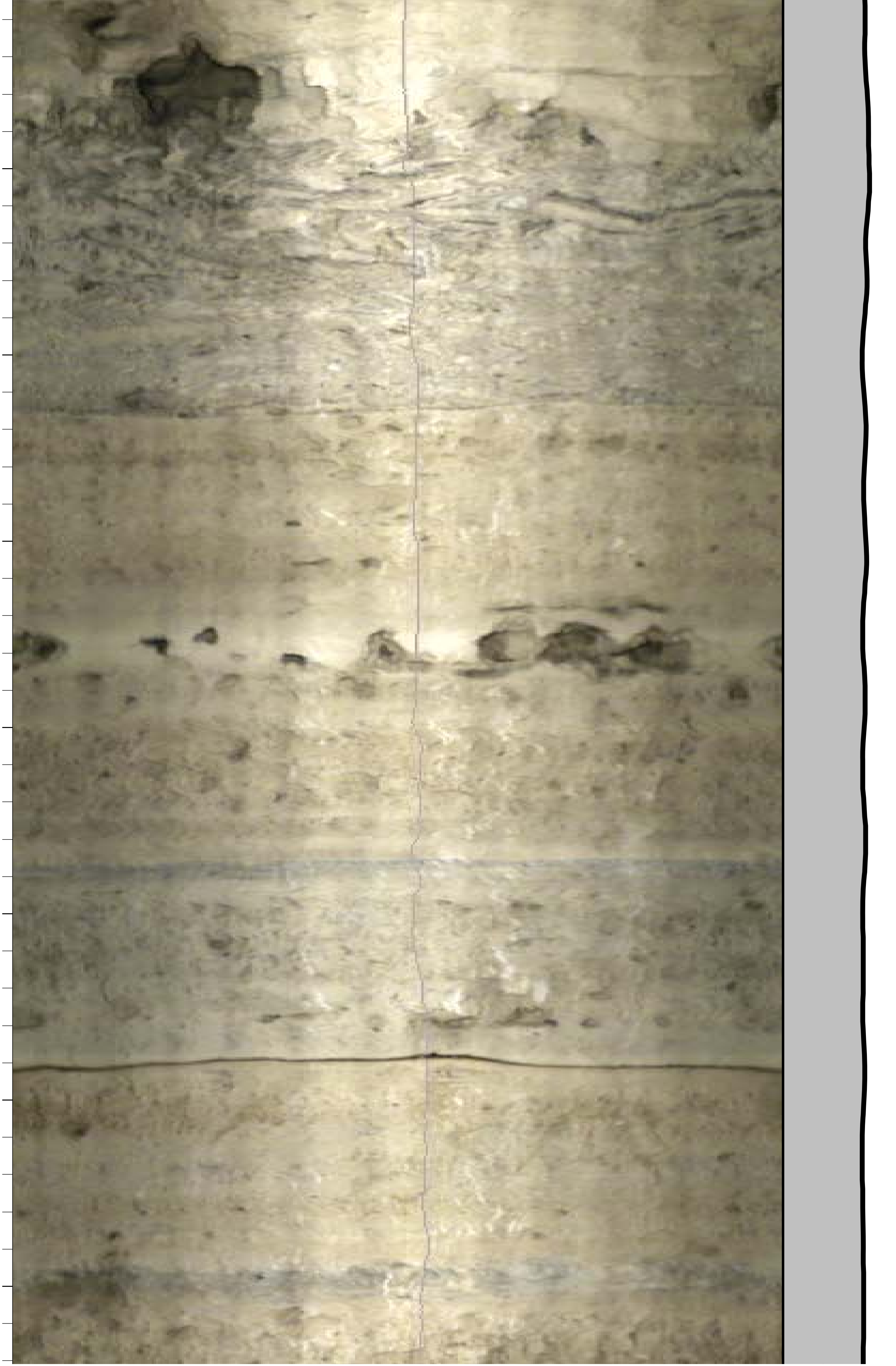

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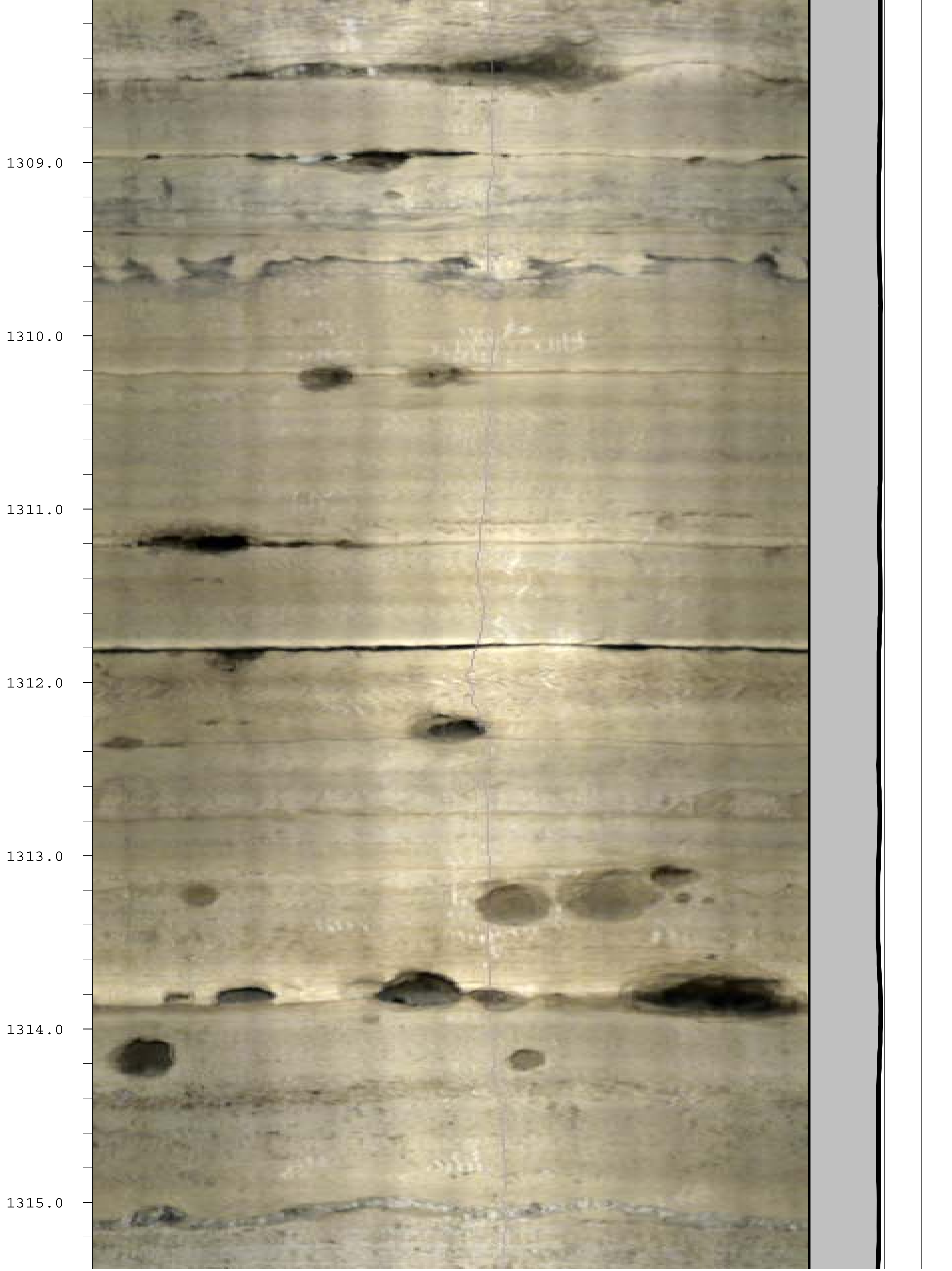
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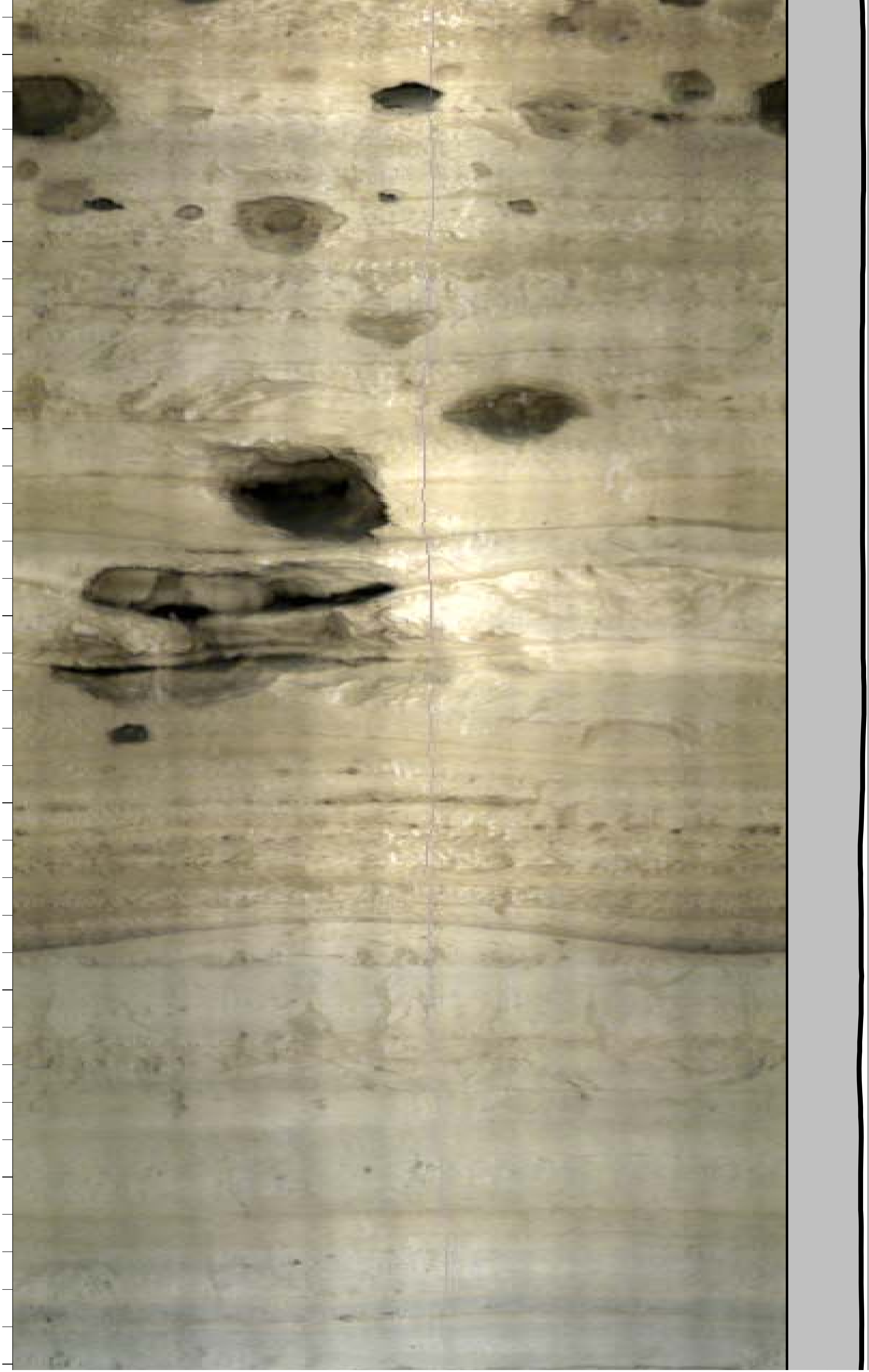

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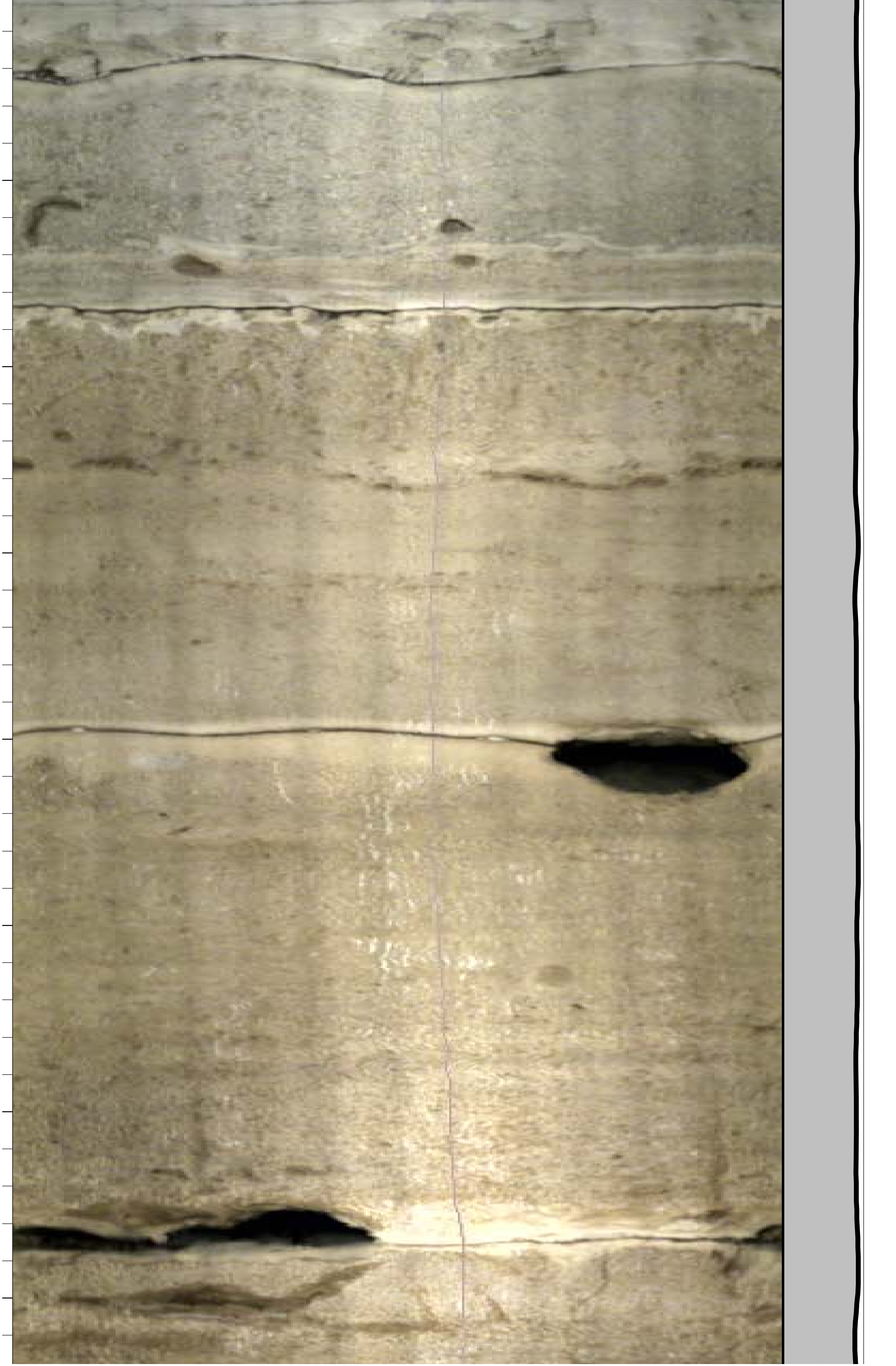

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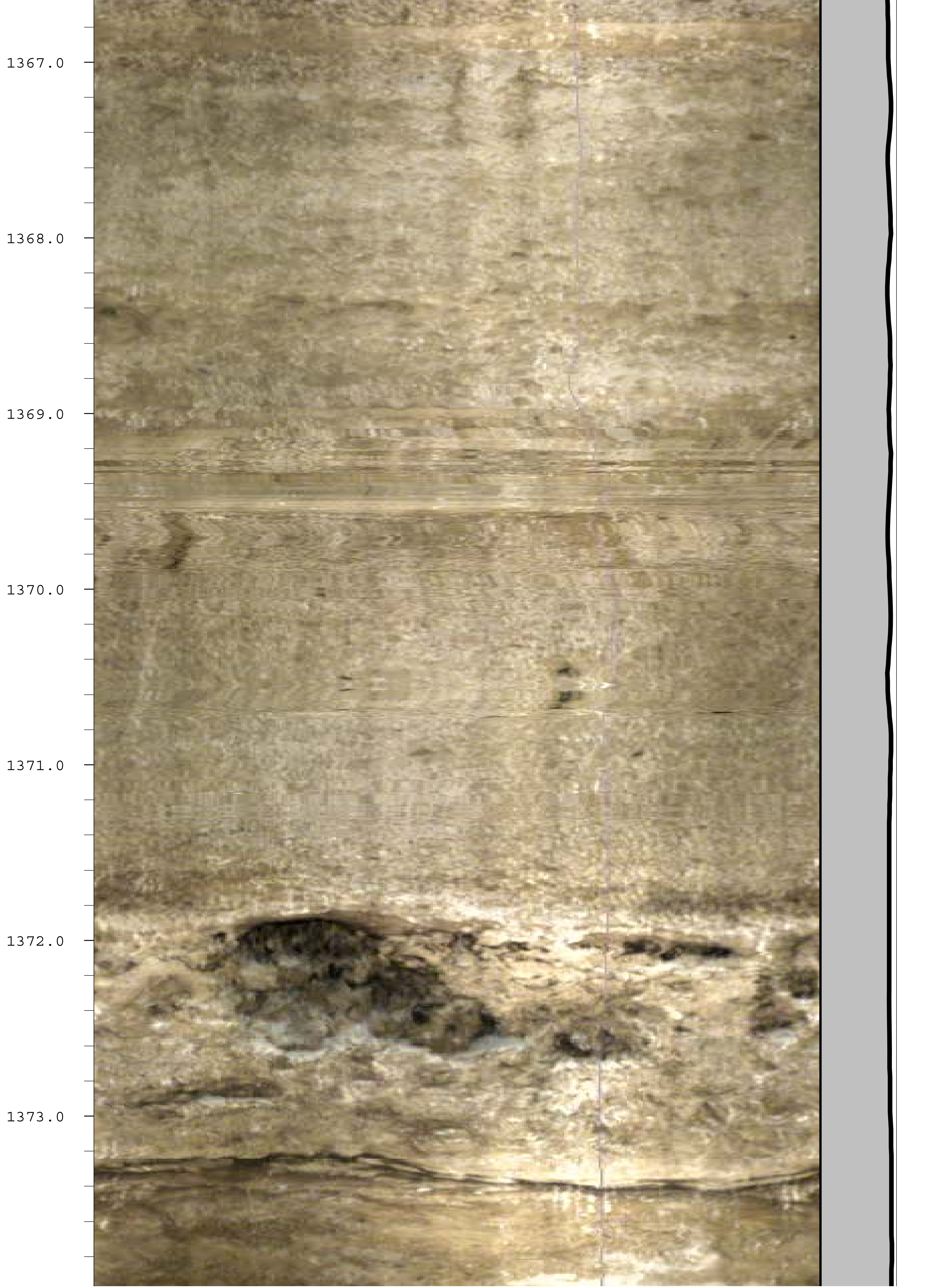
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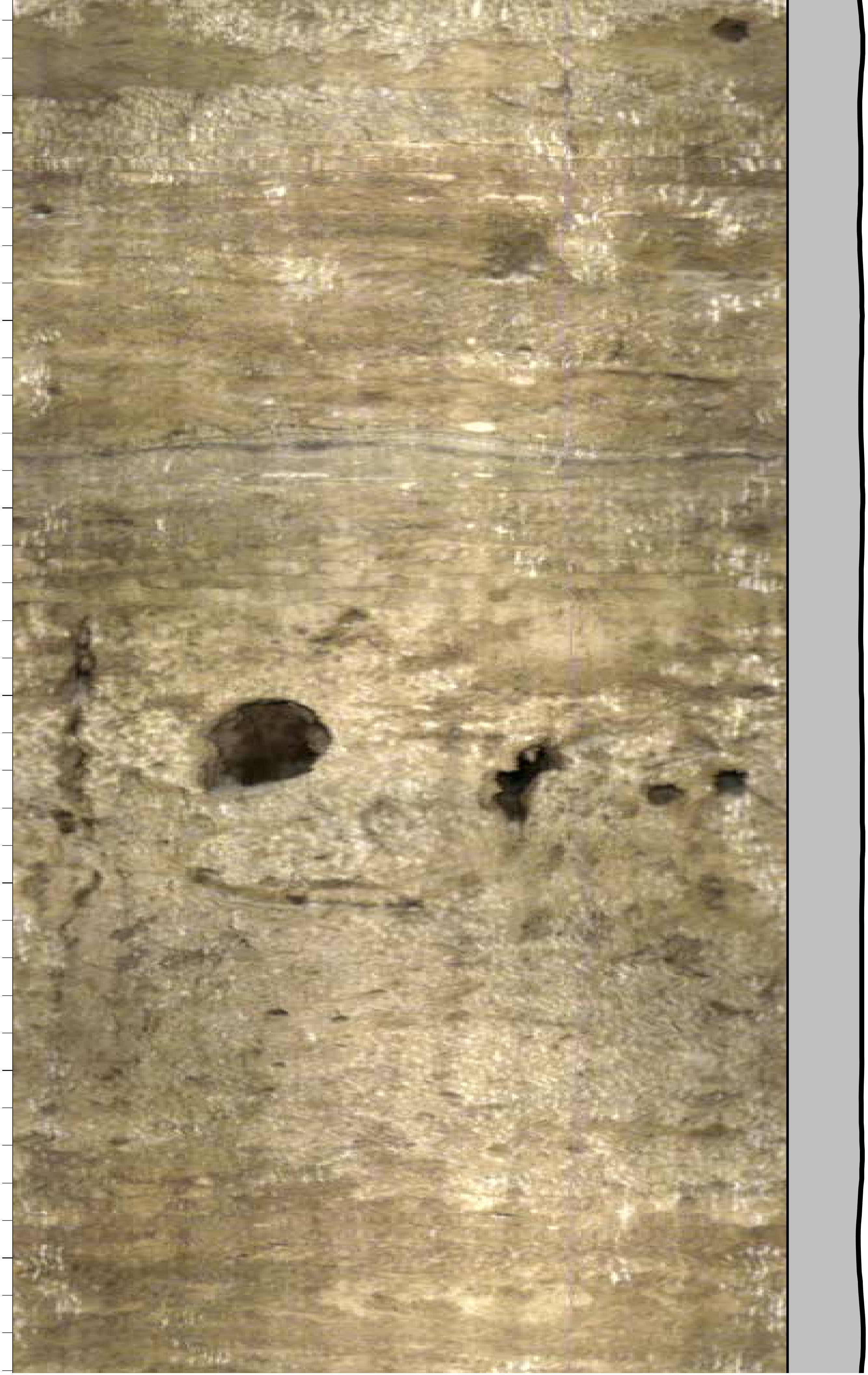

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POF-28

Depth	OBI	X-Caliper / Y-Caliper
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		9 in 20

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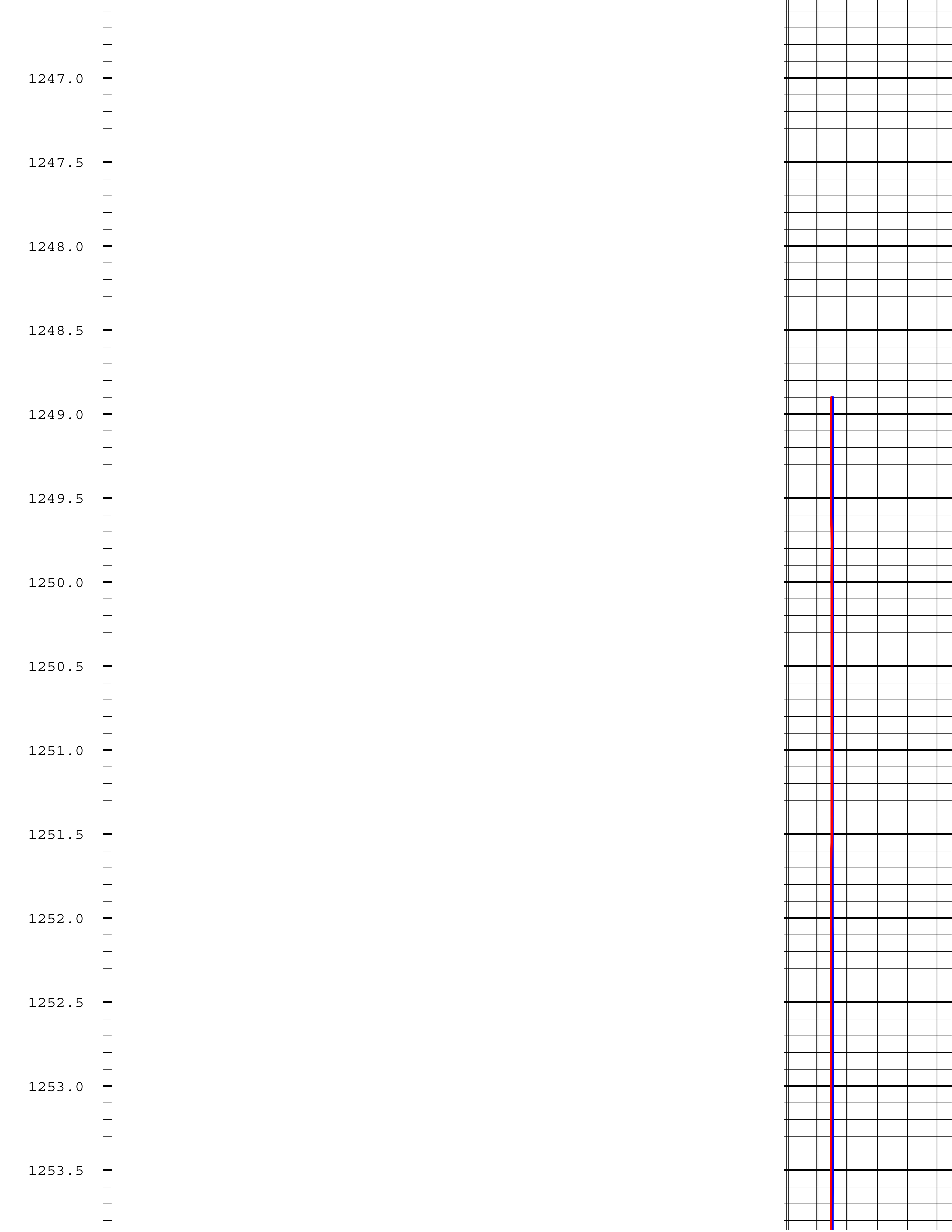
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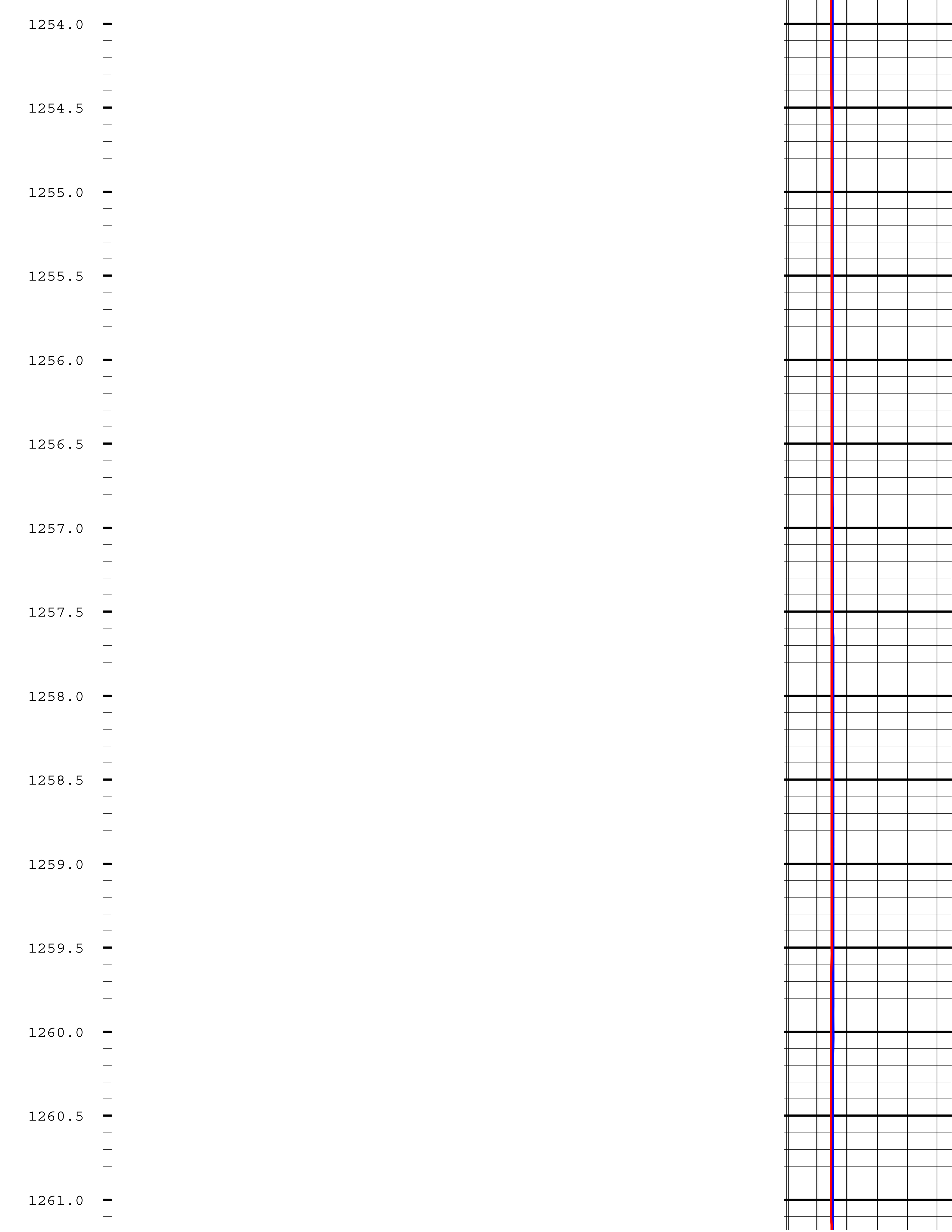

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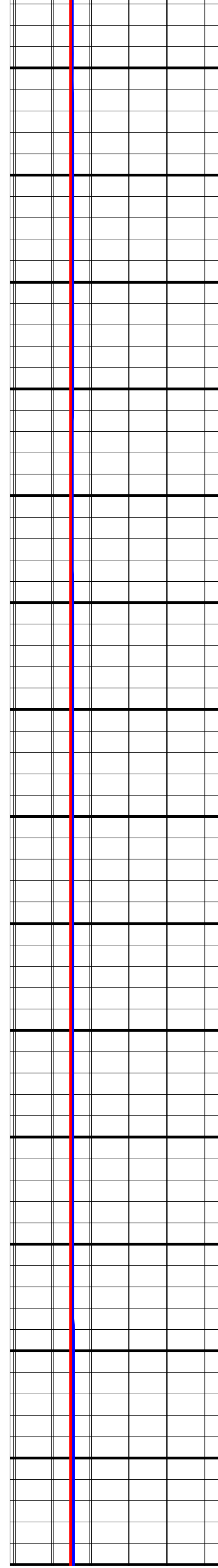

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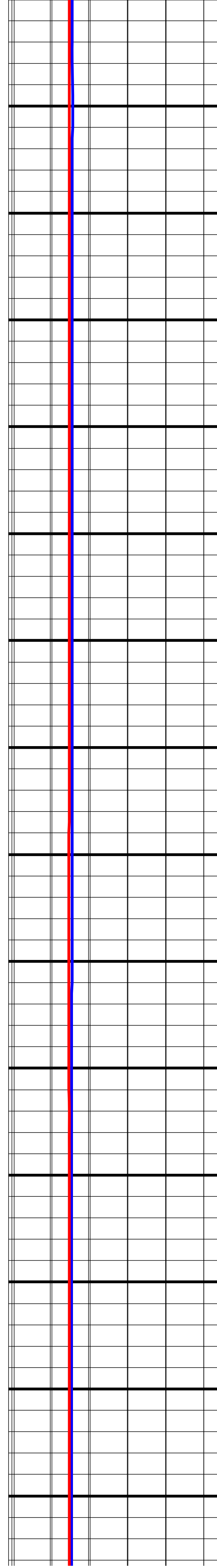

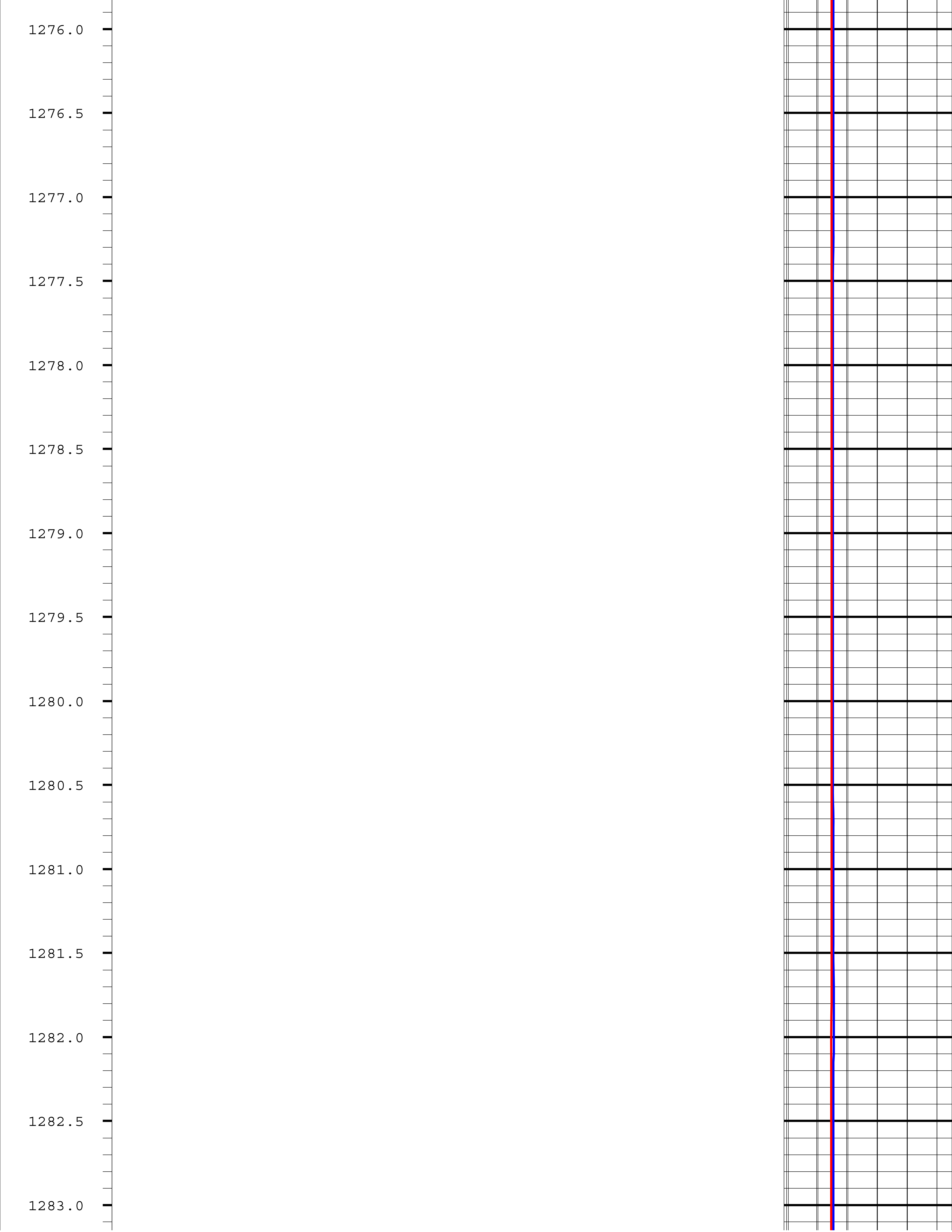
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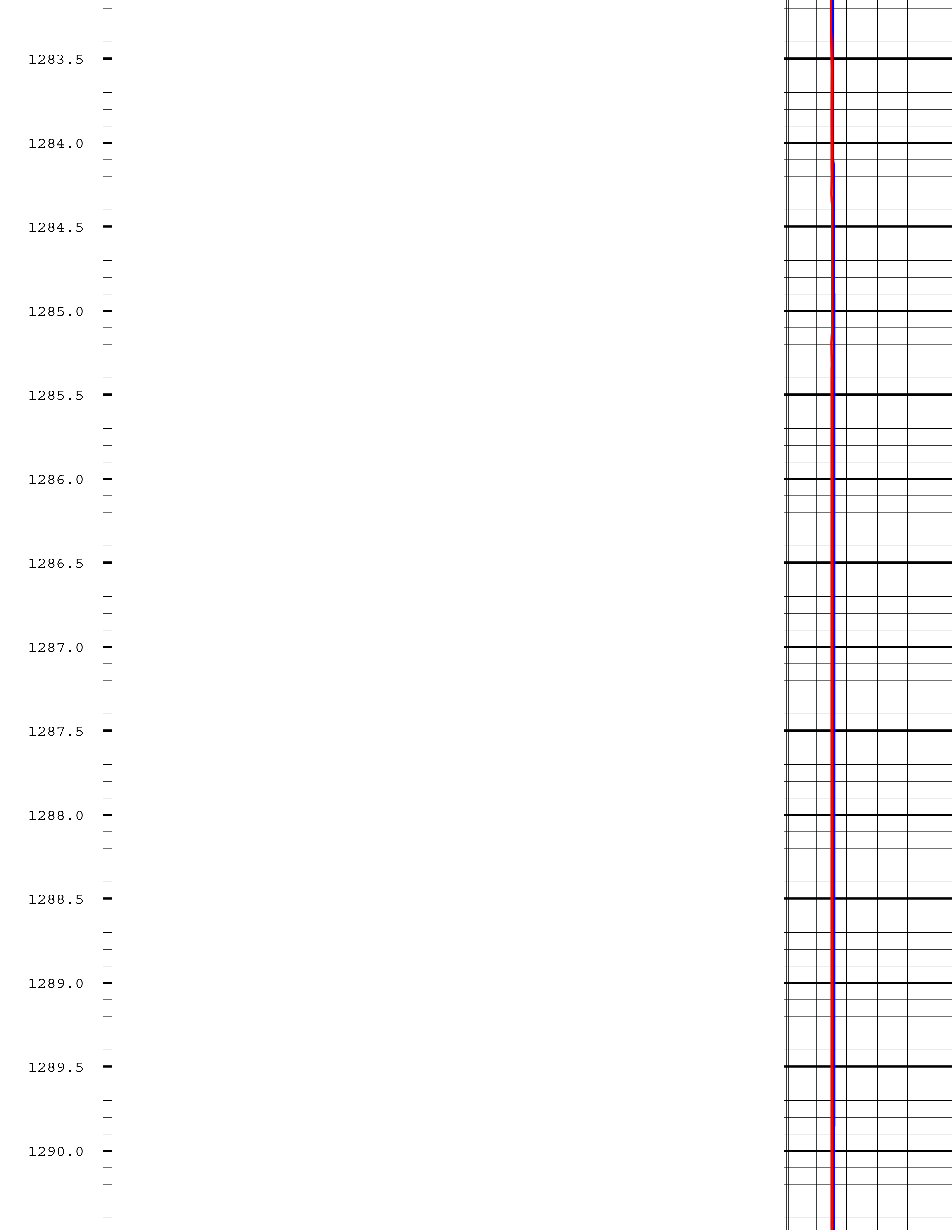

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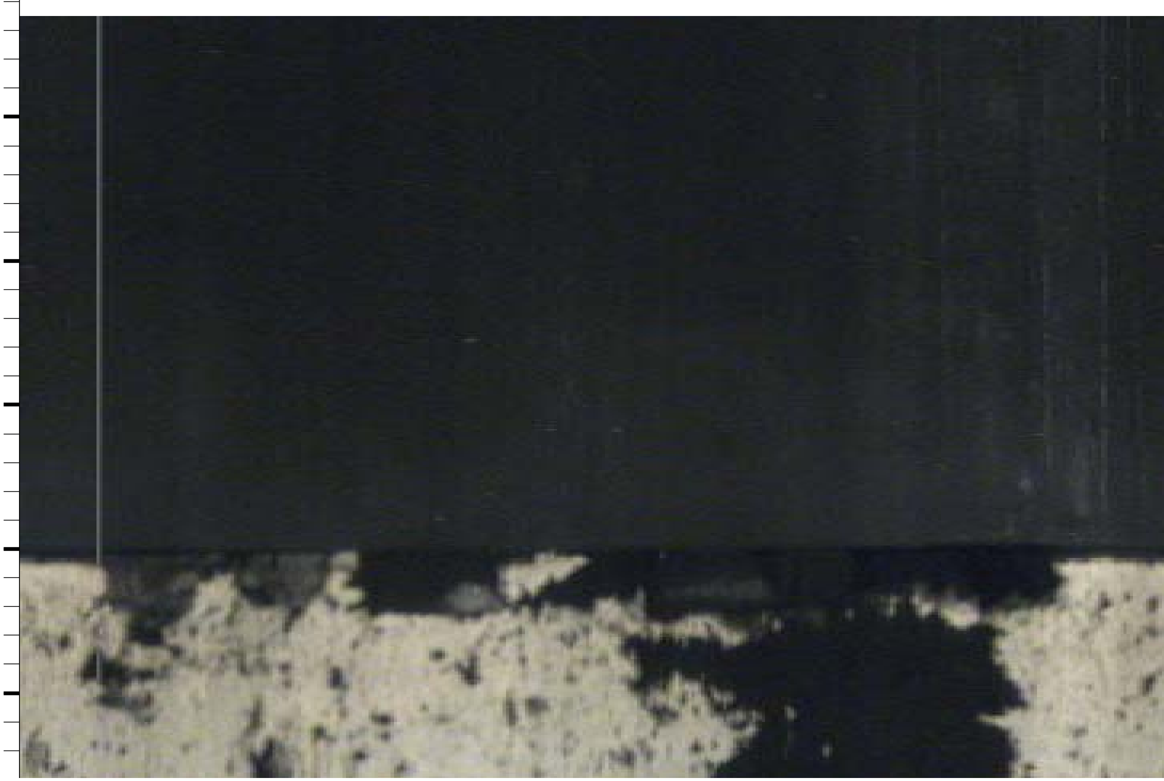

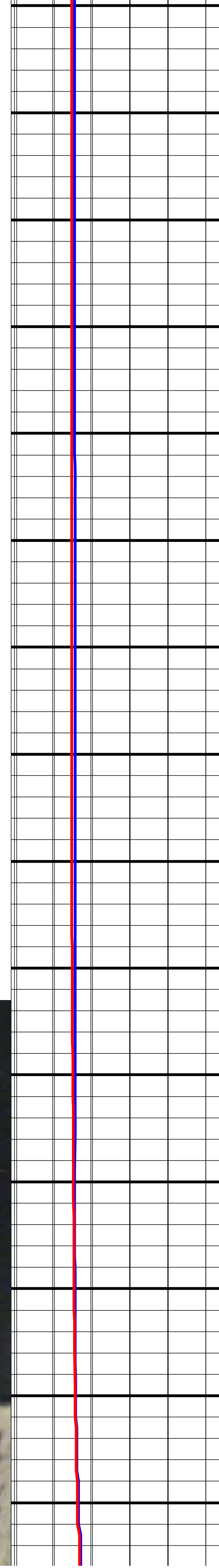

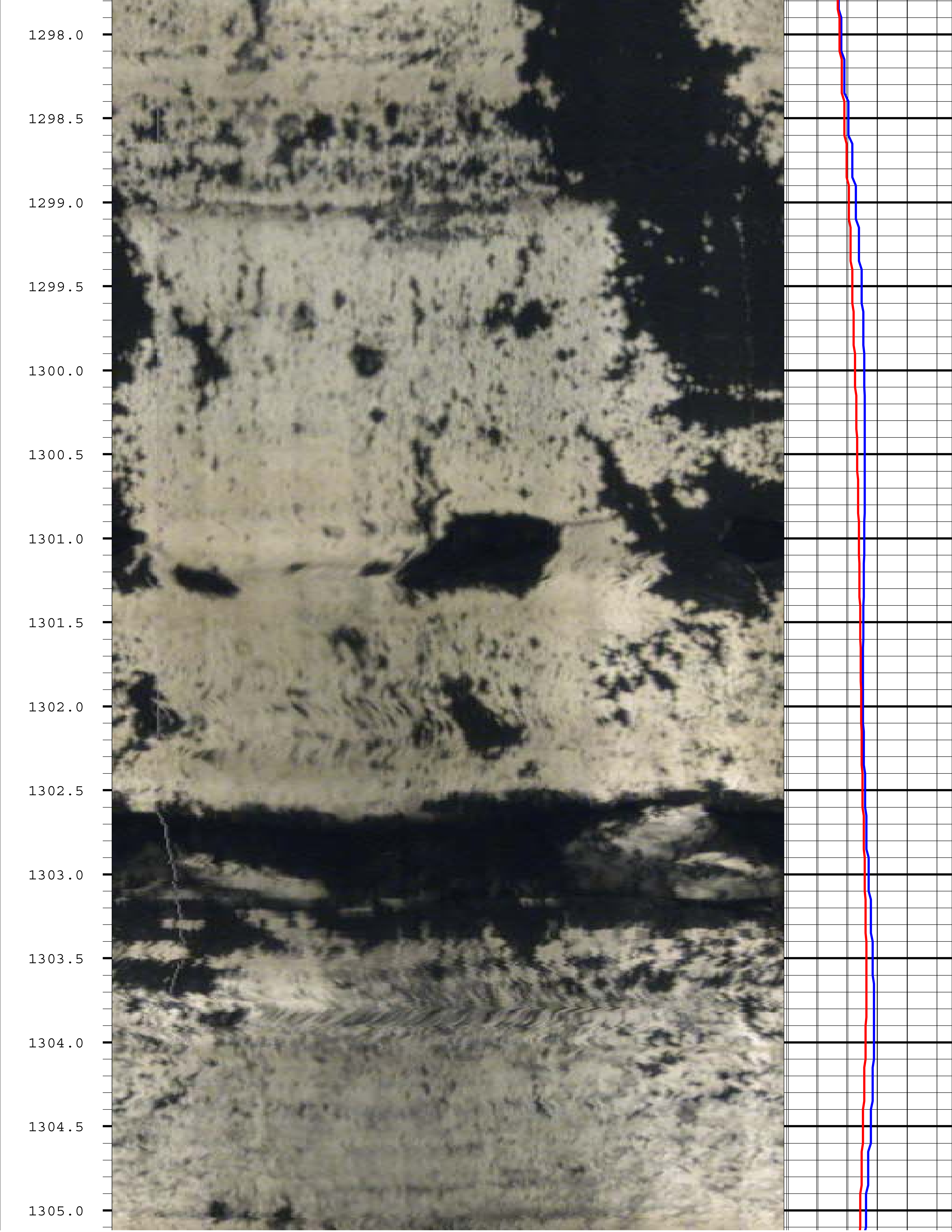
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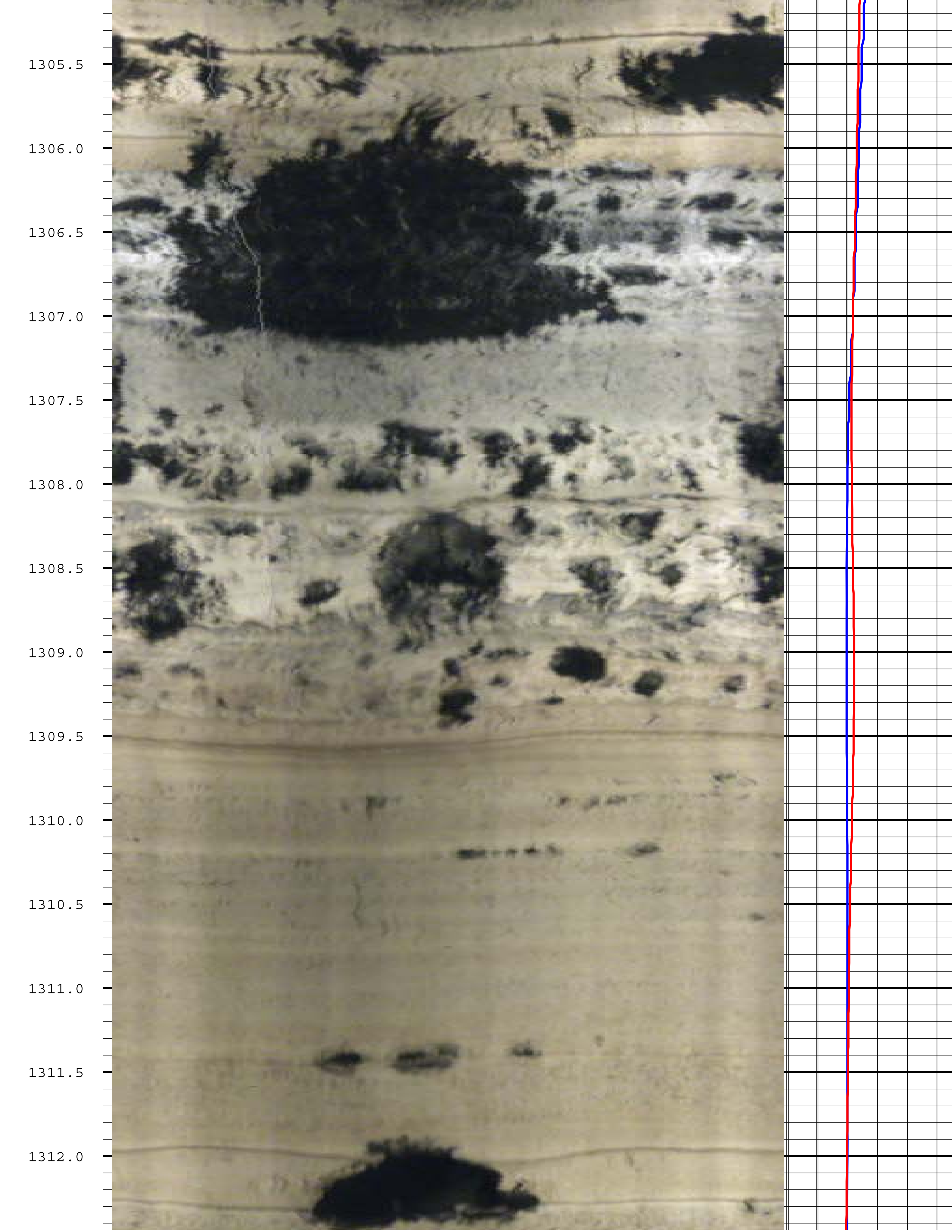
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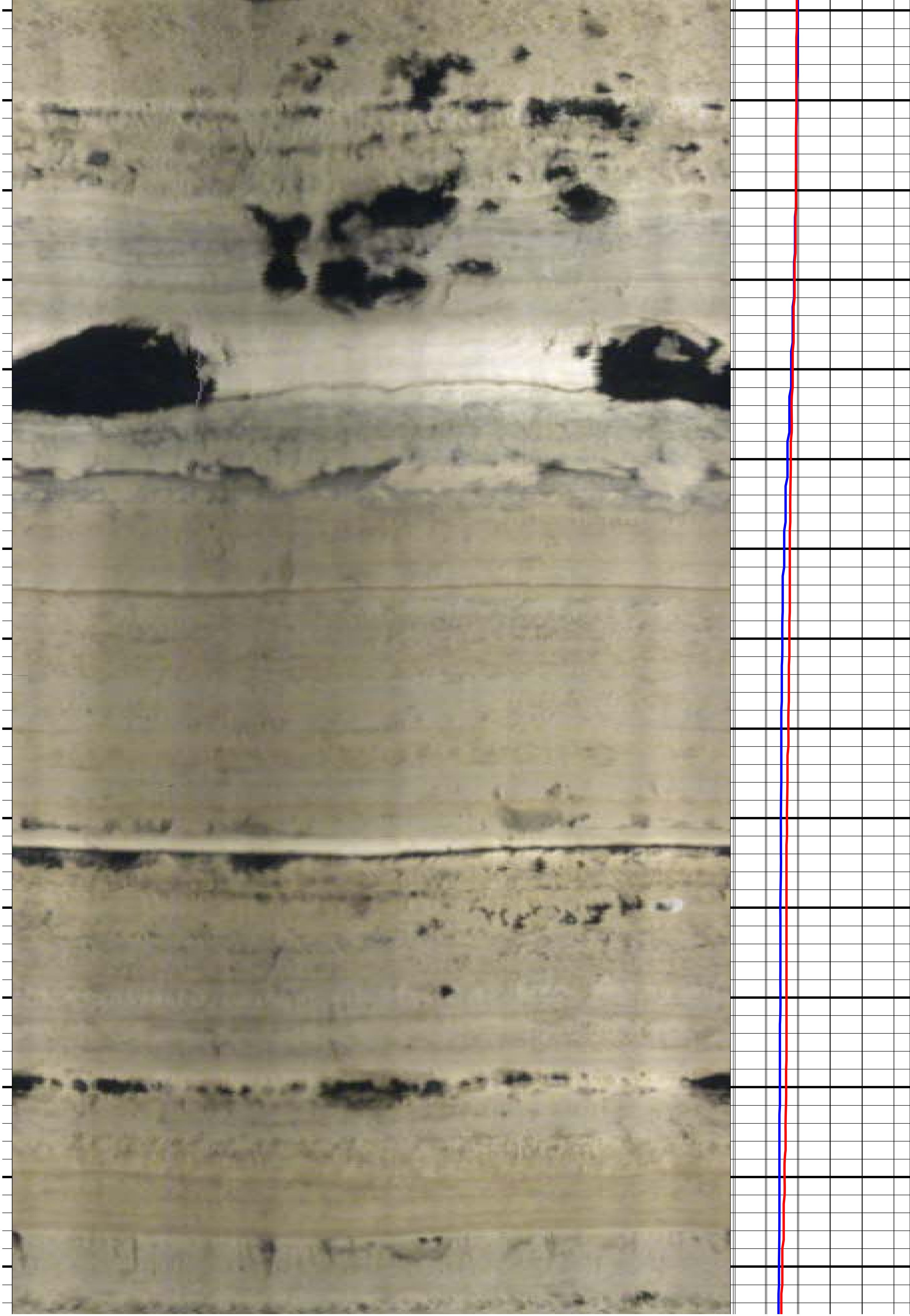
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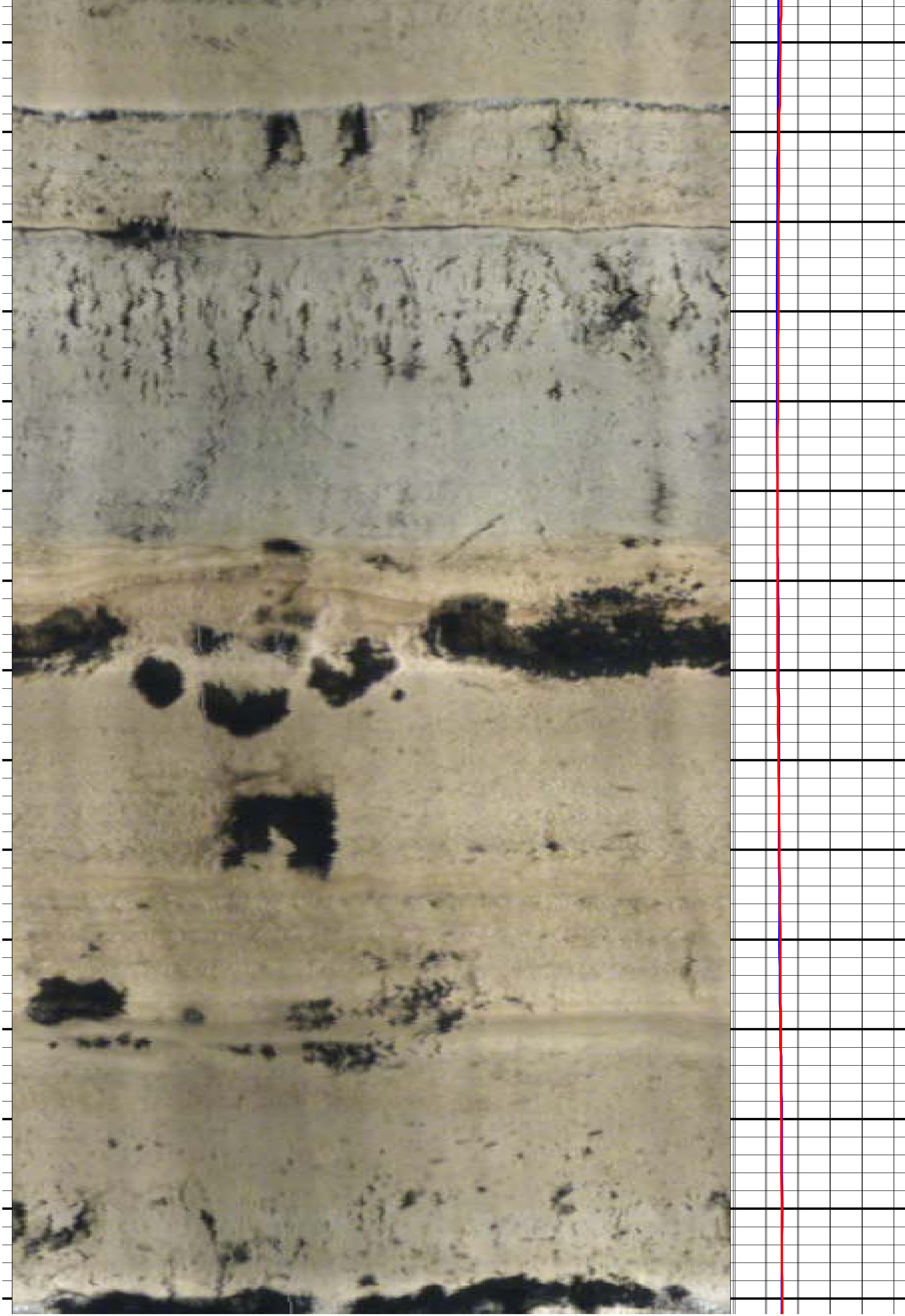

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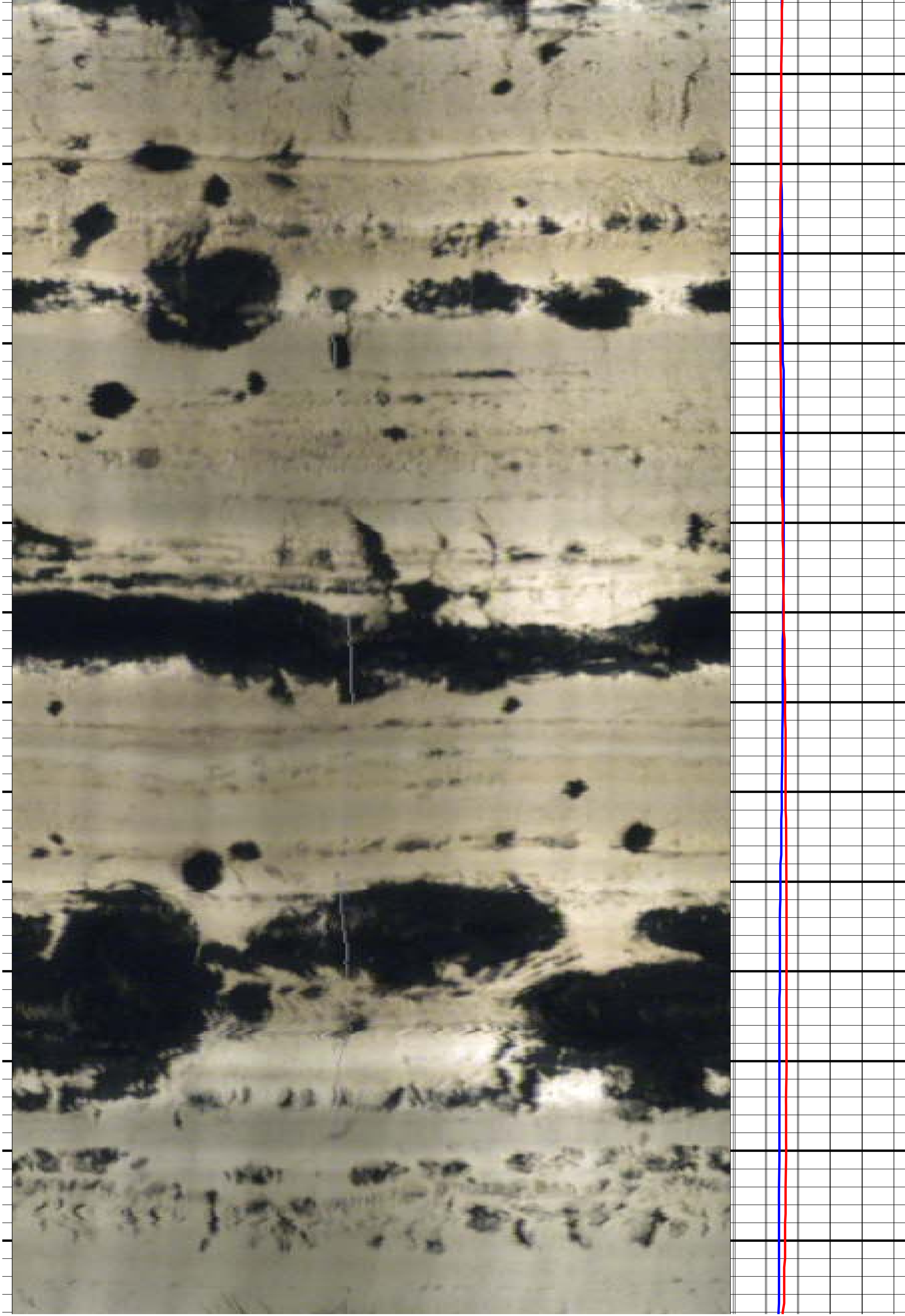

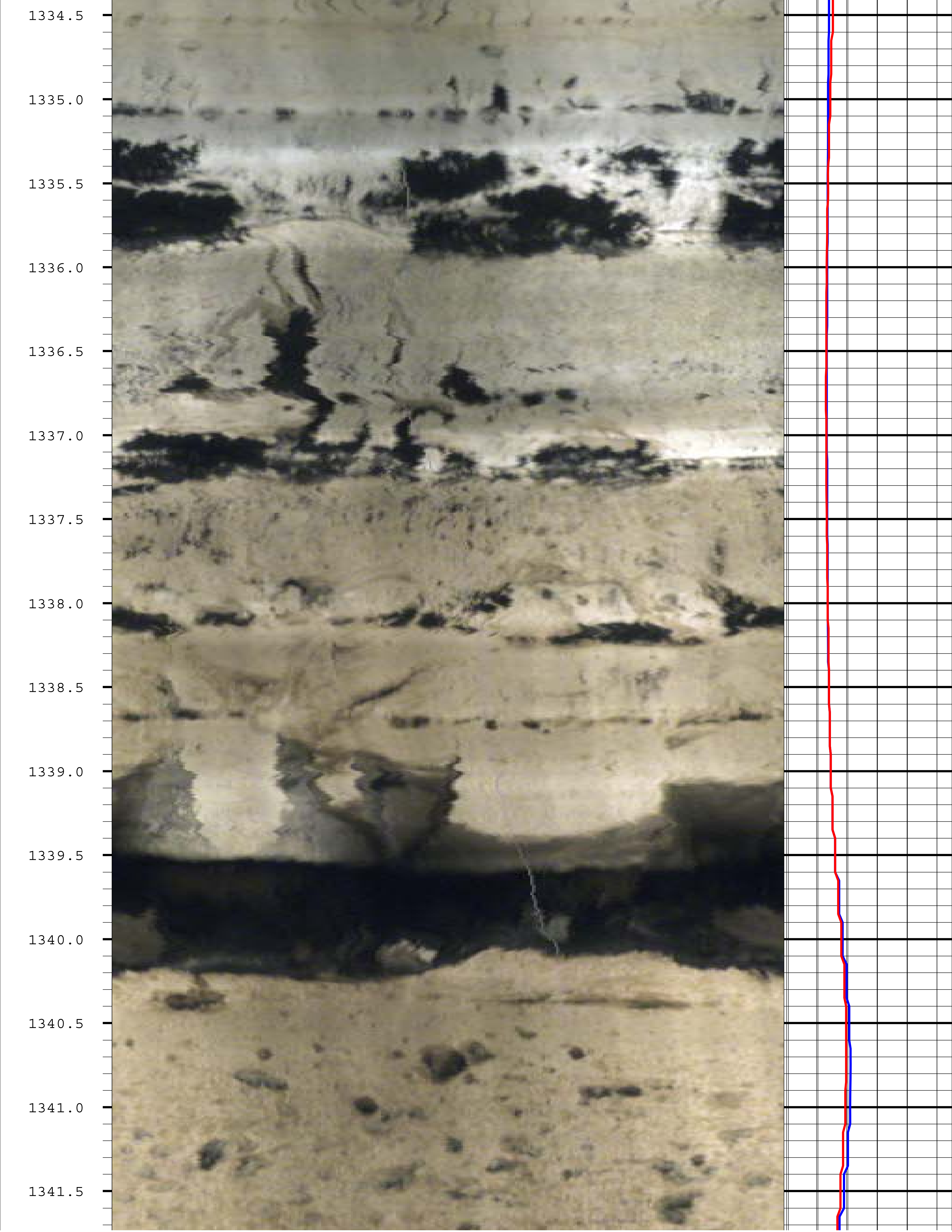
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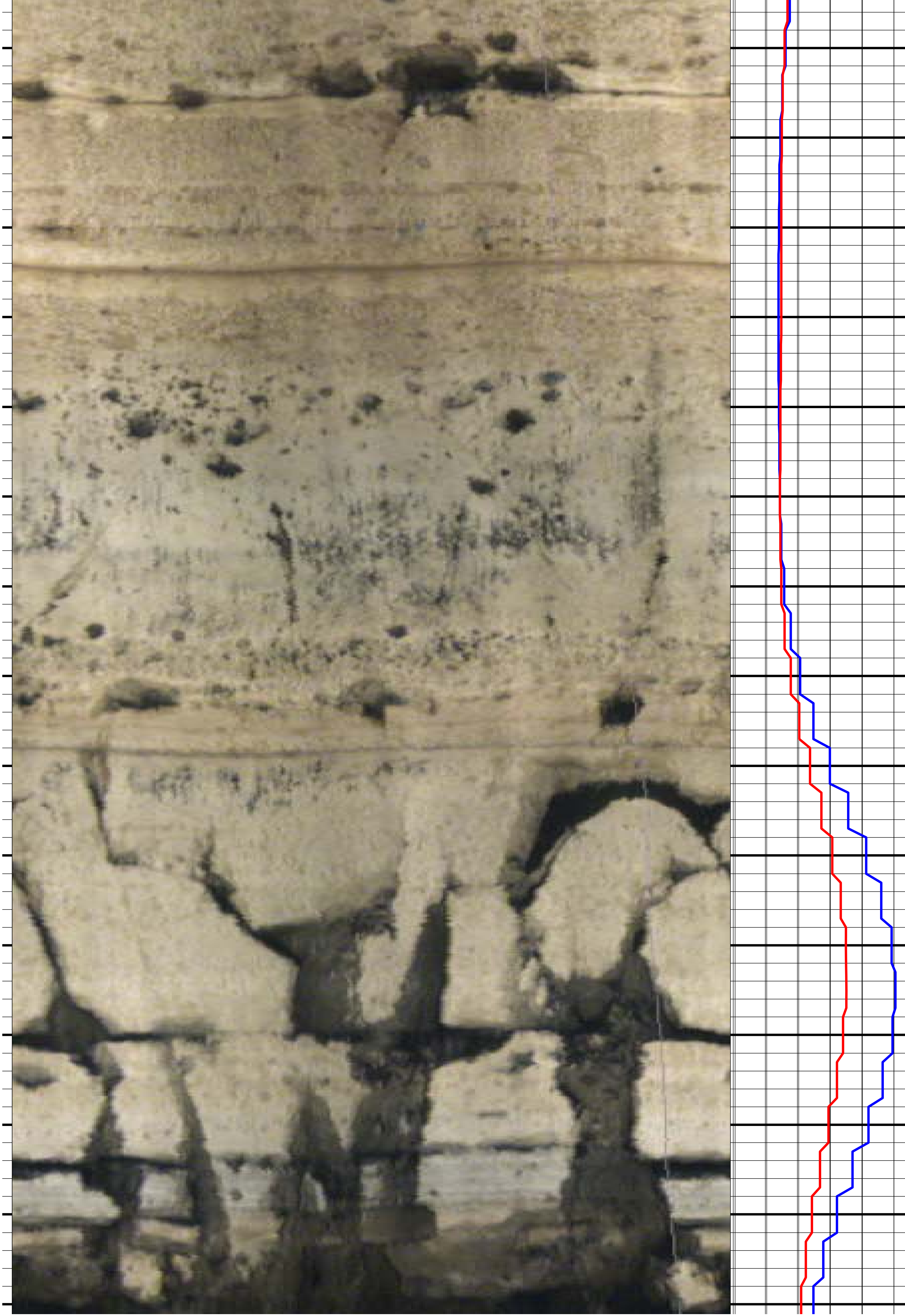

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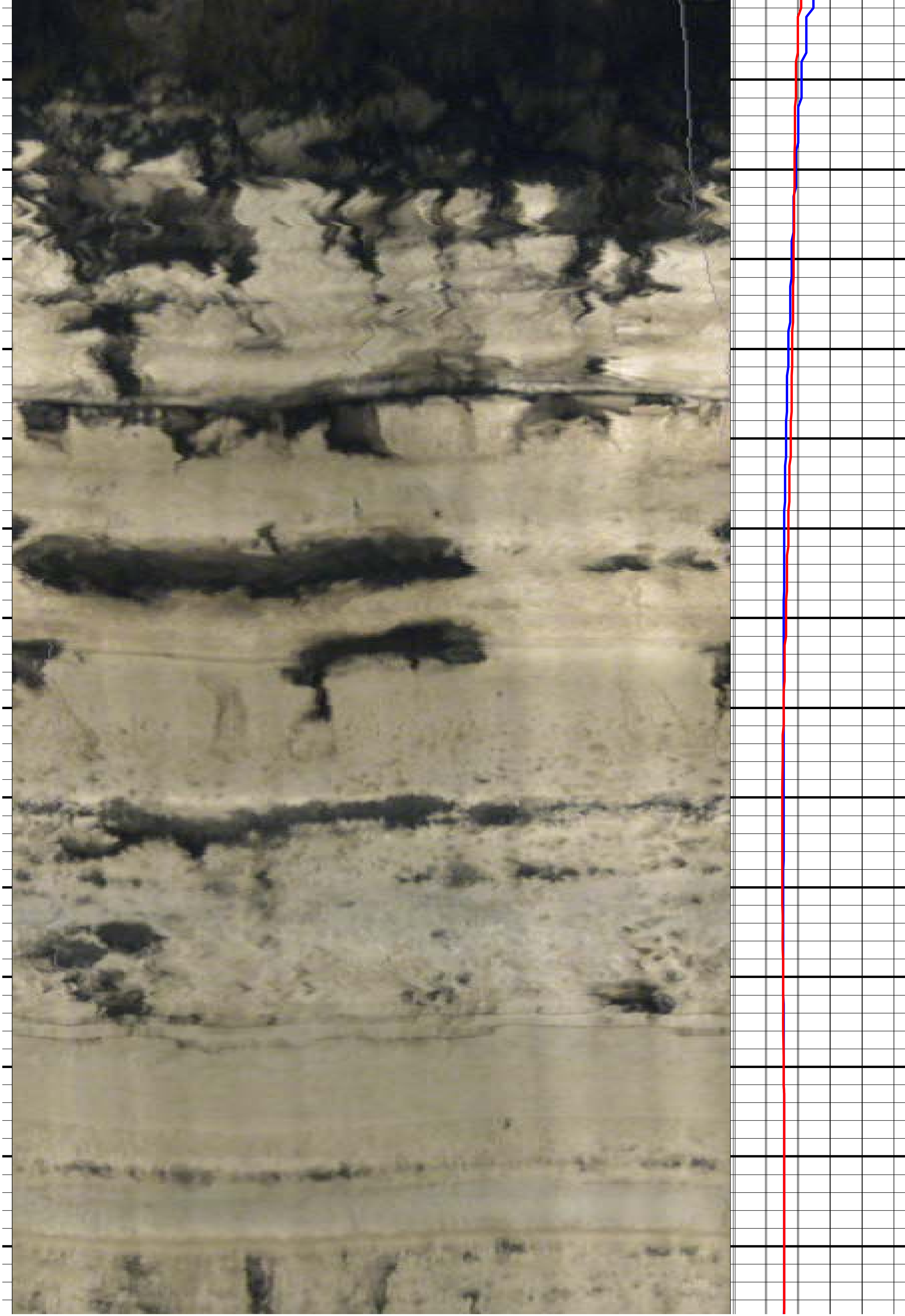

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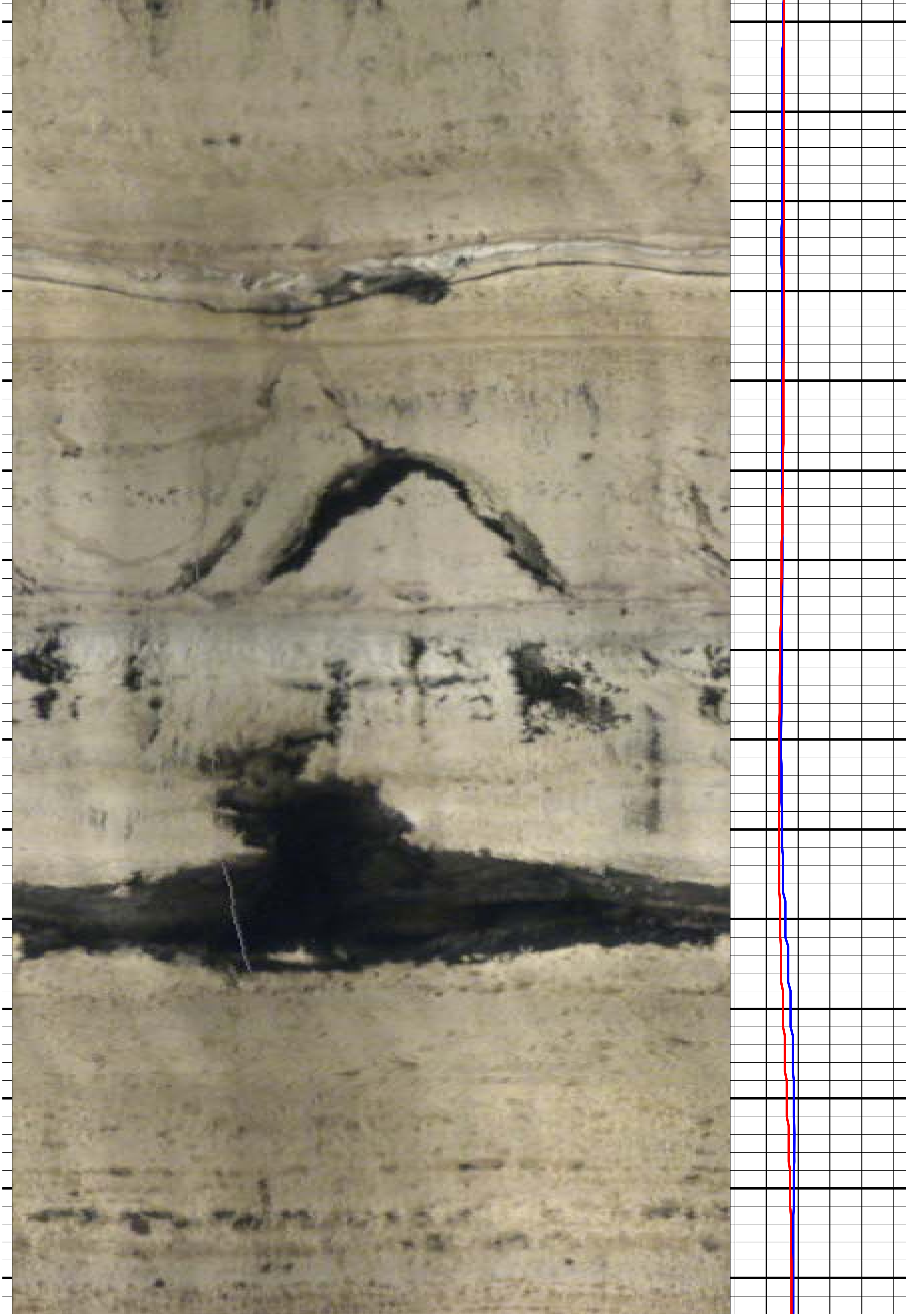

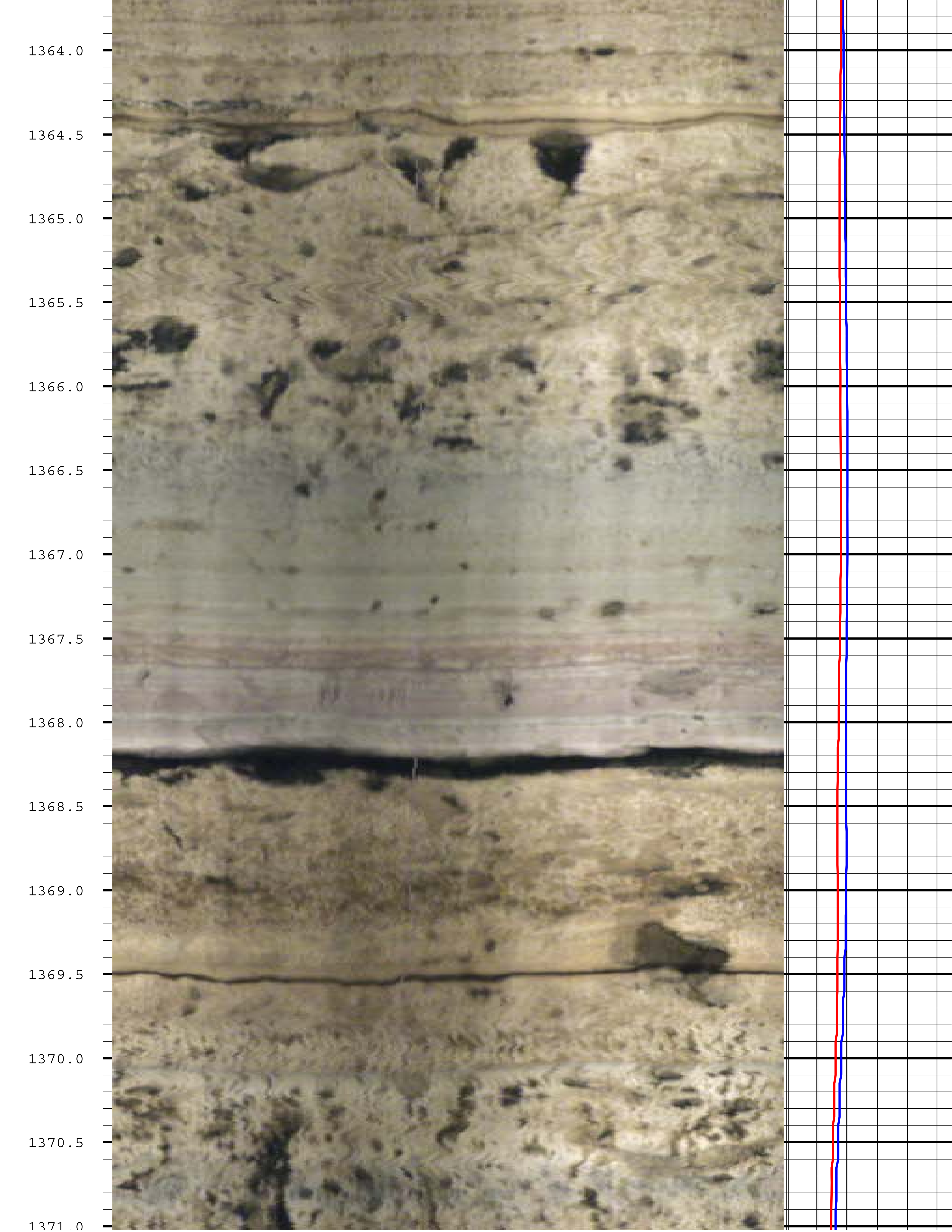
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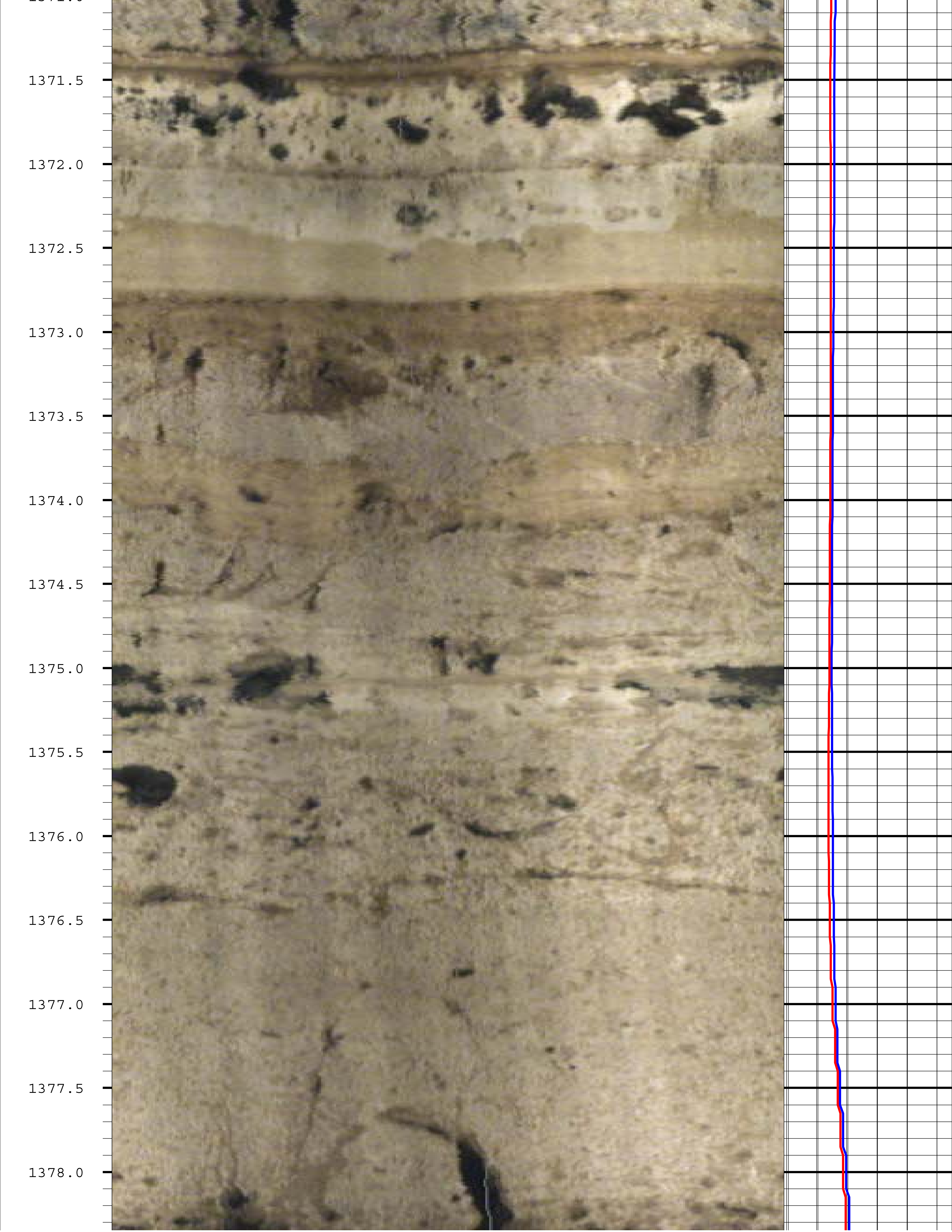
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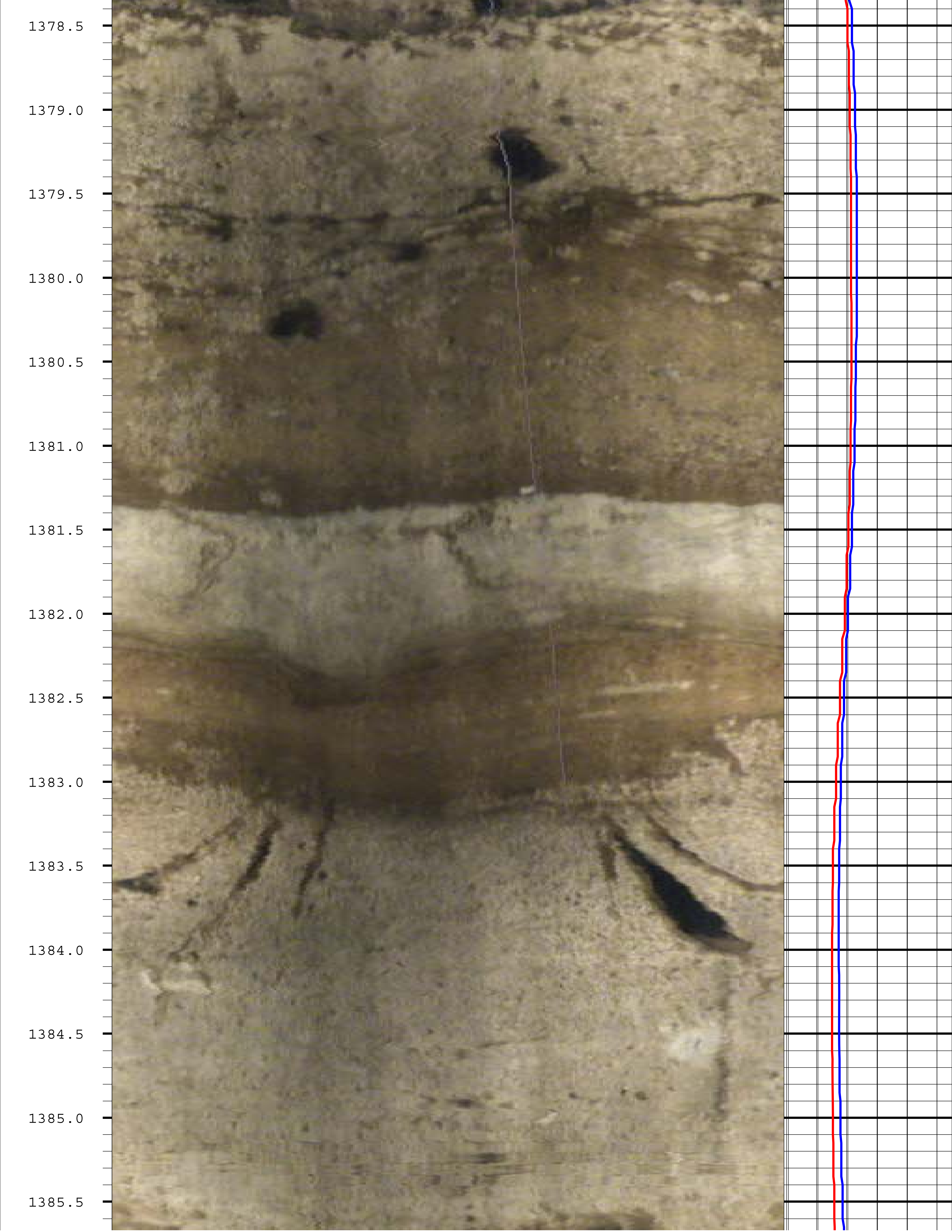
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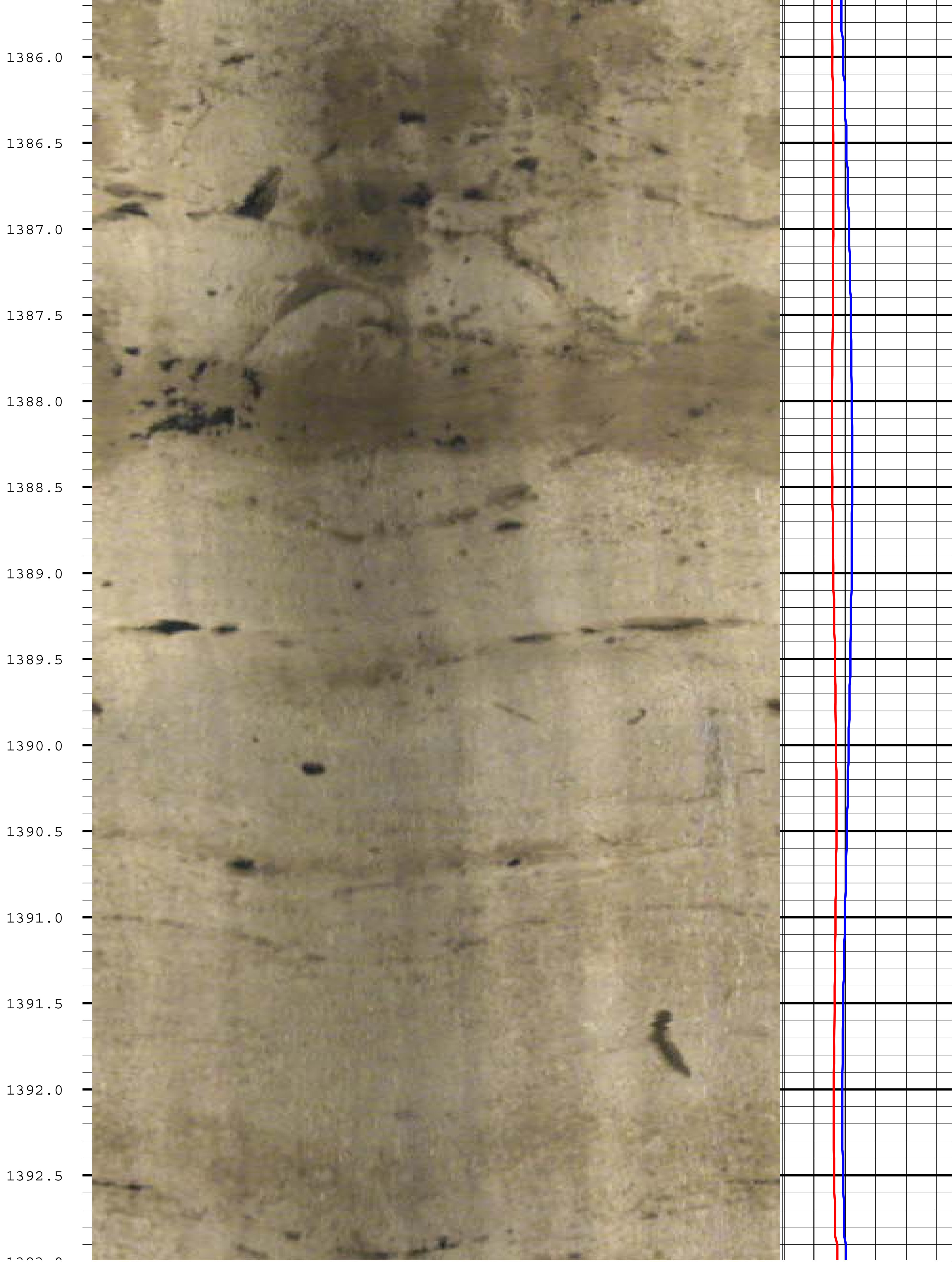

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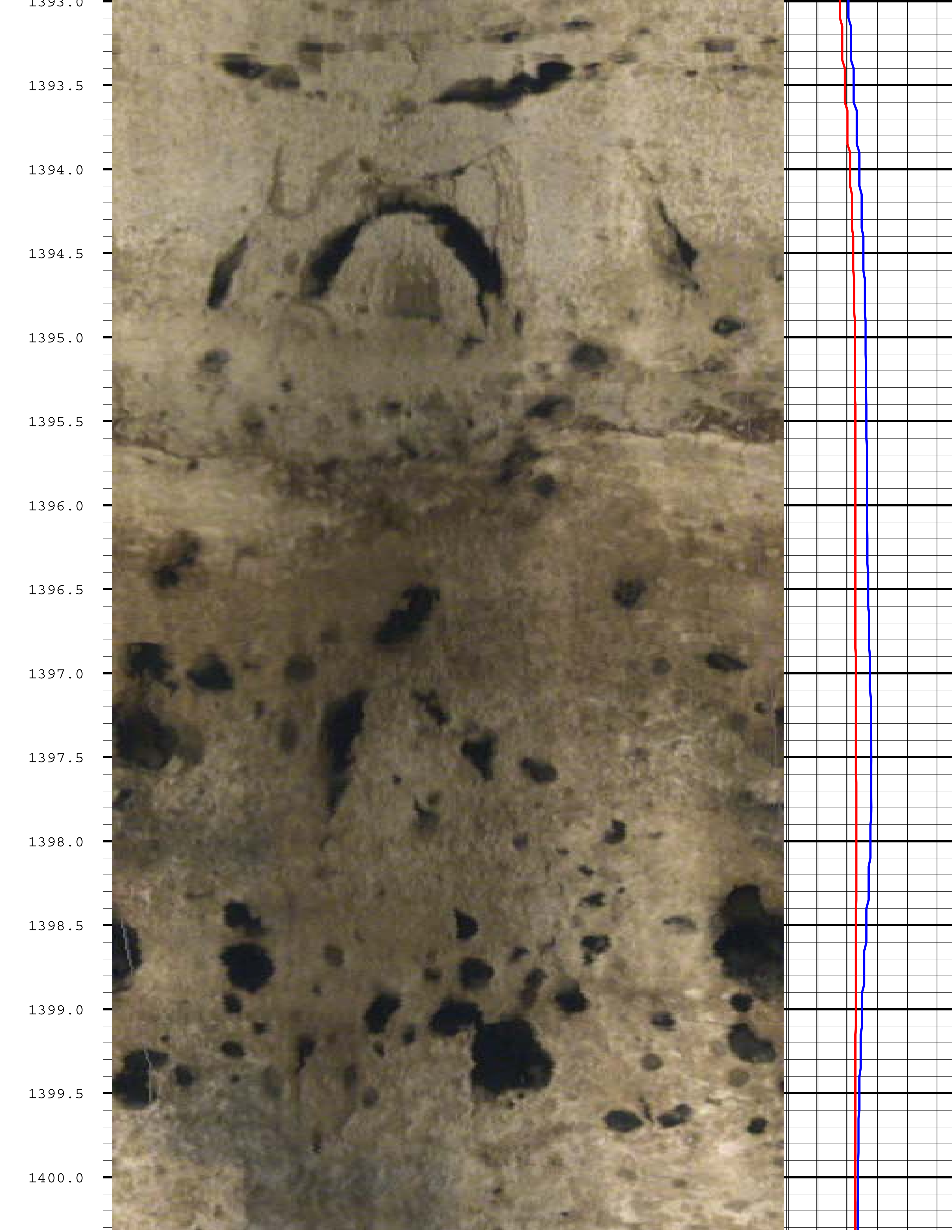
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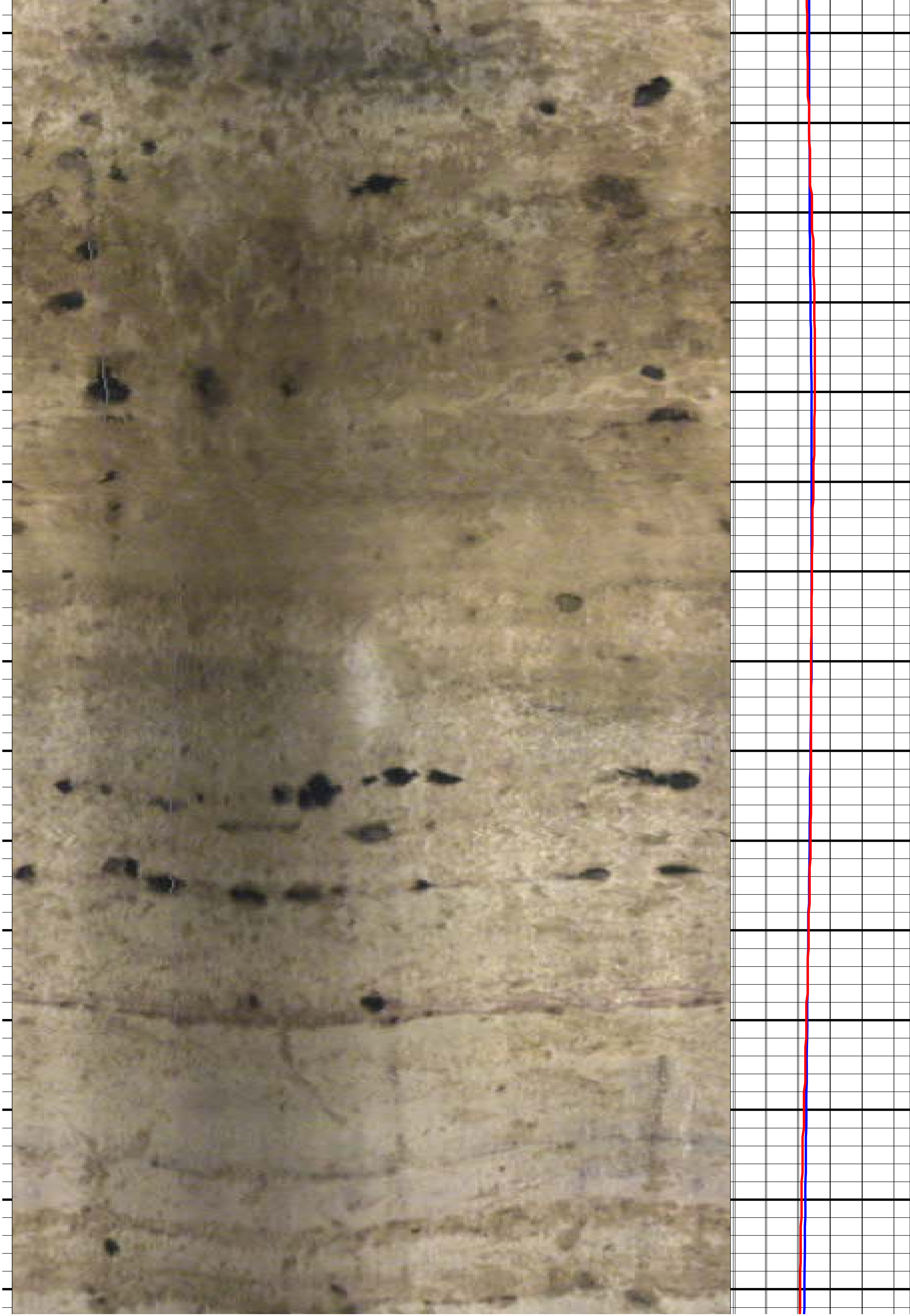

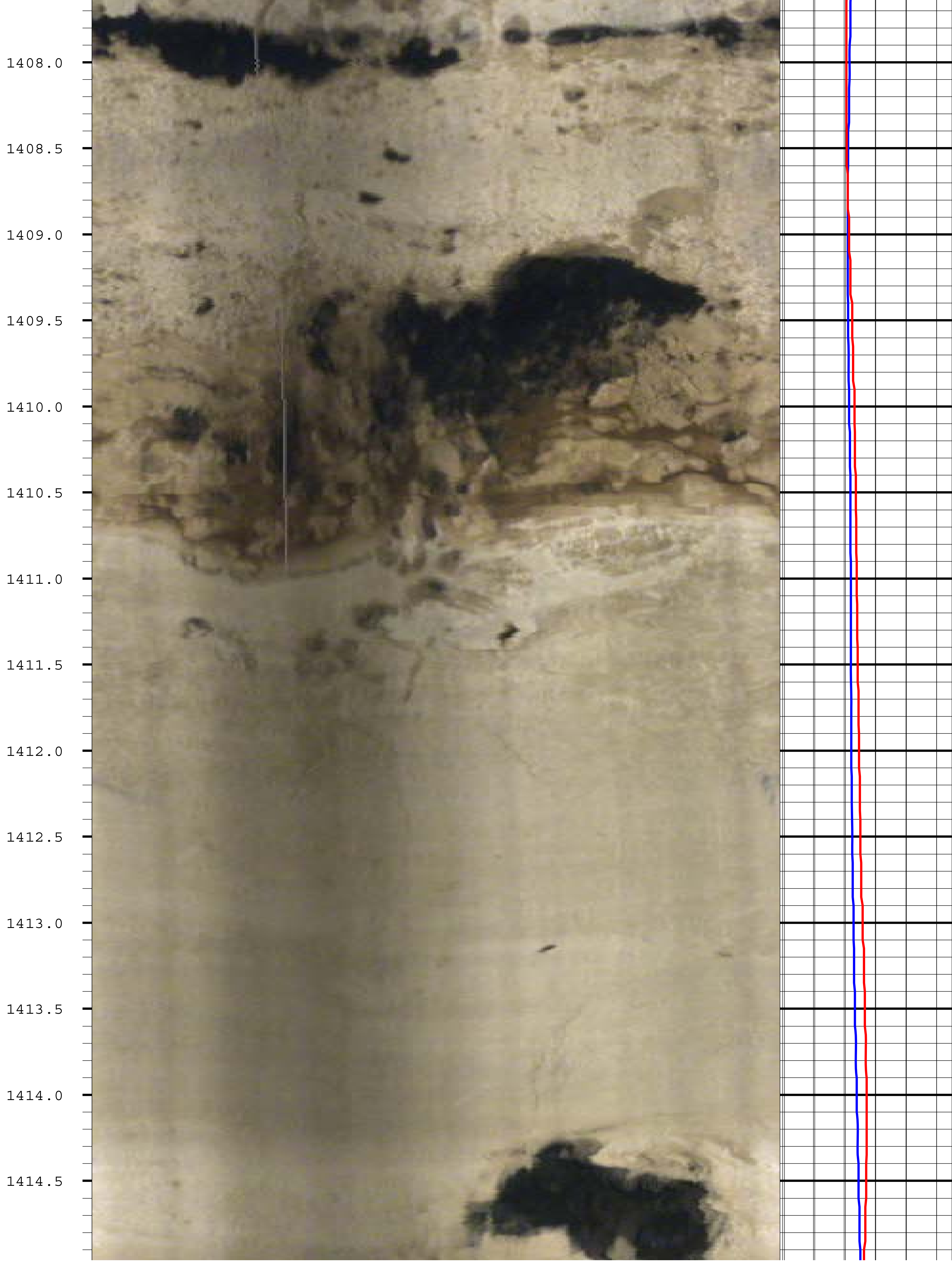
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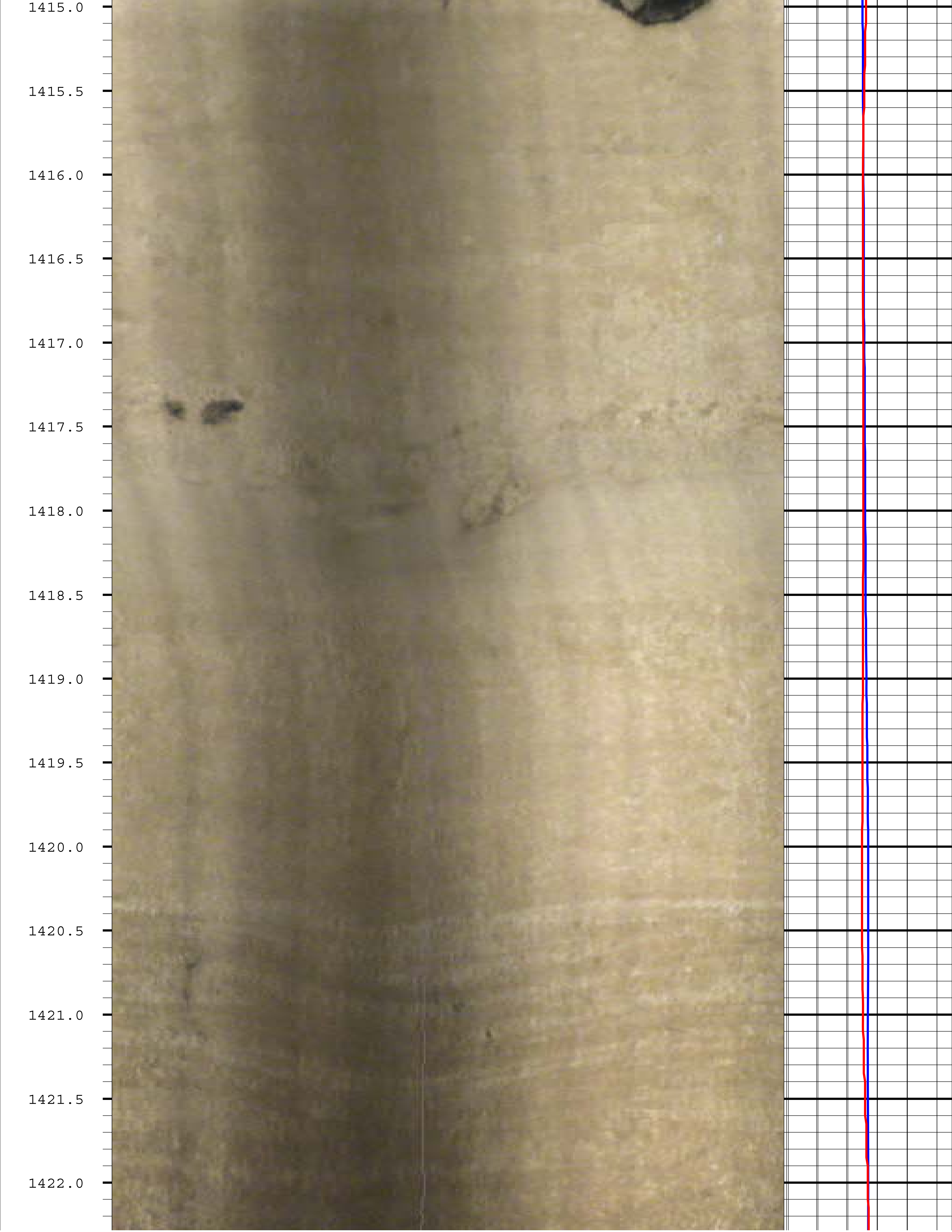
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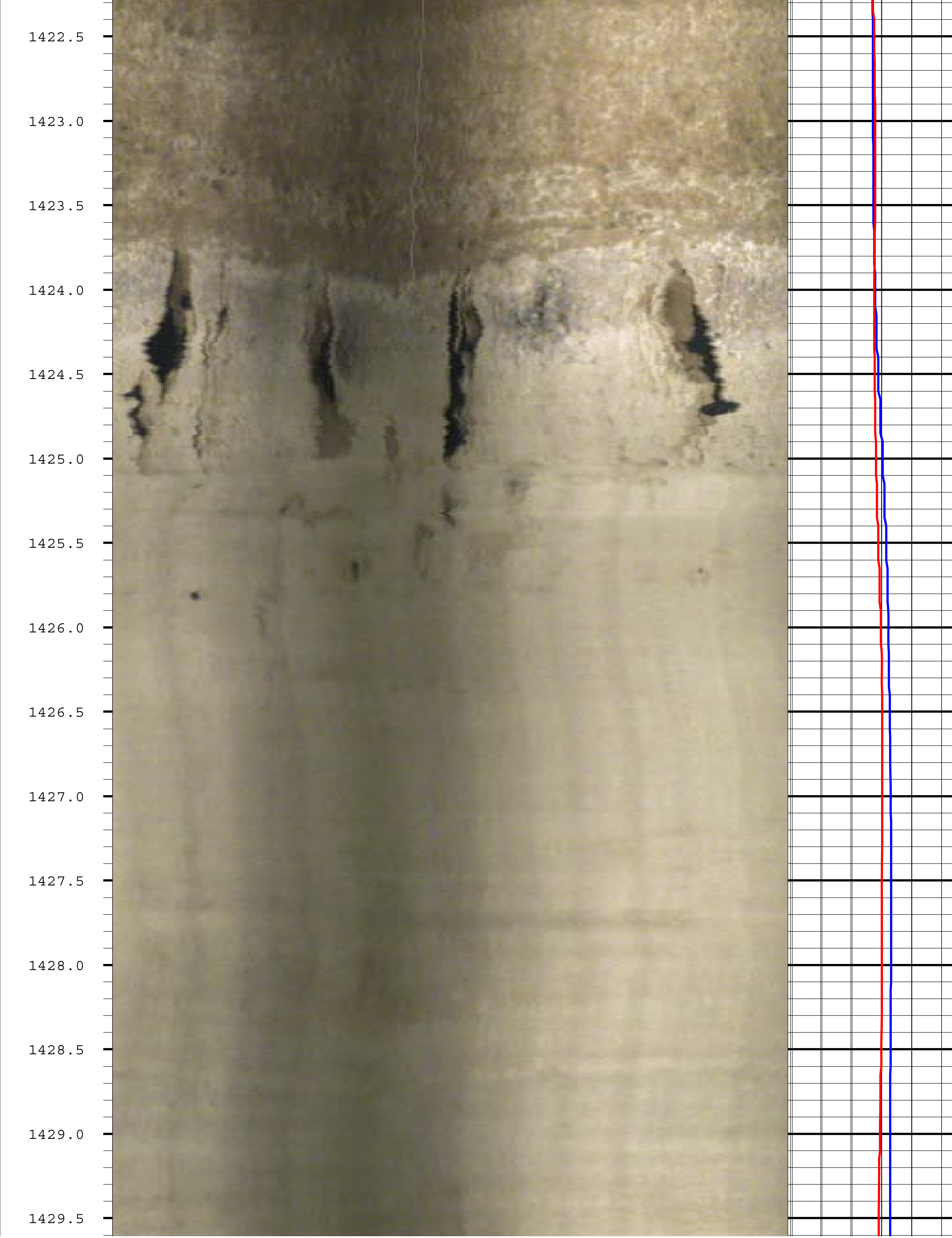
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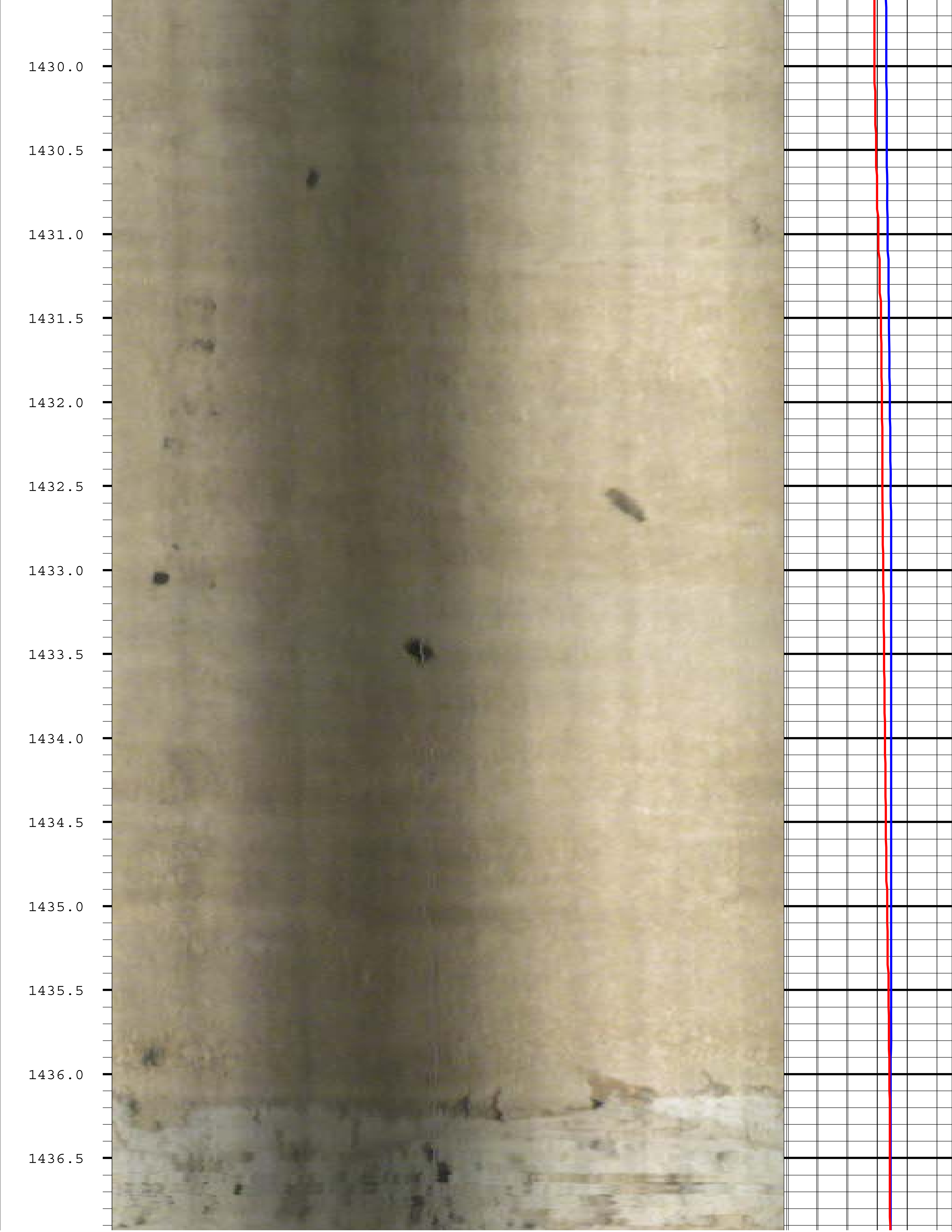
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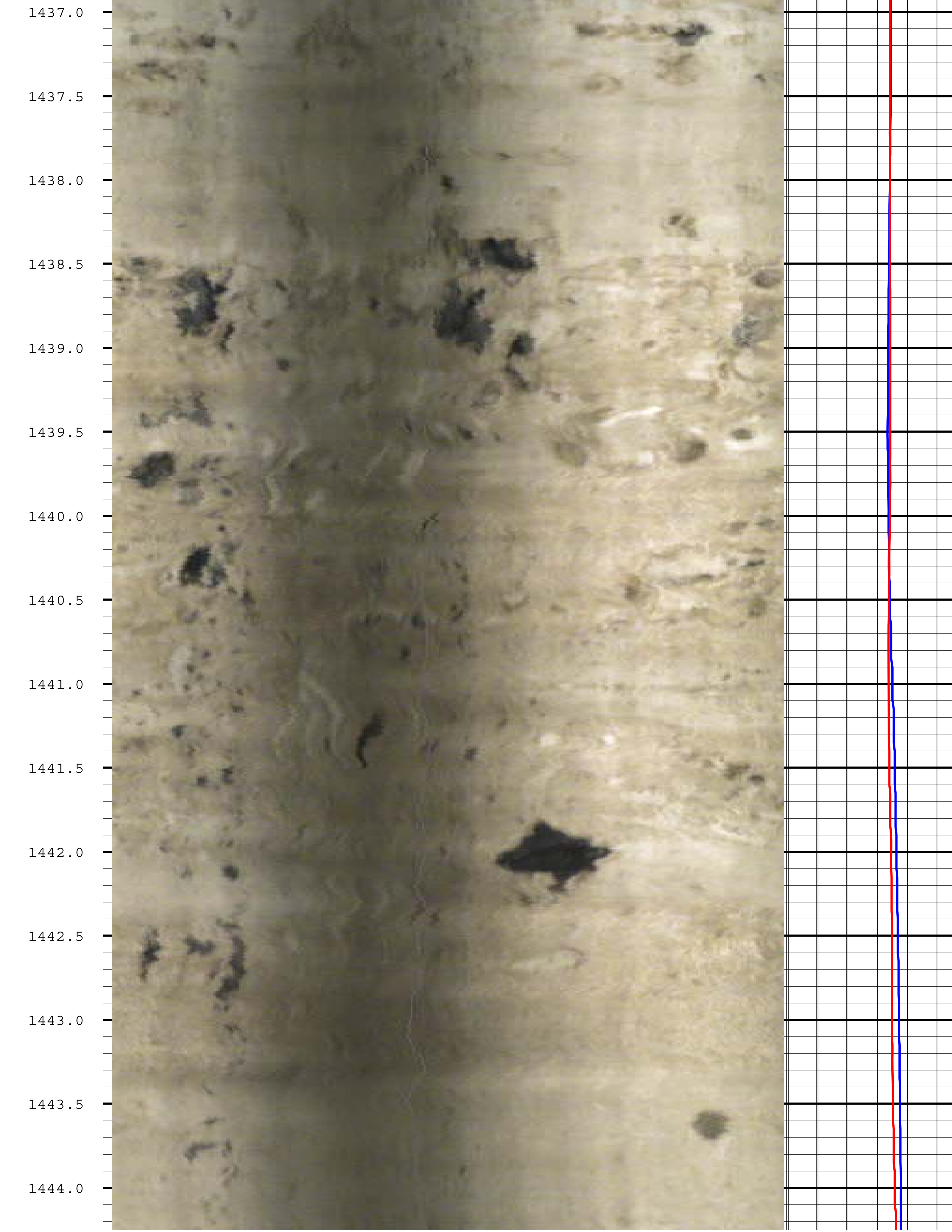
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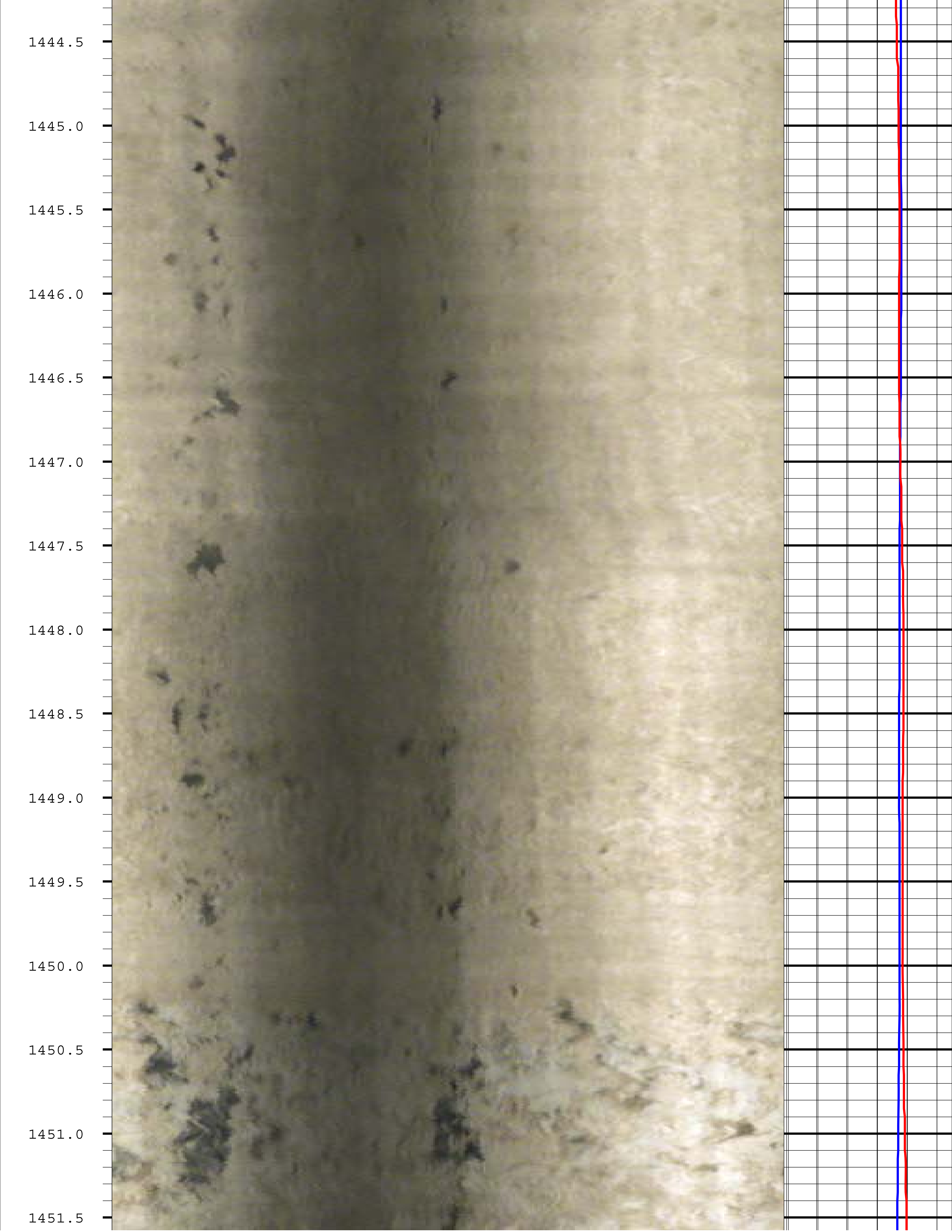
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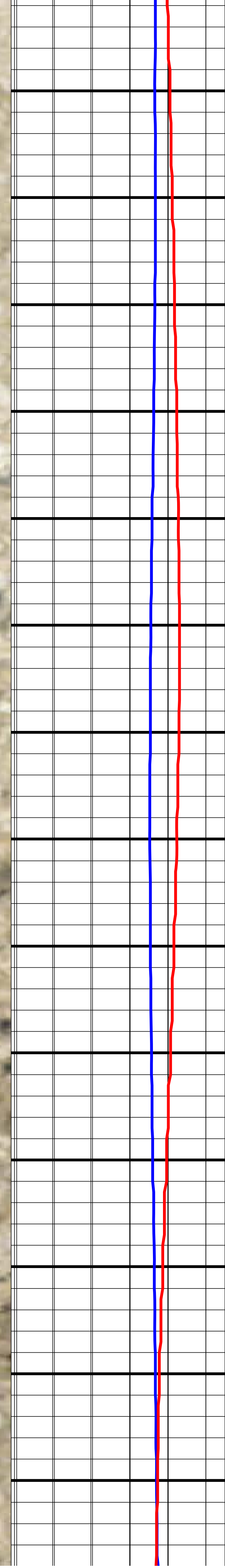

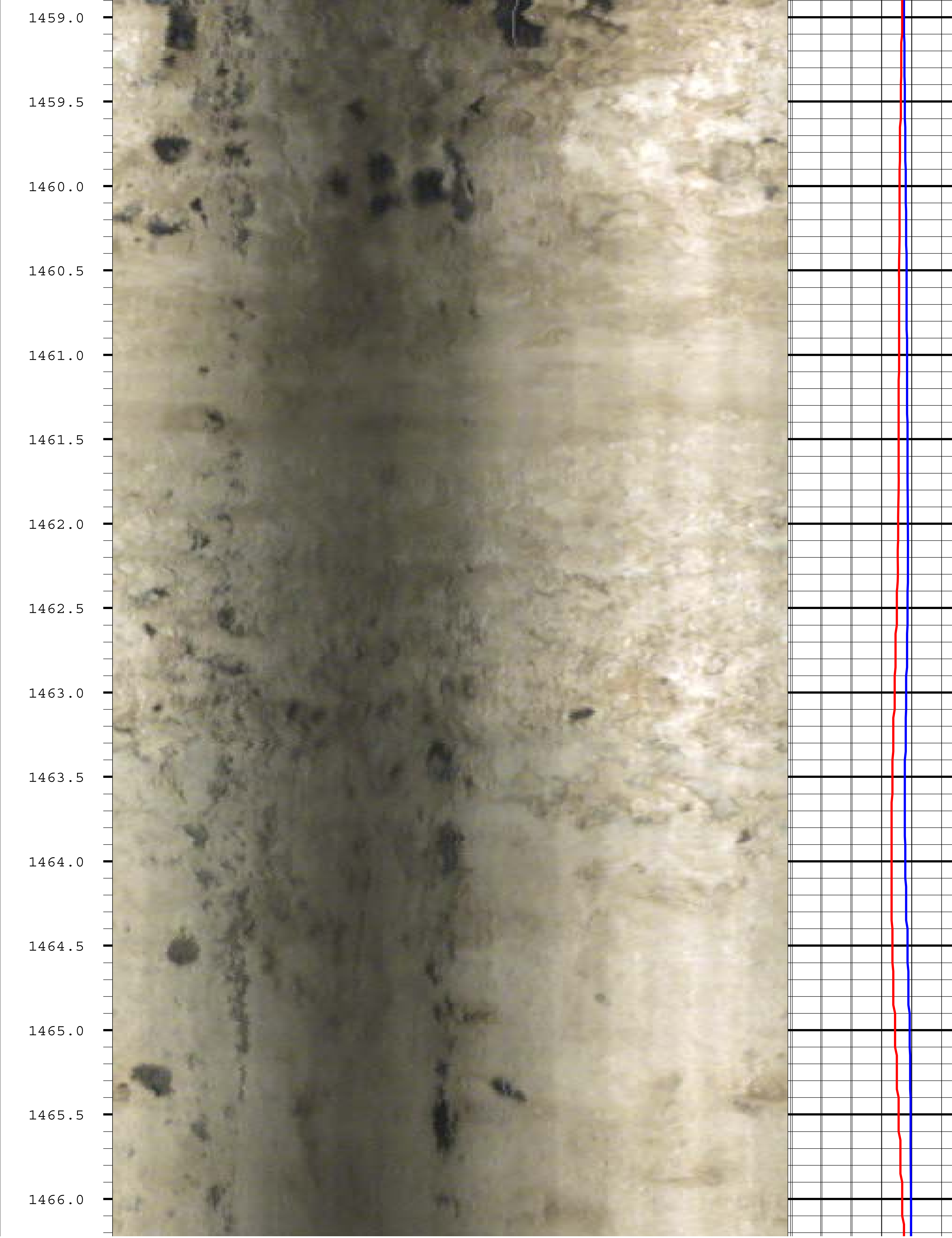
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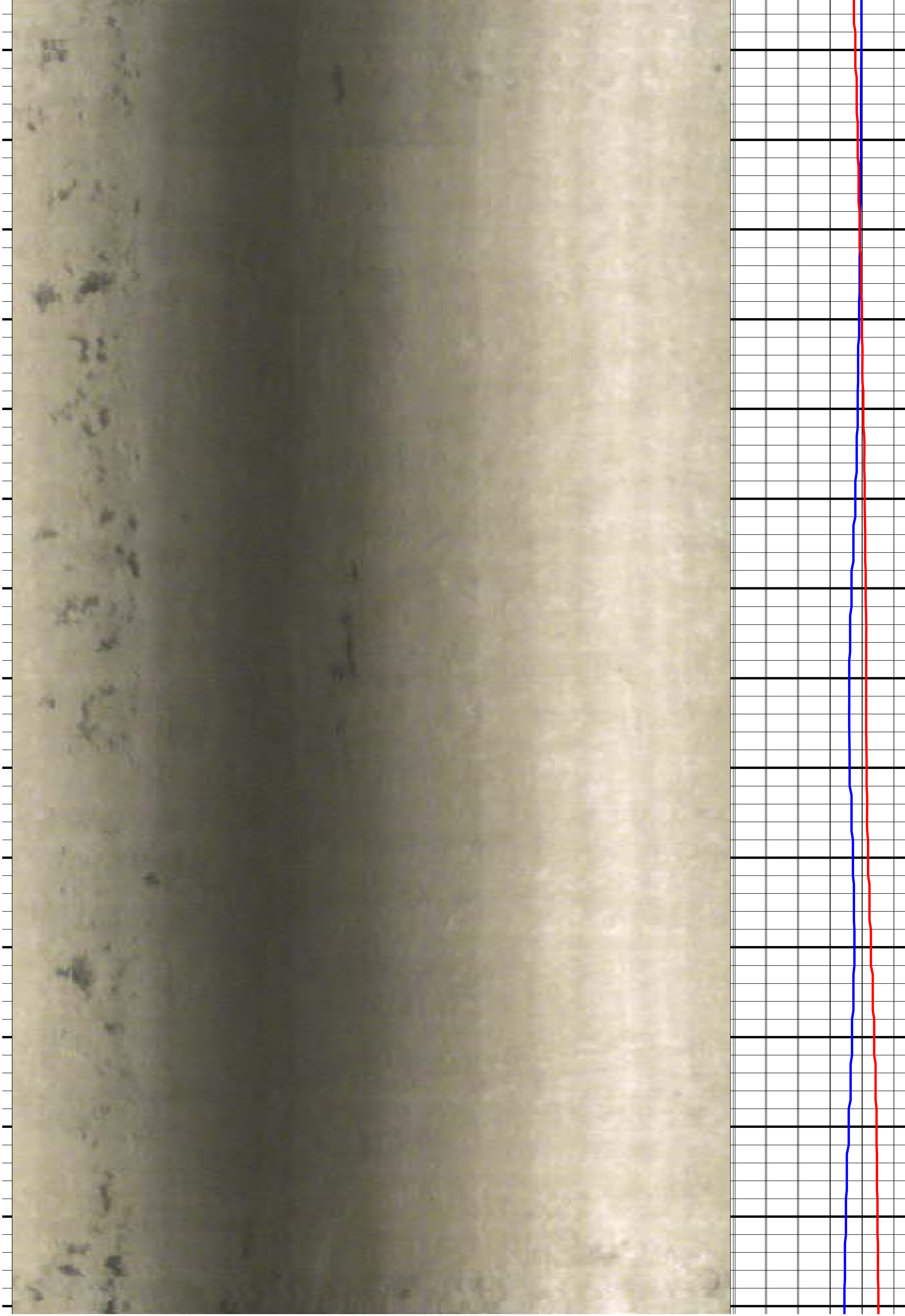

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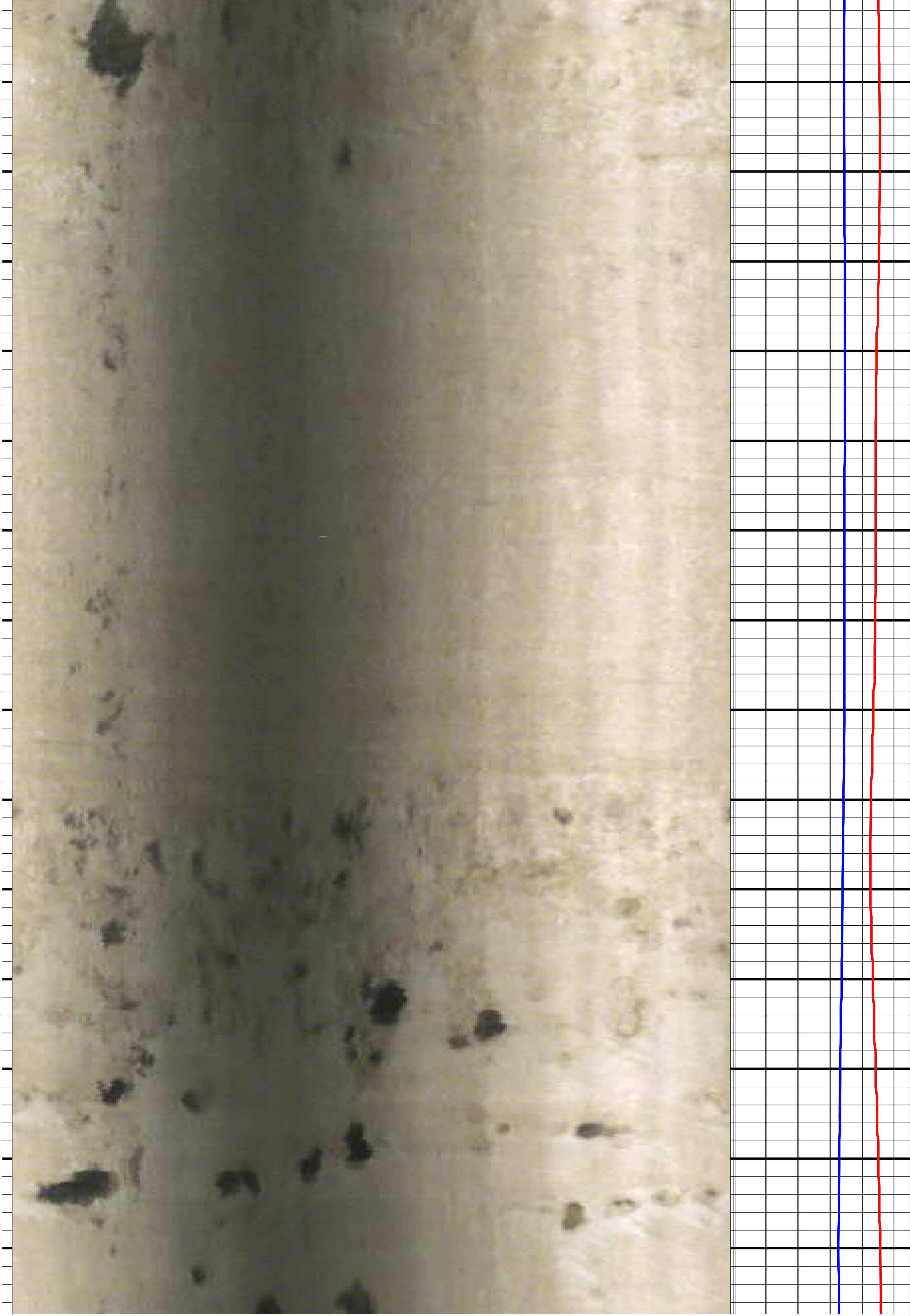

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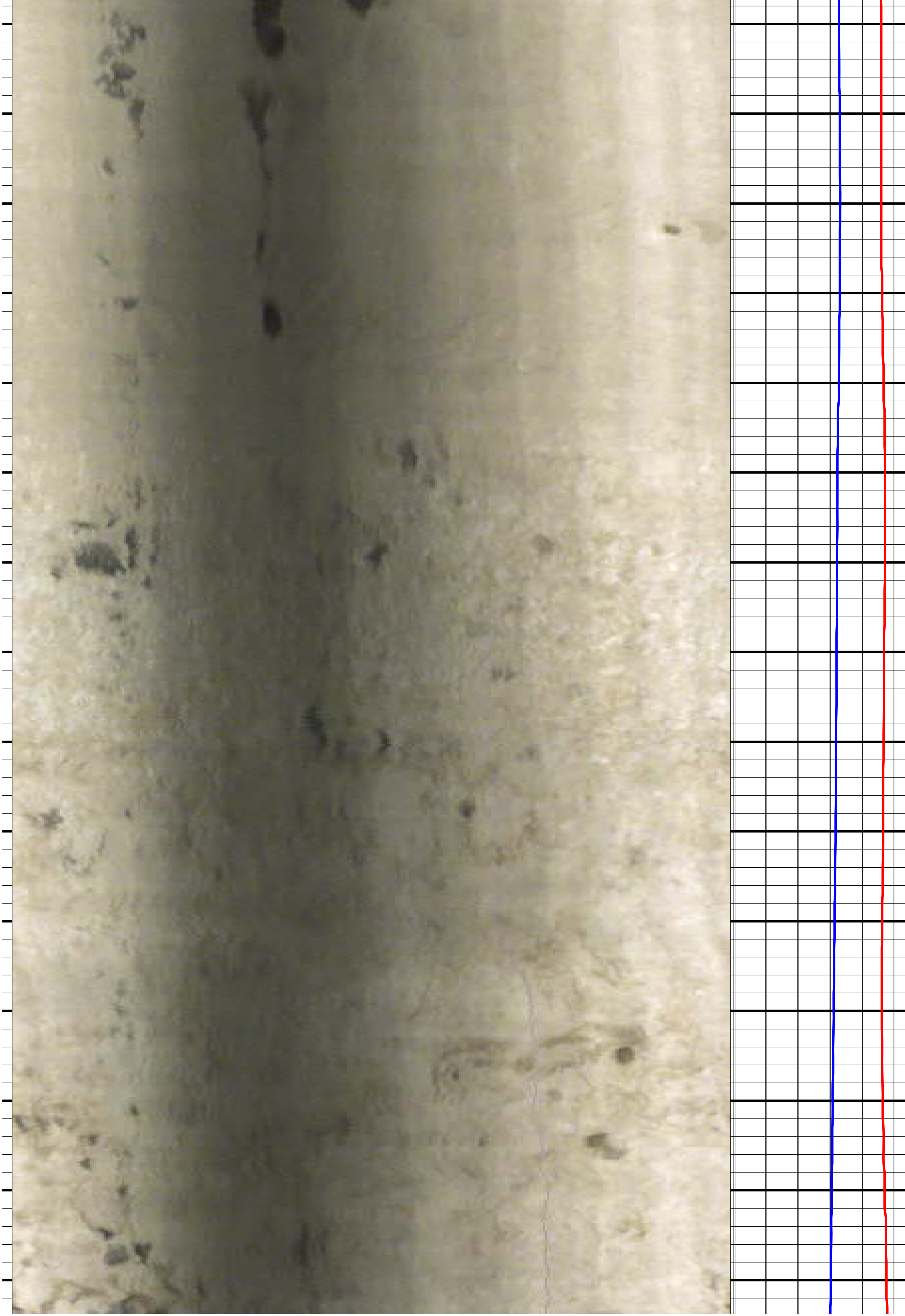

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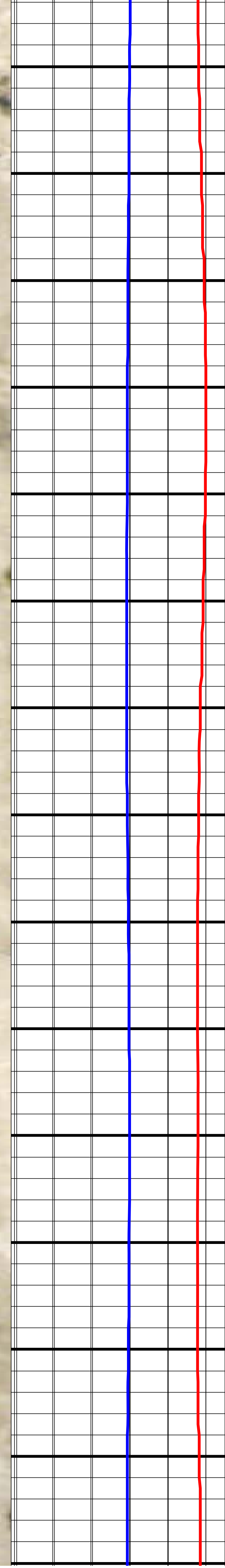

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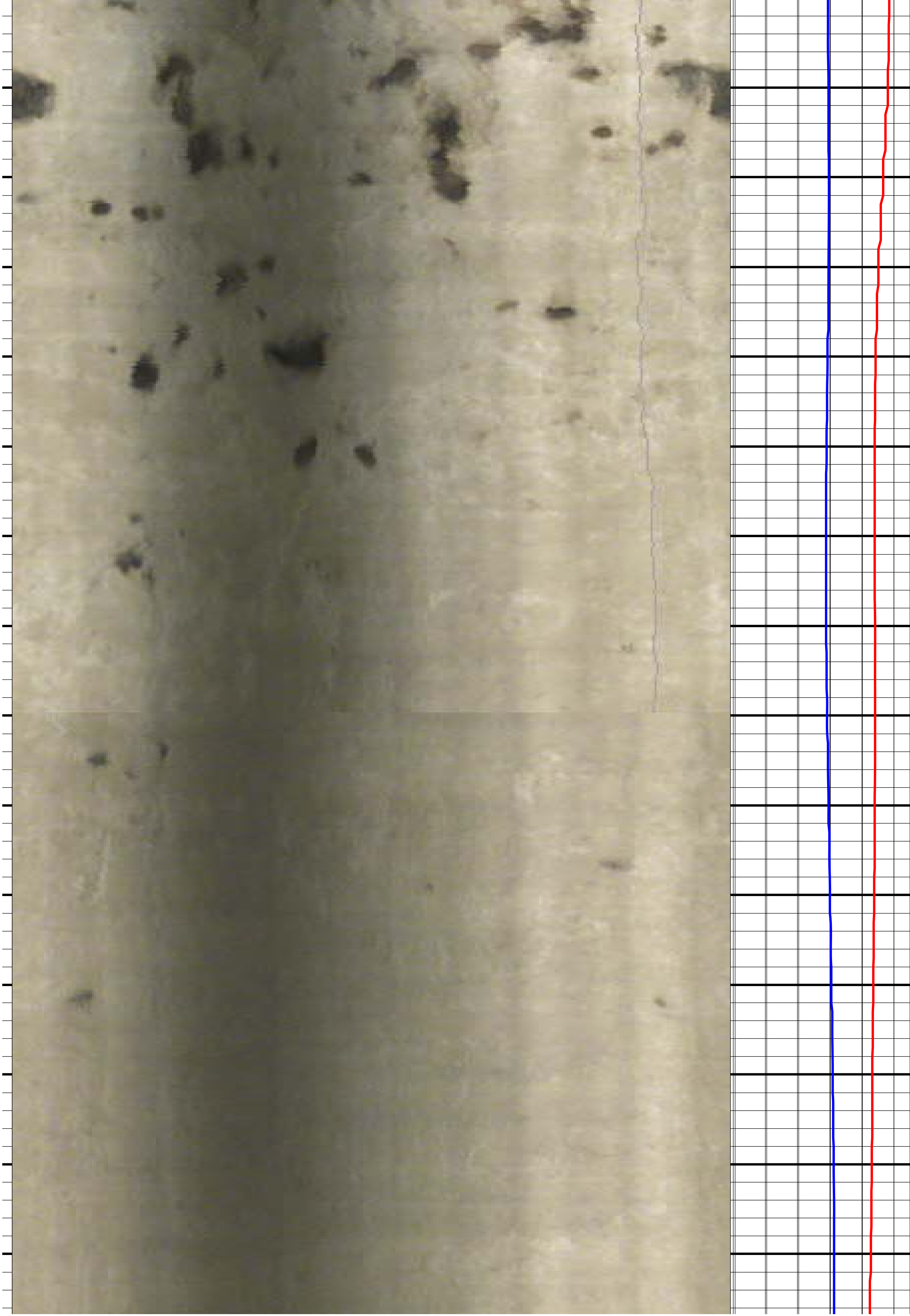

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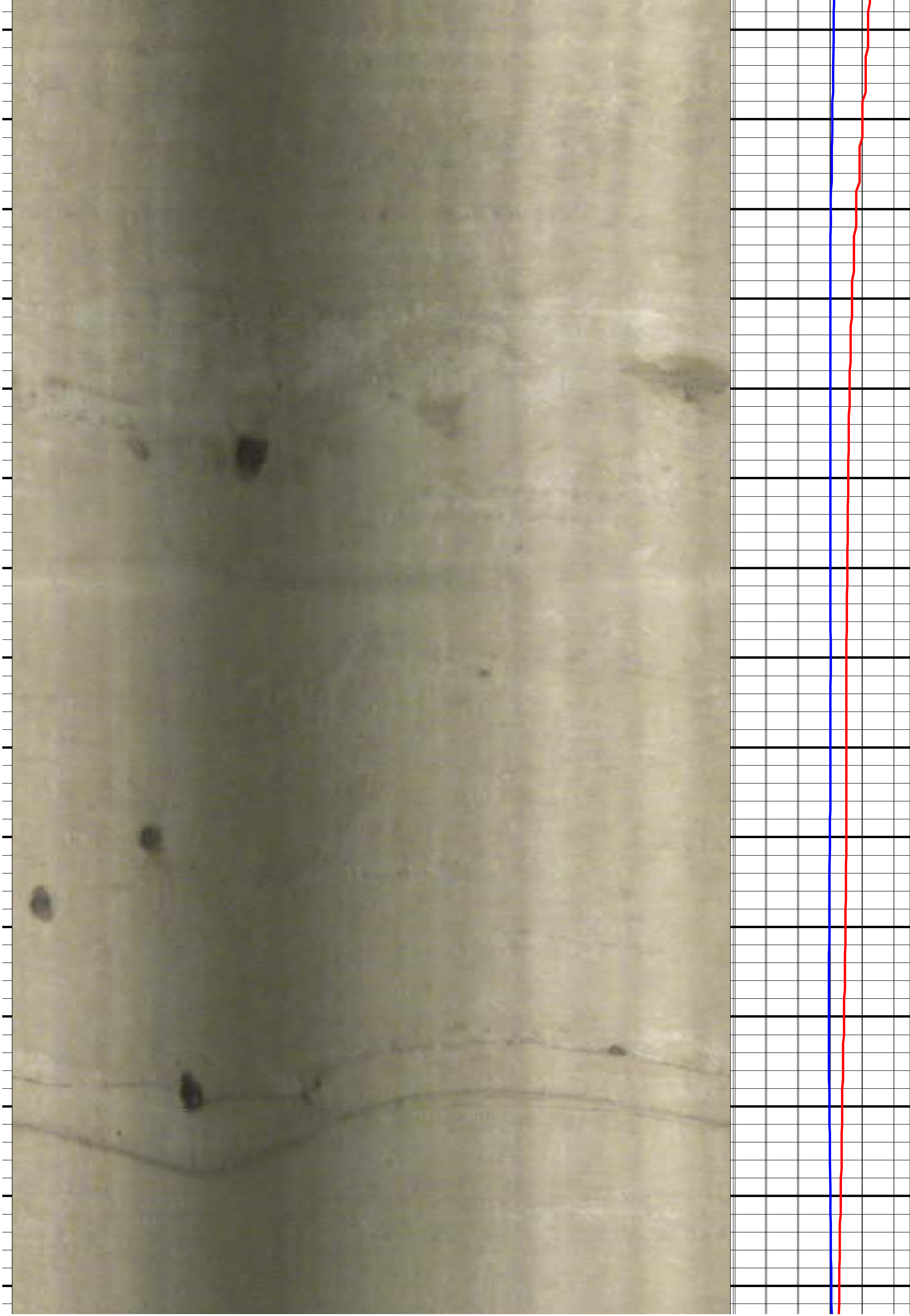

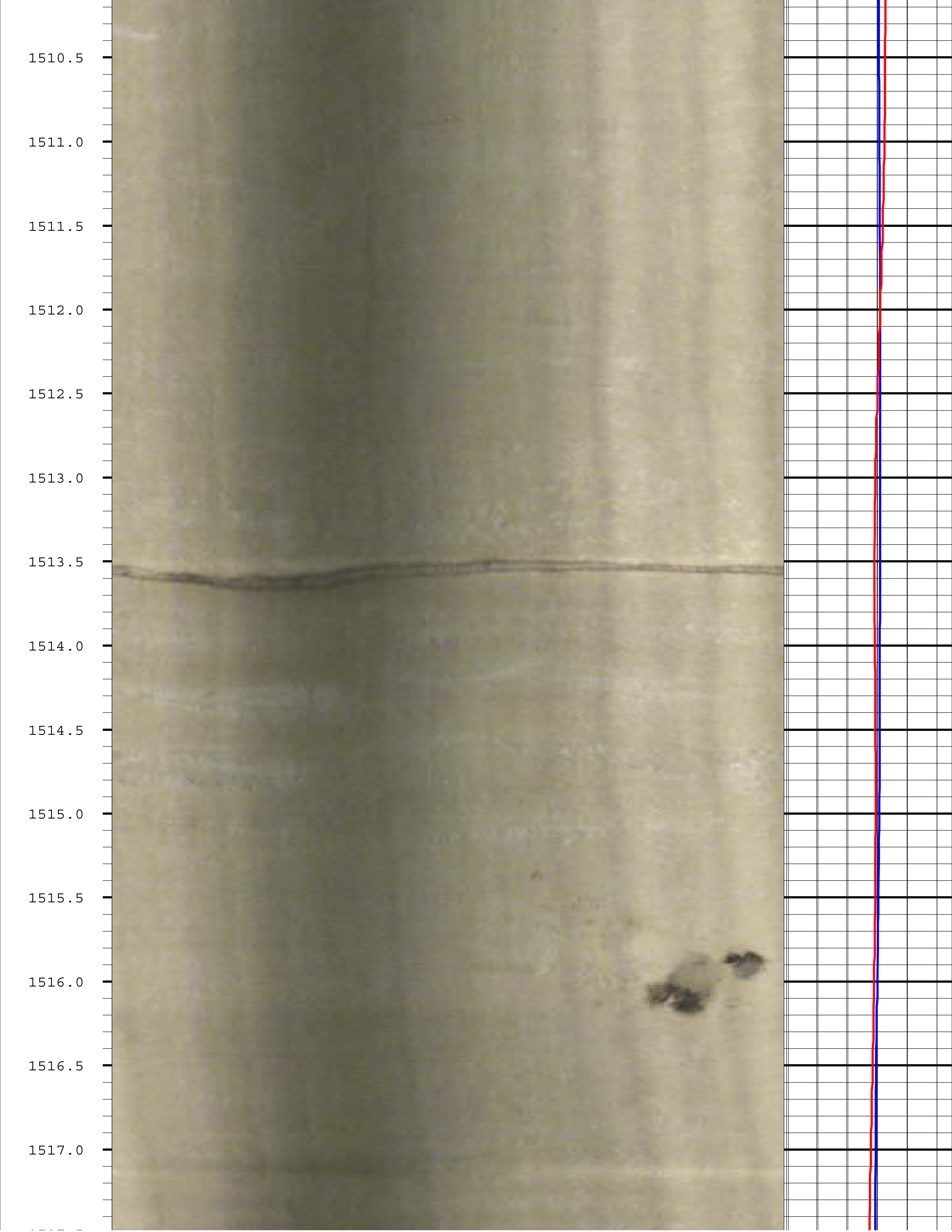
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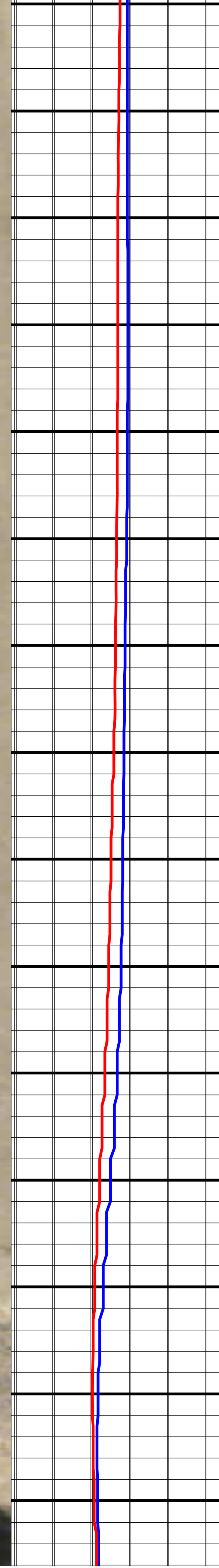

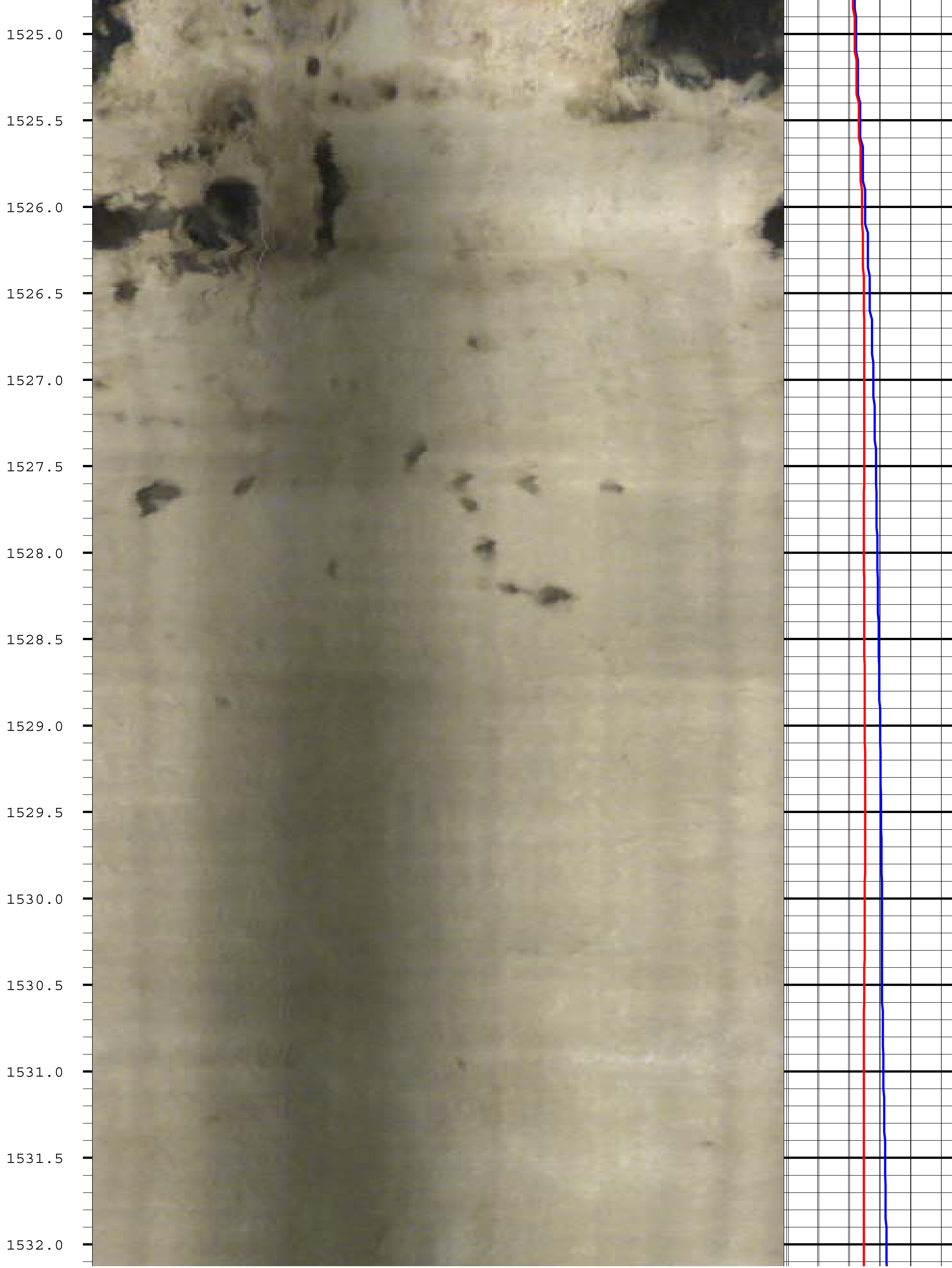
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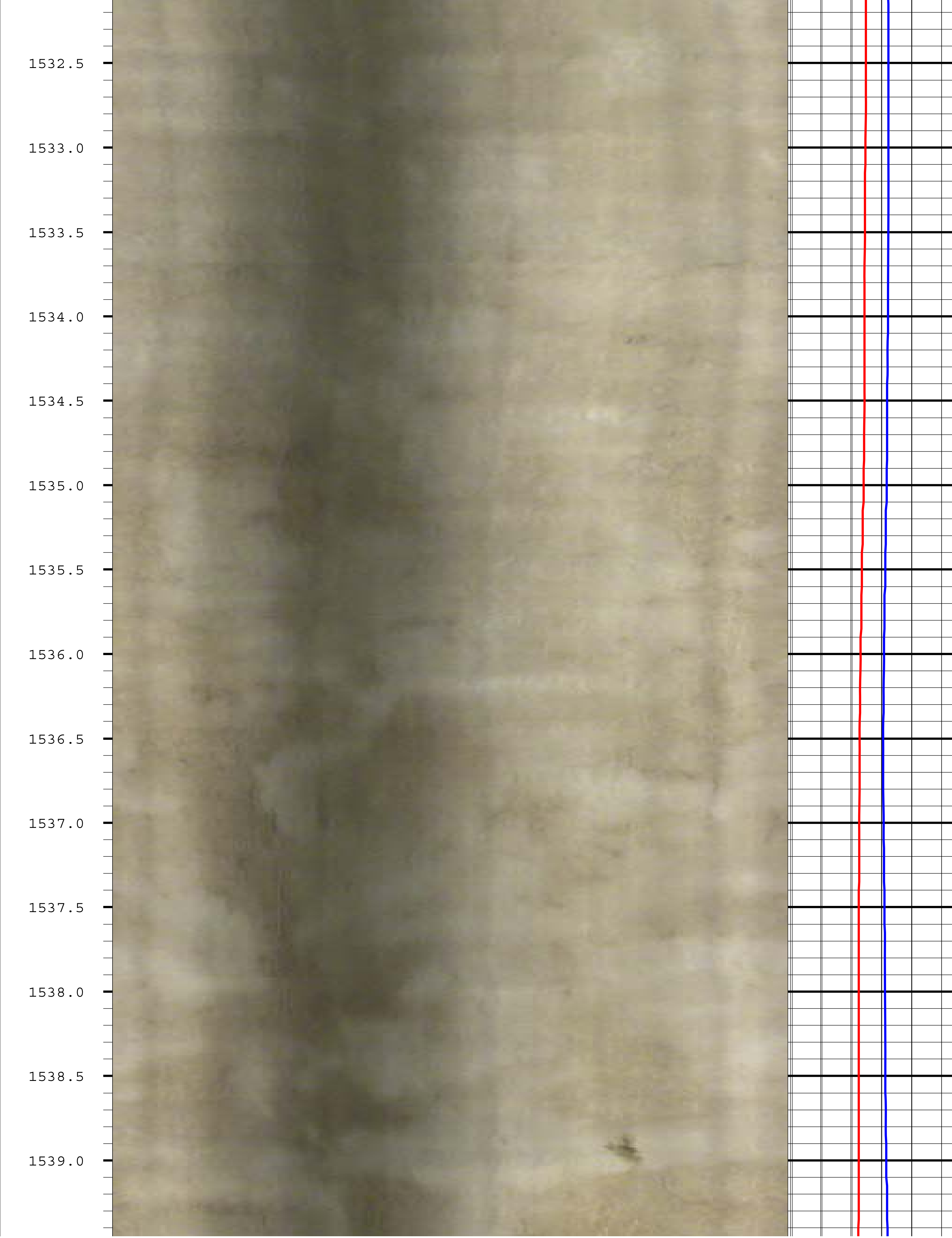
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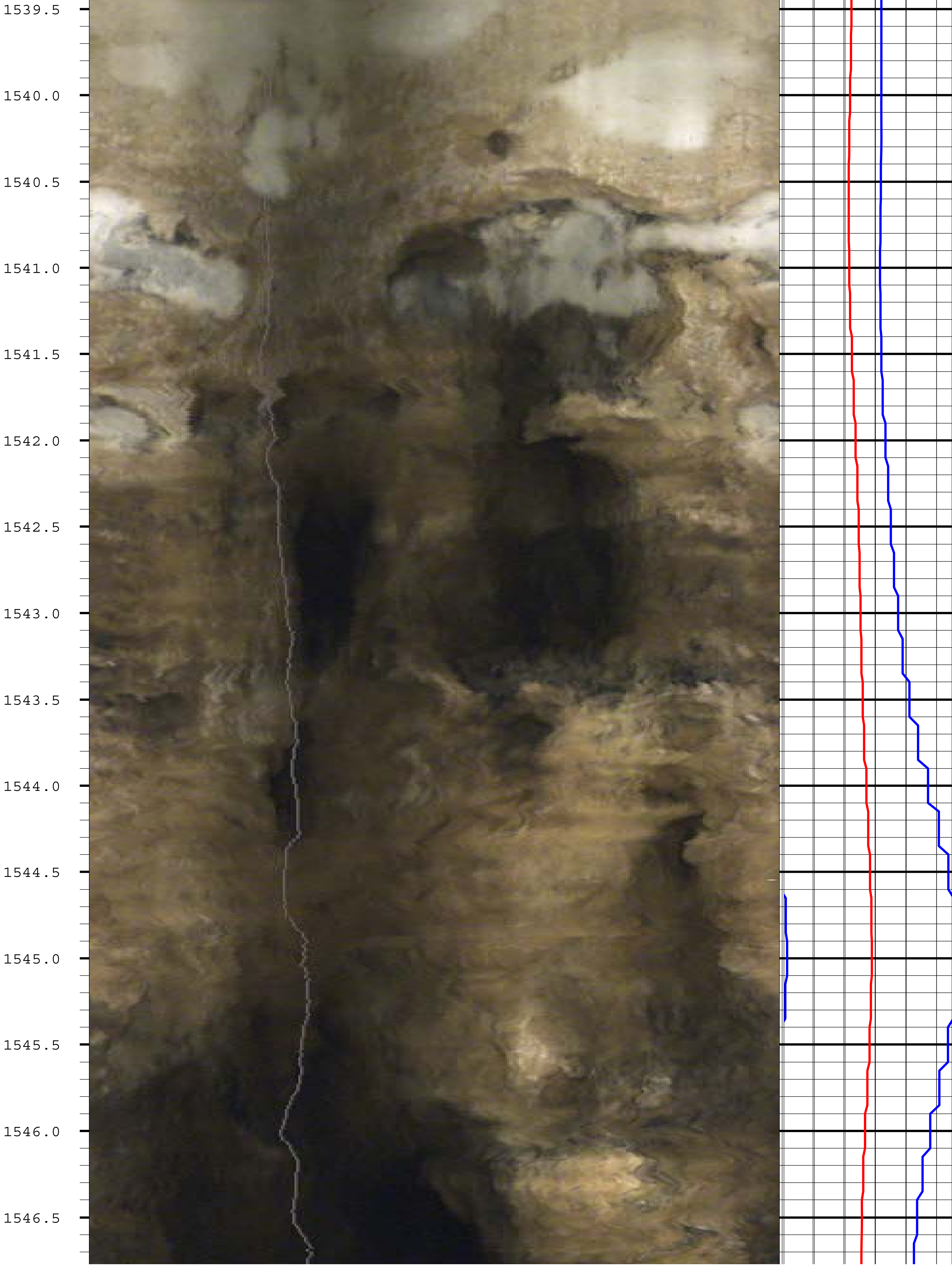
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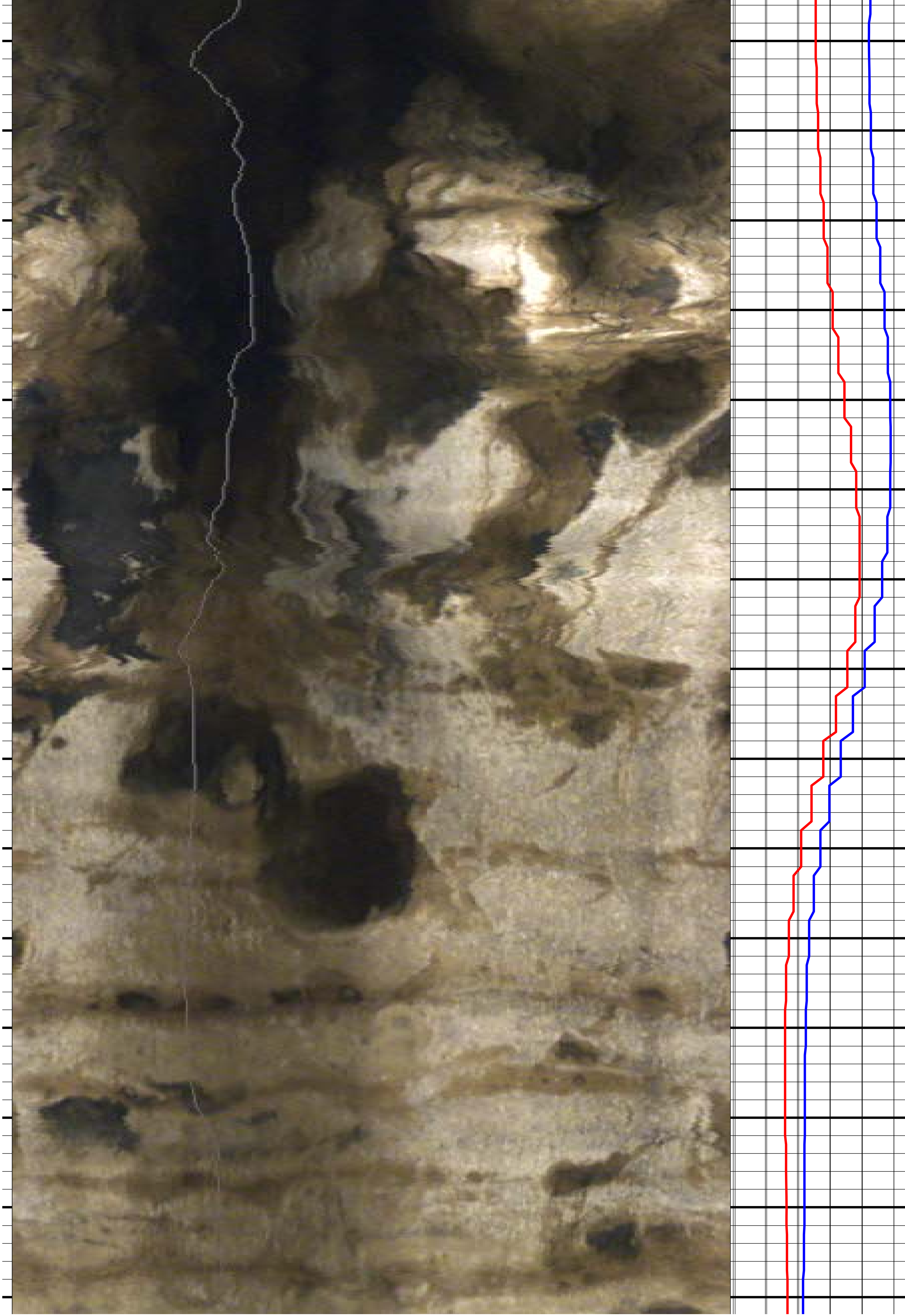

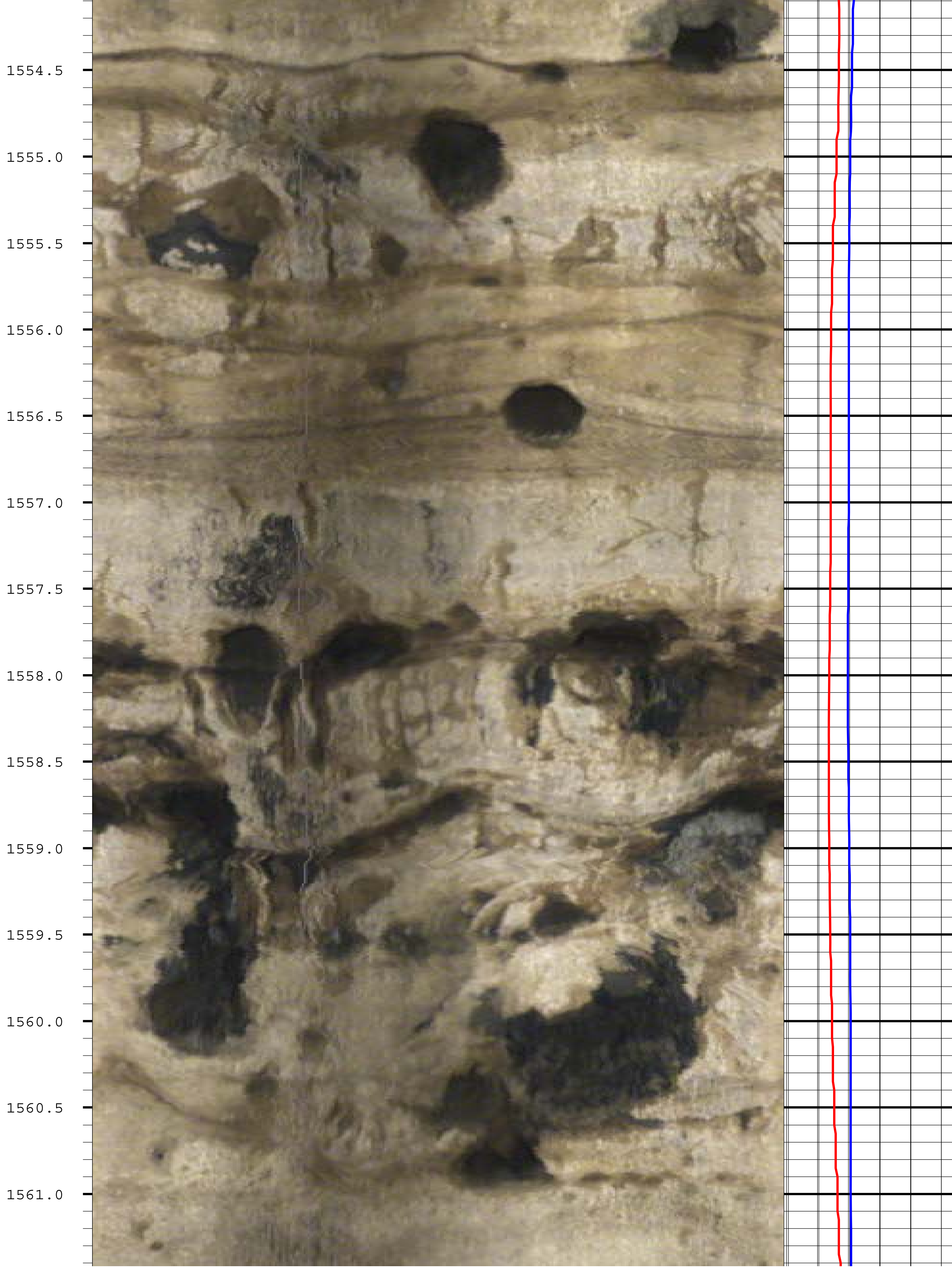
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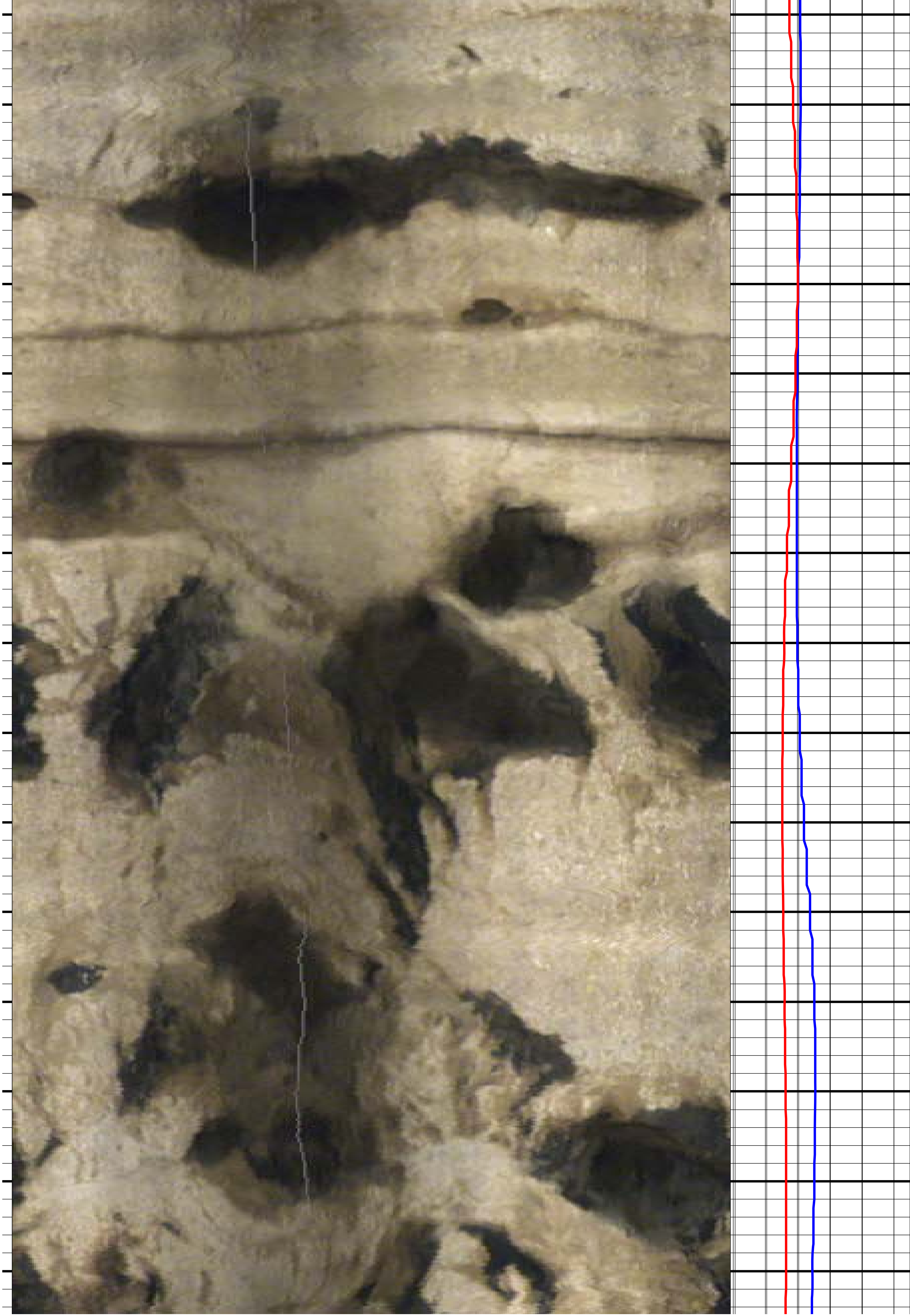


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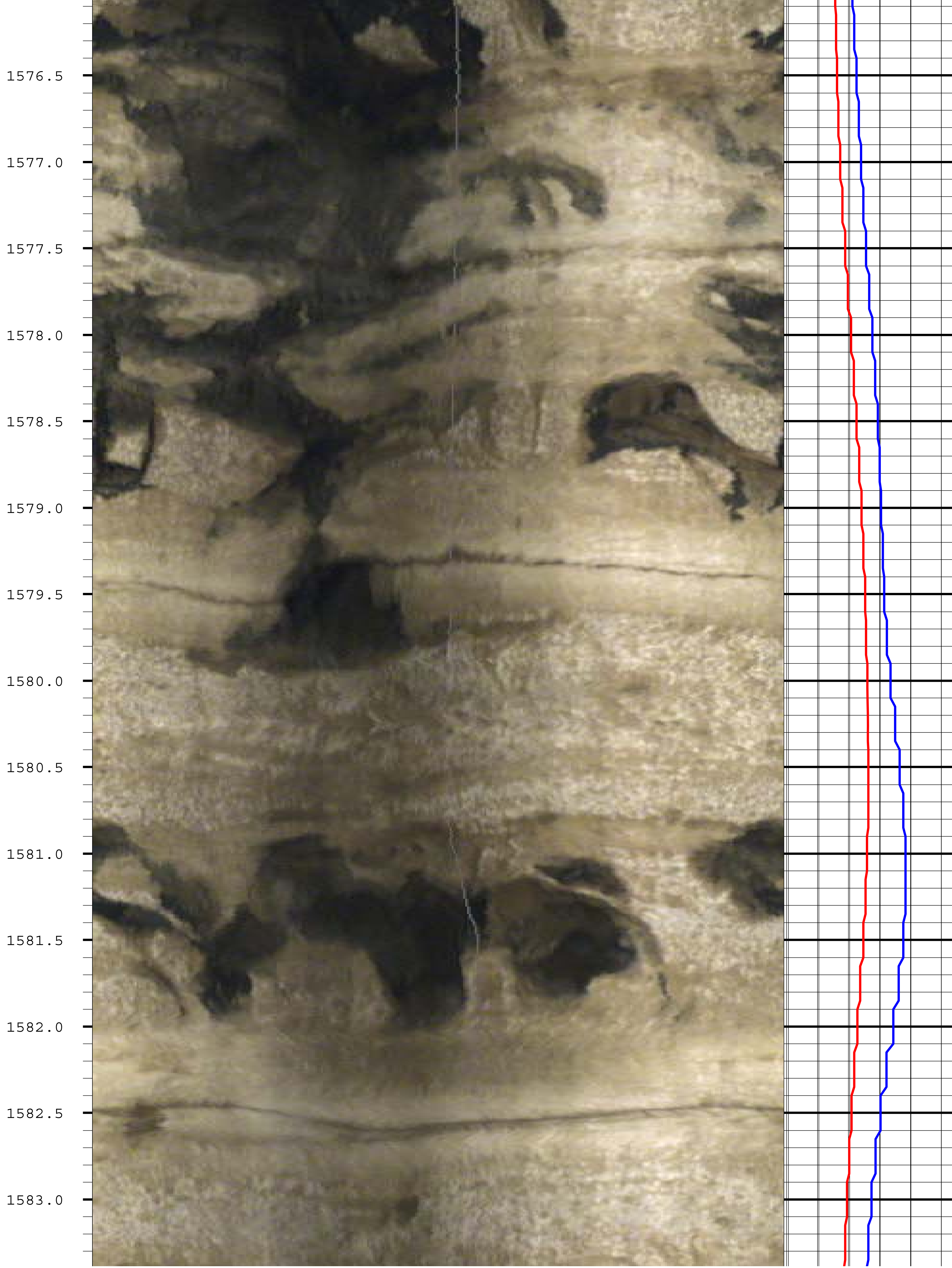
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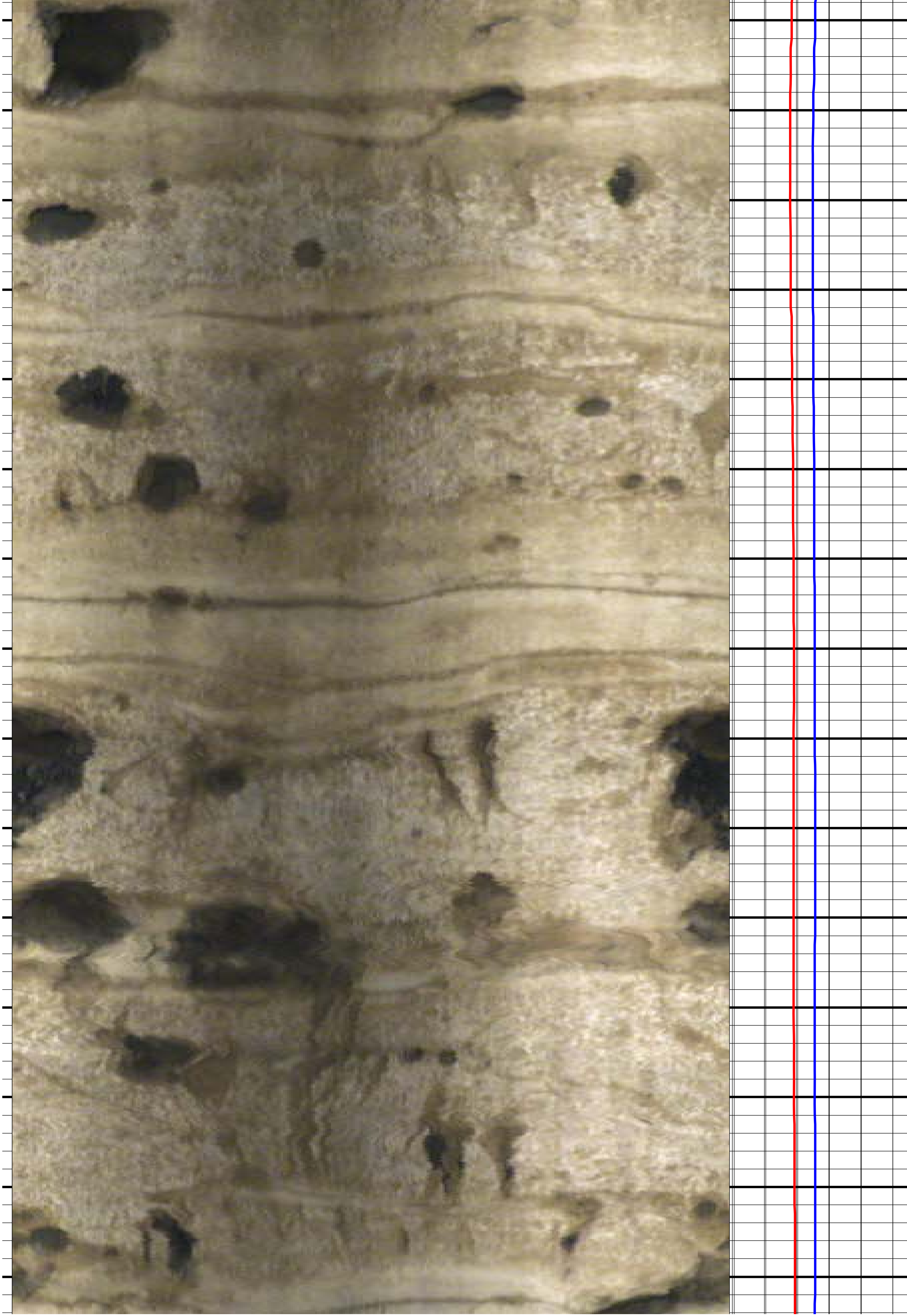

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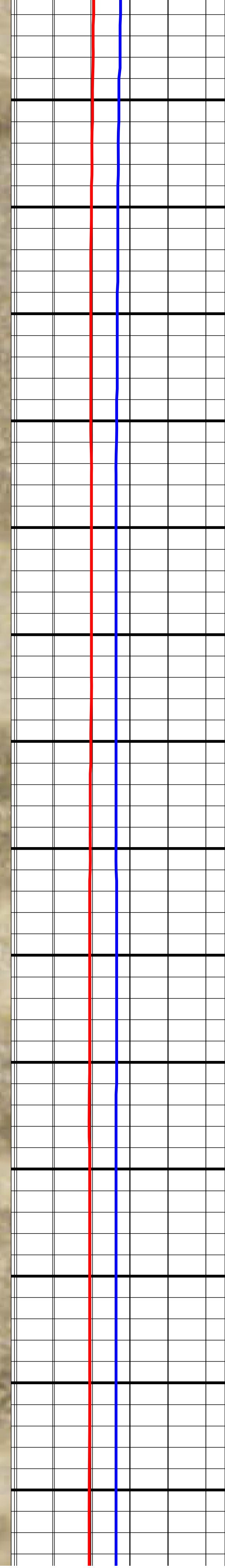

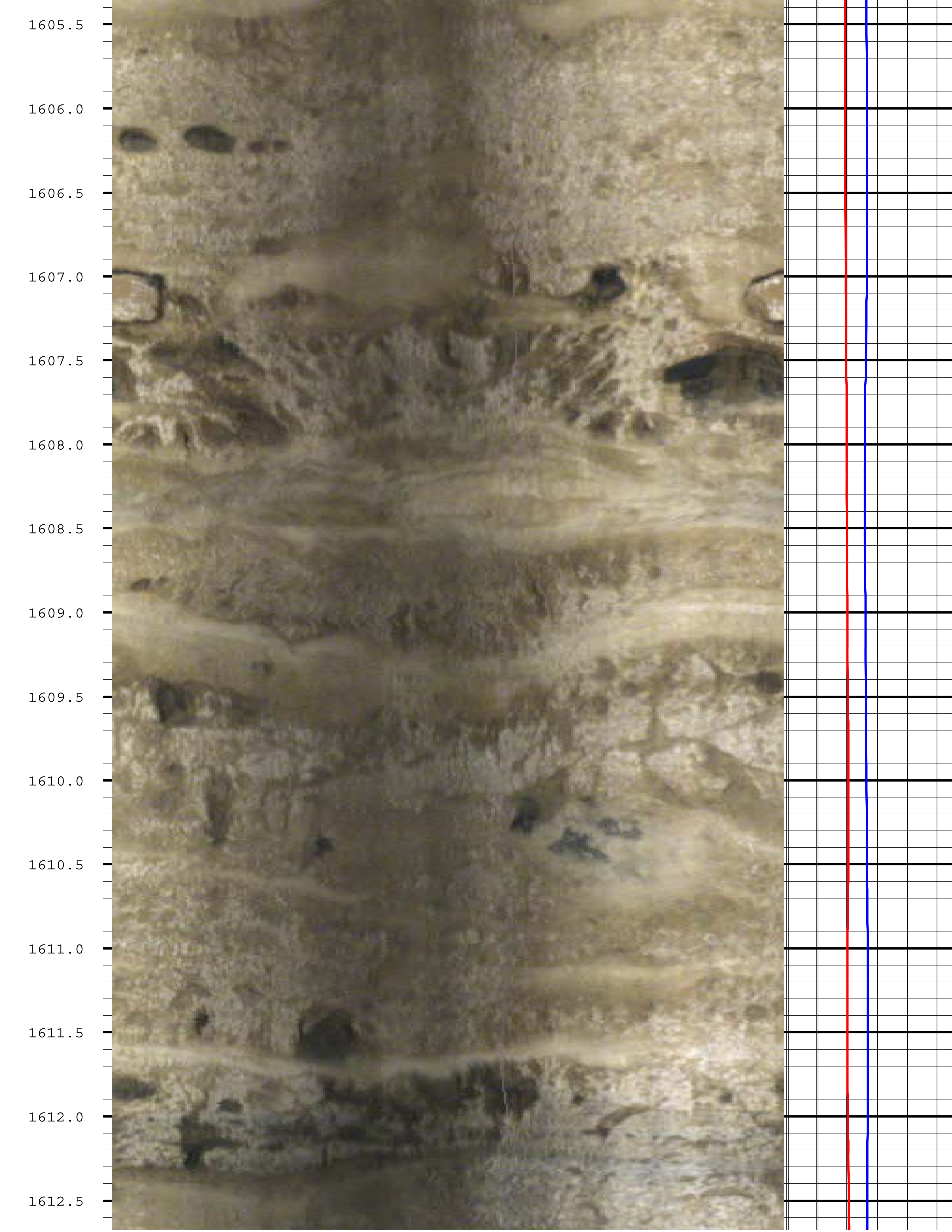
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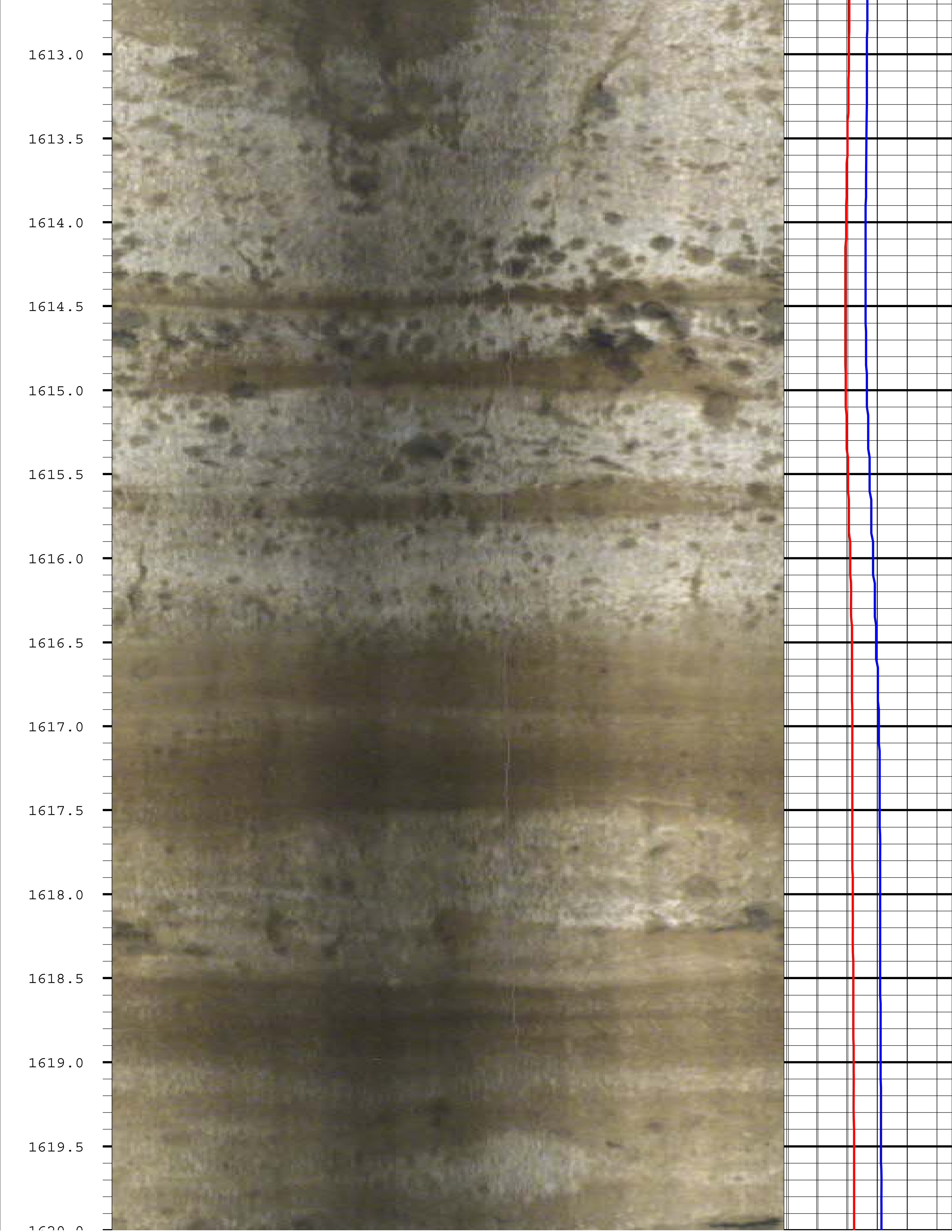
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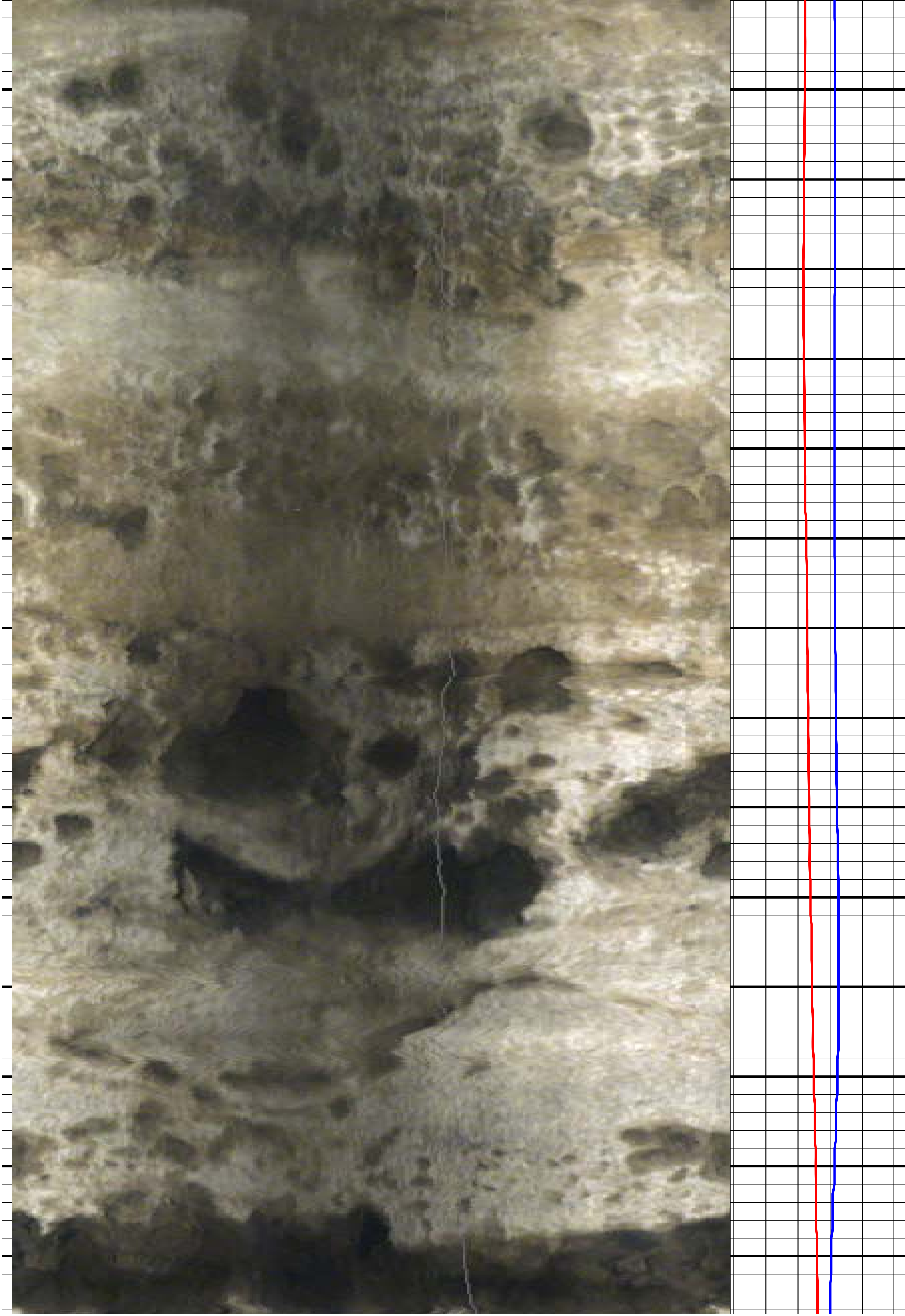

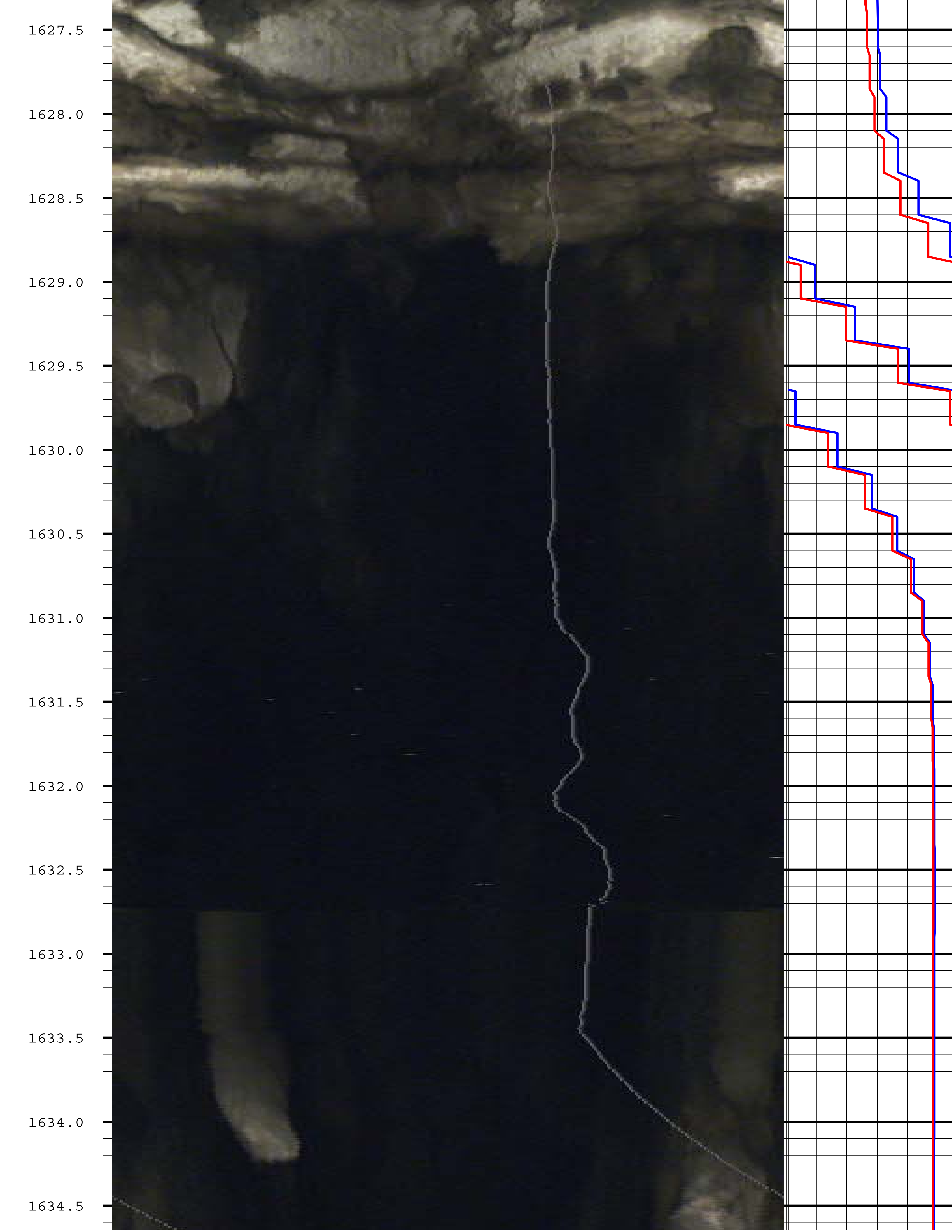
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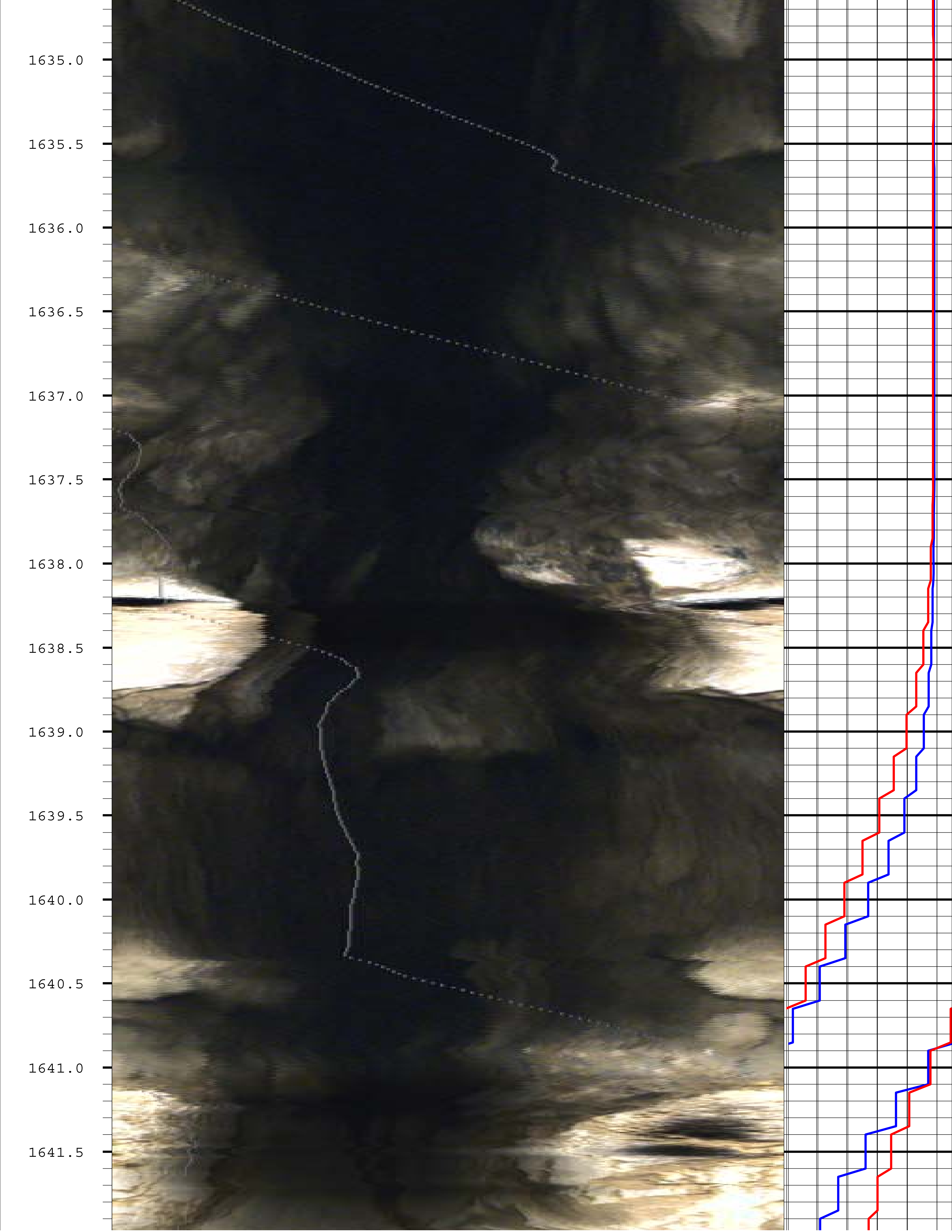
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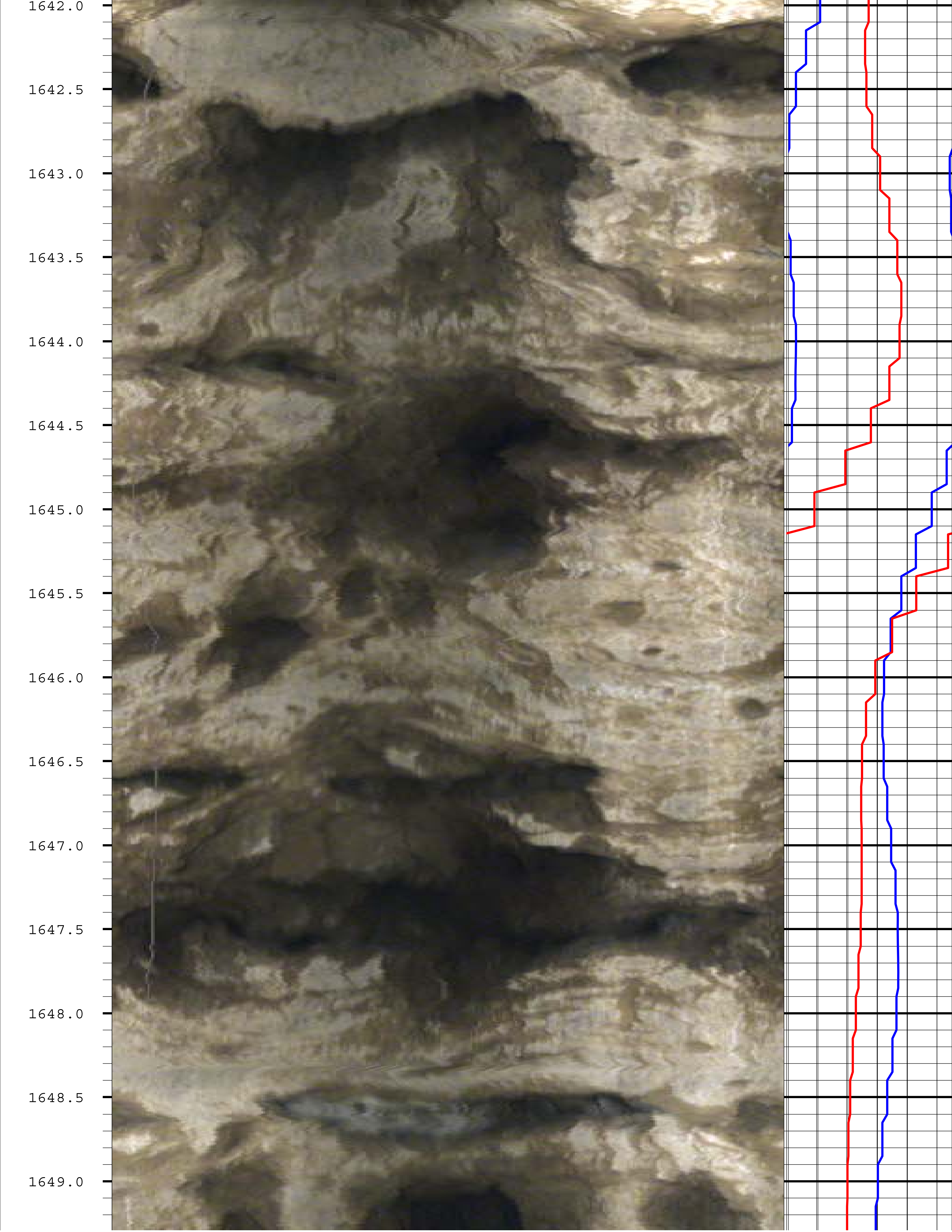
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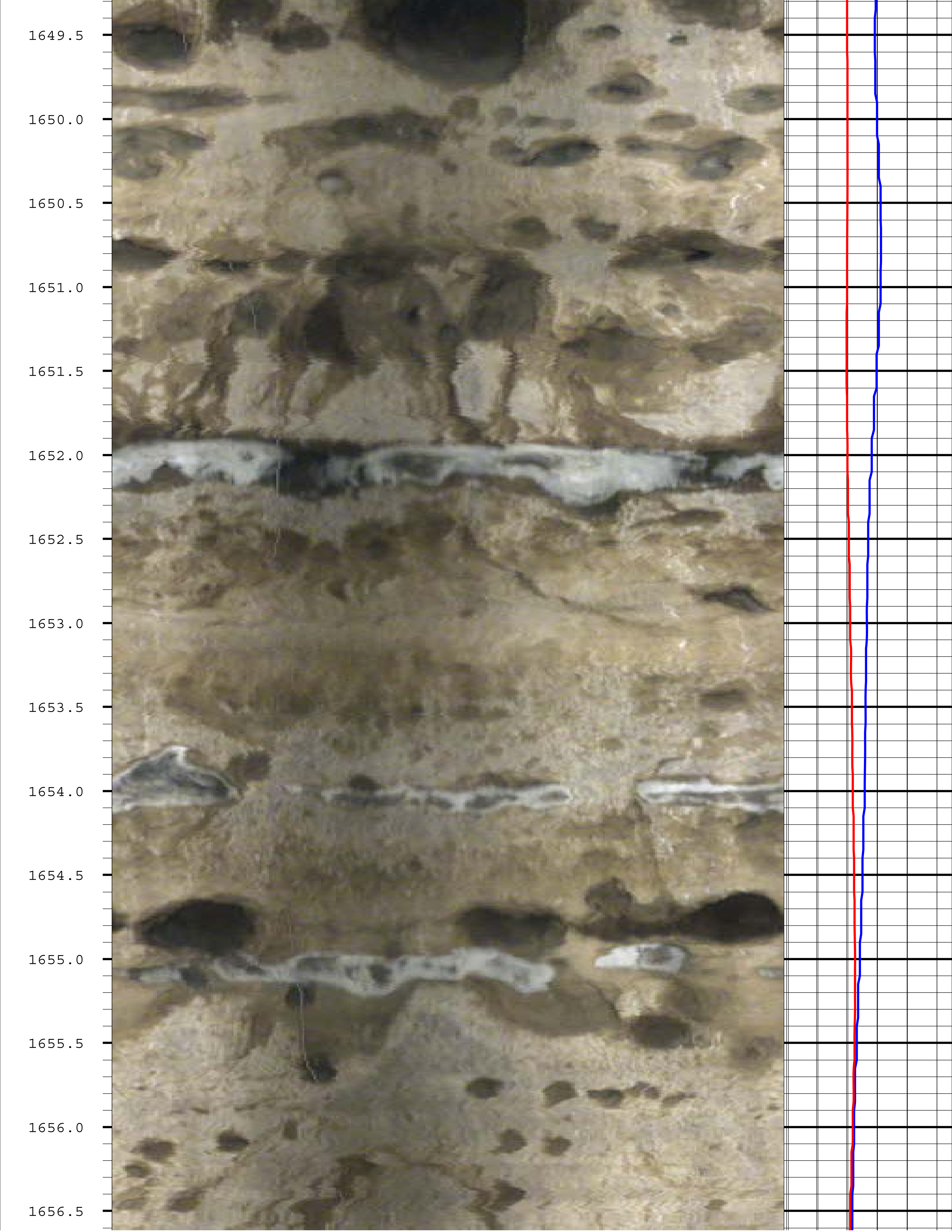
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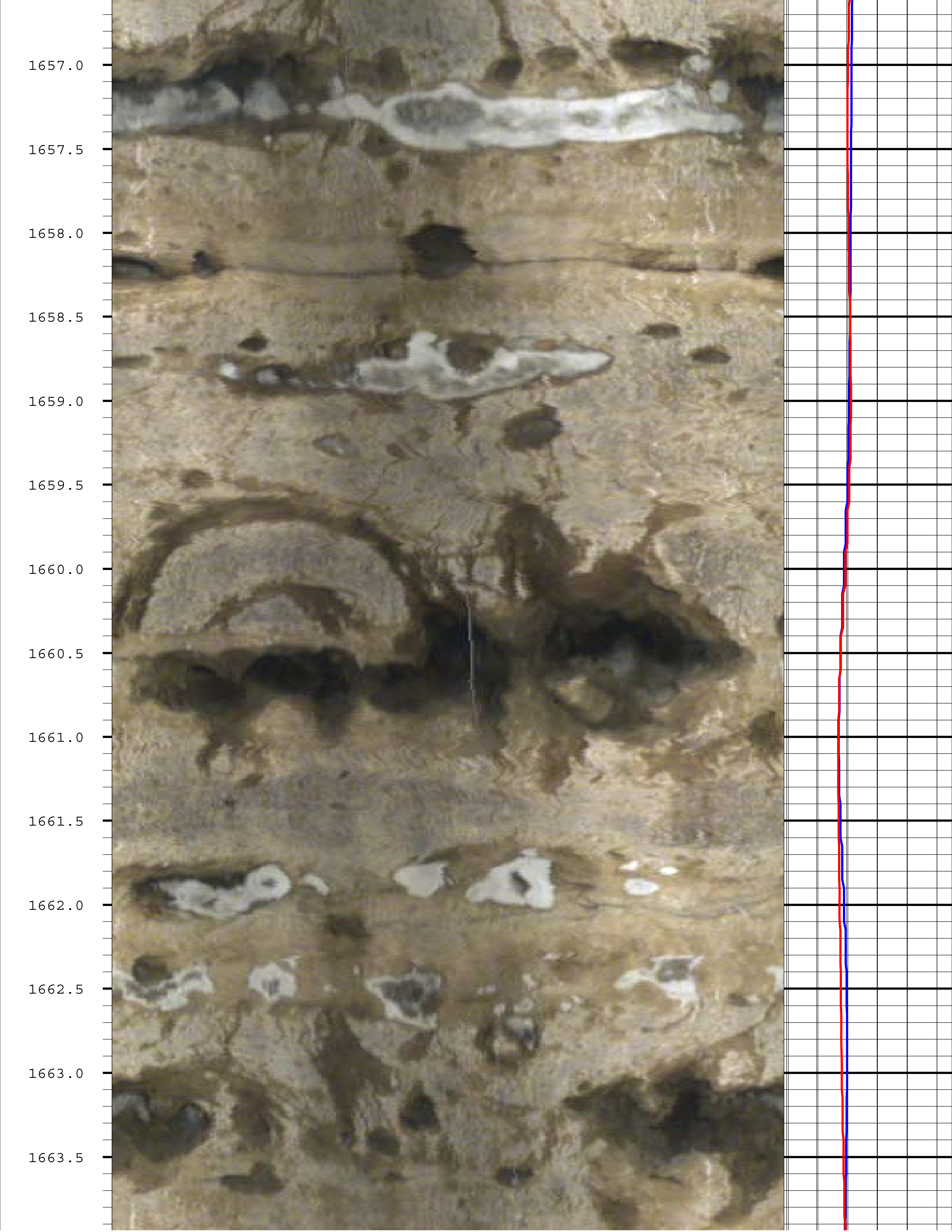
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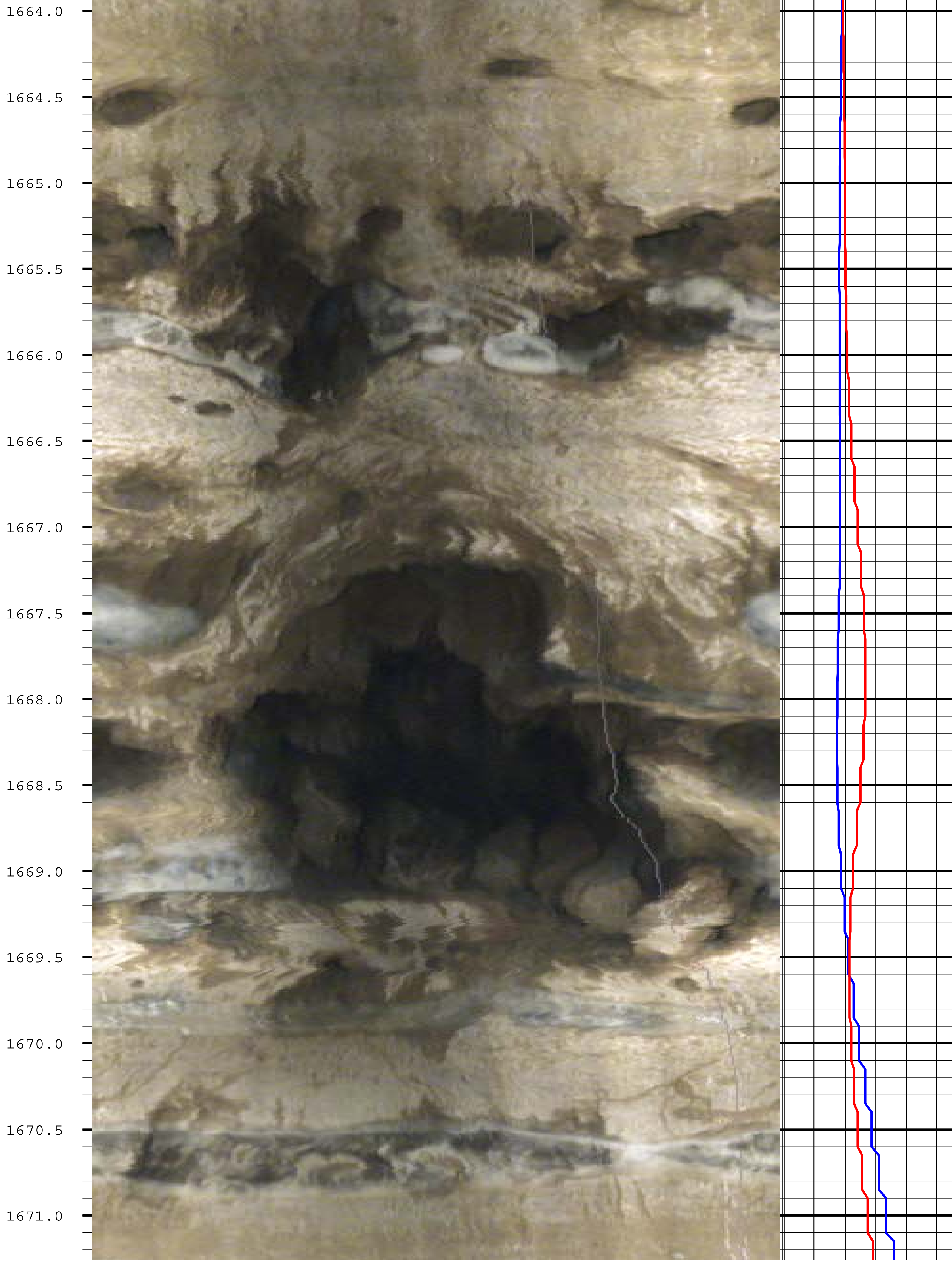
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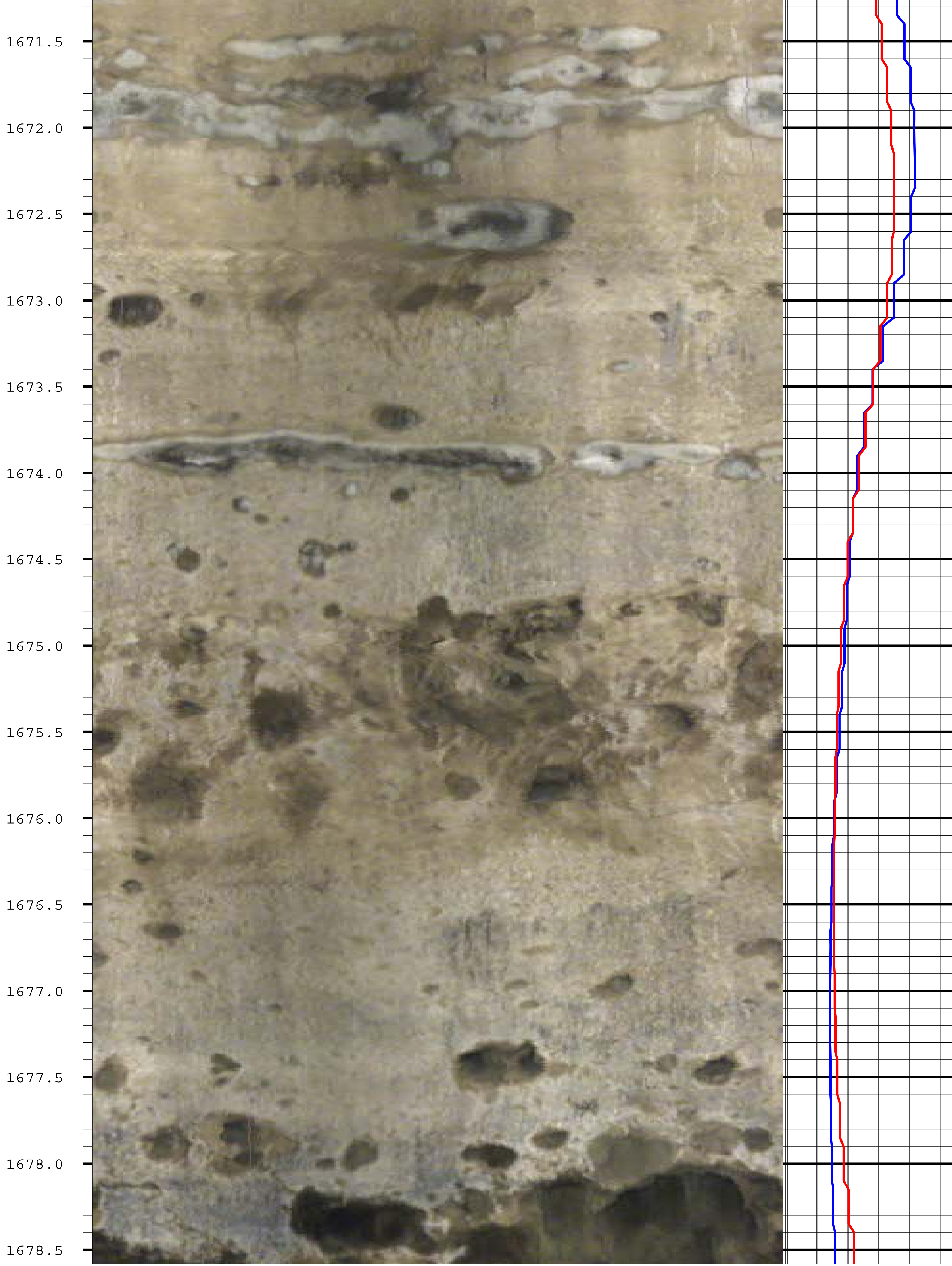
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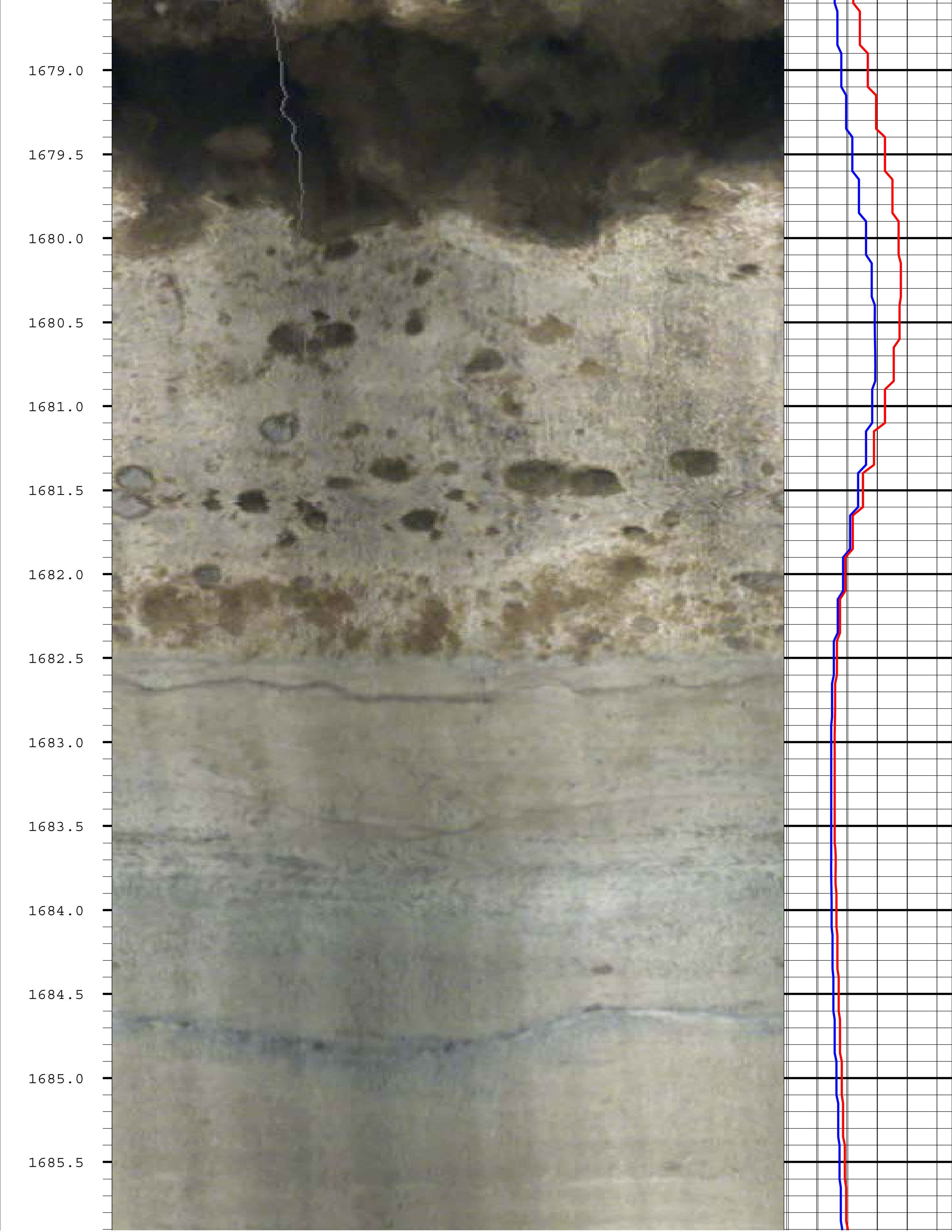
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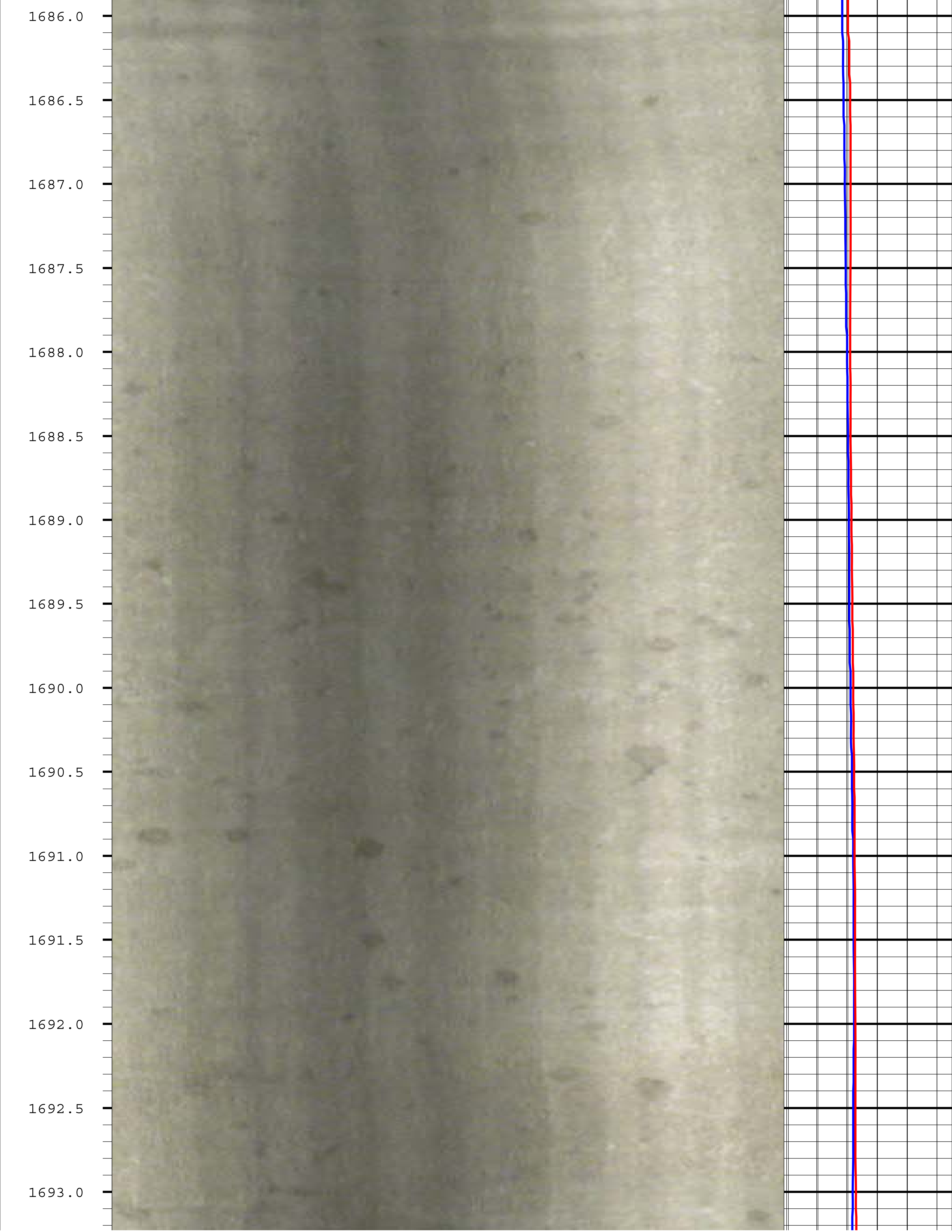
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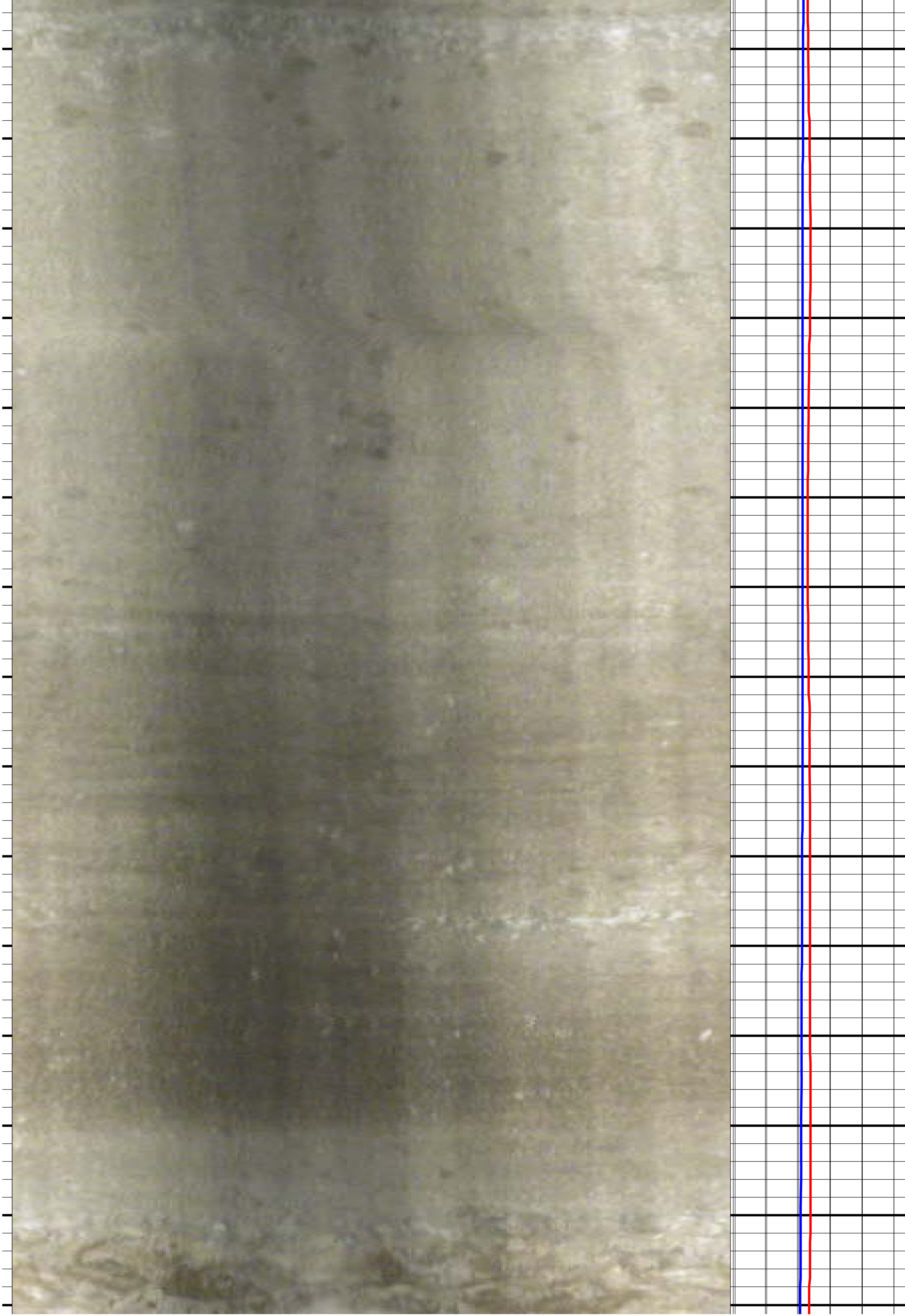

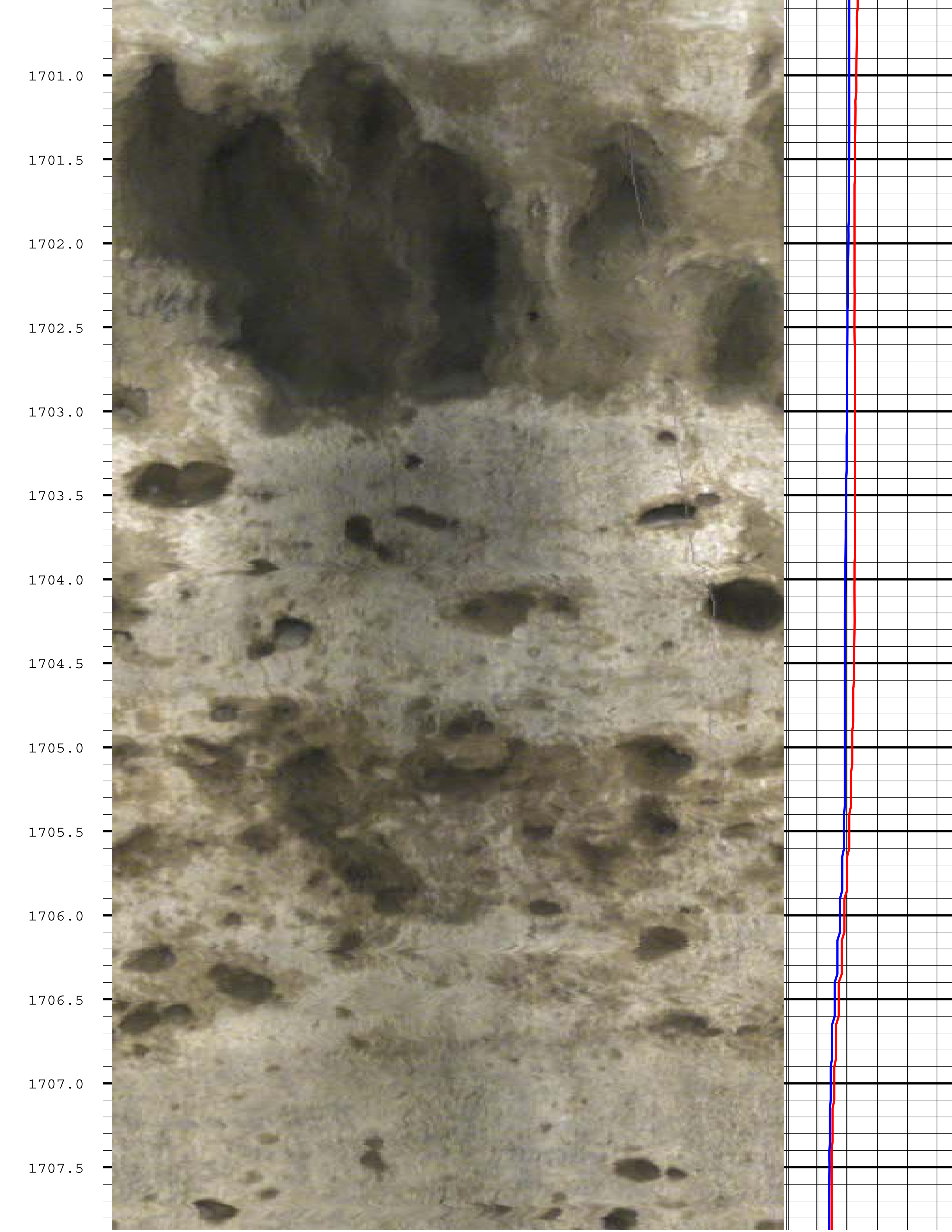
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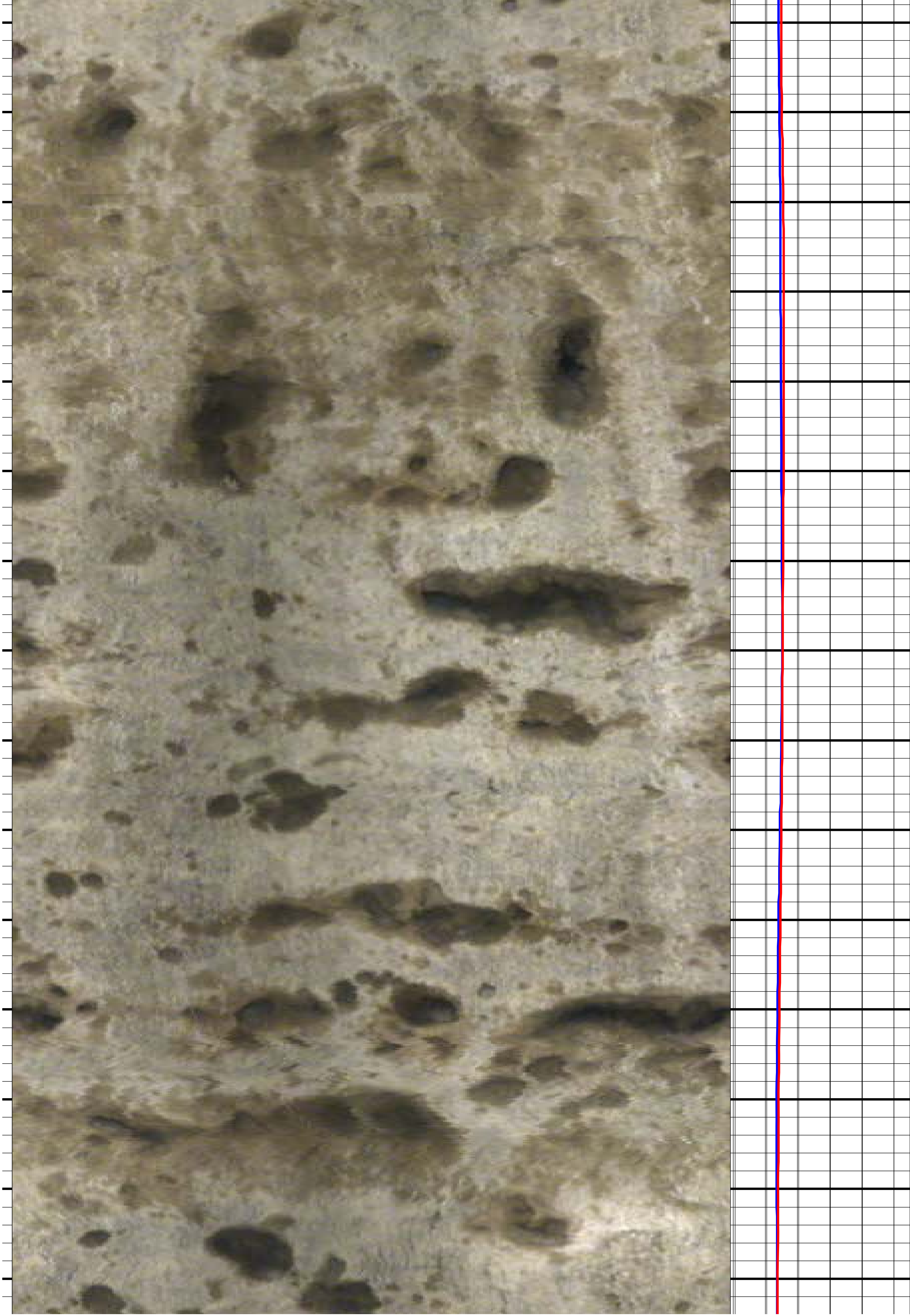

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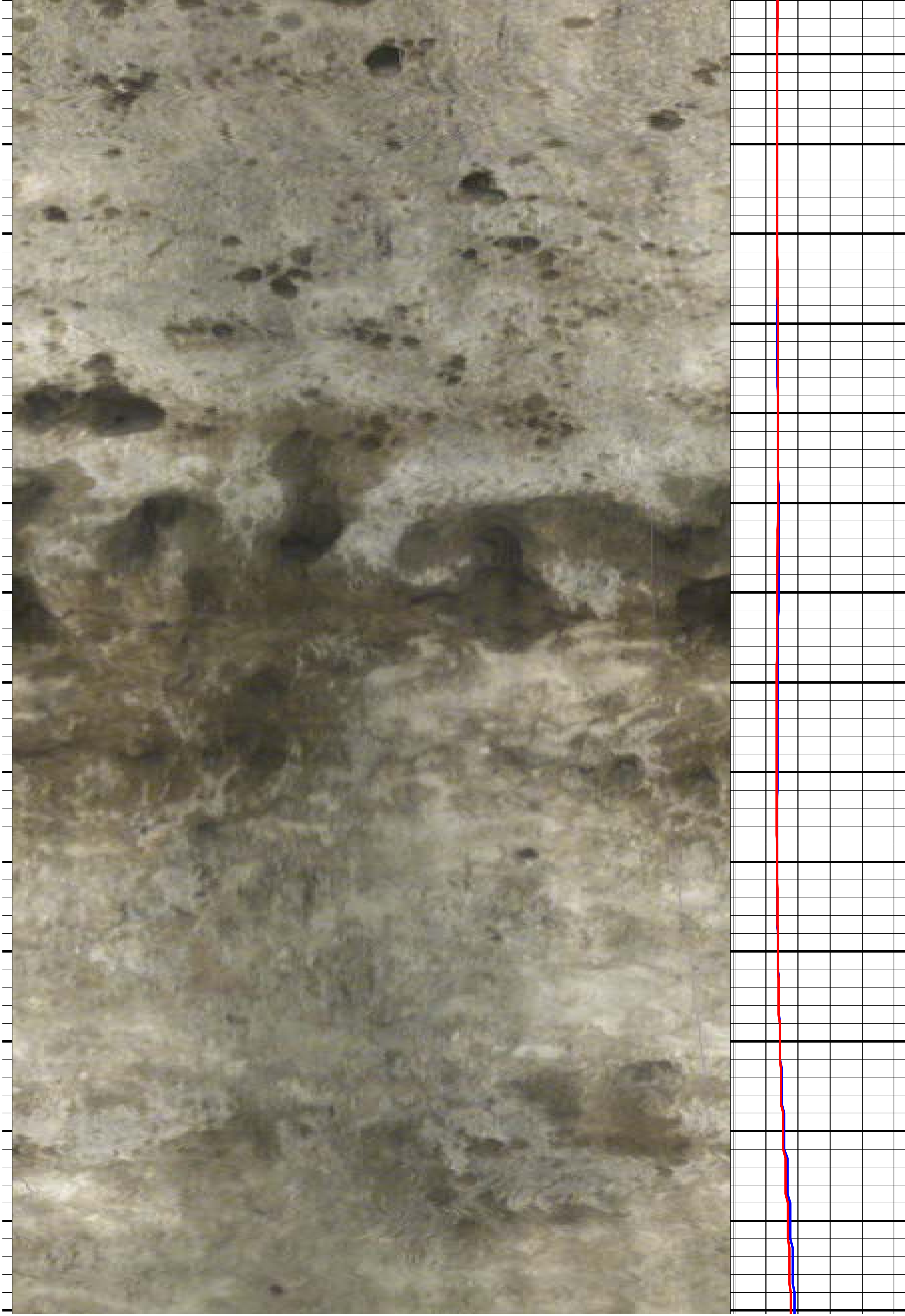

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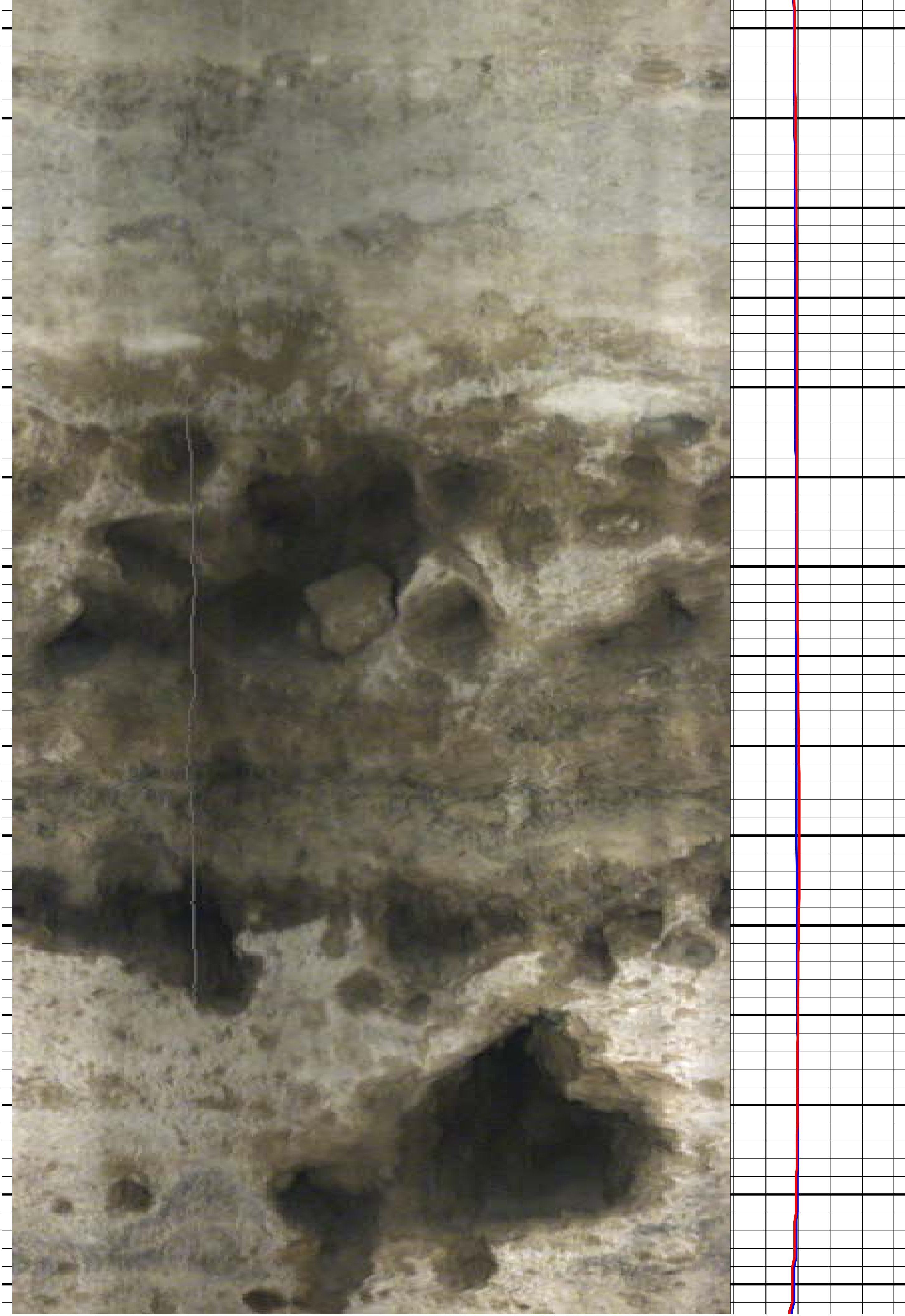

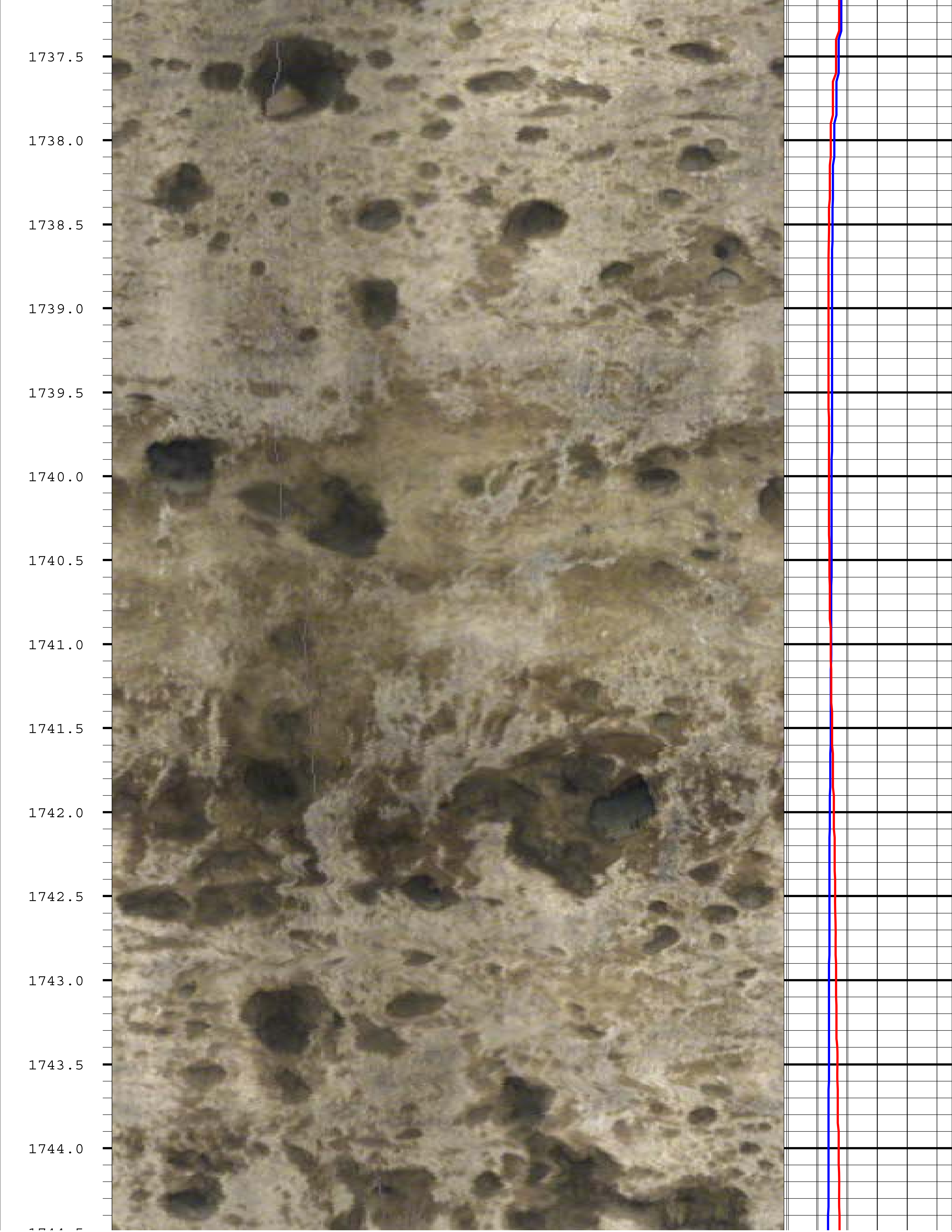
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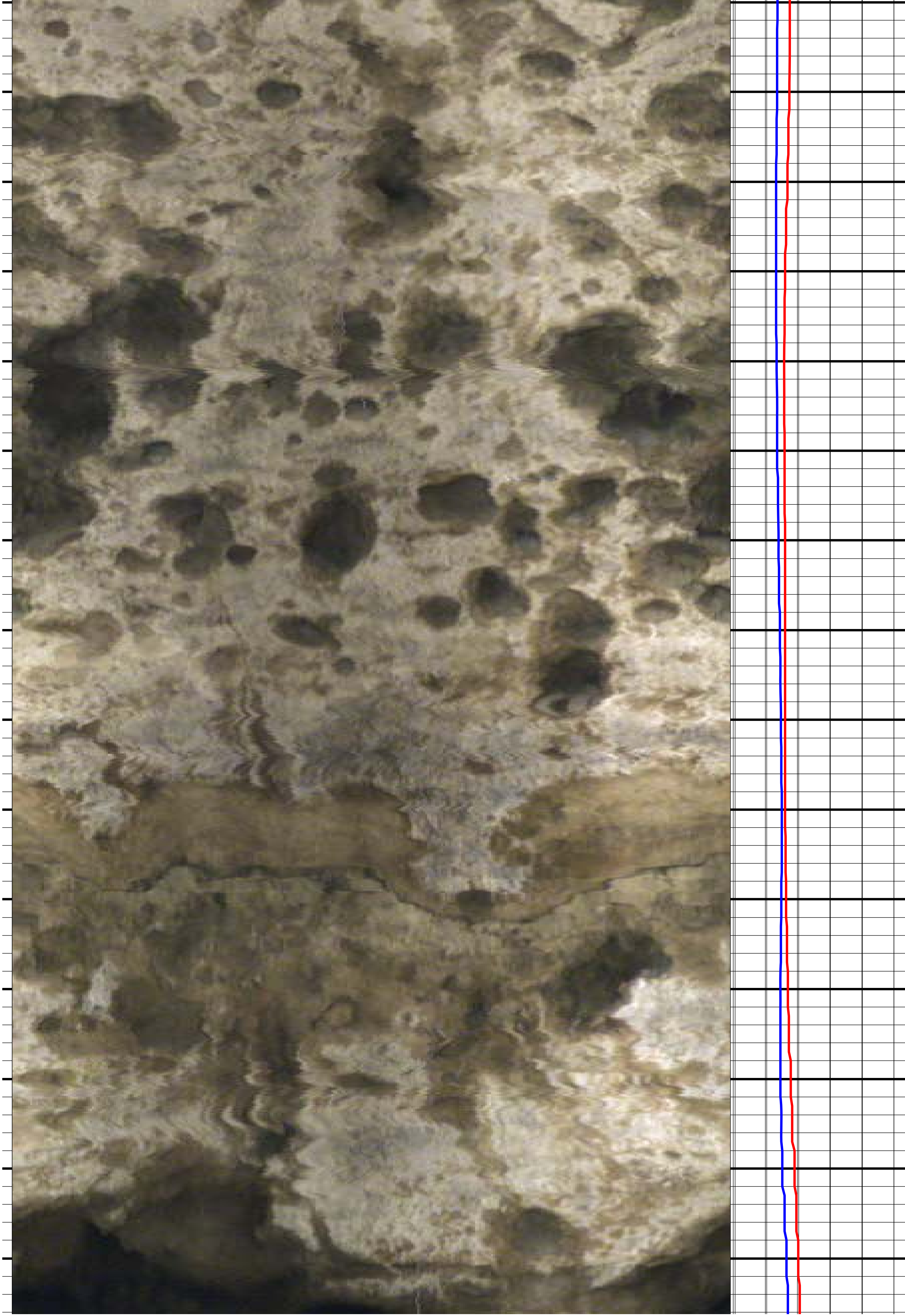

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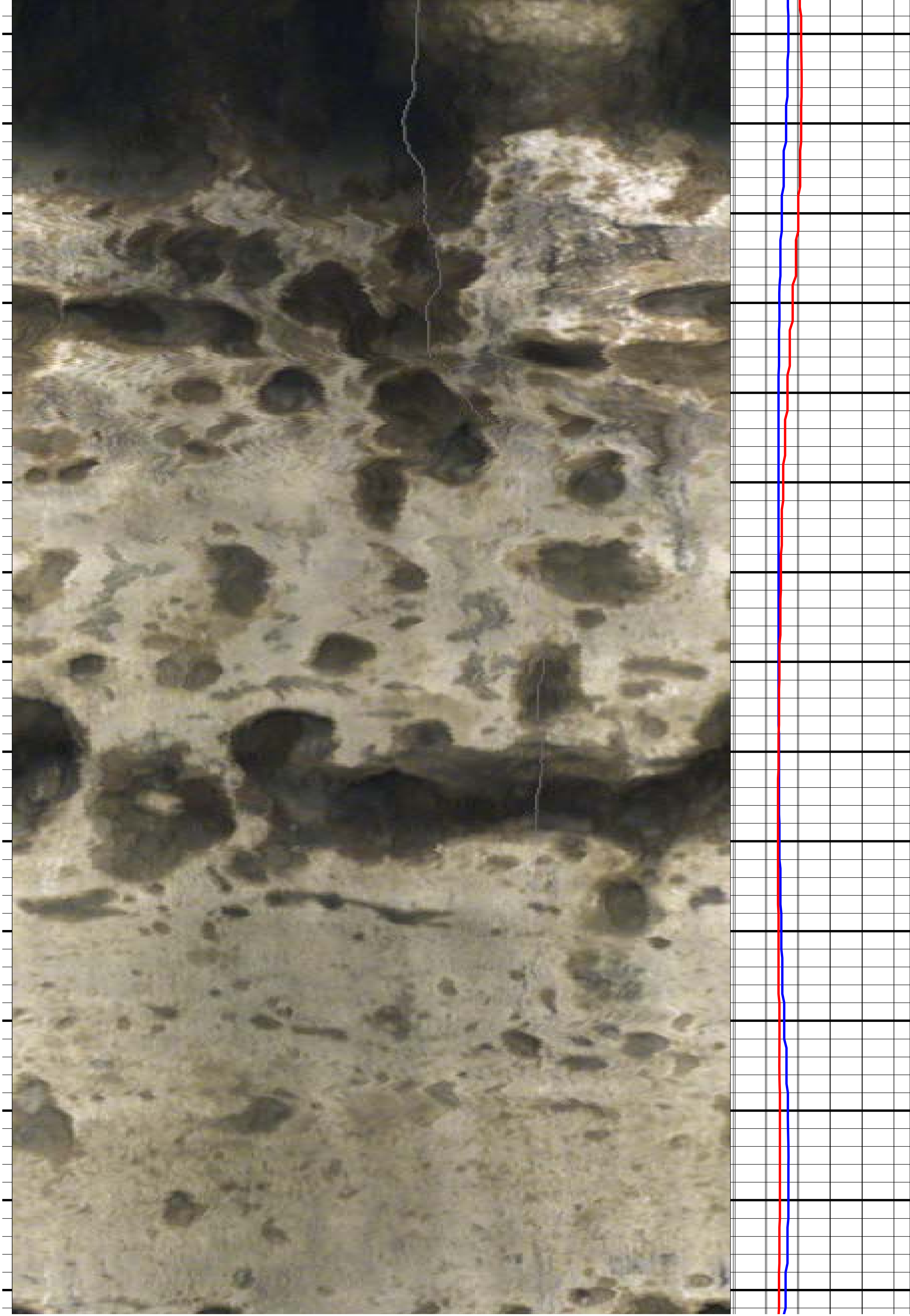

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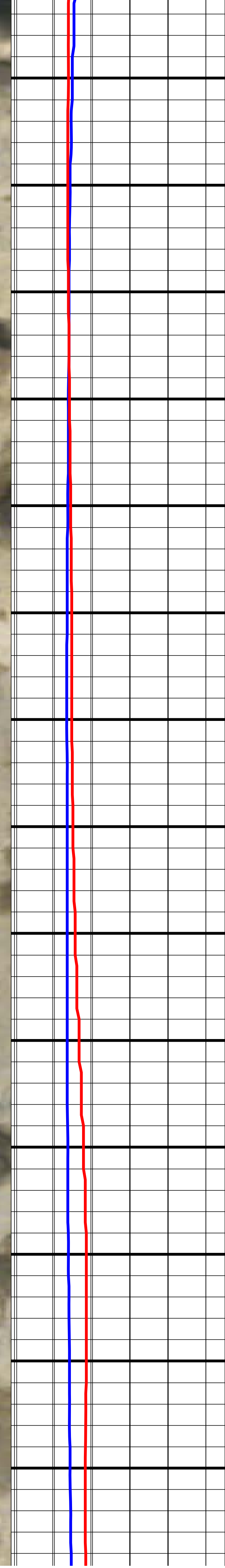

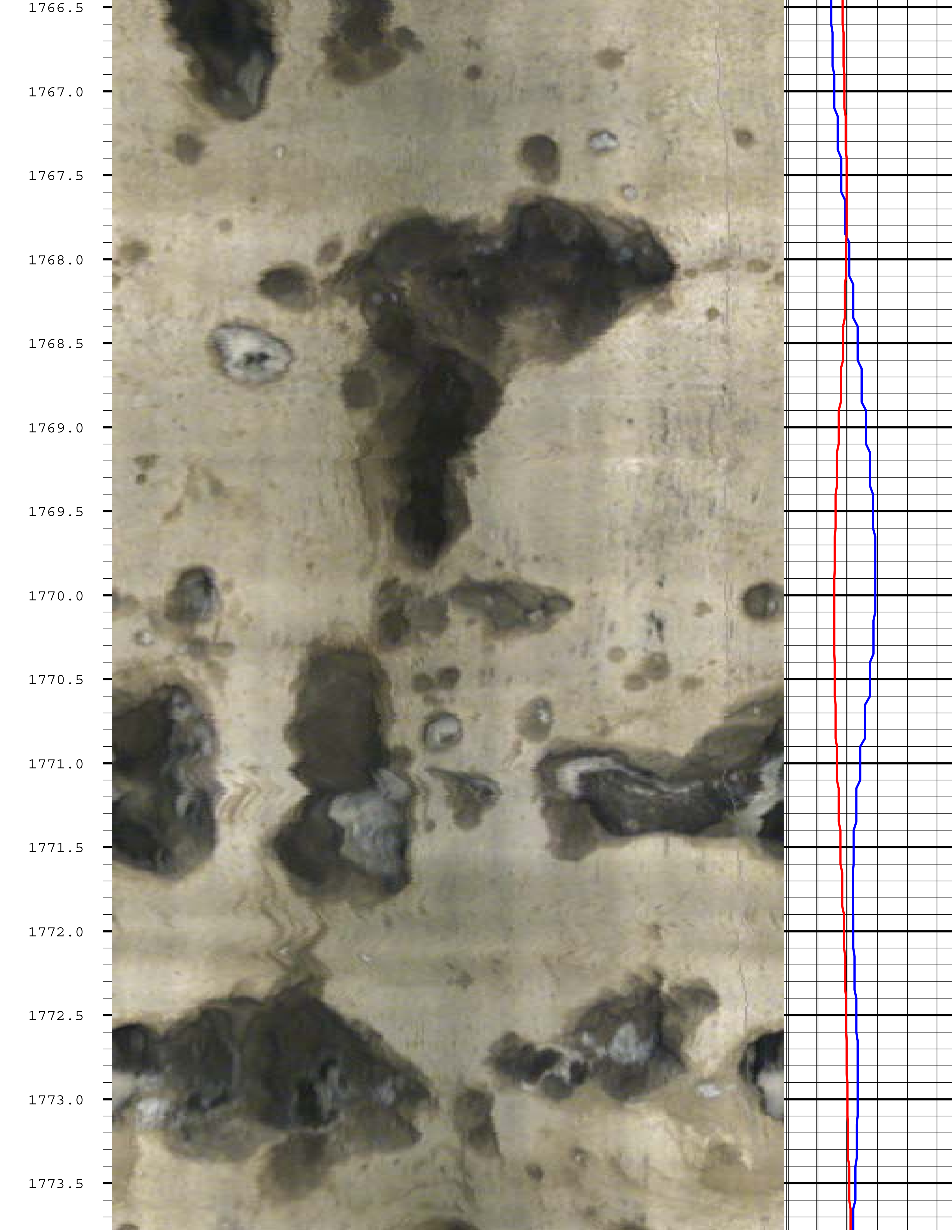
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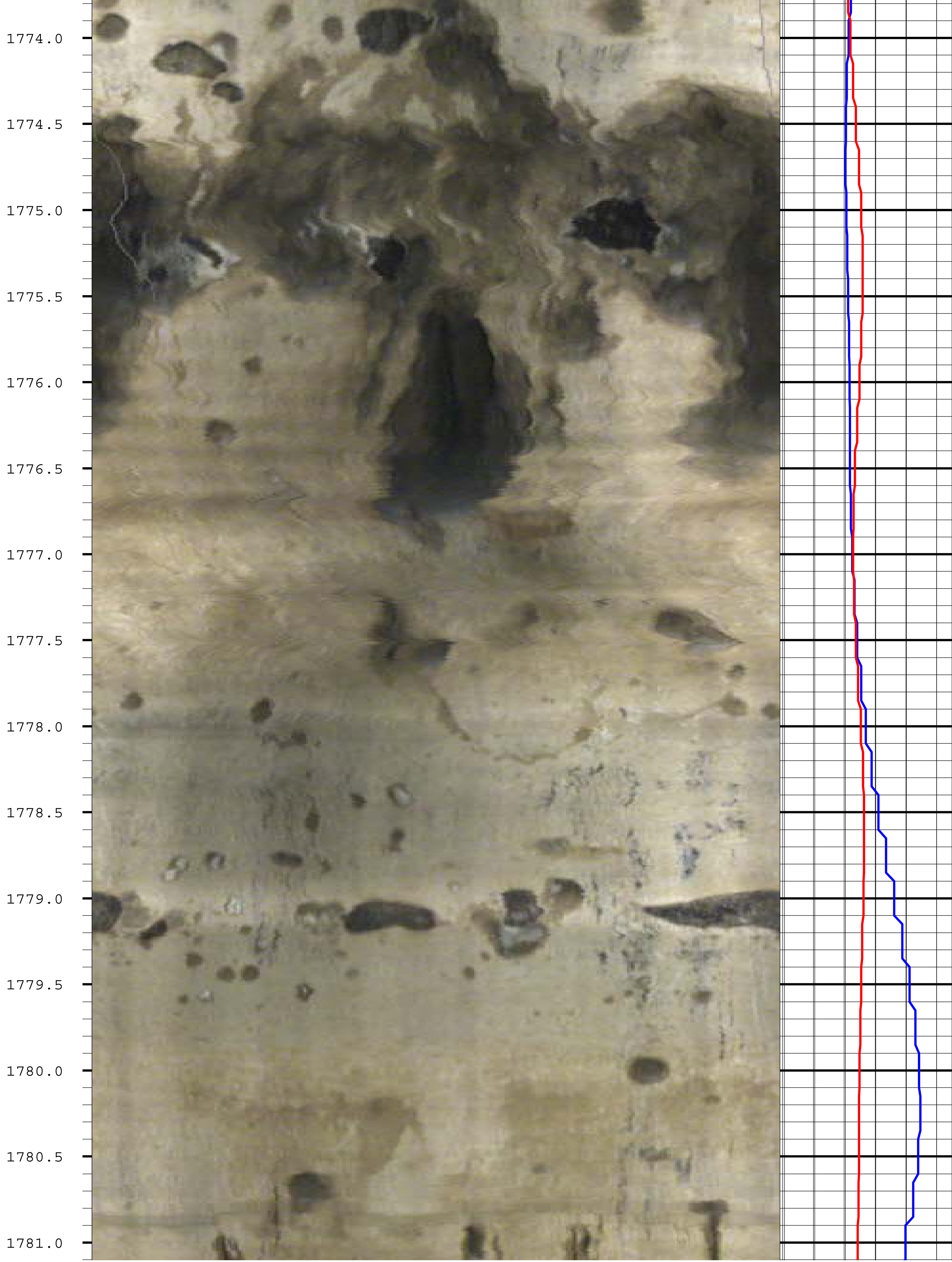

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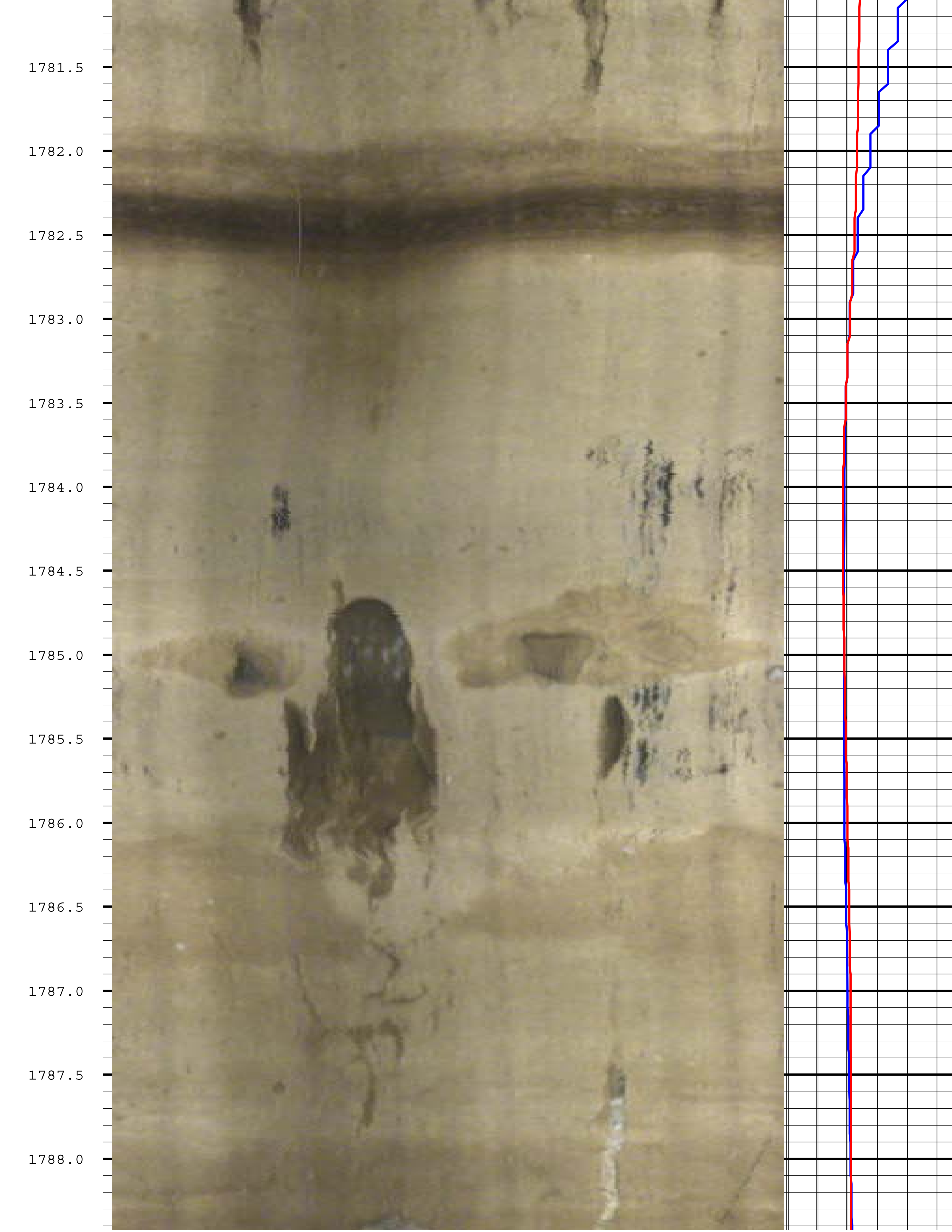
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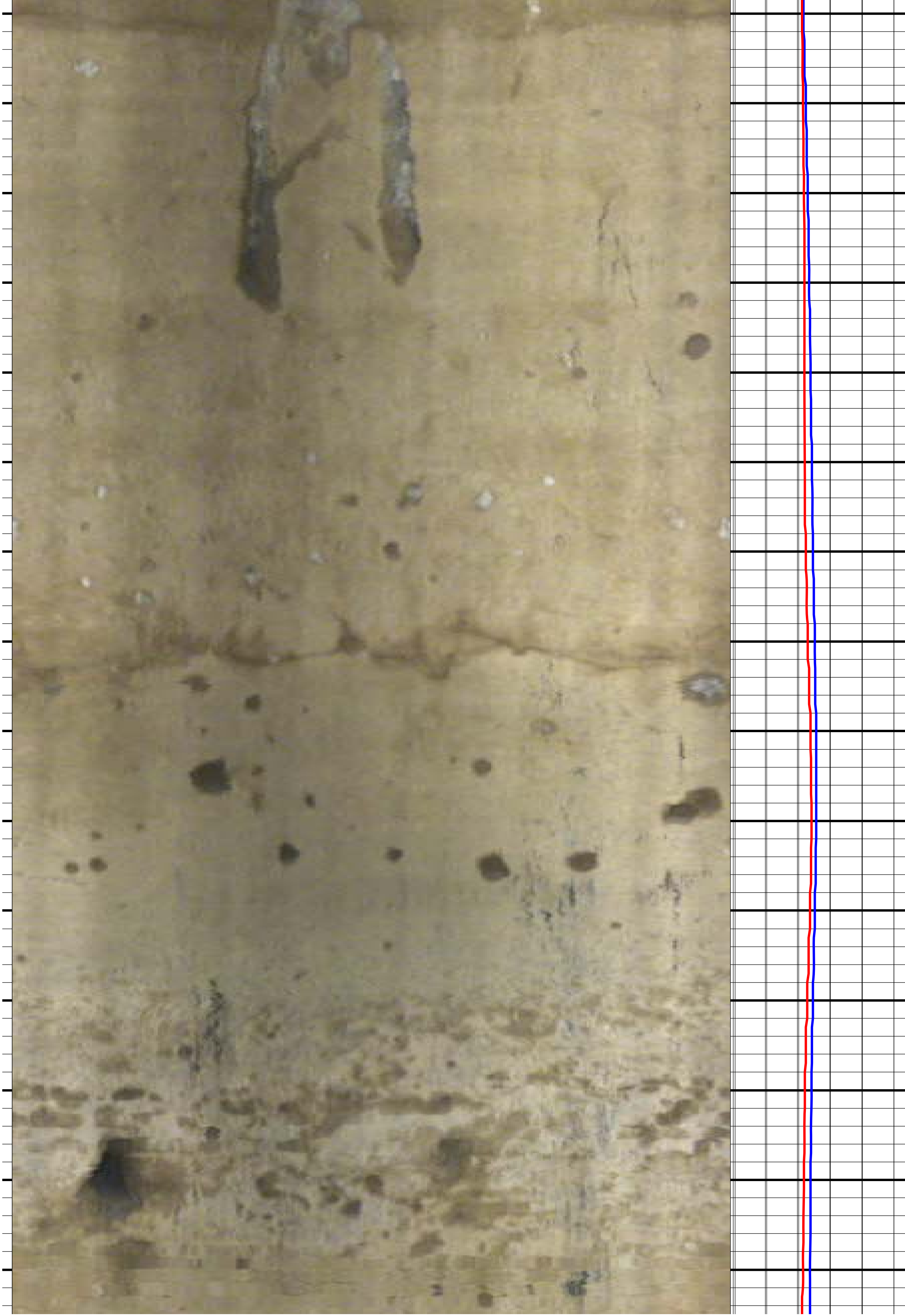

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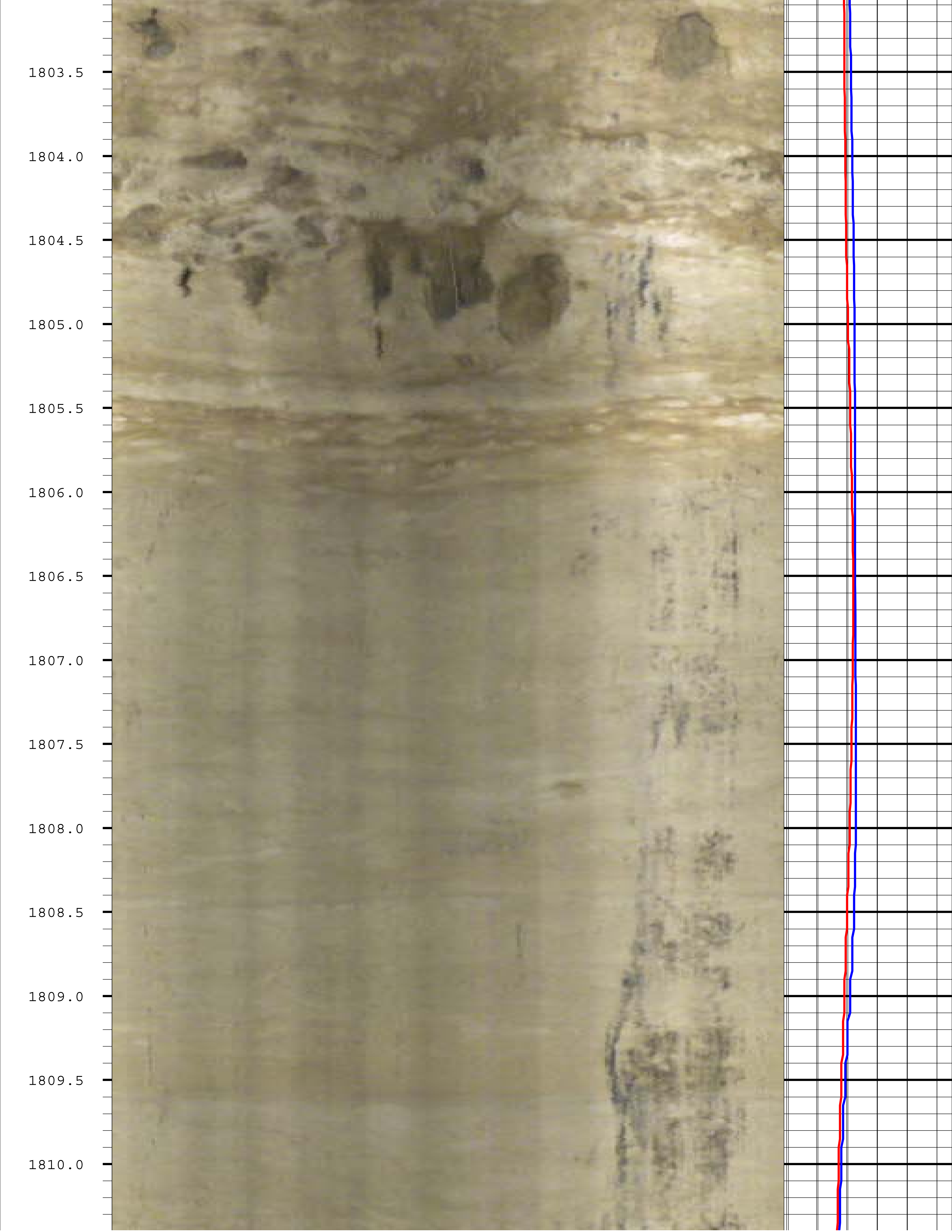
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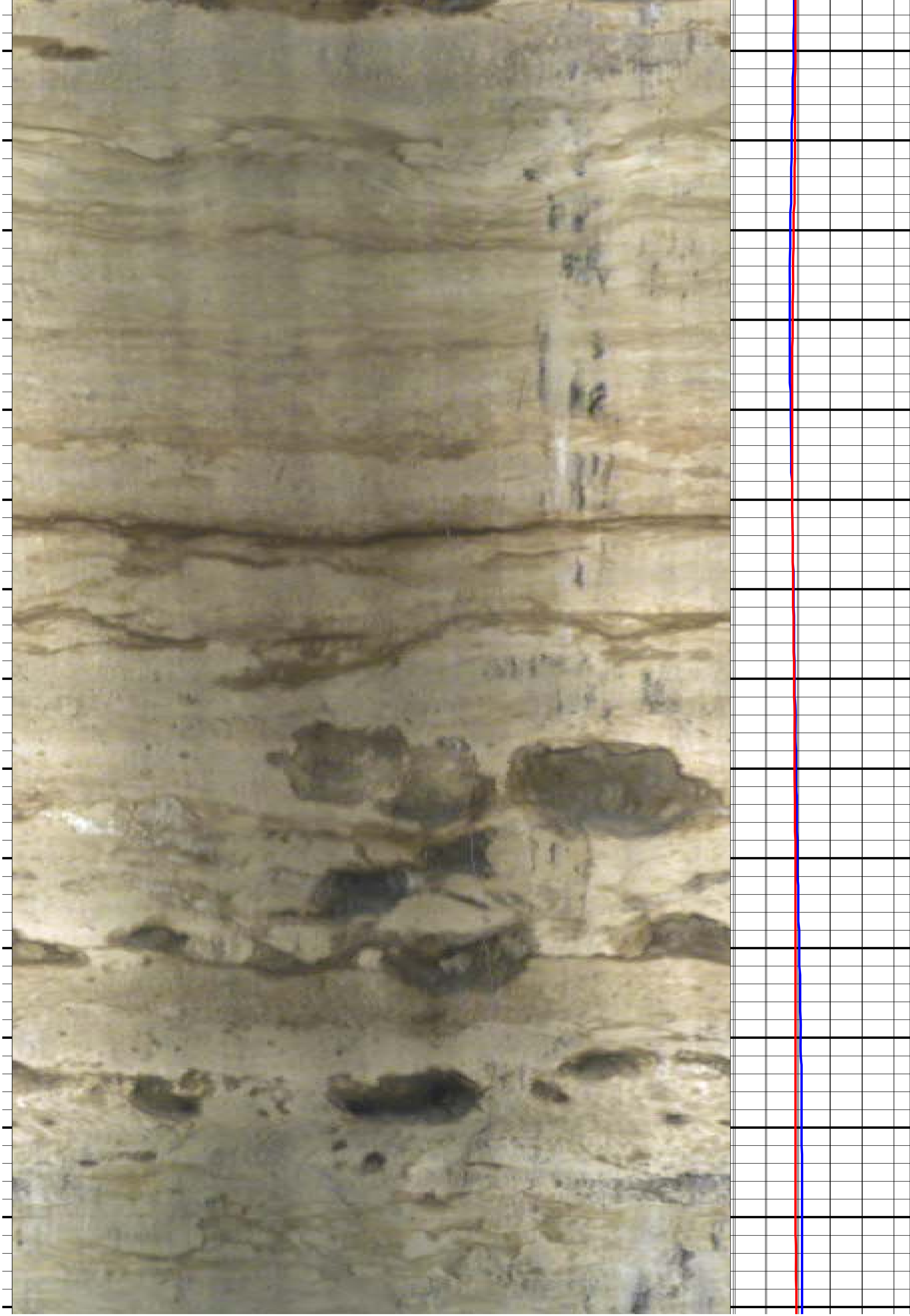

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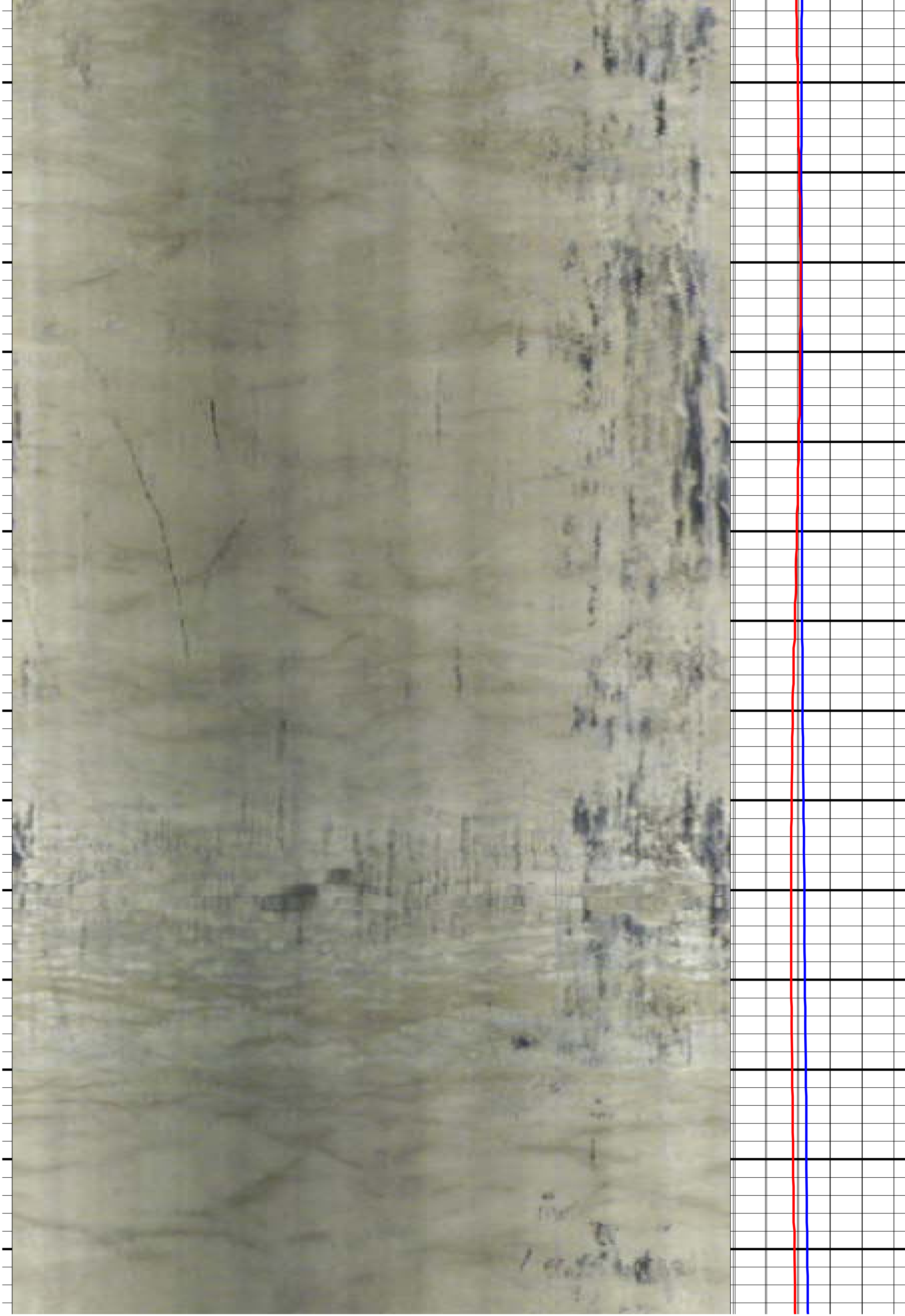

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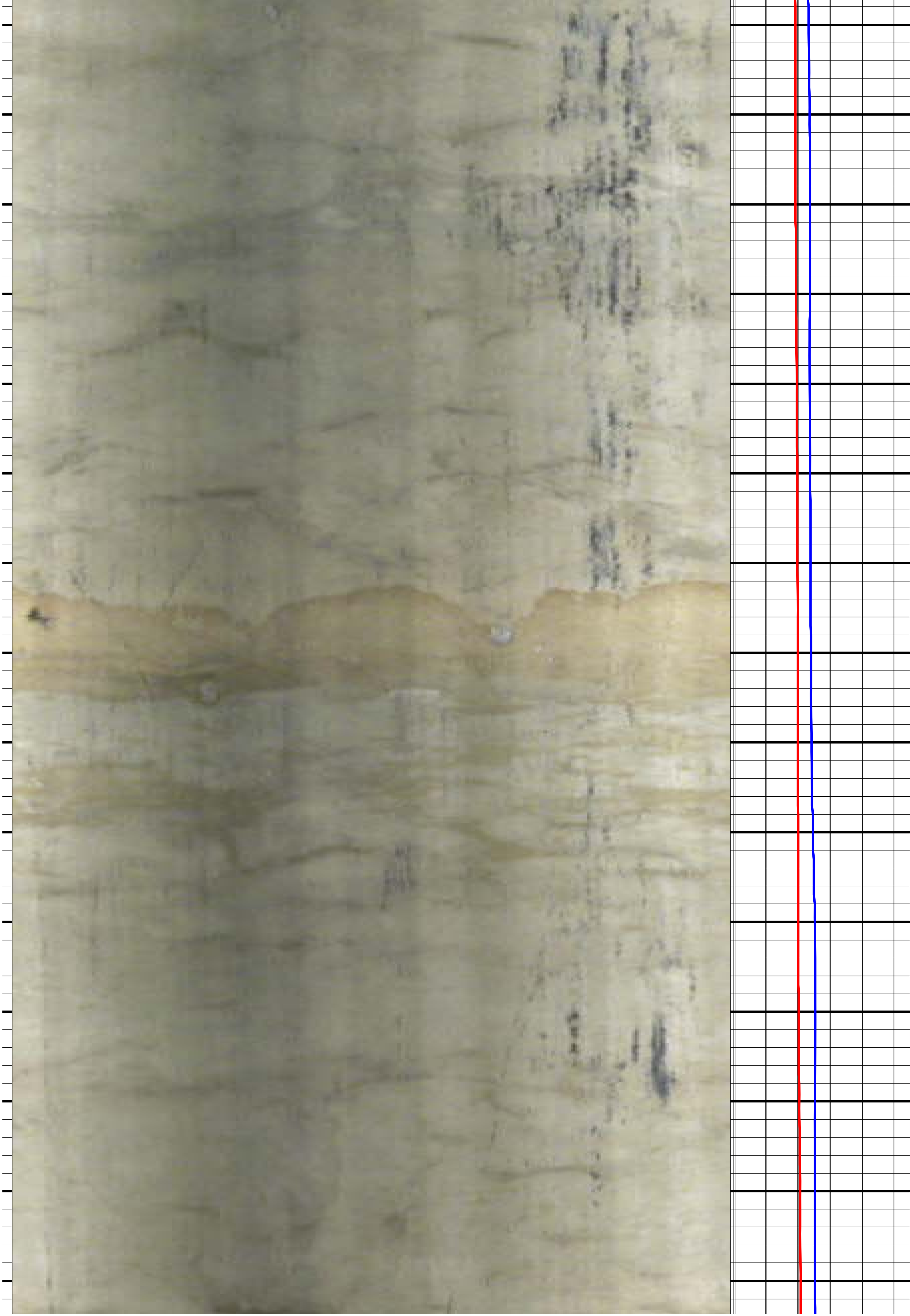

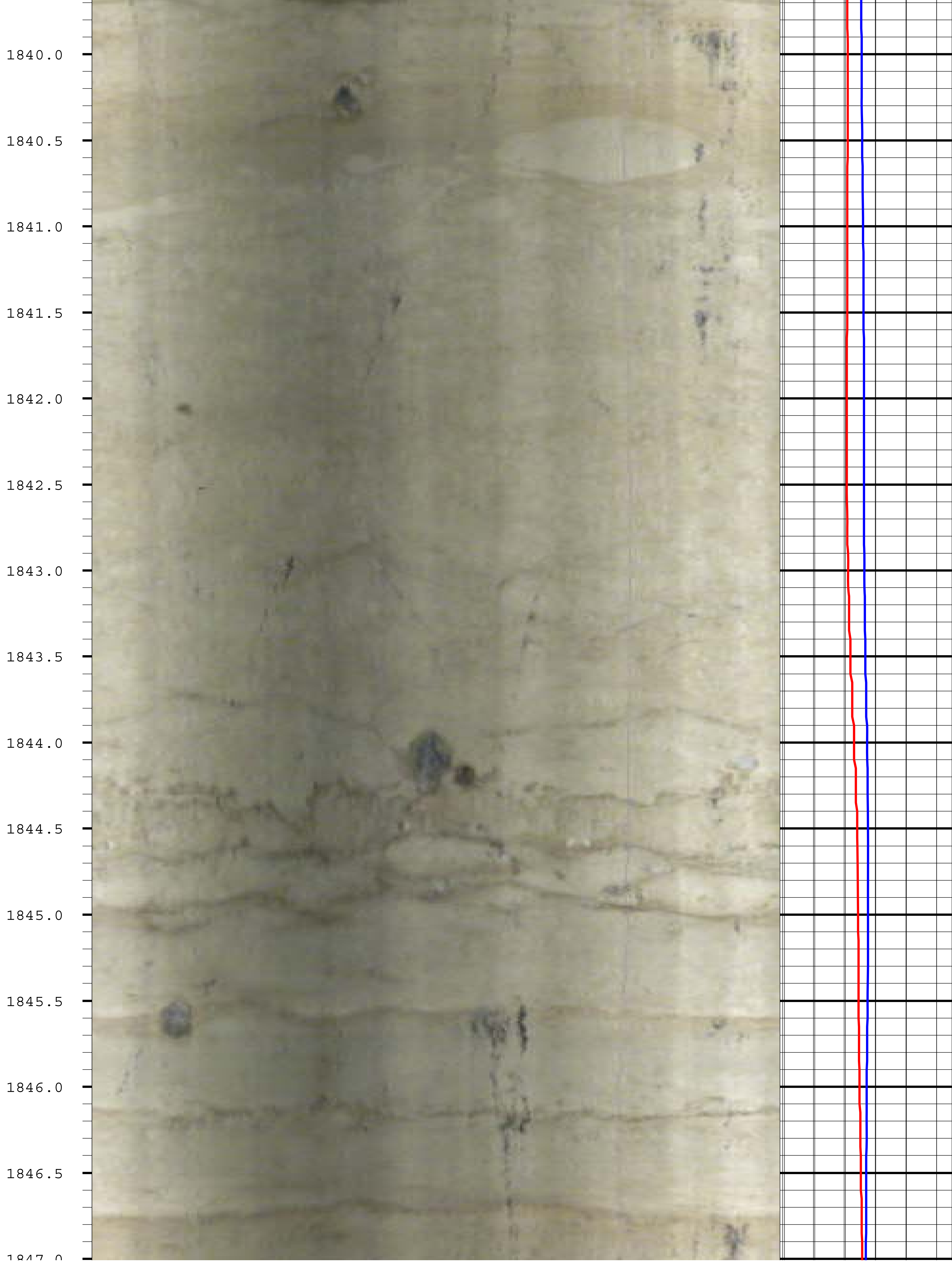

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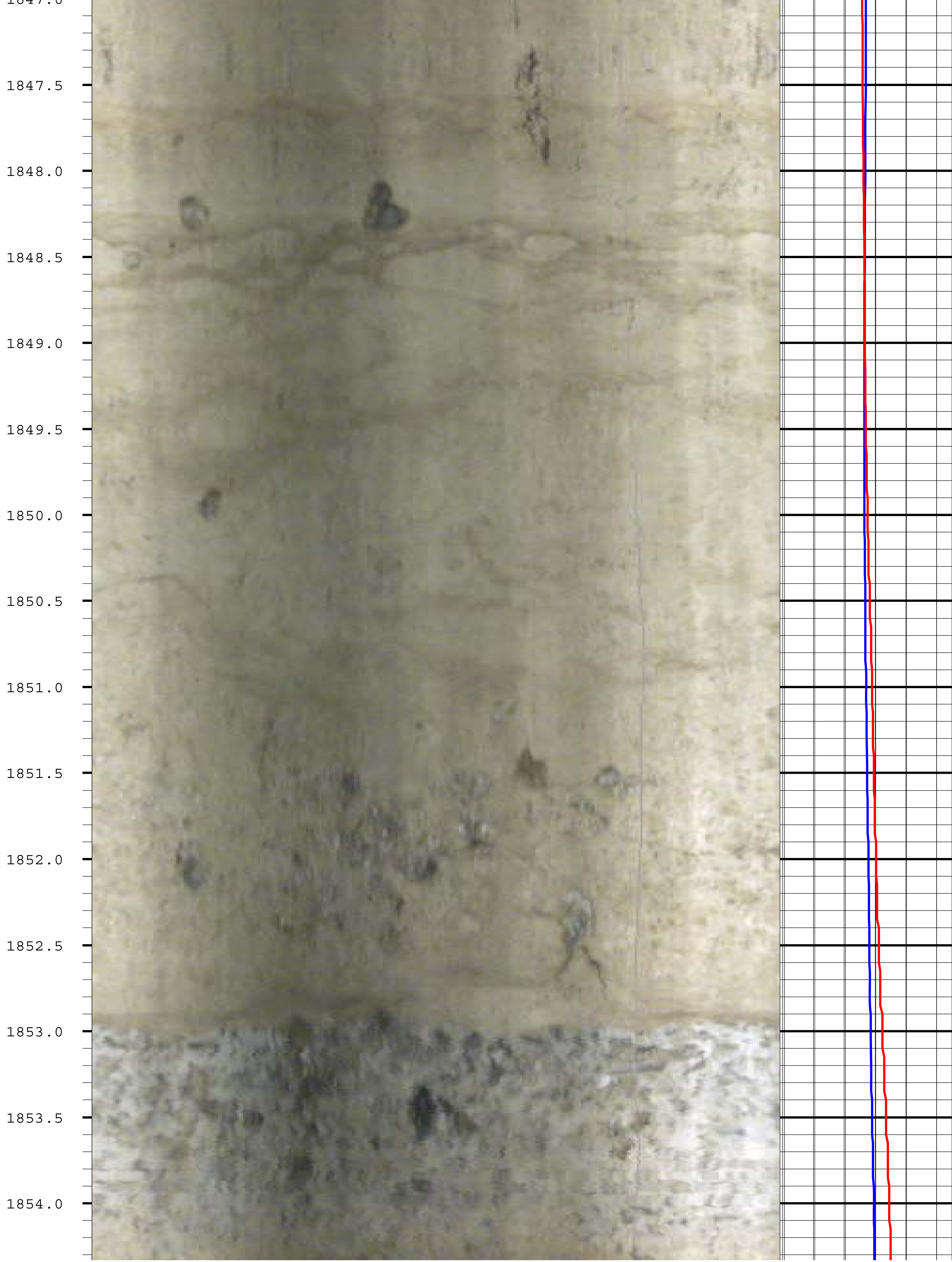
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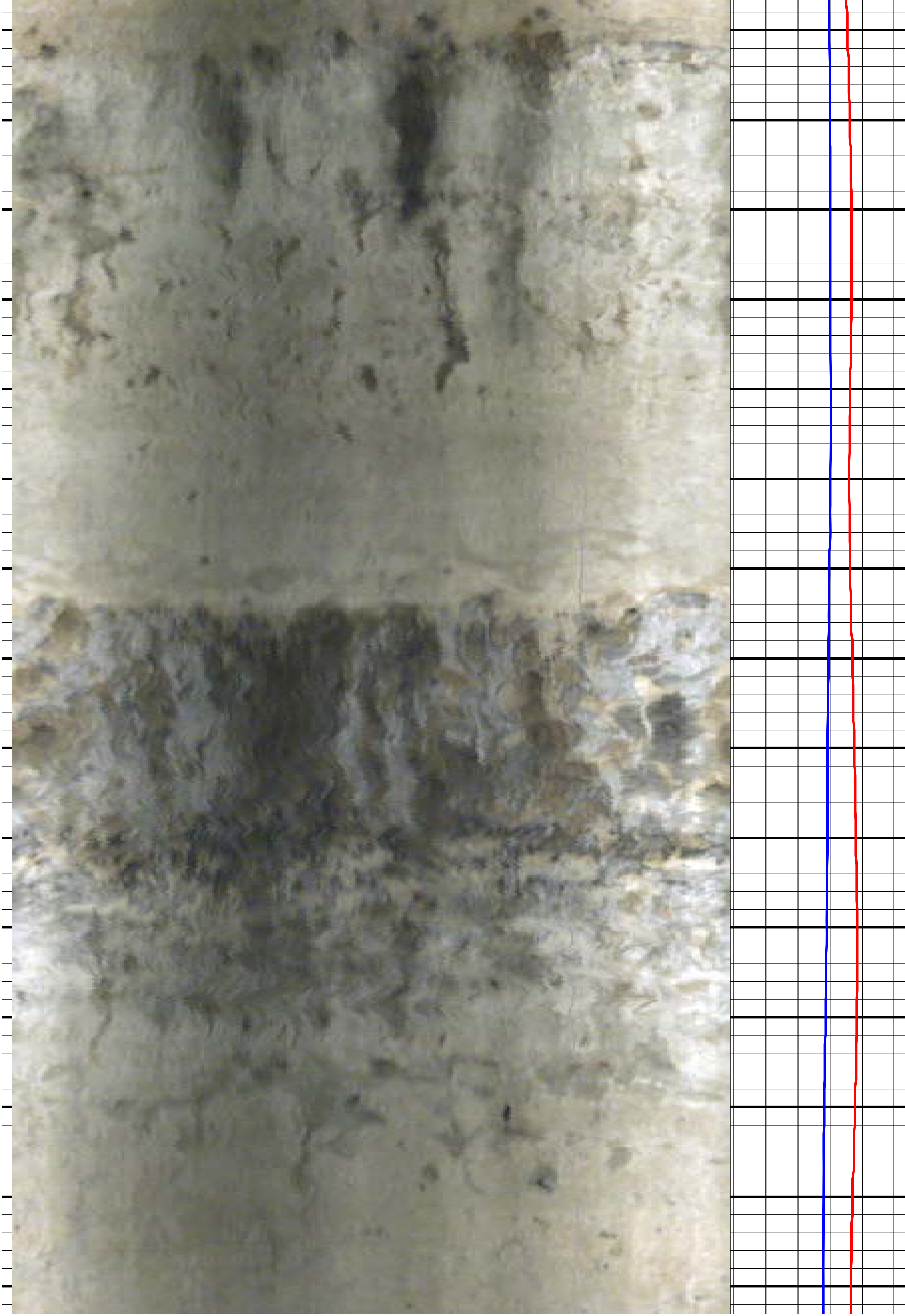

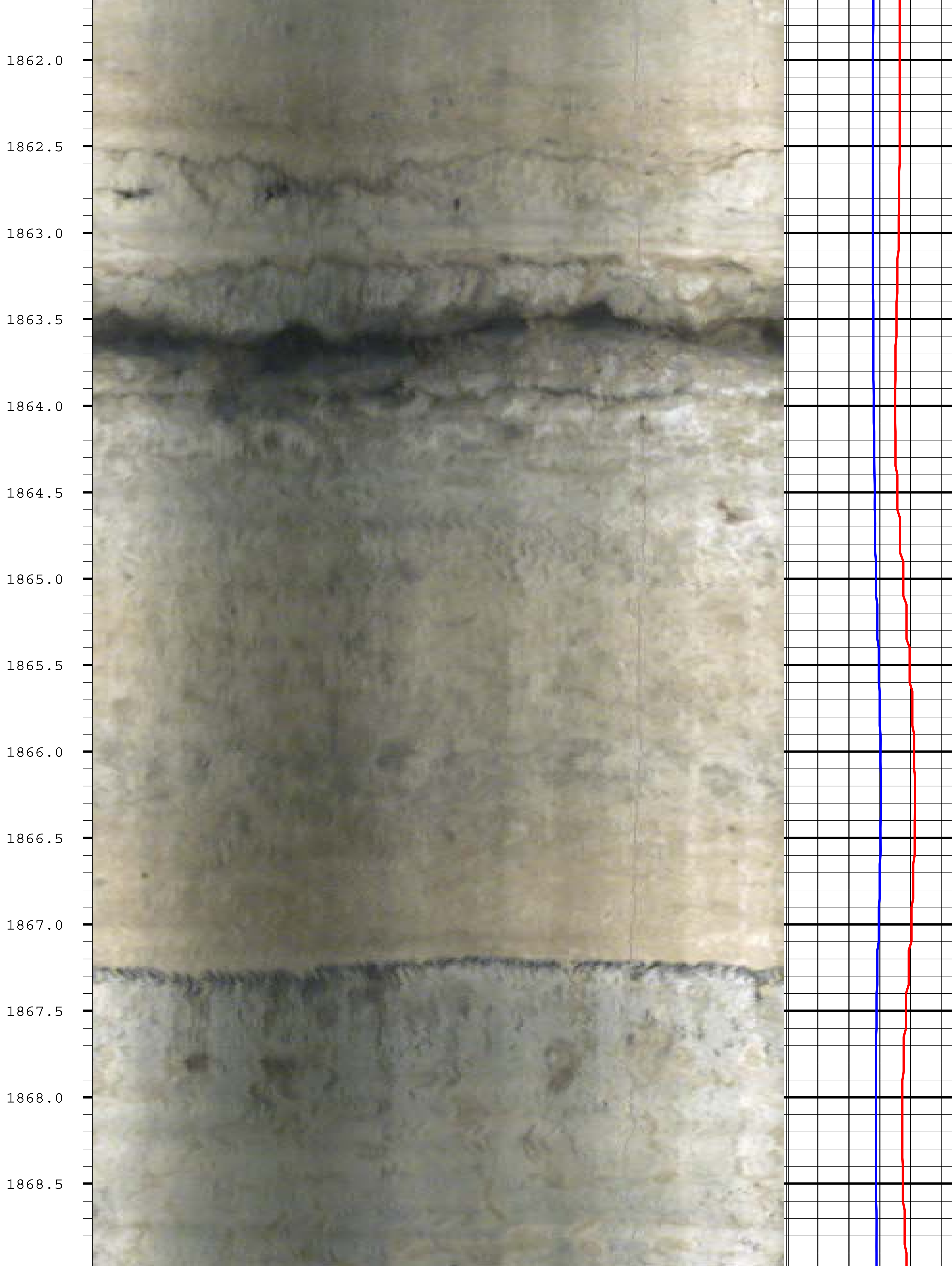
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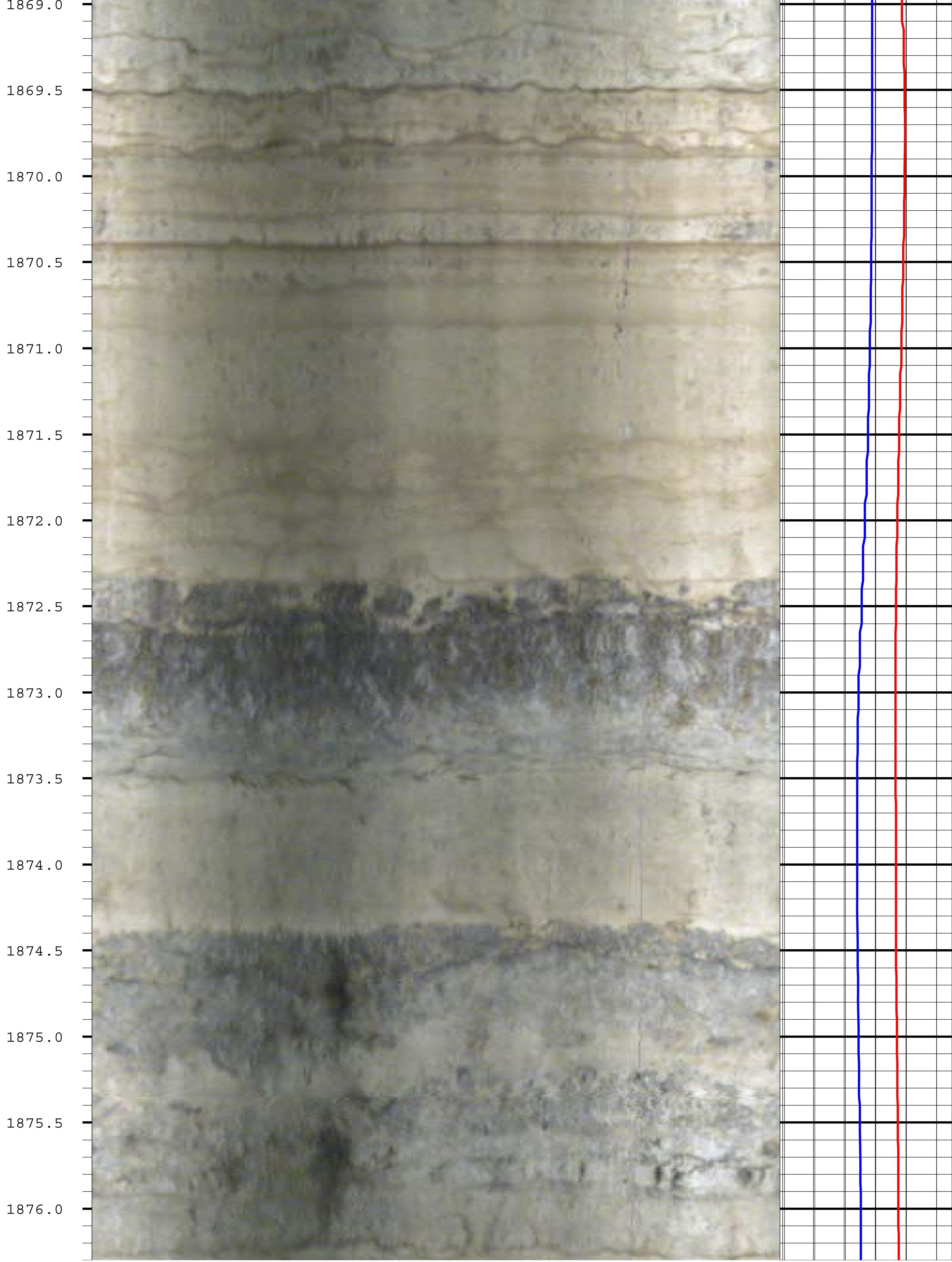
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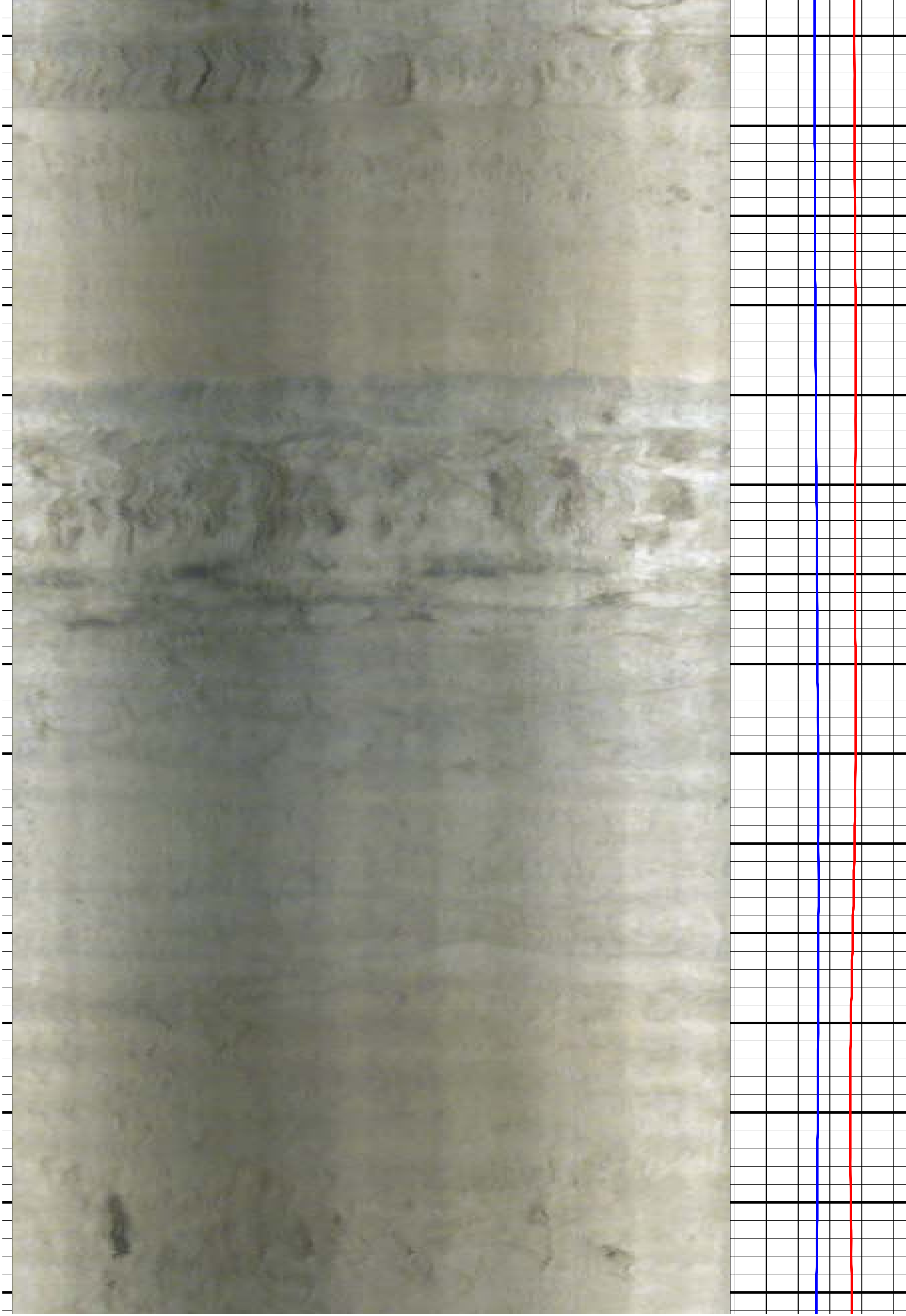
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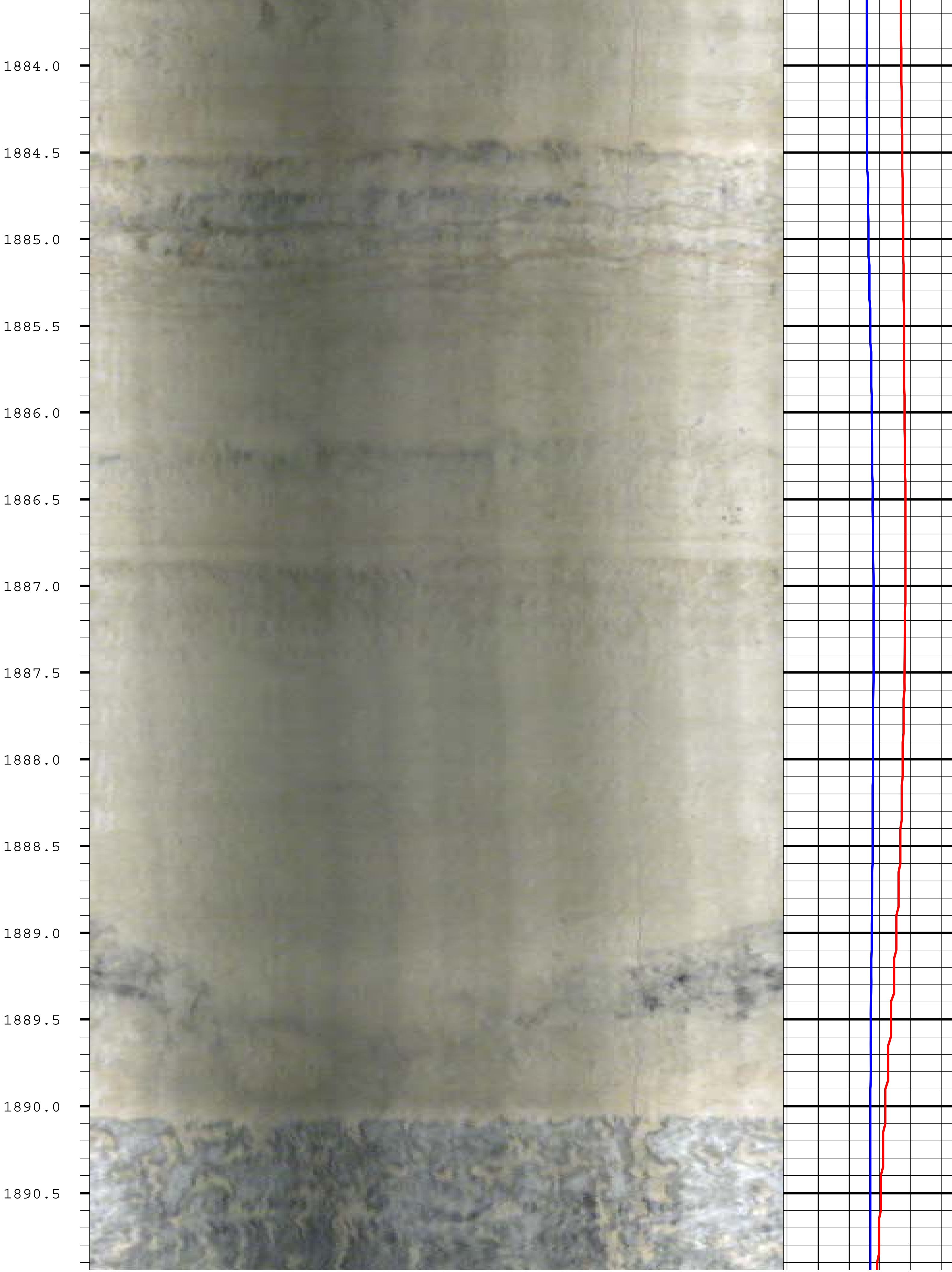
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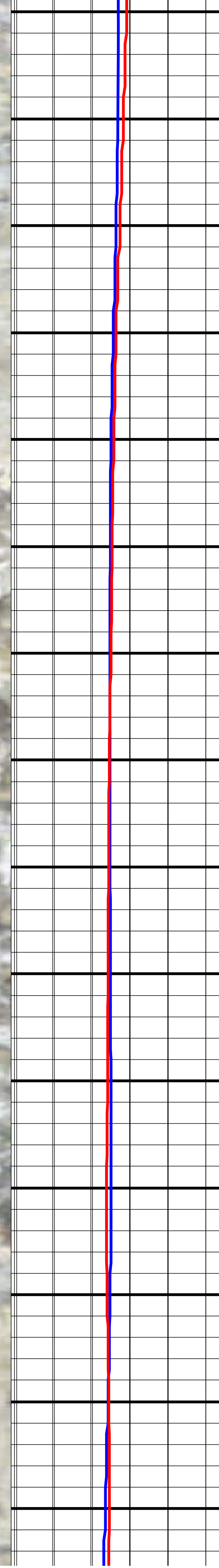


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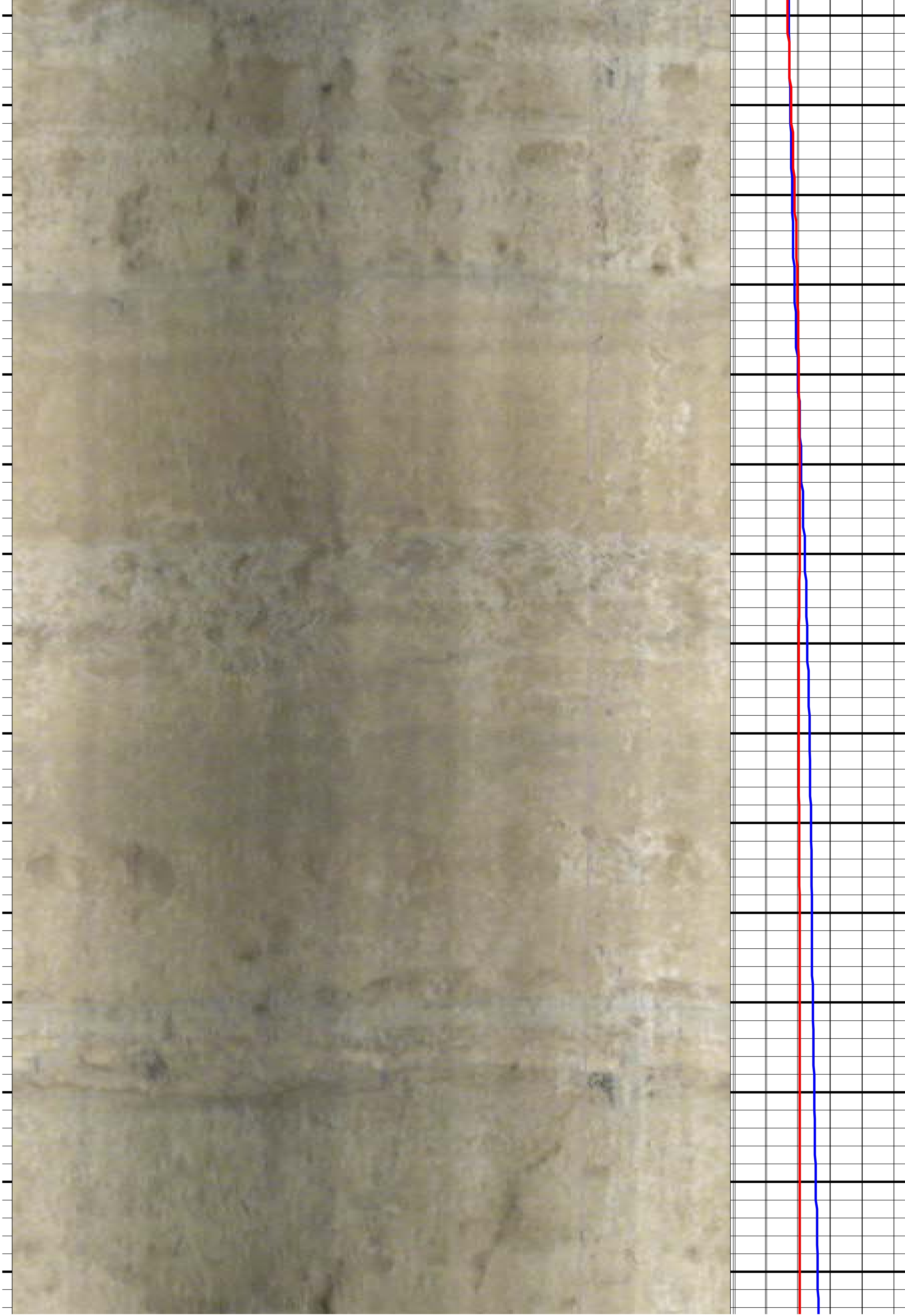

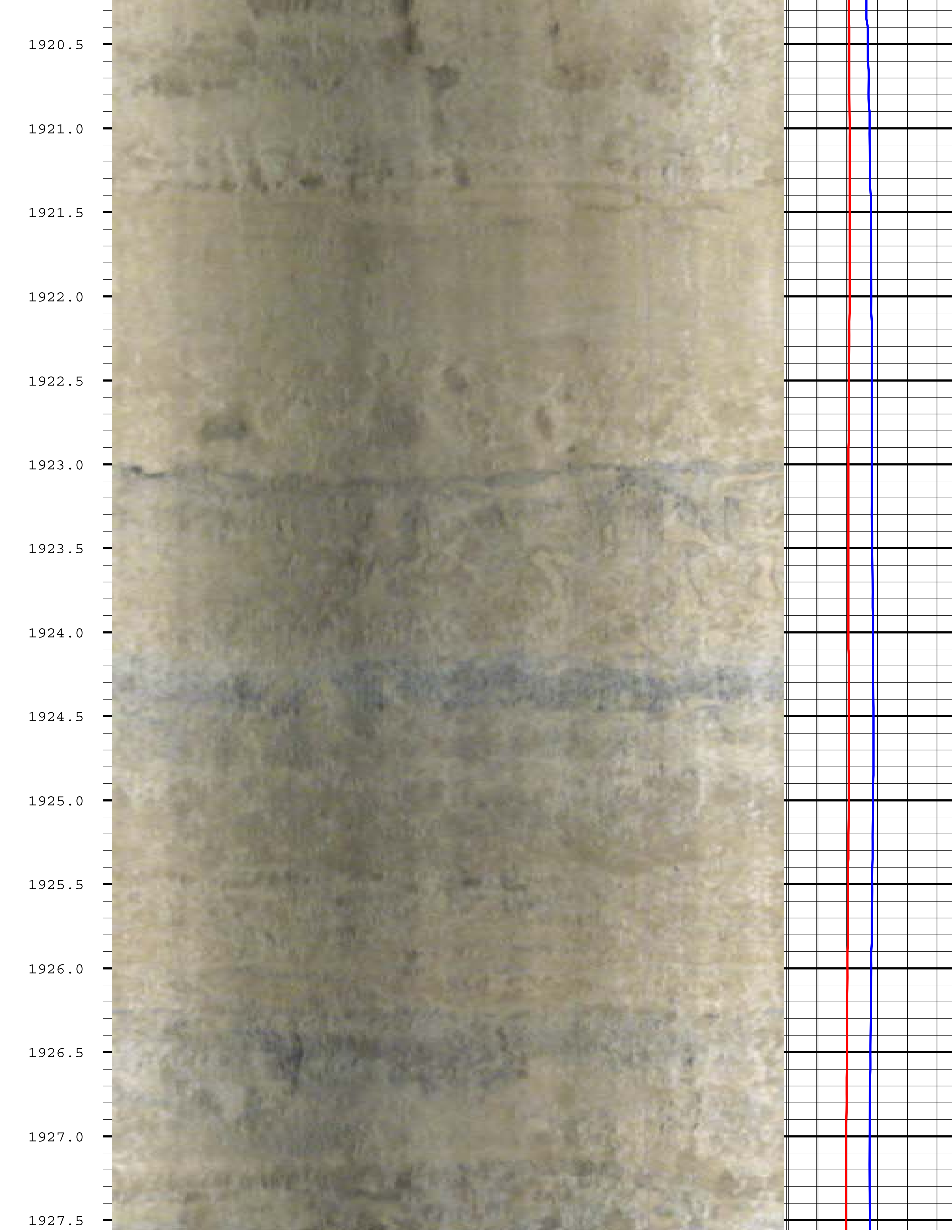
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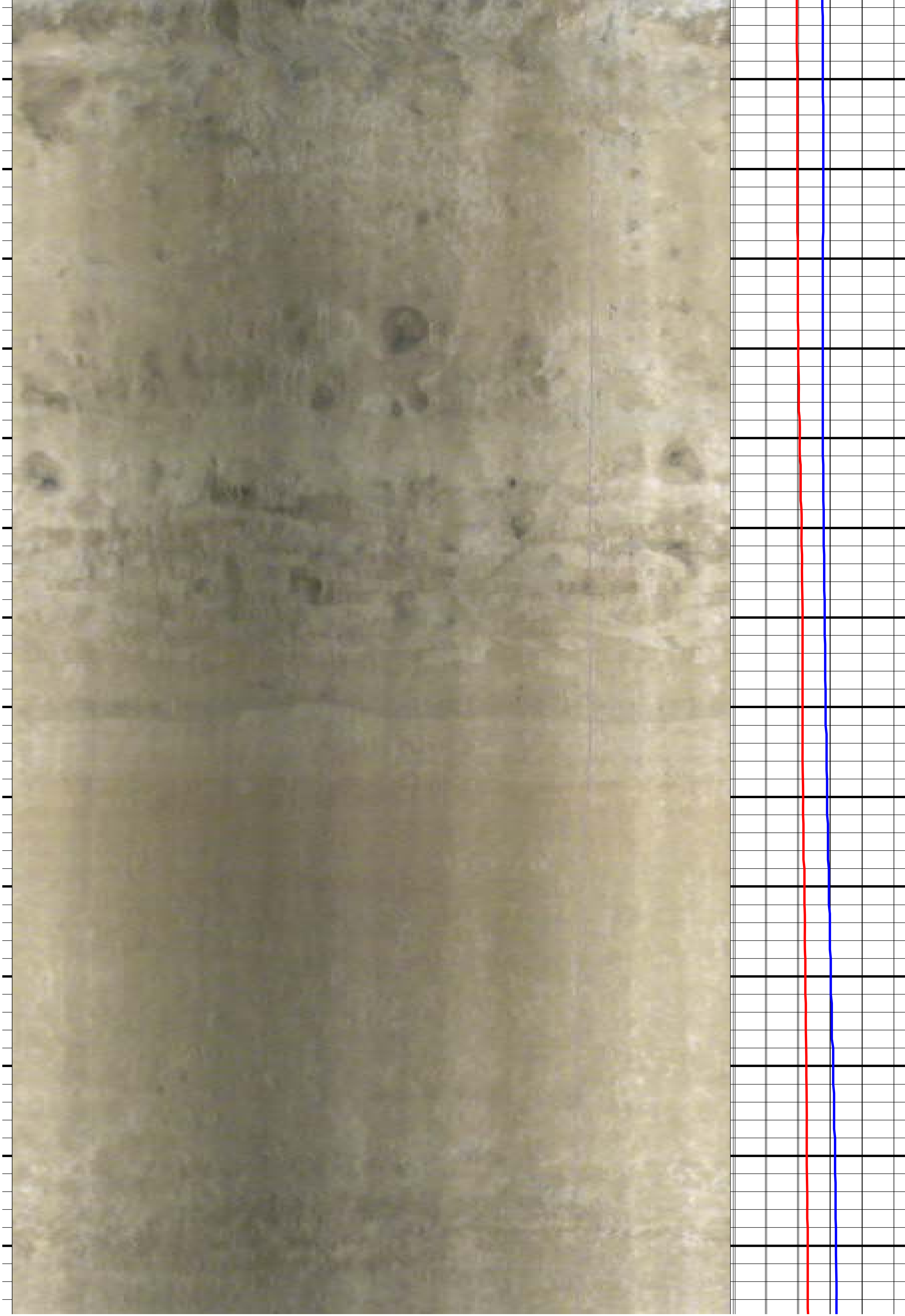

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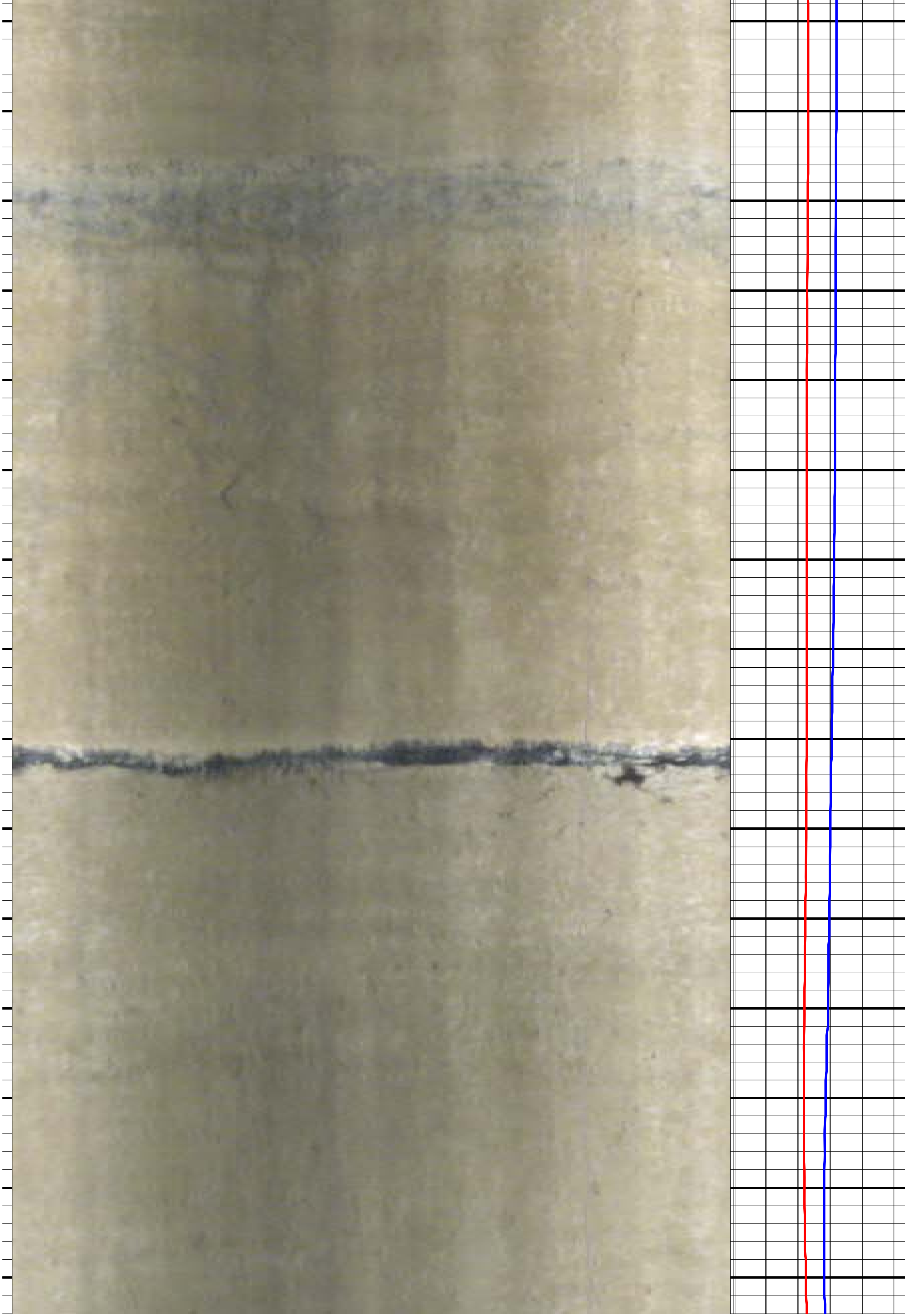

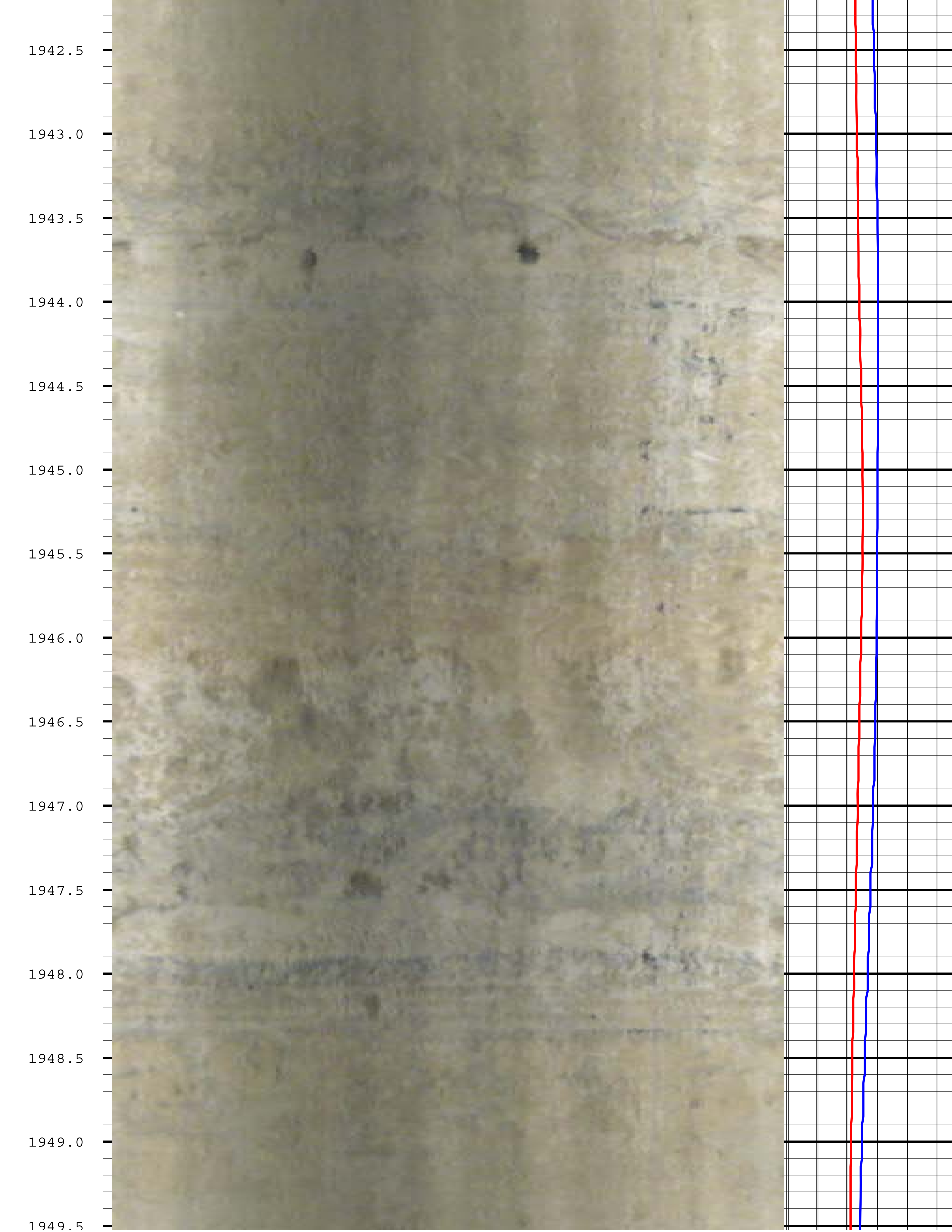
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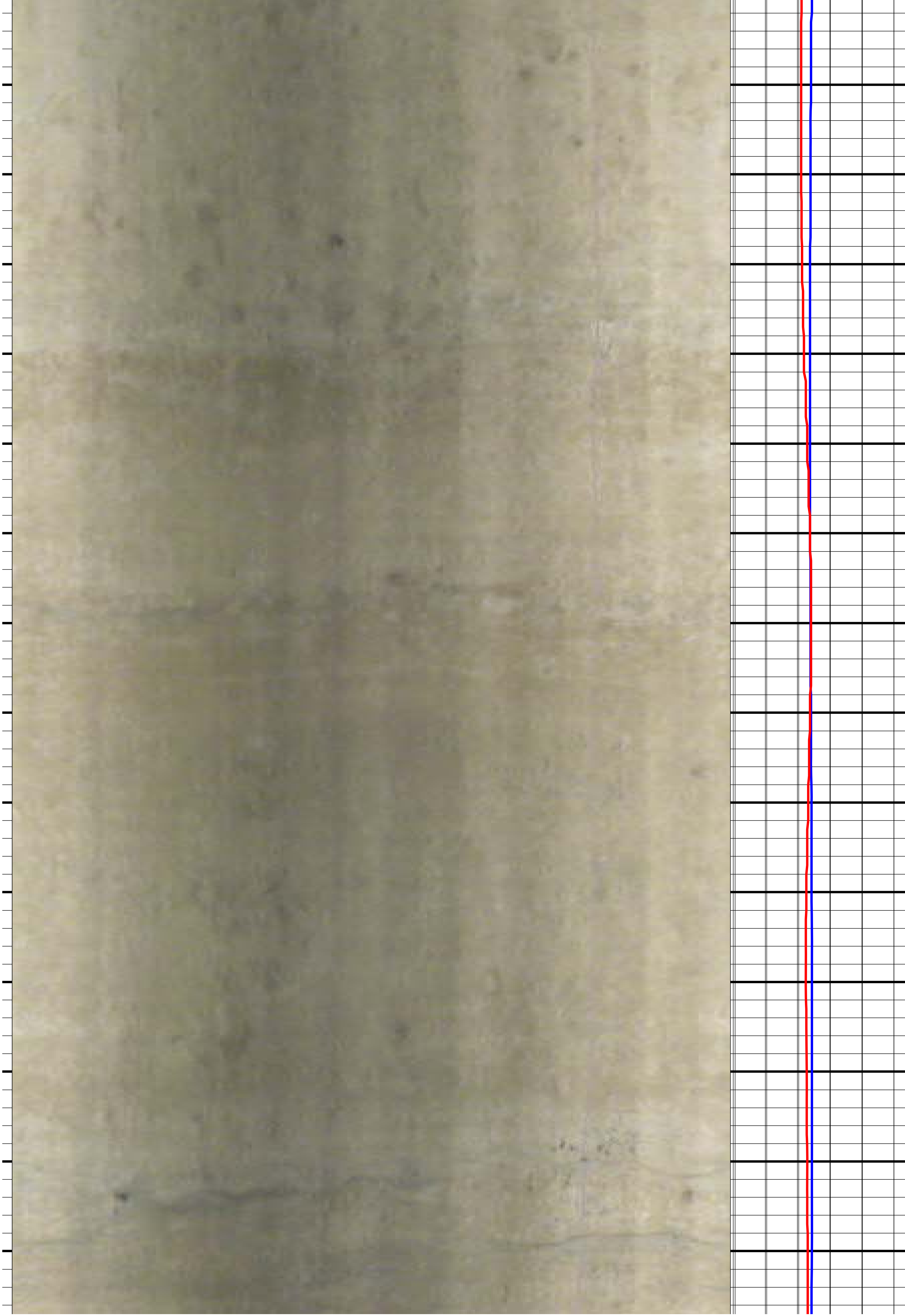

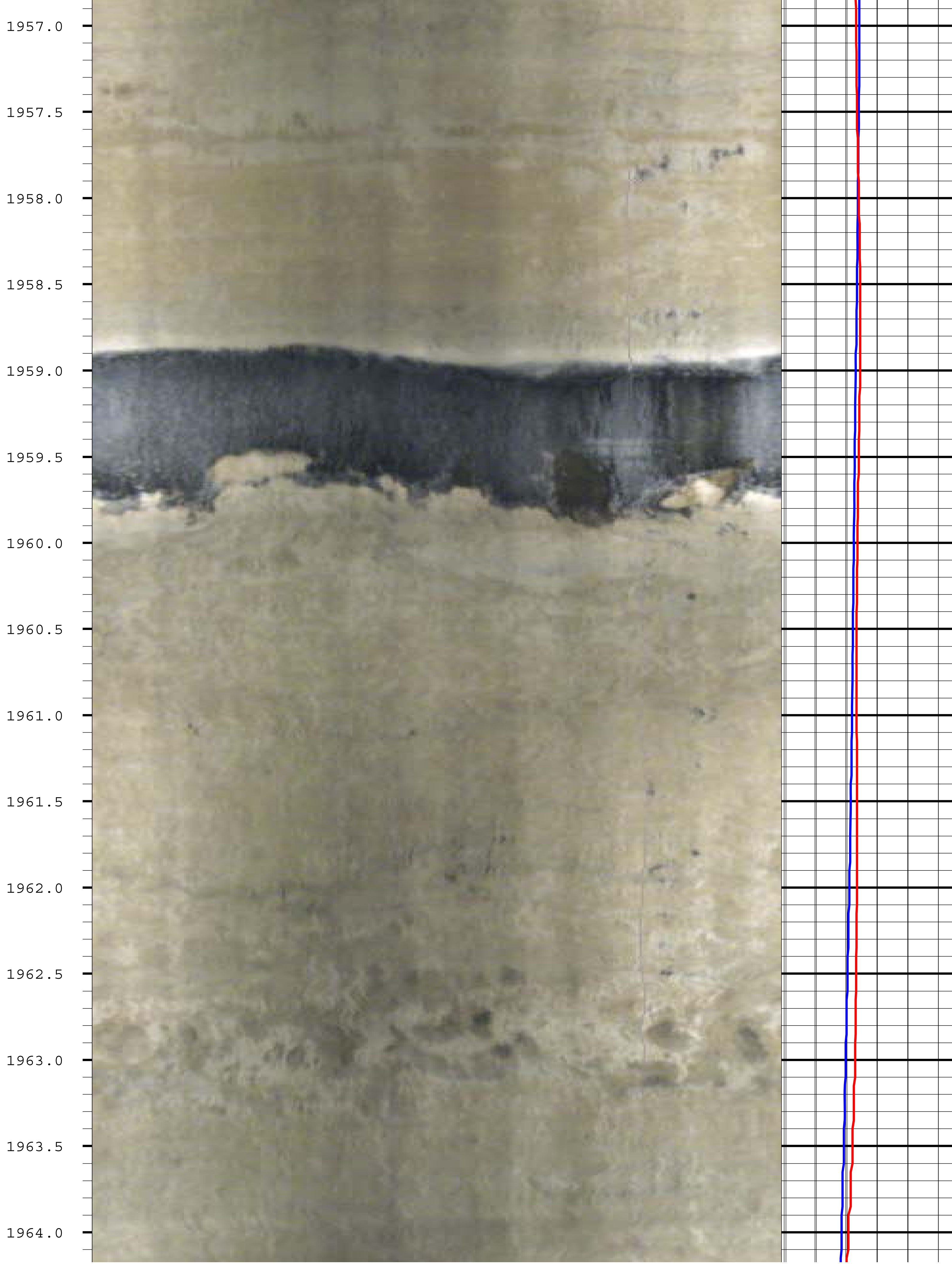

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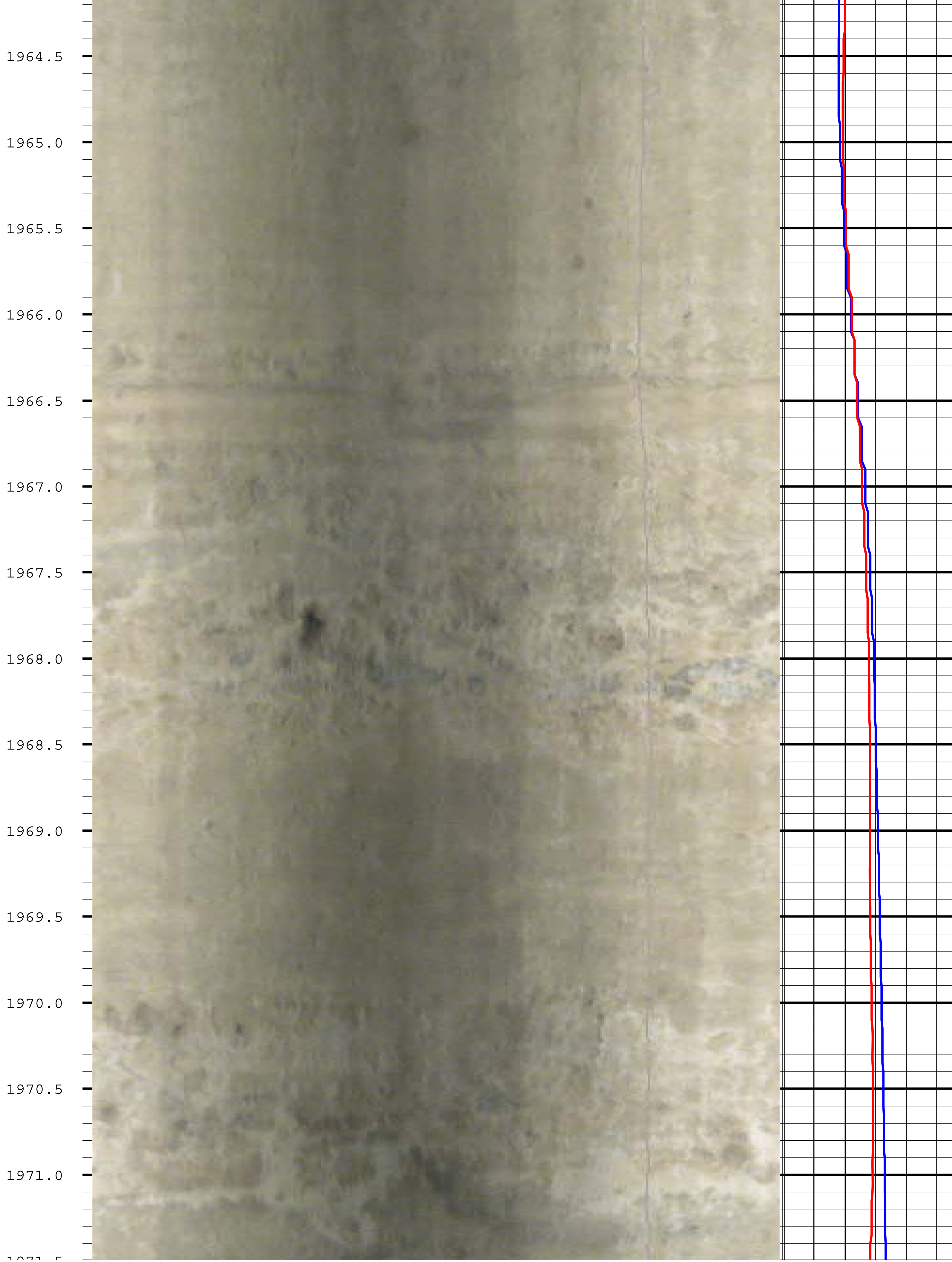

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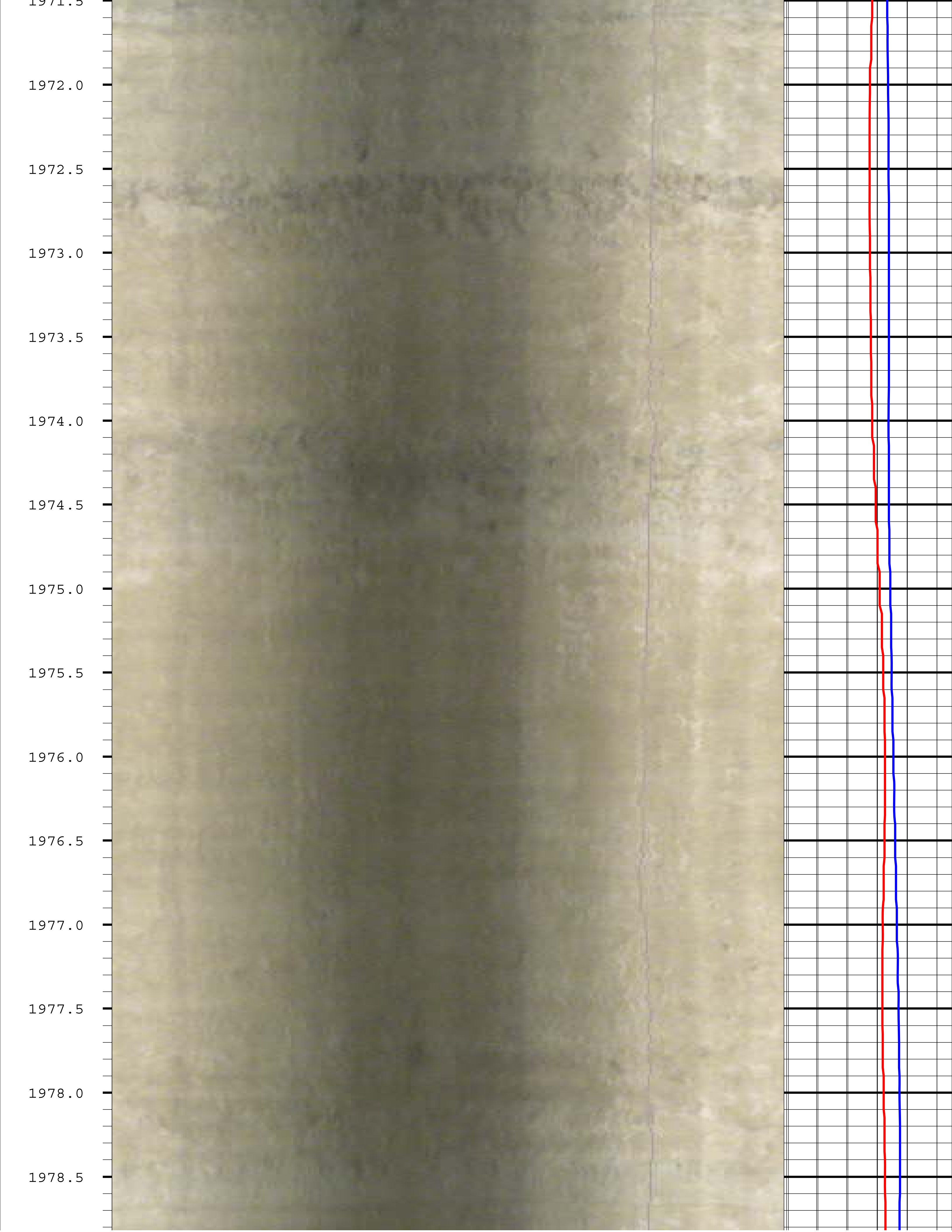

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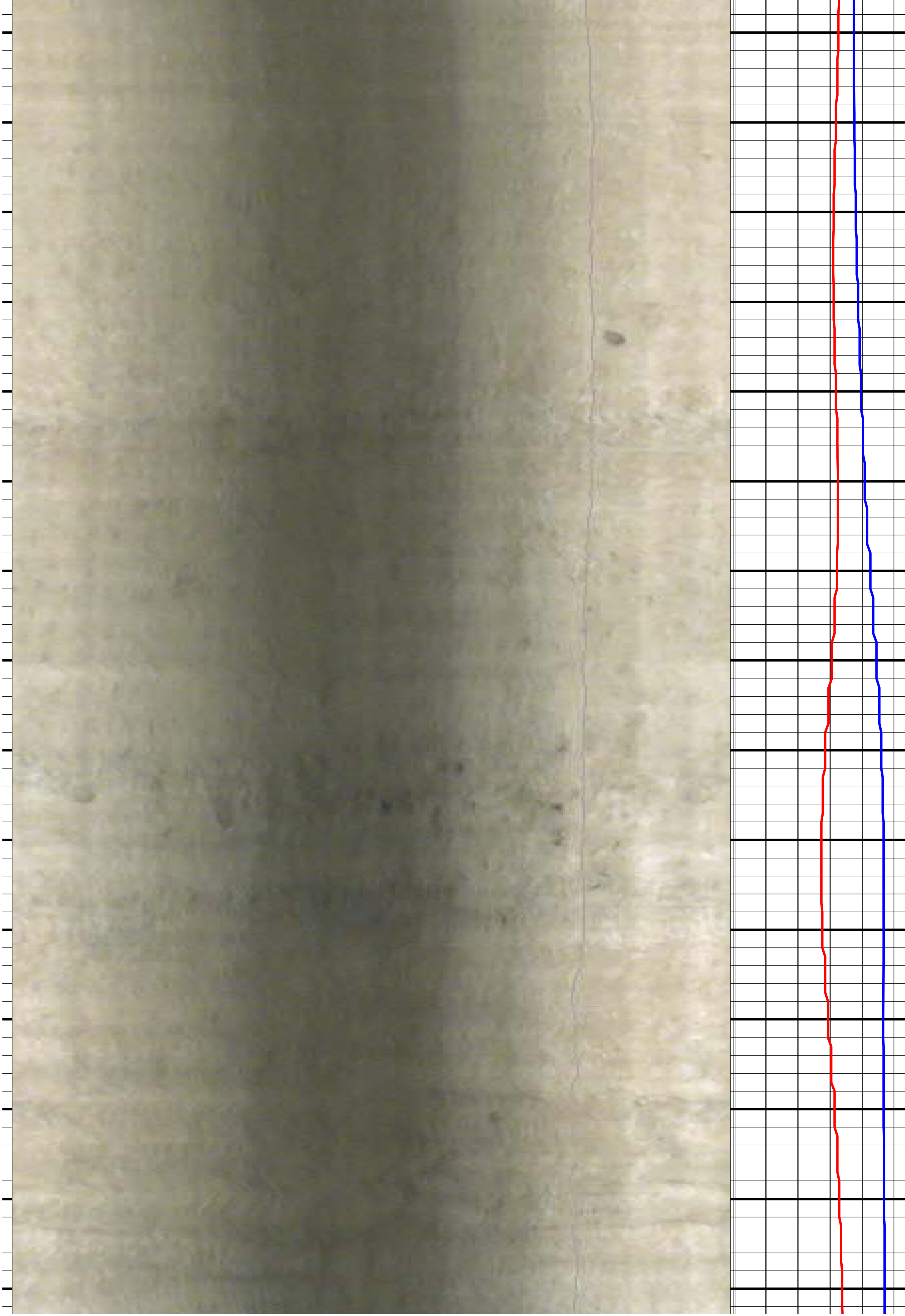

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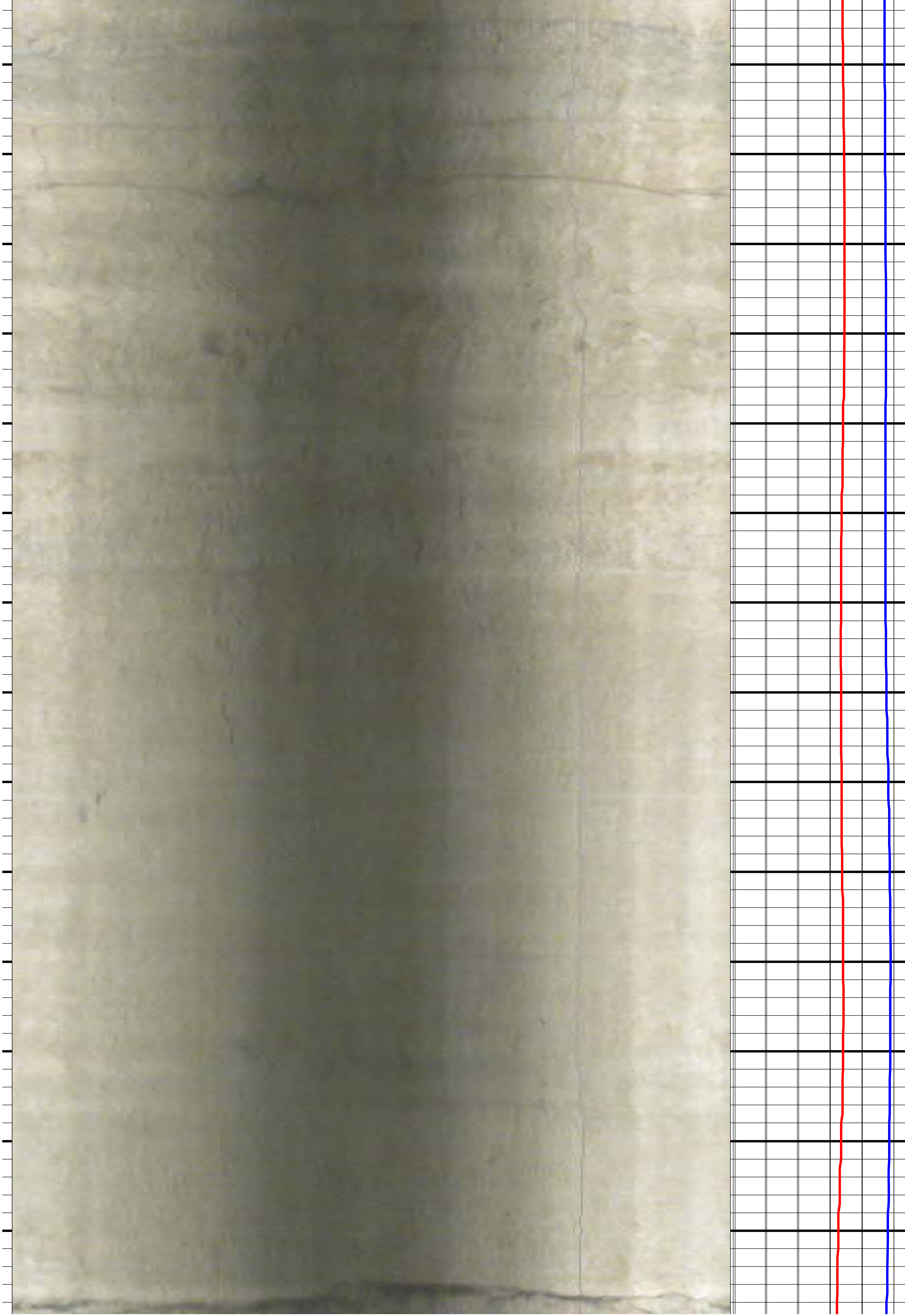

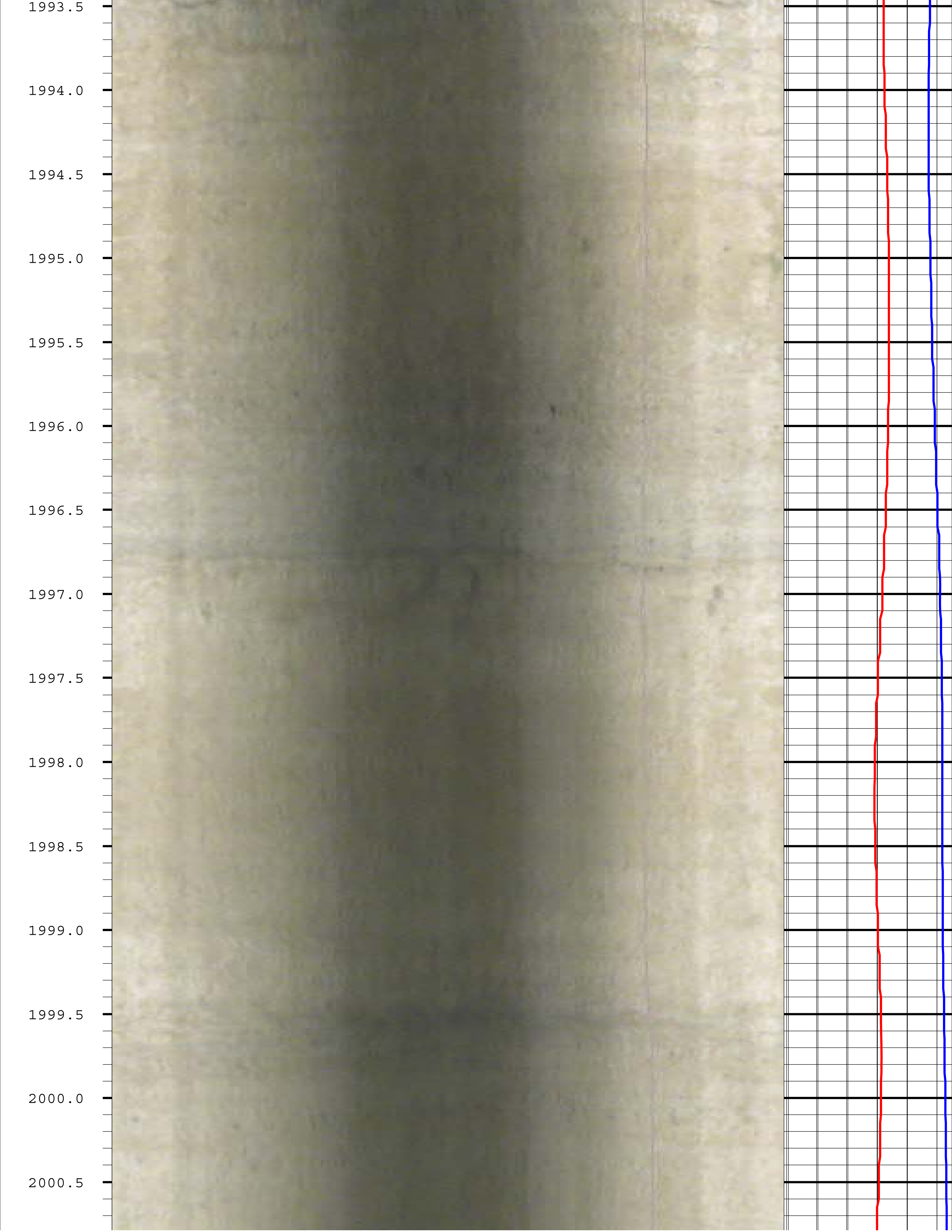
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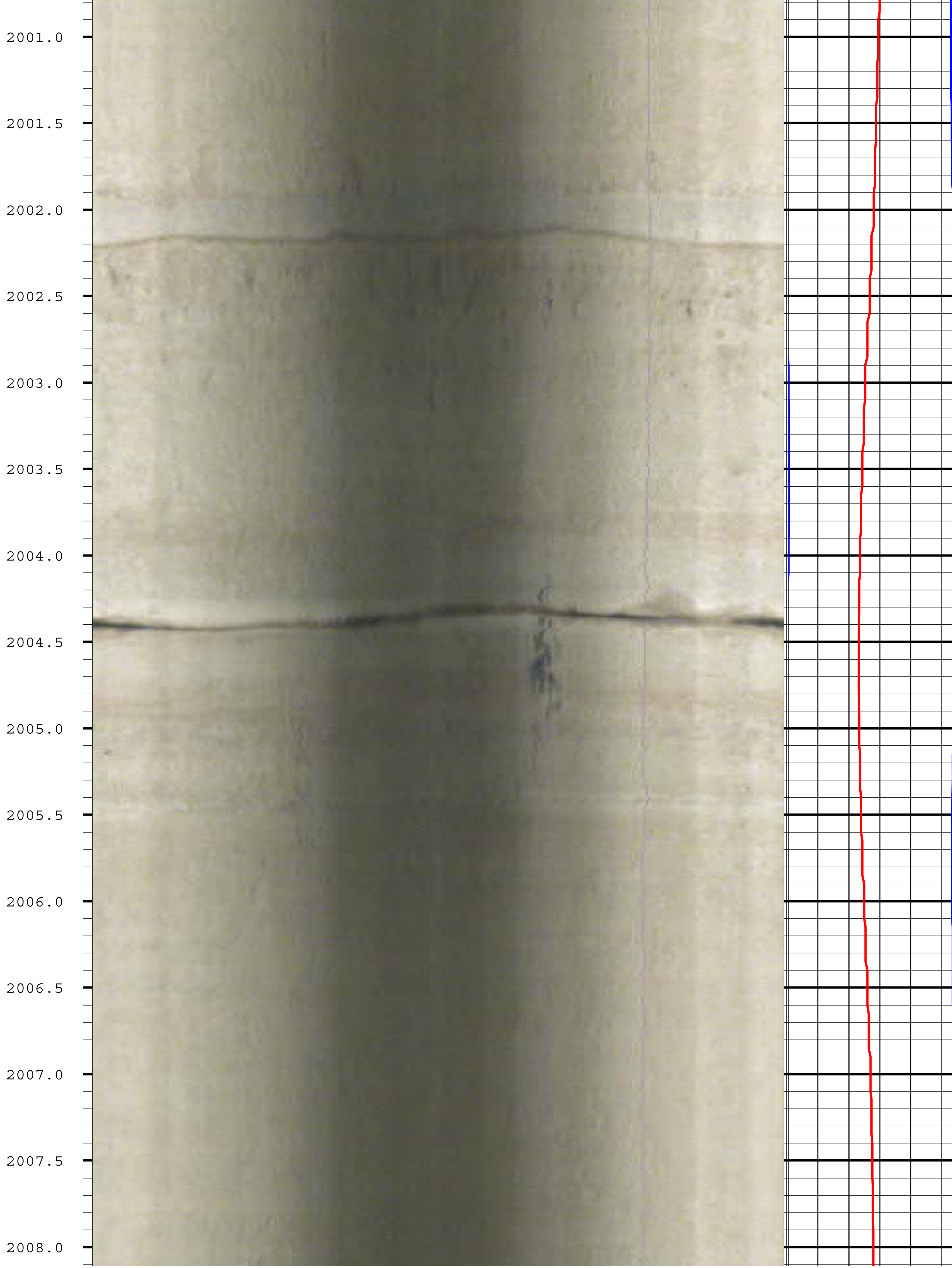
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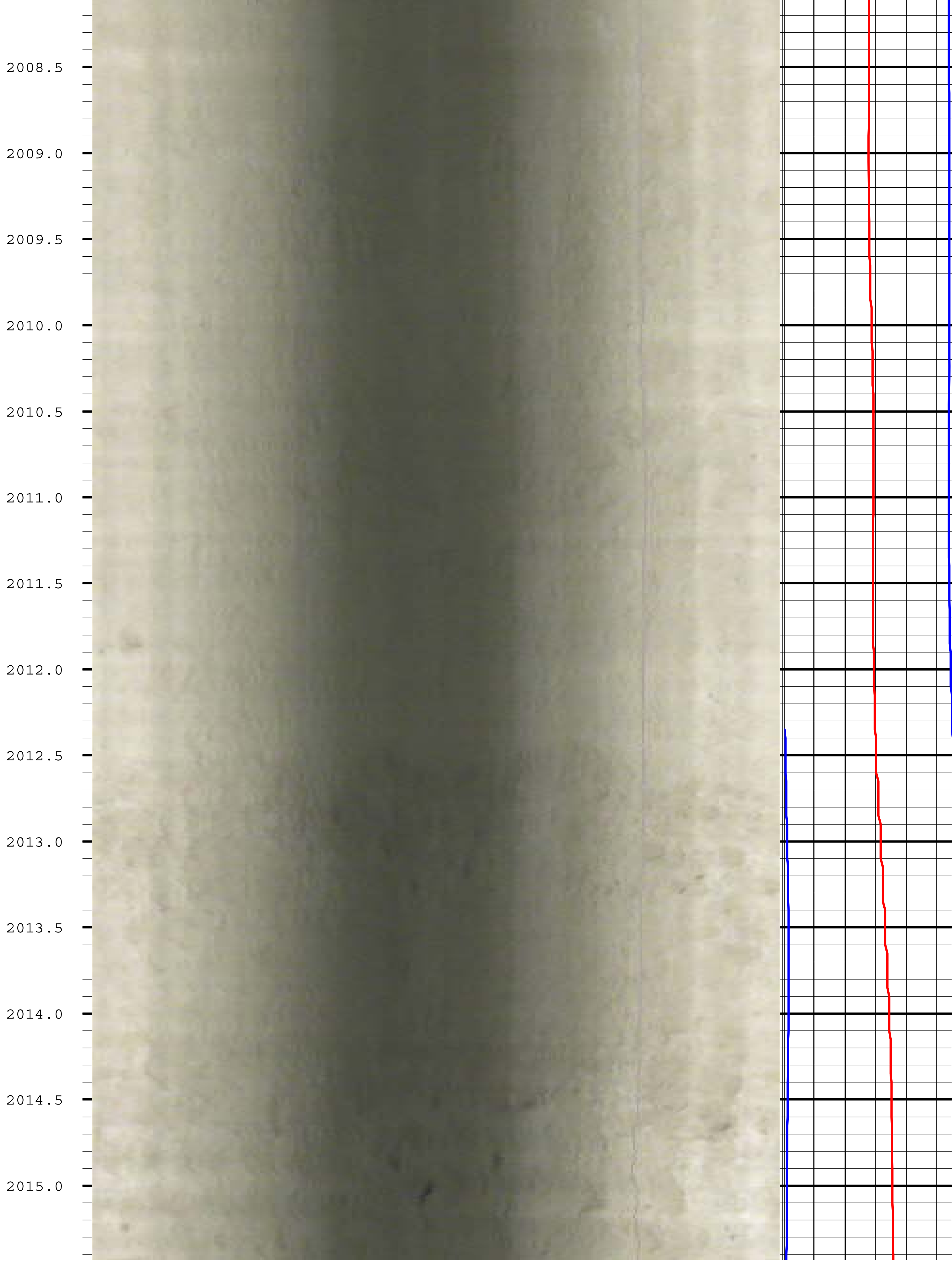
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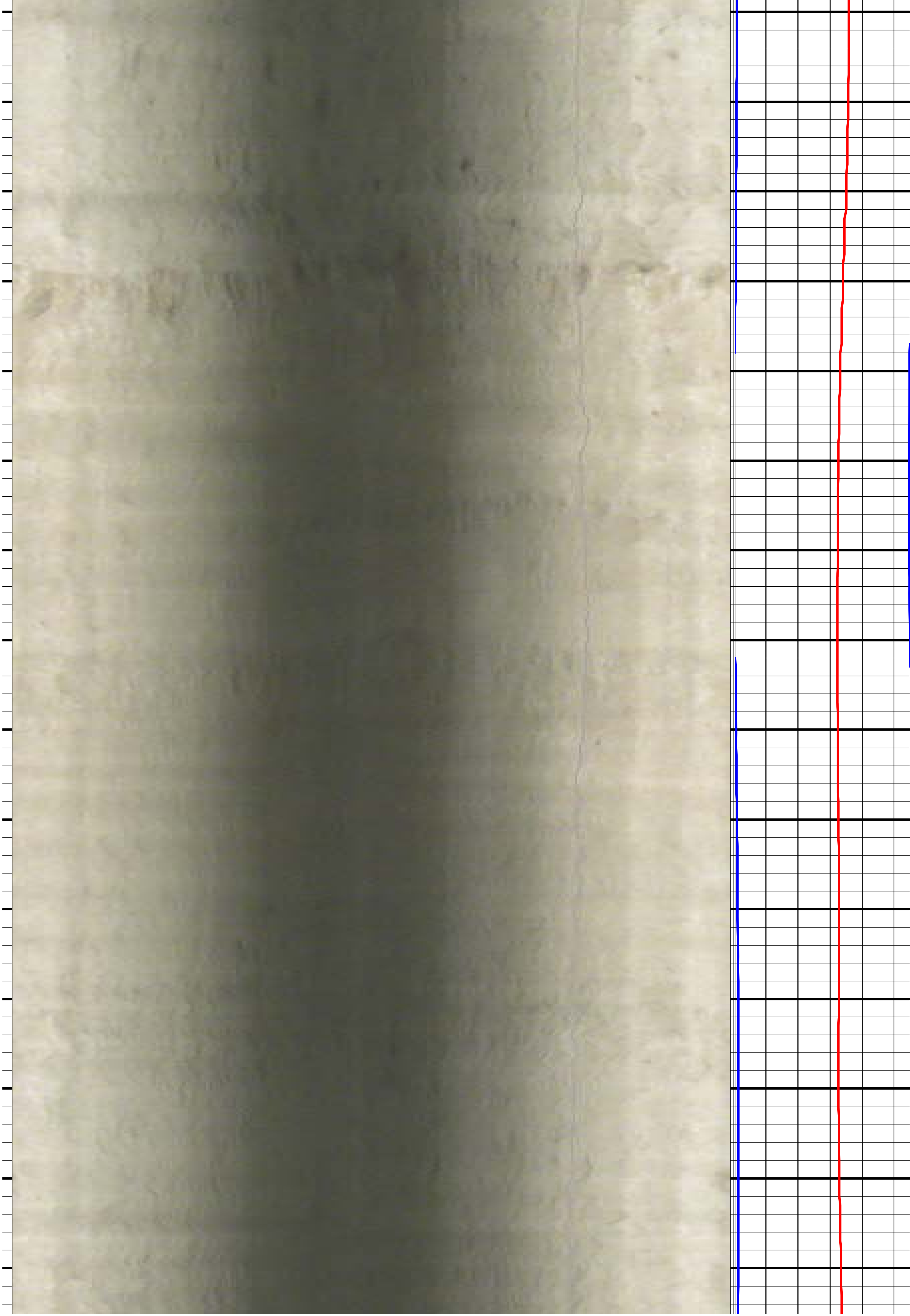

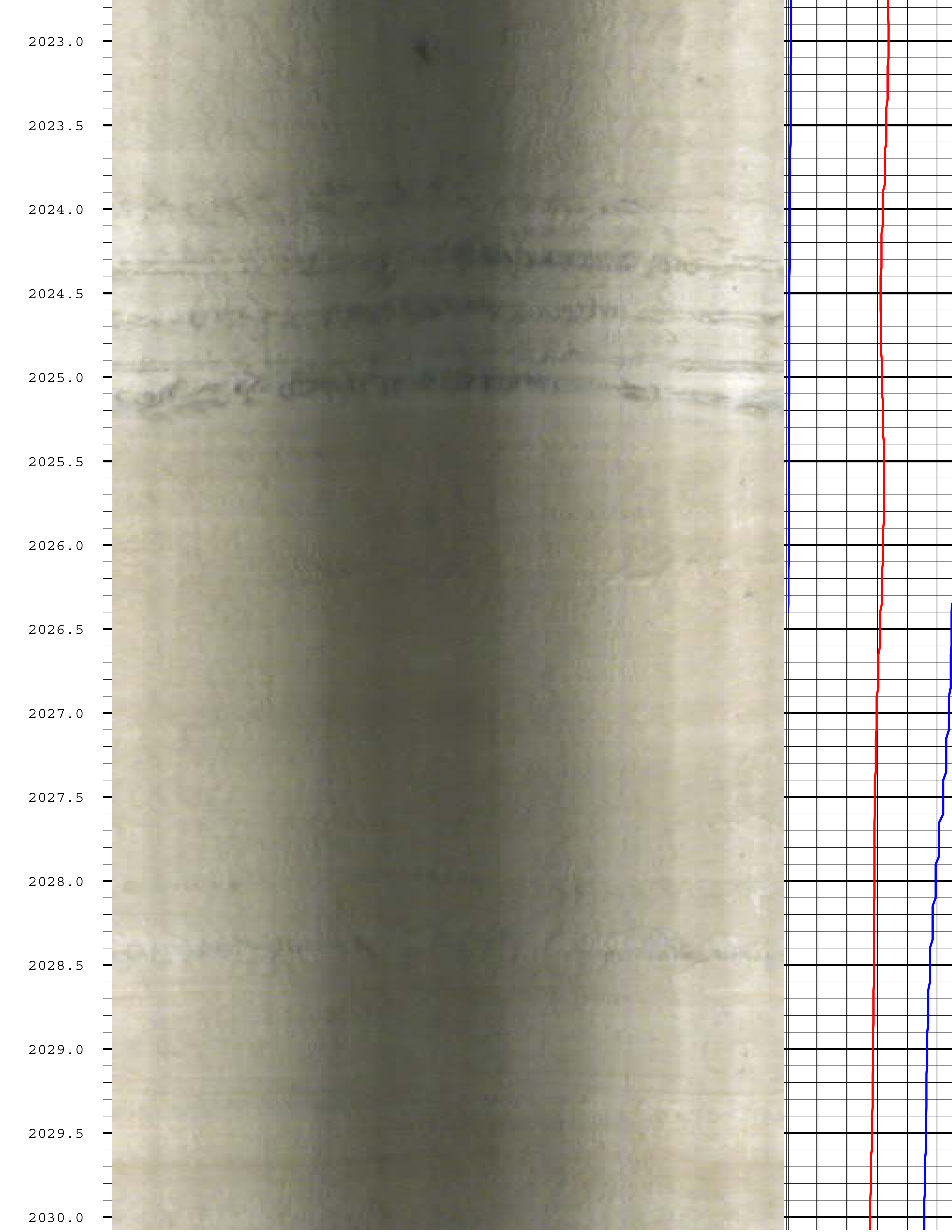
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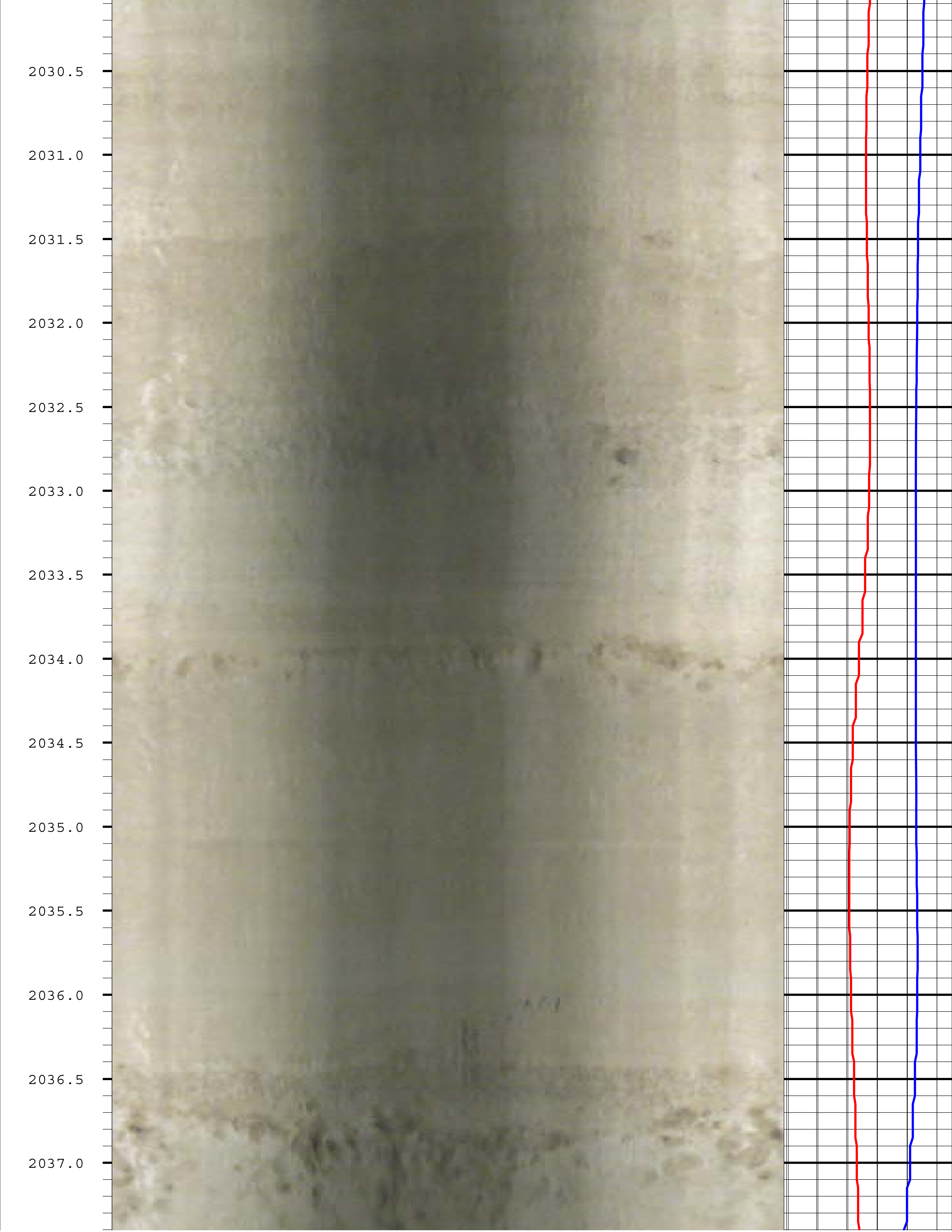
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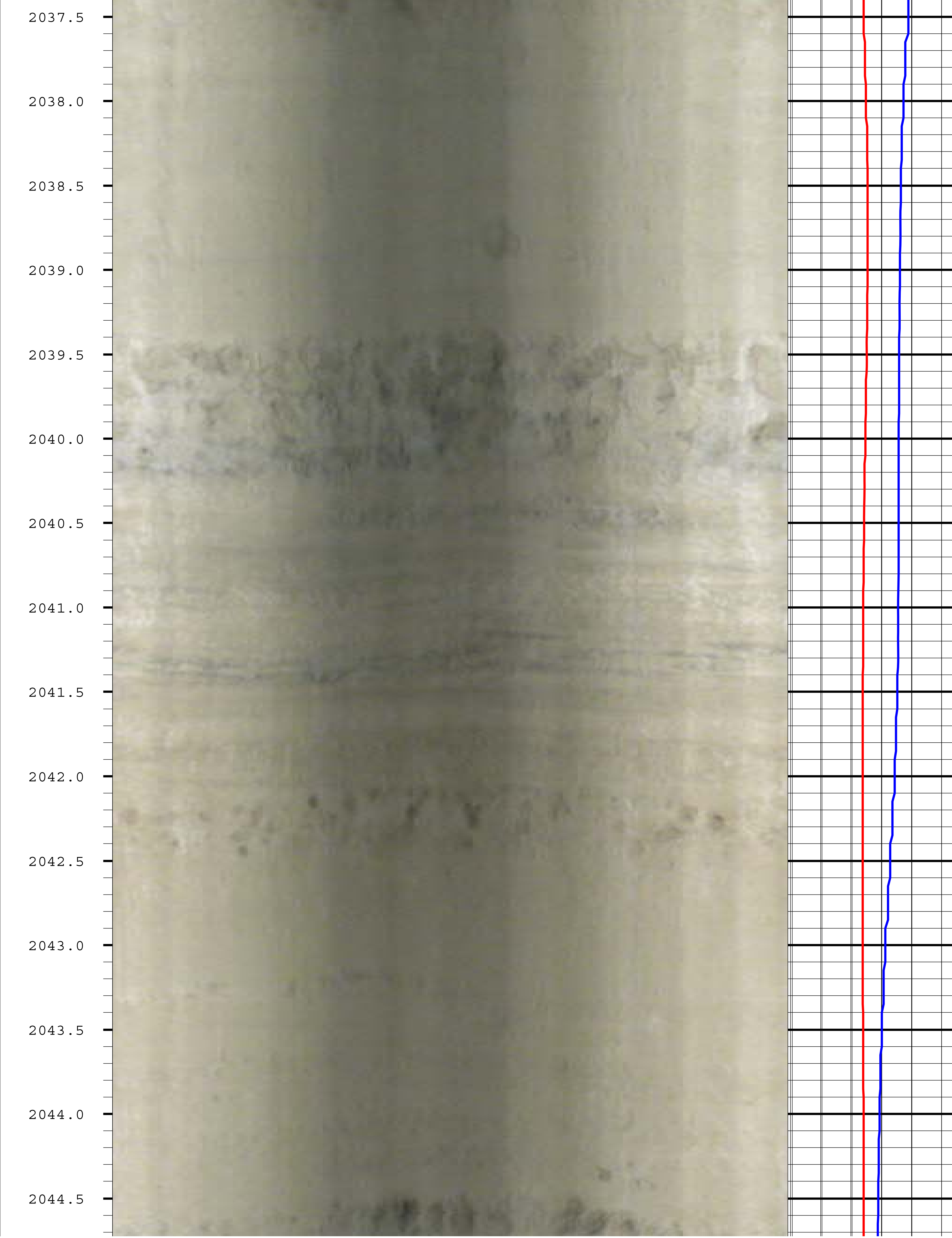
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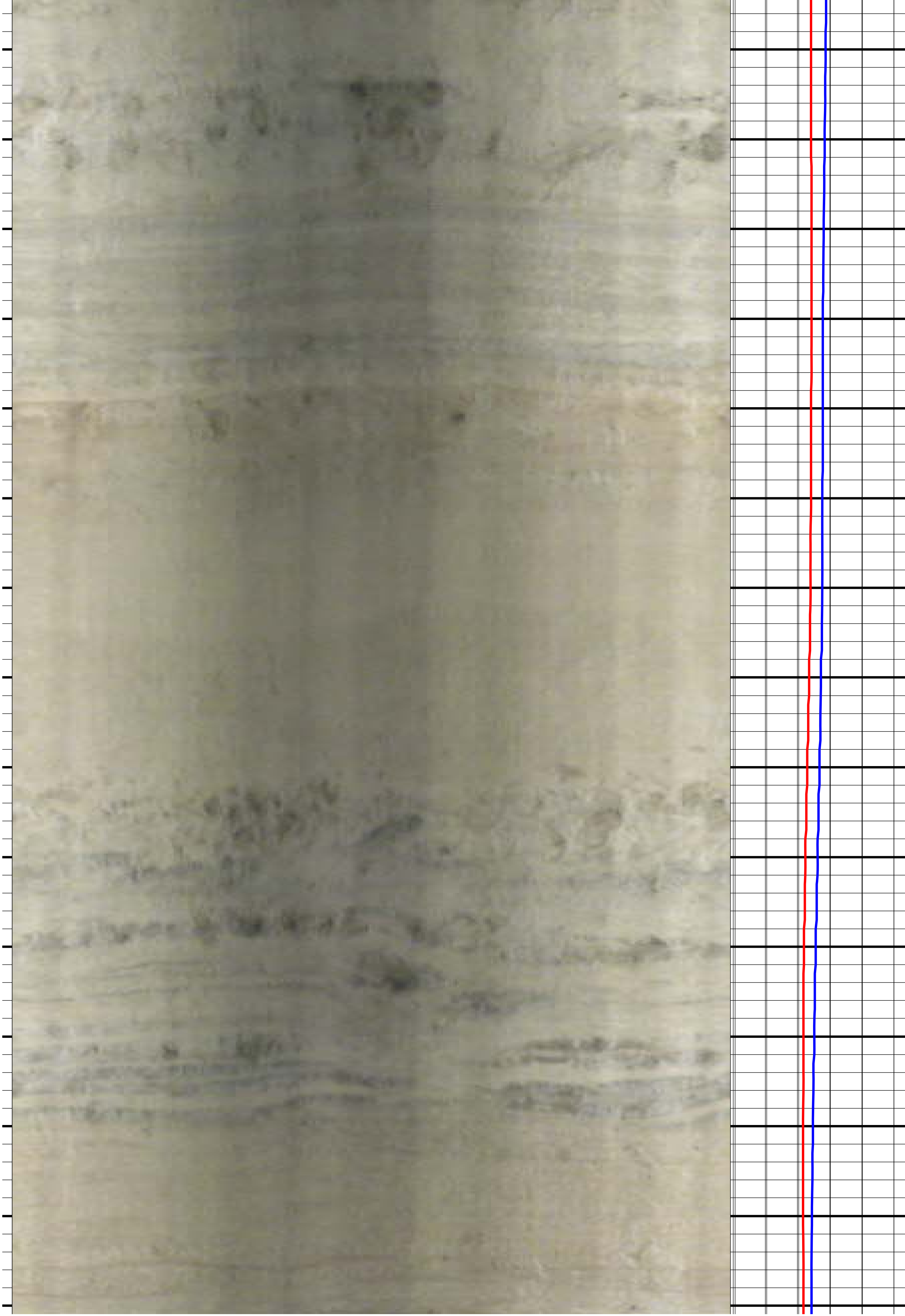

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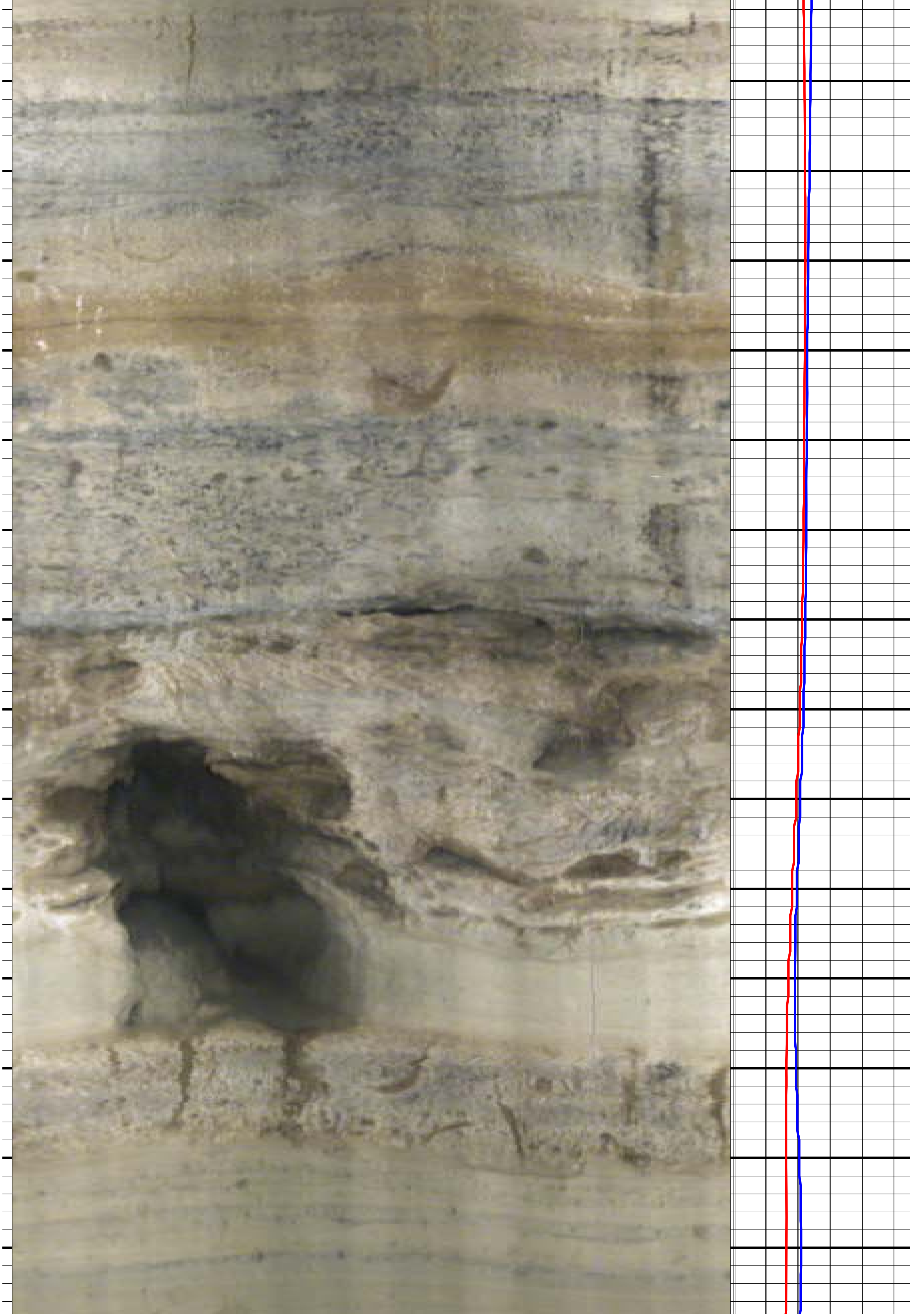

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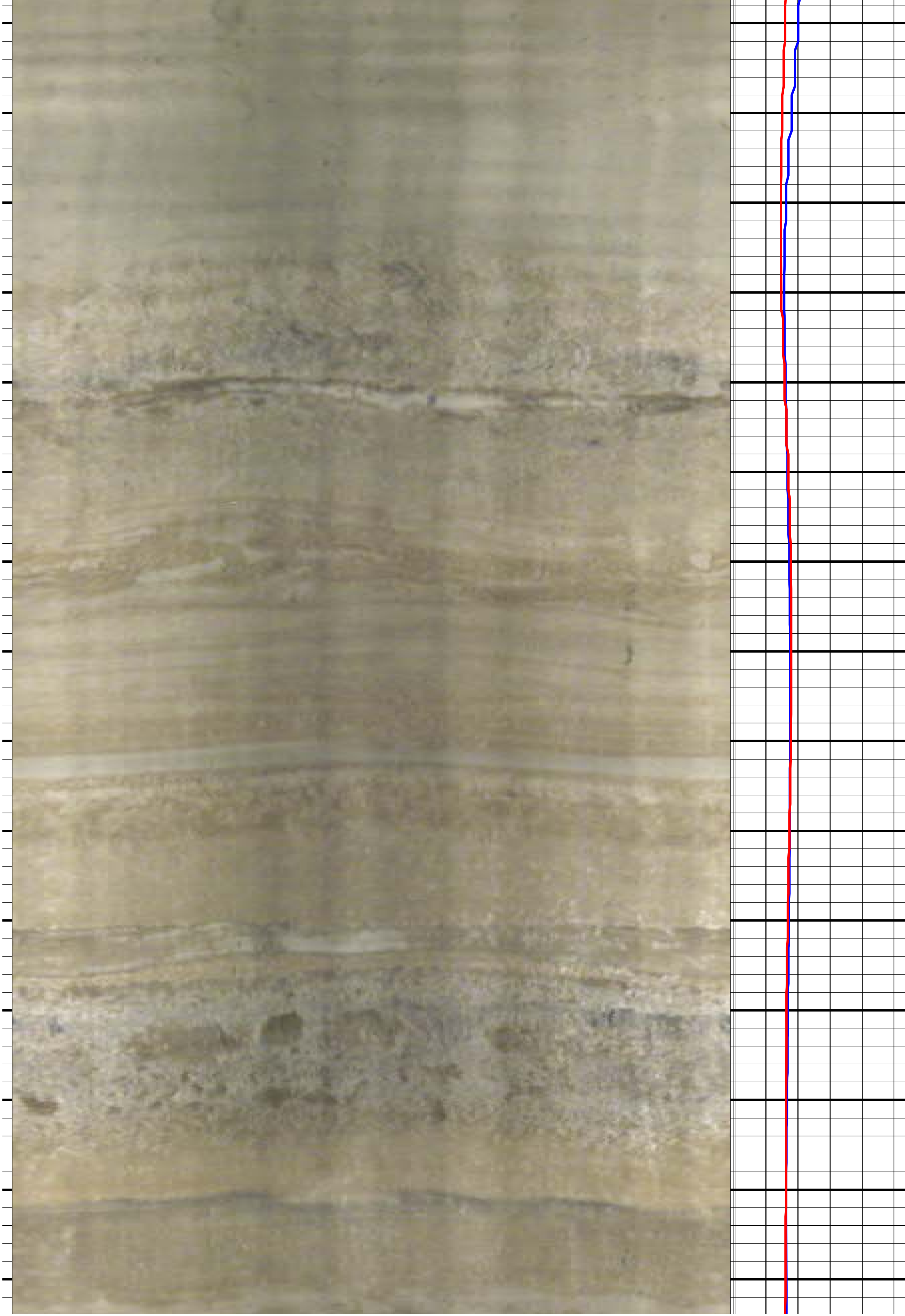

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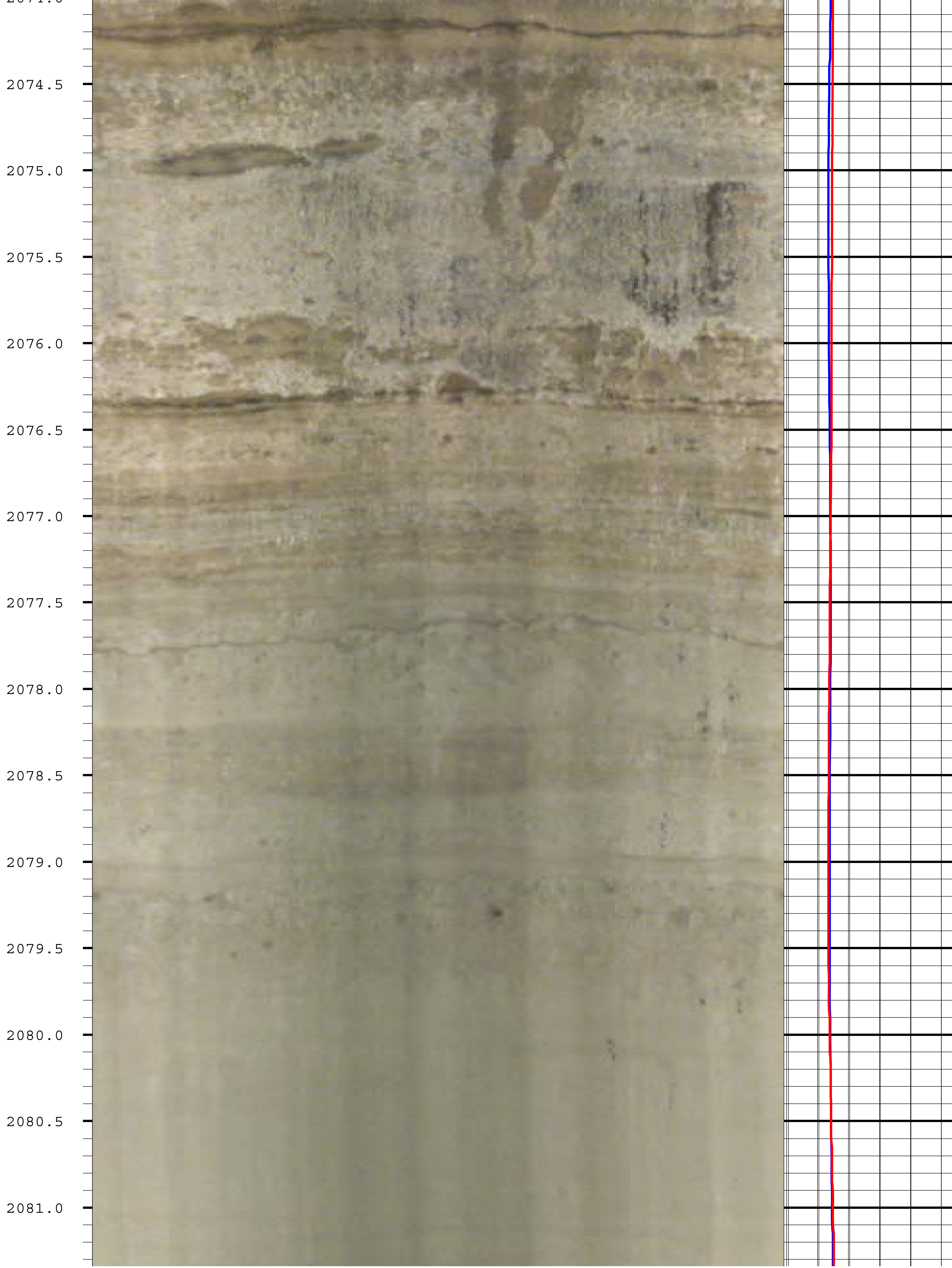
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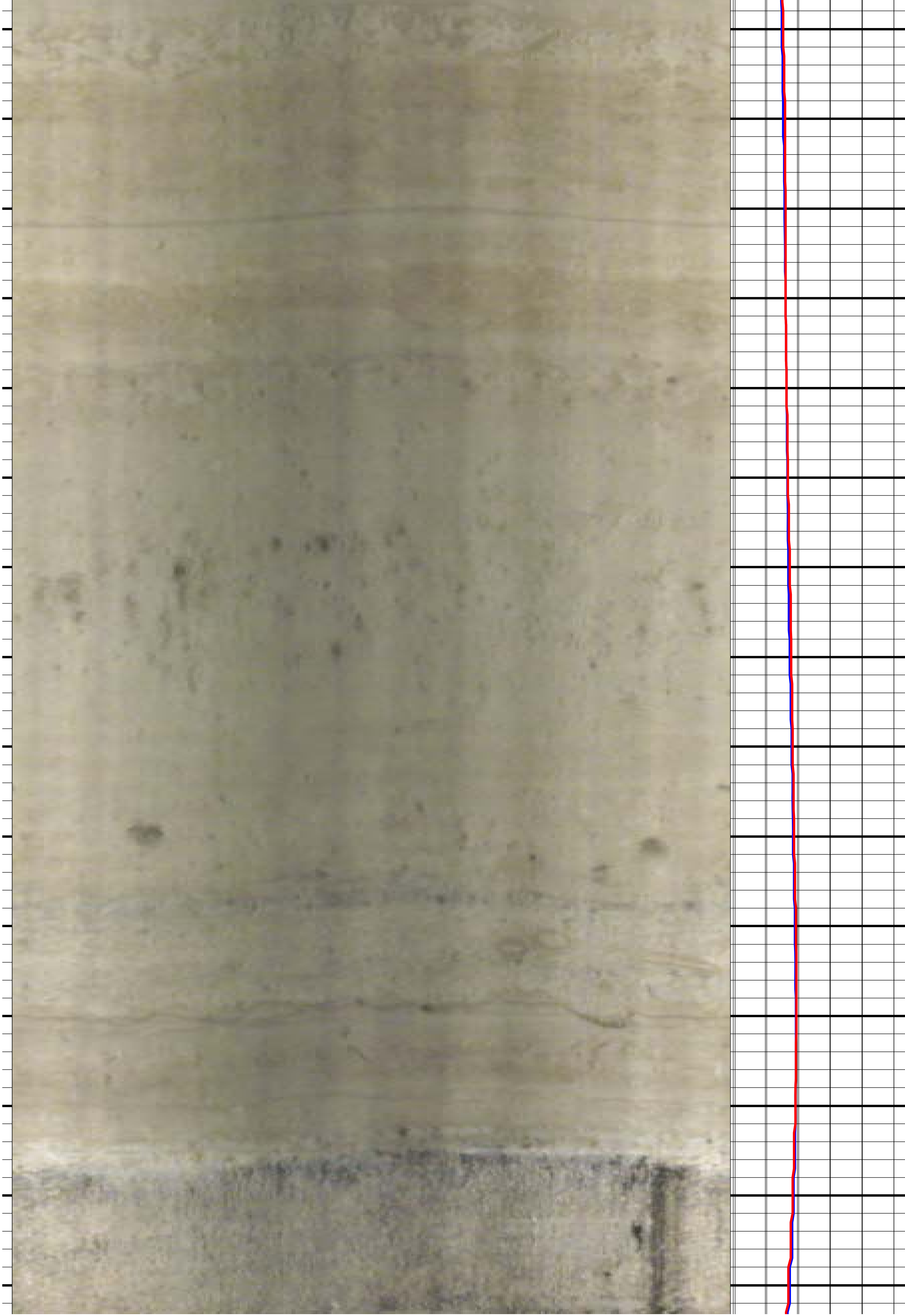

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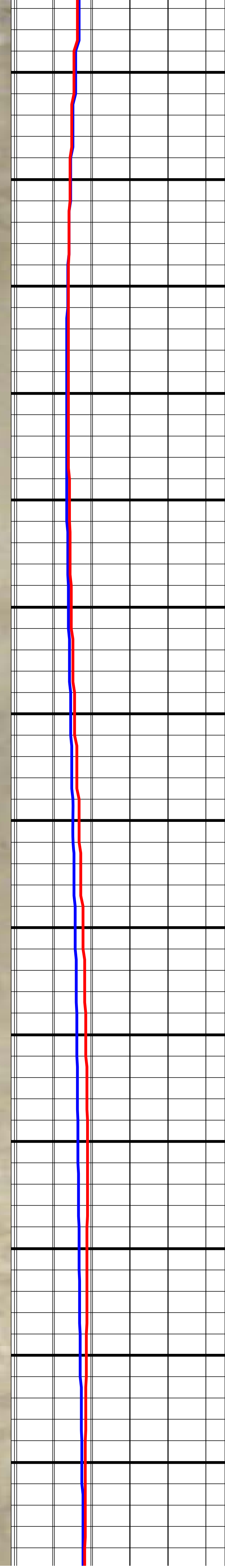

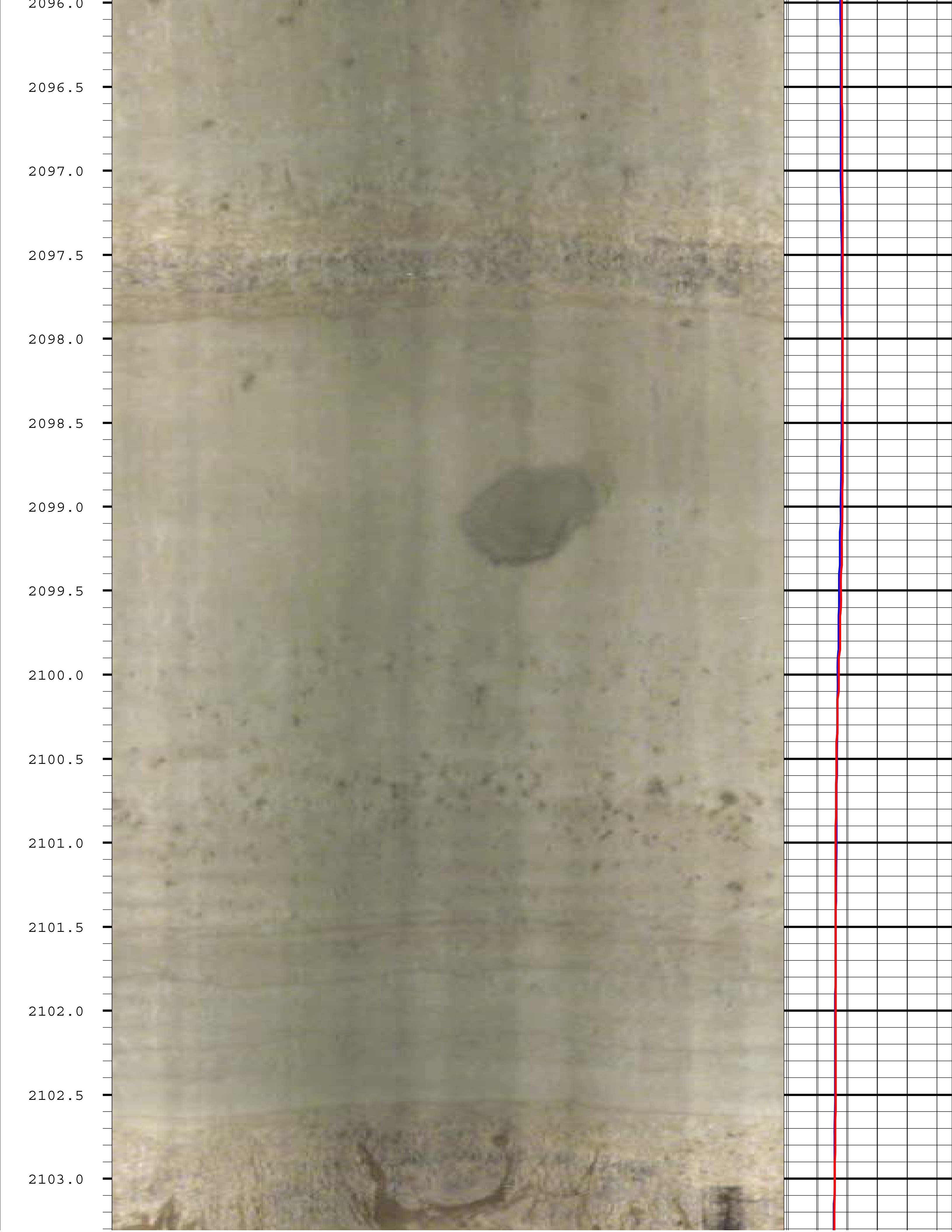
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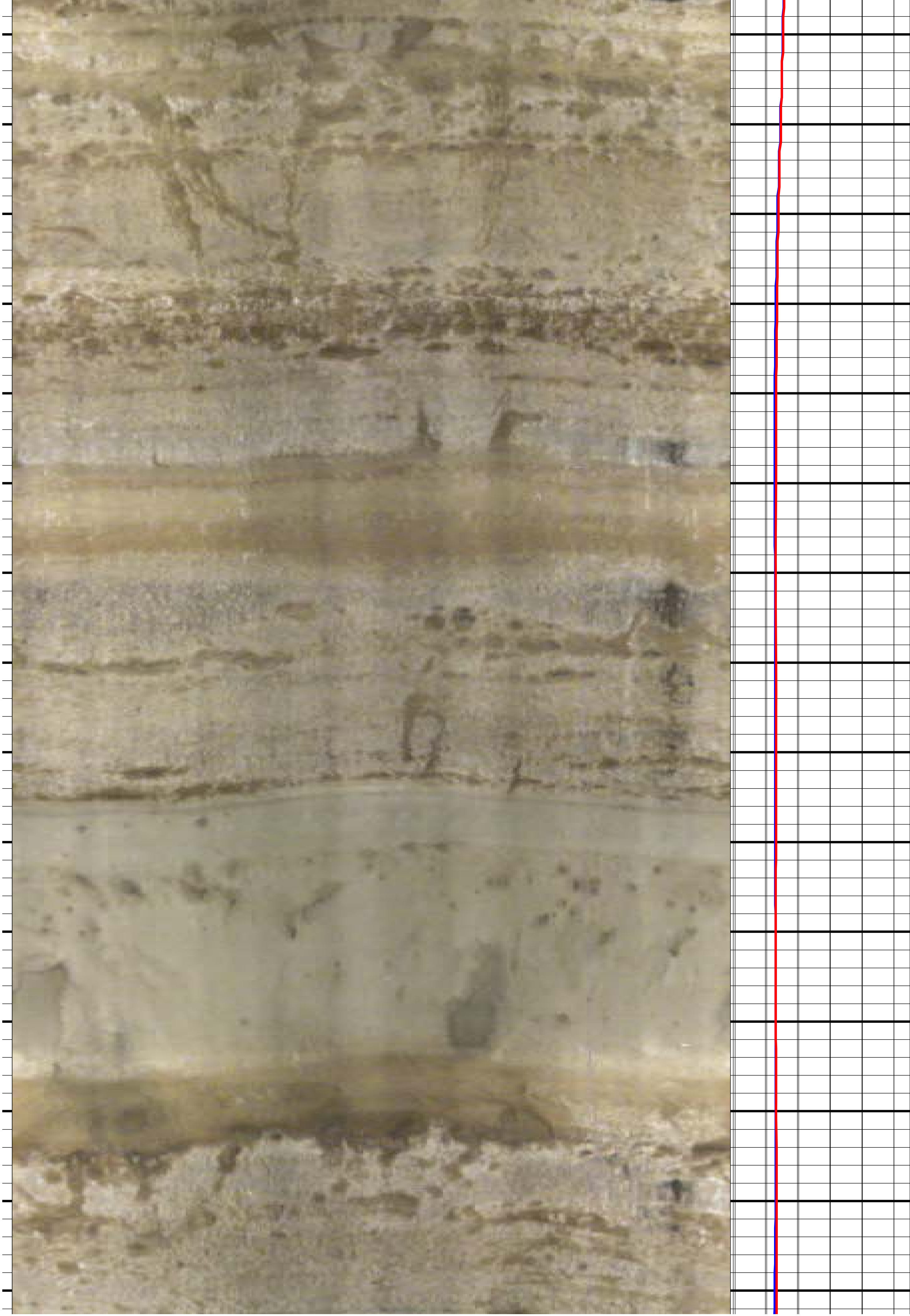

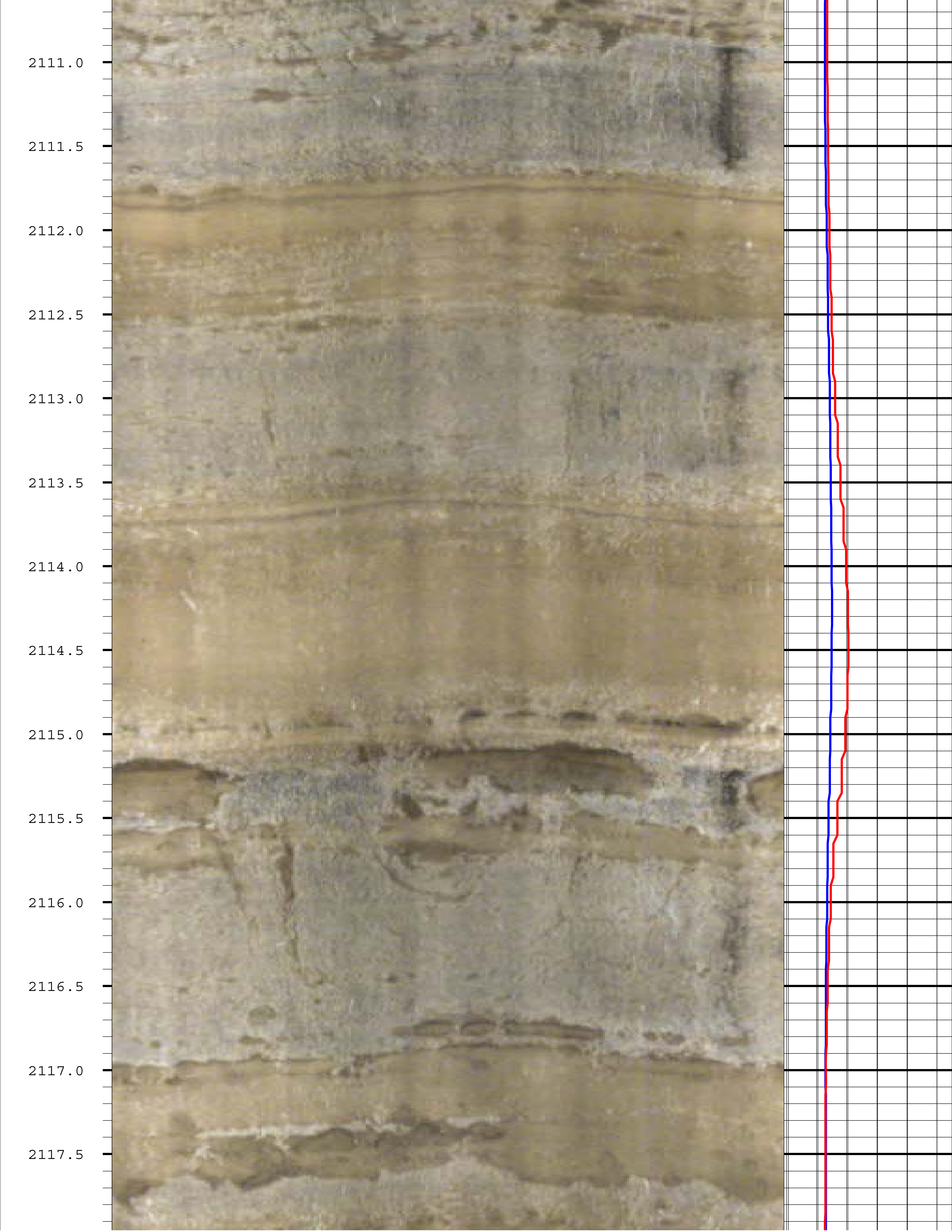
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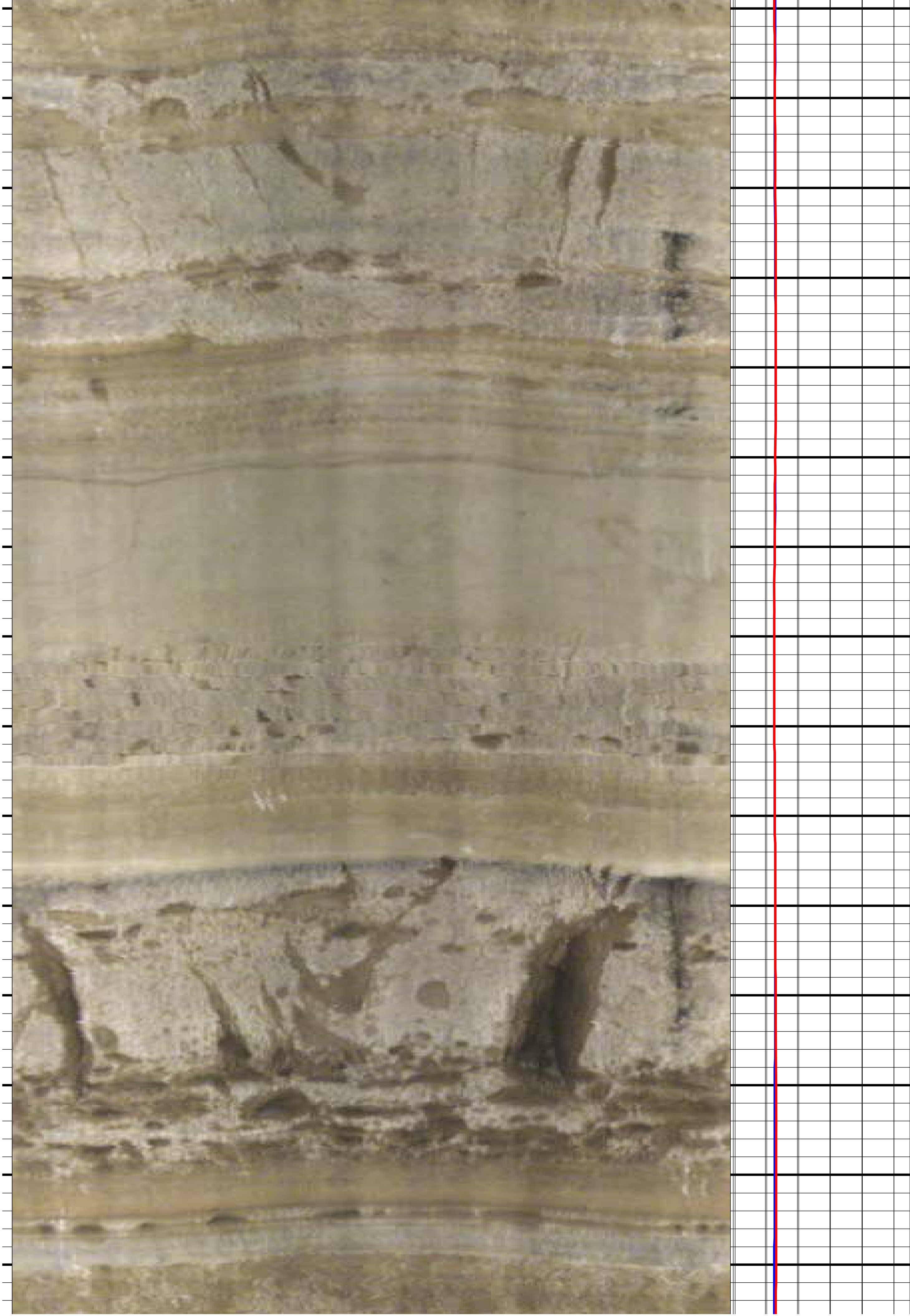

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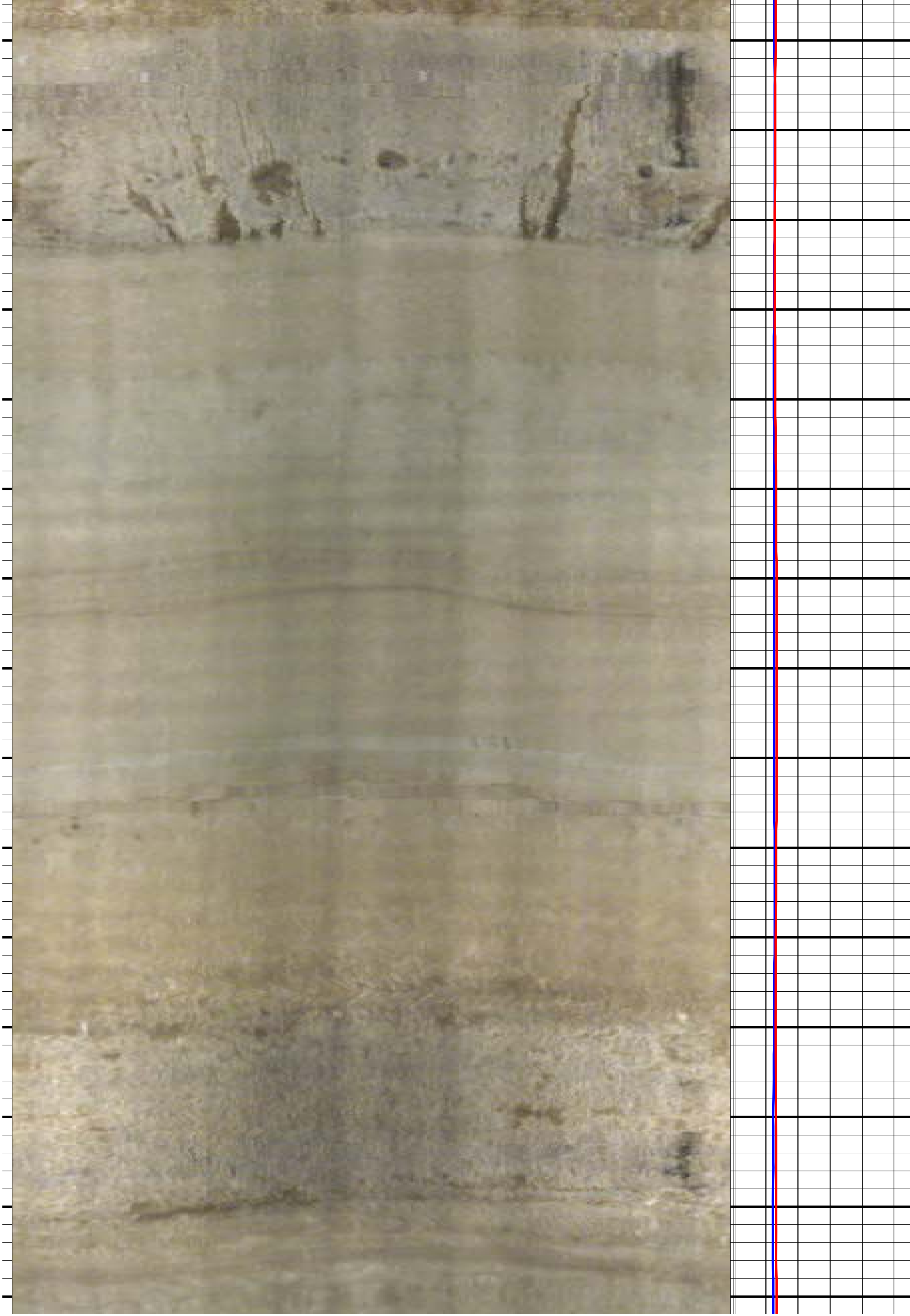

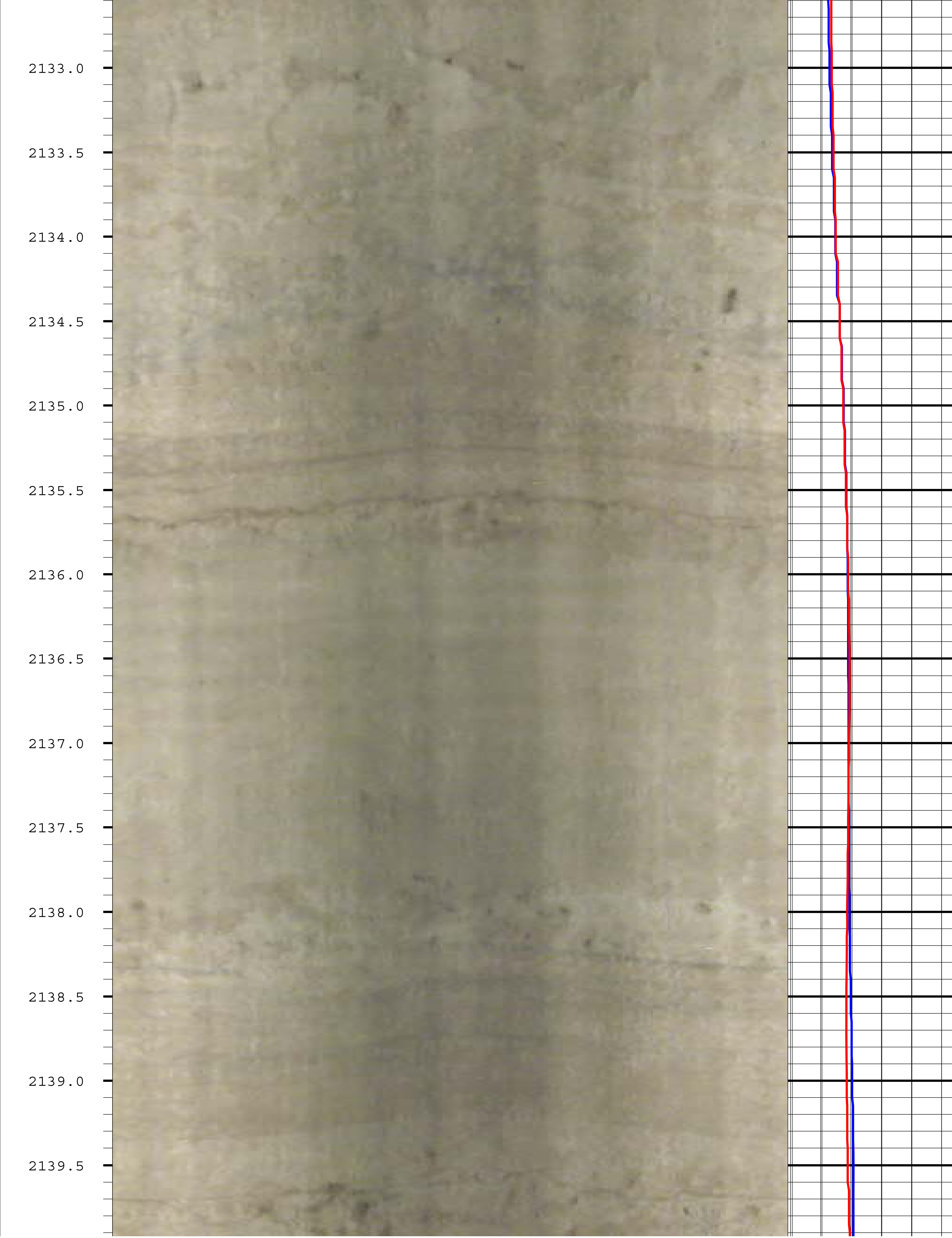
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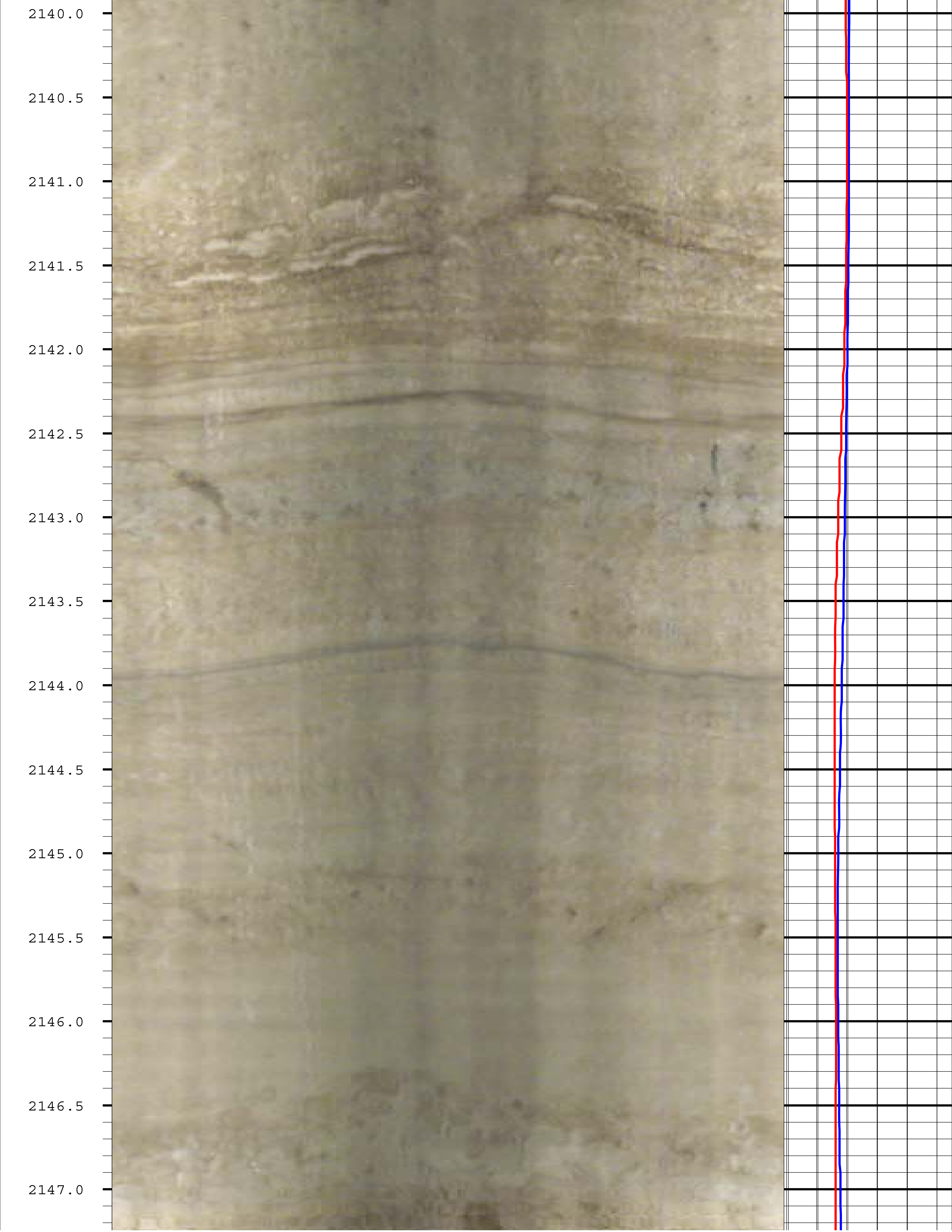
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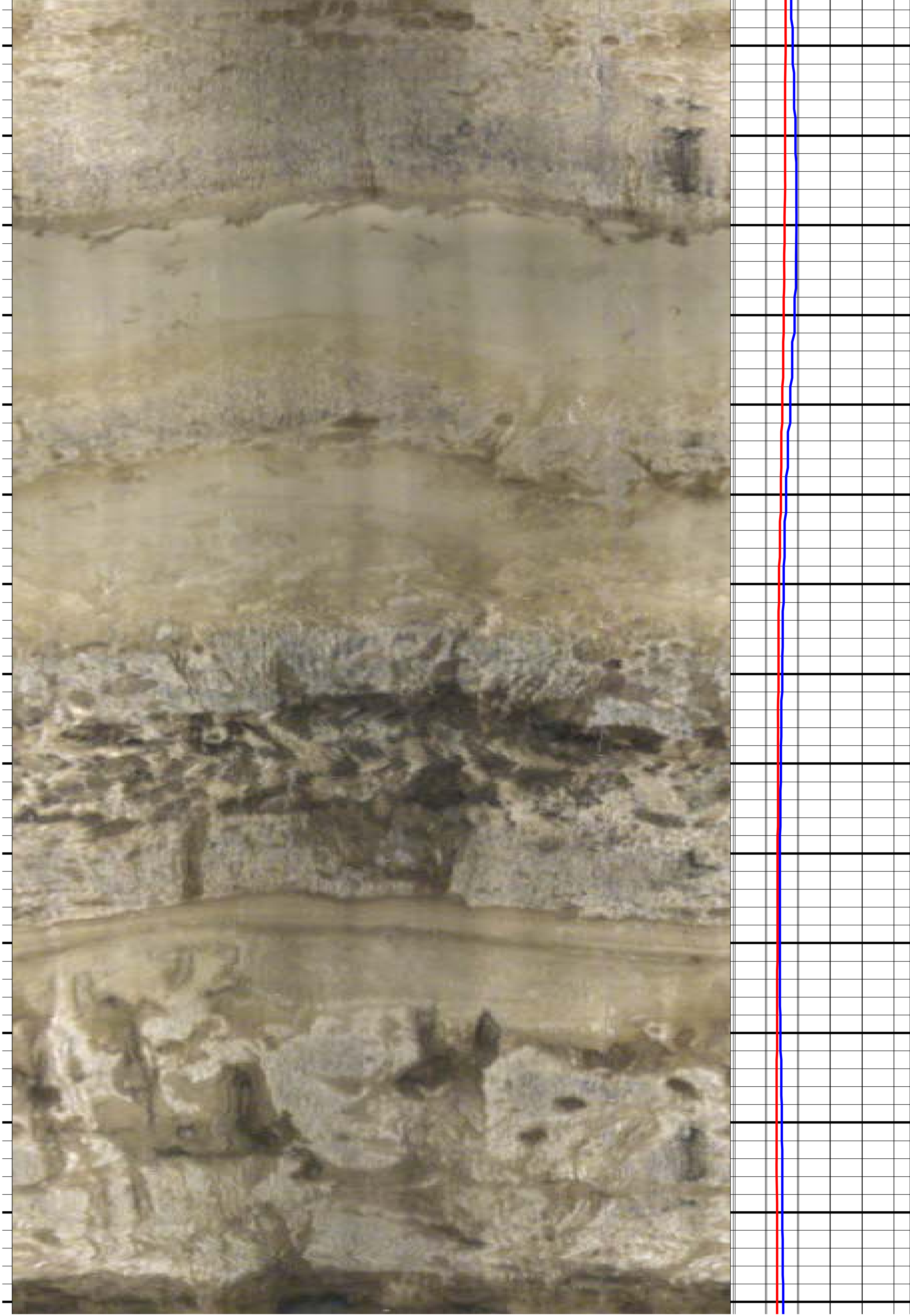

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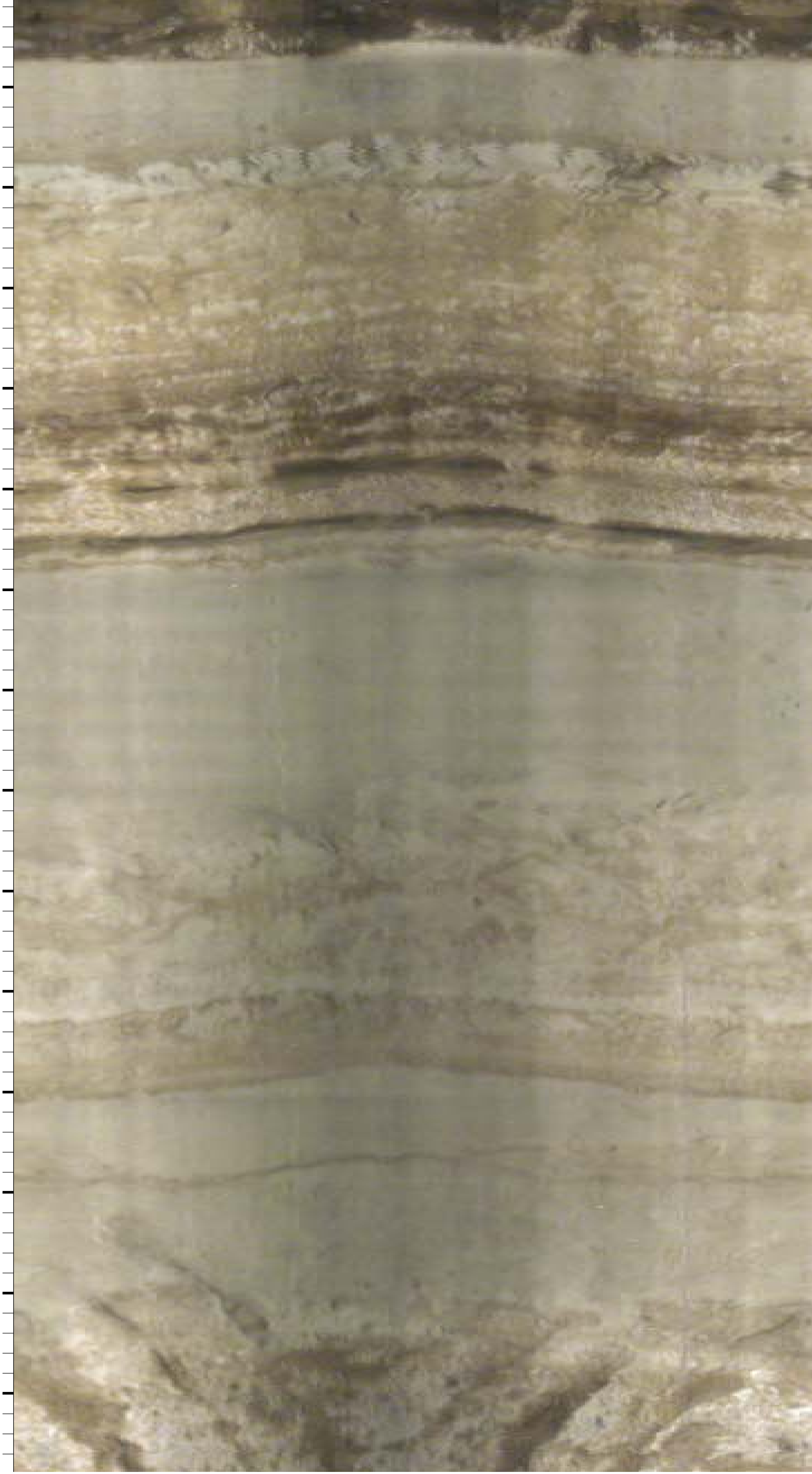

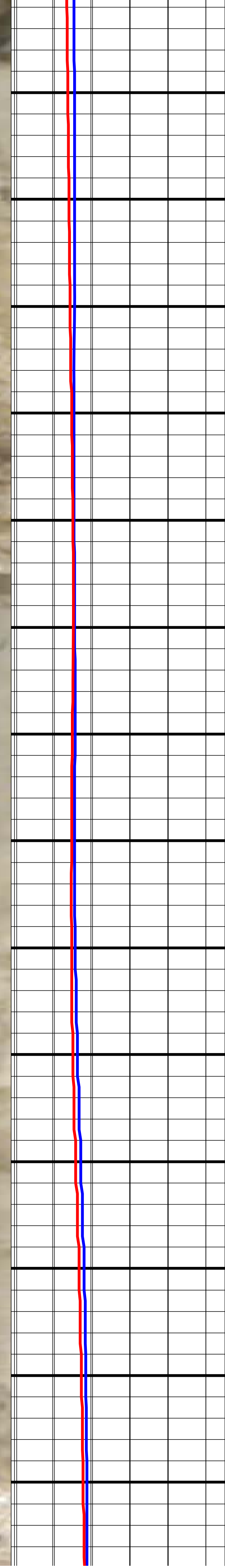

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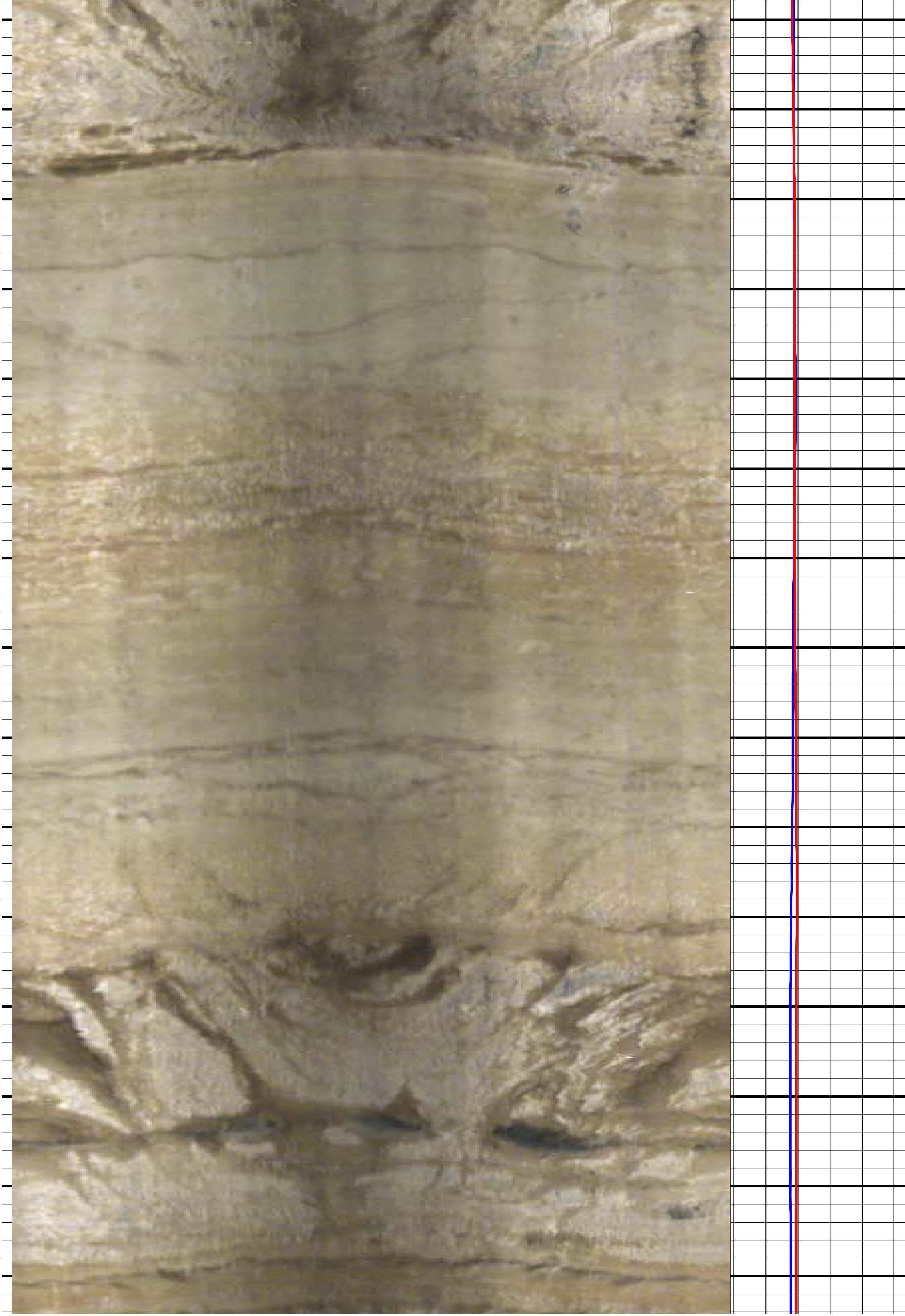

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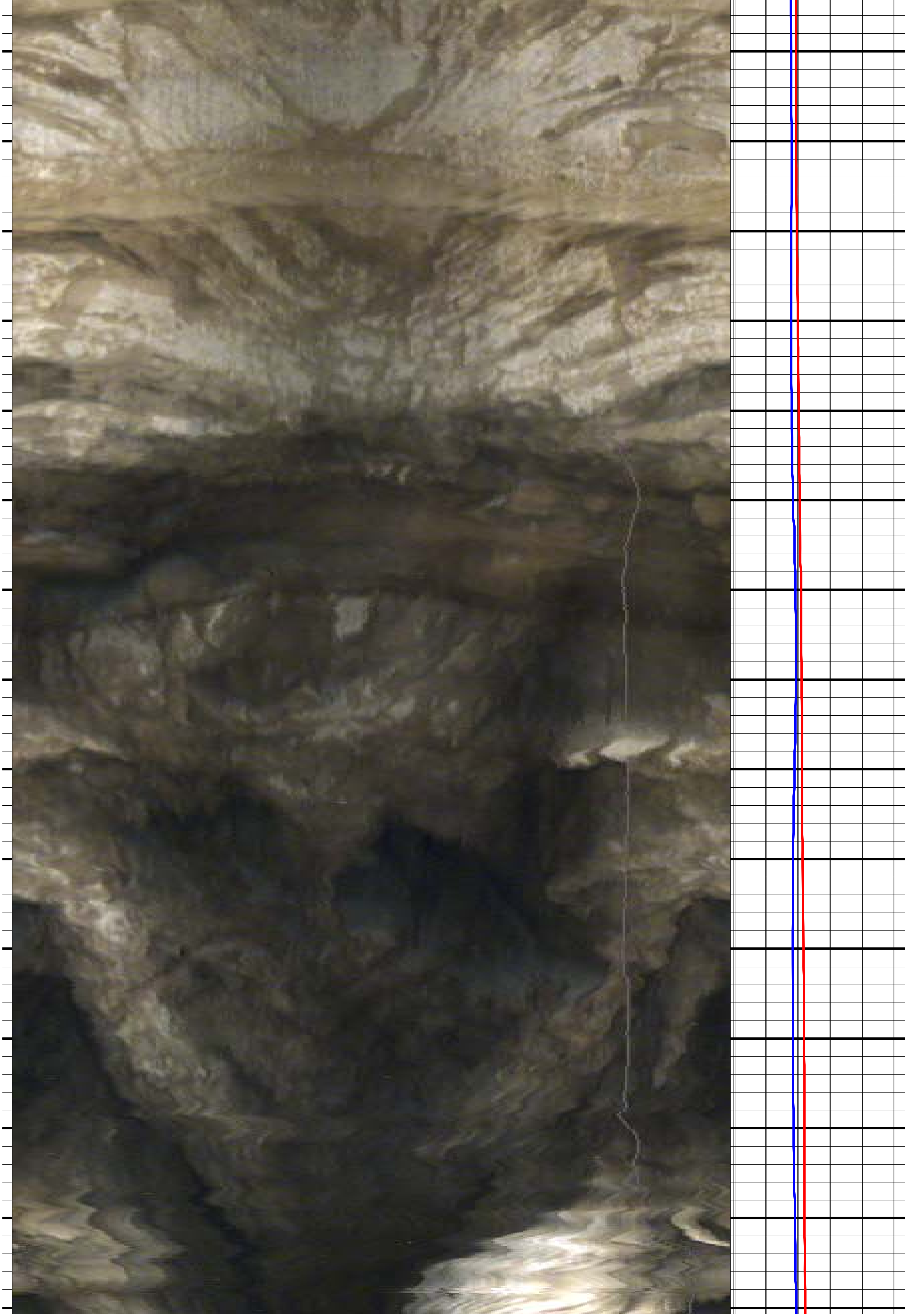

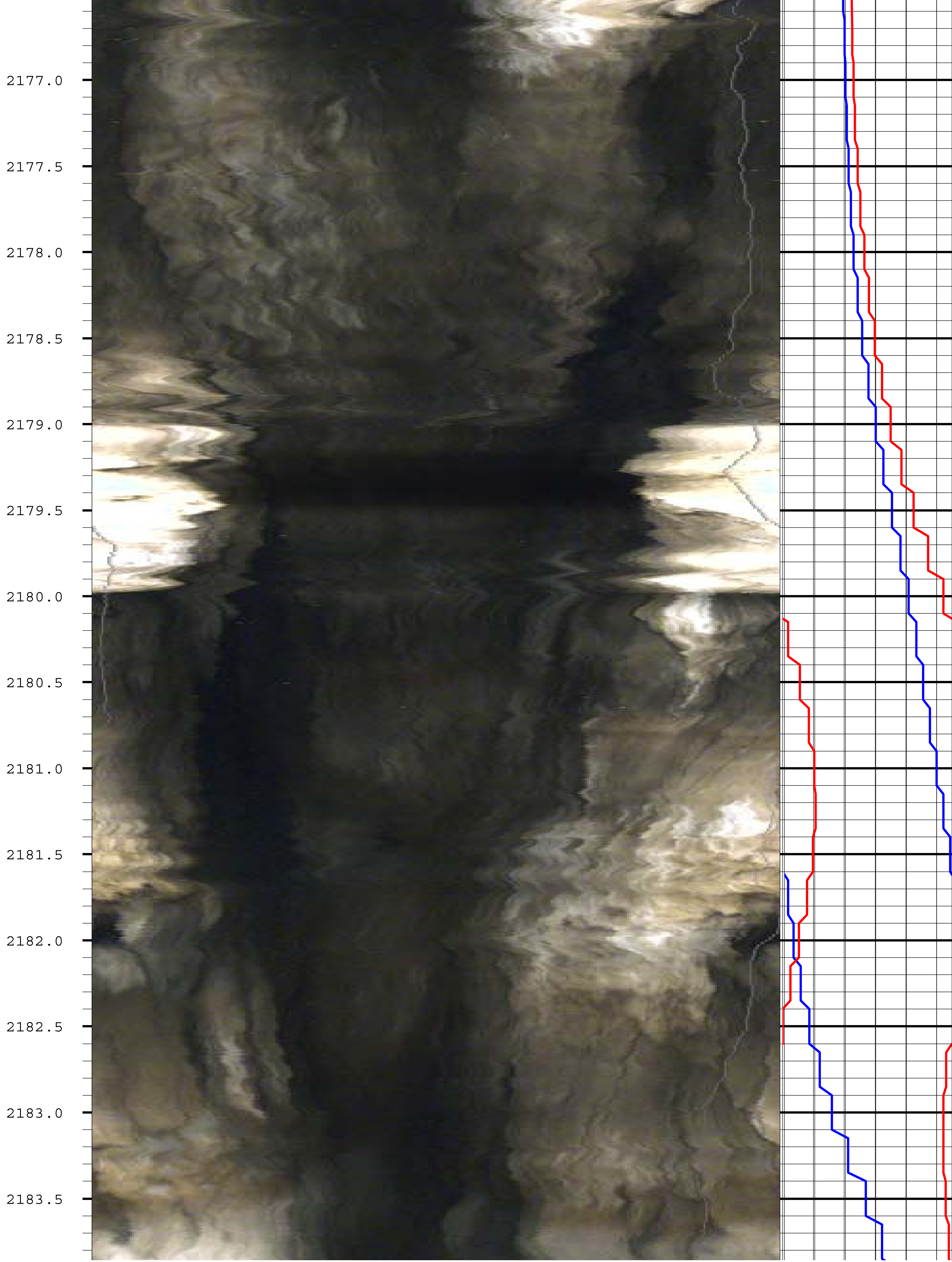
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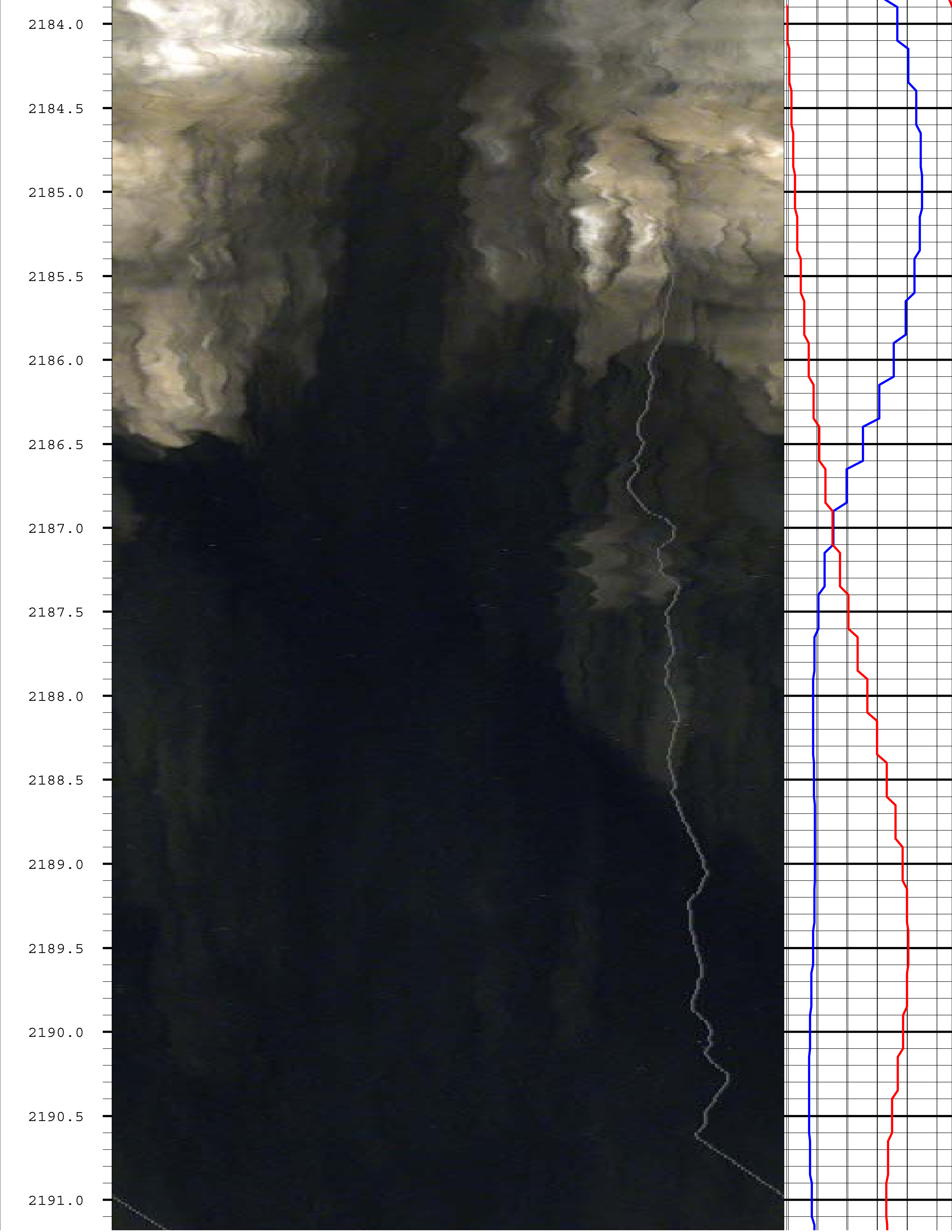
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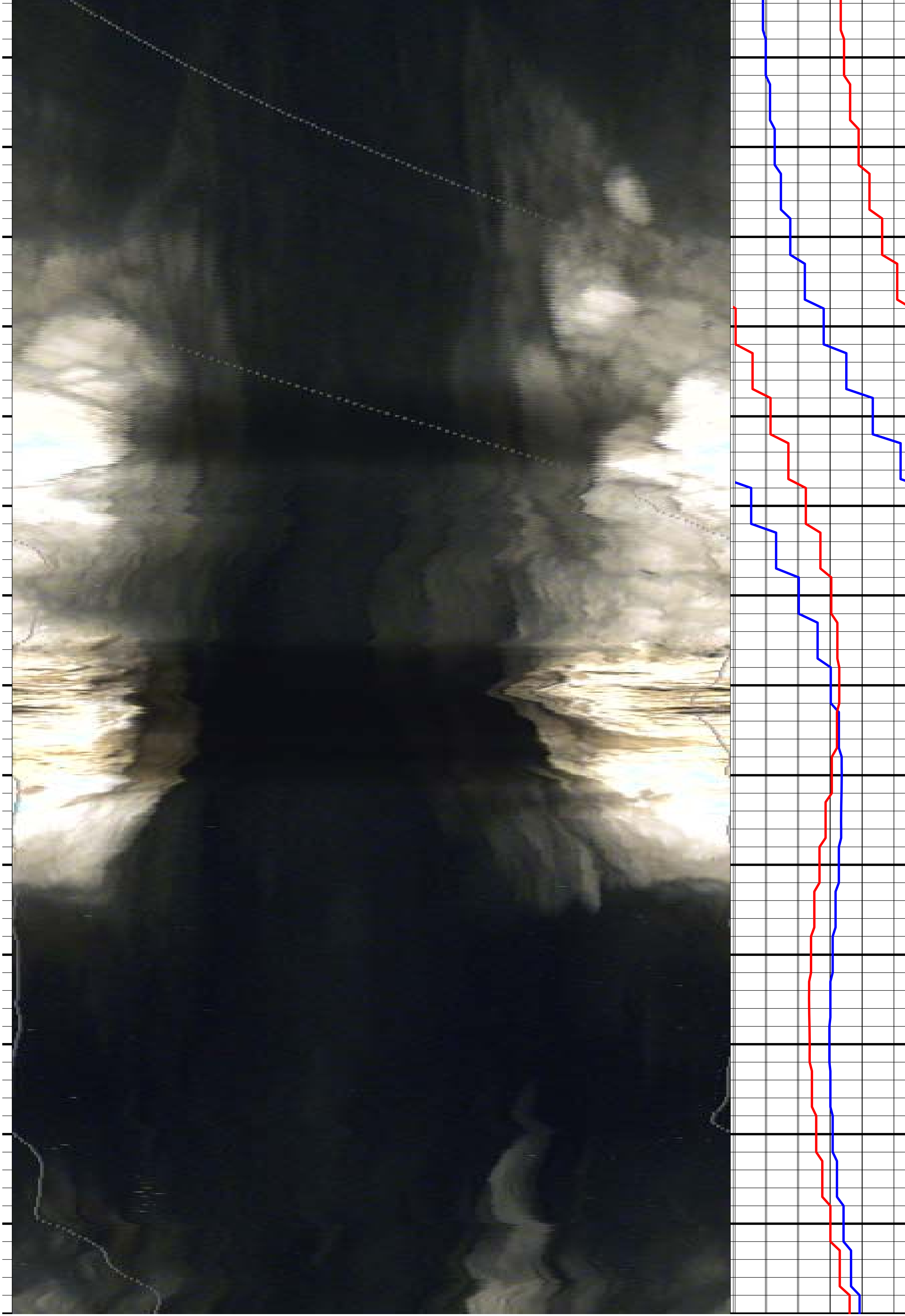

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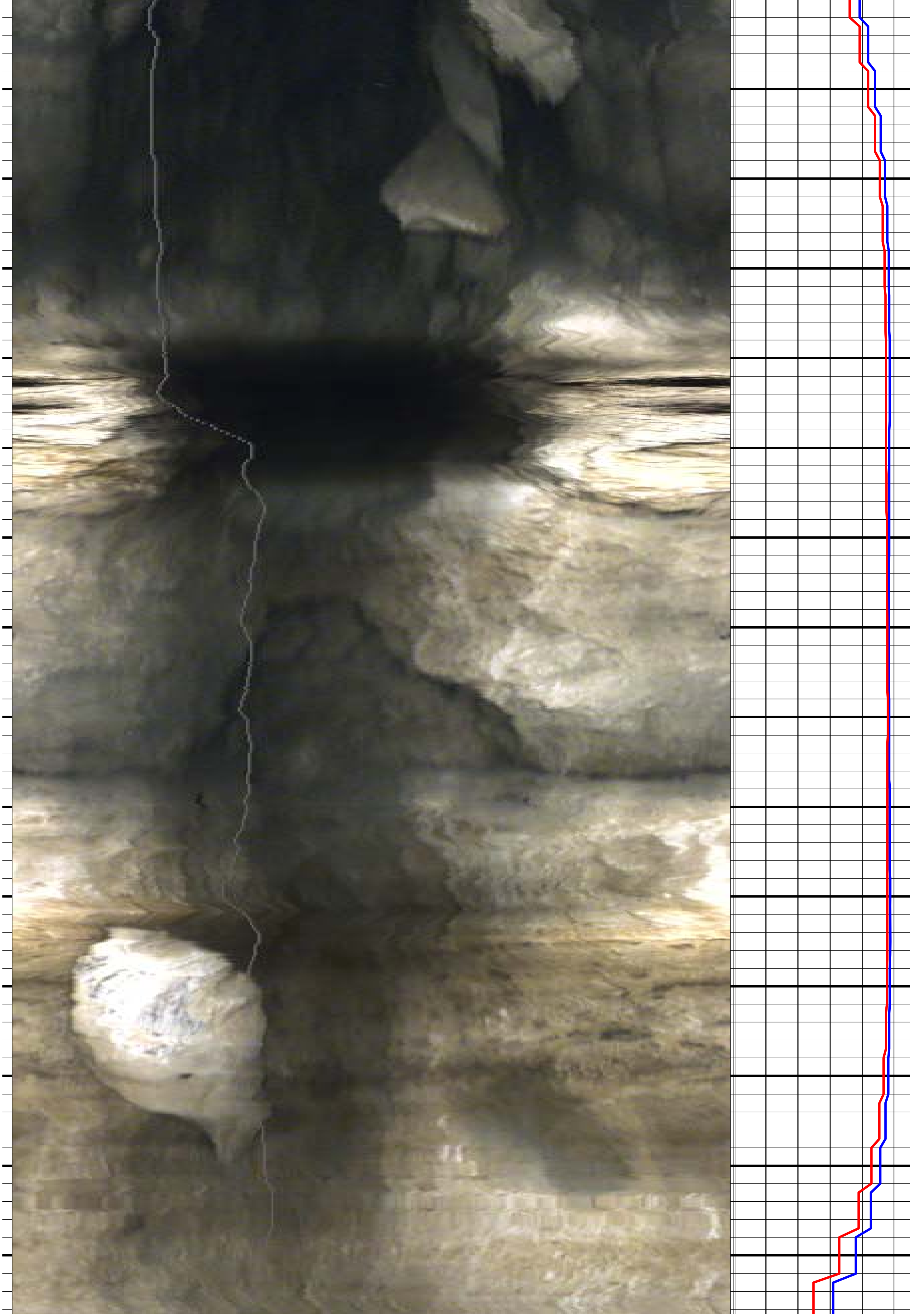

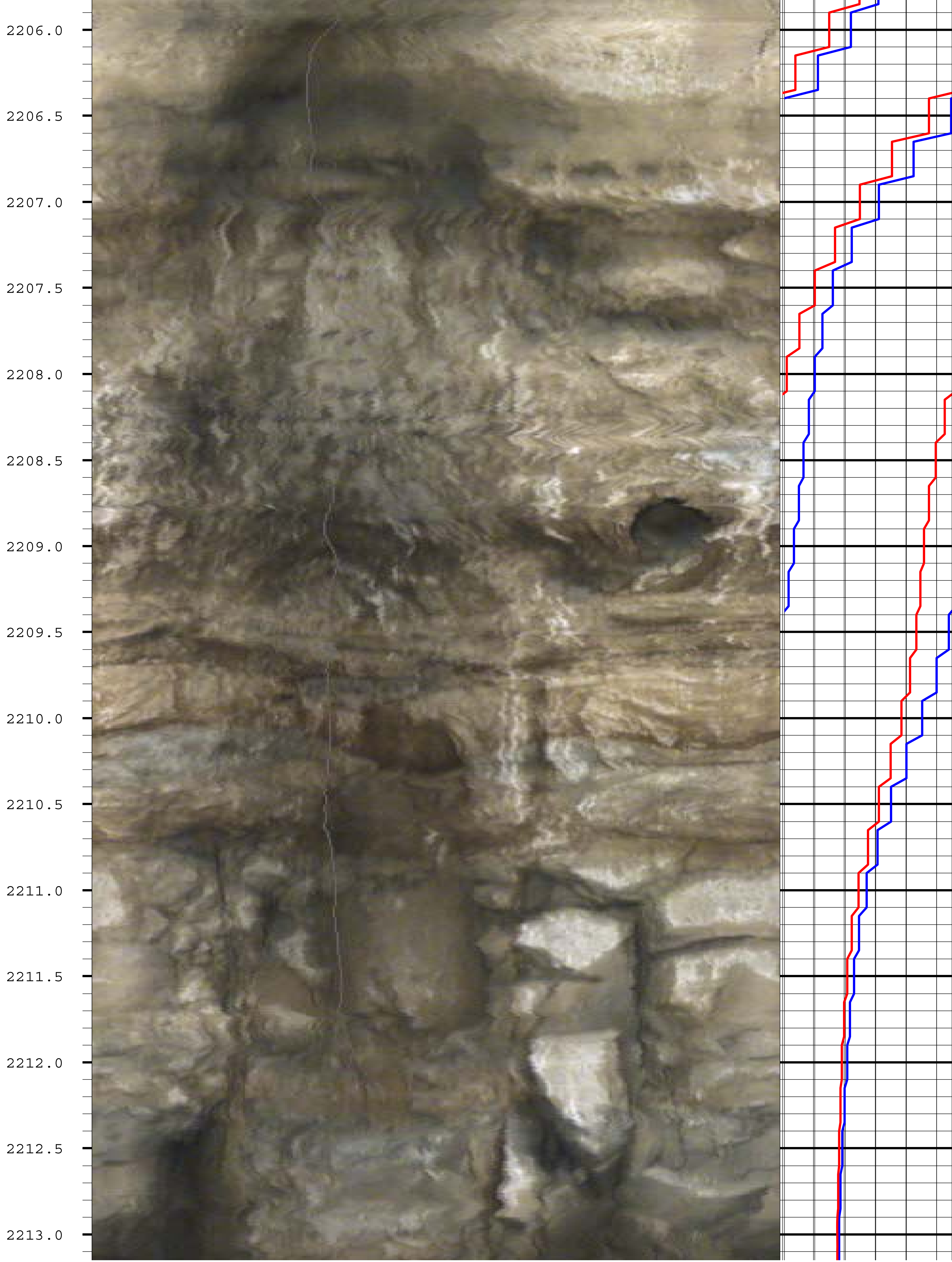
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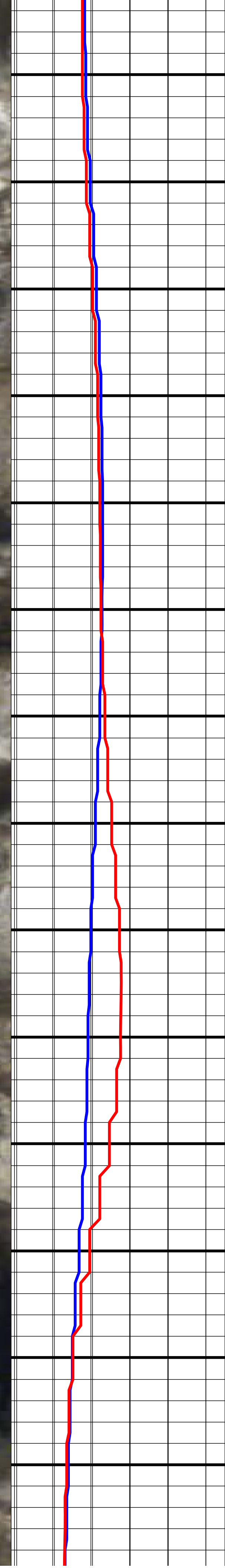

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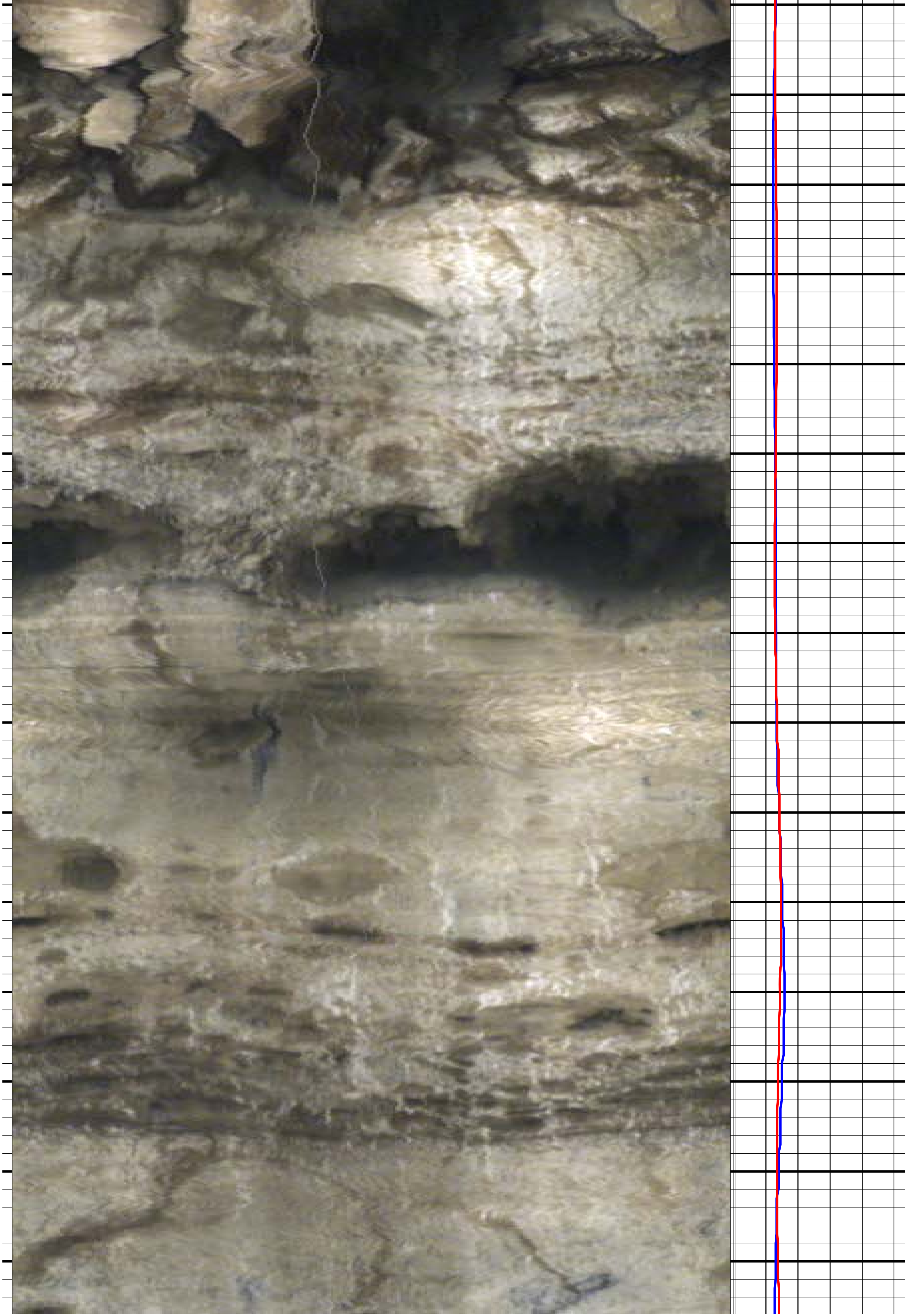

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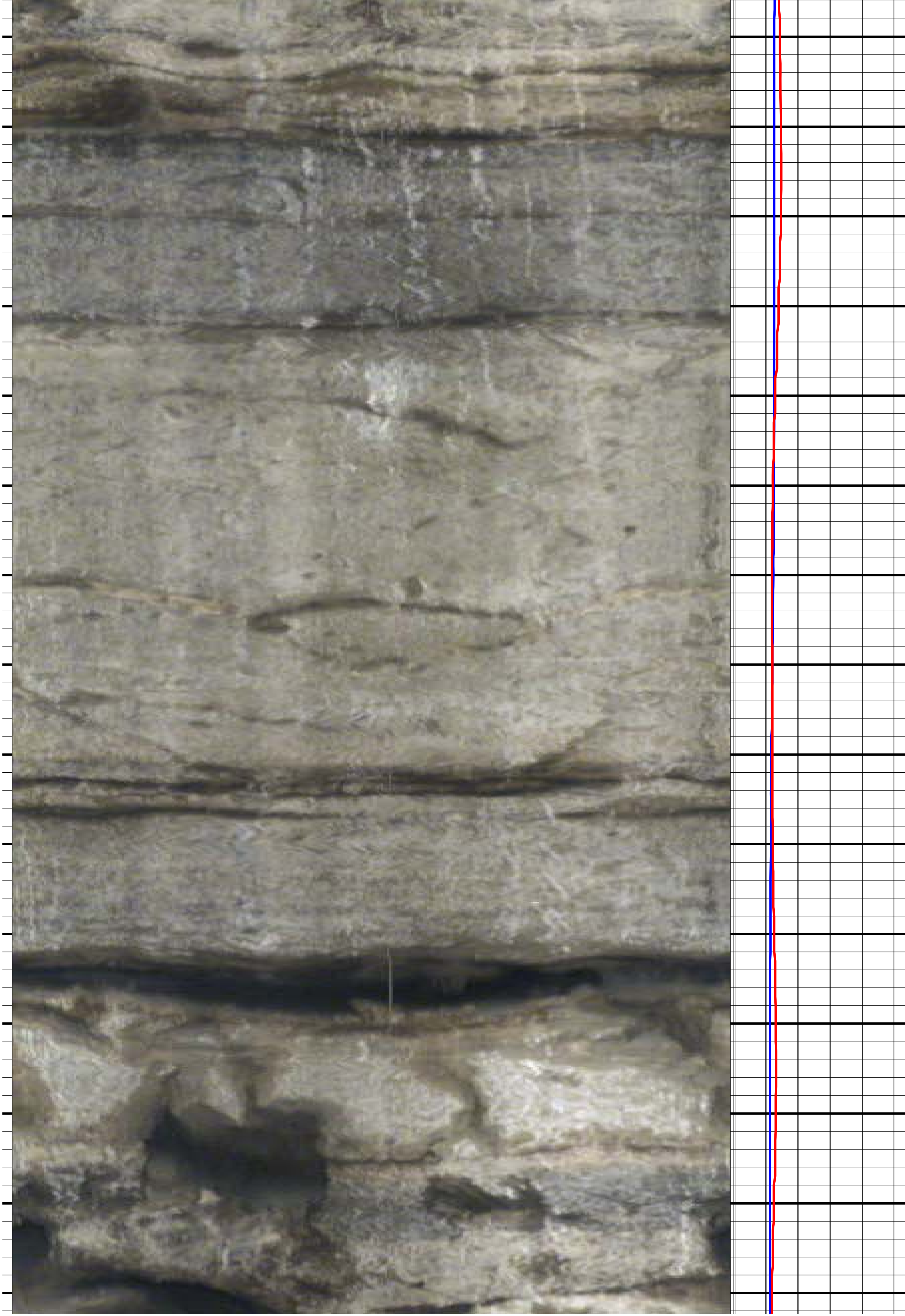

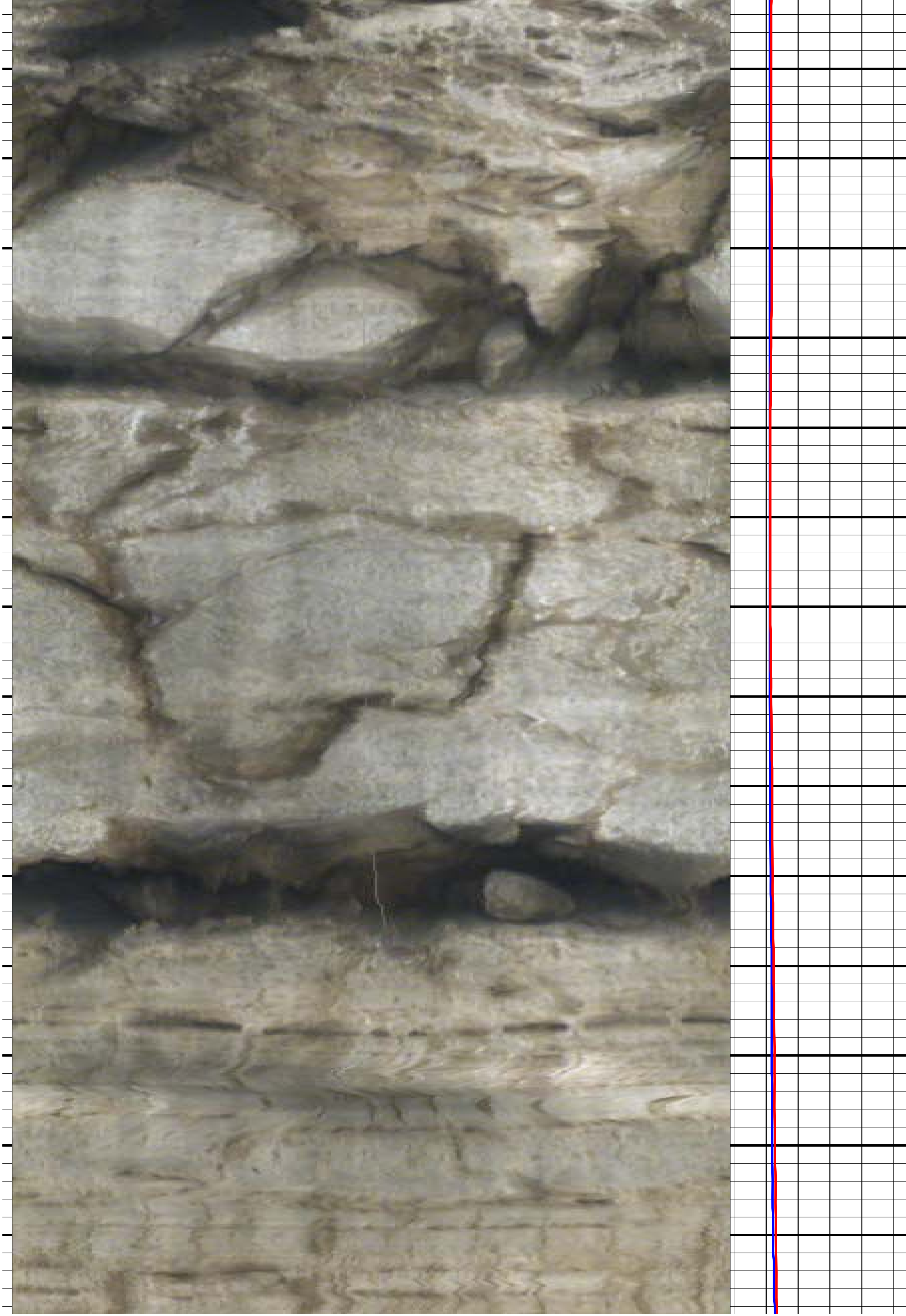
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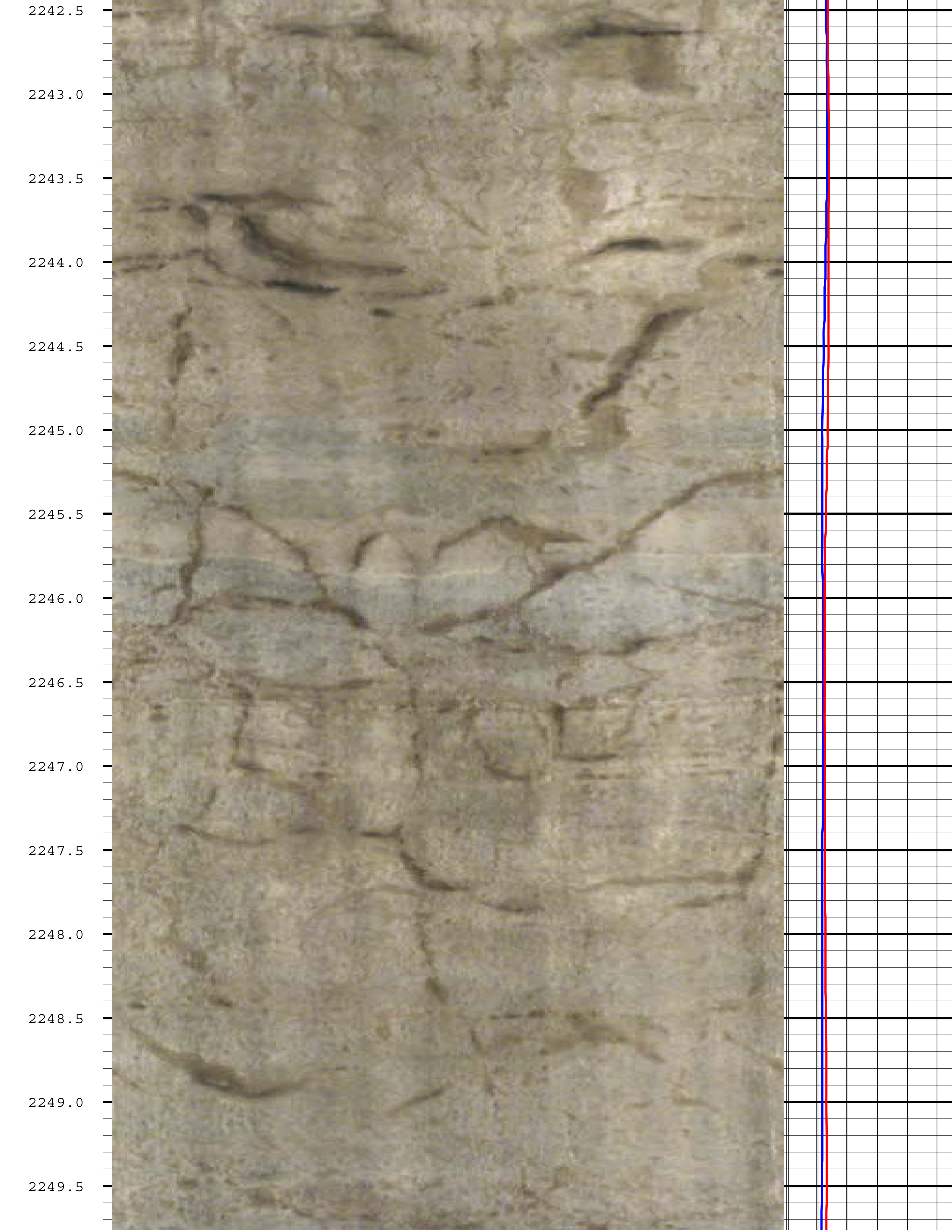
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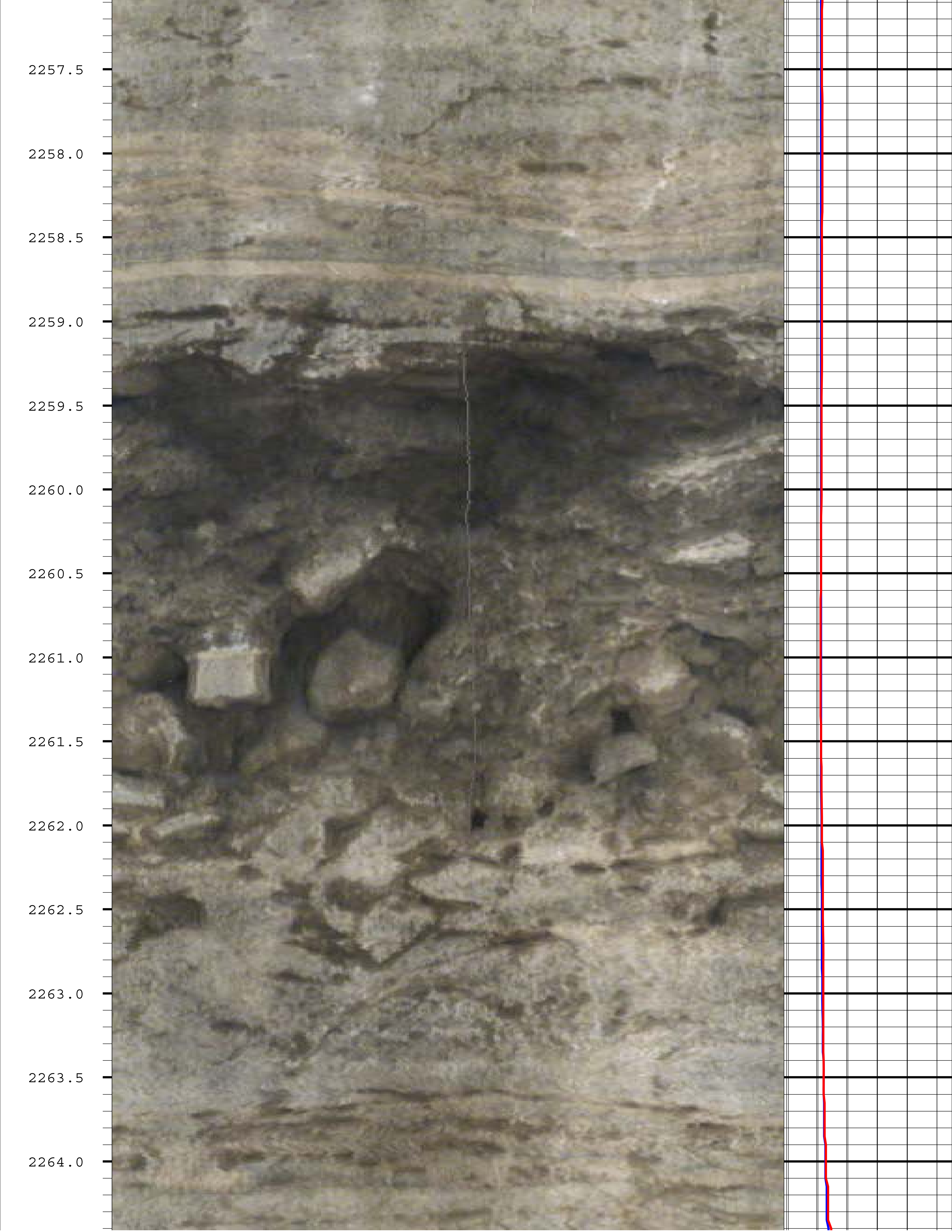

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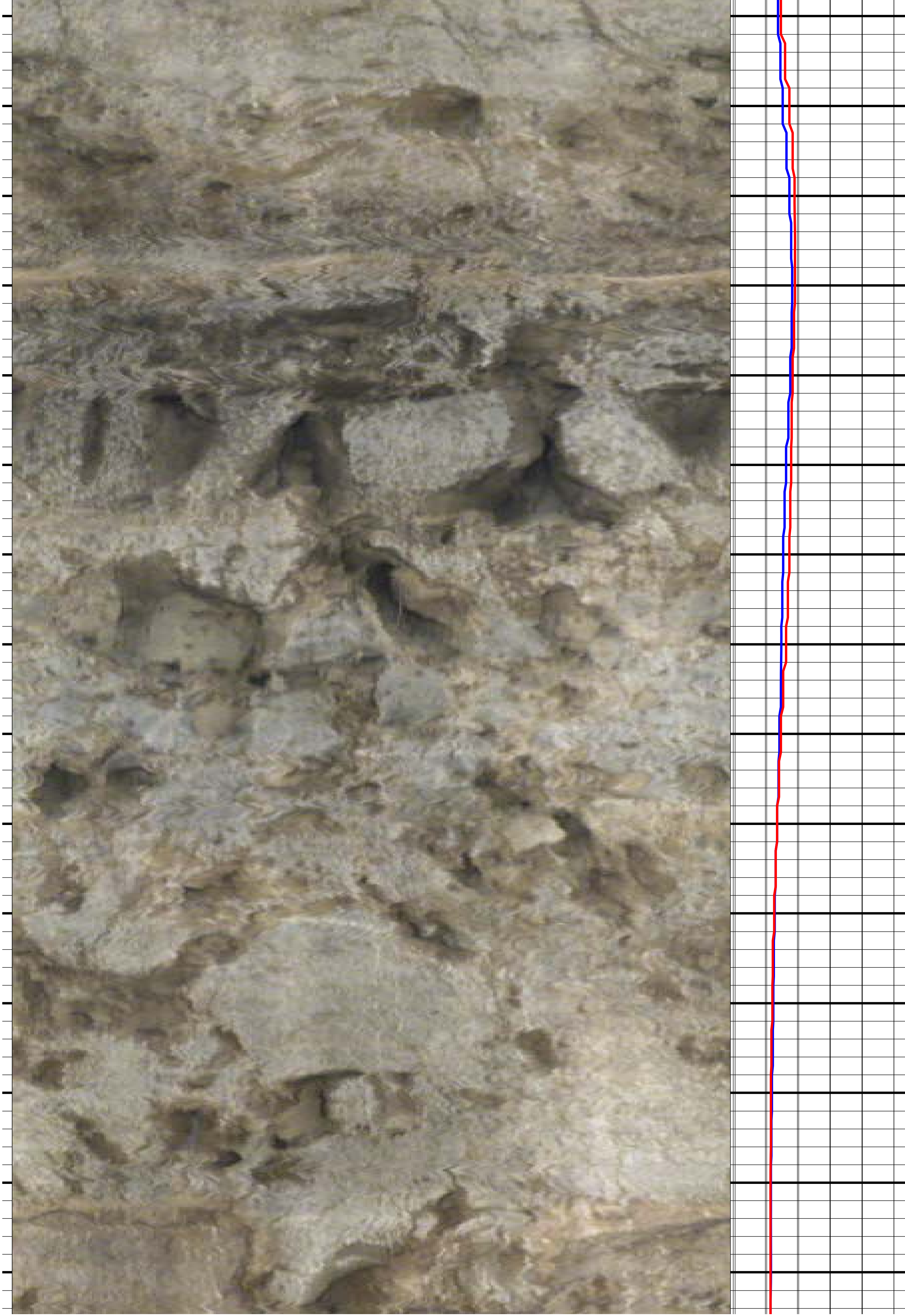

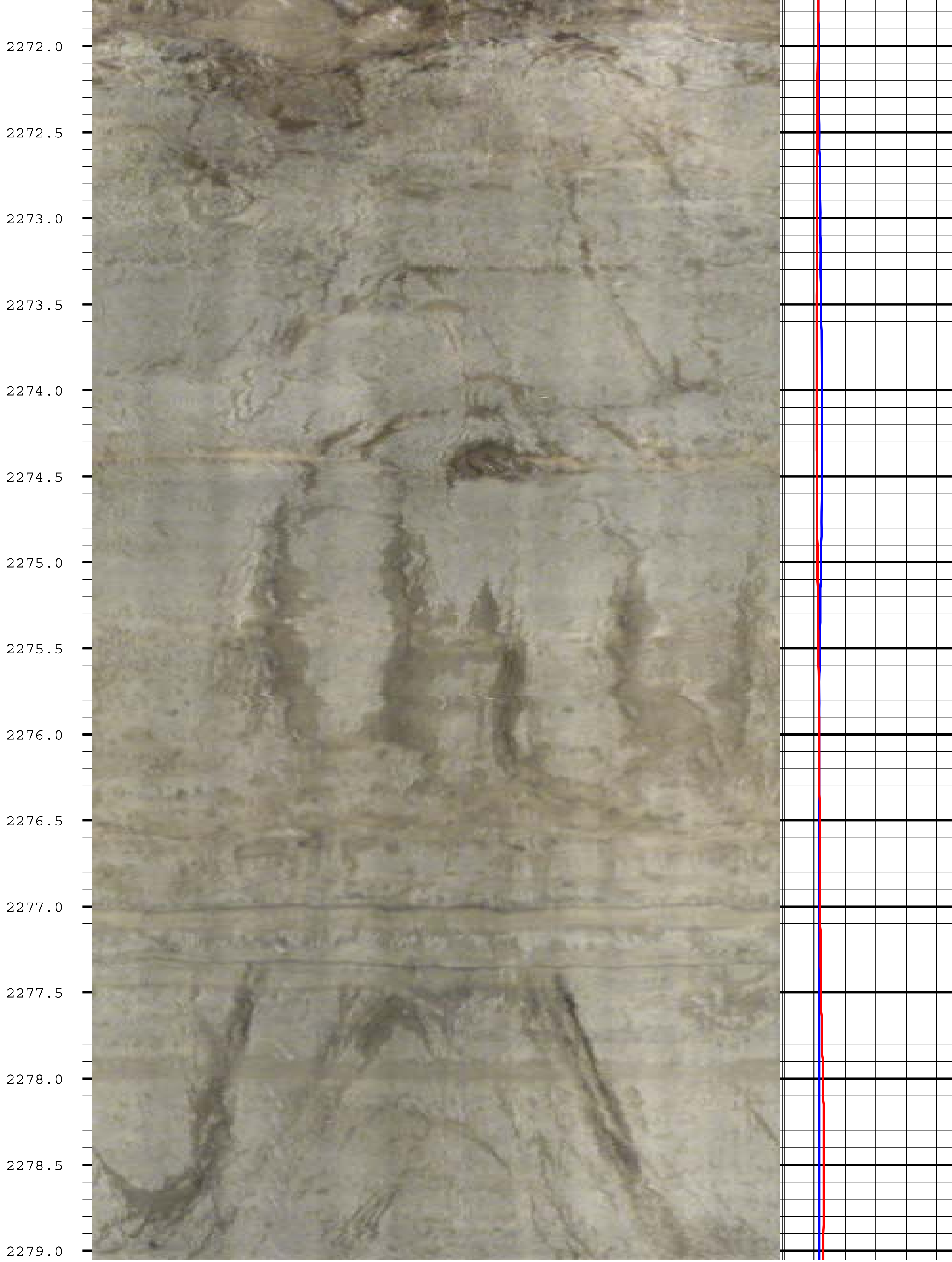
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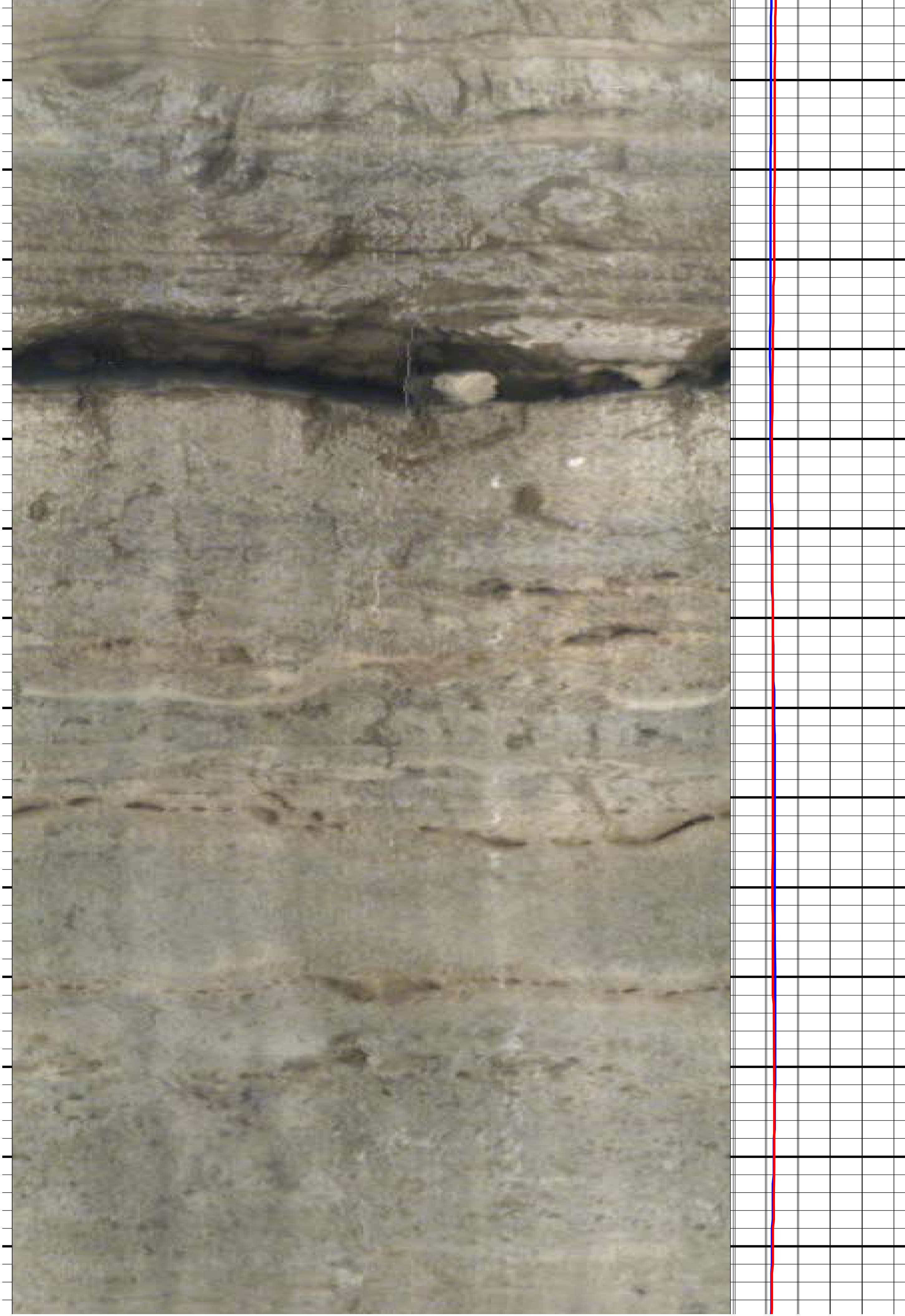

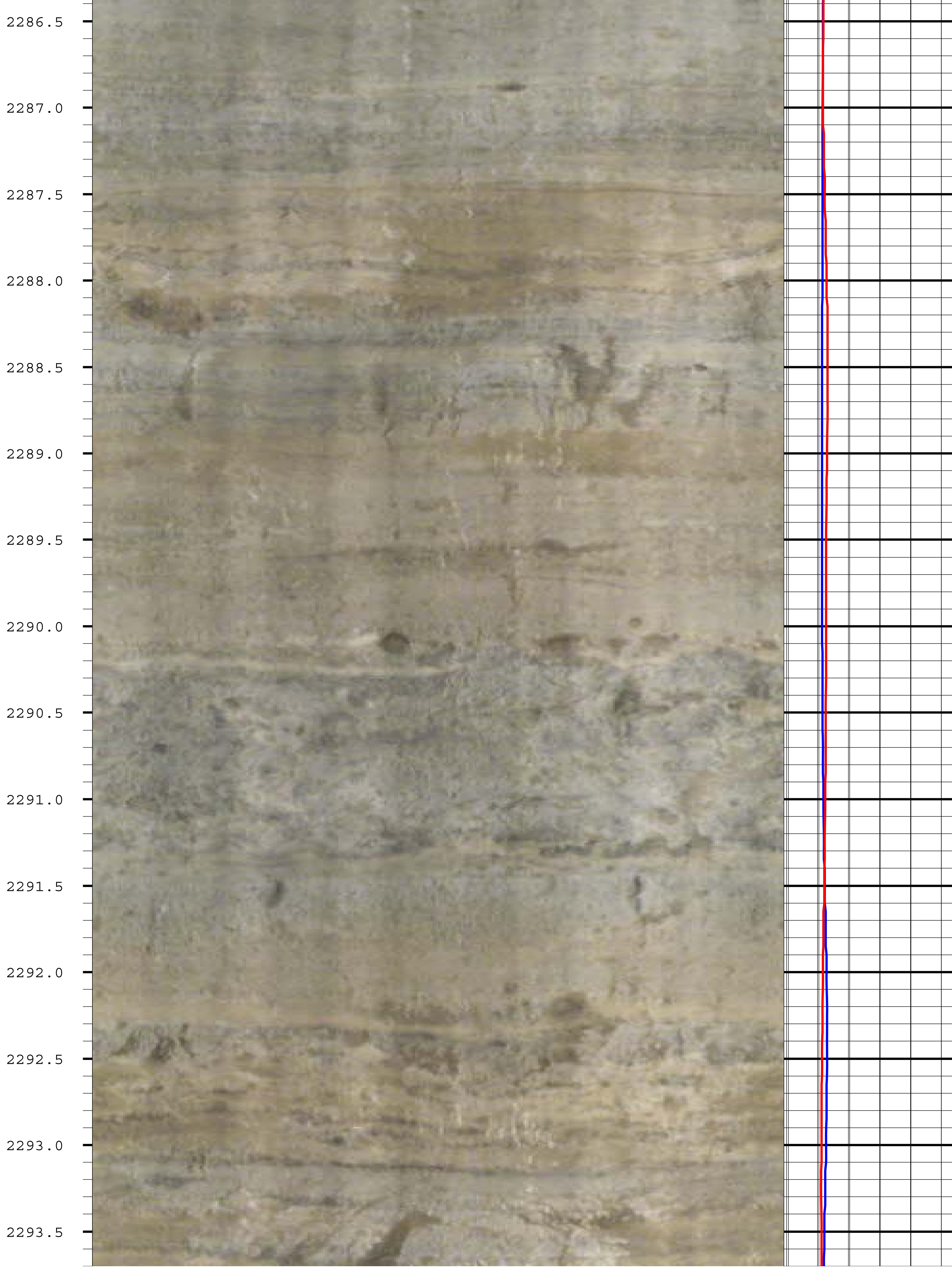
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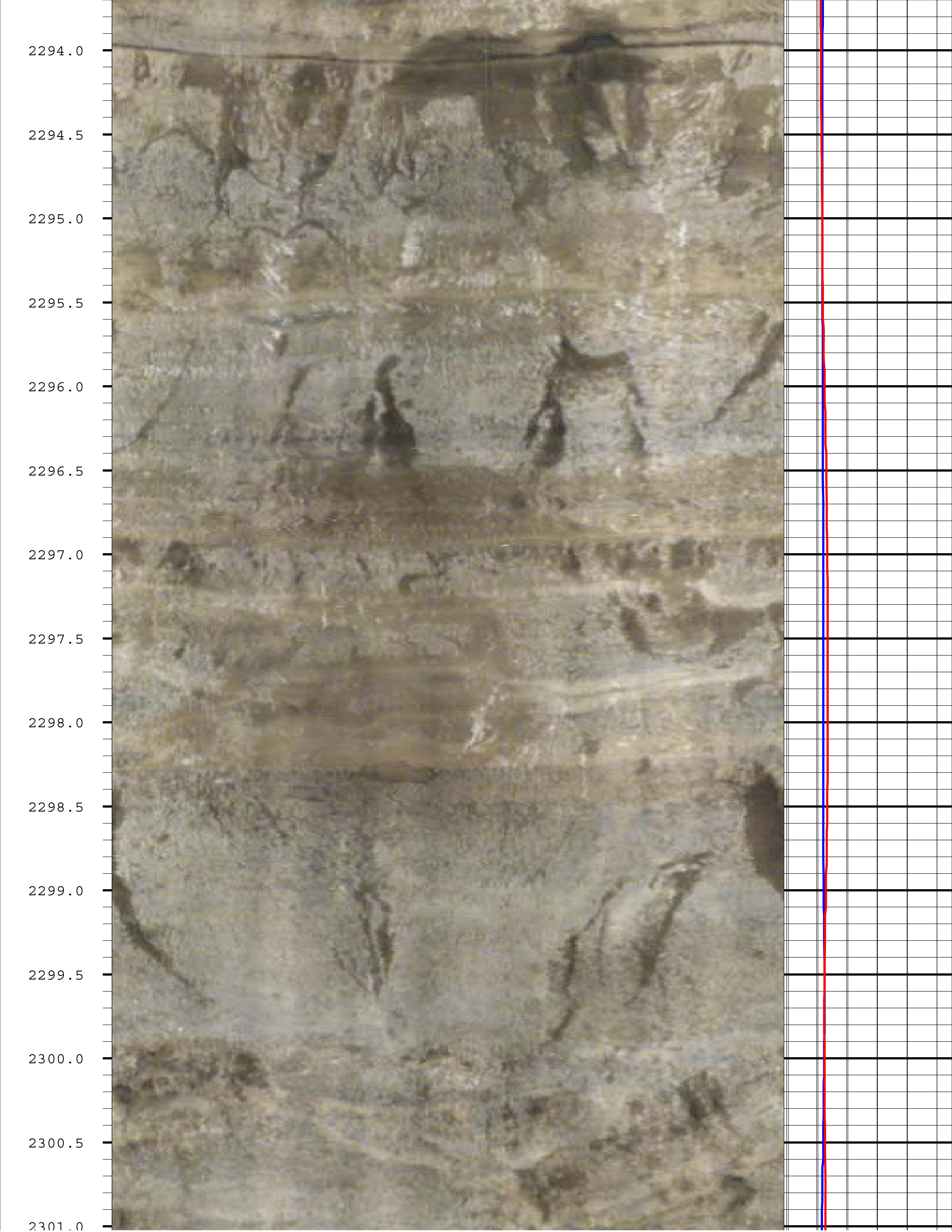
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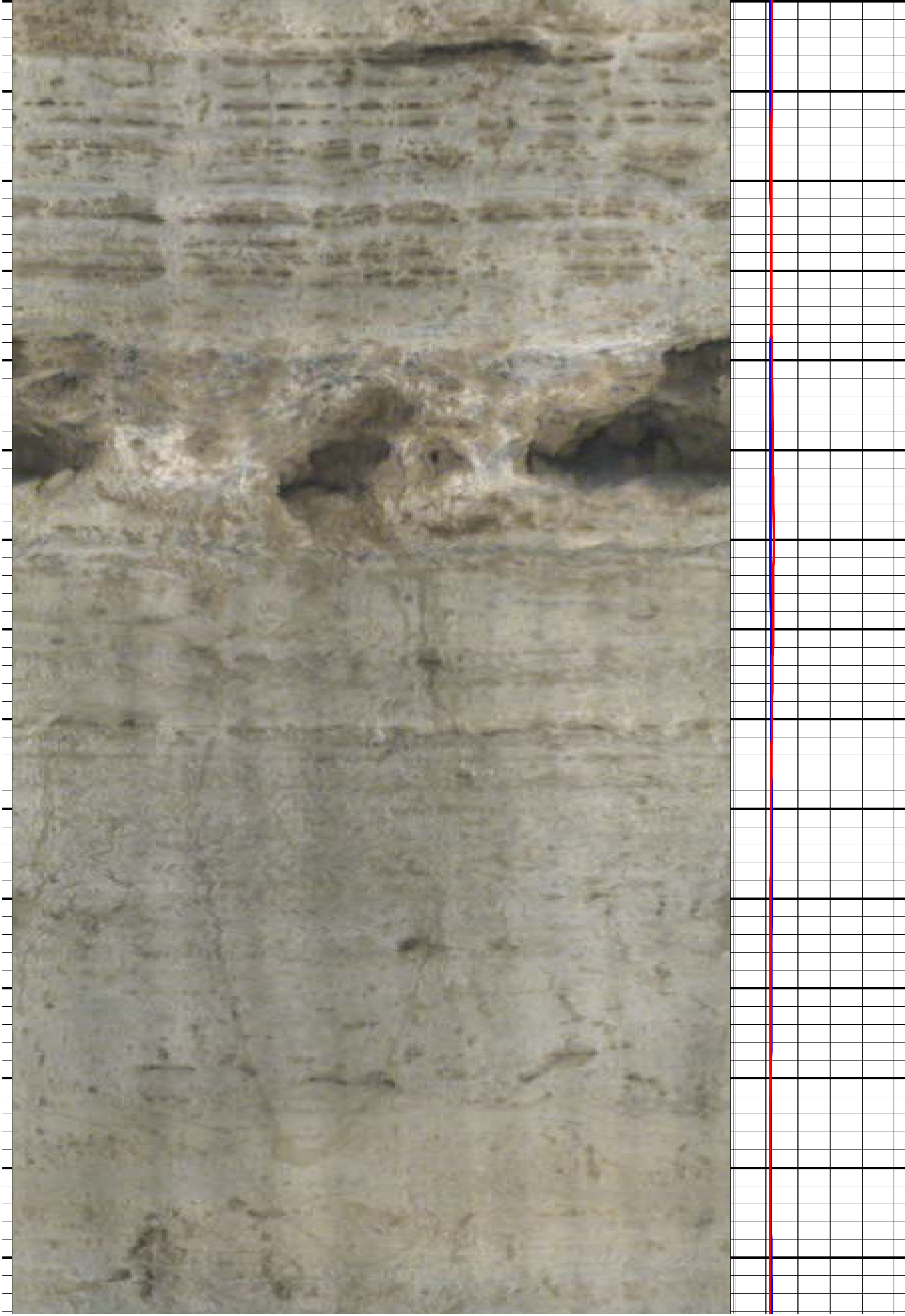

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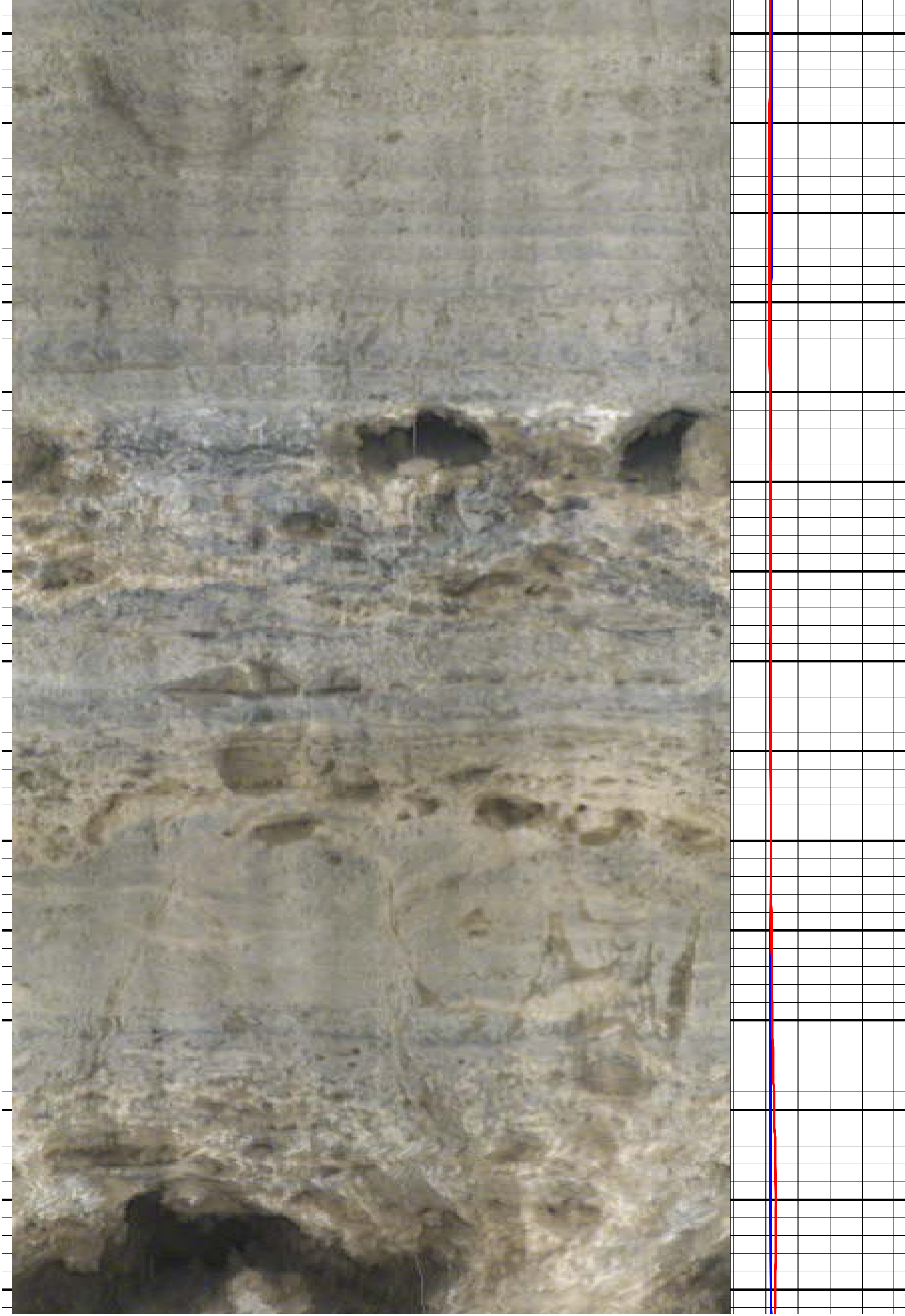

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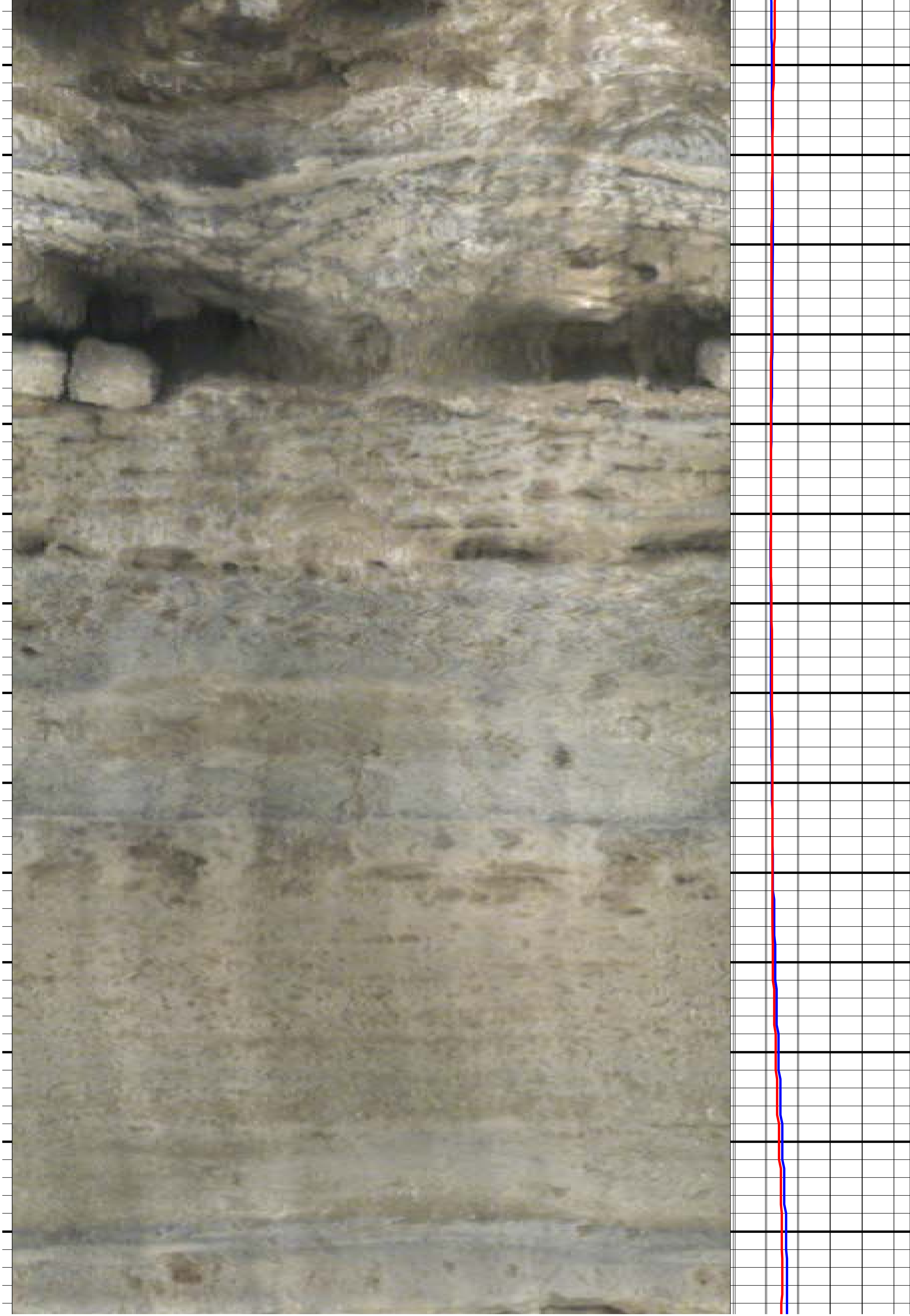

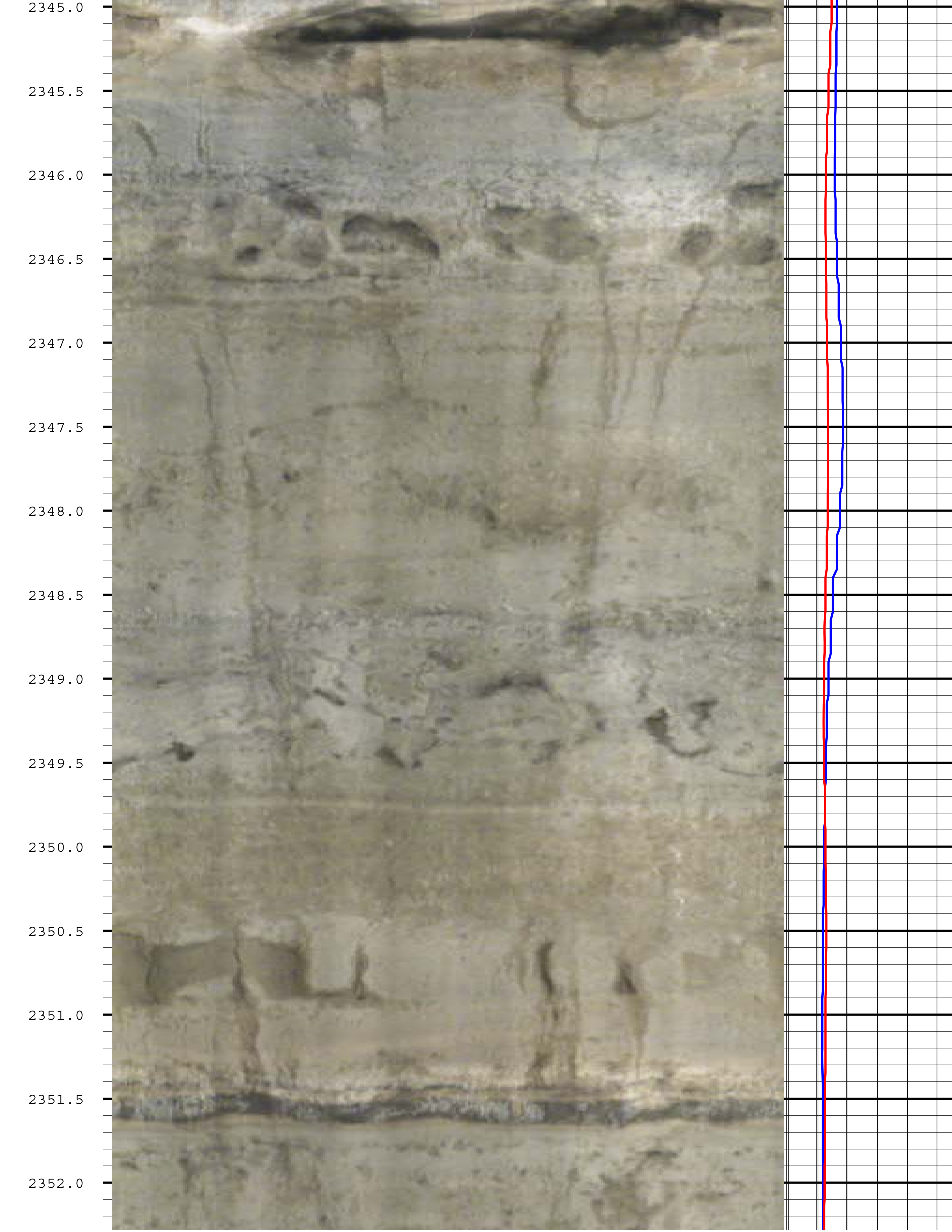

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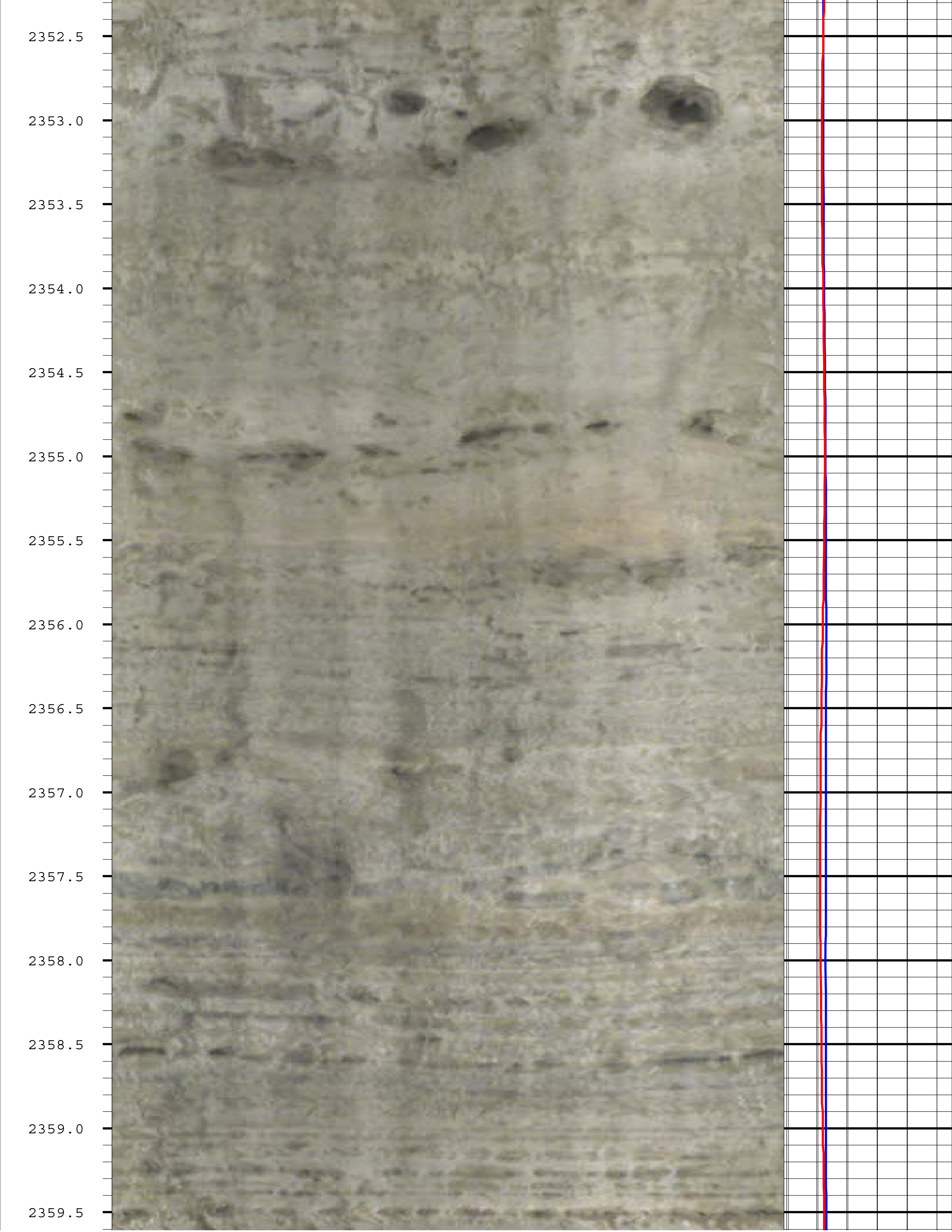
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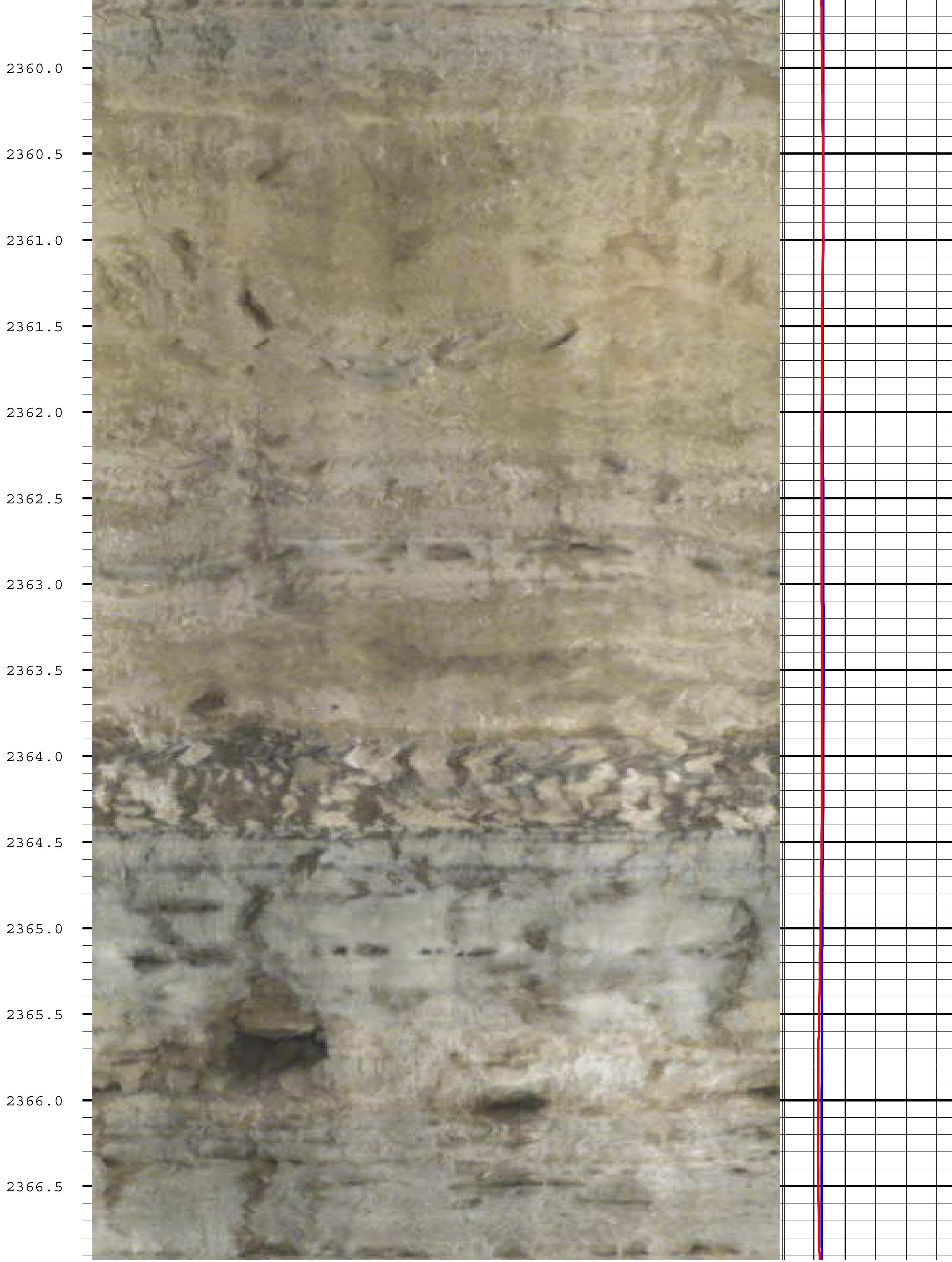
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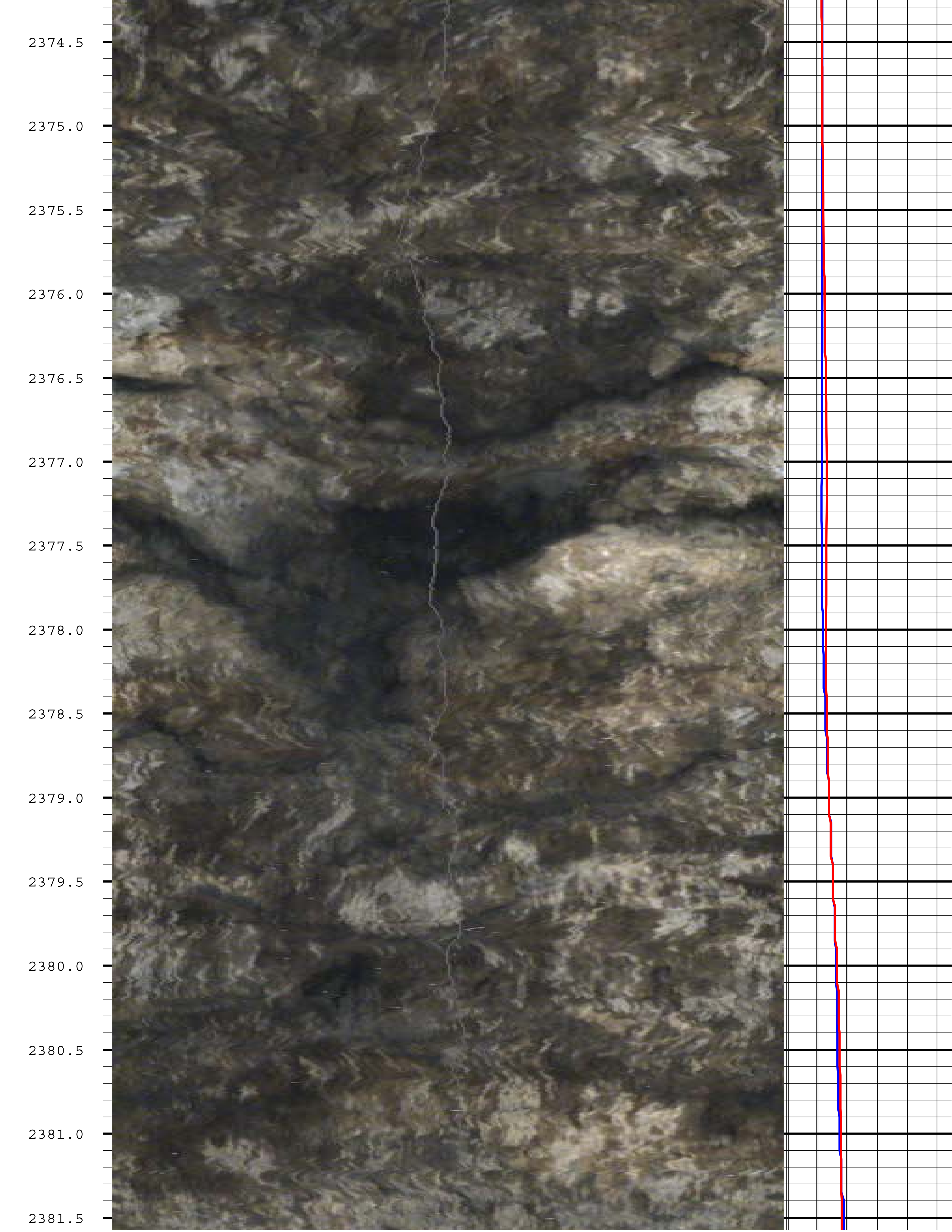
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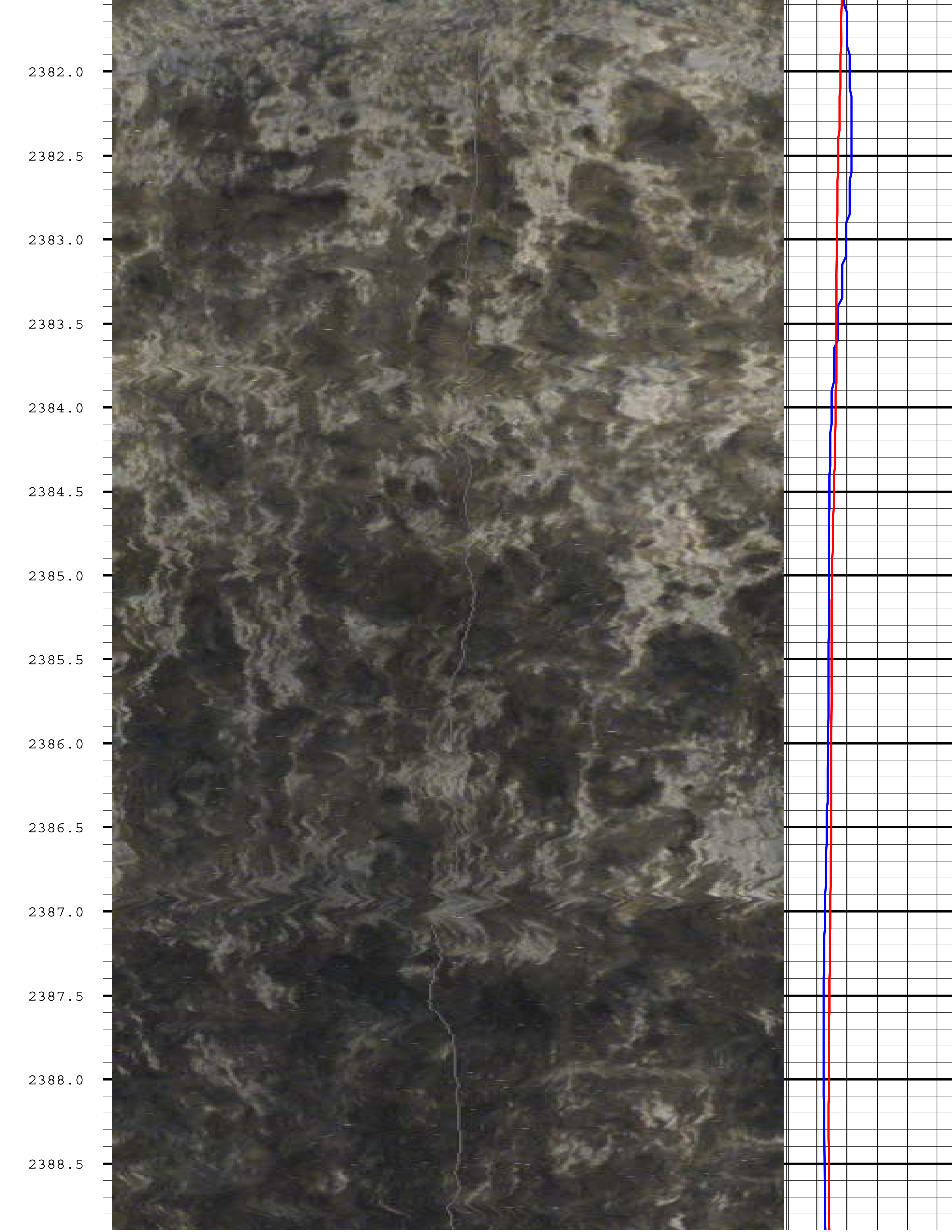
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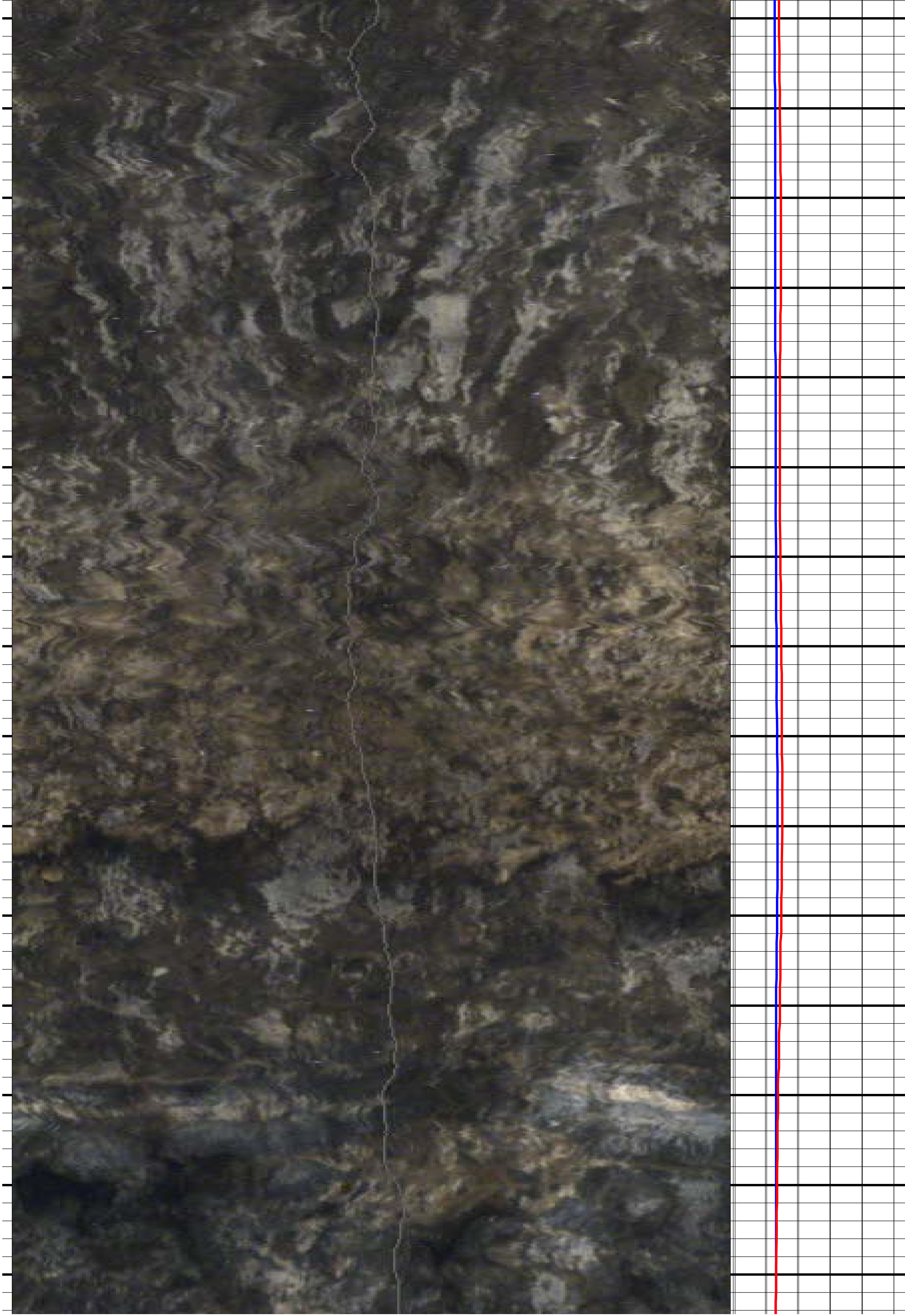

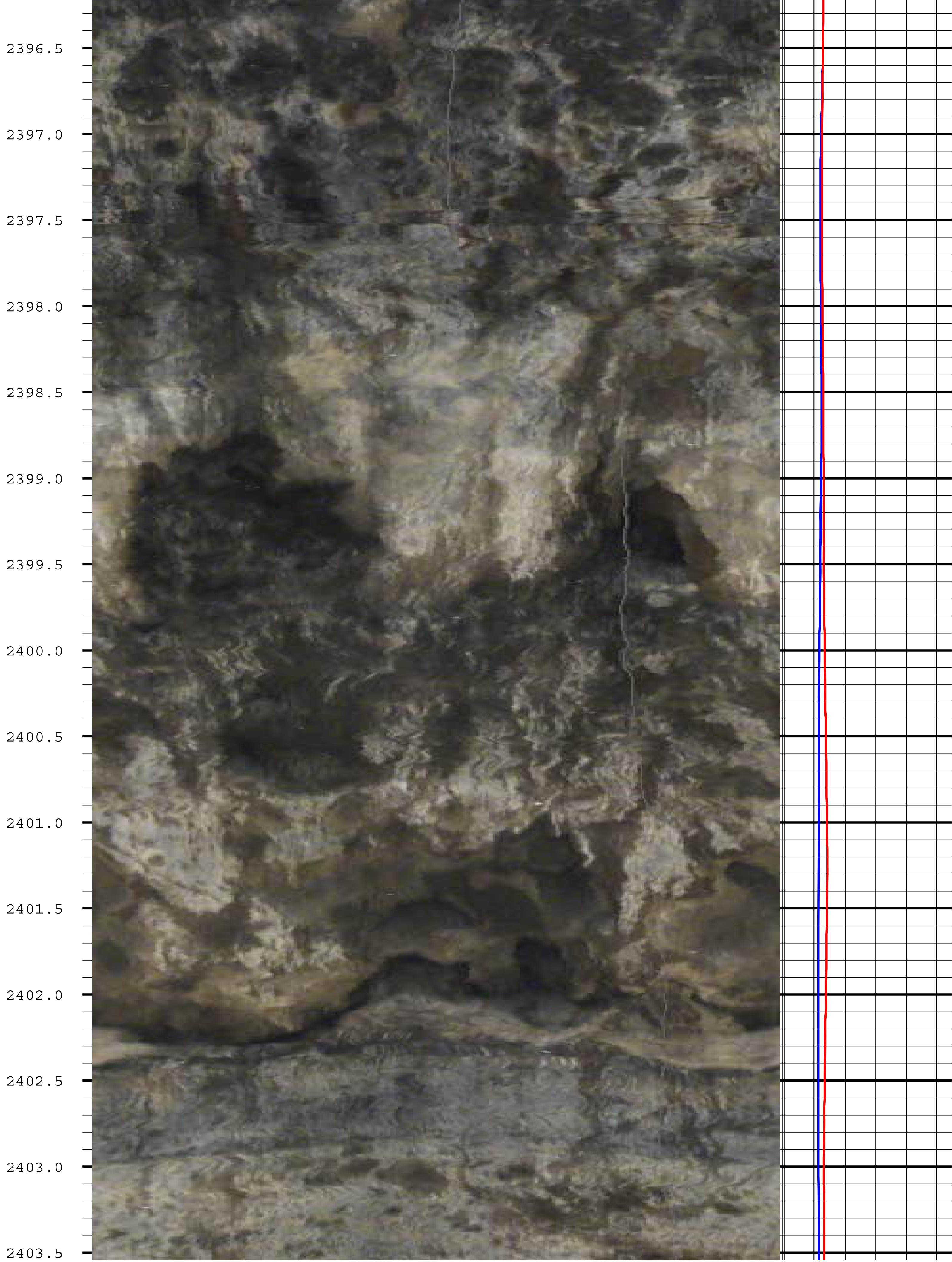
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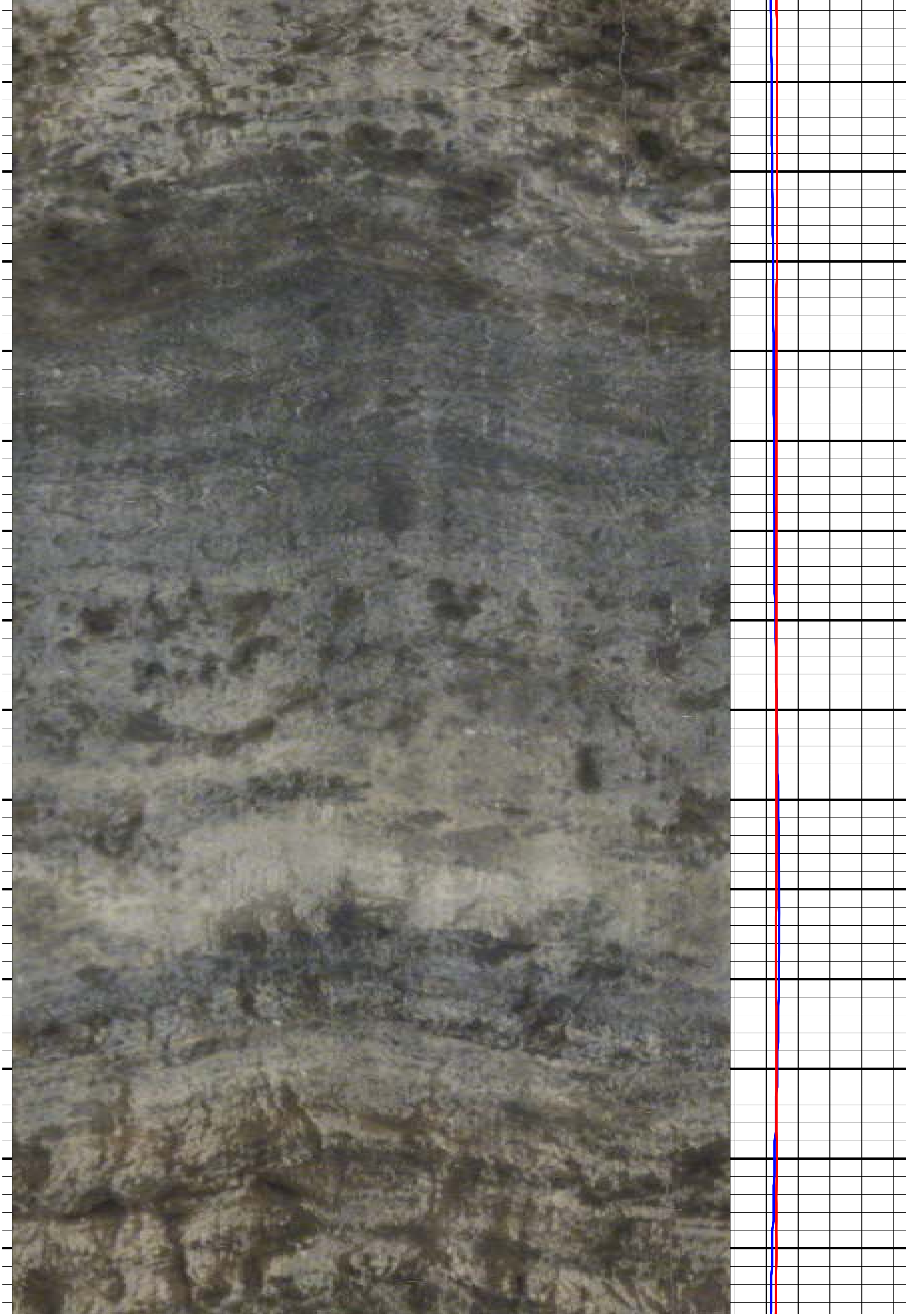

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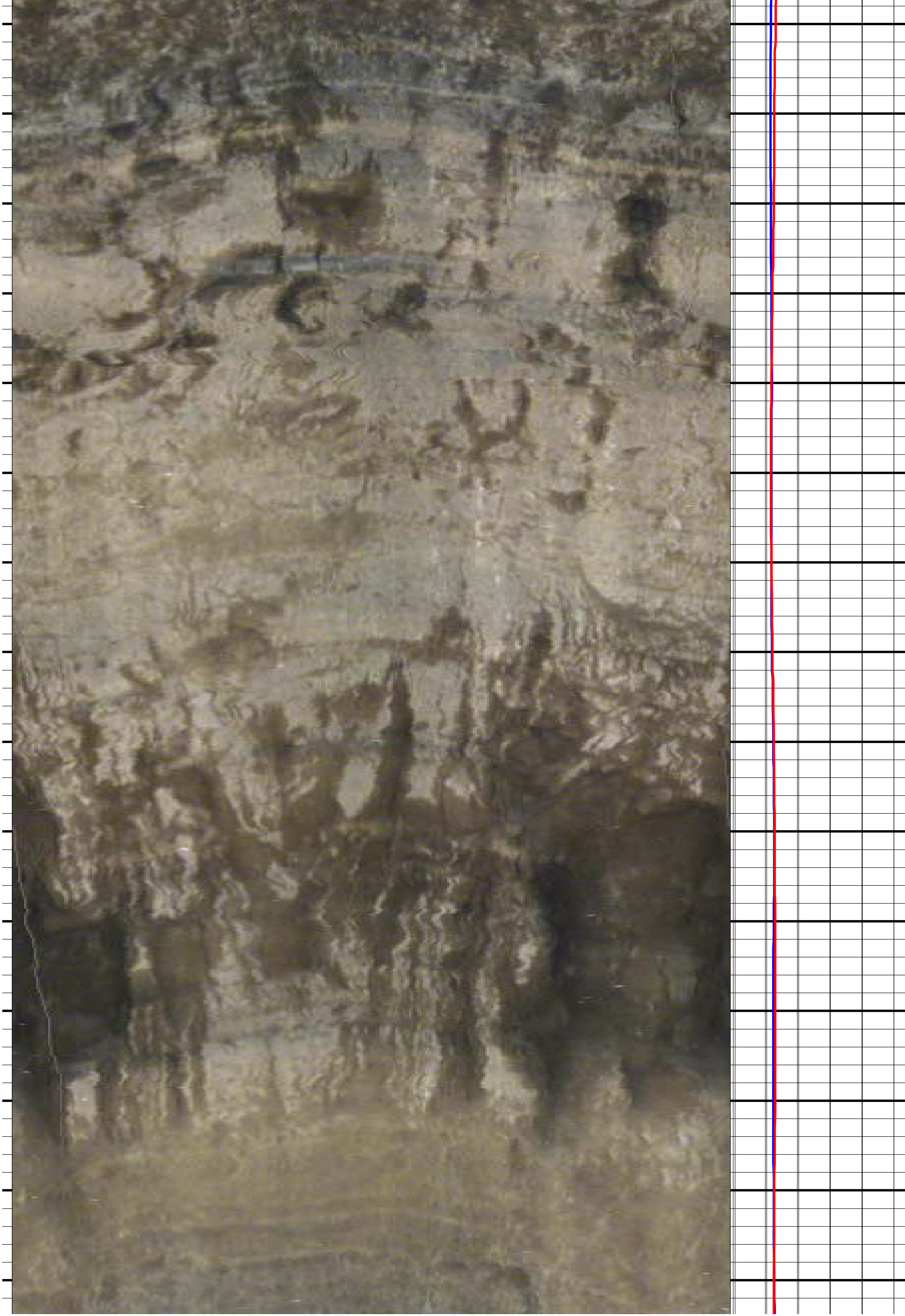

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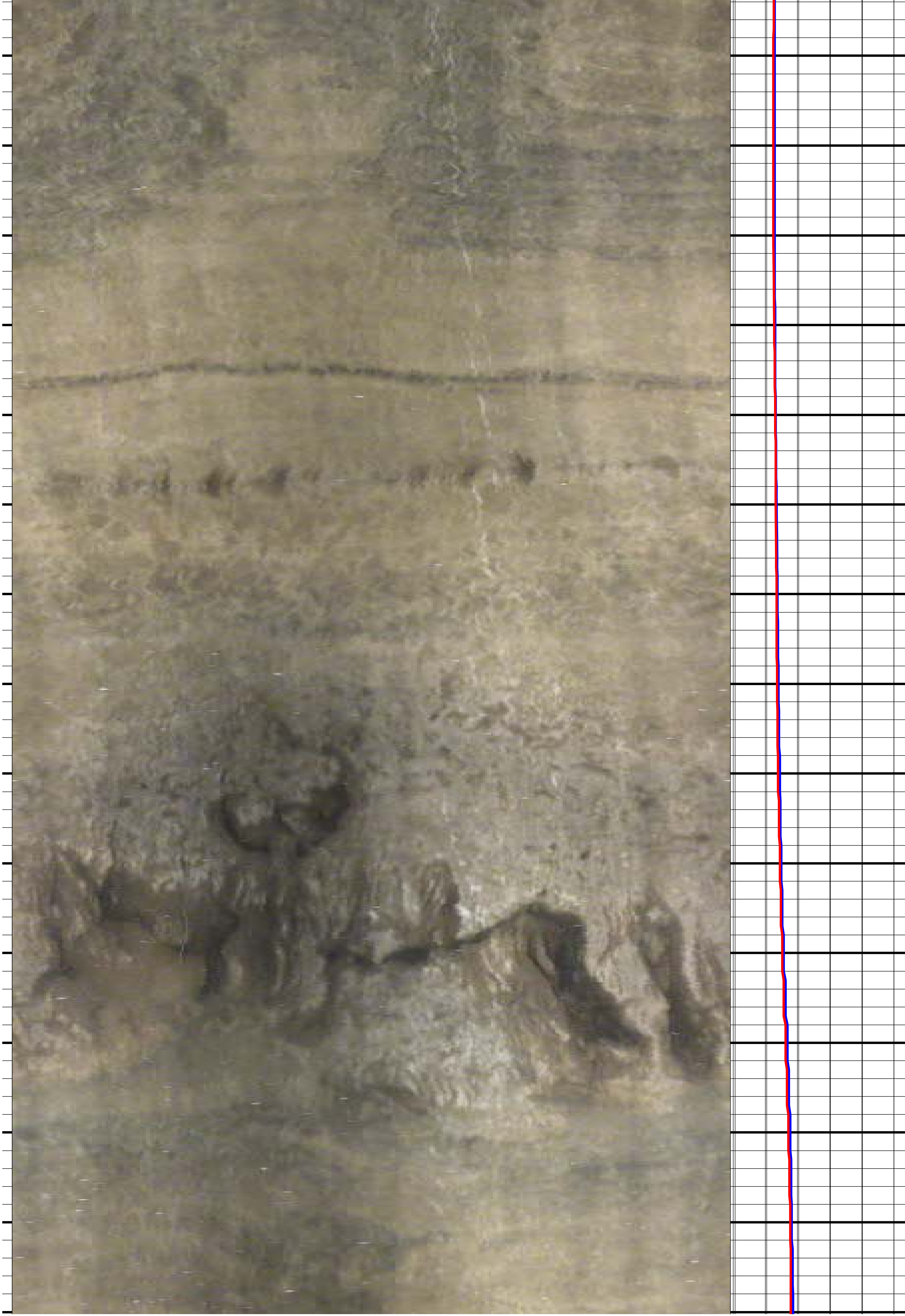

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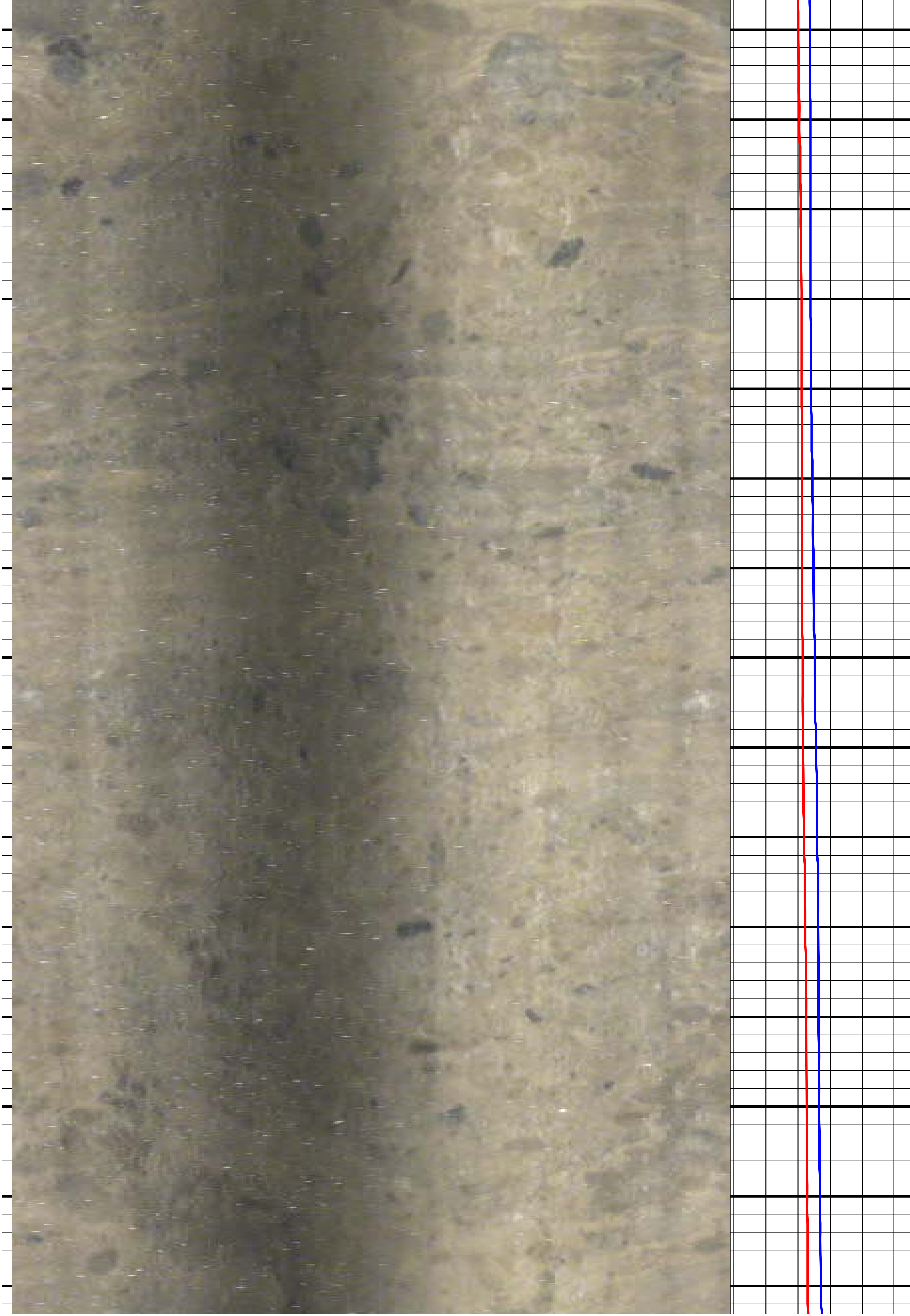

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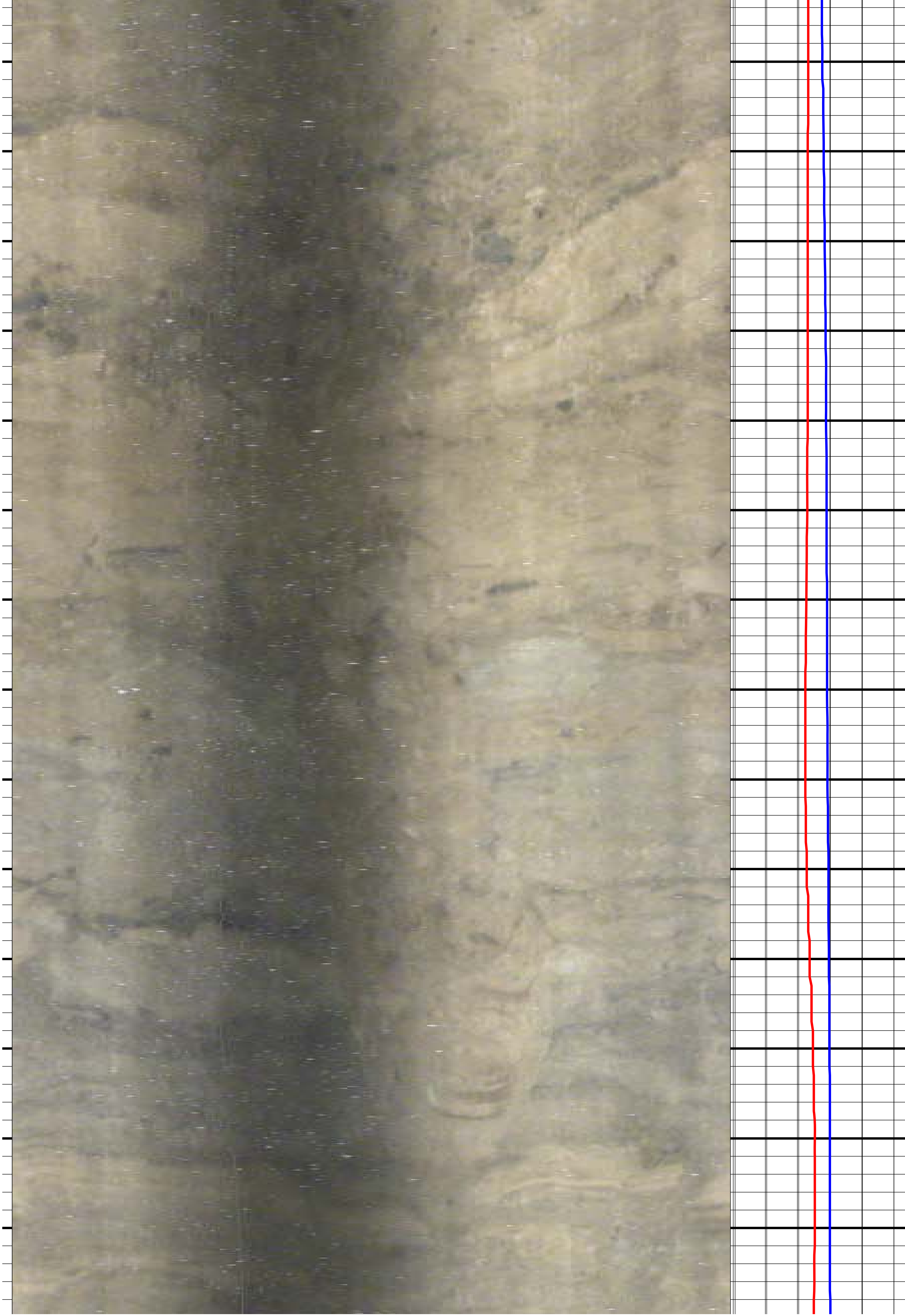

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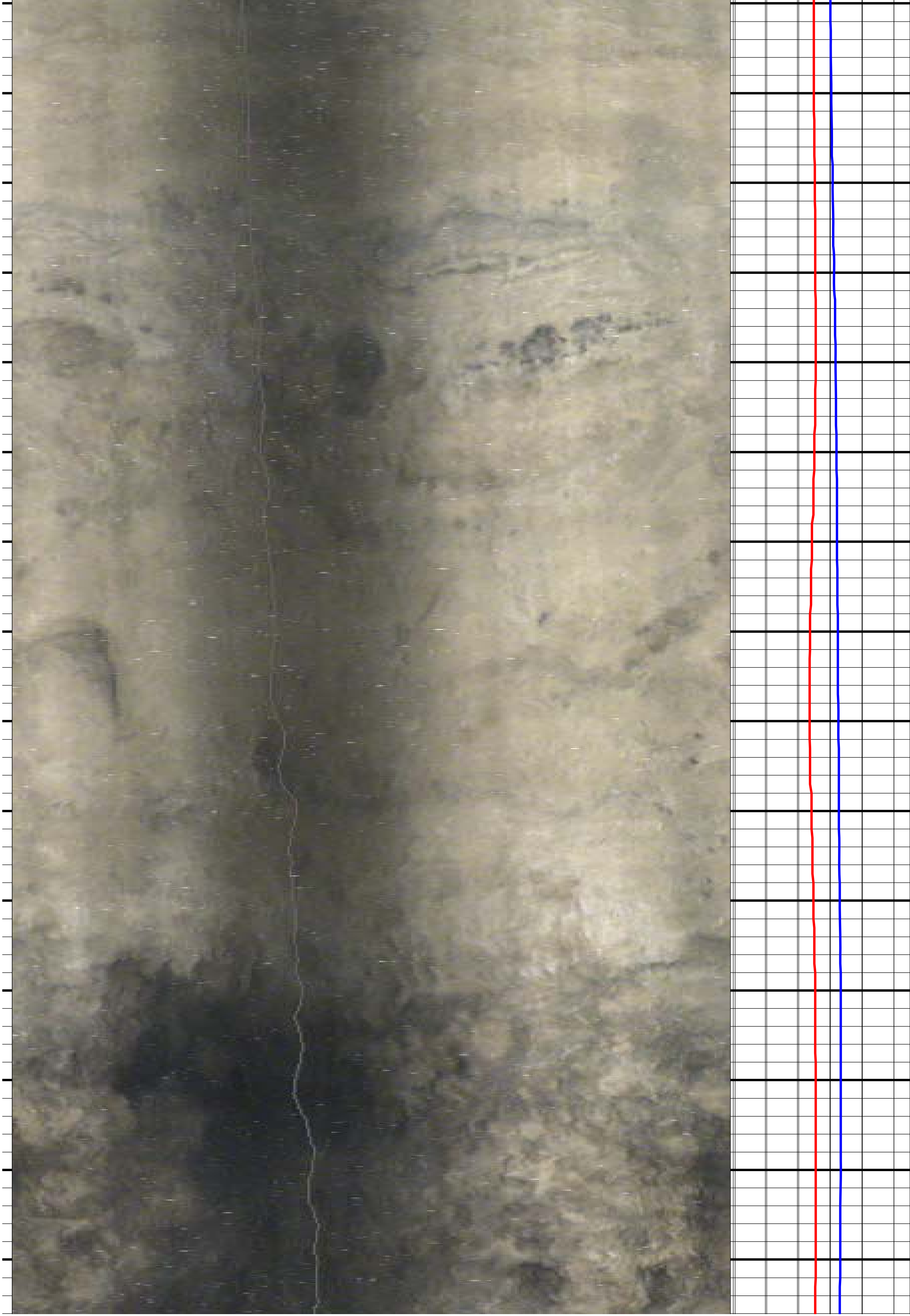

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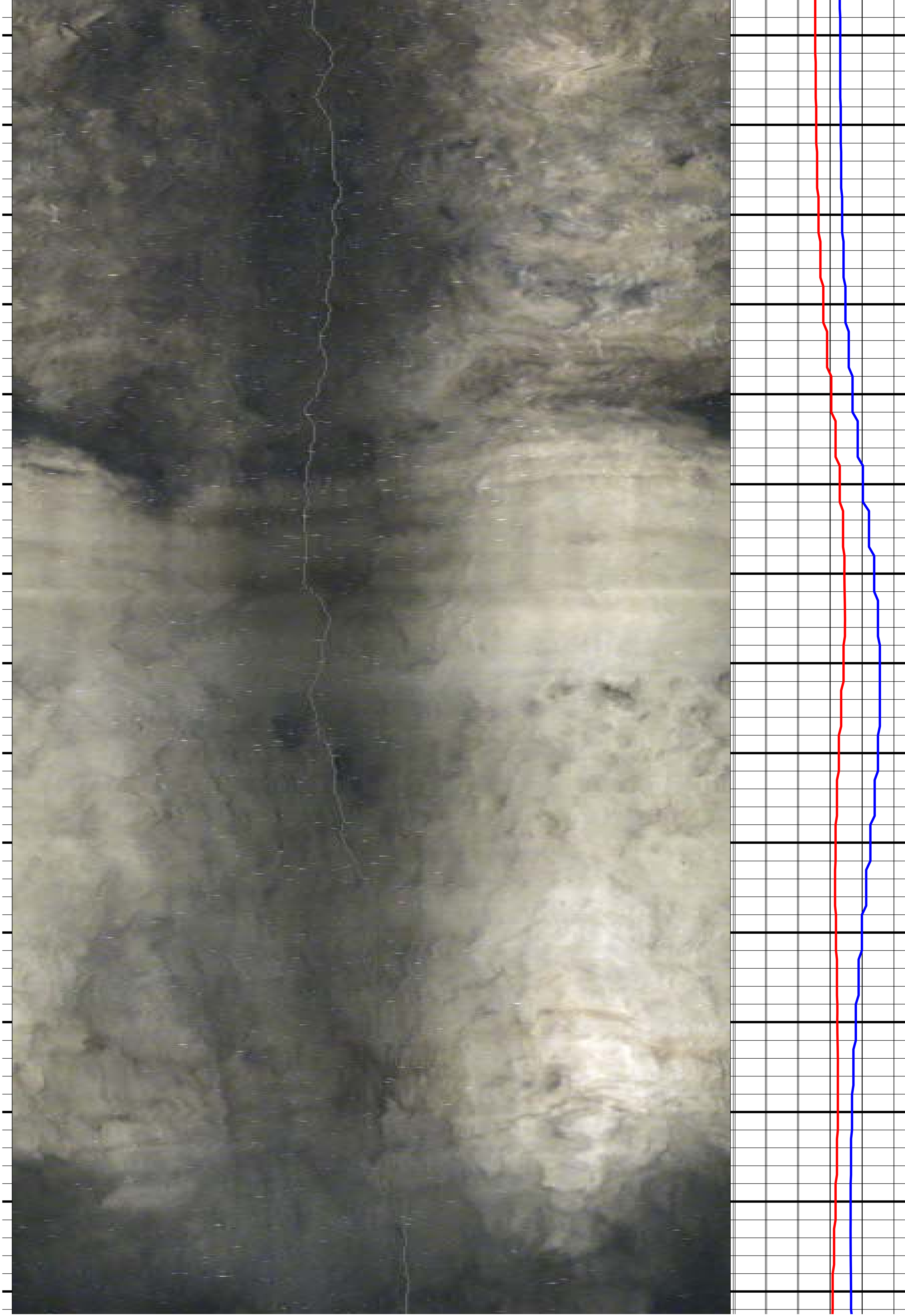

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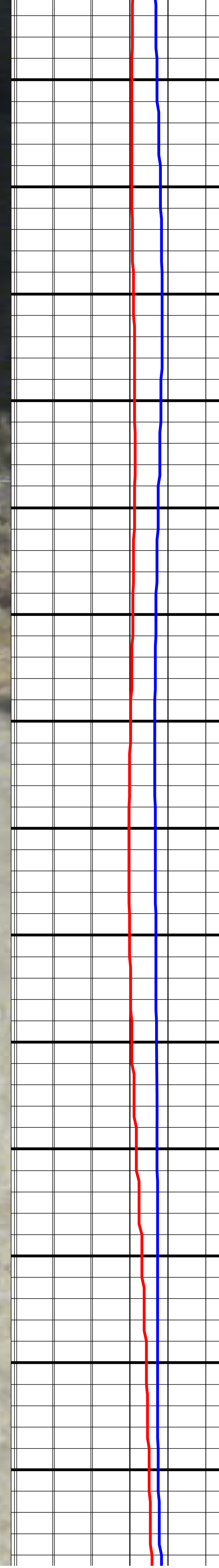

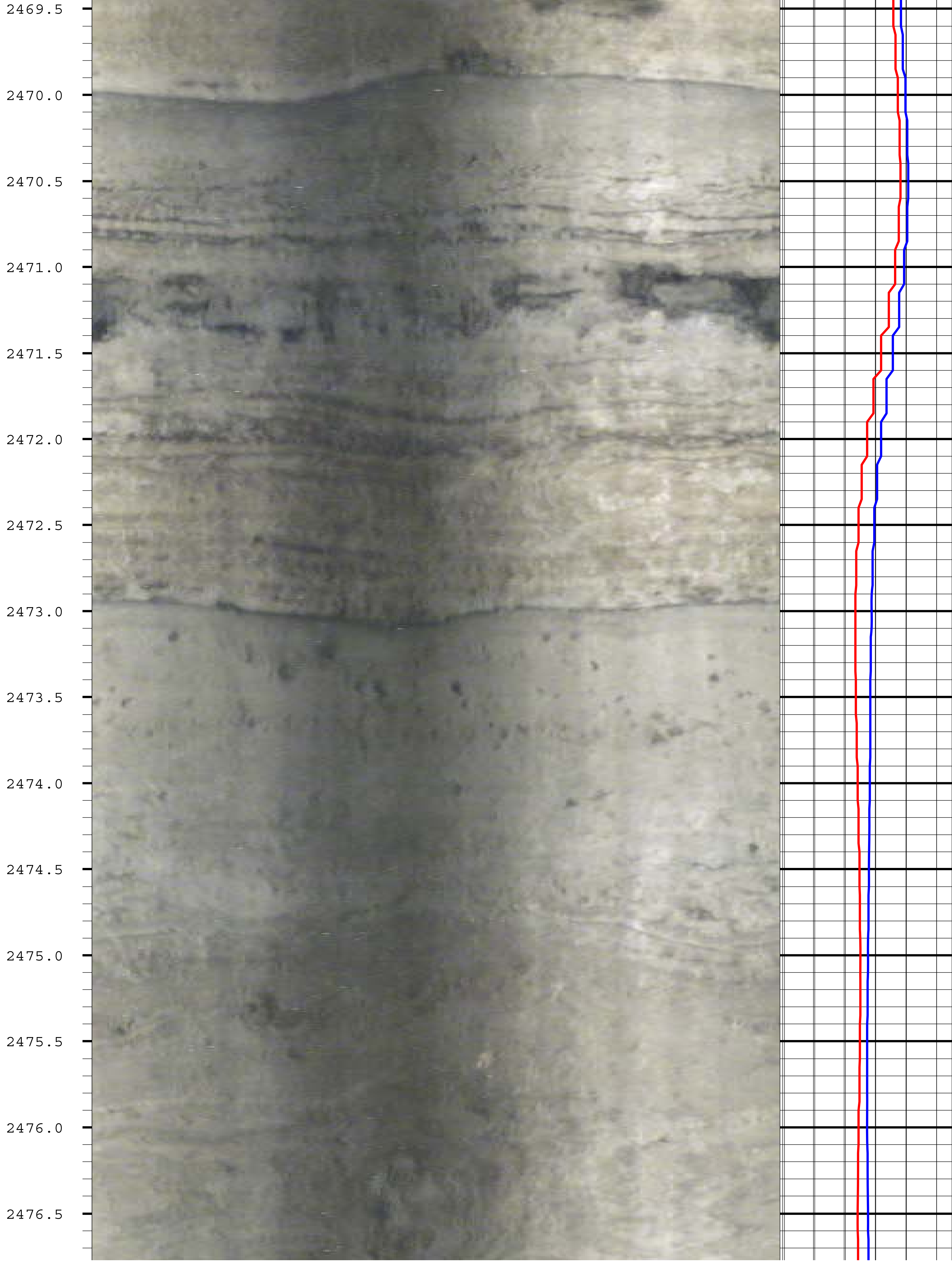
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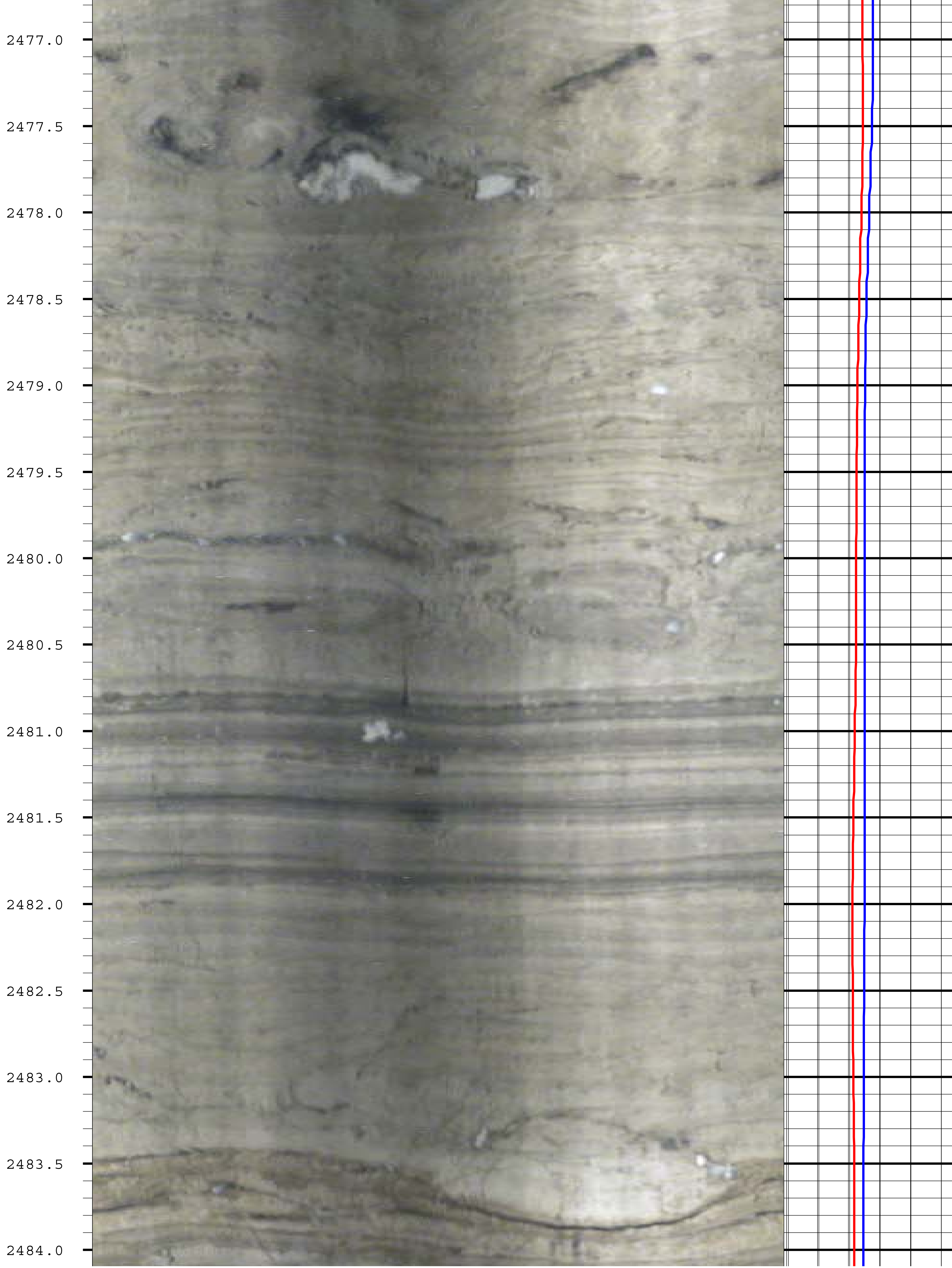
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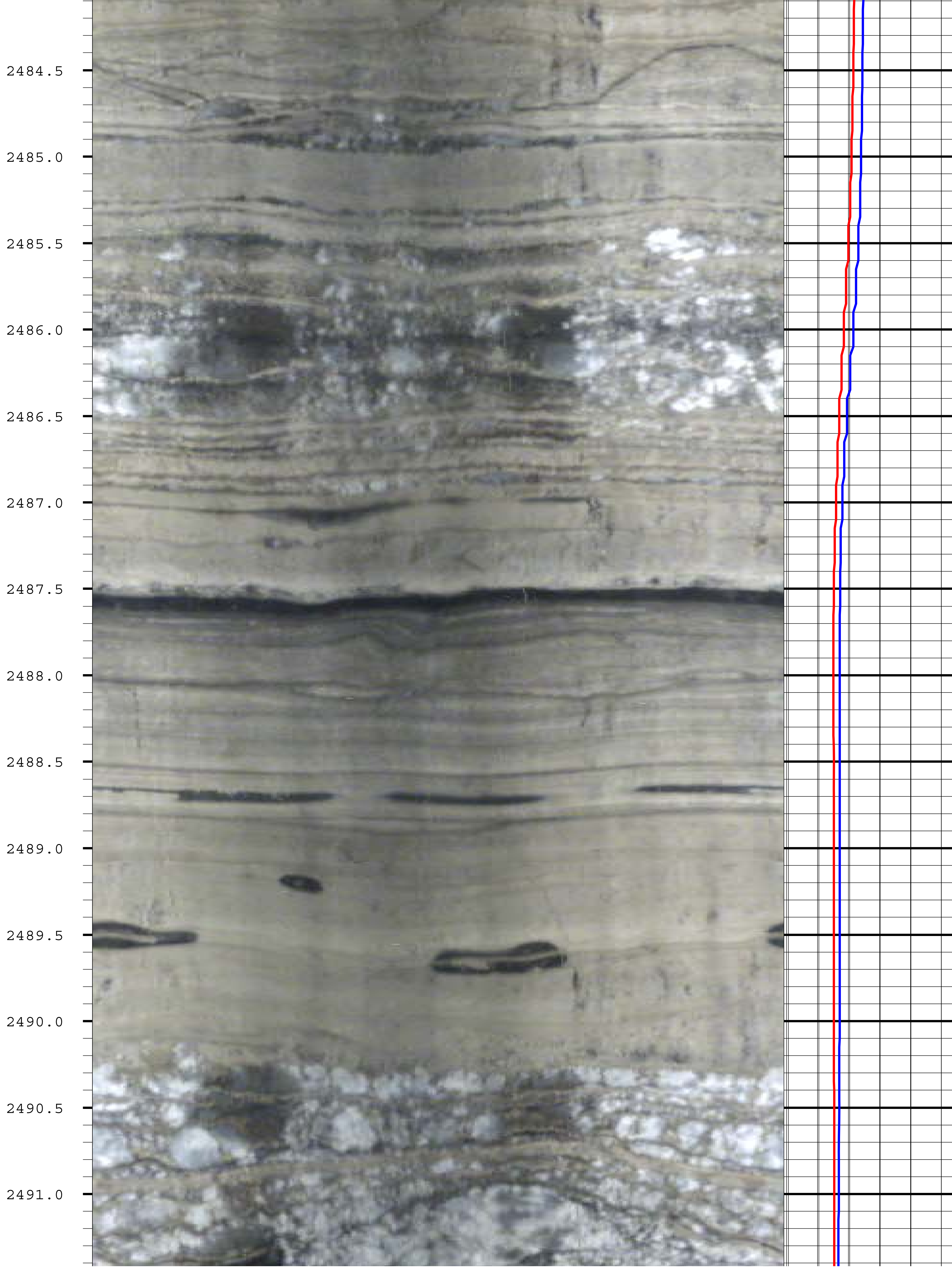
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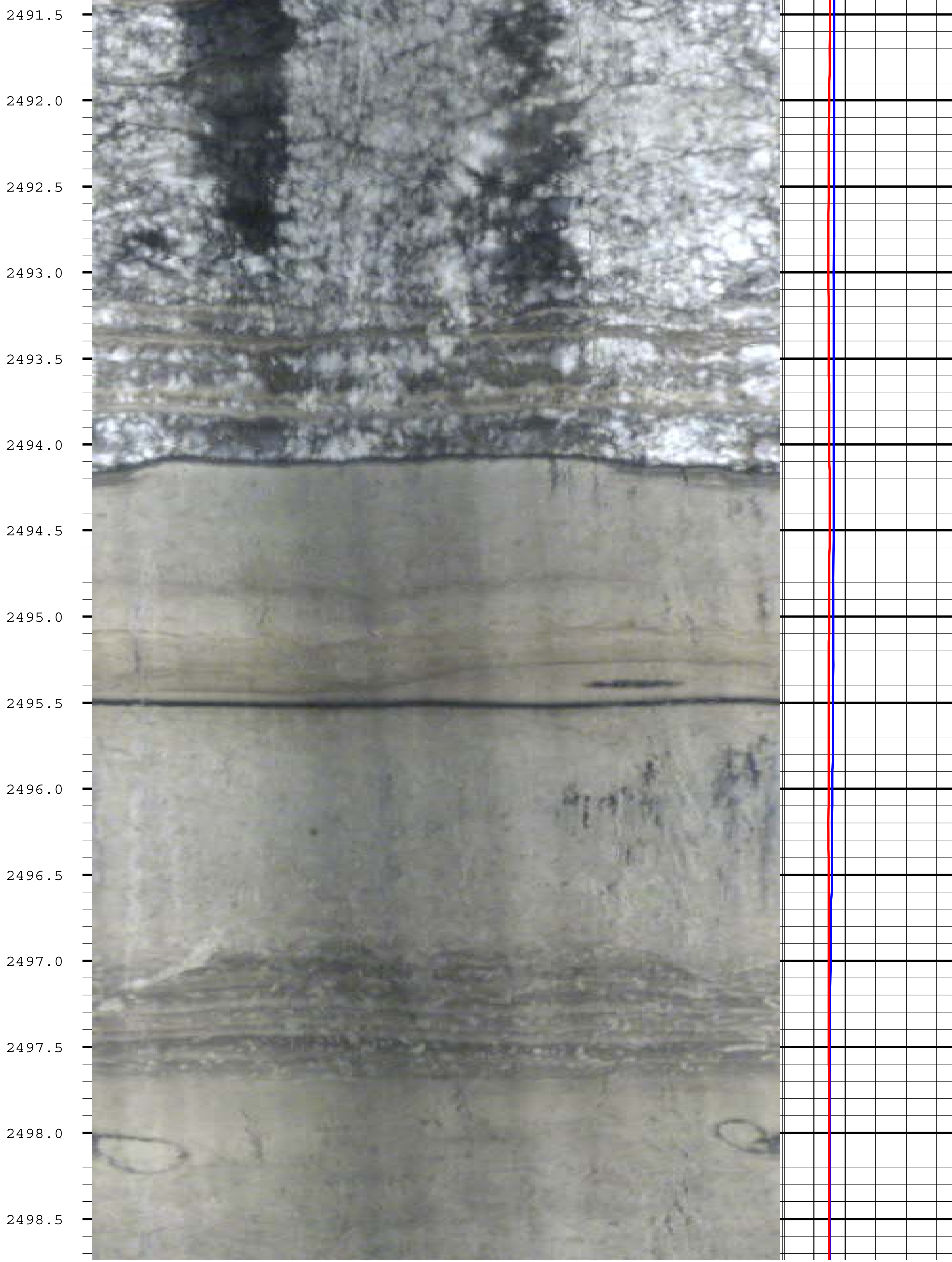
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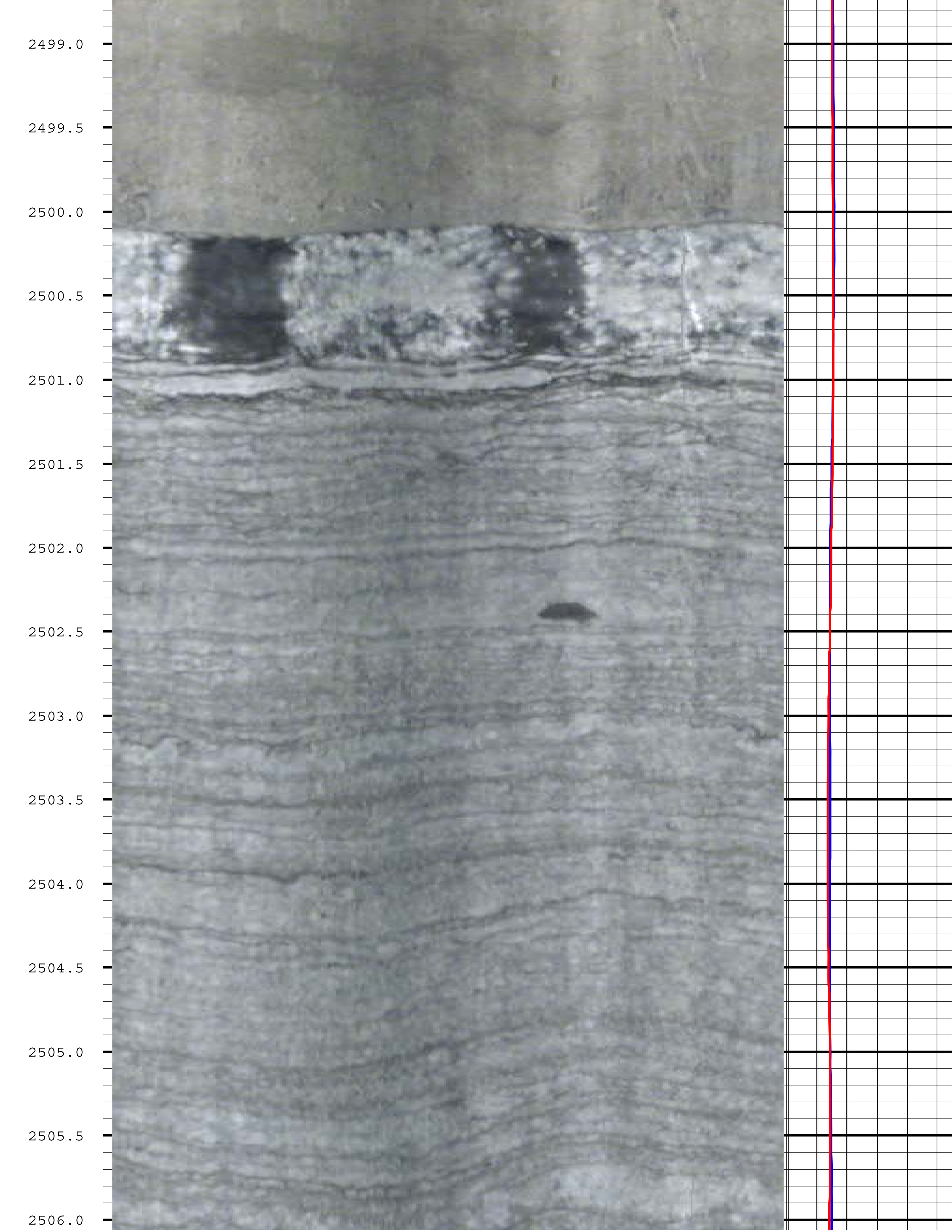
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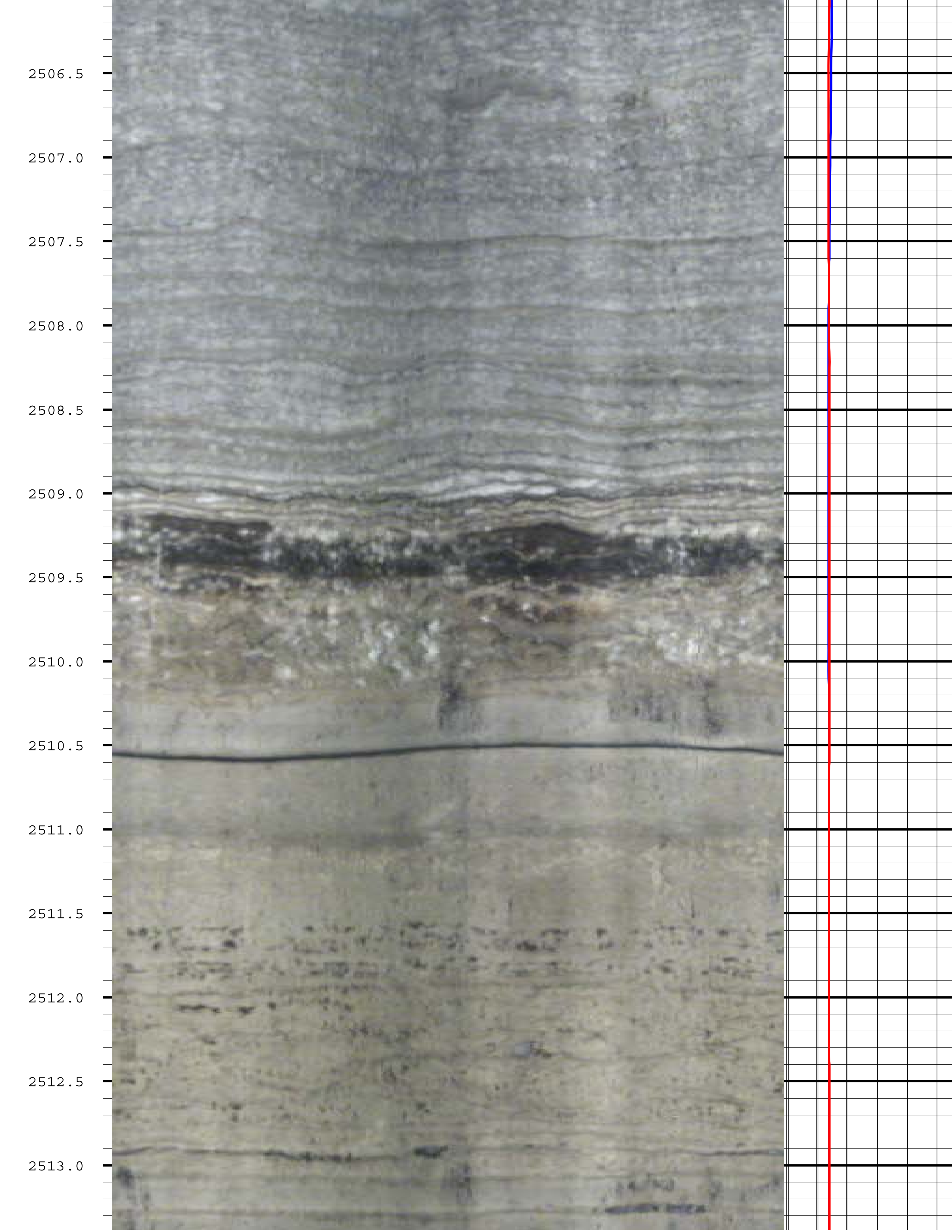
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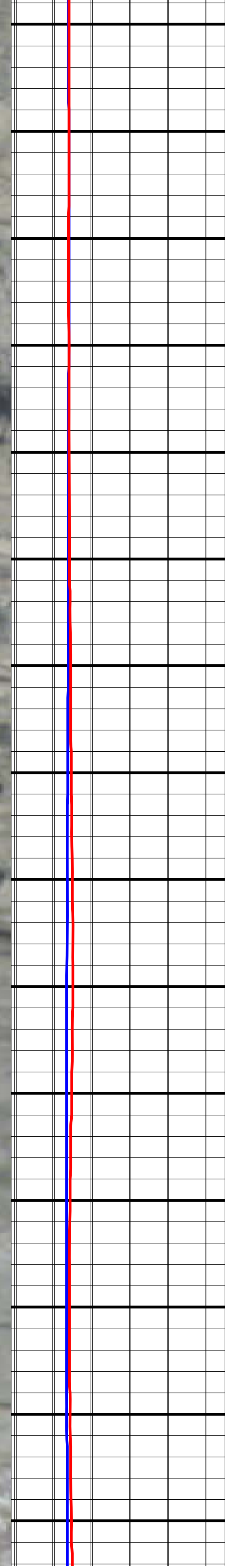

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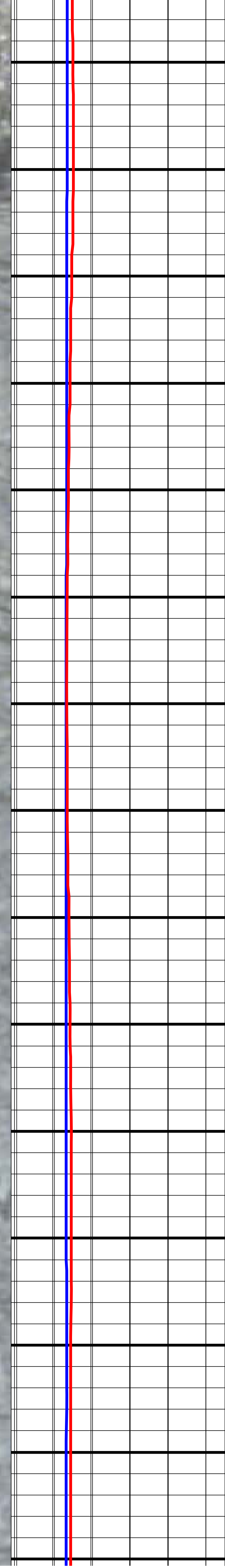

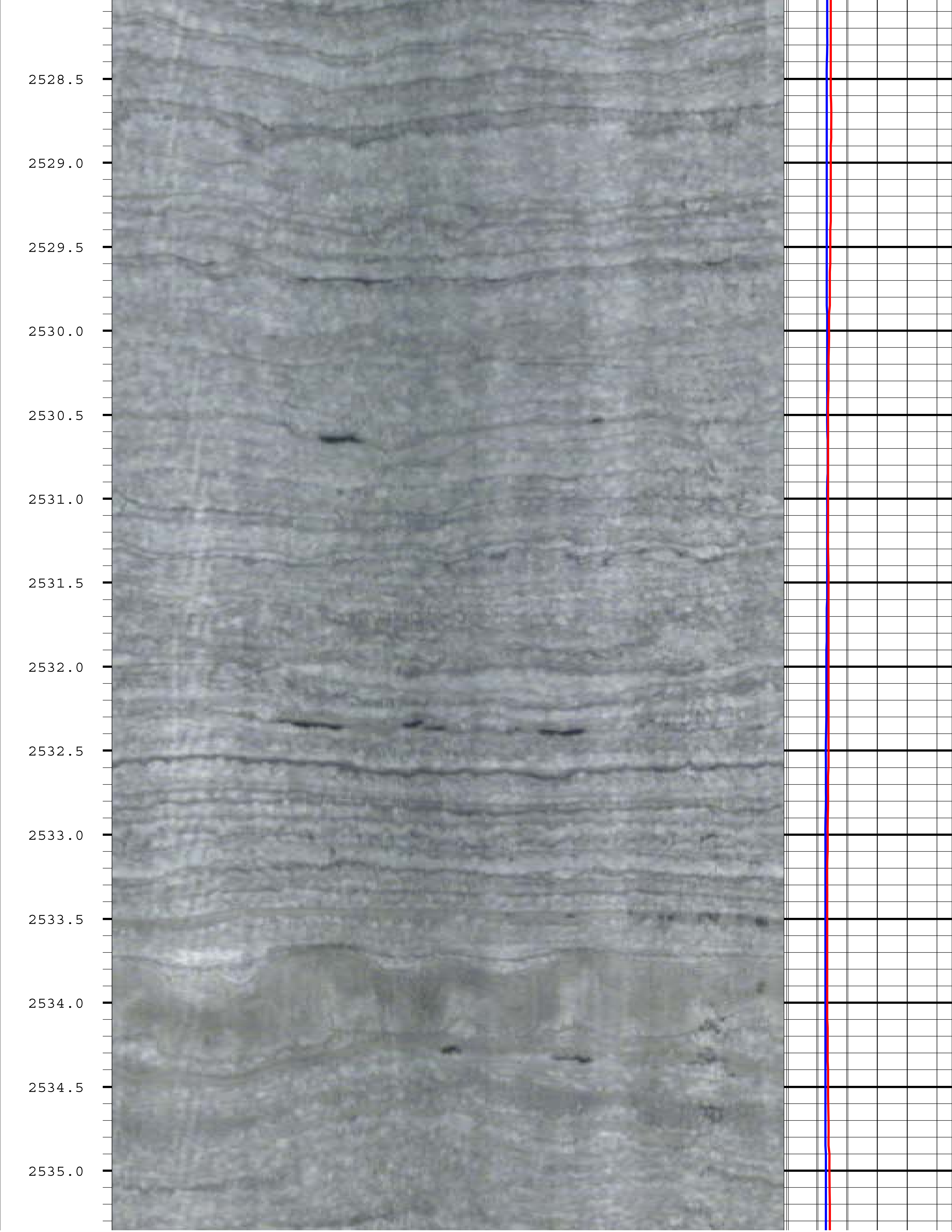
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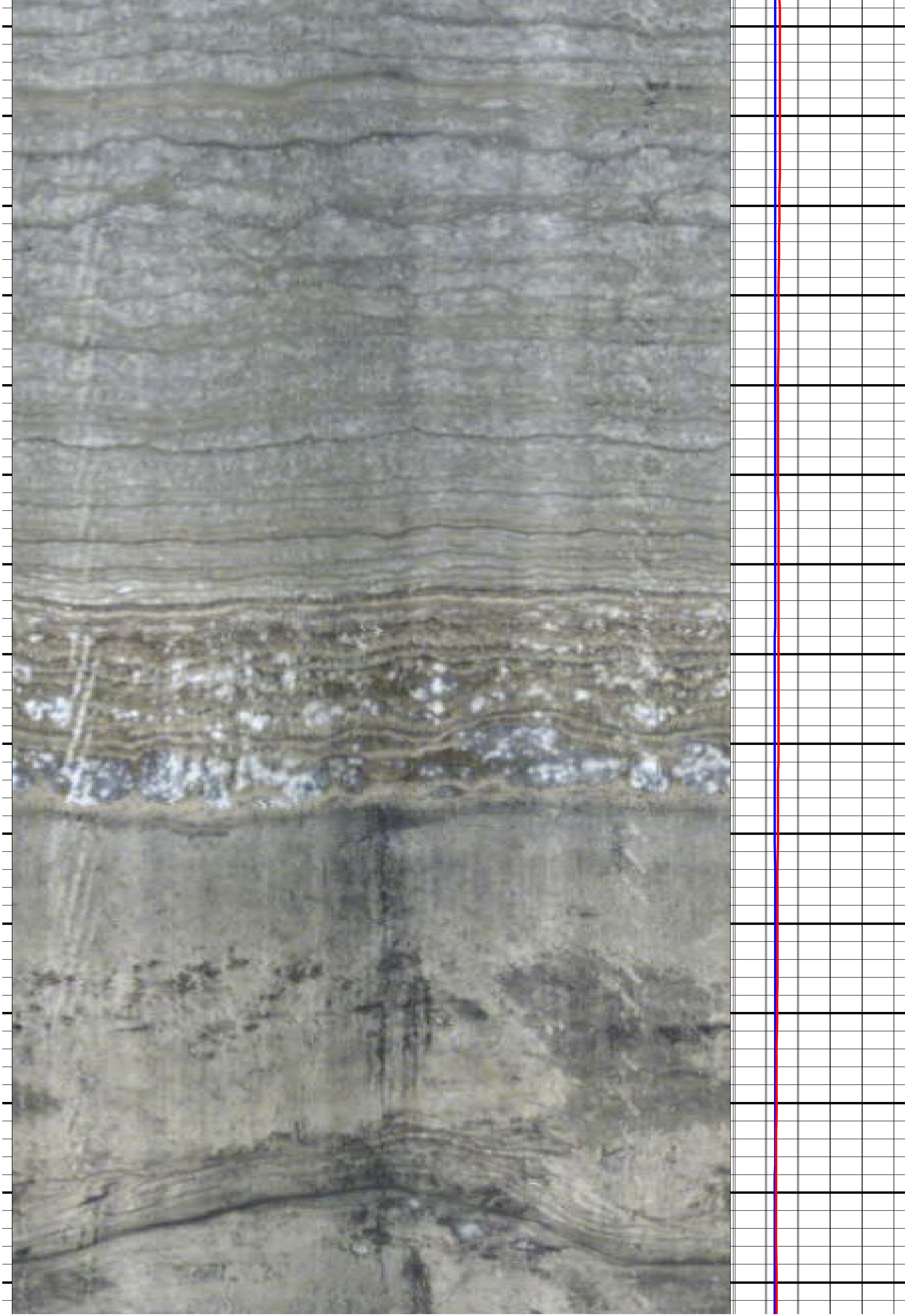

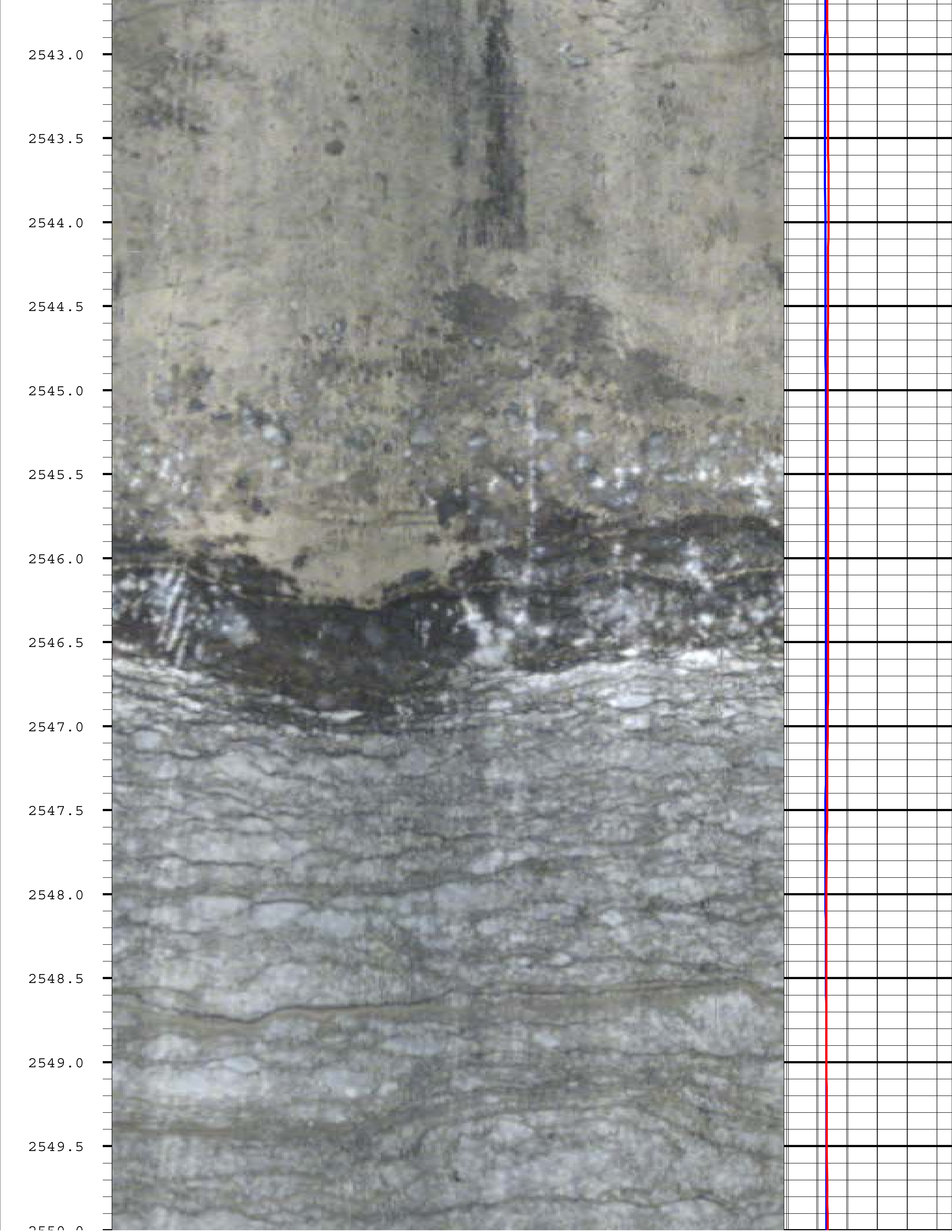
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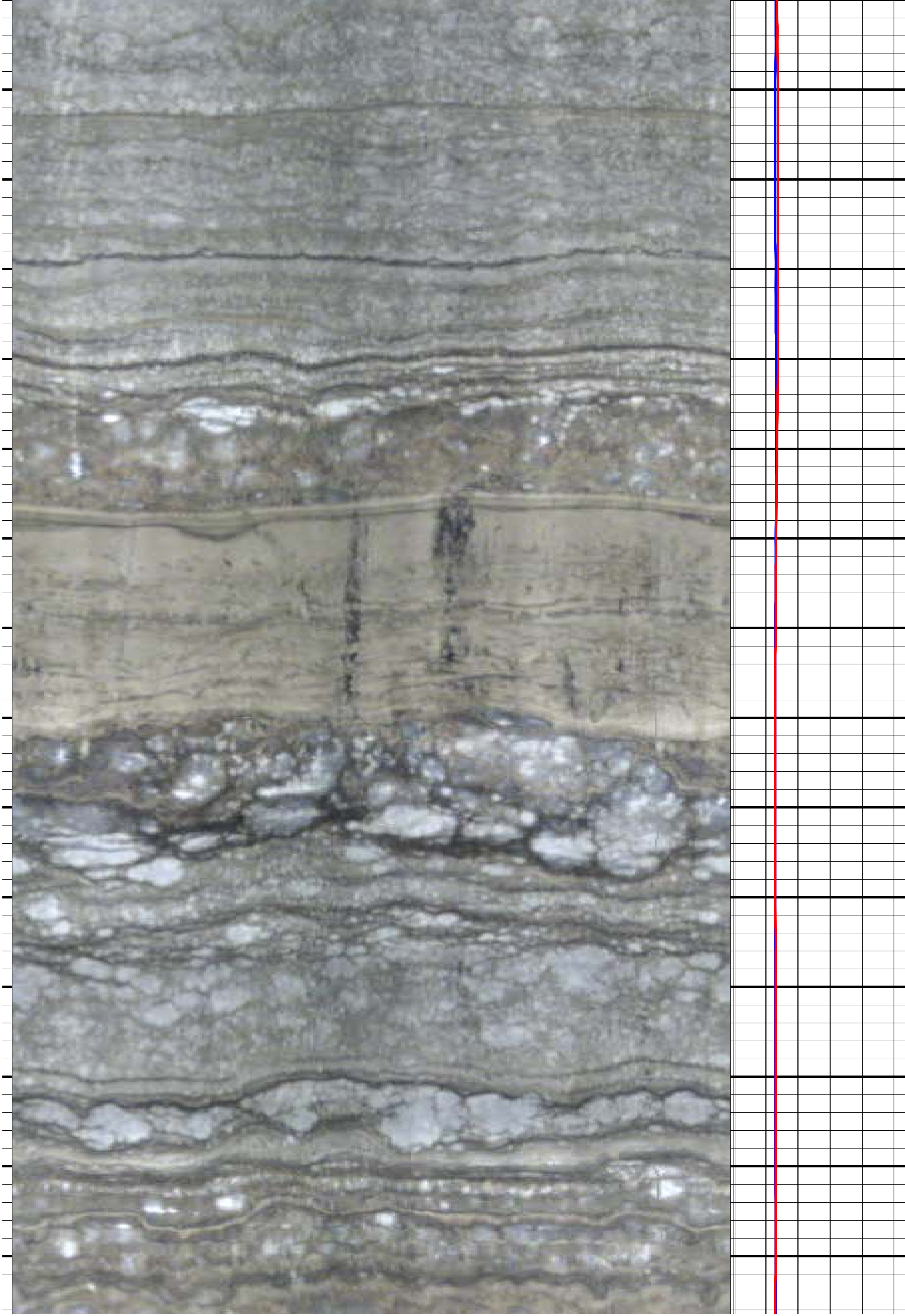

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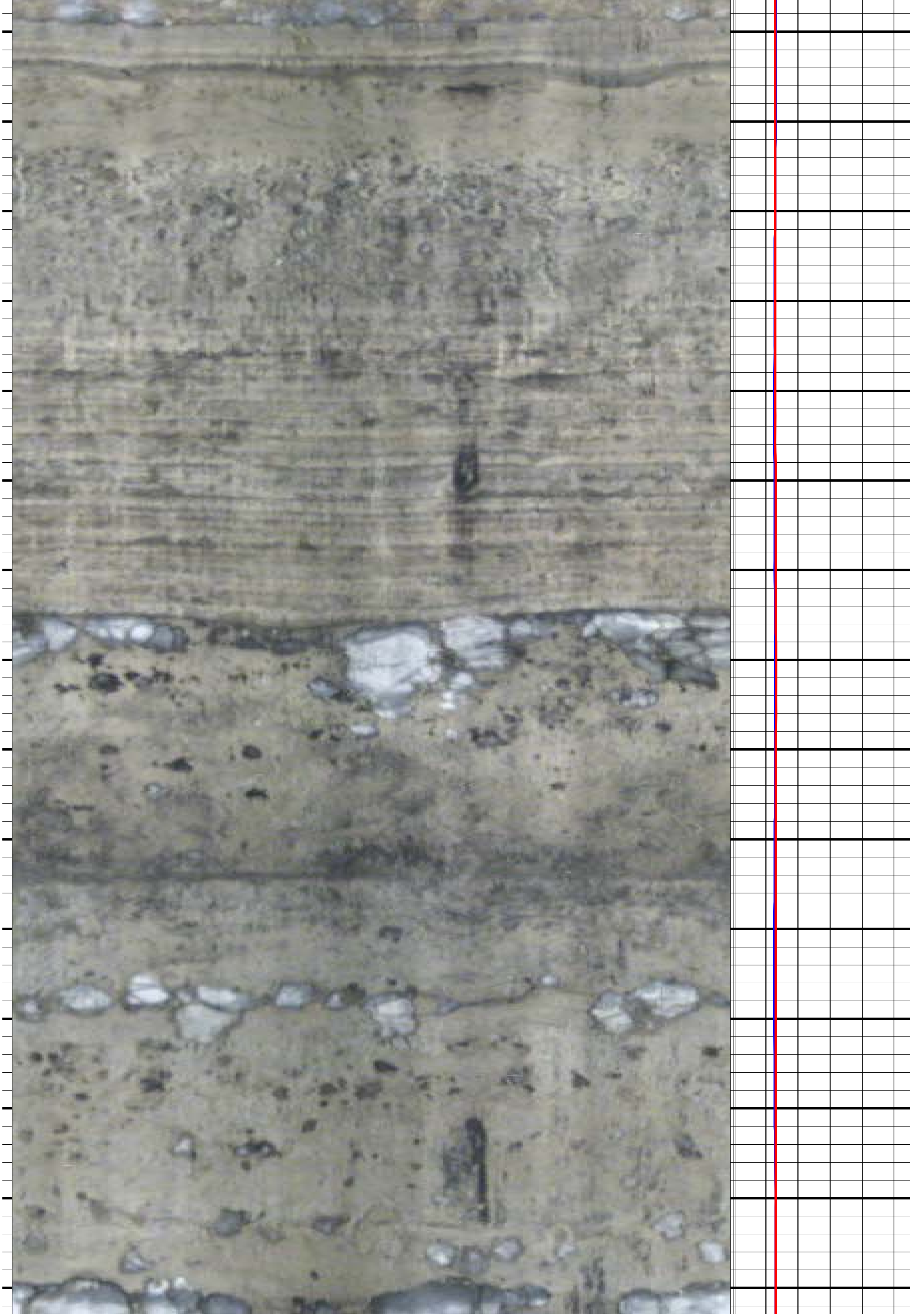

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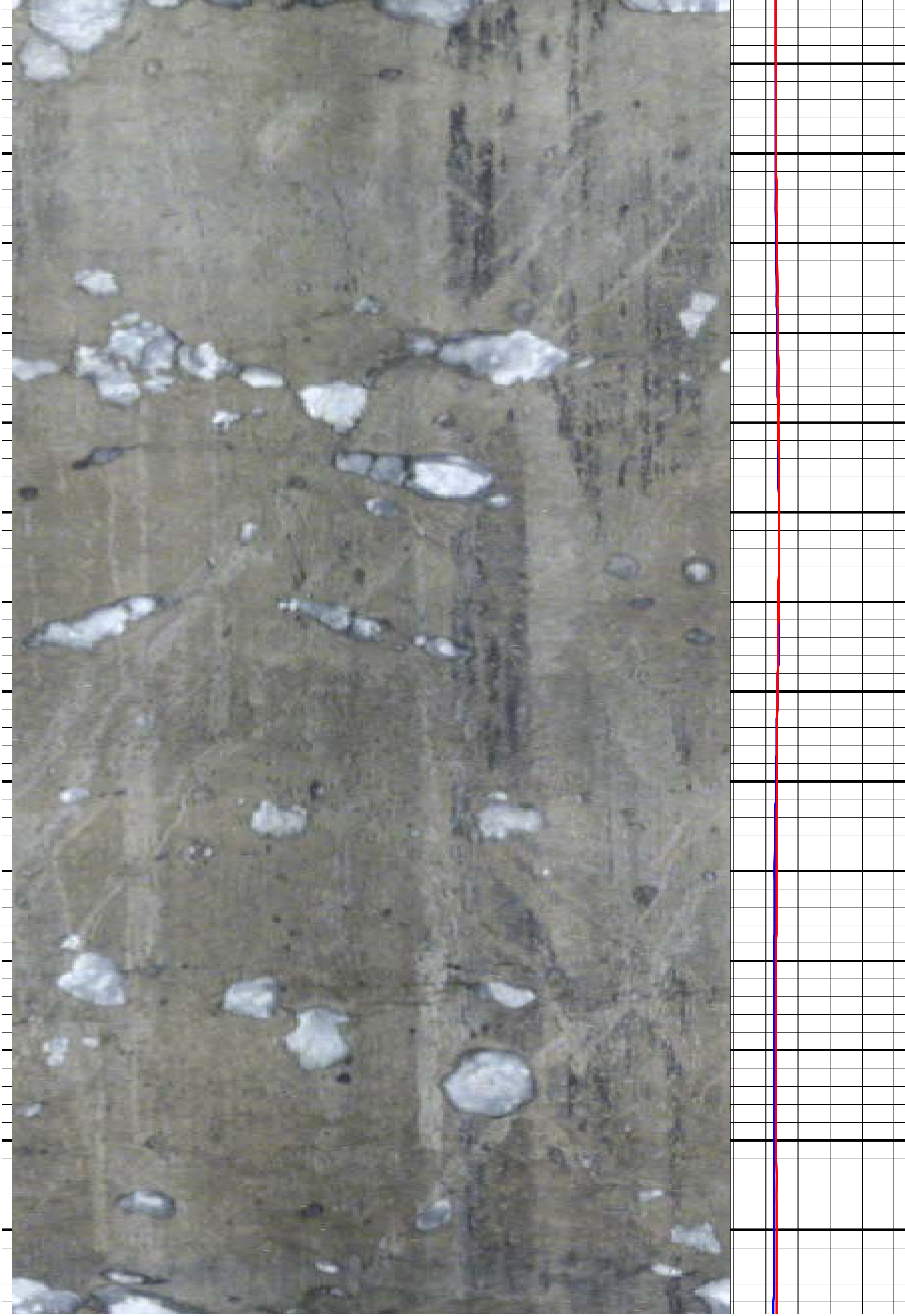

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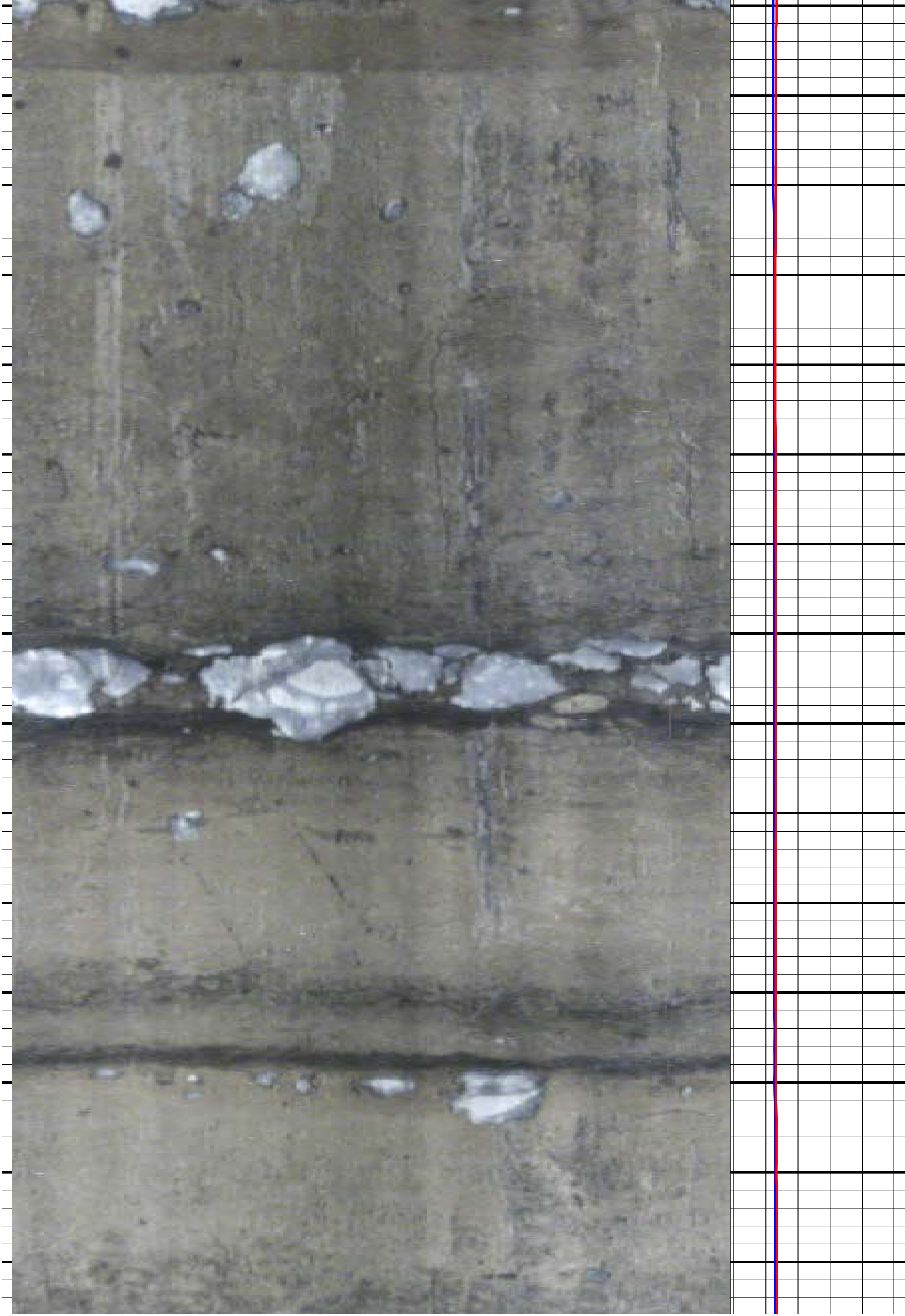

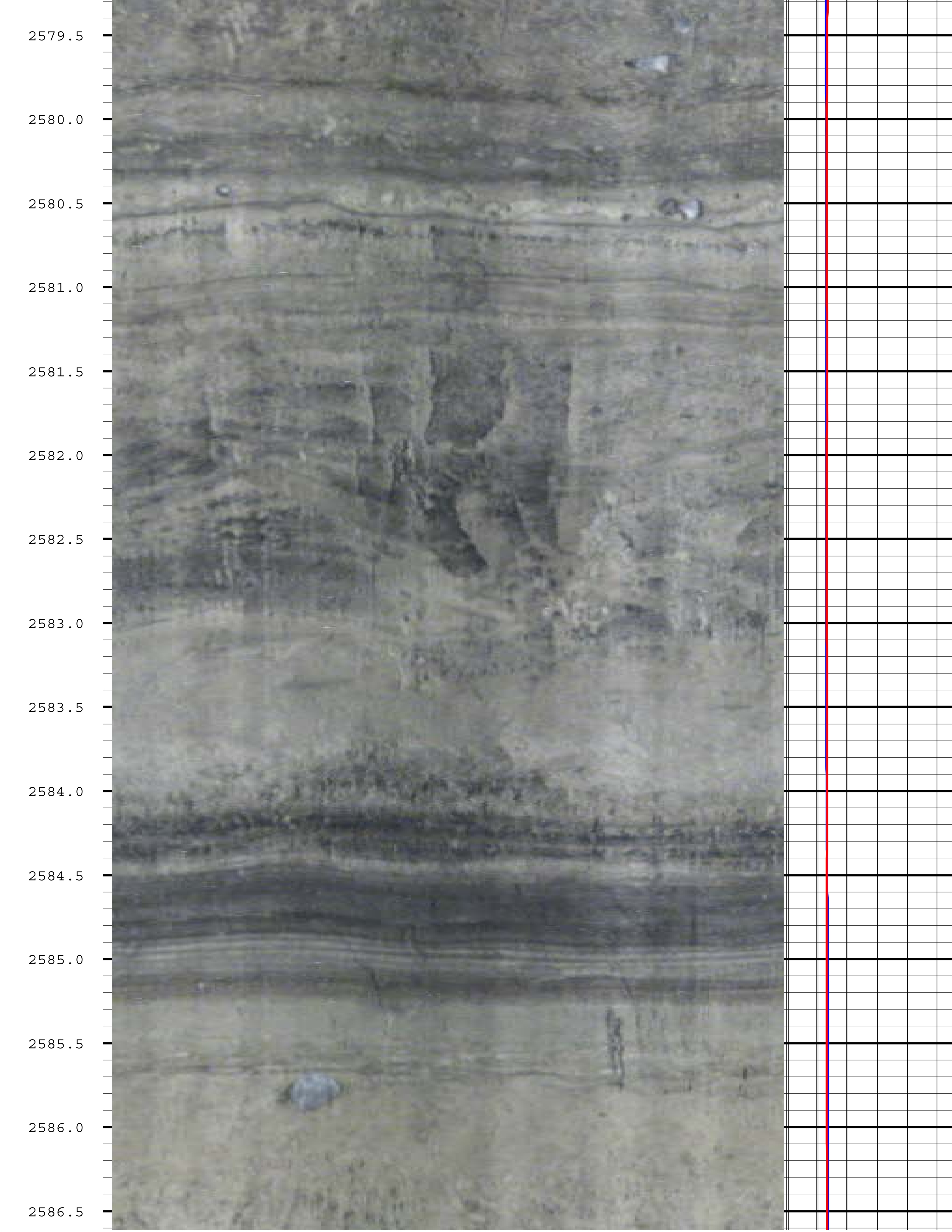
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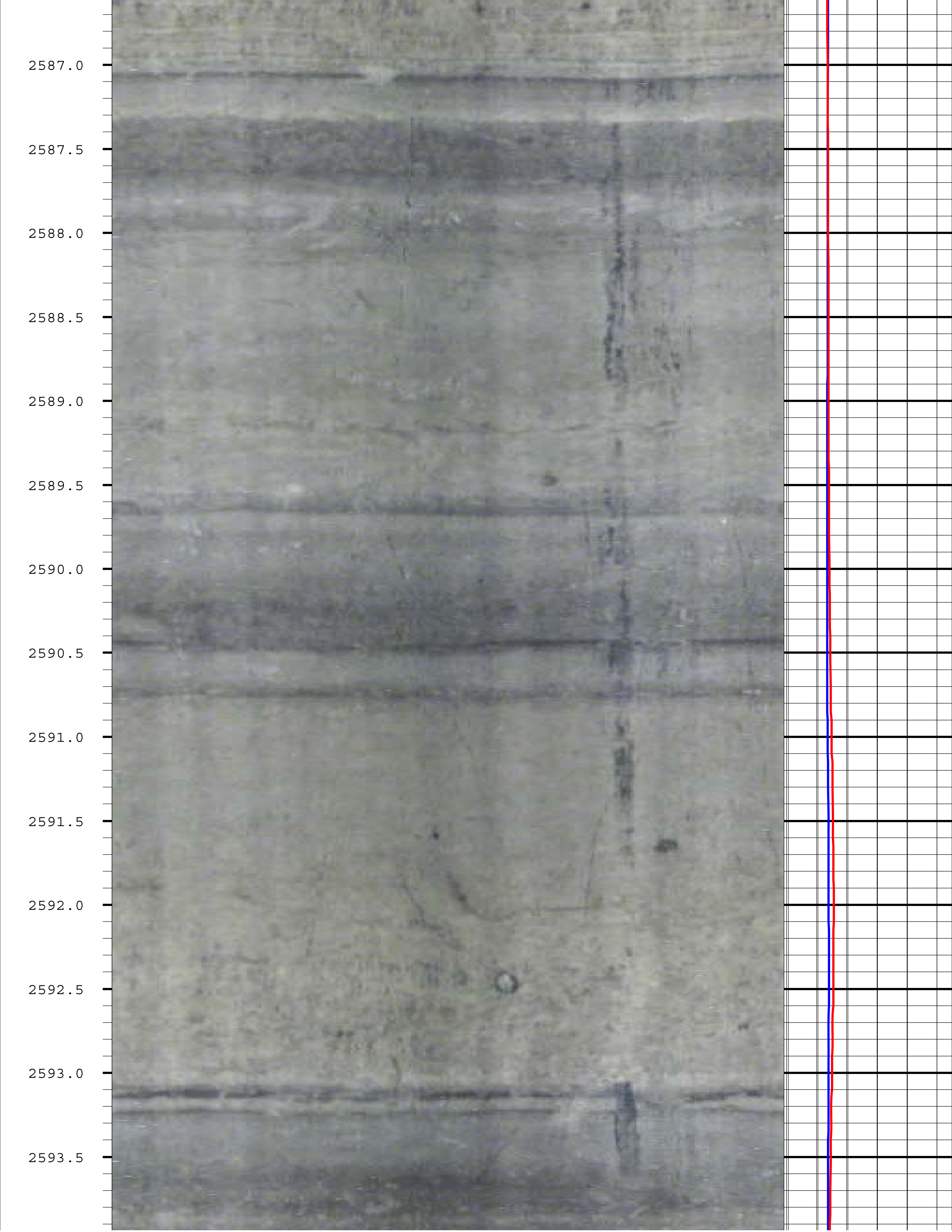
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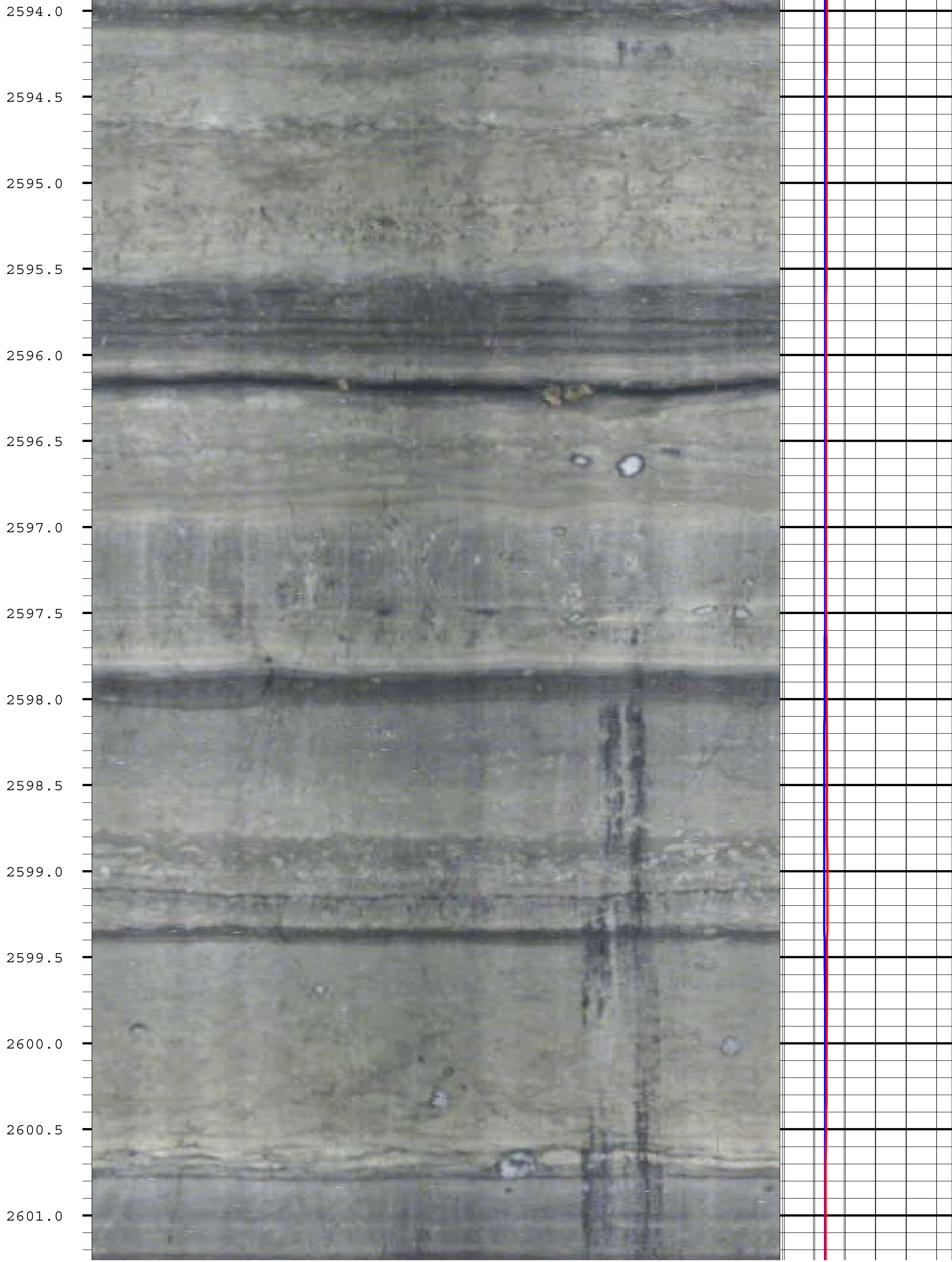
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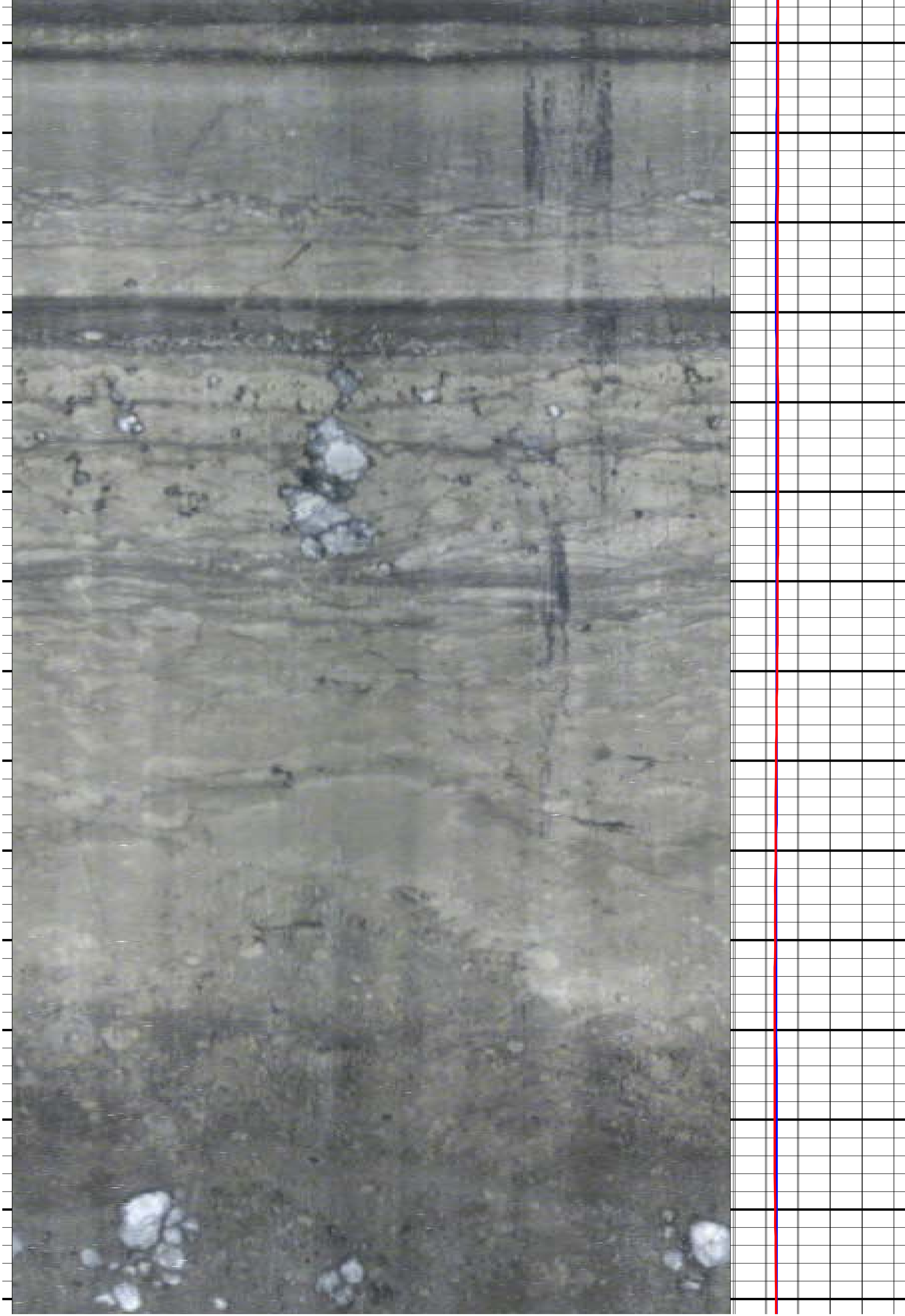

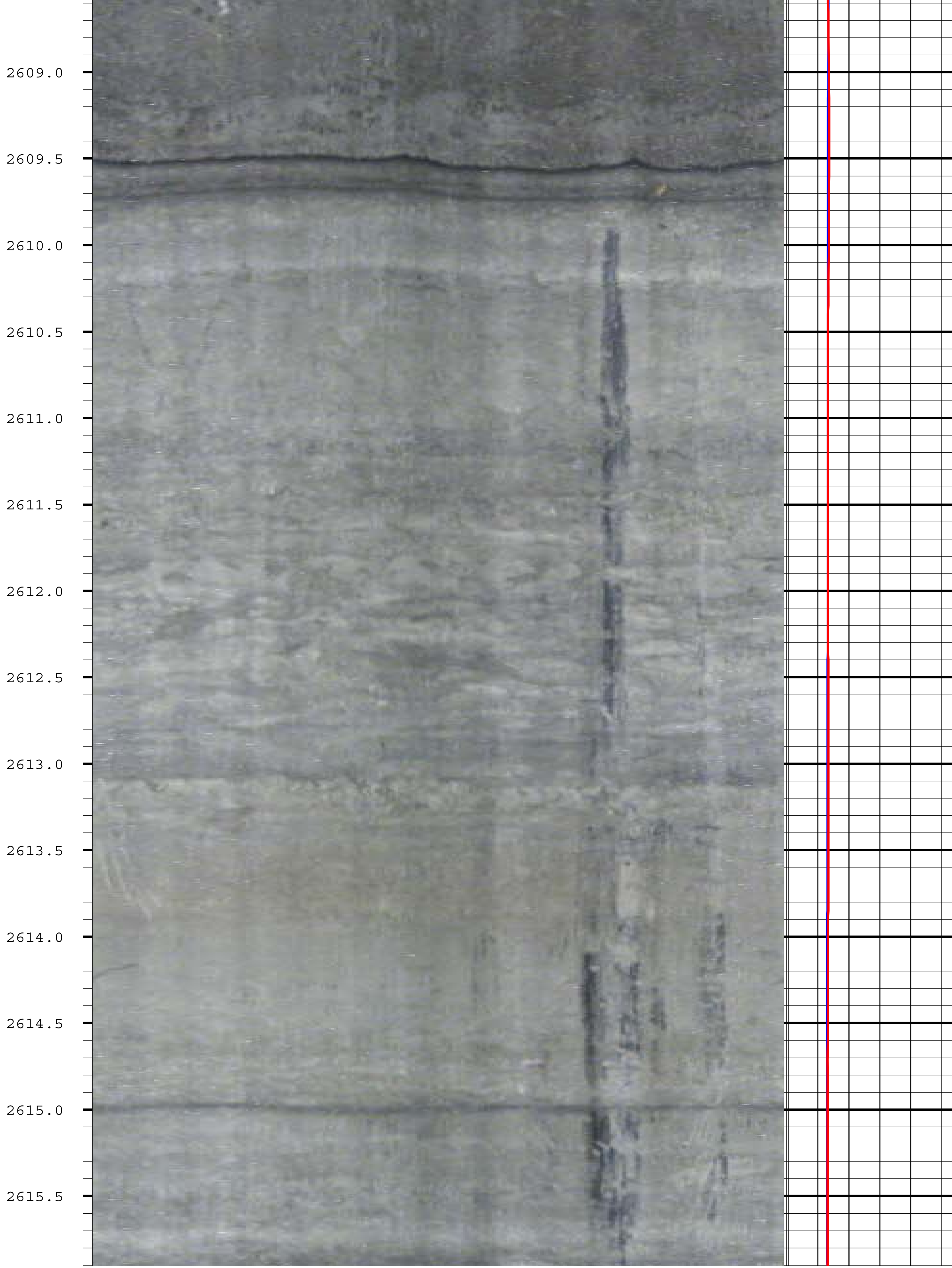
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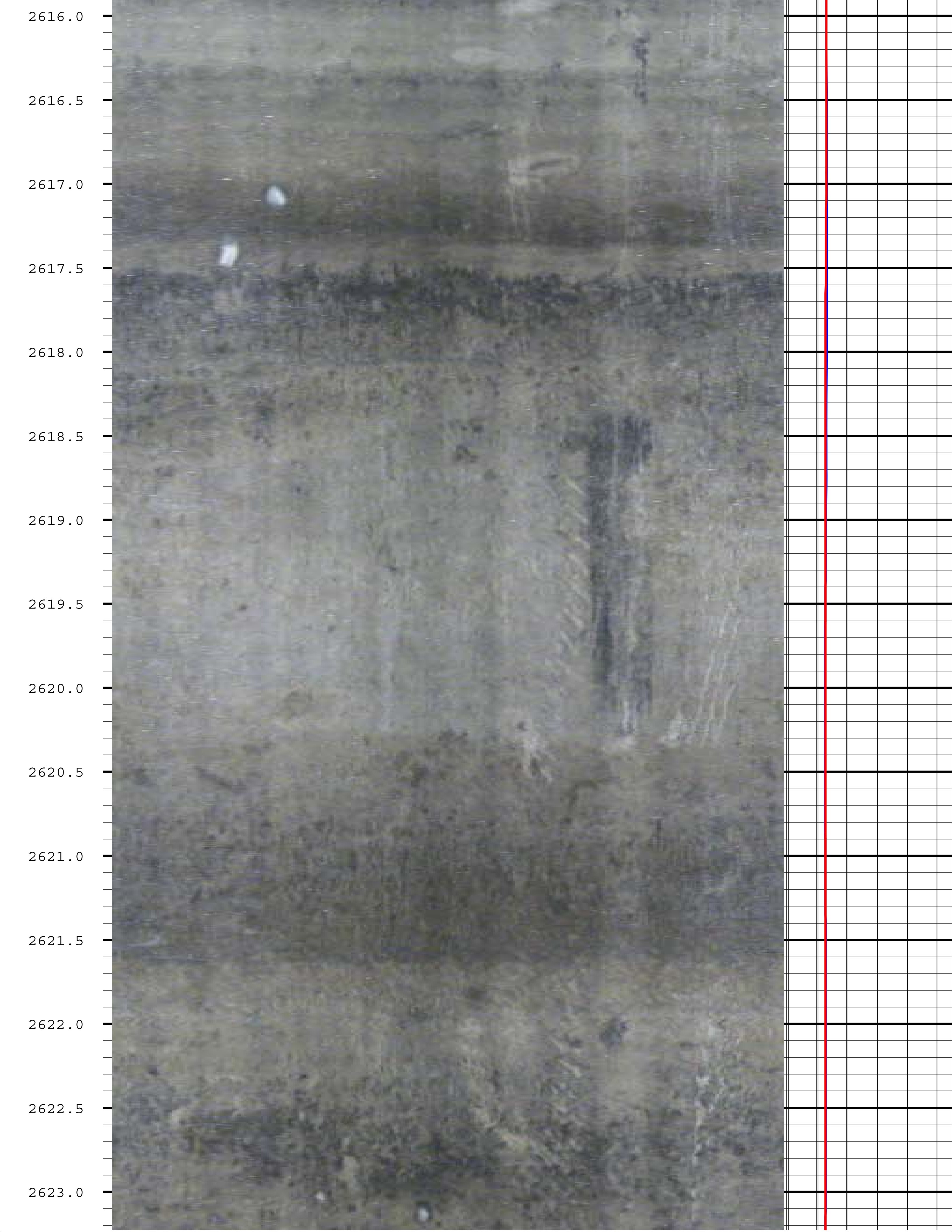
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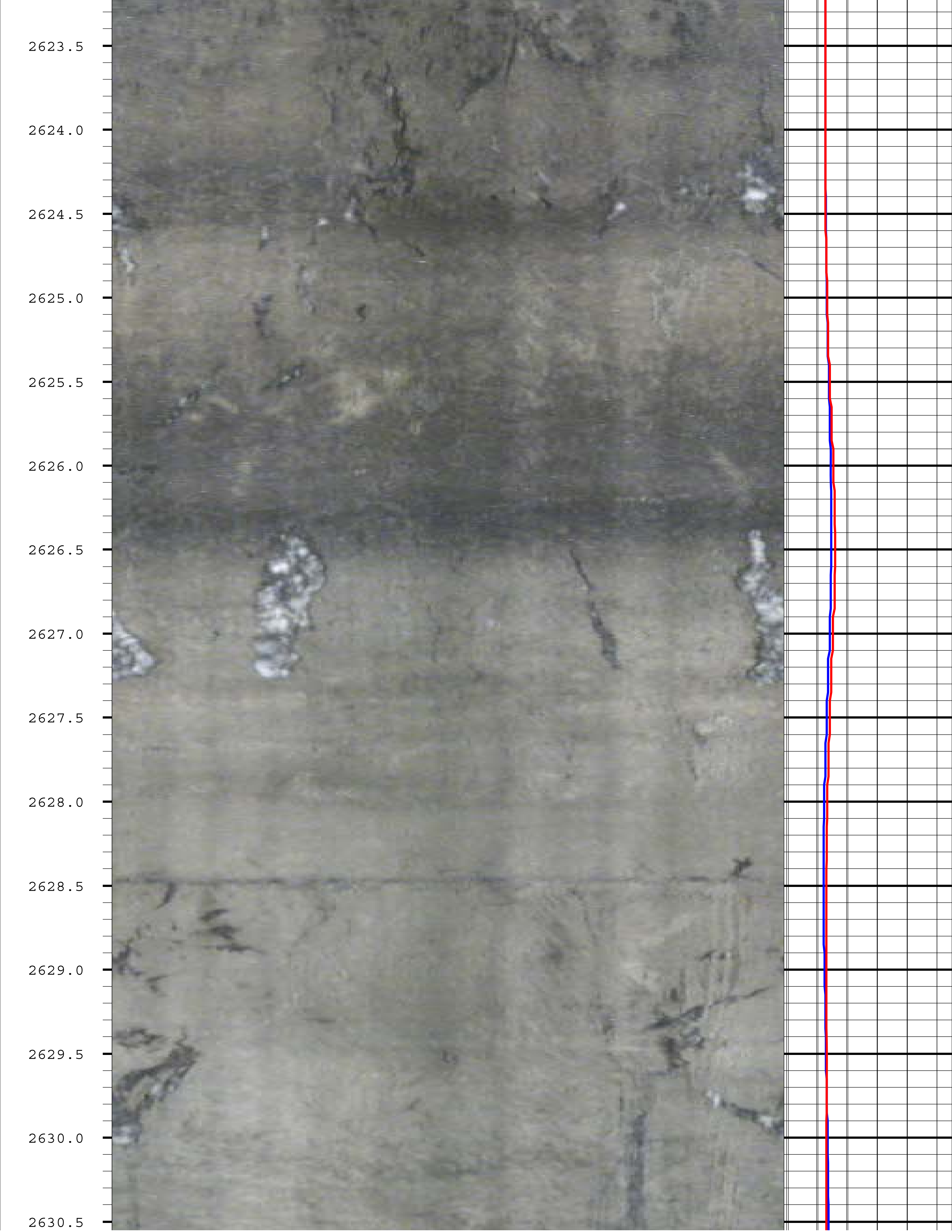
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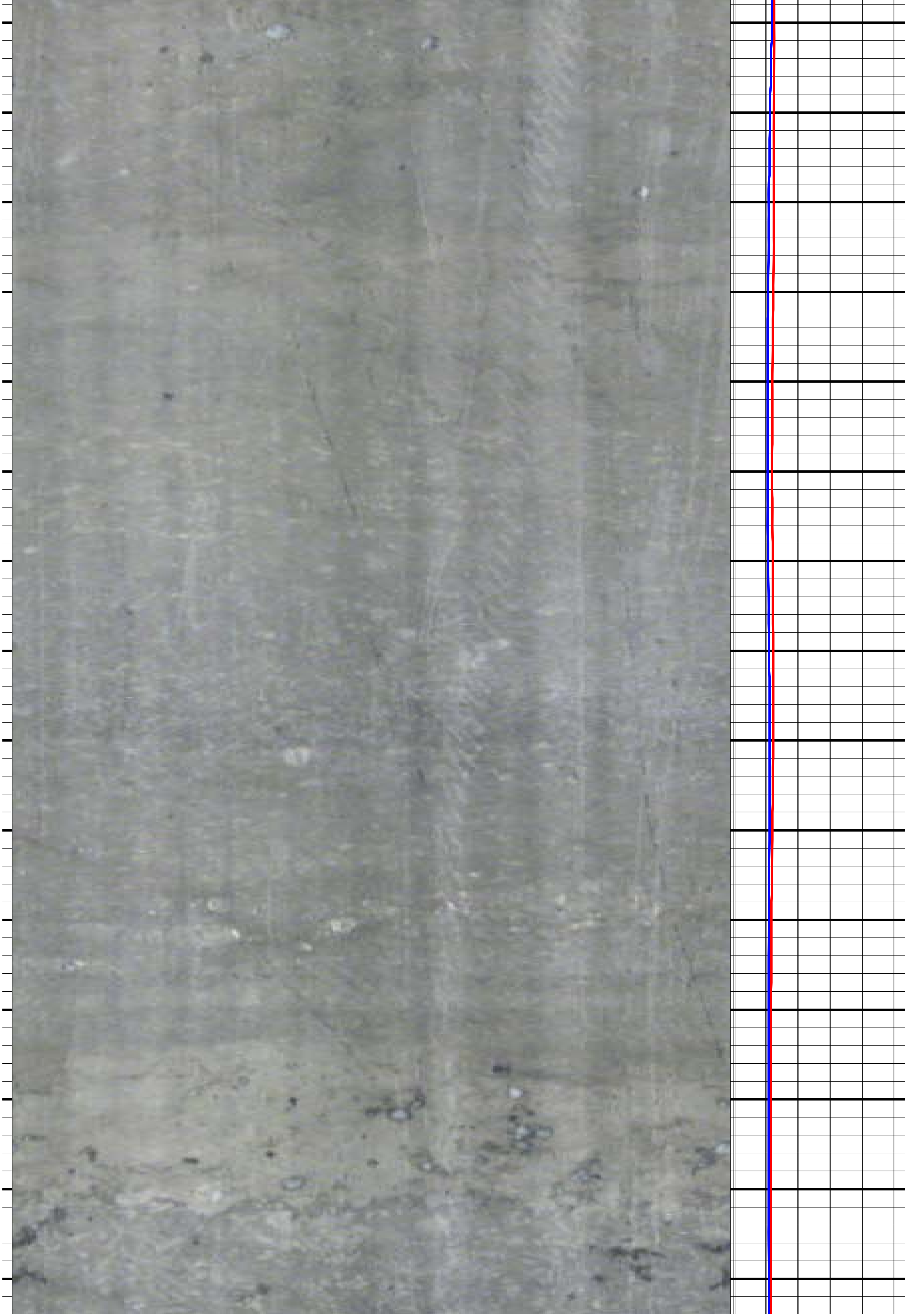

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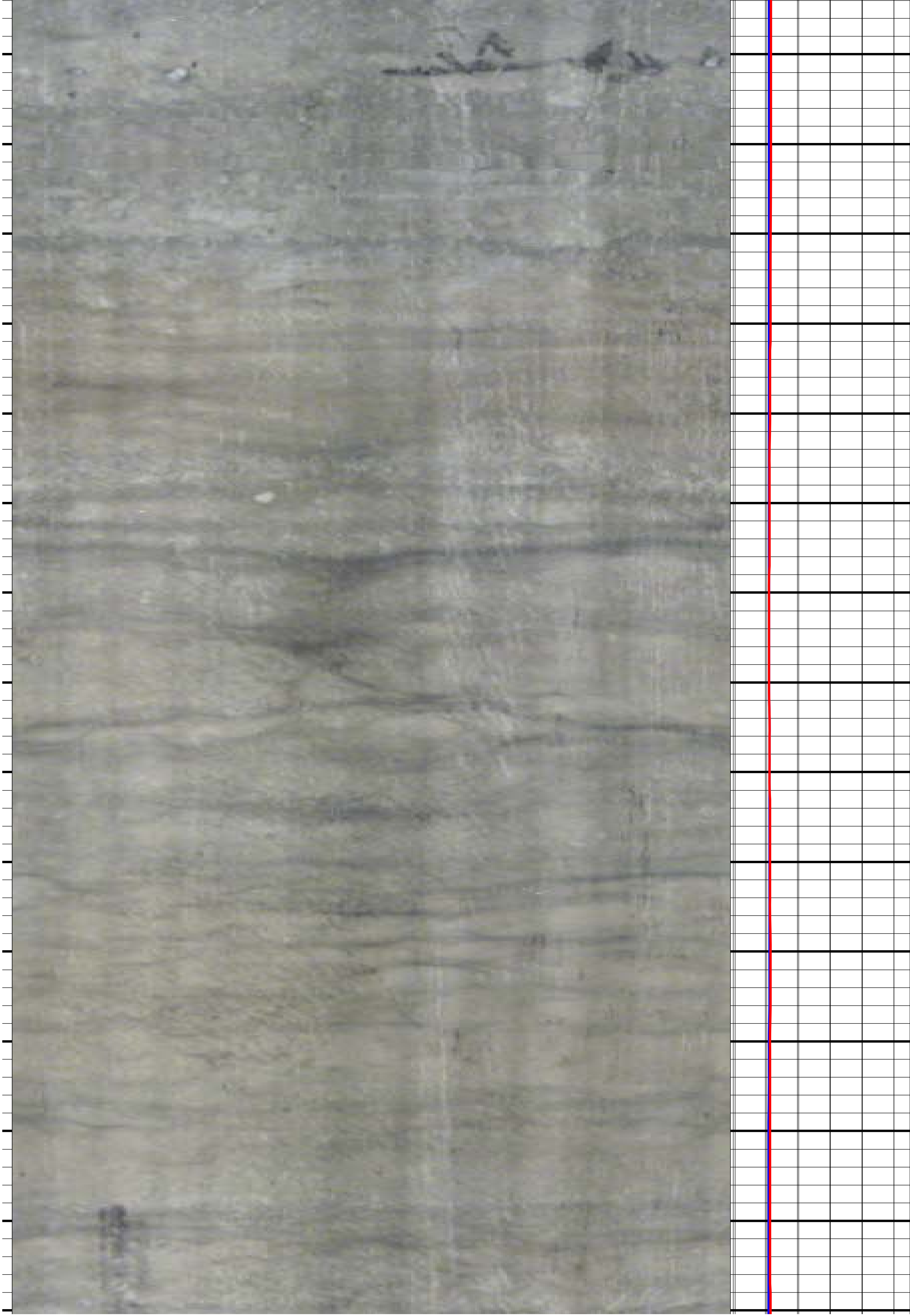

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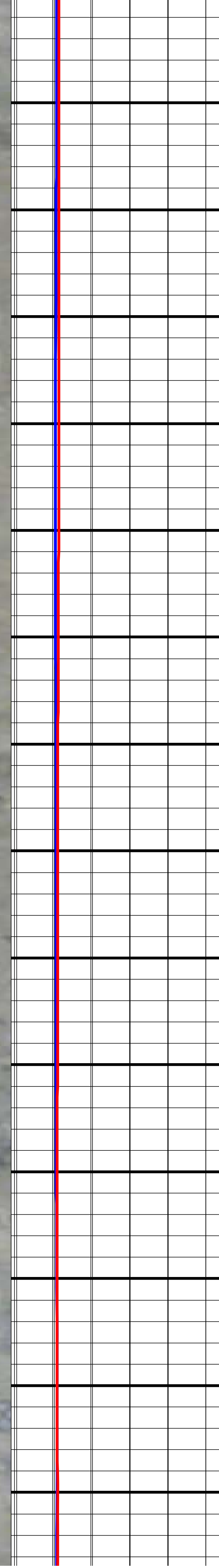

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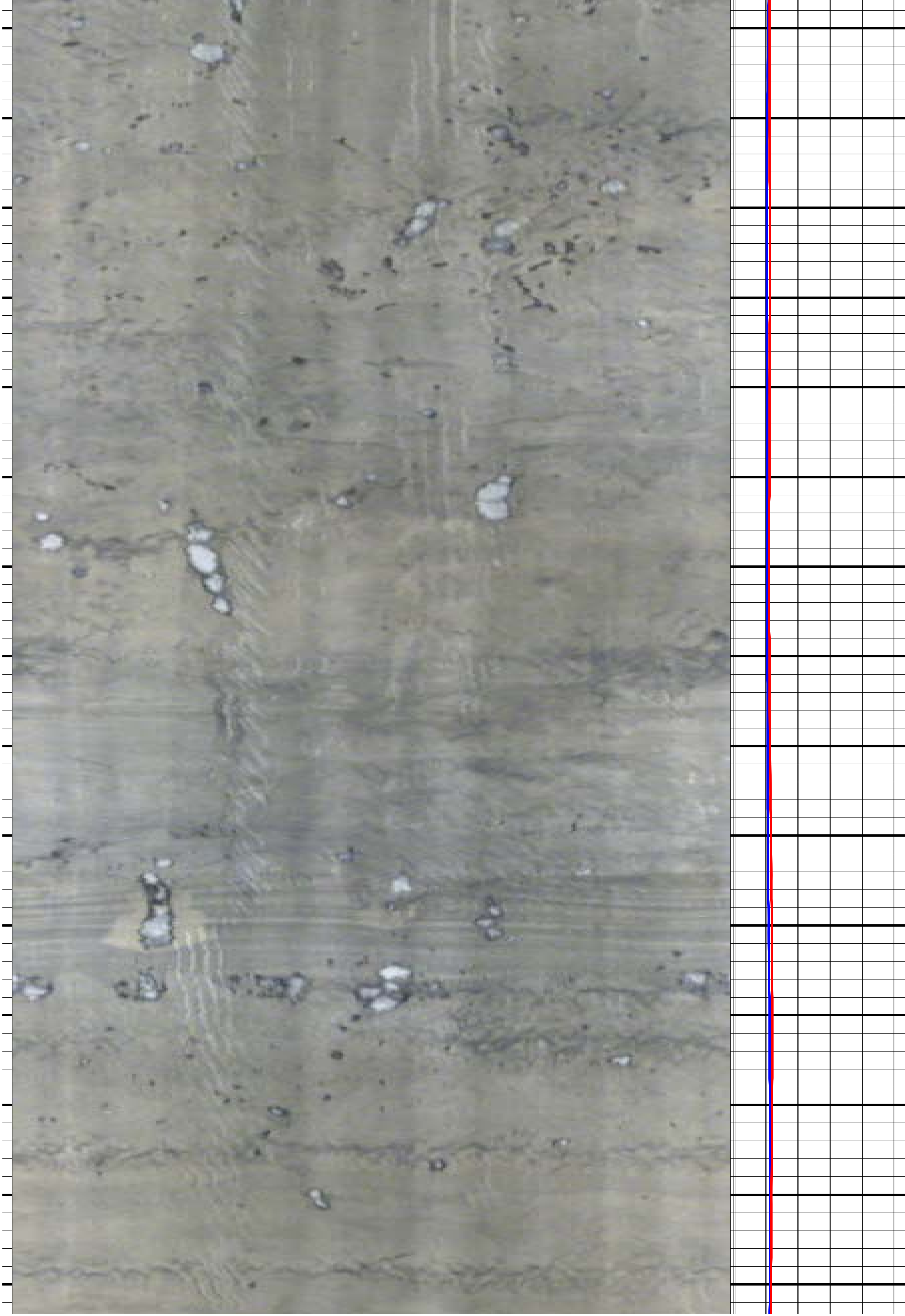

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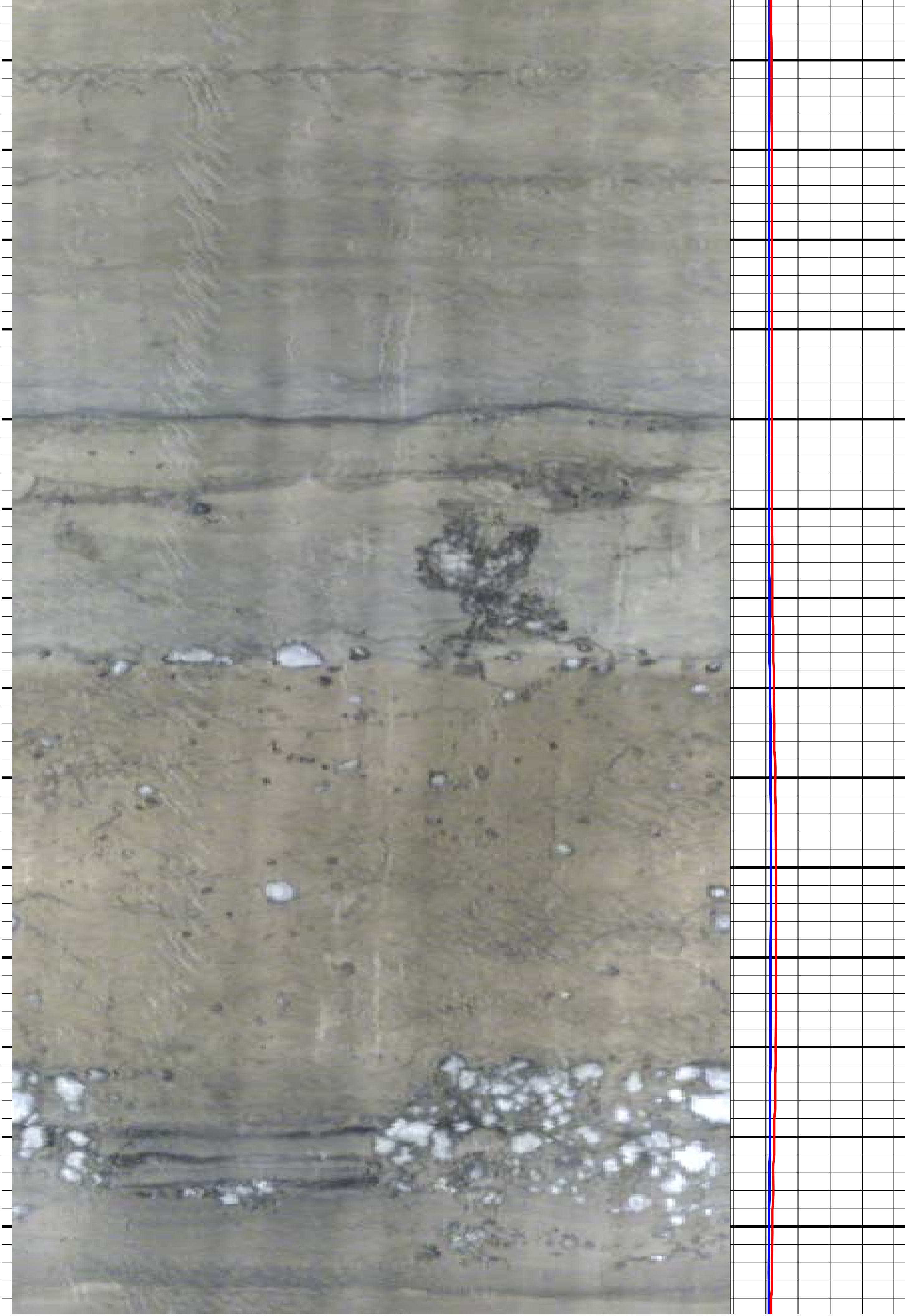

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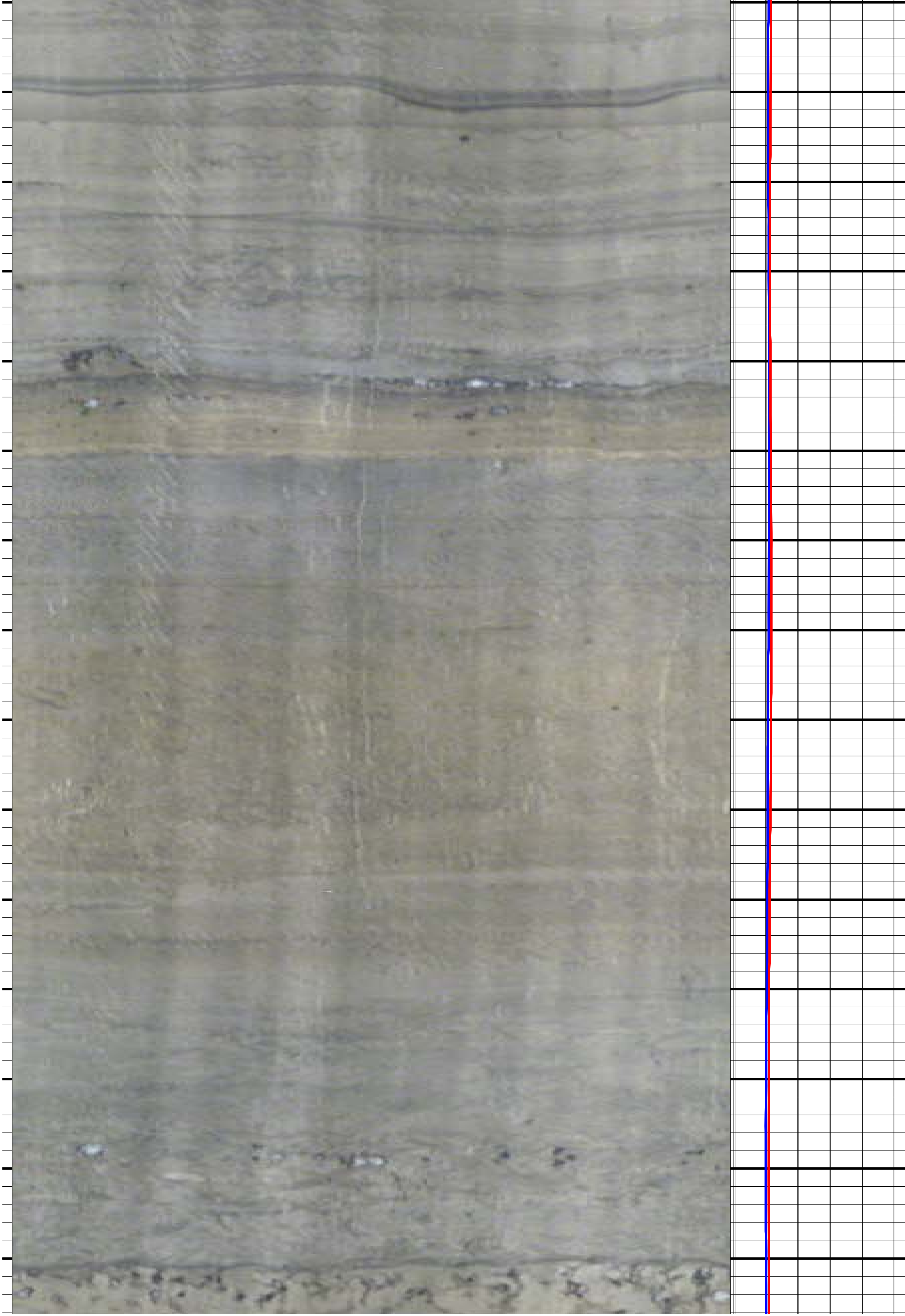

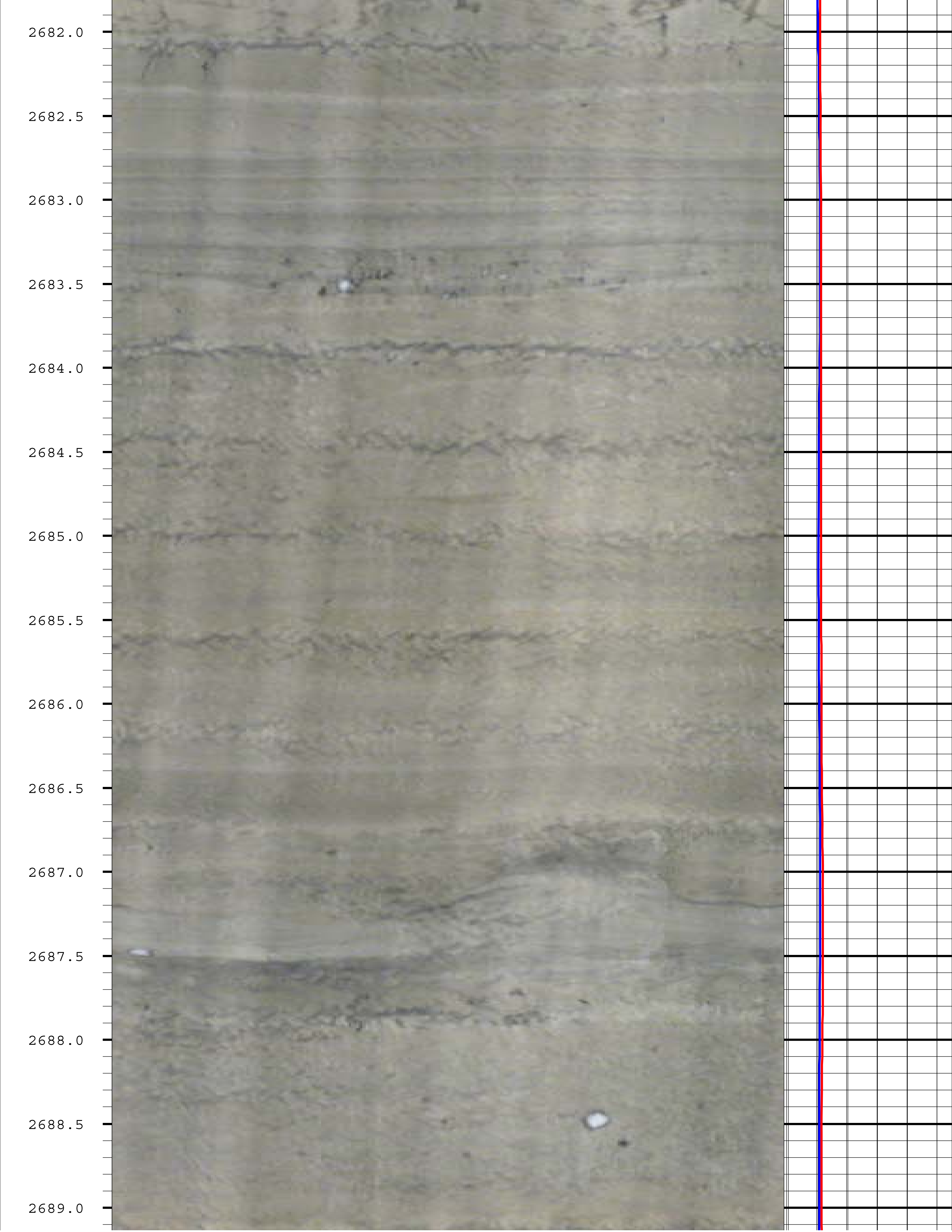
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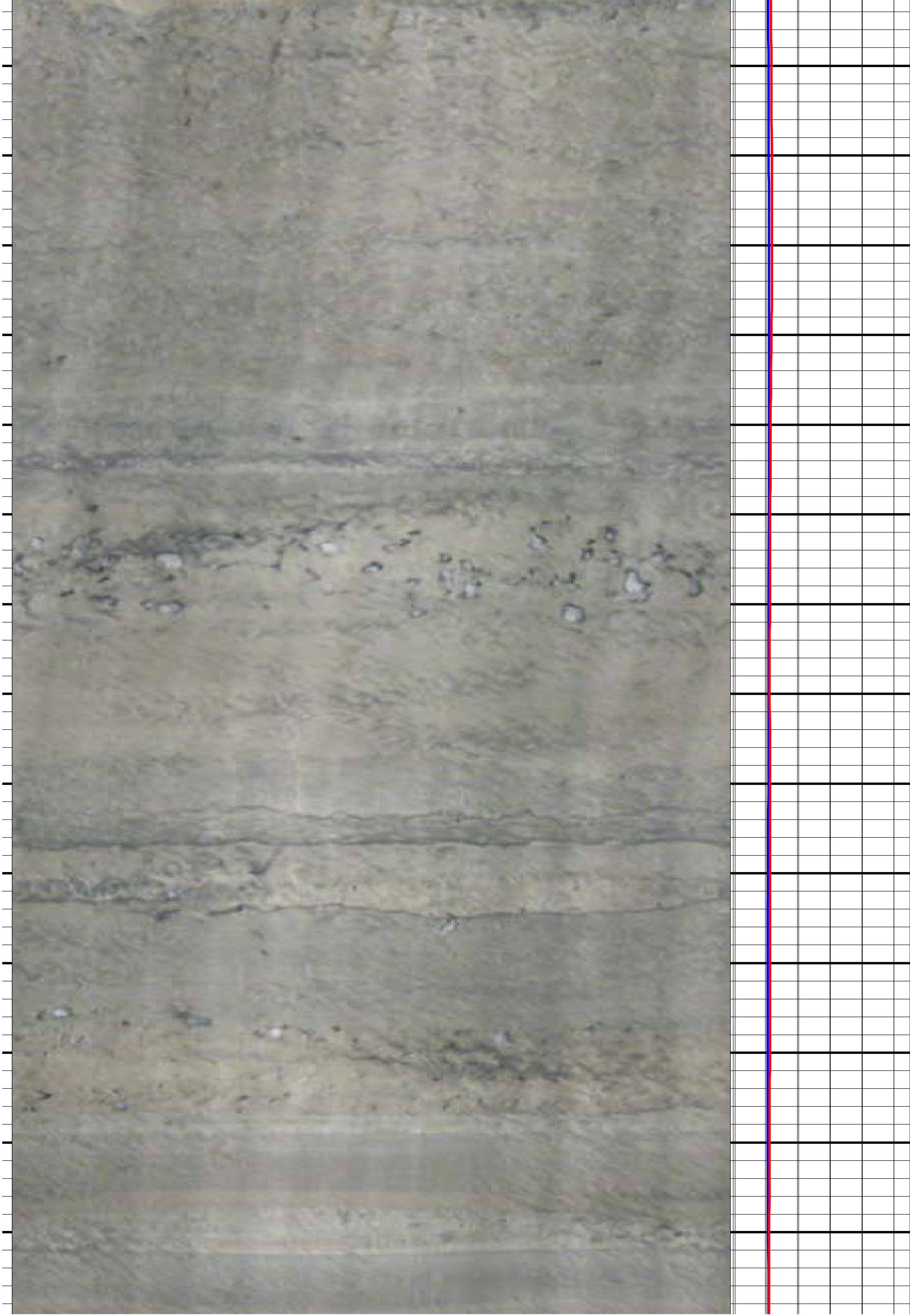

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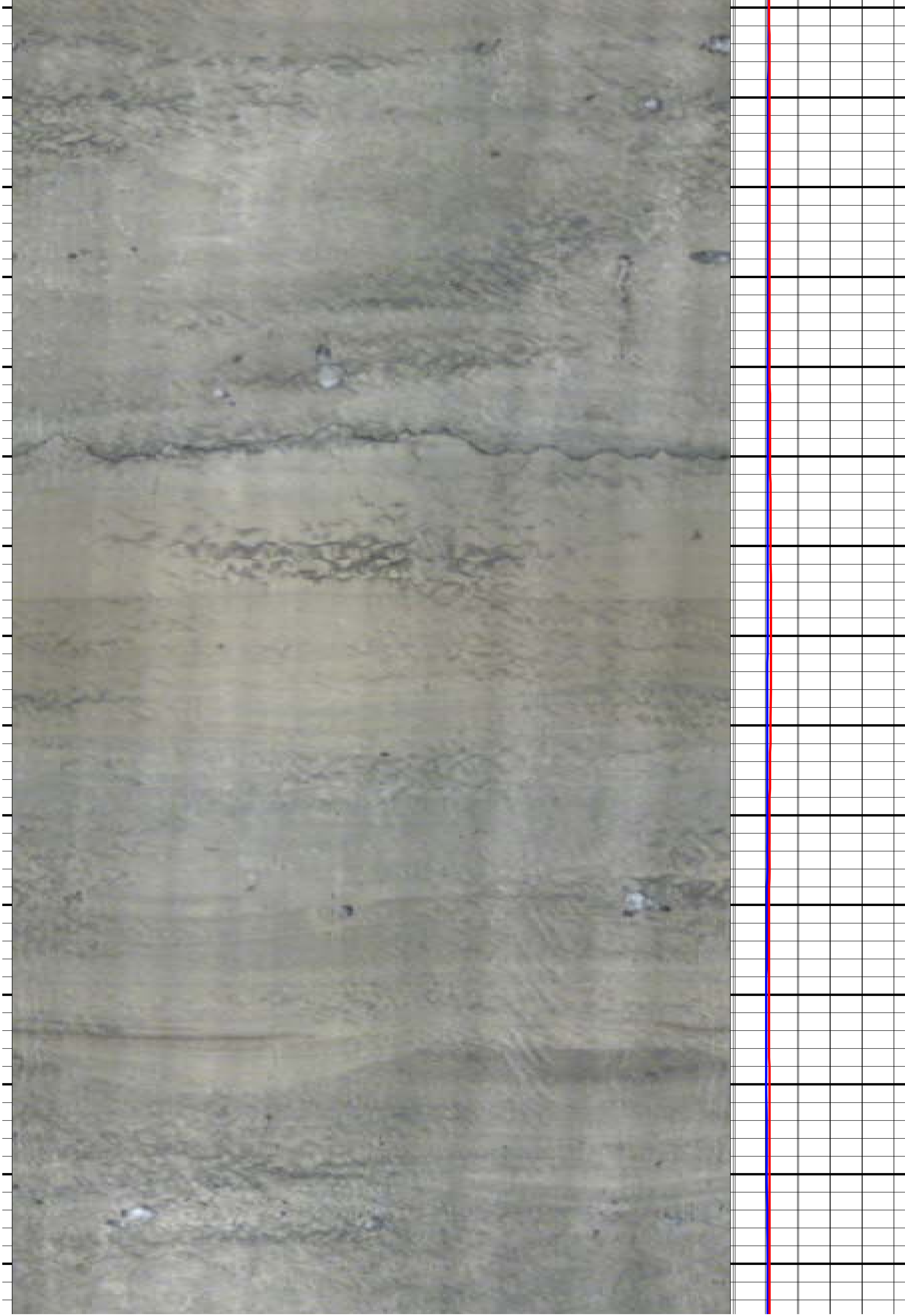

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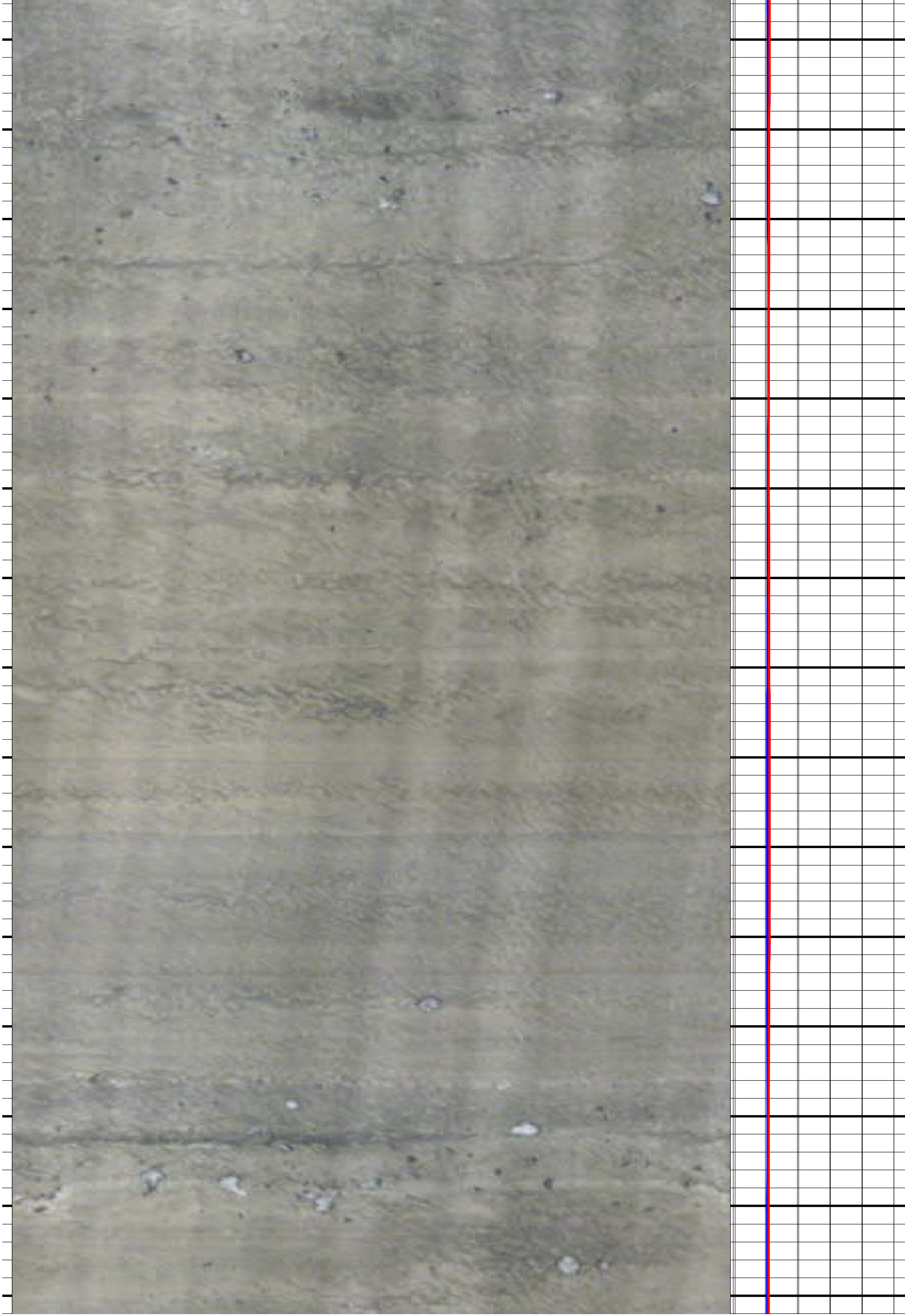

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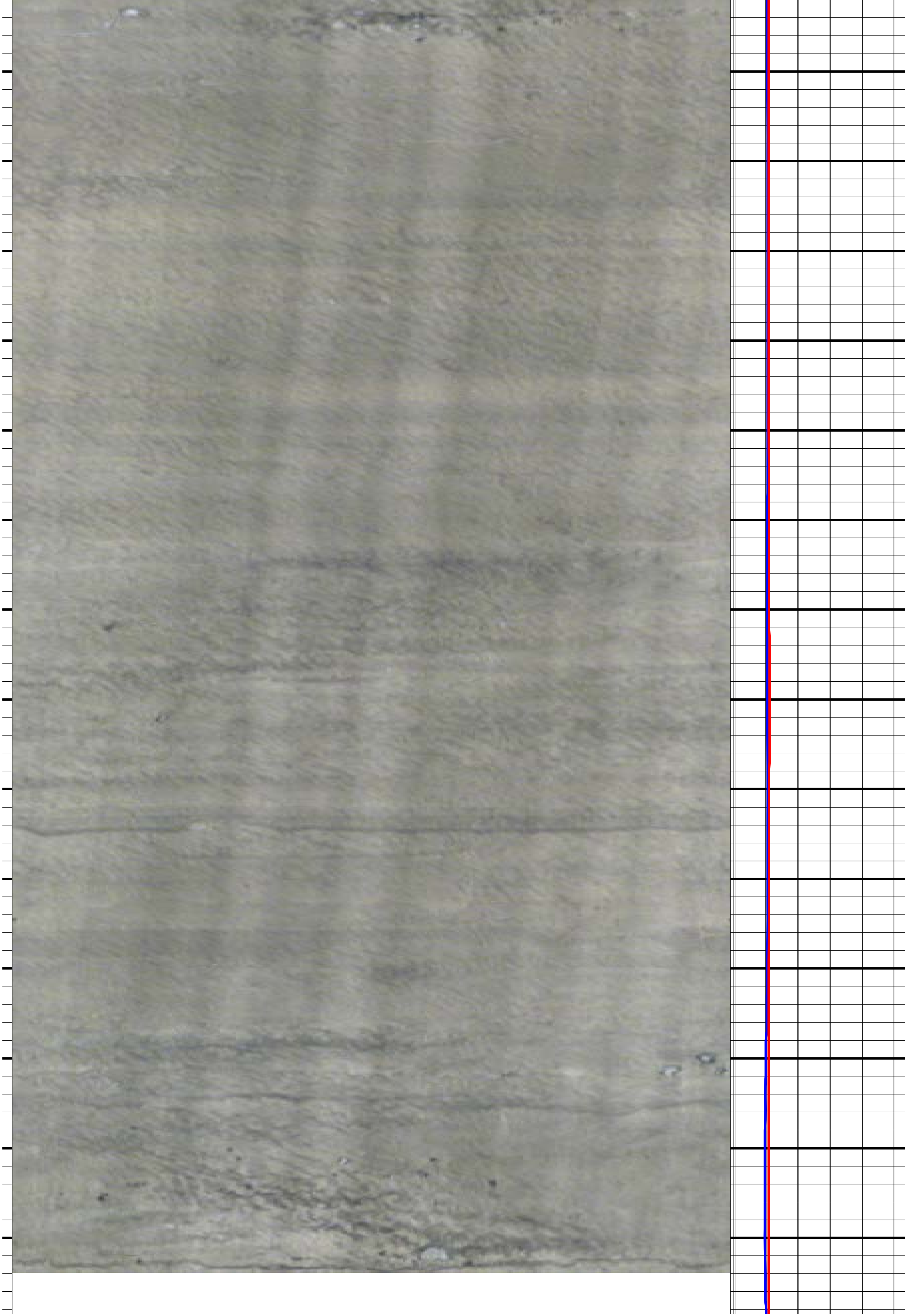
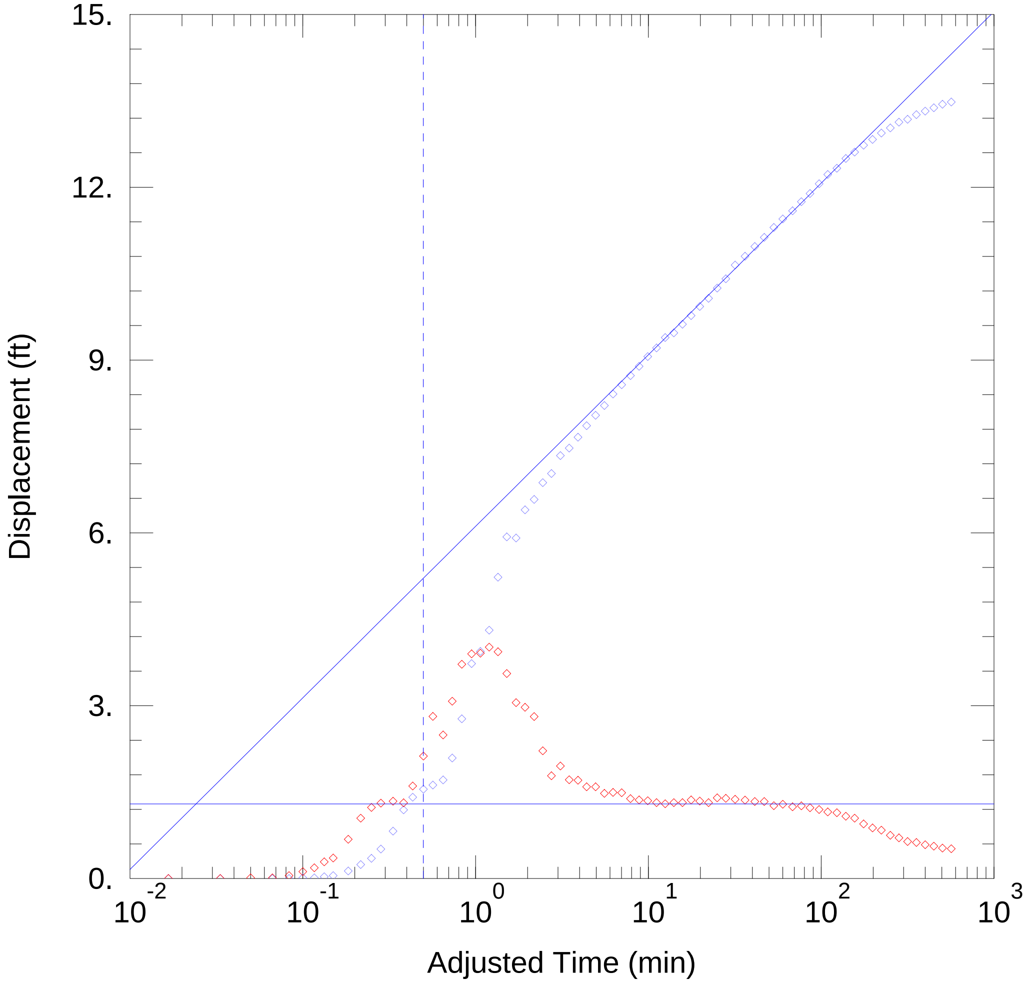


Appendix D



APT#1 - APPZ

Data Set: K:\...\POF-28_CJ_POF-28.aqt
Date: 09/24/12 Time: 14:23:19

PROJECT INFORMATION

Location: Site B
Test Well: POF-28
Test Date: 11-5-11

AQUIFER DATA

Saturated Thickness: 350. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-28	0	0

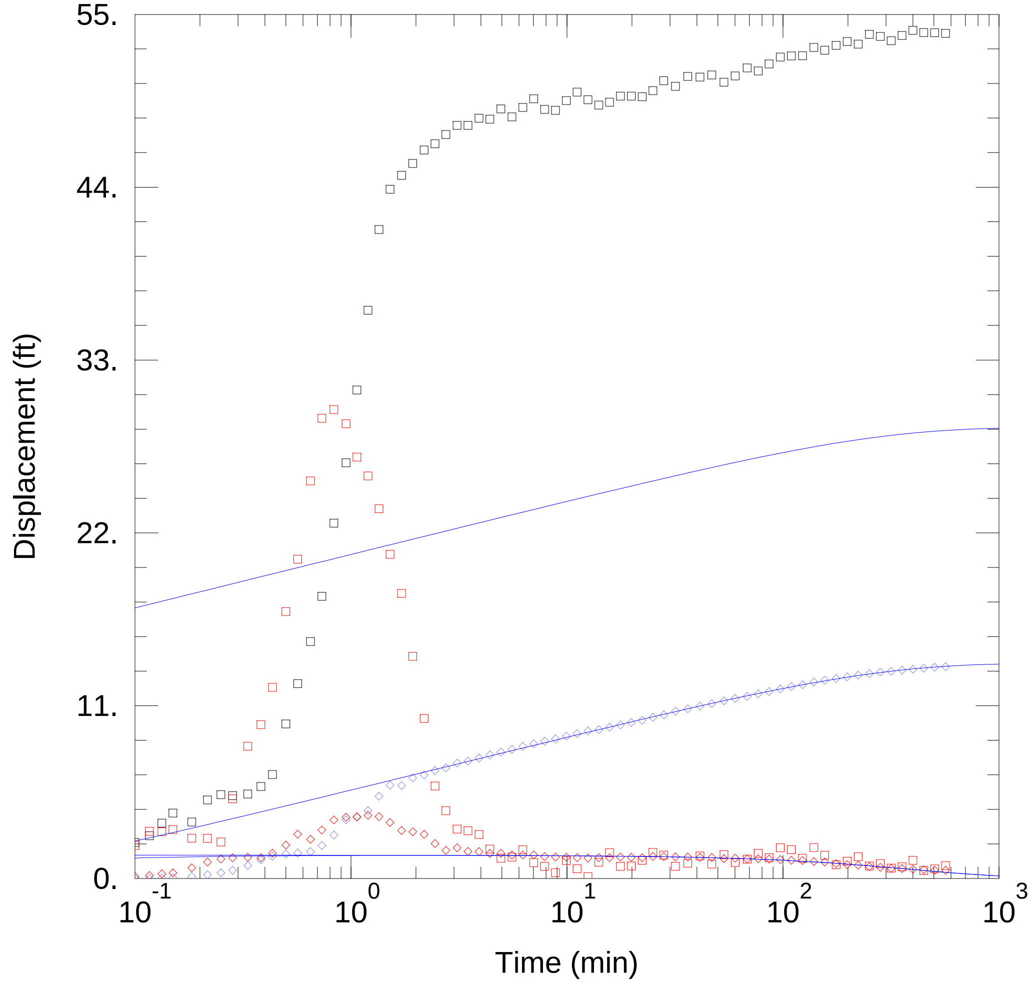
Observation Wells

Well Name	X (ft)	Y (ft)
◇ POF-27L	0	97.5
+ POF-27U	0	97.5

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 5.092E+4 ft^2/day S = 7.41E-5



APT#1 - APPZ

Data Set: K:\...\POF-28_POF-27L_DD1.aqt
Date: 09/24/12 Time: 14:25:21

PROJECT INFORMATION

Location: Site B
Test Well: POF-28
Test Date: 11-5-11

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-28	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
□ POF-28	0	0
◇ POF-27L	0	80
+ POF-27U	0	80

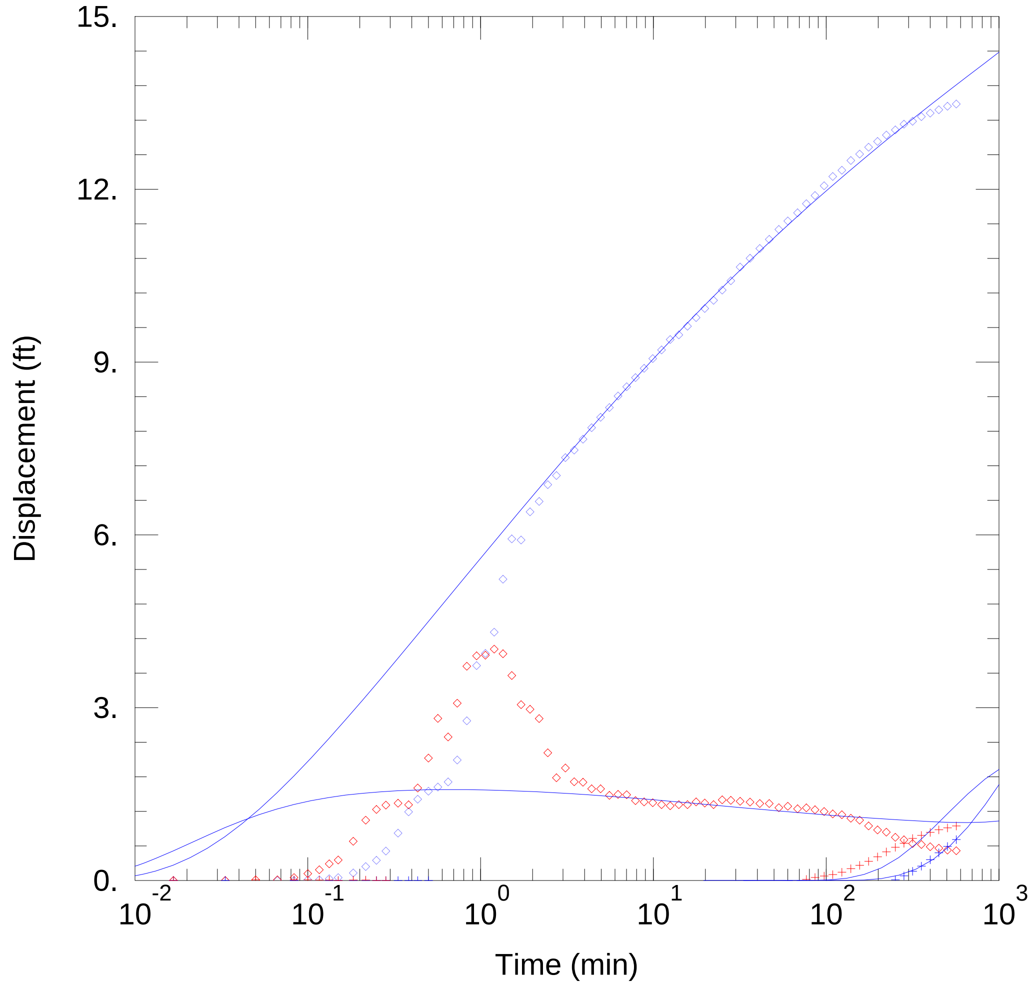
SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

T = 4.452E+4 ft^2/day
1/B = 0.0001376 ft^{-1}
b = 230. ft

S = 0.0002449
Kz/Kr = 1.



APT#1 - APPZ

Data Set: K:\...\POF-28_APT1_DD1_NW_1.aqt
Date: 09/24/12 Time: 14:27:55

PROJECT INFORMATION

Location: Site B
Test Well: POF-28
Test Date: 11-5-11

AQUIFER DATA

Saturated Thickness: 350. ft
Anisotropy Ratio (Kz/Kr): 1.
Aquitard Thickness (b'): 240. ft
Aquitard Thickness (b"): 1. ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-28	0	0

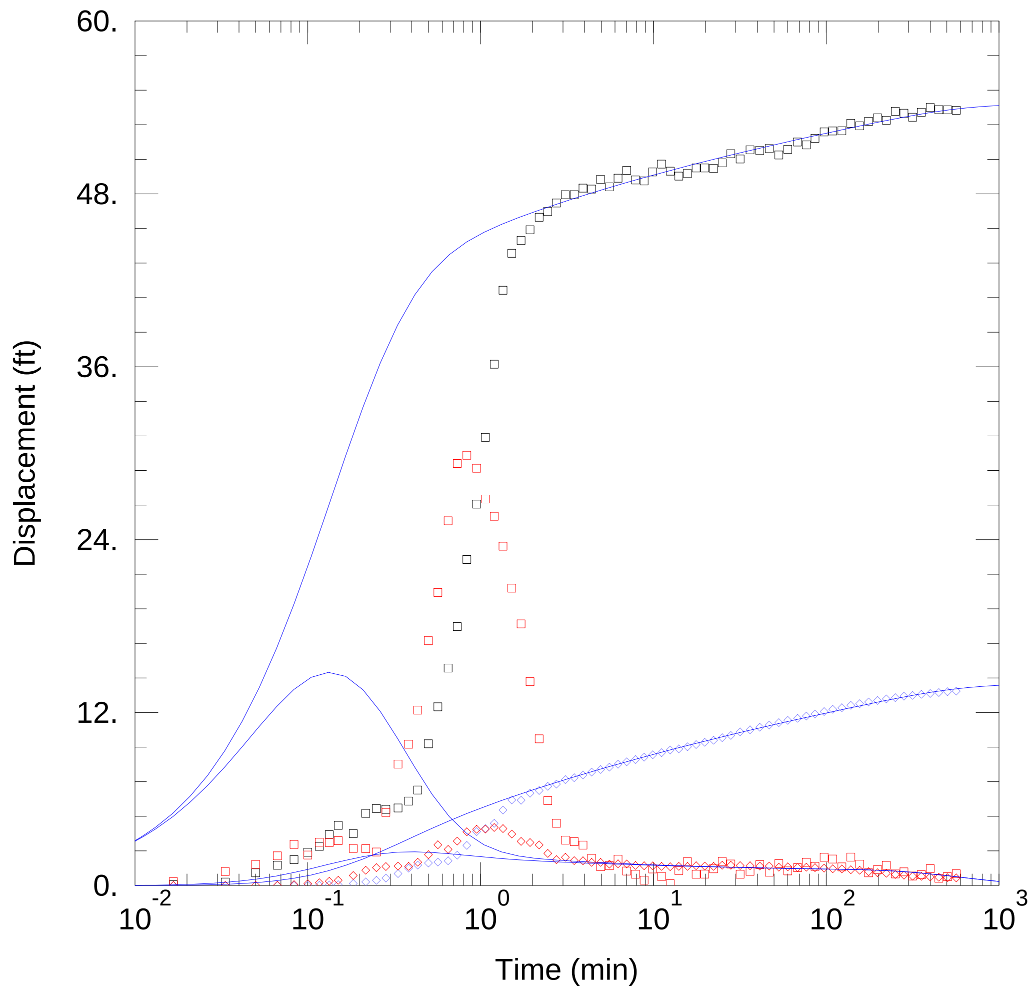
Observation Wells

Well Name	X (ft)	Y (ft)
◇ POF-27L	0	95.7
+ POF-27U	0	95.7

SOLUTION

Aquifer Model: Leaky
Solution Method: Neuman-Witherspoon

T = 3.736E+4 ft^2/day
S = 0.00023
1/B = 0.0001658 ft^{-1}
ß/r = 0.0001268 ft^{-1}
T2 = 3450. ft^2/day
S2 = 0.0002



APT#1 - APPZ

Data Set: K:\...\POF-28_APT1_DD1_MoenchCase1.aqt
Date: 09/24/12 Time: 14:26:37

PROJECT INFORMATION

Location: Site B
Test Well: POF-28
Test Date: 11-5-11

AQUIFER DATA

Saturated Thickness: 350. ft
Anisotropy Ratio (Kz/Kr): 0.1
Aquitard Thickness (b'): 240. ft
Aquitard Thickness (b"): 222. ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-28	0	0

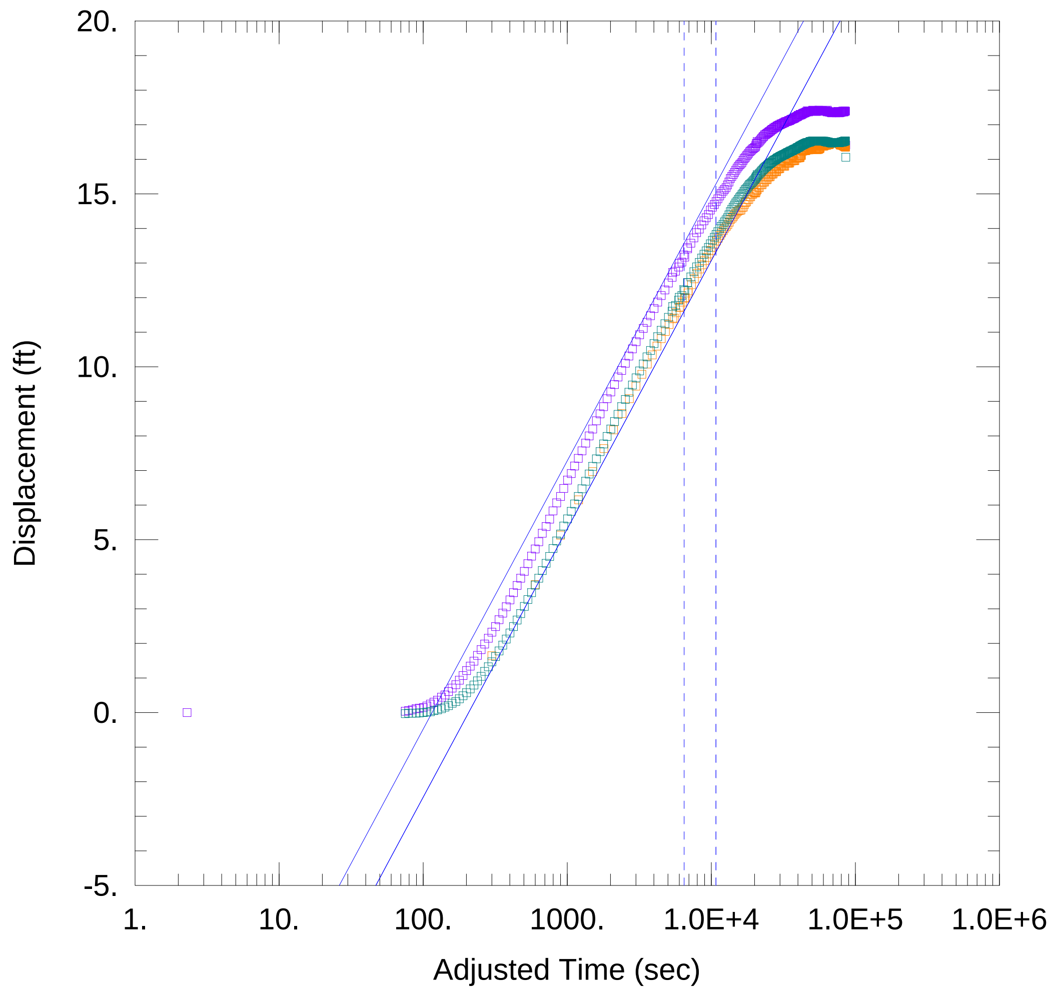
Observation Wells

Well Name	X (ft)	Y (ft)
□ POF-28	0	0
◇ POF-27L	0	97.5
+ POF-27U	0	97.5

SOLUTION

Aquifer Model: Leaky
Solution Method: Moench (Case 1)

T = 3.394E+4 ft^2/day
S = 0.0002281
1/B' = 0.0003152 ft^{-1}
ß'/r = 0.0002534 ft^{-1}
1/B" = 0. ft^{-1}
ß"/r = 0. ft^{-1}



APT2 - UF

Data Set: \...\UF_CJ.aqt
Date: 02/24/12 Time: 13:51:06

PROJECT INFORMATION

Company: SFWMD
Project: KBLFA
Location: Site B
Test Well: POF-29
Test Date: 3-Nov-11

AQUIFER DATA

Saturated Thickness: 220. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	536231	1324262

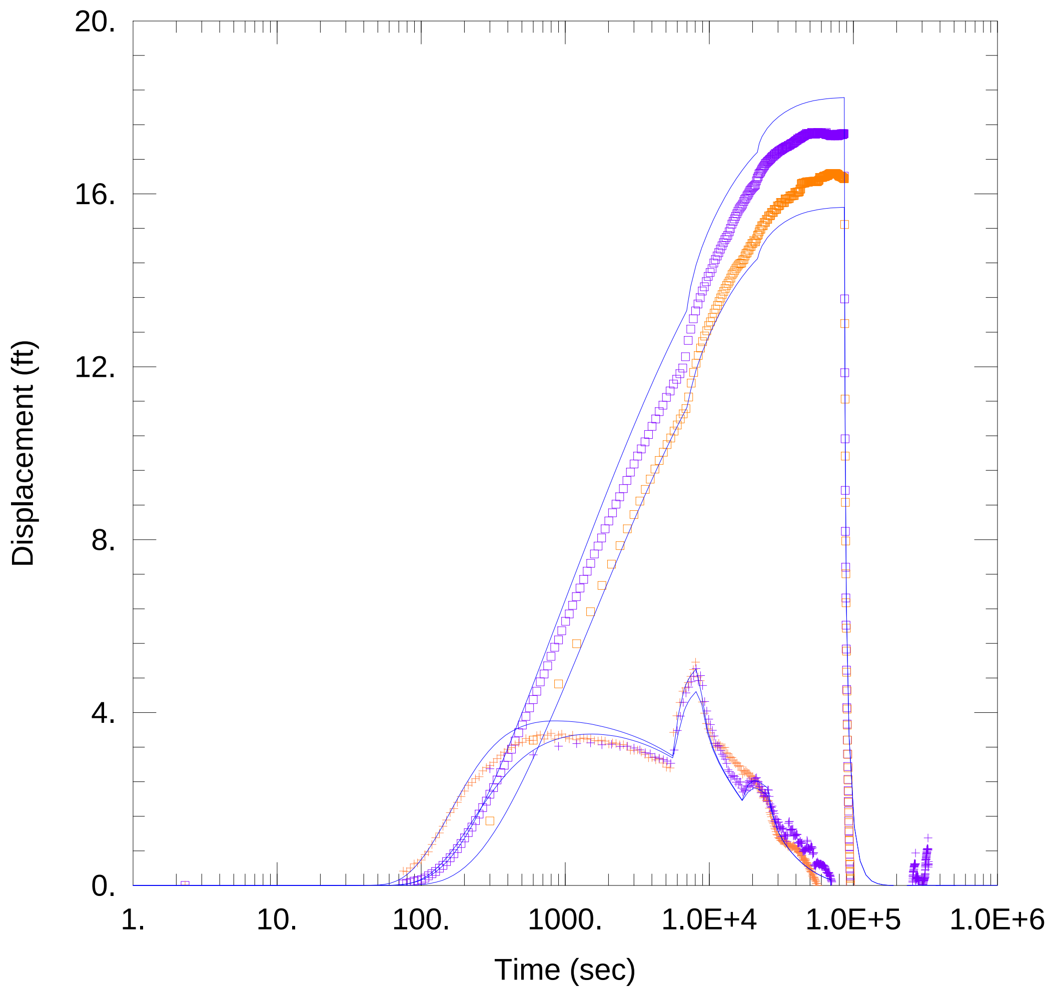
Observation Wells

Well Name	X (ft)	Y (ft)
□ POF-28U	535998	1324423
□ POF-27U	535918	1324476
△ POF-27L	535918	1324476
□ POF-27Ub	535918	1324476

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 5000. ft^2/day S = 0.0001872



APT2 - UF

Data Set: K:\...\Copy of UF_moench.aqt
Date: 06/21/12 Time: 11:33:25

PROJECT INFORMATION

Company: SFWMD
Project: KBLFA
Location: Site B
Test Well: POF-29
Test Date: 3-Nov-11

AQUIFER DATA

Saturated Thickness: 220. ft
Aquitard Thickness (b'): 440. ft
Anisotropy Ratio (Kz/Kr): 0.1
Aquitard Thickness (b"): 220. ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	536231	1324262

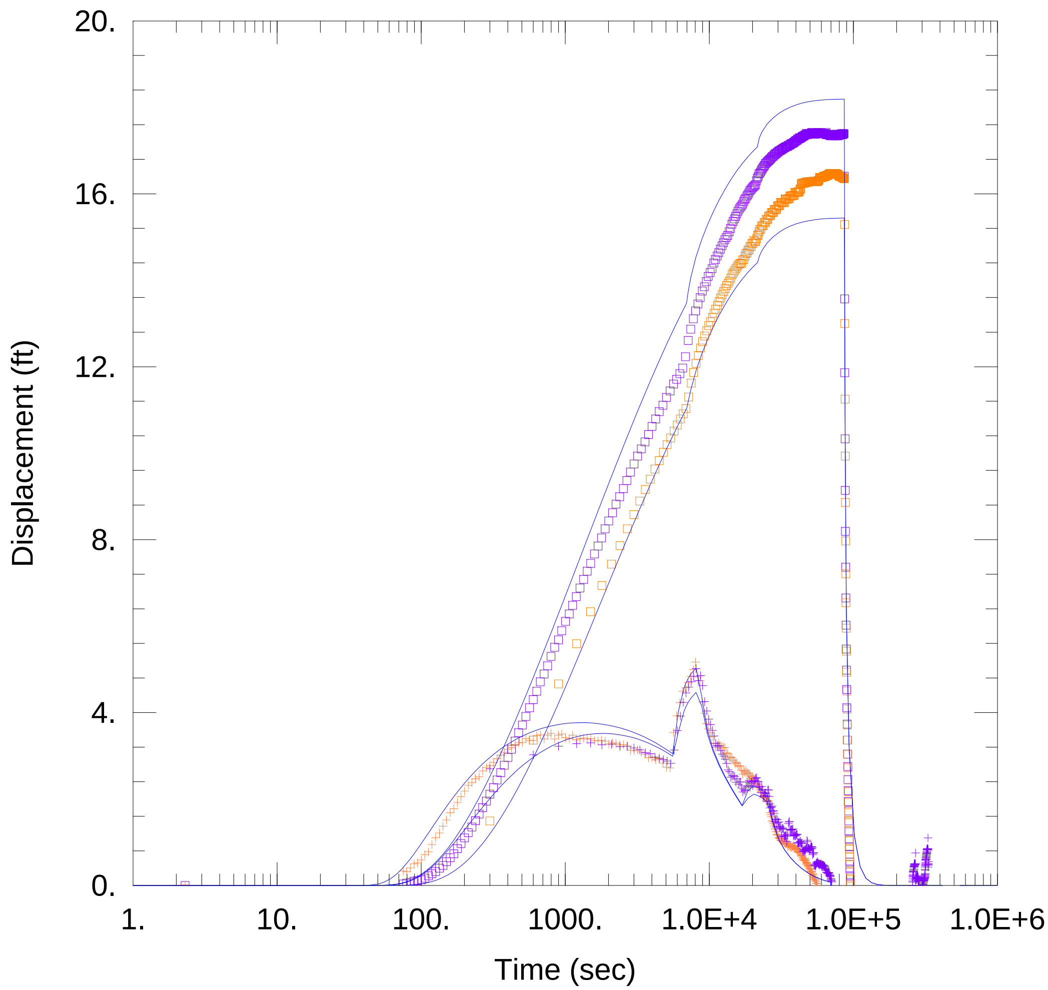
Observation Wells

Well Name	X (ft)	Y (ft)
POF-28U	535998	1324423
POF-27U	535918	1324476

SOLUTION

Aquifer Model: Leaky
Solution Method: Moench (Case 1)

T = 3800. ft^2/day
1/B' = 0. ft^{-1}
1/B'' = 0.0005257 ft^{-1}
S = 0.0002207
ß'/r = 0. ft^{-1}
ß''/r = 4.878E-5 ft^{-1}



APT2 - UF

Data Set: K:\...\Copy of UF_HJwStorage.aqt
Date: 07/18/12 Time: 15:28:22

PROJECT INFORMATION

Company: SFWMD
Project: KBLFA
Location: Site B
Test Well: POF-29
Test Date: 3-Nov-11

AQUIFER DATA

Saturated Thickness: 220. ft
Aquitard Thickness (b'): 440. ft
Anisotropy Ratio (Kz/Kr): 0.1
Aquitard Thickness (b"): 230. ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	536231	1324262

Observation Wells

Well Name	X (ft)	Y (ft)
POF-28U	535998	1324423
POF-27U	535918	1324476

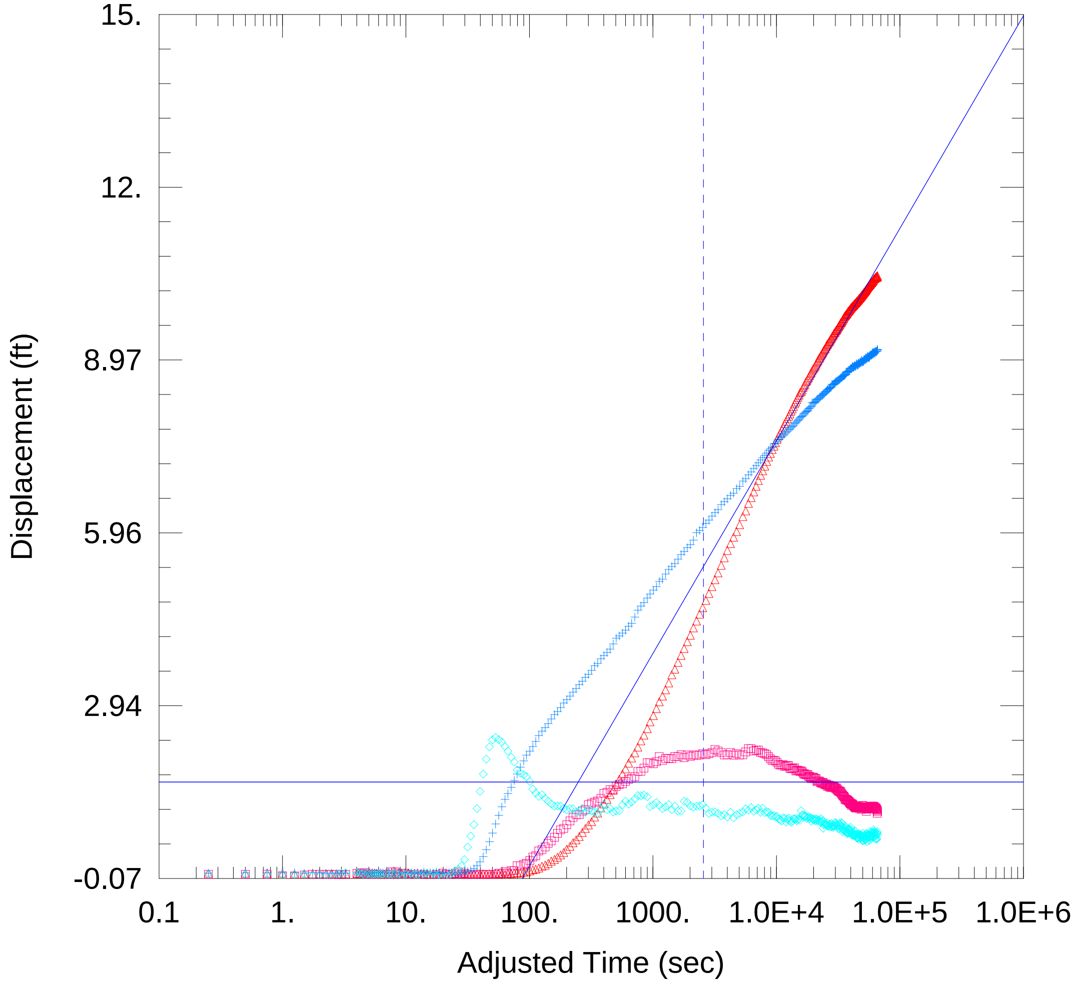
SOLUTION

Aquifer Model: Leaky

T = 3455 ft^2/day
$1/B'$ = 0. ft^{-1}
$1/B''$ = 0.00065 ft^{-1}

Solution Method: Hantush

S = 0.0002637
$ß'/r$ = 0. ft^{-1}
$ß''/r$ = 6.649E-8 ft^{-1}



WELL TEST ANALYSIS

Data Set: \...\APT_3.aqt
Date: 02/08/13 Time: 08:07:04

PROJECT INFORMATION

Location: Site B
Test Well: POF-29
Test Date: 11/28/11

AQUIFER DATA

Saturated Thickness: 805. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	0	0

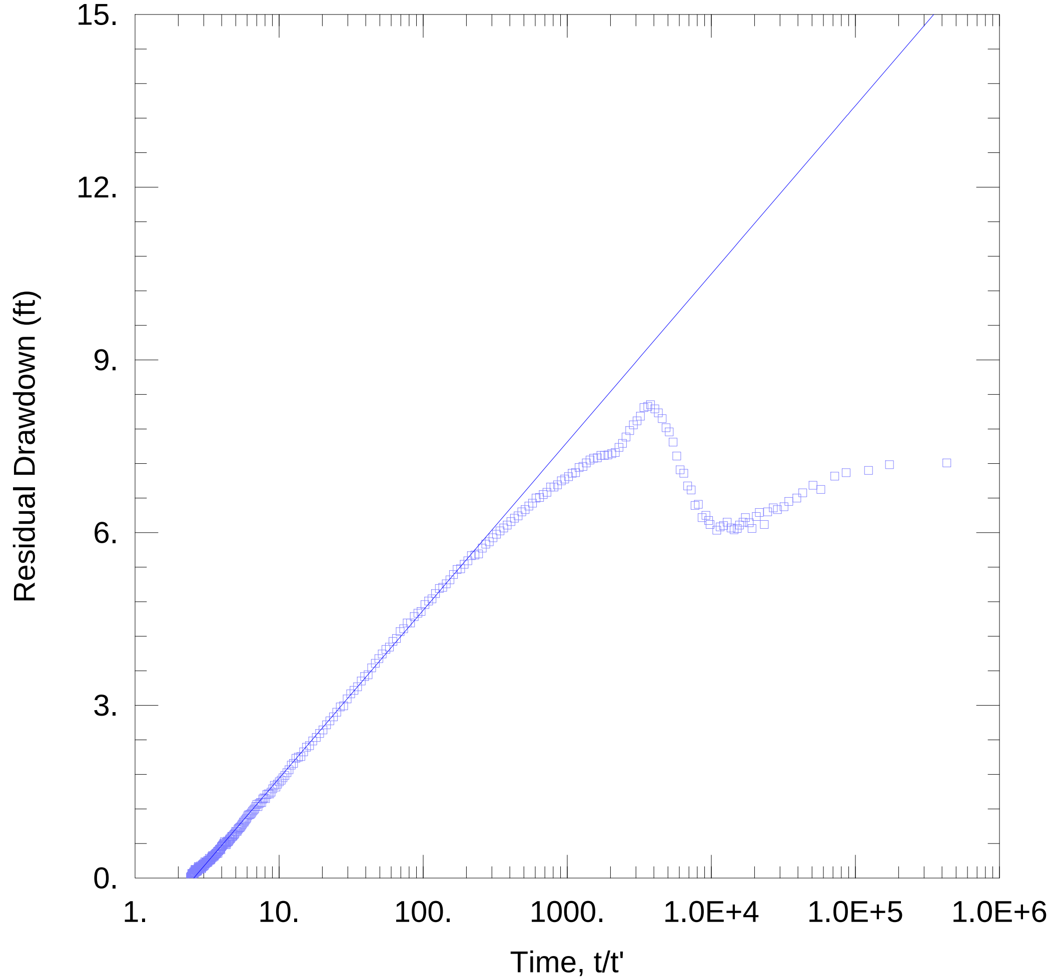
Observation Wells

Well Name	X (ft)	Y (ft)
△ POF-27U	377	0
+ POF-27L	377	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 3.659E+4 ft^2/day S = 0.0006111



WELL TEST ANALYSIS

Data Set: \...\APT 3 single well_recovery-er.aqt
Date: 02/08/13 Time: 07:55:45

PROJECT INFORMATION

Location: Site B
Test Well: POF-29
Test Date: 11/28/11

AQUIFER DATA

Saturated Thickness: 805. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	0	0

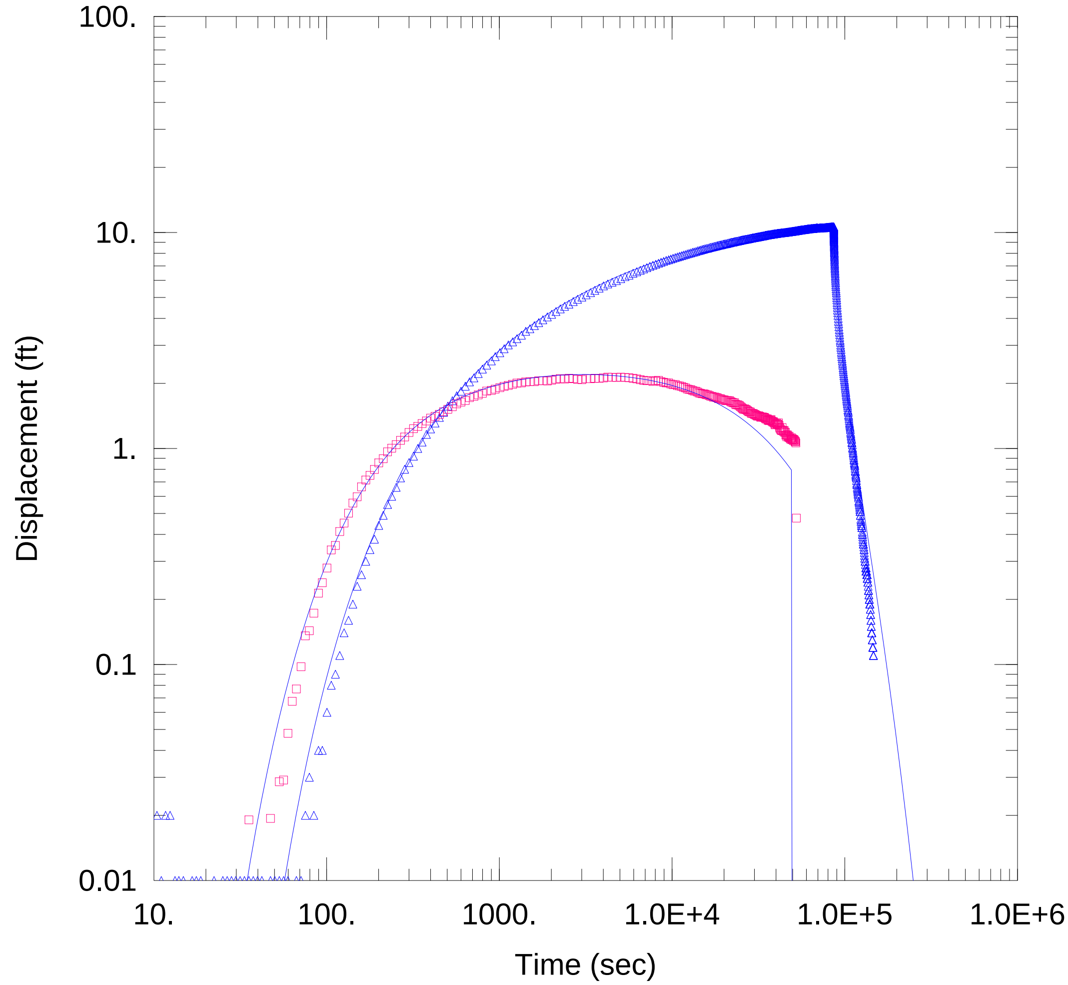
Observation Wells

Well Name	X (ft)	Y (ft)
POF-29	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Theis (Recovery)

T = 4.952E+4 ft^2/day S/S' = 2.559



WELL TEST ANALYSIS

Data Set: \...\APT_3_27U only hantush leaky_er.aqt
Date: 02/08/13 Time: 07:50:06

PROJECT INFORMATION

Location: Site B
Test Well: POF-29
Test Date: 11/28/11

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
△ POF-27U	377	0

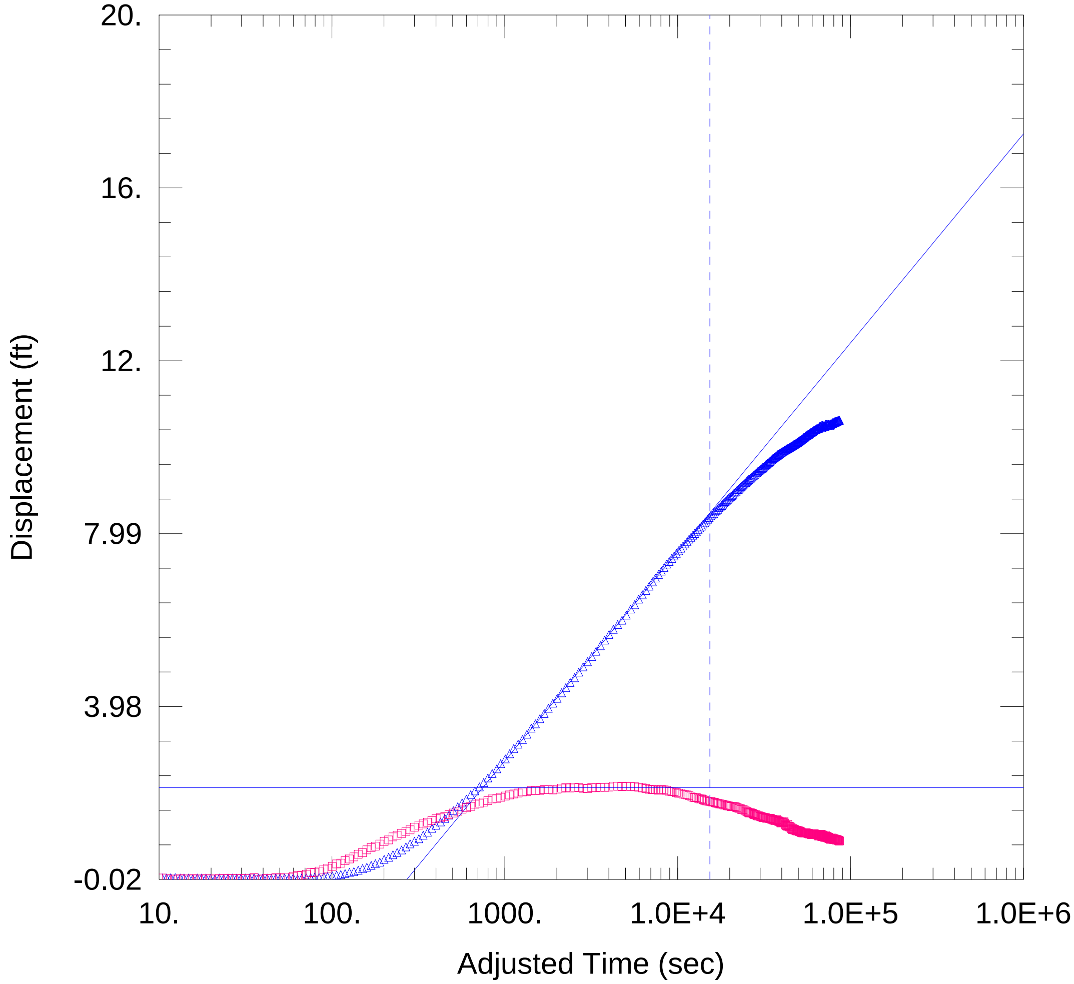
SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

T = 2.297E+4 ft^2/day
r/B = 0.1473
b = 805. ft

S = 0.001698
Kz/Kr = 0.1



WELL TEST ANALYSIS

Data Set: \...\APT_3_27U only cooper_er.aqt
Date: 02/08/13 Time: 07:54:38

PROJECT INFORMATION

Location: Site B
Test Well: POF-29
Test Date: 11/28/11

AQUIFER DATA

Saturated Thickness: 805. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	0	0

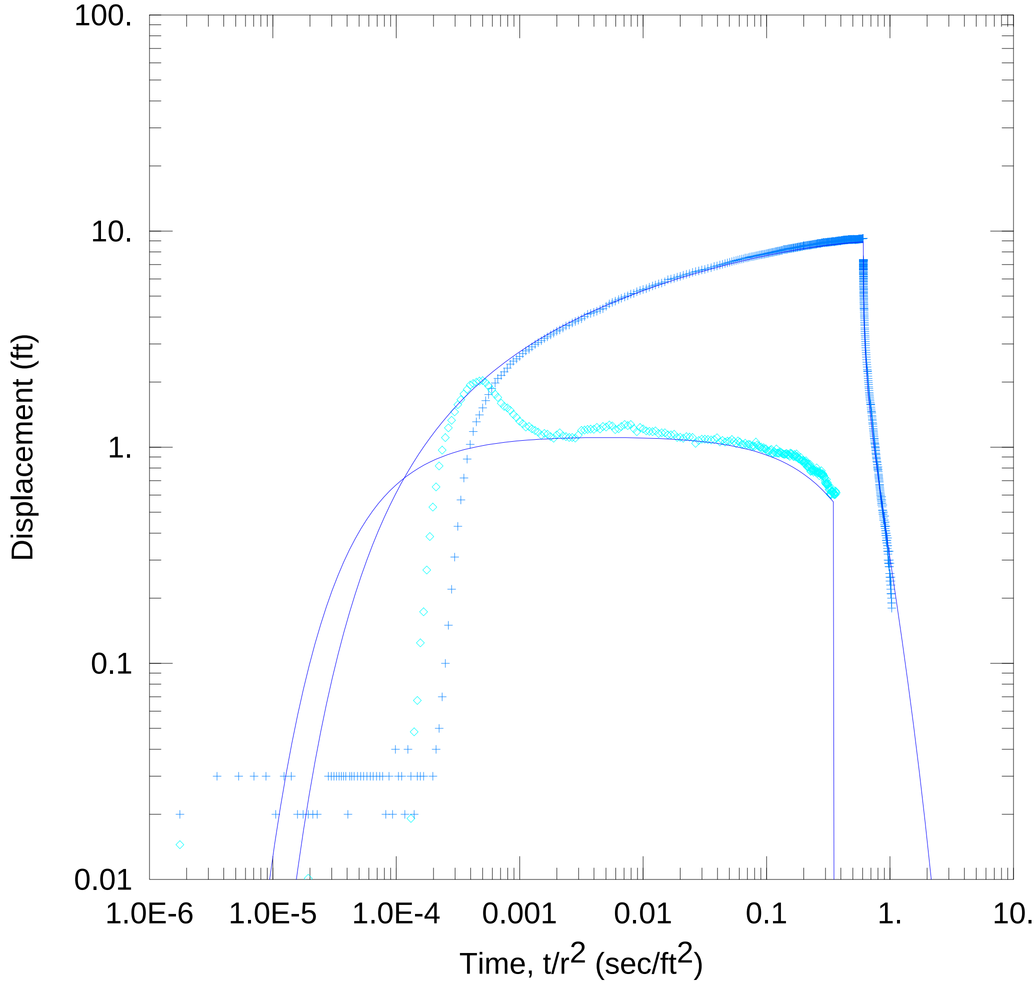
Observation Wells

Well Name	X (ft)	Y (ft)
△ POF-27U	377	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 2.803E+4 ft^2/day S = 0.001404



WELL TEST ANALYSIS

Data Set: \...\APT_3_27L only_HJ-ER.aqt
Date: 02/08/13 Time: 07:58:00

PROJECT INFORMATION

Location: Site B
Test Well: POF-29
Test Date: 11/28/11

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
+ POF-27L	377	0

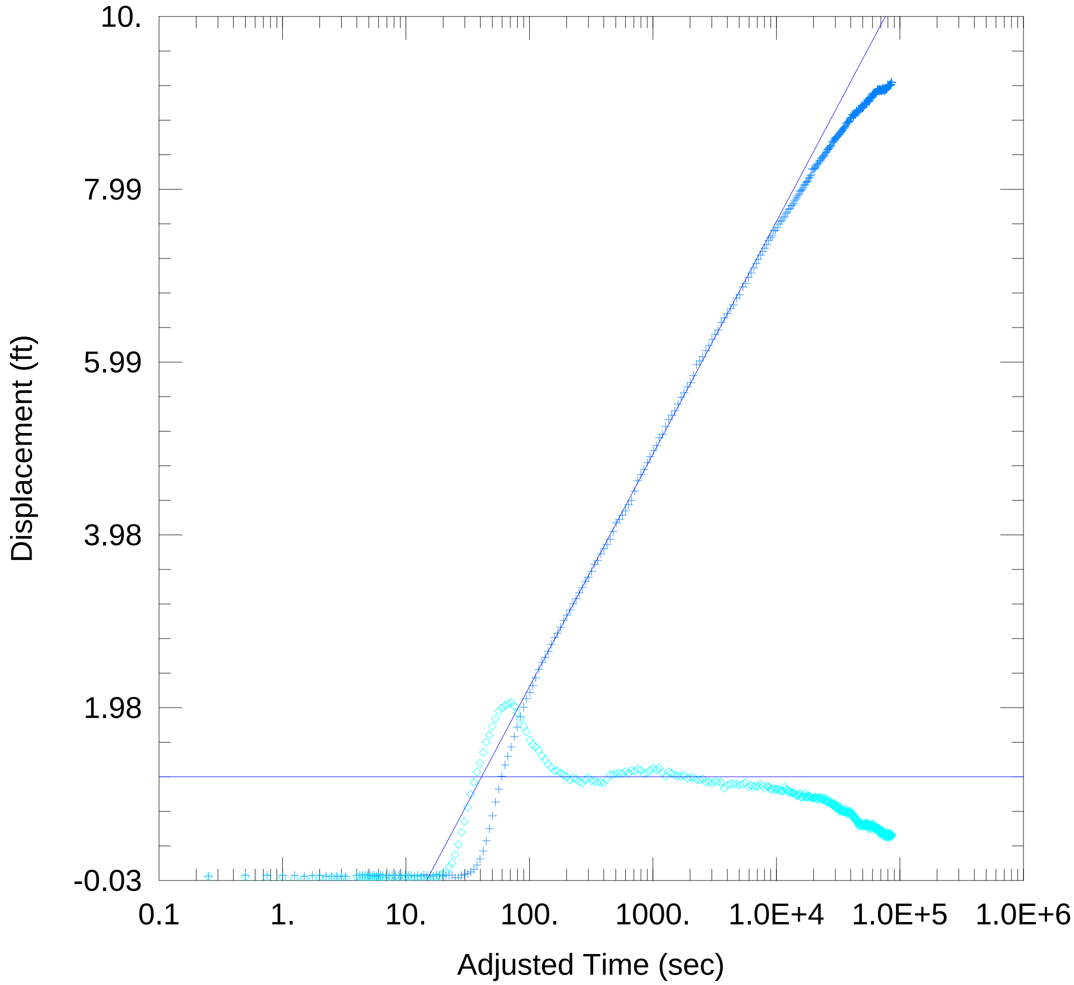
SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush-Jacob

T = 5.207E+4 ft^2/day
r/B = 0.02028
b = 805. ft

S = 0.0001237
Kz/Kr = 1.



WELL TEST ANALYSIS

Data Set: \...\APT_3_27L only_cooper-ER.aqt
Date: 02/08/13 Time: 08:03:31

PROJECT INFORMATION

Location: Site B
Test Well: POF-29
Test Date: 11/28/11

AQUIFER DATA

Saturated Thickness: 805. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	0	0

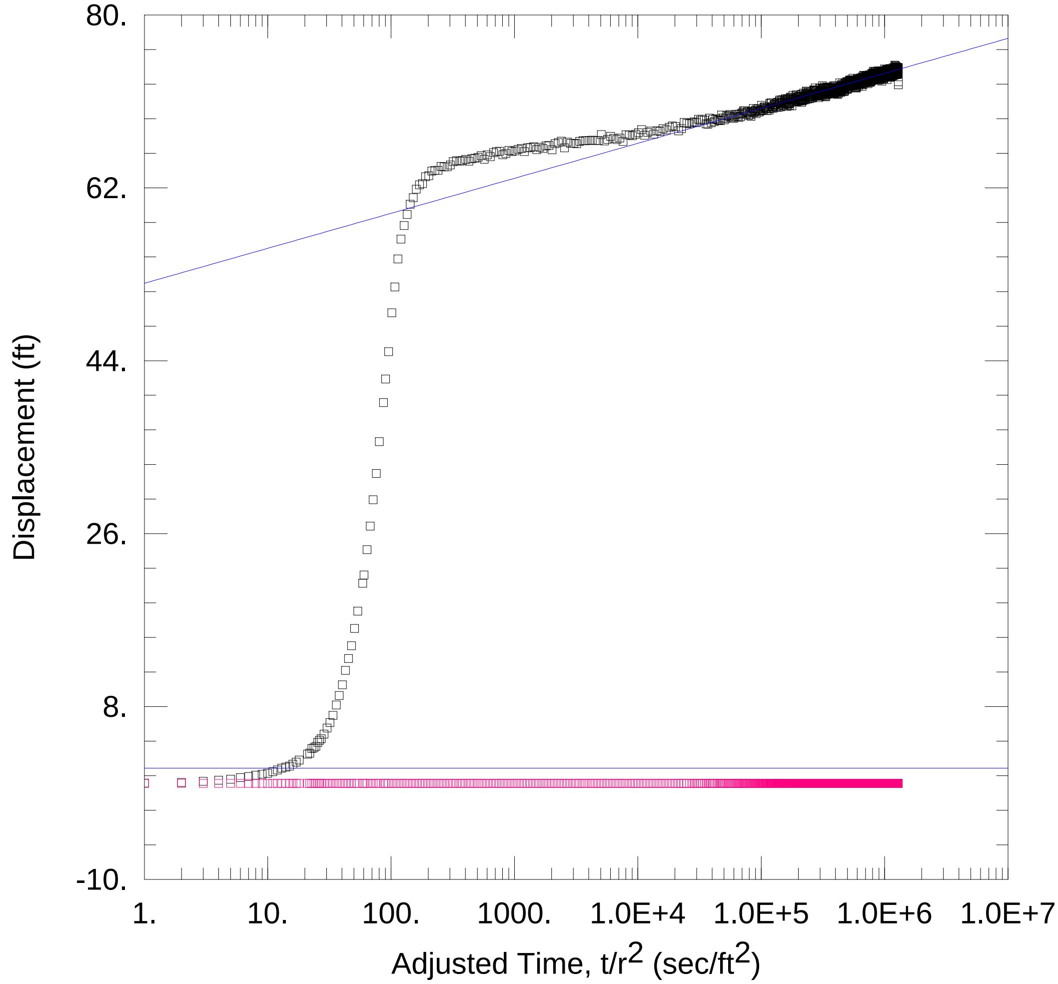
Observation Wells

Well Name	X (ft)	Y (ft)
+ POF-27L	377	0

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 5.025E+4 ft^2/day S = 0.0001384



APT4 - LF1

Data Set: K:\...\LF1_cj_155.aqt
Date: 07/18/12 Time: 15:55:22

PROJECT INFORMATION

Company: SFWMD
Project: KBLFA
Location: Site B
Test Well: POF-29
Test Date: 3-Nov-11

AQUIFER DATA

Saturated Thickness: 155. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	536231	1324262

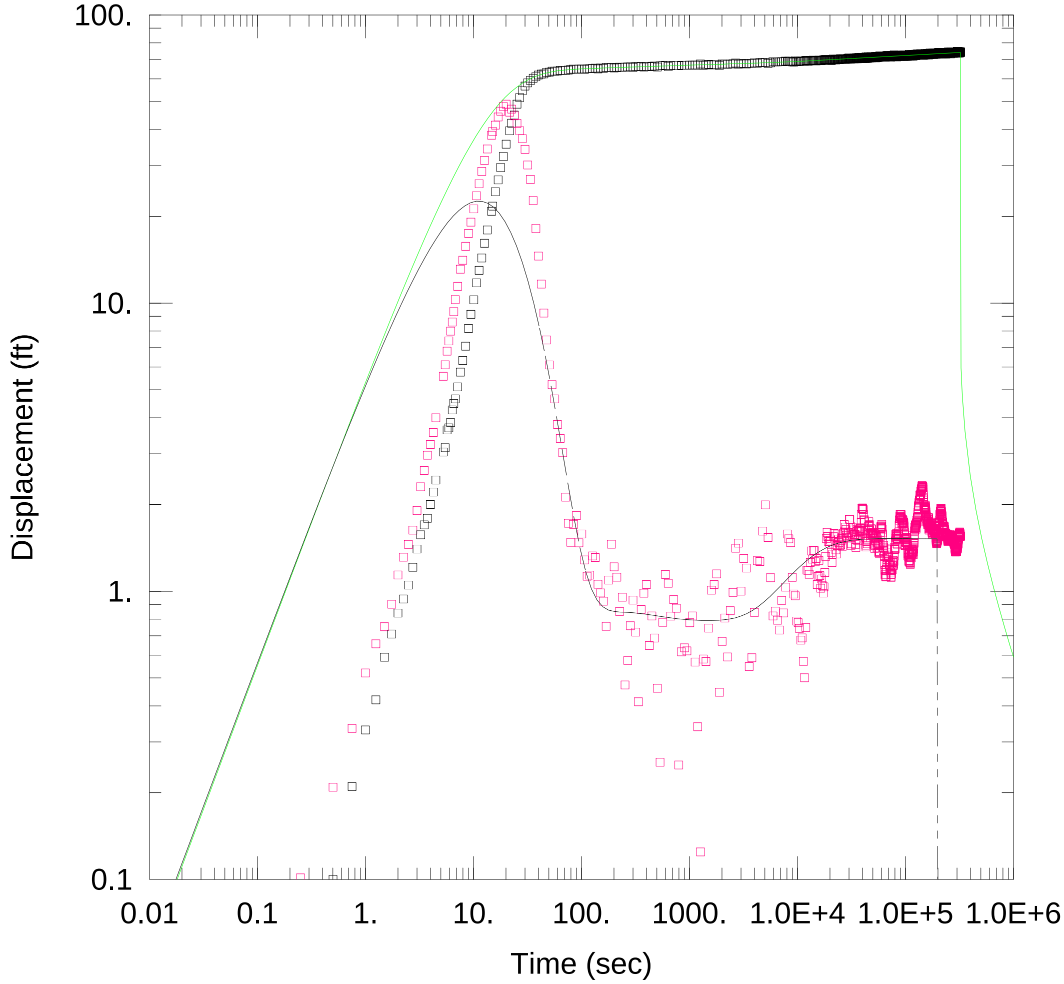
Observation Wells

Well Name	X (ft)	Y (ft)
□ POF-29	536231	1324262

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Jacob

T = 3.781E+4 ft^2/day S = 5.046E-15



APT4 - LF1

Data Set: K:\...\LF1_29_moench_II.aqt
Date: 07/18/12 Time: 15:58:51

PROJECT INFORMATION

Company: SFWMD
Project: KBLFA
Location: Site B
Test Well: POF-29
Test Date: 3-Nov-11

AQUIFER DATA

Saturated Thickness: 330. ft
Aquitard Thickness (b'): 250. ft
Anisotropy Ratio (Kz/Kr): 1.
Aquitard Thickness (b"): 320. ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	536231	1324262

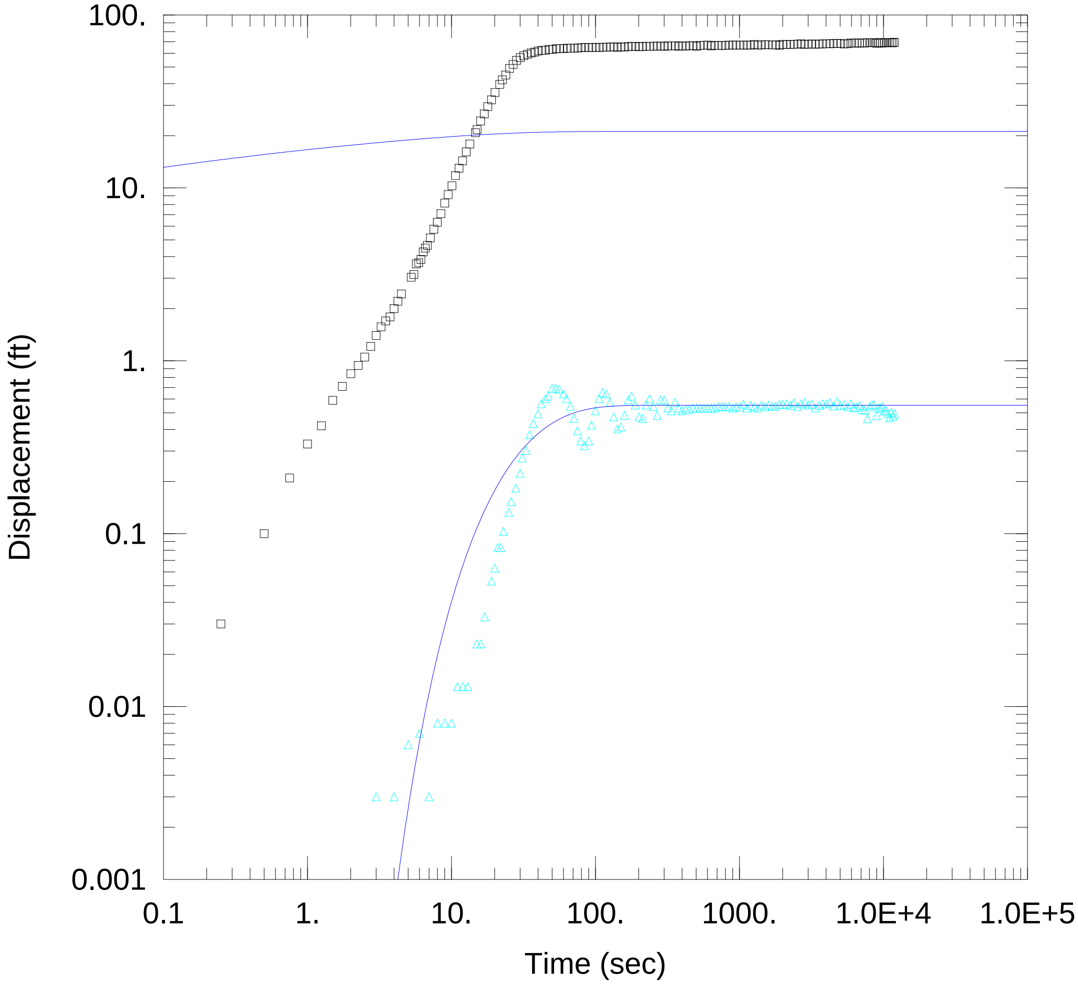
Observation Wells

Well Name	X (ft)	Y (ft)
□ POF-29	536231	1324262

SOLUTION

Aquifer Model: Leaky
Solution Method: Moench (Case 2)

T = 3.935E+4 ft^2/day
S = 0.0004048
1/B' = 0.003056 ft^{-1}
ß'/r = 0.009989 ft^{-1}
1/B" = 0.001 ft^{-1}
ß"/r = 0.000539 ft^{-1}



APT4 - LF1

Data Set: K:\...\LF1_28-_HJ_1.aqt
Date: 07/18/12 Time: 16:00:17

PROJECT INFORMATION

Company: SFWMD
Project: KBLFA
Location: Site B
Test Well: POF-29
Test Date: 3-Nov-11

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	536229	1324262

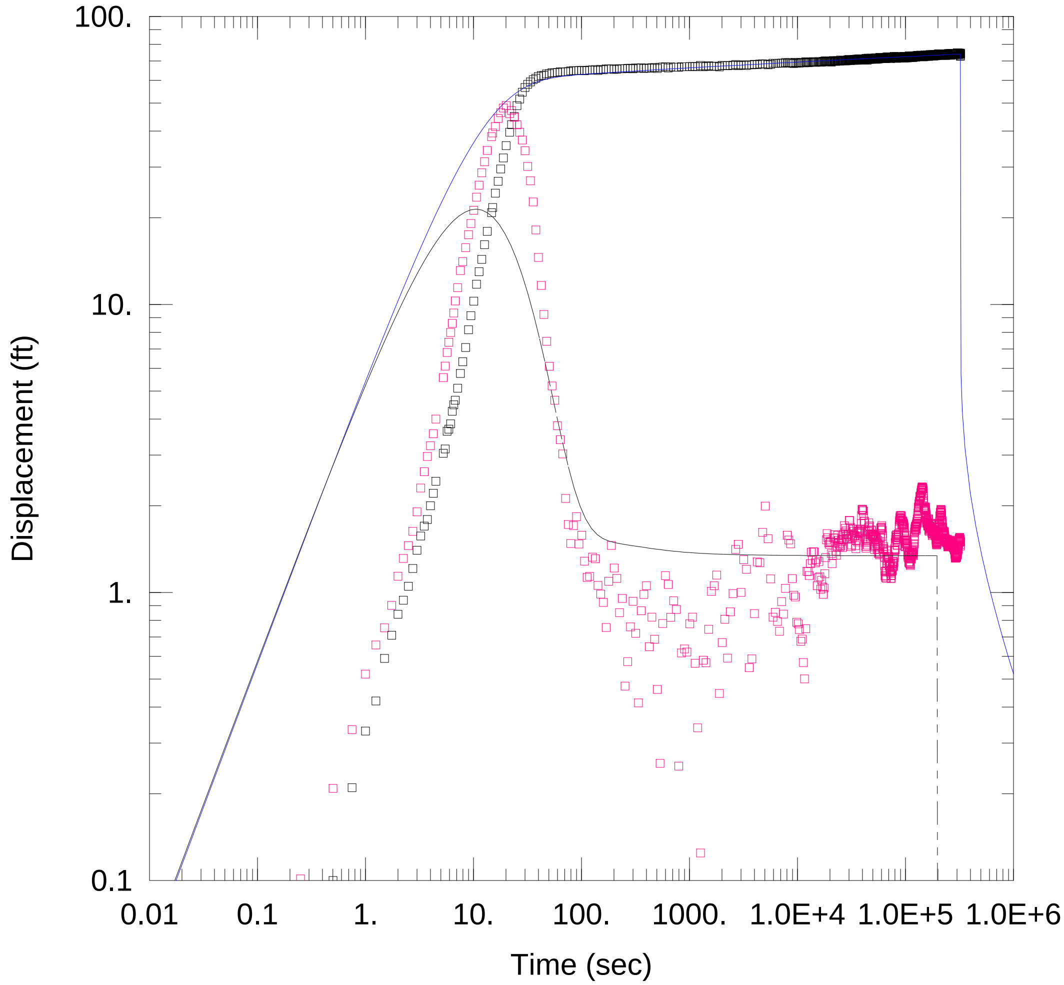
Observation Wells

Well Name	X (ft)	Y (ft)
□ POF-29	536229	1324262
△ POF-28U	536000	1324422

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush-Jacob

T = 4.0E+4 ft^2/day
S = 0.0005431
1/B = 0.005844 ft^{-1}
Kz/Kr = 0.001035
b = 155. ft



APT4 - LF1

Data Set: K:\...\LF1_28-29_D-babu.aqt
Date: 07/18/12 Time: 15:57:45

PROJECT INFORMATION

Company: SFWMD
Project: KBLFA
Location: Site B
Test Well: POF-29
Test Date: 3-Nov-11

AQUIFER DATA

Saturated Thickness: 330. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
POF-29	536231	1324262

Observation Wells

Well Name	X (ft)	Y (ft)
□ POF-29	536231	1324262

SOLUTION

Aquifer Model: Confined Solution Method: Dougherty-Babu

T = 4.571E+4 ft^2/day S = 0.0003721
Kz/Kr = 1. Sw = 16.
r(w) = 0.29 ft r(c) = 0.75 ft

Appendix E

AS-BUILT DEPTHS
WELL POF 28

DESCRIPTION	DEPTH
24" CASING	270'
18" CASING	750'
12" CASING	715' TO 1297'
LF1 12" ANNULAR ZONE	1297' TO 1683'
LF2 12" OPEN HOLE	1950' TO 2221'

AS-BUILT DEPTHS
WELL POF 27

DESCRIPTION	DEPTH
14" CASING	275'
14" OPEN HOLE	529'
6" CASING	750'
8" OPEN HOLE	1105'

AS-BUILT DEPTHS WELL POF 29

DESCRIPTION	DEPTH
24" CASING	300'
12" OPEN HOLE	1350' TO 1685'

AS-BUILT KEY NOTES: (WELL POF 27)

1. 4" SCH 40 X 1'-0" SST PIPE NIPPLE (THREADED ENDS)
2. TERMINATE 6" PIPE ½" BELOW BLIND FLANGE
3. 14" SST AWWA CLASS B BLIND FLANGE
4. ~~18" X 14" SST REDUCER (STANDARD WALL)~~NOT INSTALLED
5. 14" SST PIPE (STANDARD WALL)
6. 6" SCH 40 C.S. PIPE
7. ~~14" SST AWWA CLASS B FLANGE~~
8. 4" SCH 40 X 0'-8" SST PIPE NIPPLE (THREADED ENDS)
9. 4" STANDARD THREADED MALE PIPE PLUG
10. 4" STANDARD THREADED MALE PIPE PLUG
11. 14" SST AWWA CLASS B FLANGE
12. ~~14" C.S. AWWA CLASS B FLANGE~~-NOT INSTALLED

AS-BUILT KEY NOTES: (WELL POF 28)

1. ~~5" THREADED FRP CLOSEOUT PLUG~~
2. ~~2" C.S. ACCESS PORT WITH THREADED STEEL PLUG~~
3. ~~⅜" STEEL PLATE~~
4. 5" FRP PIPE
5. ~~18" C.S. CASING~~
6. ~~24" C.S. CASING~~
7. 4" SCH 40 X 0'-8" SST PIPE WITH THREADS
8. 4" SCH 40 SST THREADED MALE PLUG
9. 4" SCH 40 X 1'-0" SST PIPE WITH THREADED ENDS
10. 18" SST AWWA CLASS B BLIND FLANGE
11. 18" SST AWWA CLASS B FLANGE
12. 18" SST PIPE (STANDARD WALL)
13. ~~16" SST AWWA CLASS B FLANGE~~
14. 18" C.S. CASING
15. 24" C.S. CASING

AS-BUILT KEY NOTES: (WELL POF 29)

1. 18" SST AWWA CLASS B BLIND FLANGE
2. ~~18" SST AWWA CLASS B FLANGE~~
3. 18" SST PIPE (STANDARD WALL)
4. 18" C.S. CASING
5. 24" C.S. CASING

SURVEYOR's NOTES:

1.) North ond coordinates shown hereon are based on the East Zone of the Florida State Plane Coordinate System, North American Datum (NAD83). Based on site control point DEP x505 2001 and Point 204 per Pickett & Associates, Inc. as shown on construction plans. The coordinates shown hereon were derived using RTK based an the above referenced site control.

2.) This survey is for as-built information only and is not a certification of correctness.

3.) Vertical information depicted on this survey is based on site control point DEP x505 2001. Based on site control point DEP x505 2001 per Pickett & Associates, Inc. as shown on construction plans. National Geodetic Vertical Datum of 1929(NGVD29). The asbuilt elevations shown hereon were derived from a 3rd order level run.

Al Webb's Enterprises, Inc.
Juniper, Florida

AS-BUILT SURVEY - WELLS 27, 28 AND 29
SECTION 12, TOWNSHIP 29 SOUTH, RANGE 29 EAST
POLK COUNTY, FLORIDA

W.A. READ, JR. & ASSOCIATES
FLORIDA CERTIFICATE NUMBER 092
510 SOUTH CENTRAL AVENUE
BARTOW, FLORIDA

Drawn By: mc/dlp Drawing No: 786401
SCALE: 1"=500" Date: 10/27/11 revised 3-1-2012

Florida Registered Land Surveyor No.1311

Appendix F