



Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-185-23,864-00-00

Company L.D. Drilling, Inc.

Well Ivan #1-1

Field Wildcat

County

Stafford

State Kansas

834' FNL & 581' FEL

Sec: 1

Twp: 23S

Page: 14W

Elevation

	Ground Level	Elevation 1925
Summit	600	780
East Summit	550	730
West Summit	550	730
North Summit	550	730
South Summit	550	730
Central Summit	550	730
North Ridge	500	680
South Ridge	500	680
East Ridge	500	680
West Ridge	500	680
Central Ridge	500	680
North Slope	450	630
South Slope	450	630
East Slope	450	630
West Slope	450	630
Central Slope	450	630
North Valley	400	580
South Valley	400	580
East Valley	400	580
West Valley	400	580
Central Valley	400	580
North Gully	350	530
South Gully	350	530
East Gully	350	530
West Gully	350	530
Central Gully	350	530
North Ravine	300	480
South Ravine	300	480
East Ravine	300	480
West Ravine	300	480
Central Ravine	300	480
North Creek	250	430
South Creek	250	430
East Creek	250	430
West Creek	250	430
Central Creek	250	430
North Stream	200	380
South Stream	200	380
East Stream	200	380
West Stream	200	380
Central Stream	200	380
North Pond	150	330
South Pond	150	330
East Pond	150	330
West Pond	150	330
Central Pond	150	330
North Lake	100	280
South Lake	100	280
East Lake	100	280
West Lake	100	280
Central Lake	100	280
North Bay	50	230
South Bay	50	230
East Bay	50	230
West Bay	50	230
Central Bay	50	230

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Location	15
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Borehole Record

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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

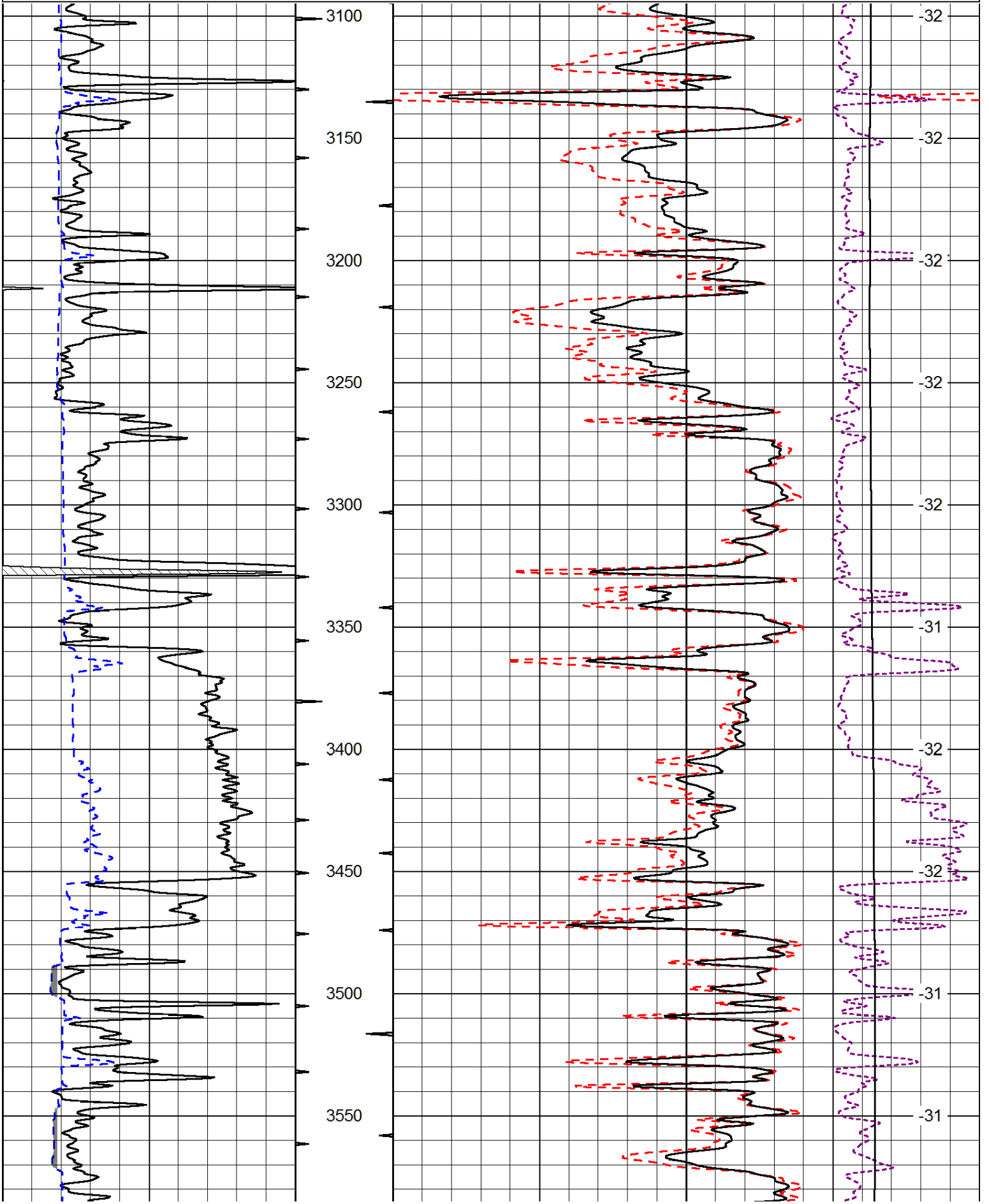
Thank you for using Log-Tech, Inc.
(785) 625-3858

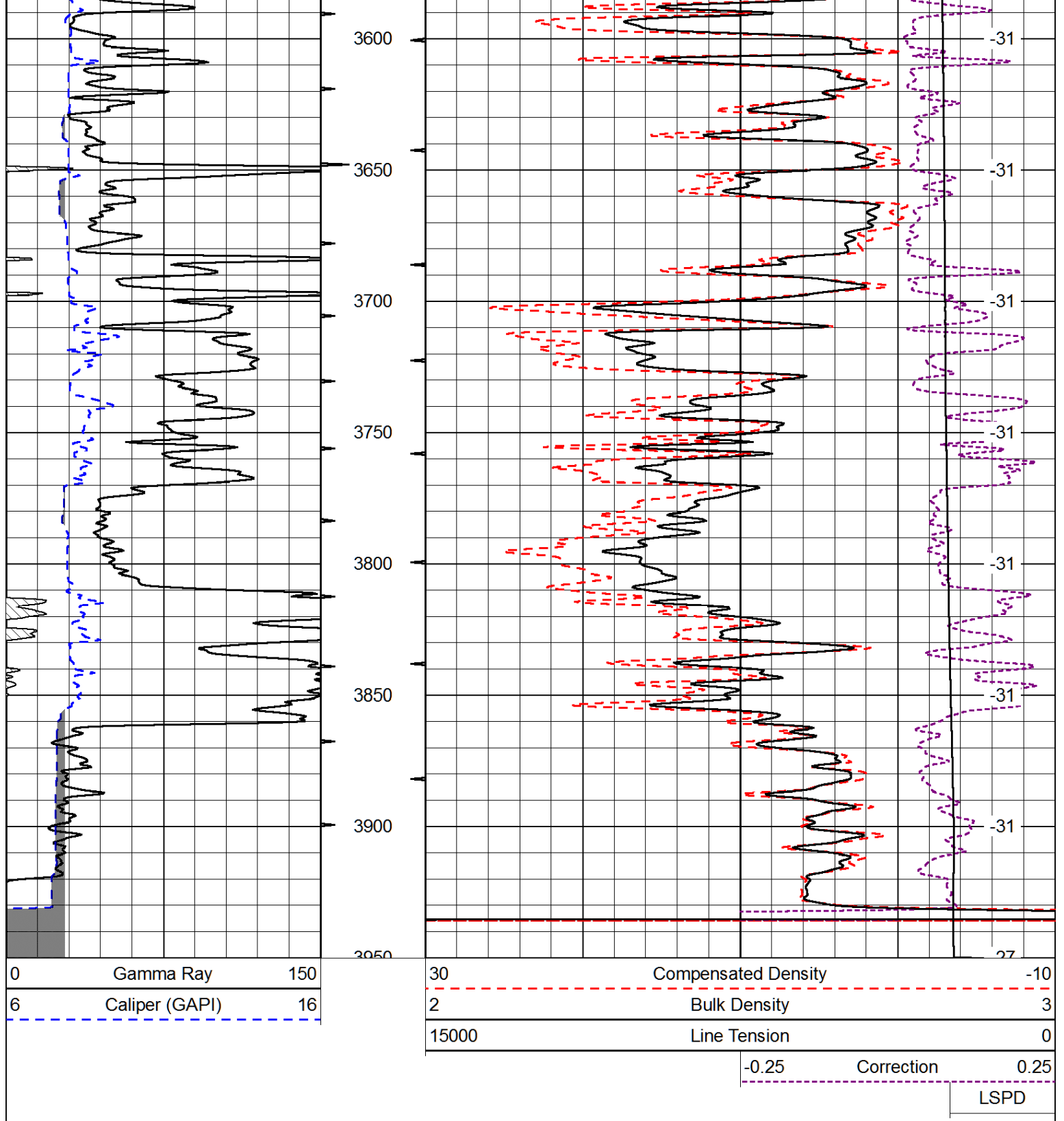
Great Bend KS, 17 South to 90 RD,
3 West. South Into

Database File: Id_ivan_1_1hd.db
Dataset Pathname: DIL/ldstk
Presentation Format: cdl
Dataset Creation: Thu May 22 15:40:24 2014
Charted by: Depth in Feet scaled 1:600

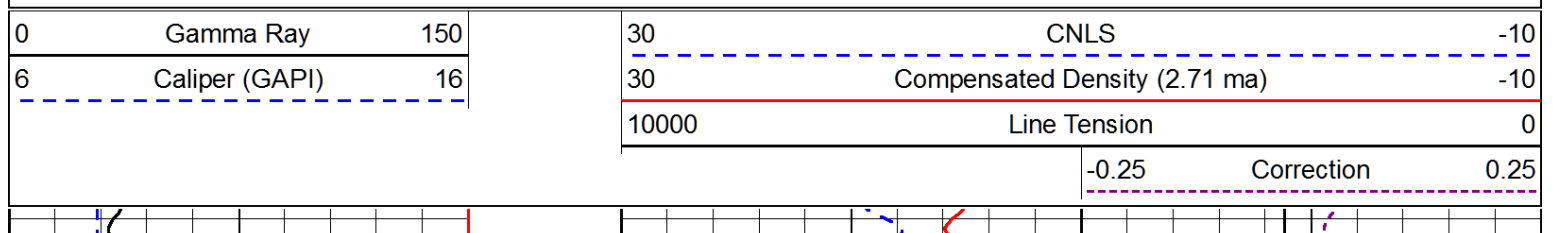
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6	Caliper (GAPI)	16

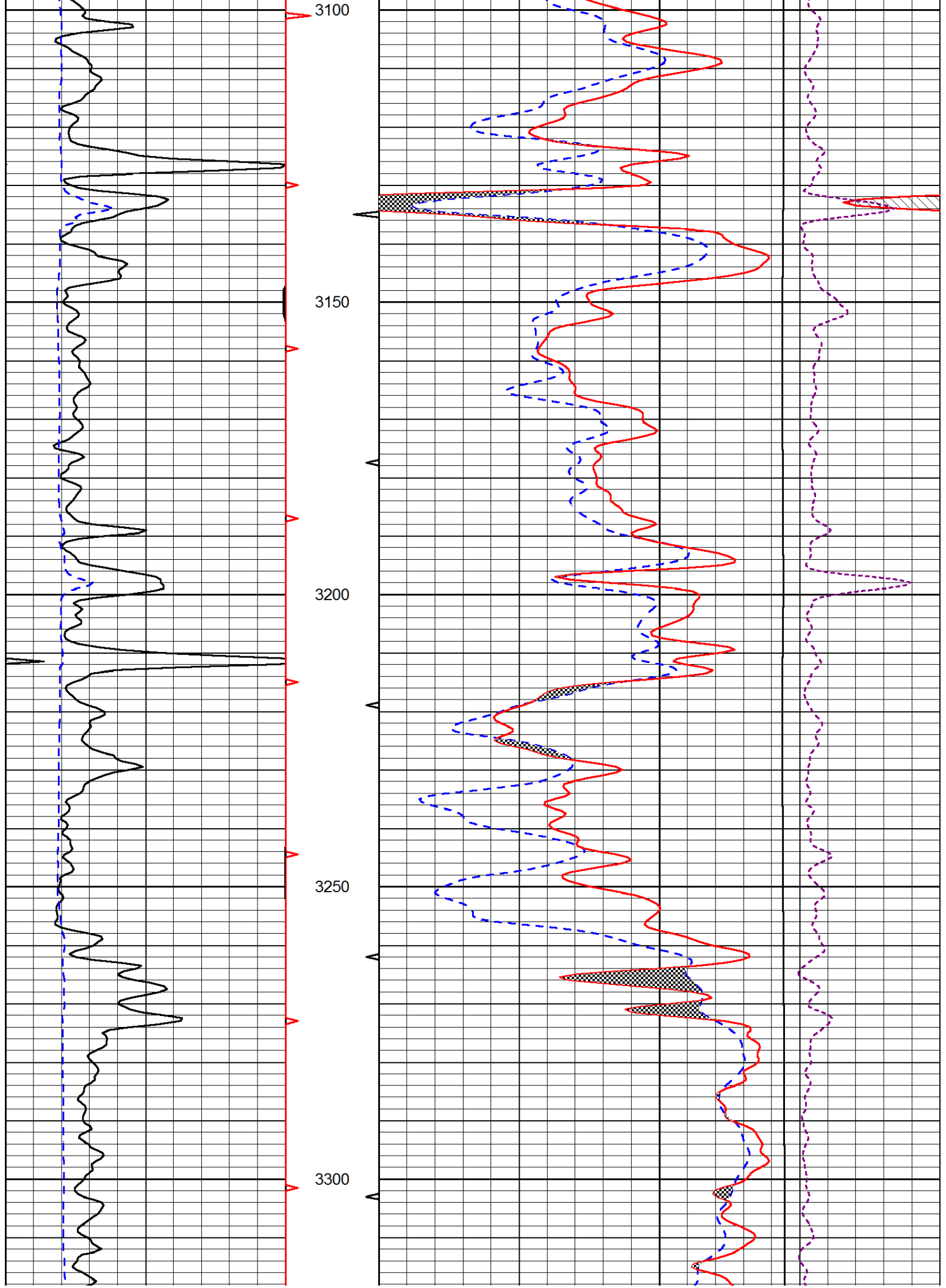
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2	Bulk Density		3
15000	Line Tension		0
	-0.25	Correction	0.25
			LSPD

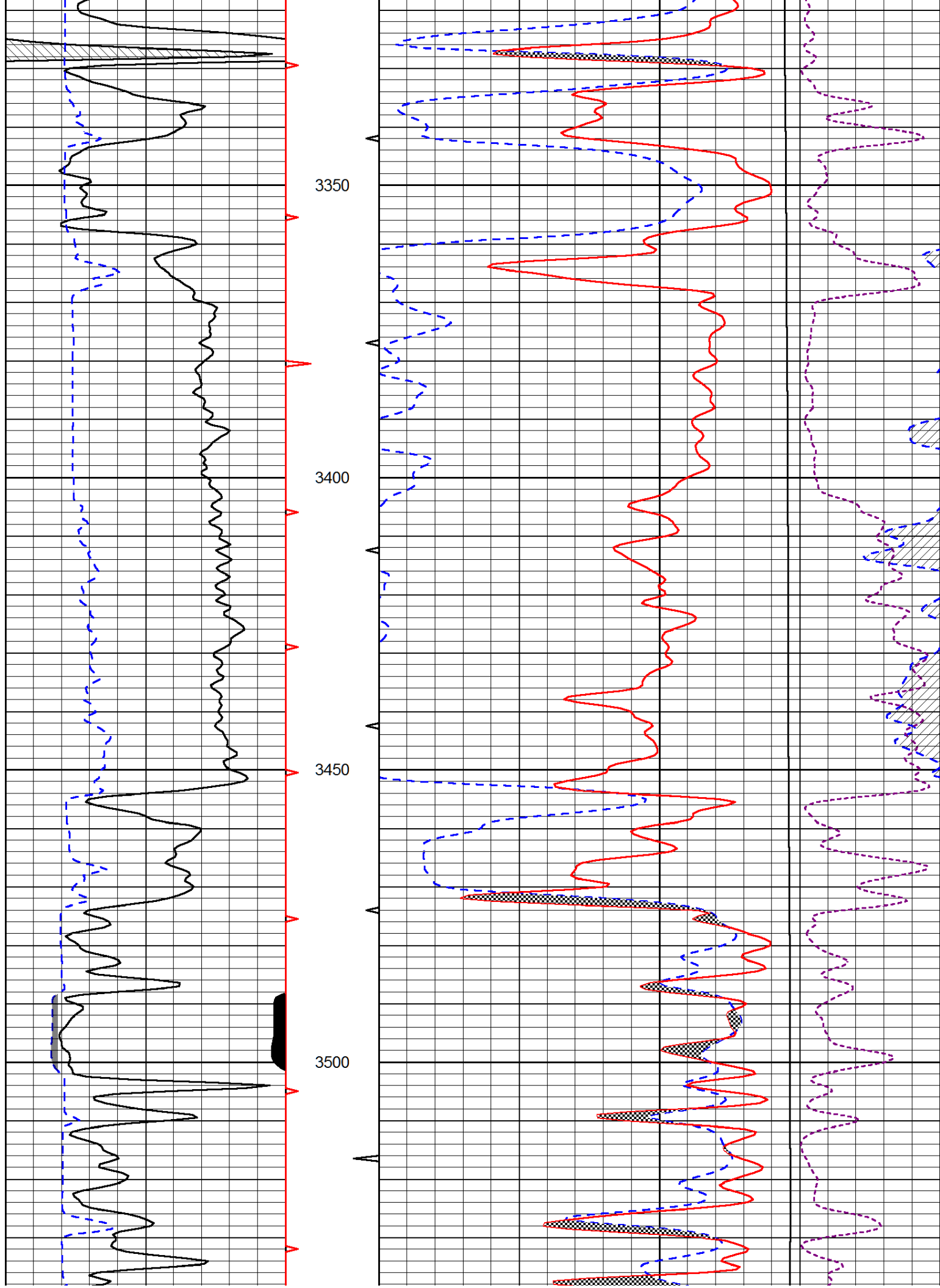


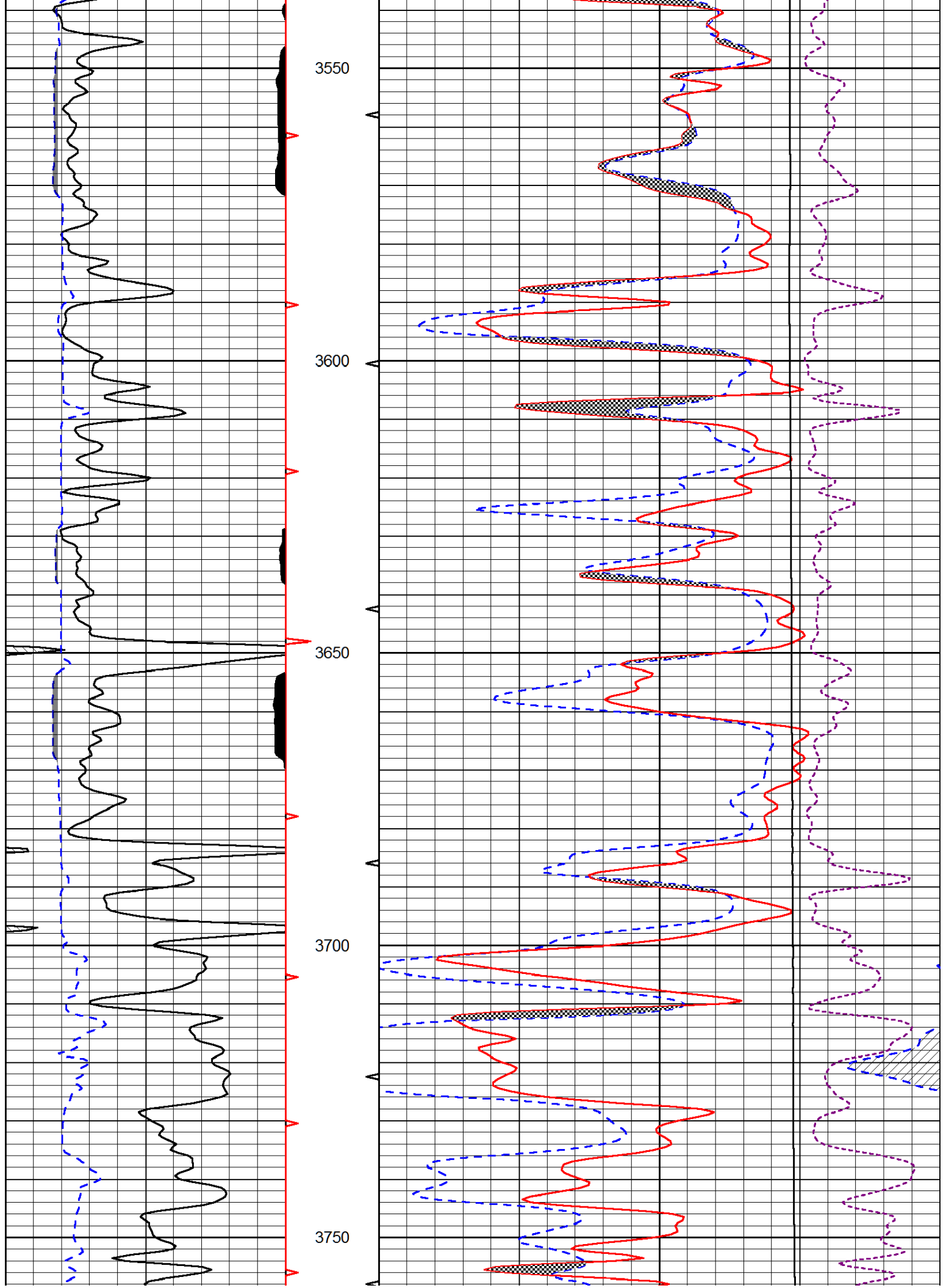


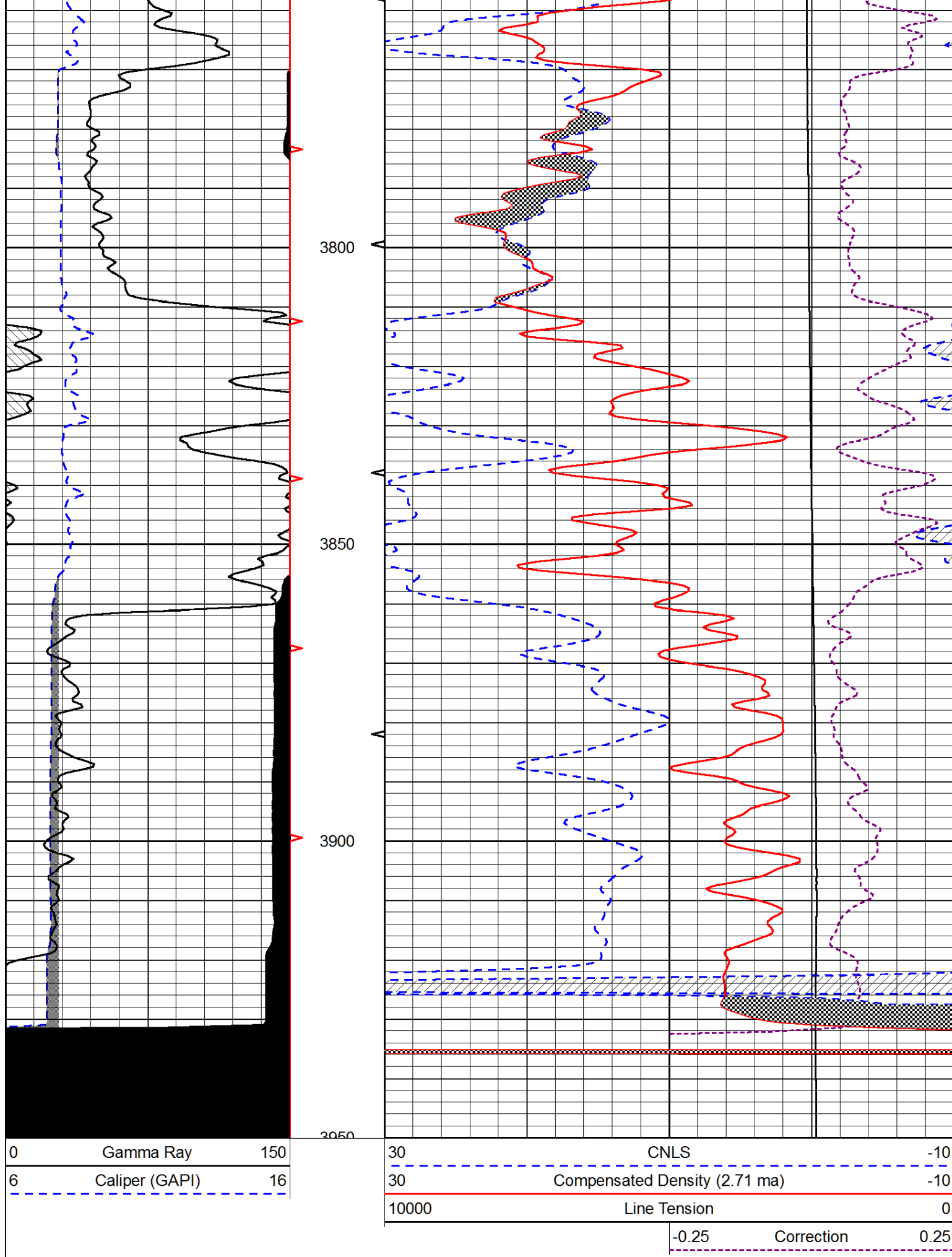
Database File: Id_ivan_1_1hd.db
 Dataset Pathname: DIL/ldstk
 Presentation Format: cndlspec
 Dataset Creation: Thu May 22 15:40:24 2014
 Charted by: Depth in Feet scaled 1:240









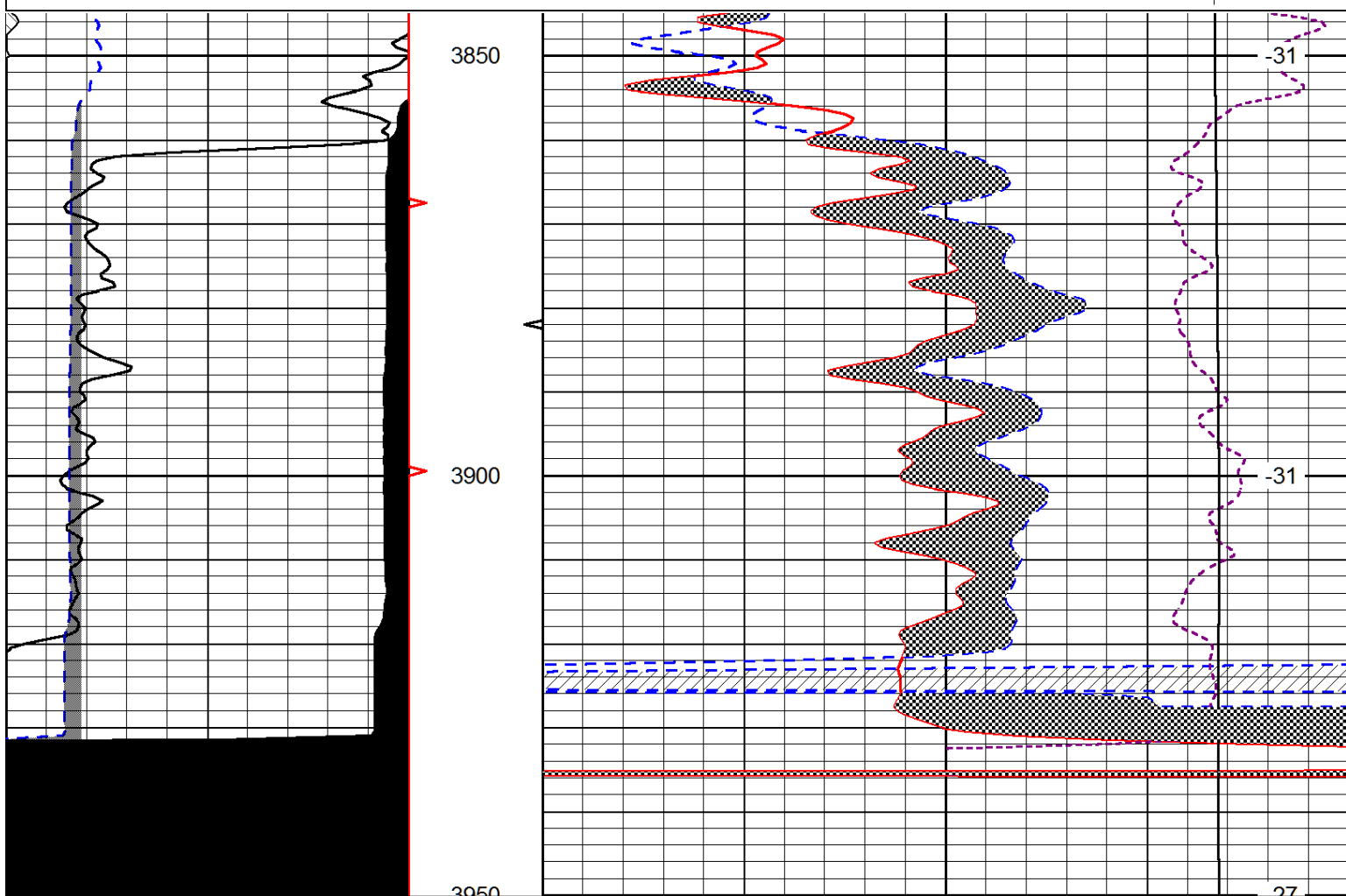


Dolomite Matrix (2.83)

Database File: Id_ivan_1_1hd.db
 Dataset Pathname: DIL/Iddol283
 Presentation Format: cndldol
 Dataset Creation: Thu May 22 15:40:23 2014
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron	-10
30	Compensated Density	-10
15000	Line Tension	0
-0.25	Correction	0.25
	LSPD	



0	Gamma Ray	150
6	Caliper (GAPI)	16

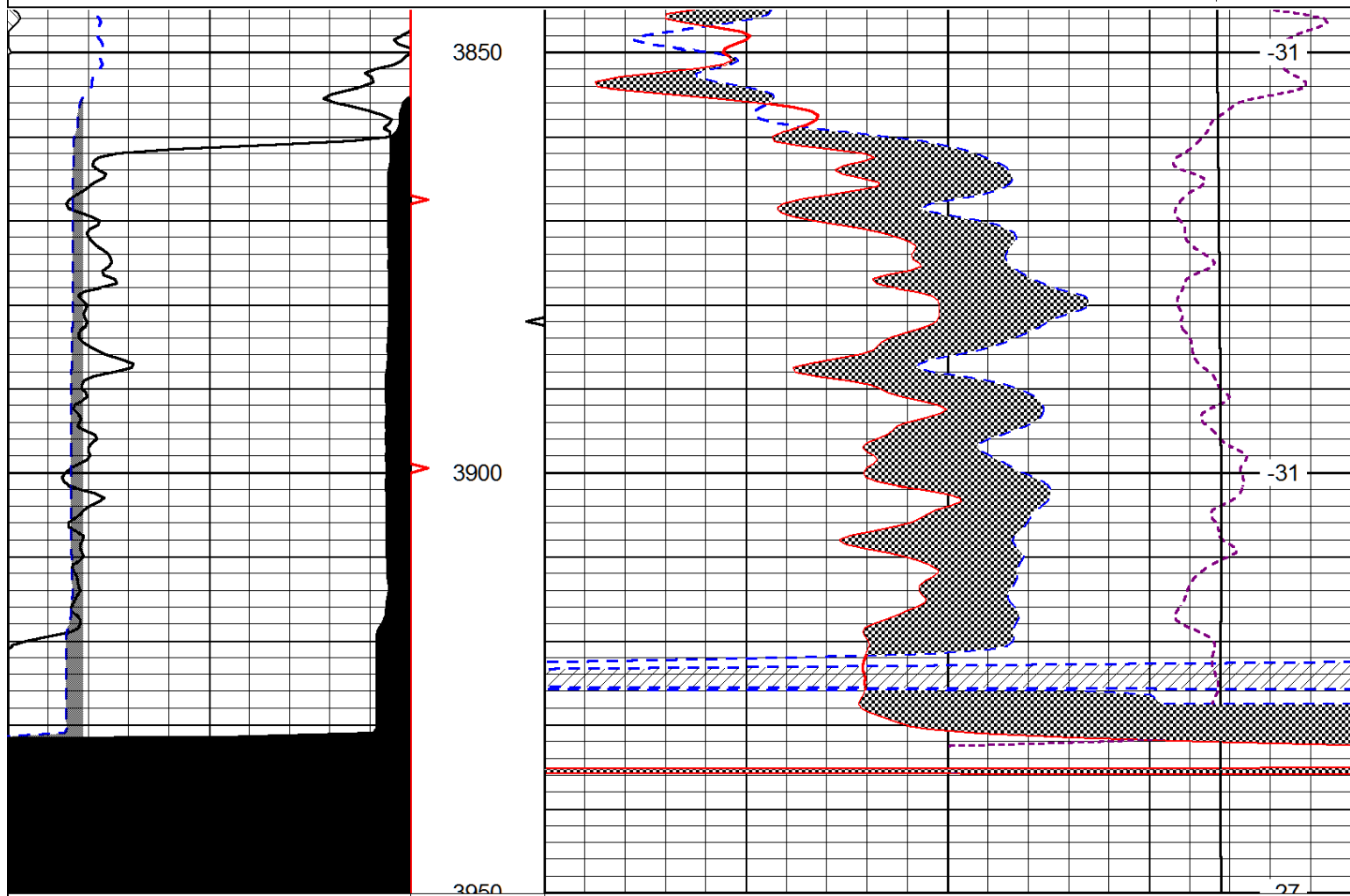
30	Compensated Neutron	-10
30	Compensated Density	-10
15000	Line Tension	0
-0.25	Correction	0.25
	LSPD	

Dolomite Matrix (2.87)

Database File: Id Ivan_1_1hd.db
Dataset Pathname: DIL/Iddol287
Presentation Format: cndldol
Dataset Creation: Thu May 22 15:40:24 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron	-10
30	Compensated Density	-10
15000	Line Tension	0
-0.25	Correction	0.25
LSPD		



0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron	-10
30	Compensated Density	-10
15000	Line Tension	0
-0.25	Correction	0.25
LSPD		