PIONEER

Pioneer Energy Services

Microresistivity Log

API No. 15-159-22793-00-00

Company American Warrior, Inc.

Well Jean #1-2

Field Geneseo-Edwards

County Rice State Kansas

Location NE SW SE SW
338' FSL / 1765' FWL
Sec: 2 Twp: 18S Rge: 8W

Other Services
CNL/CDL
DIL/BHCS

Elevation
K.B. 1784
D.F.
G.L. 1776

Permanent Datum Ground Level Elevation 1776
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	8/29/2014			
Run Number	Two			
Depth Driller	3365			
Depth Logger	3366			
Bottom Logged Interval	3365			
Top Log Interval	2600			
Casing Driller	8.625 @ 413			
Casing Logger	404			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	4200			
Density / Viscosity	8.9 | 49			
pH / Fluid Loss	10.5 | 9.2			
Source of Sample	Flowline			
Rm @ Meas. Temp	0.50 @ 70			
Rmf @ Meas. Temp	0.38 @ 70			
Rmc @ Meas. Temp	0.68 @ 70			
Source of Rmf / Rmc	Charts			
Rm @ BHT	0.32 @ 110			
Operating Rig Time	5 Hours			
Max. Rec. Temp. F	110			
Equipment Number	108			
Location	Hays			
Recorded By	R. Barnhart			
Witnessed By	Jim Musgrove			

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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

Thank you for using Log-Tech, Inc.
(785) 625-3858

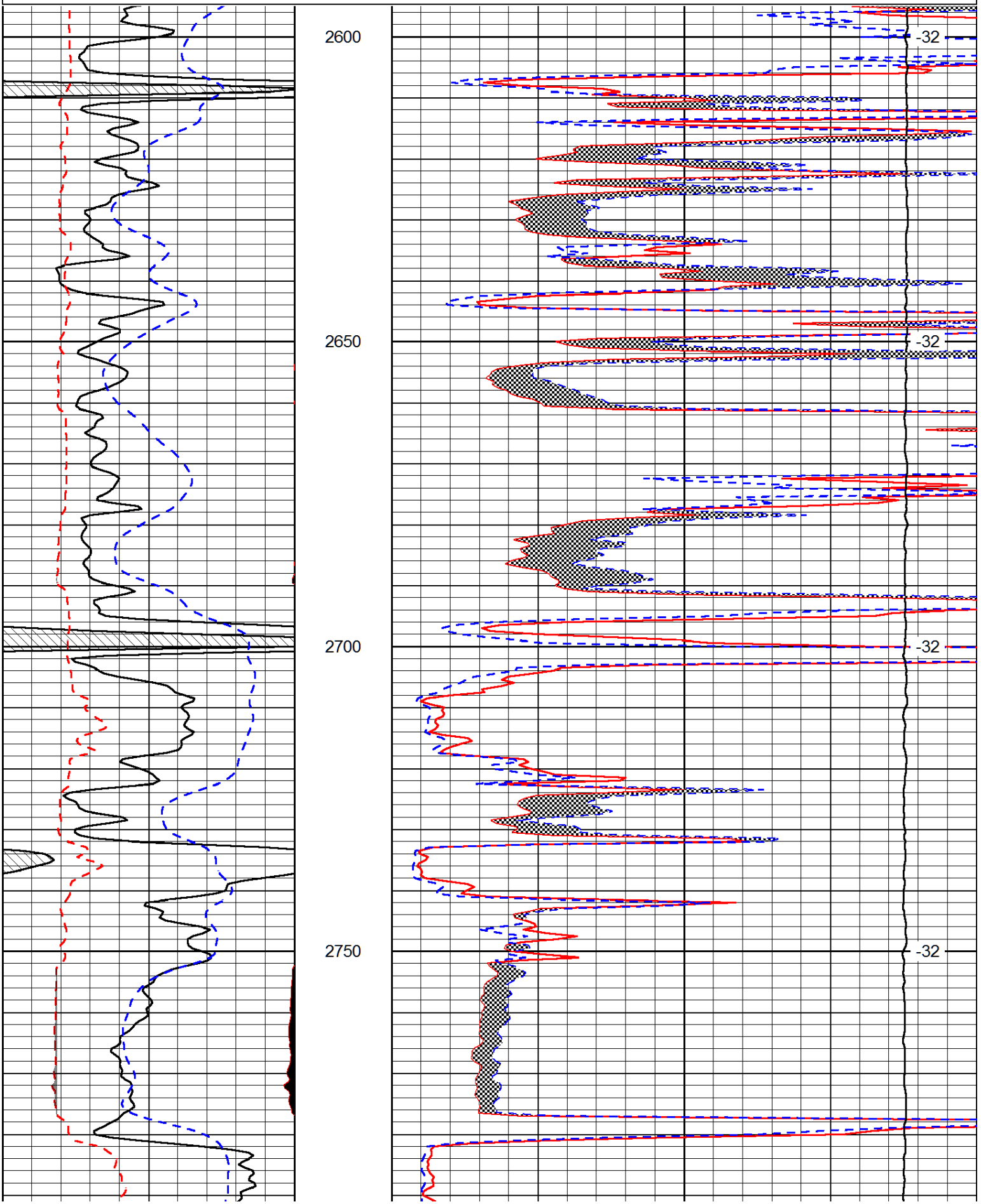
Geneseo, KS:
Hwy 4 & 14: 1/2S, 1 1/2E, N into

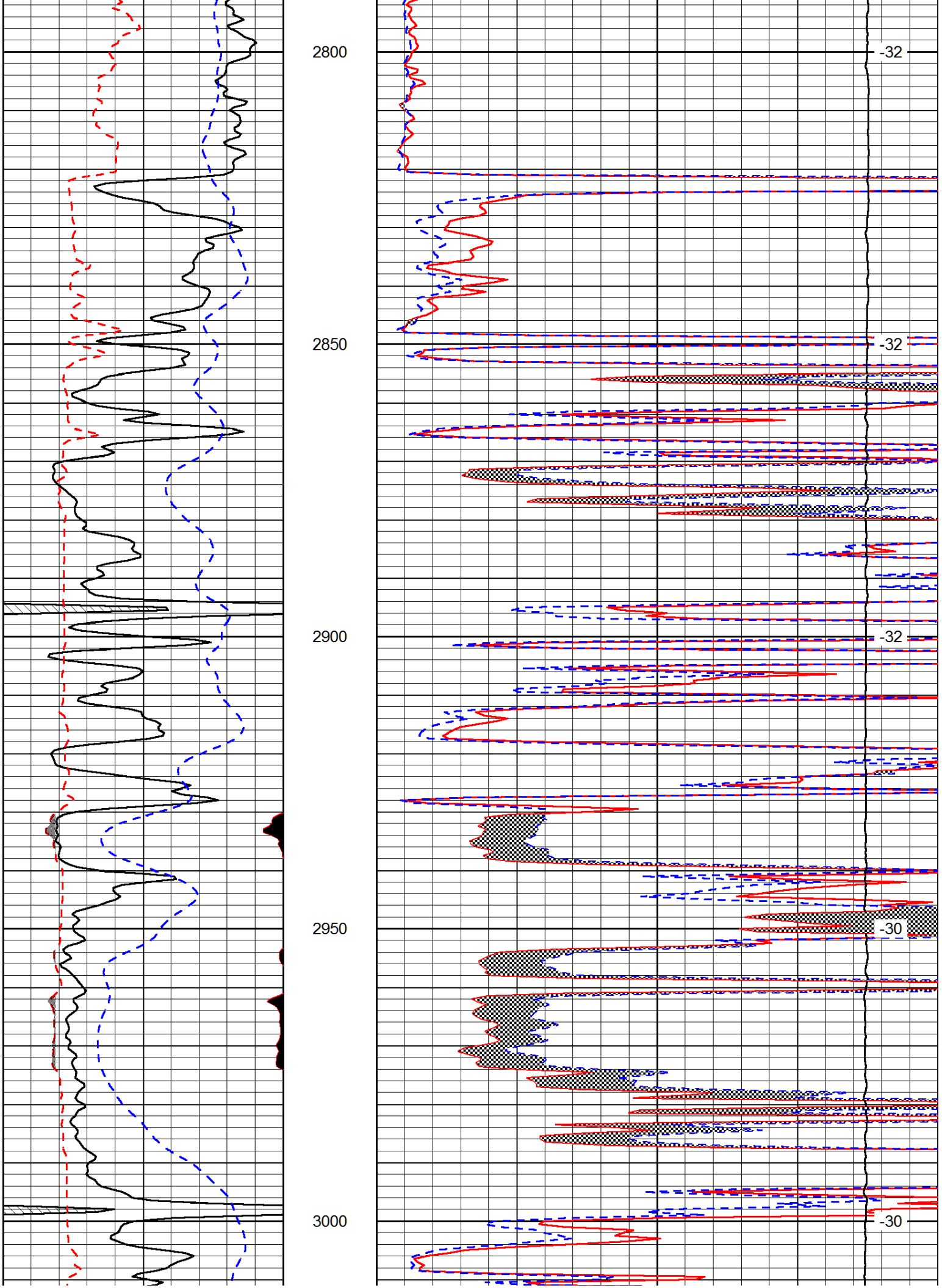
Database File:	amwar_jhd.db
Dataset Pathname:	dil/ammain
Presentation Format:	micro
Dataset Creation:	Fri Aug 29 09:04:17 2014
Charted by:	Depth in Feet scaled 1:240

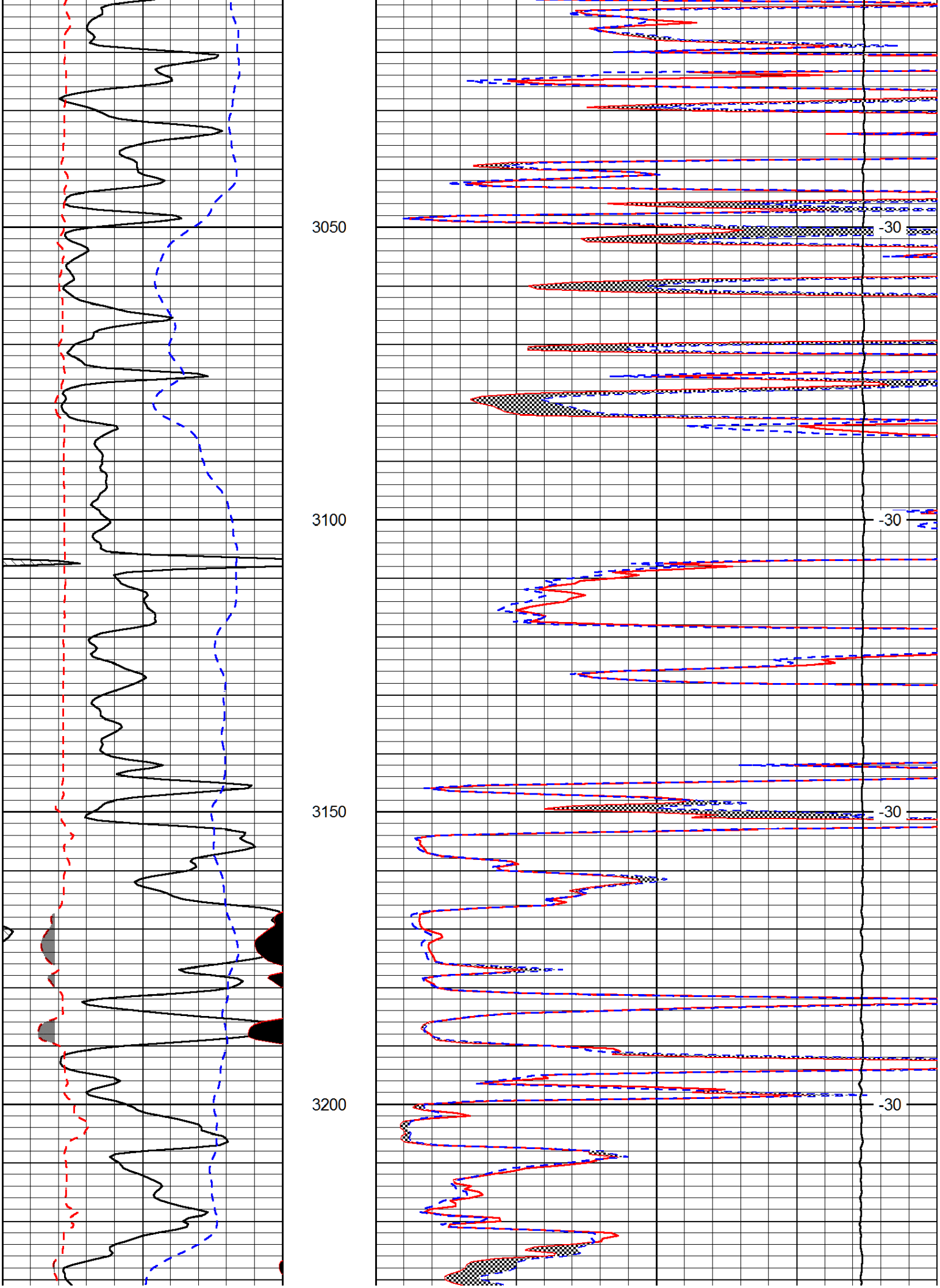
0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP (mV)	0

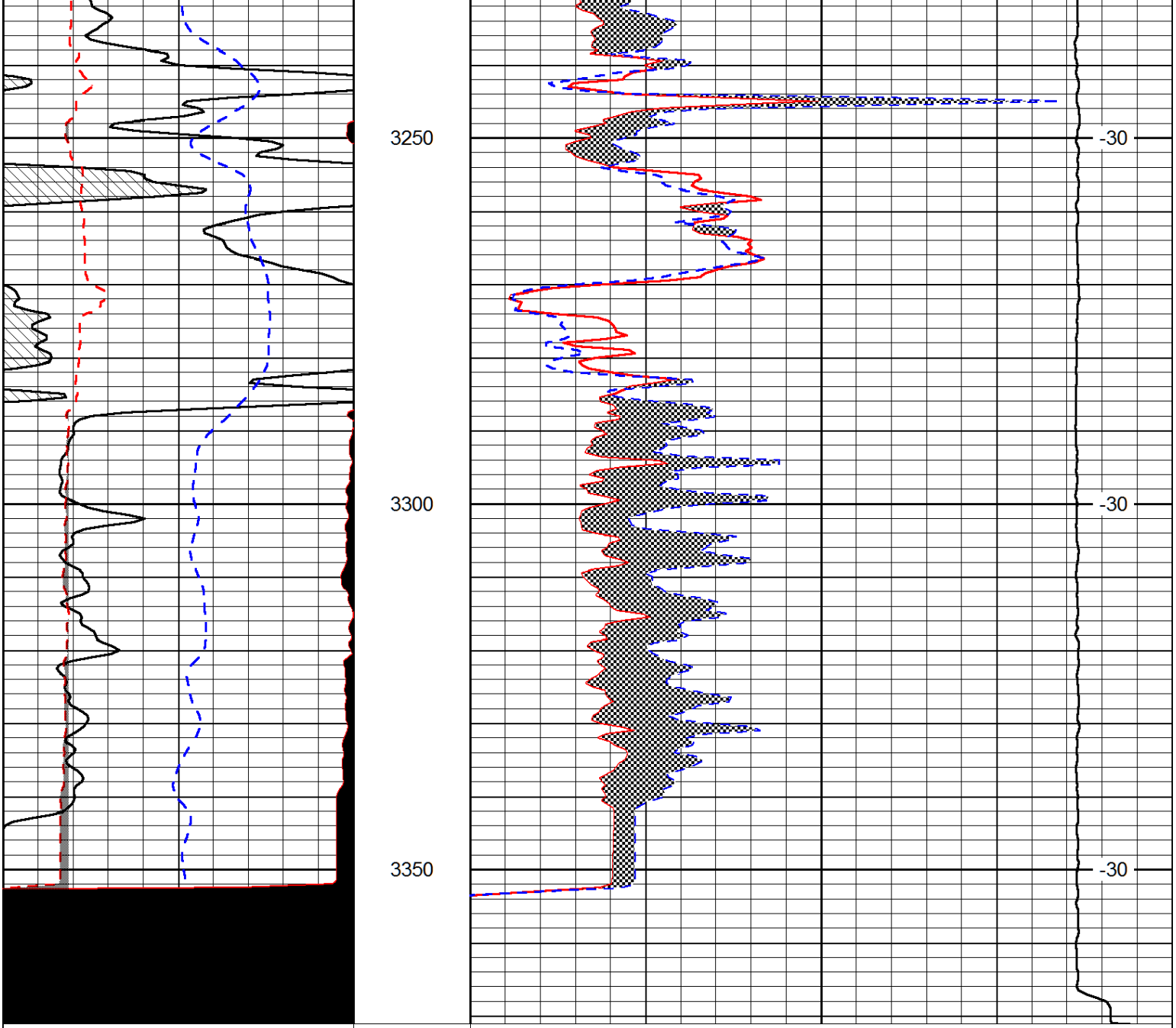
0	Micro Inverese 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0

LSPD




2800
2850
2900
2950
3000
-32
-32
-32
-30
-30


3050
3100
3150
3200
-30
-30
-30



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