PIONEER

Pioneer Energy Services

Dual Compensated Porosity 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
DIL
MEL/BHCS

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

Permanent Datum	Ground Level
Log Measured From	Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing
Date	8/29/2014
Run Number	One
Type Log	CNL / CDL
Depth Driller	3365
Depth Logger	3366
Bottom Logged Interval	3345
Top Logged Interval	2600
Type Fluid In Hole	Chemical
Salinity, PPM CL	4200
Density	8.9
Level	Full
Max. Rec. Temp. F	110
Operating Rig Time	5 Hours
Equipment -- Location	108 Hays
Recorded By	R. Barnhart
Witnessed By	Jim Musgrove

Borehole Record

Run No.	Bit	From	To
One	12.25	00	413
Two	7.875	413	TD

Casing Record

Size	Wgt.	From	To
8.625	23#	00	413

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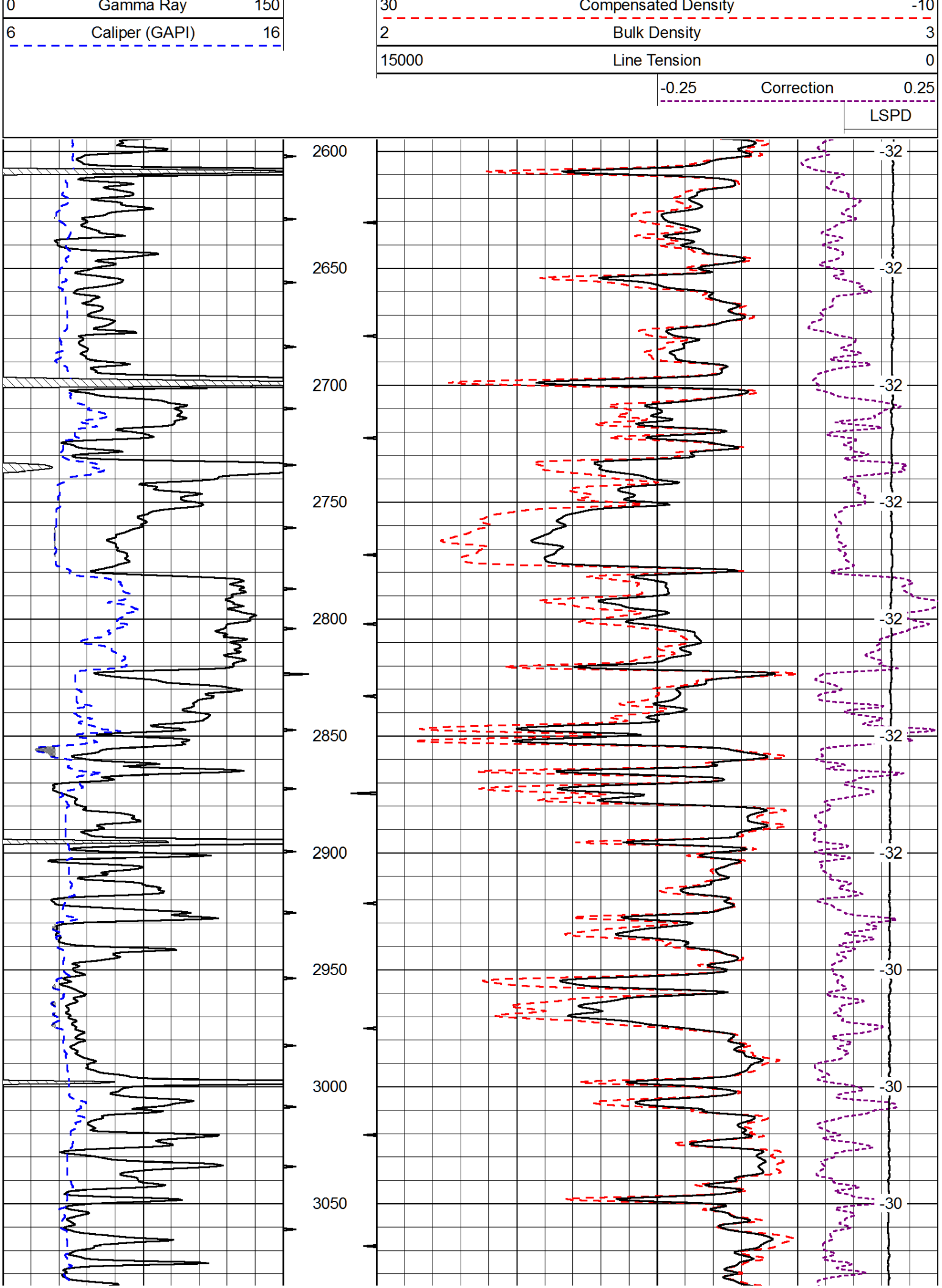
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

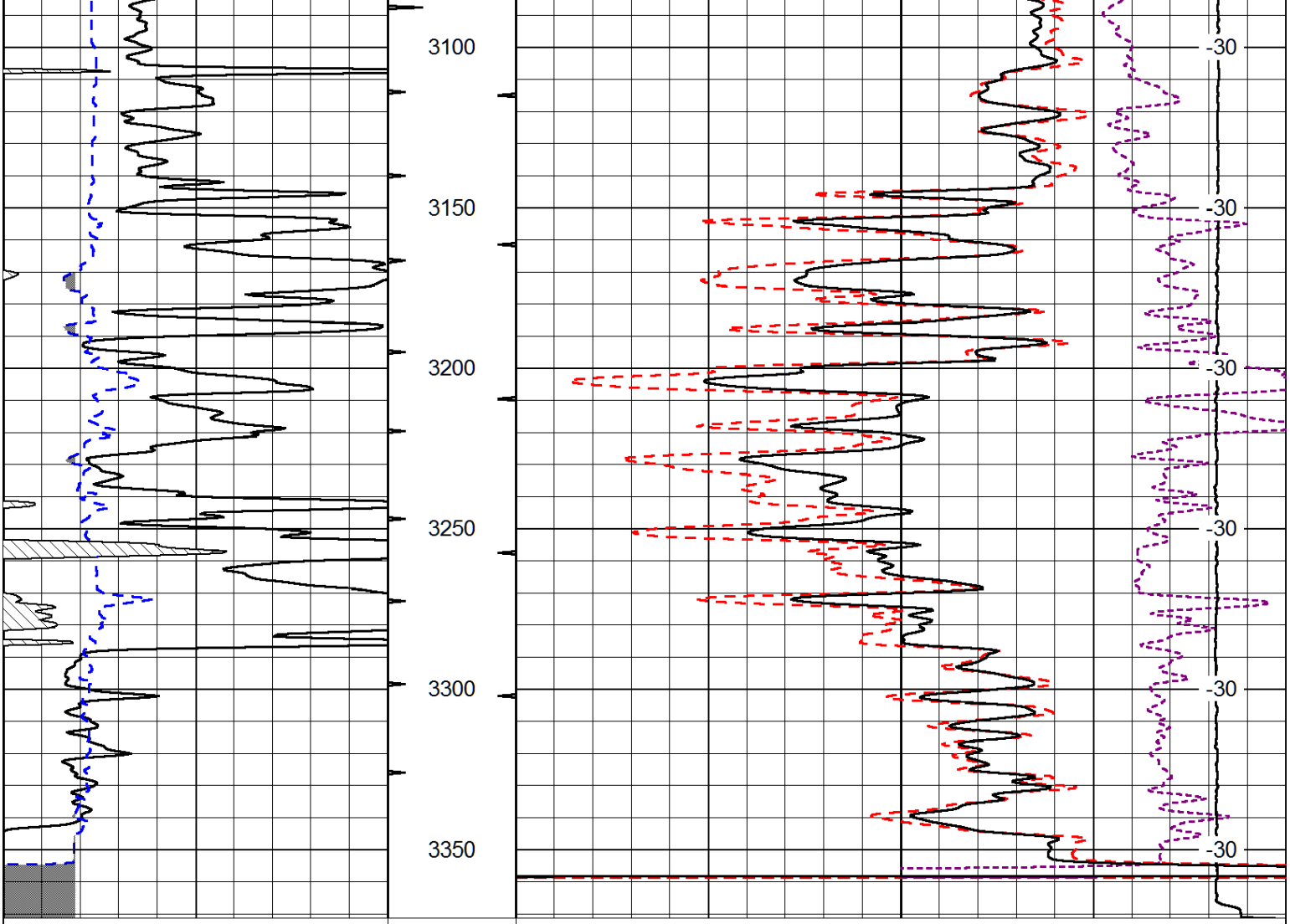
Comments

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:	cdl
Dataset Creation:	Fri Aug 29 09:04:17 2014
Charted by:	Depth in Feet scaled 1:600


0 Gamma Ray 150
6 Caliper (GAPI) 16
30 Compensated Density -10
2 Bulk Density 3
15000 Line Tension 0
-0.25 Correction 0.25
LSPD
2600
2650
2700
2750
2800
2850
2900
2950
3000
3050
-32
-32
-32
-32
-32
-32
-30
-30
-30



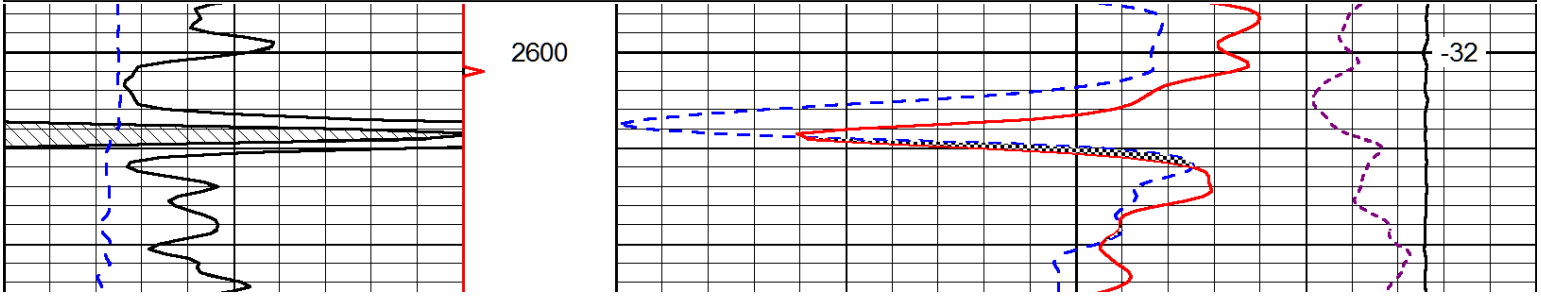
0	Gamma Ray	150
6	Caliper (GAPI)	16

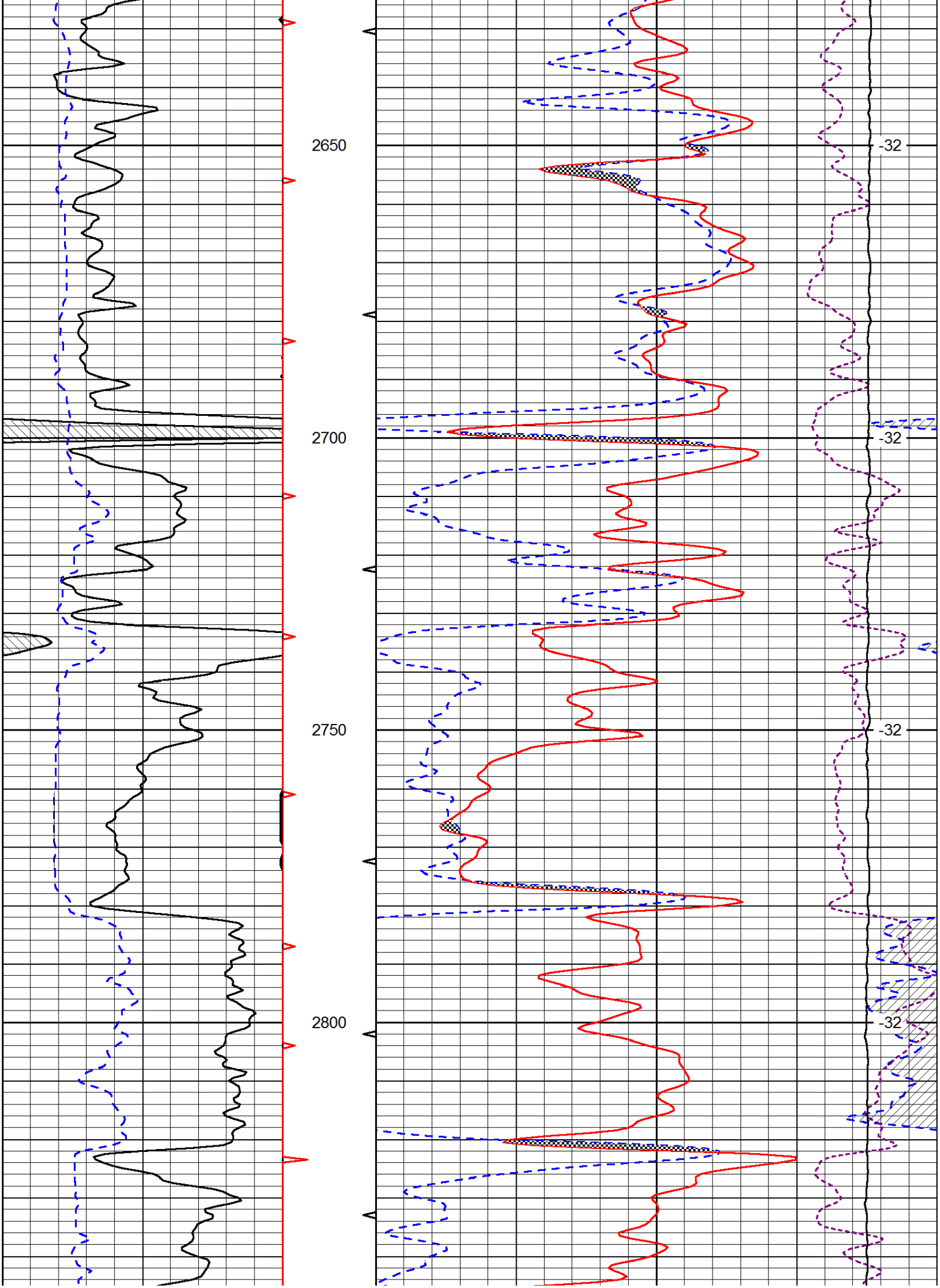
30	Compensated Density	-10
2	Bulk Density	3
15000	Line Tension	0
-0.25	Correction	0.25
	LSPD	

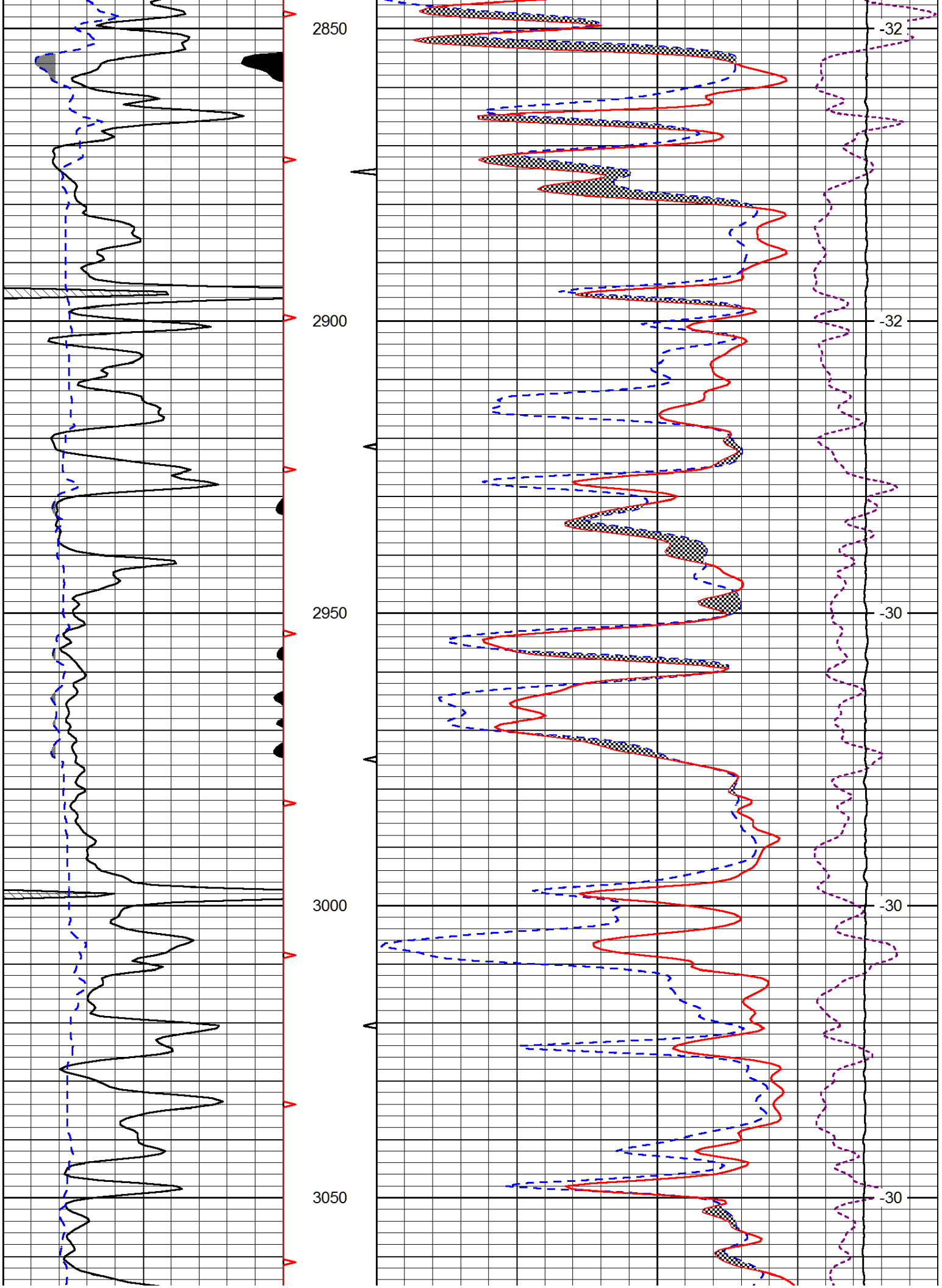
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Dataset Pathname: dil/ammain
Presentation Format: cndlspec
Dataset Creation: Fri Aug 29 09:04:17 2014
Charted by: Depth in Feet scaled 1:240

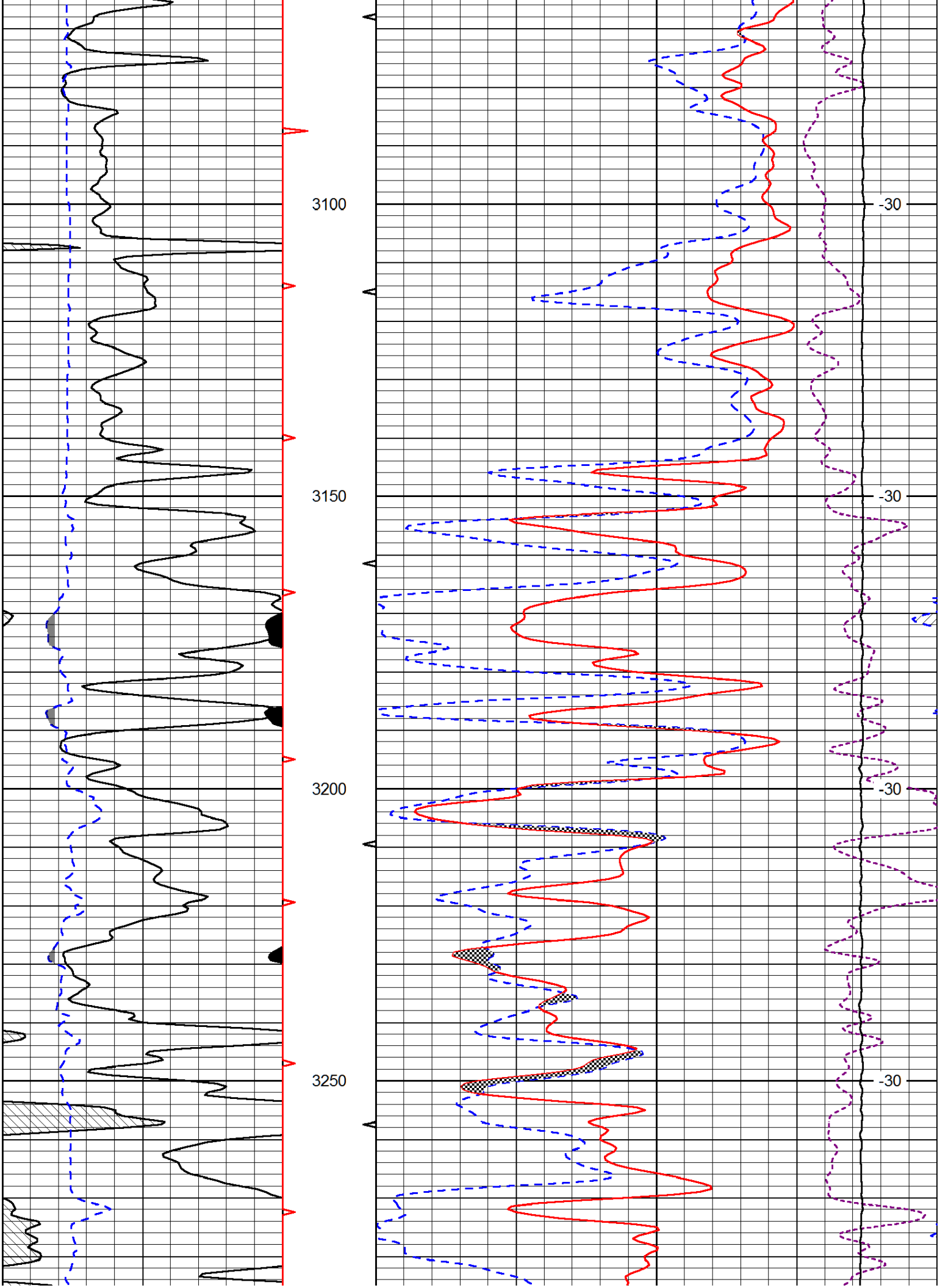
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6	Caliper (GAPI)	16

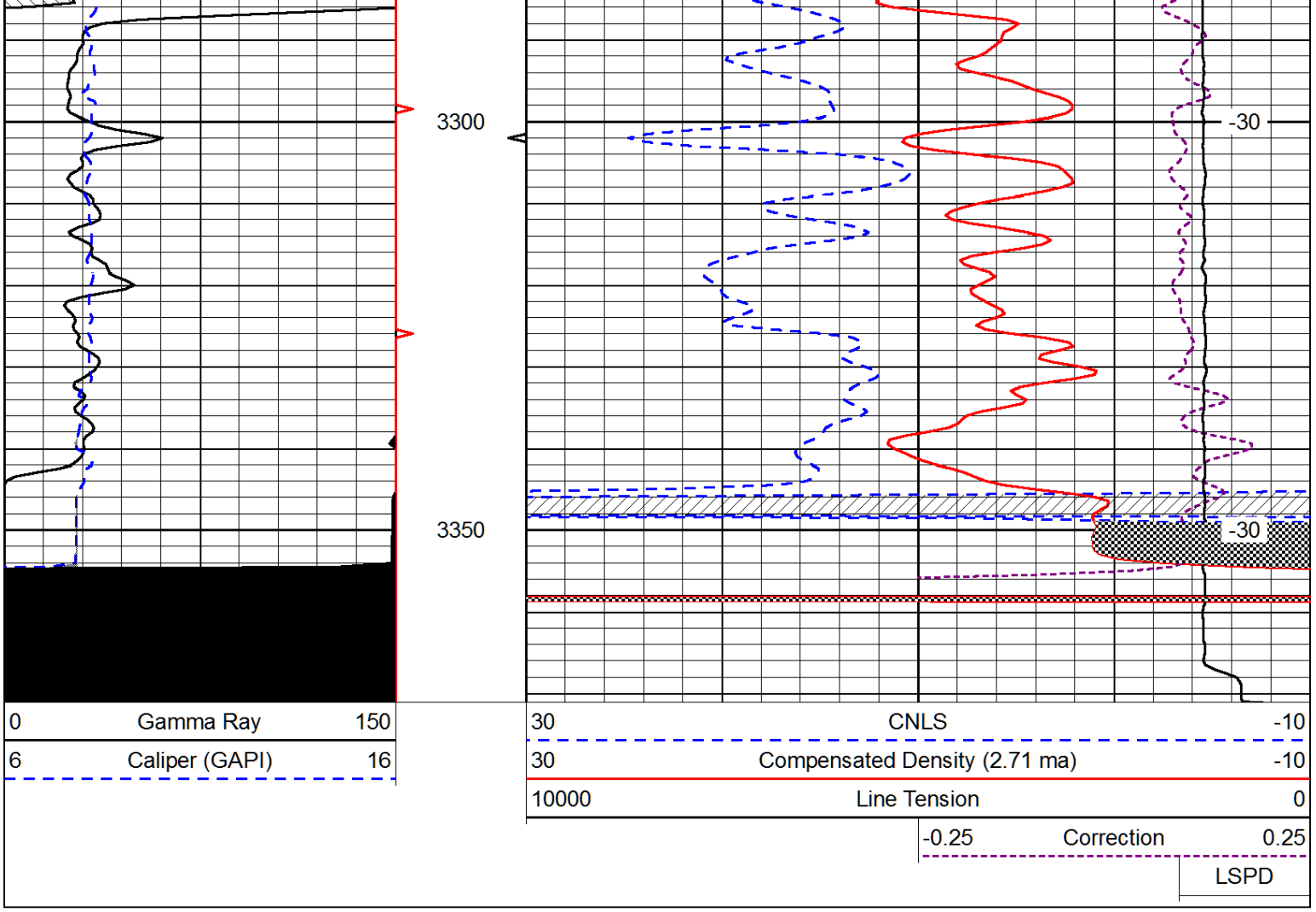
30	CNLS	-10
30	Compensated Density (2.71 ma)	-10
10000	Line Tension	0
-0.25	Correction	0.25
	LSPD	




2650
2700
2750
2800
-32
-32
-32


2850
2900
2950
3000
3050
-32
-32
-30
-30
-30


3100
3150
3200
3250
-30
-30
-30



0	Gamma Ray	150
6	Caliper (GAPI)	16
30	CNLS	-10
30	Compensated Density (2.71 ma)	-10
10000	Line Tension	0
-0.25	Correction	0.25
	LSPD	