PIONEER
Pioneer Energy Services

DUAL INDUCTION GAMMA RAY

Company	VERDAD OIL & GAS CORP.
Well	MEEHL 01N-65W-24-2N
Field	WATTENBERG
County	WELD
State	CO

Company VERDAD OIL & GAS CORP.
Well MEEHL 01N-65W-24-2N
Field WATTENBERG
County WELD State CO
Location: API # : 05-123-40874
SHL: 270' FSL 1548' FEL SWSE
SEC 24 TWP 1N RGE 65W
Other Services
NONE

Permanent Datum	GL	Elevation	5022'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5038'
D.F. 5037'
G.L. 5022'

Date	MAY 28, 2015		
Run Number	1		
Depth Driller	7505'		
Depth Logger	6800'		
Bottom Logged Interval	6800'		
Top Log Interval	SURFACE CASING		
Casing Driller	1330'		
Casing Logger	1341'		
Bit Size	8.75"		
Type Fluid in Hole	WBM		
Density / Viscosity	10.0 / 40		
pH / Fluid Loss	5.7 / 9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	2.79 @ 70 F		
Rmf @ Meas. Temp	2.09 @ 70 F		
Rmc @ Meas. Temp	3.49 @ 70 F		
Source of Rmf / Rmc	CALC / CALC		
Rm @ BHT	1.03 @ 190 F		
Time Circulation Stopped	0830		
Time Logger on Bottom	1400		
Maximum Recorded Temperature	190 F		
Equipment Number	52		
Location	FT. MORGAN		
Recorded By	CLINT CHRISTENSEN		
Witnessed By	CLAYTON CARMACK		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

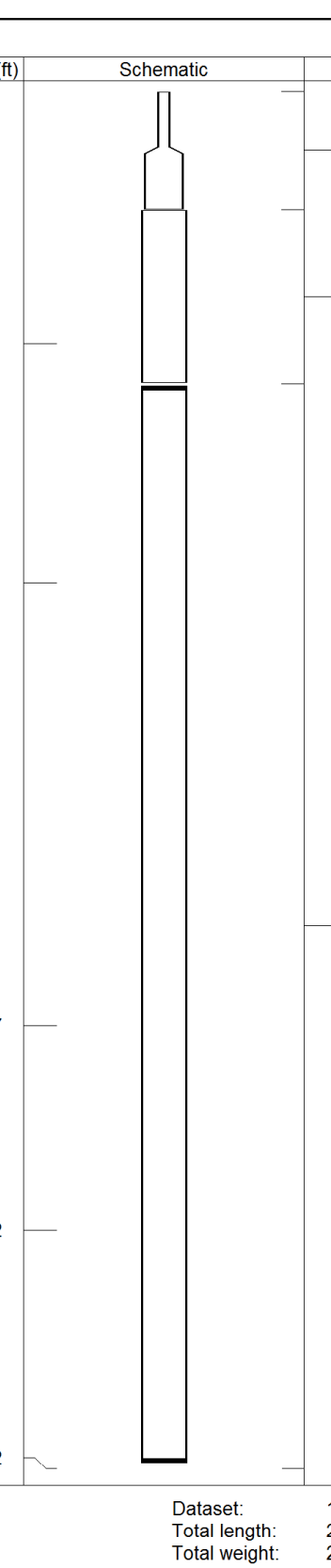
Comments

XTREME RIG #6

NO REPEAT DUE TO HOLE CONDITIONS

THANK YOU FOR USING PIONEER ENERGY SERVICES

SO# 2-013781



Sensor	Offset (ft)	Description	Length (ft)	O.D. (in)	Weight (lb
		CHD (~0)	2.00	3.50	30.00
		GR-PSI (939)	2.92	3.50	40.00
GR	0.00				
RLL3	4.02				
		DIL-PSI (1011)	18.25	3.75	175.00
CILD	11.47				
CILM	14.92				
SP	18.92				

Dataset: 13781.db: field/well/run1/FINAL
Total length: 23.17 ft
Total weight: 245.00 lb
O.D.: 3.75 in

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MAIN PASS

Database File	13781.db
Dataset Pathname	FINAL
Presentation Format	dilin5
Dataset Creation	Thu May 28 15:18:40 2015
Charted by	Depth in Feet scaled 1:600

0	SP (mV)	200	0	Deep Resistivity (Ohm-m)	50	1000	CILD (mmho/m)	0
0	Gamma Ray (GAPI)	200	0	Shallow Resistivity (Ohm-m)	50			
			50	RILD (Ohm-m)	500			
			50	RLL3 (Ohm-m)	500			

0	SP (mV)	200	0	Deep Resistivity (Ohm-m)	50	1000	CILD (mmho/m)	0
0	Gamma Ray (GAPI)	200	0	Shallow Resistivity (Ohm-m)	50			
			50	RILD (Ohm-m)	500			
			50	RLL3 (Ohm-m)	500			

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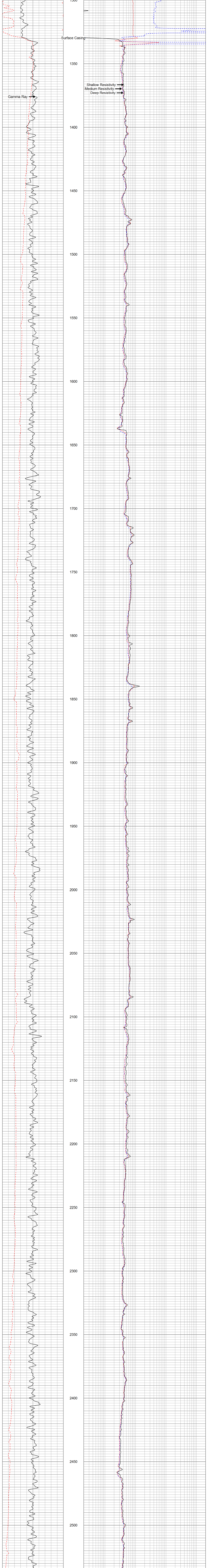
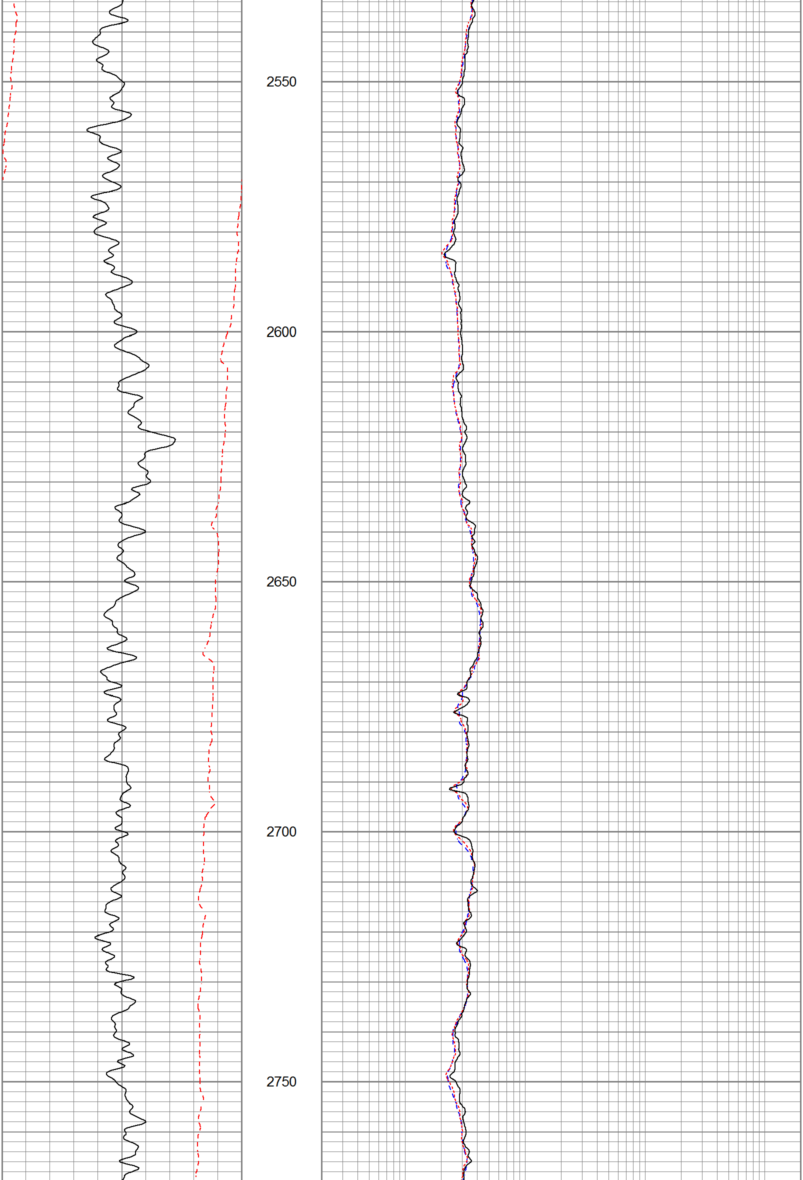
Pioneer Energy Services

MAIN PASS

Database File	13781.db
Dataset Pathname	FINAL
Presentation Format	ccdilgr
Dataset Creation	Thu May 28 15:18:40 2015
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0.2	Deep Resistivity (Ohm-m)	2000
0	SP (mV)	200	0.2	Medium Resistivity (Ohm-m)	2000
			0.2	Shallow Resistivity (Ohm-m)	2000

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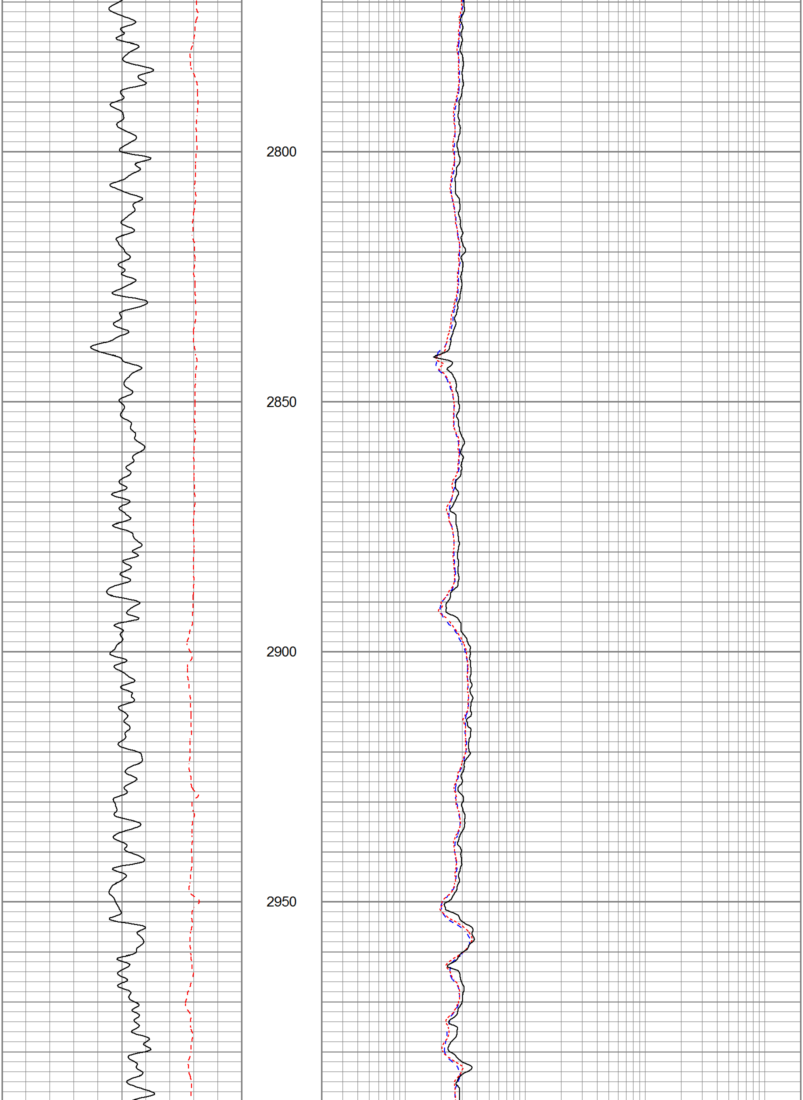

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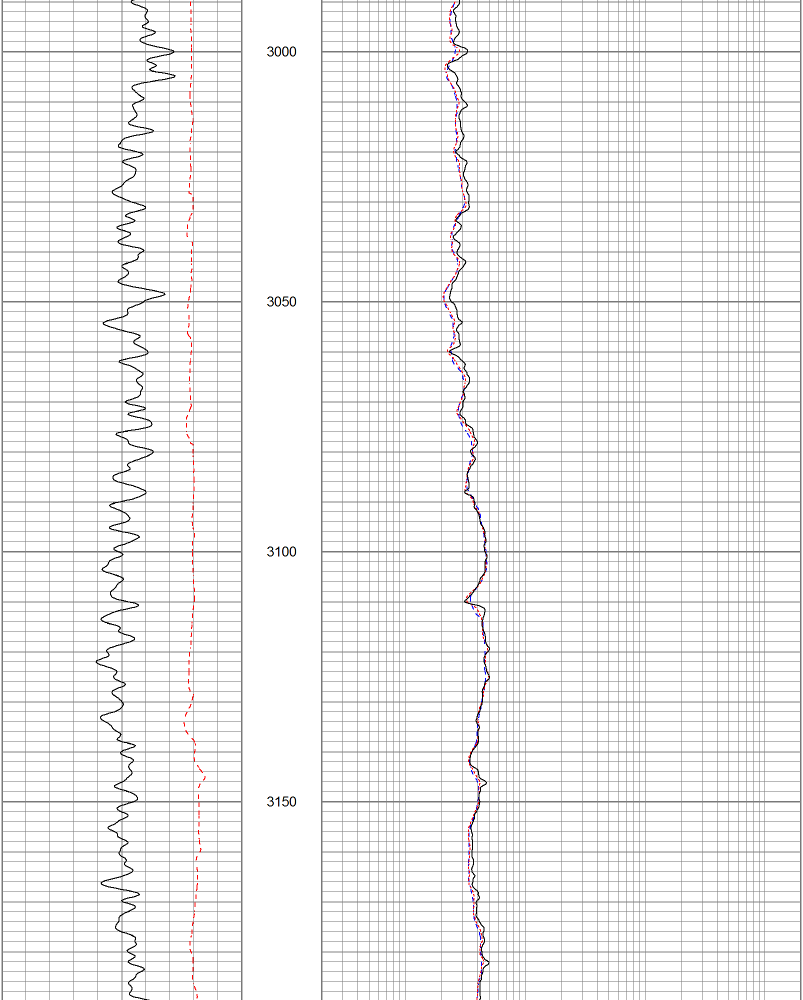
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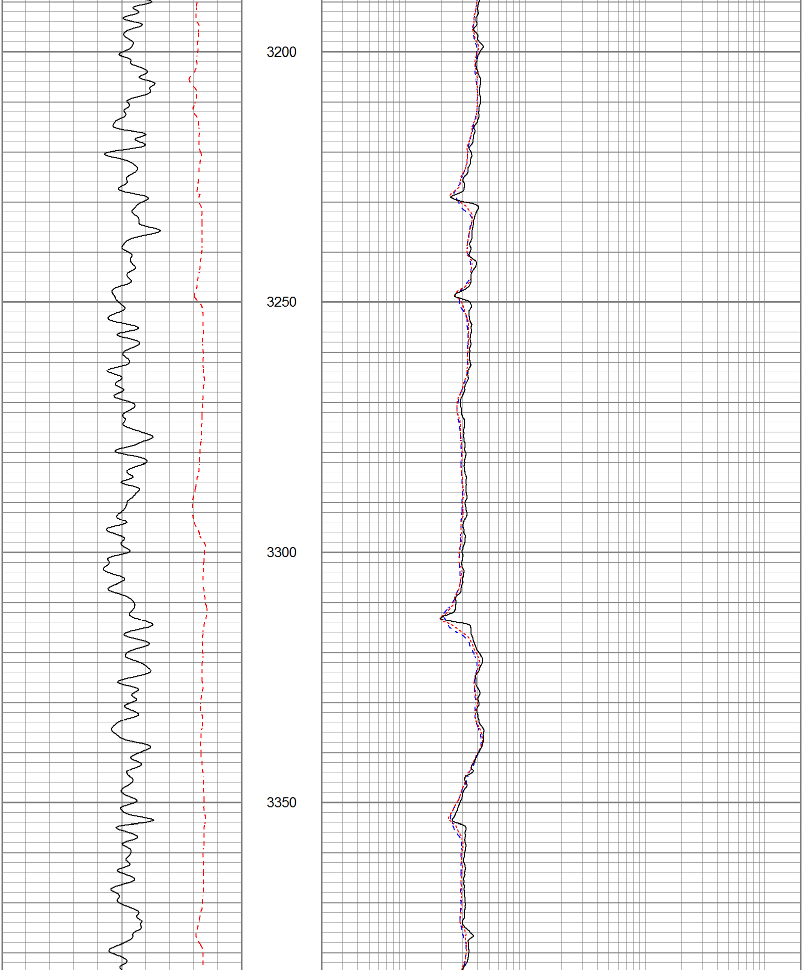
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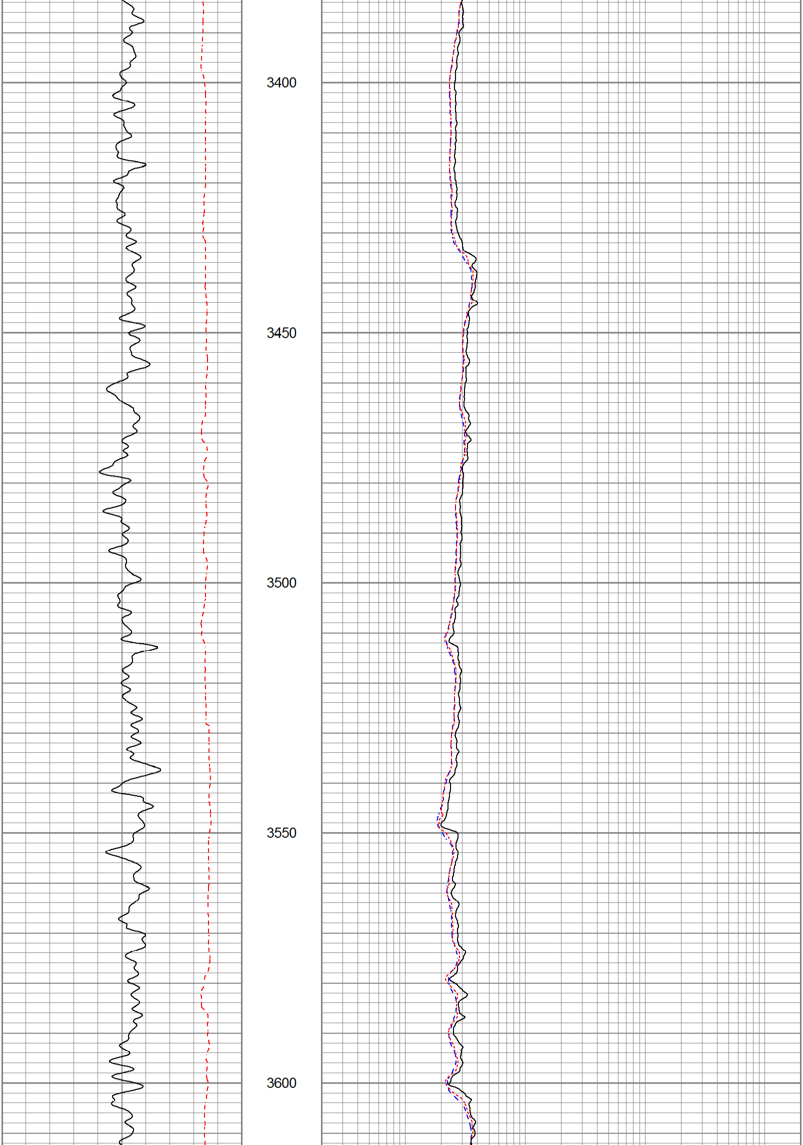
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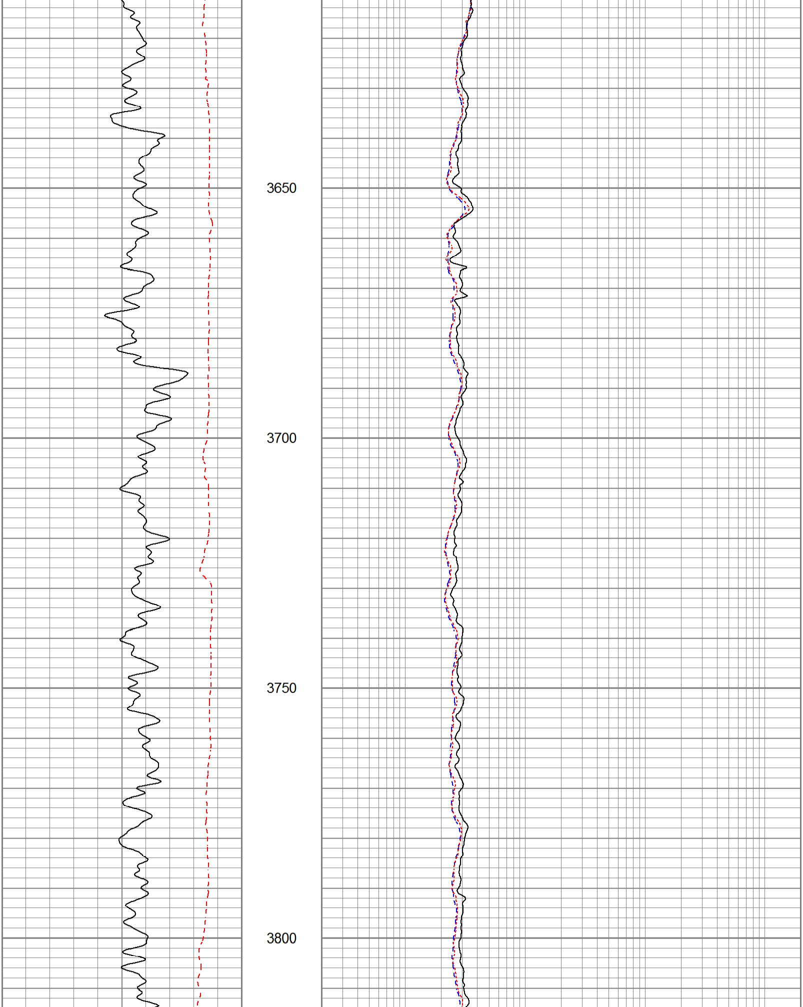
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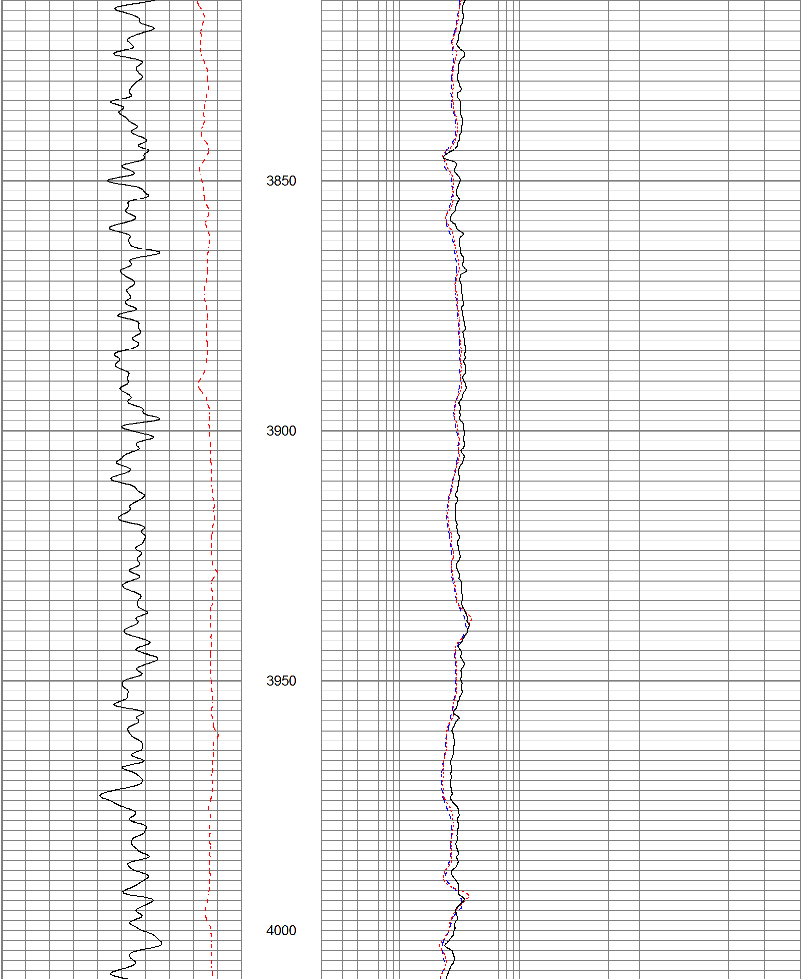
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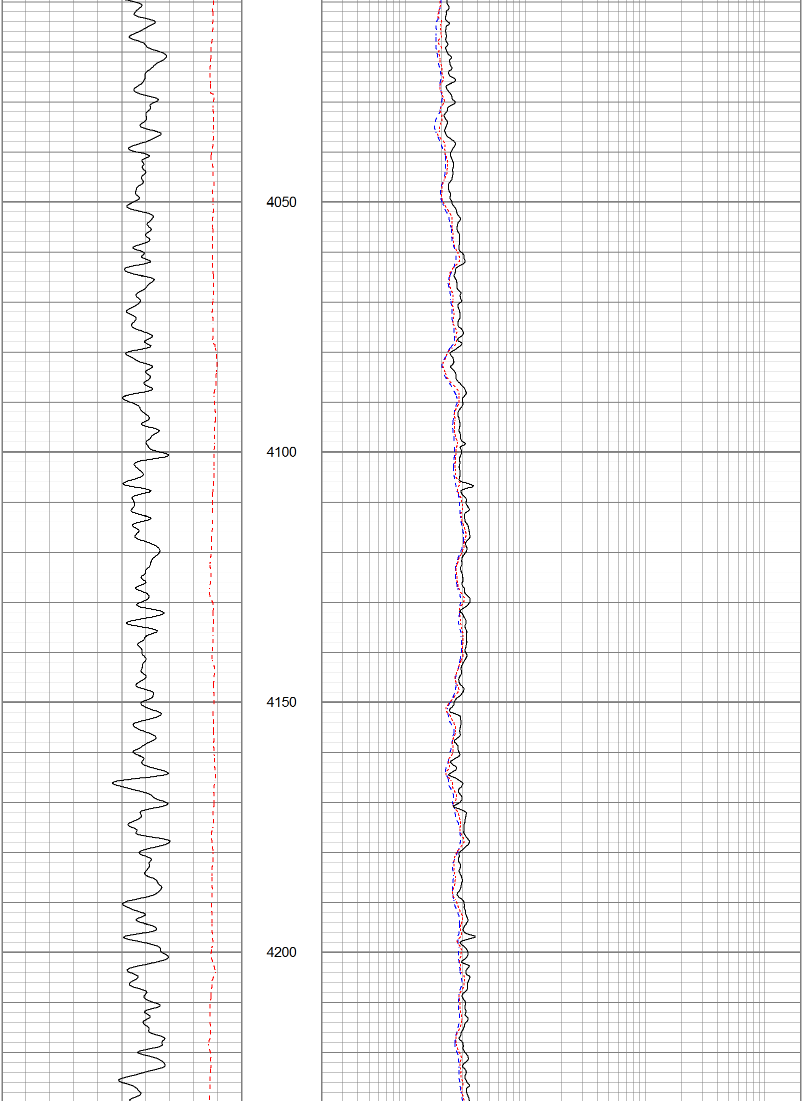
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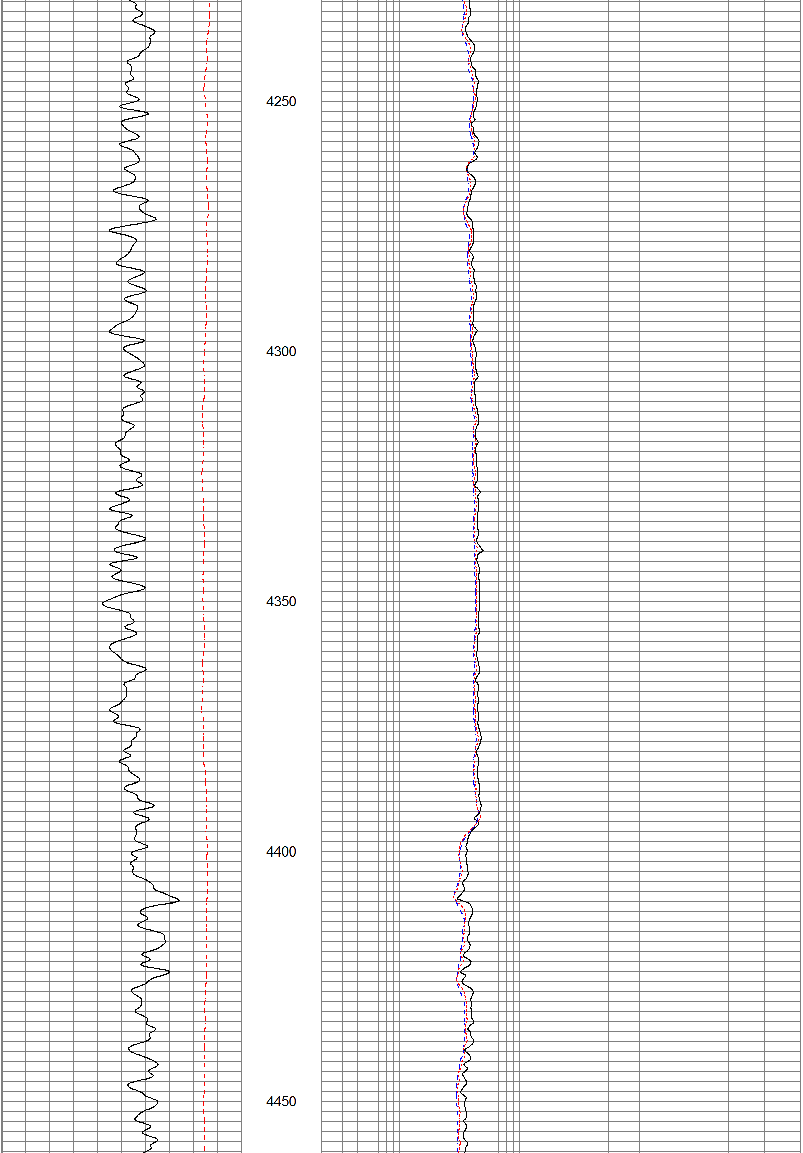
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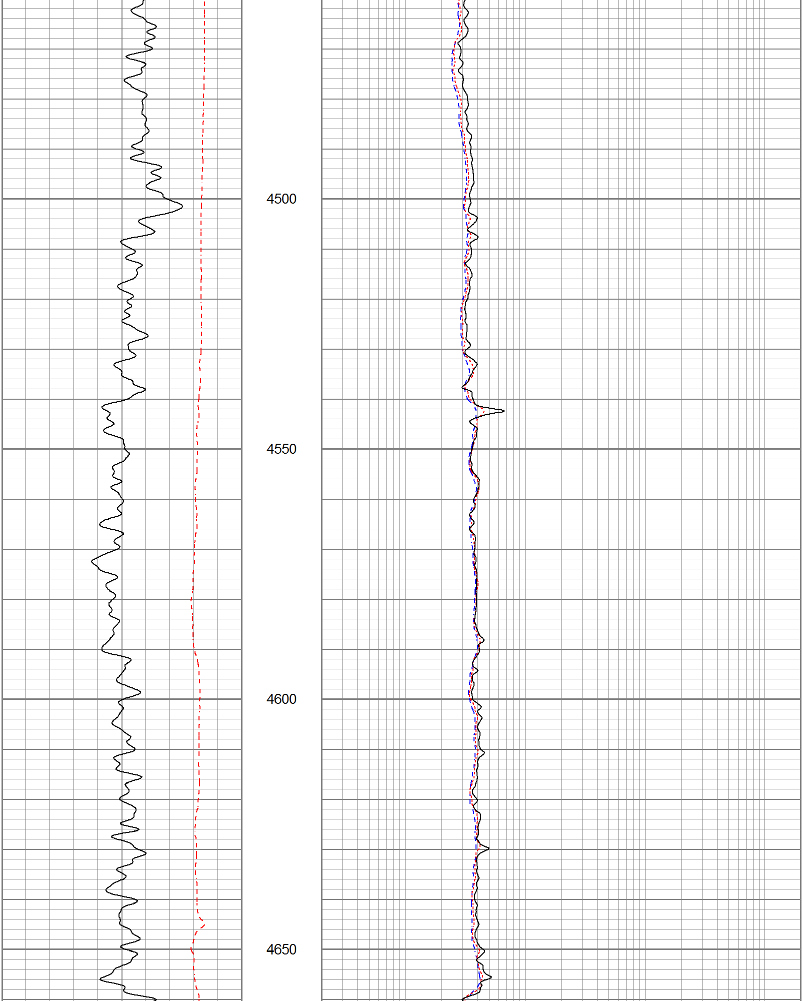
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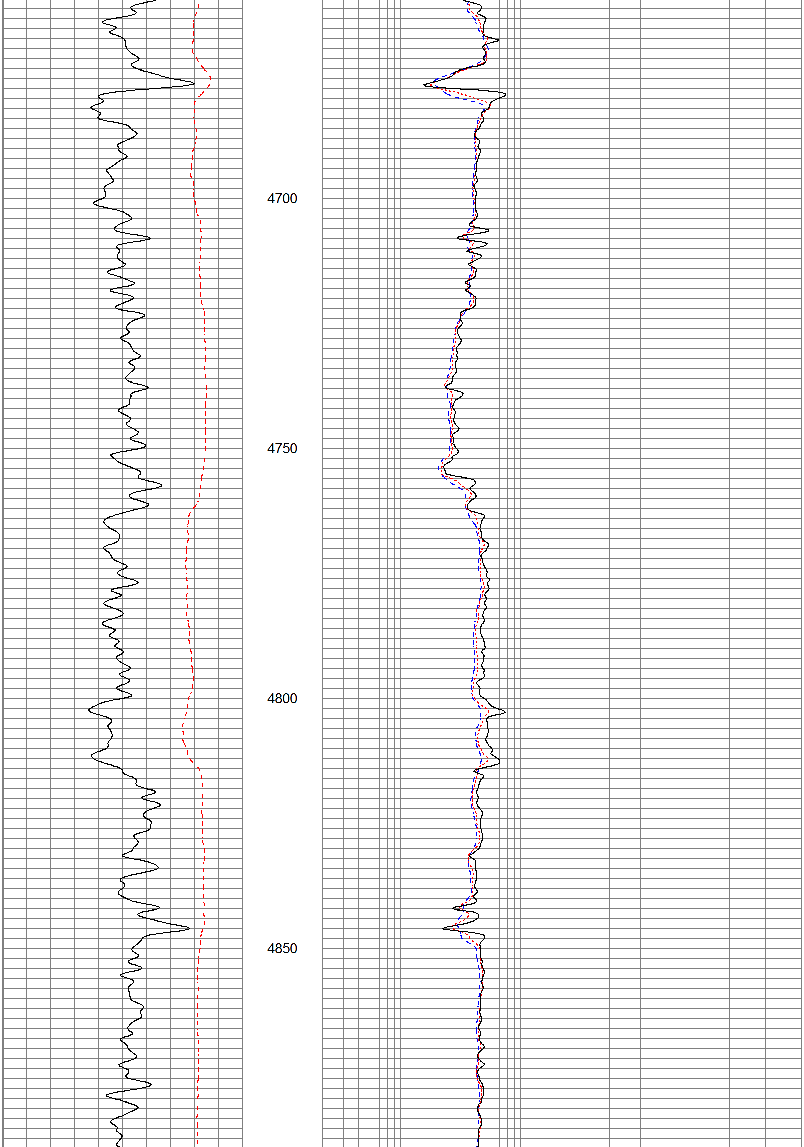
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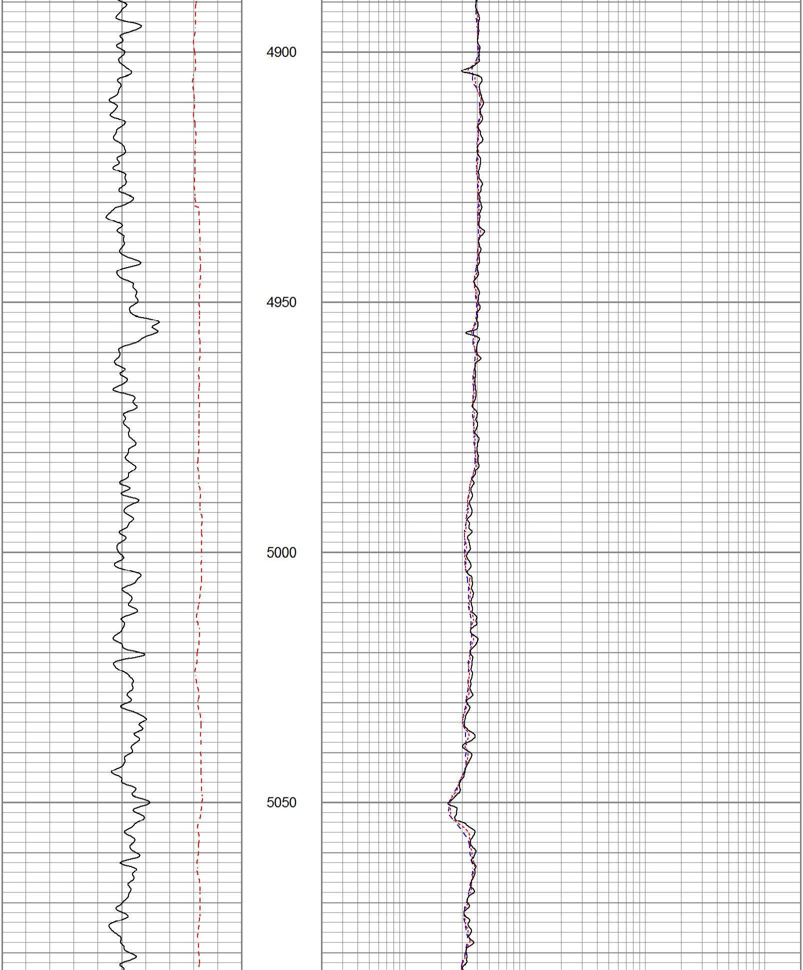
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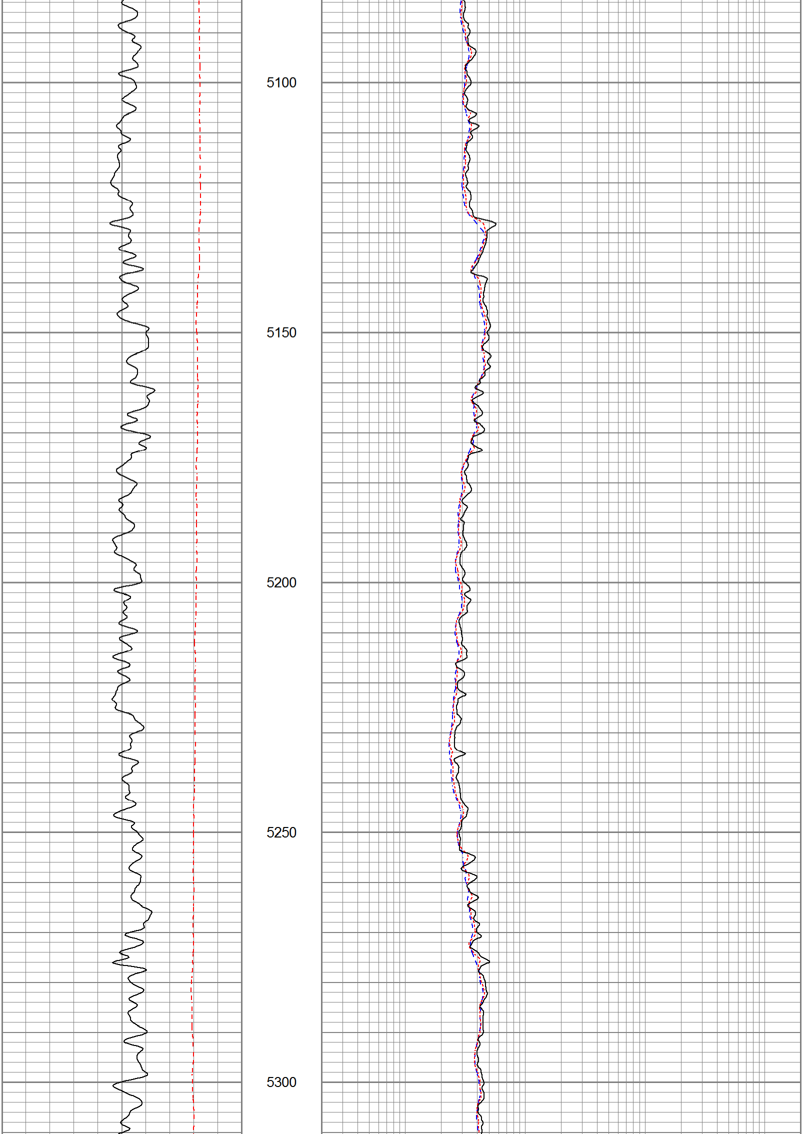
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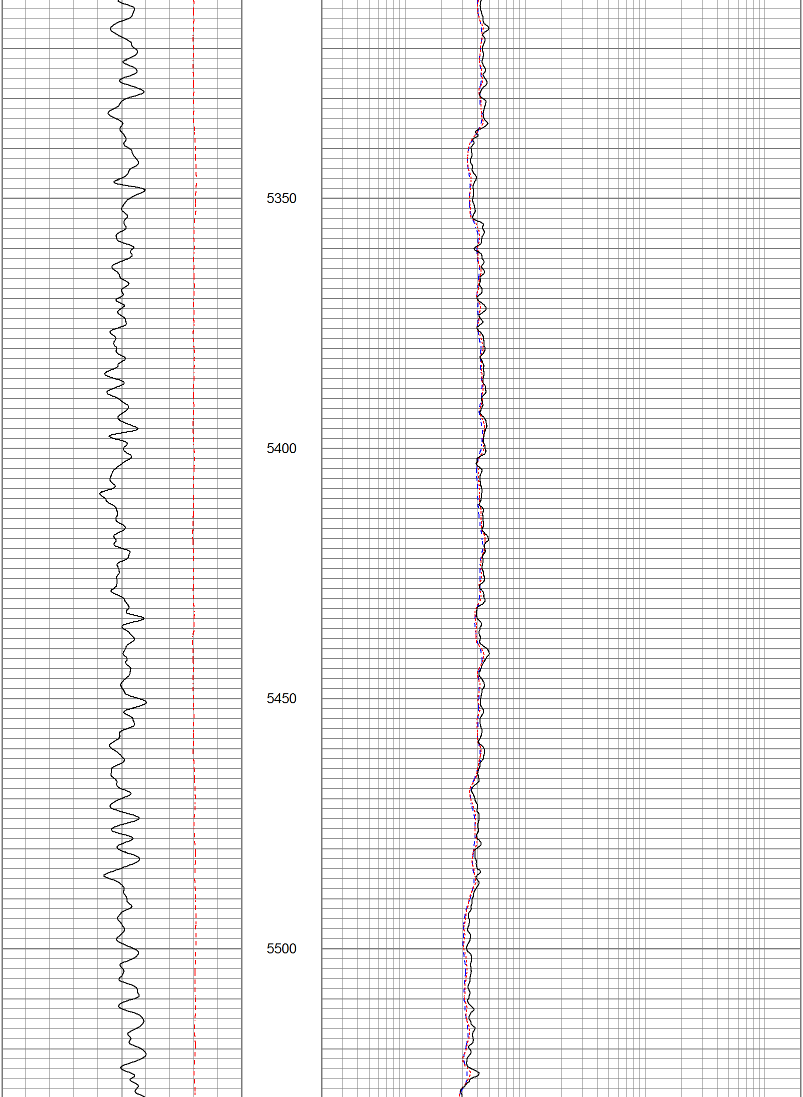
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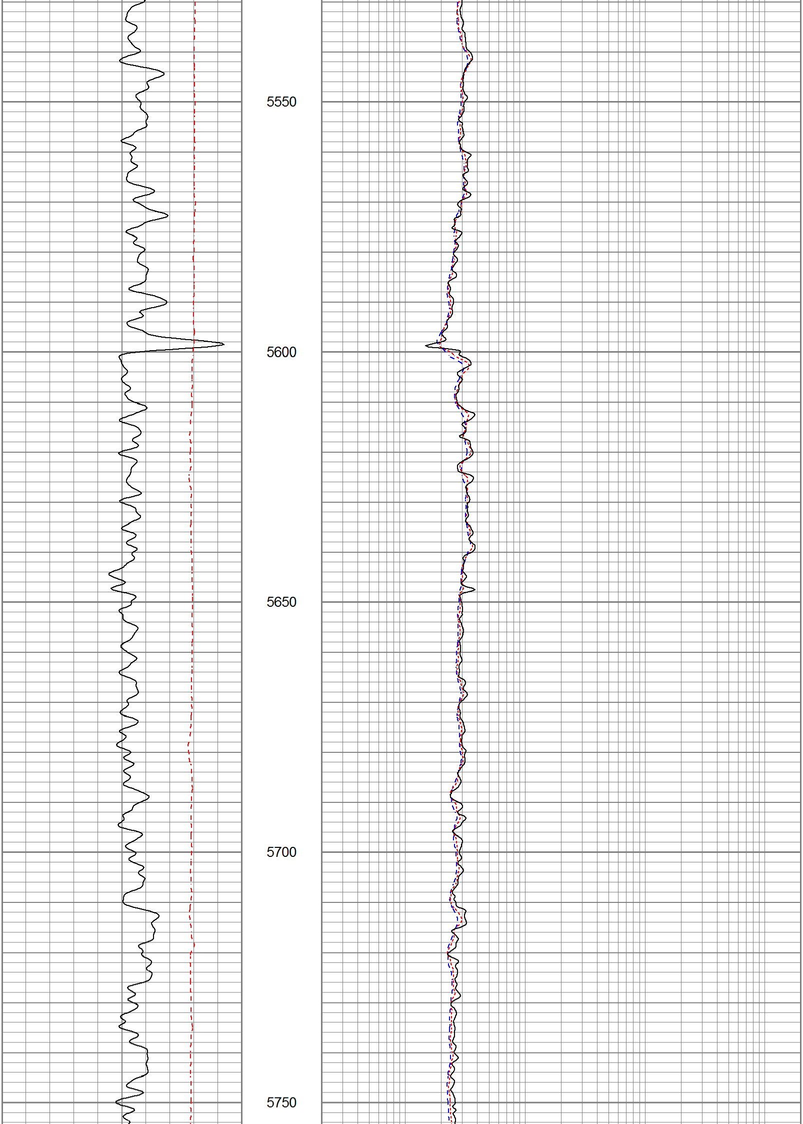
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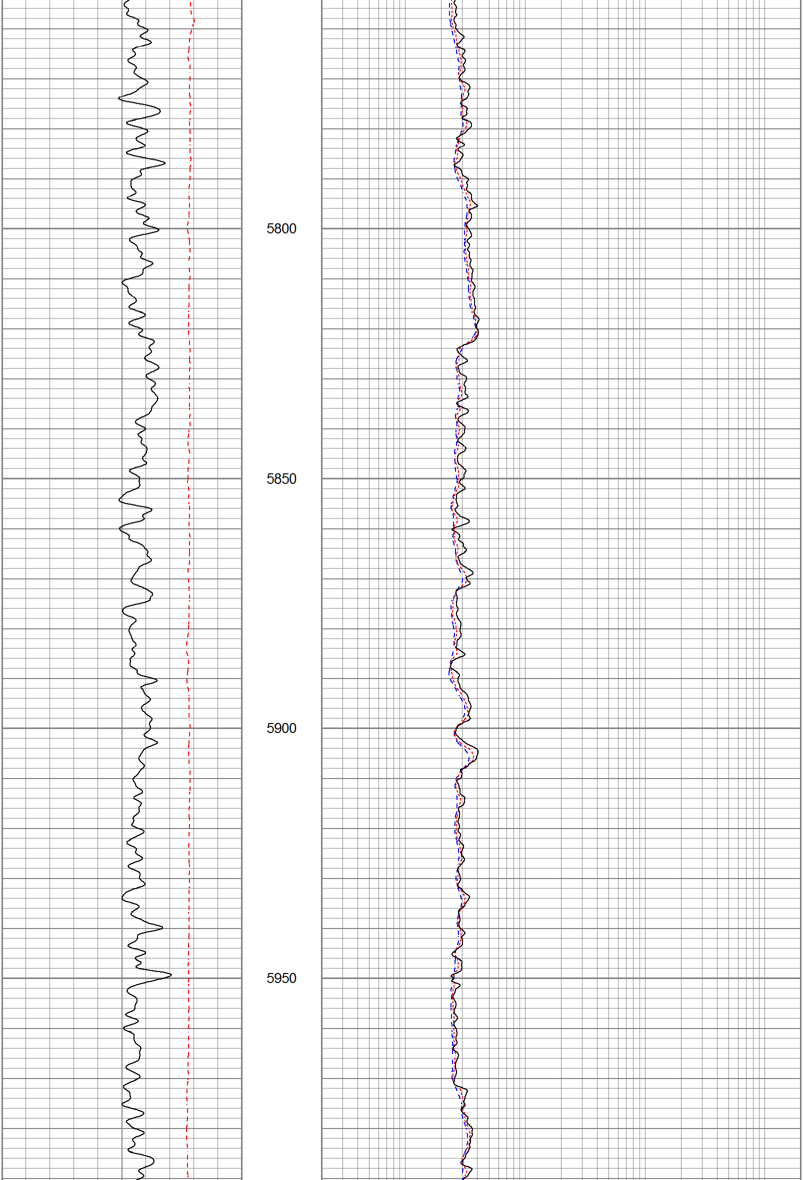
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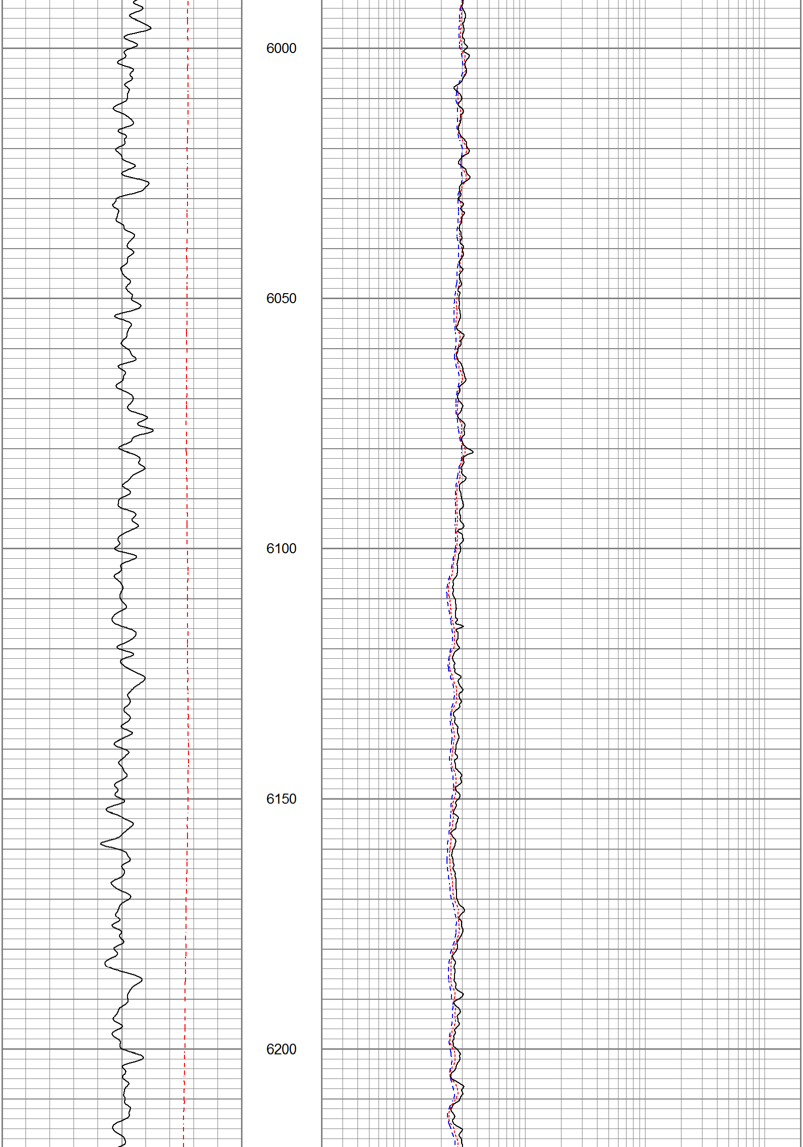
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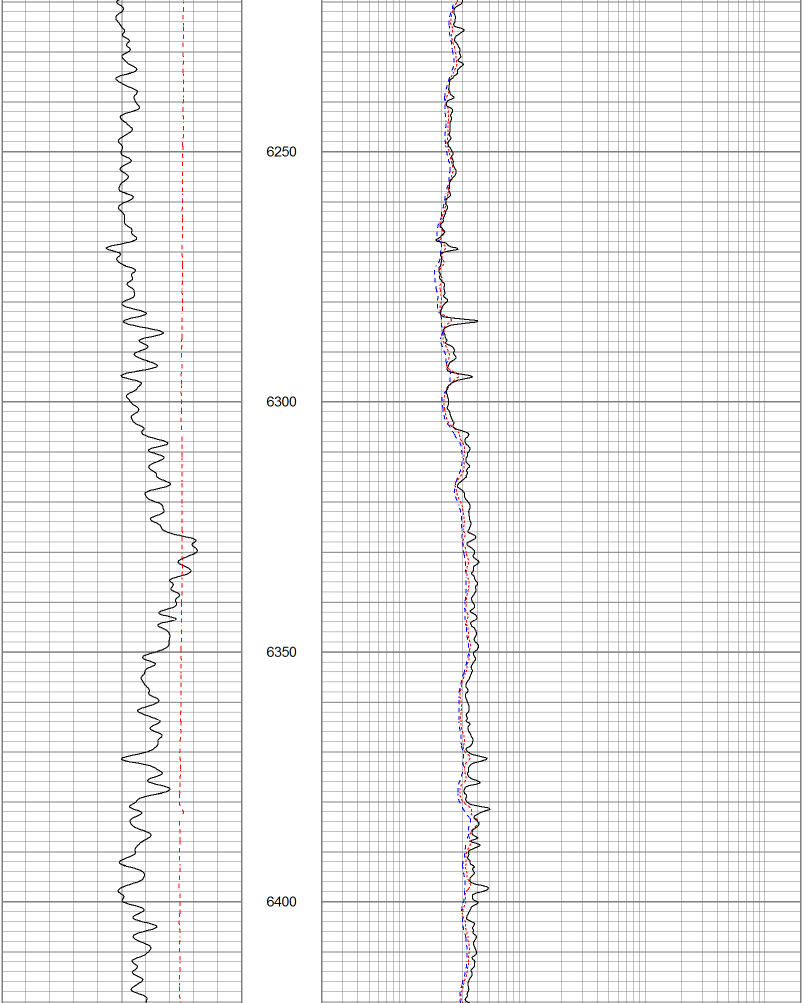
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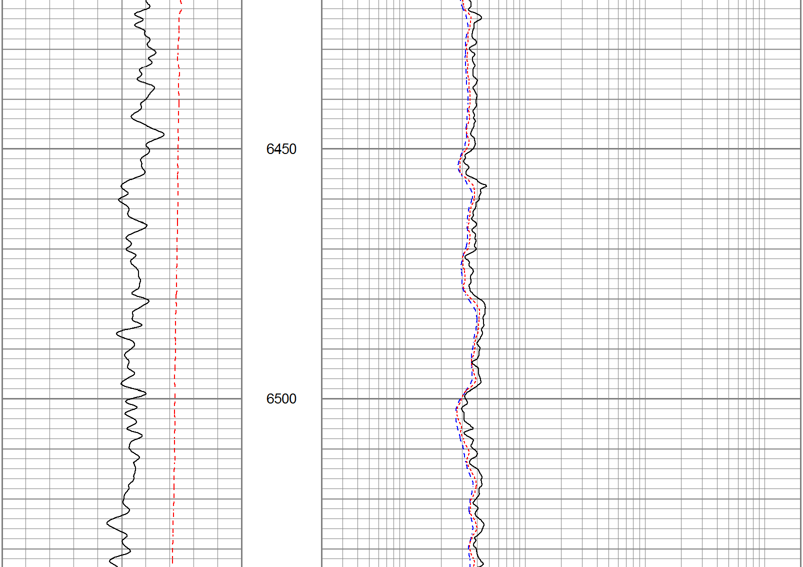
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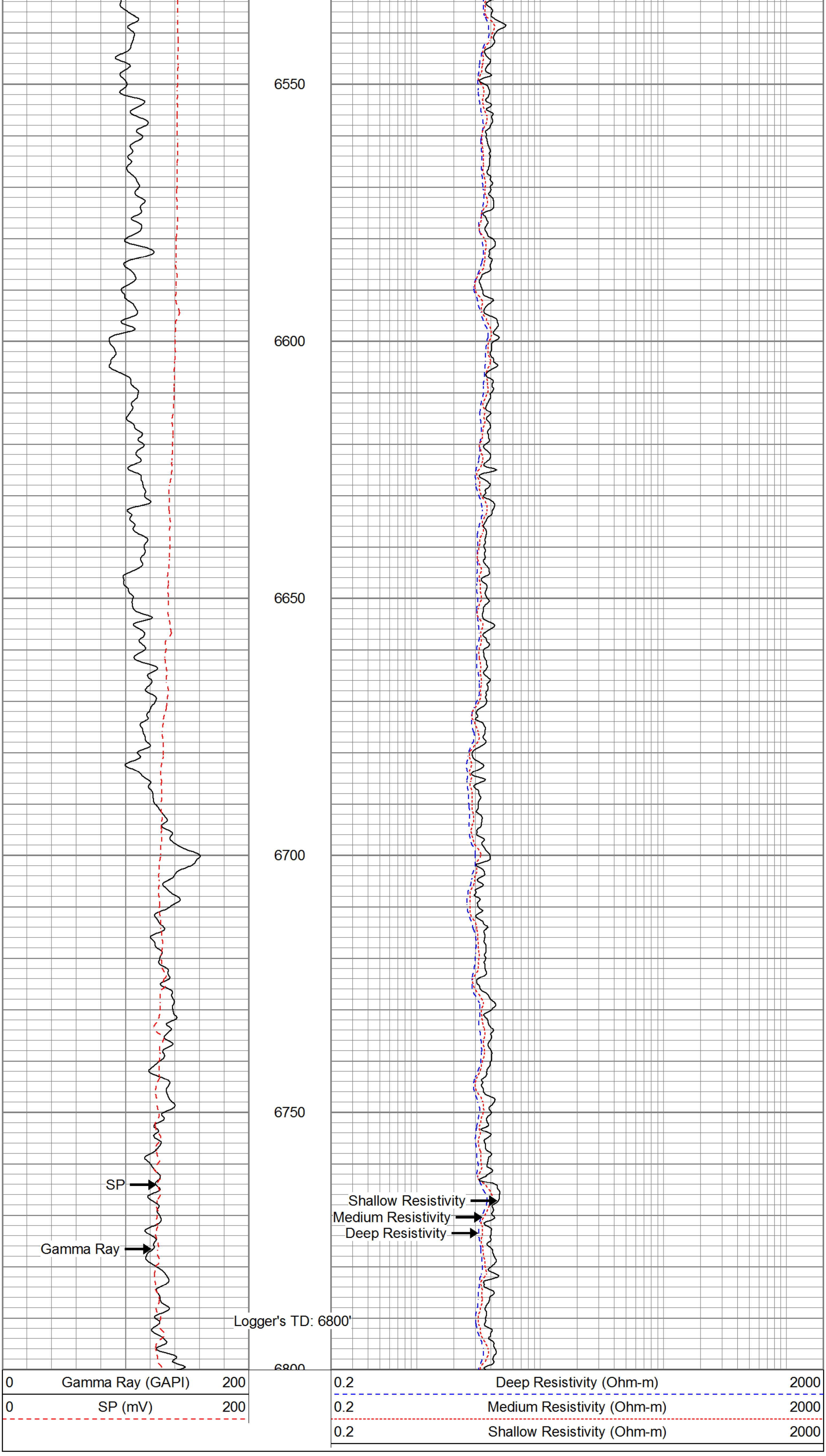

Calibration Report

Database File	13781.db
Dataset Pathname	FINAL
Dataset Creation	Thu May 28 15:18:40 2015

Dual Induction Calibration Report

Serial-Model: 1011-PSI
Surface Cal Performed:

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	0.000	1.000	0.000	1.000	mmho/m	0.600	-26.000
Medium	0.000	1.000	0.000	1.000	mmho/m	0.485	-24.000

Gamma Ray Calibration Report

Serial Number:	939	
Tool Model:	PSI	
Performed:	Thu May 28 12:16:51 2015	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6200	GAPI/cps