PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-163-24,099-00-00

Company Trans Pacific Oil Corporation

Well Sparks "A" #5

Field Marcotte

County Rooks State Kansas

Location 3,330' FSL & 1,055' FEL

Sec: 10 Twp: 10S Rge: 20W

Other Services: DIL

Elevation: K.B. 2247, D.F. , G.L. 2240

Permanent Datum	Ground Level
Log Measured From	Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing
Date	2/6/2013
Run Number	One
Type Log	CNL / CDL
Depth Driller	3805
Depth Logger	3805
Bottom Logged Interval	3784
Top Logged Interval	3200
Type Fluid In Hole	Chemical
Salinity, PPM CL	2700
Density	9.2
Level	Full
Max. Rec. Temp. F	114
Operating Rig Time	3 Hours
Equipment -- Location	108 Hays
Recorded By	J. Long
Witnessed By	Max Lovely

Borehole Record

Run No.	Bit	From	To
1	12.25	00	222
2	7.875	222	3805

Casing Record

Size	Wgt.	From	To
8.625	24#	00	222

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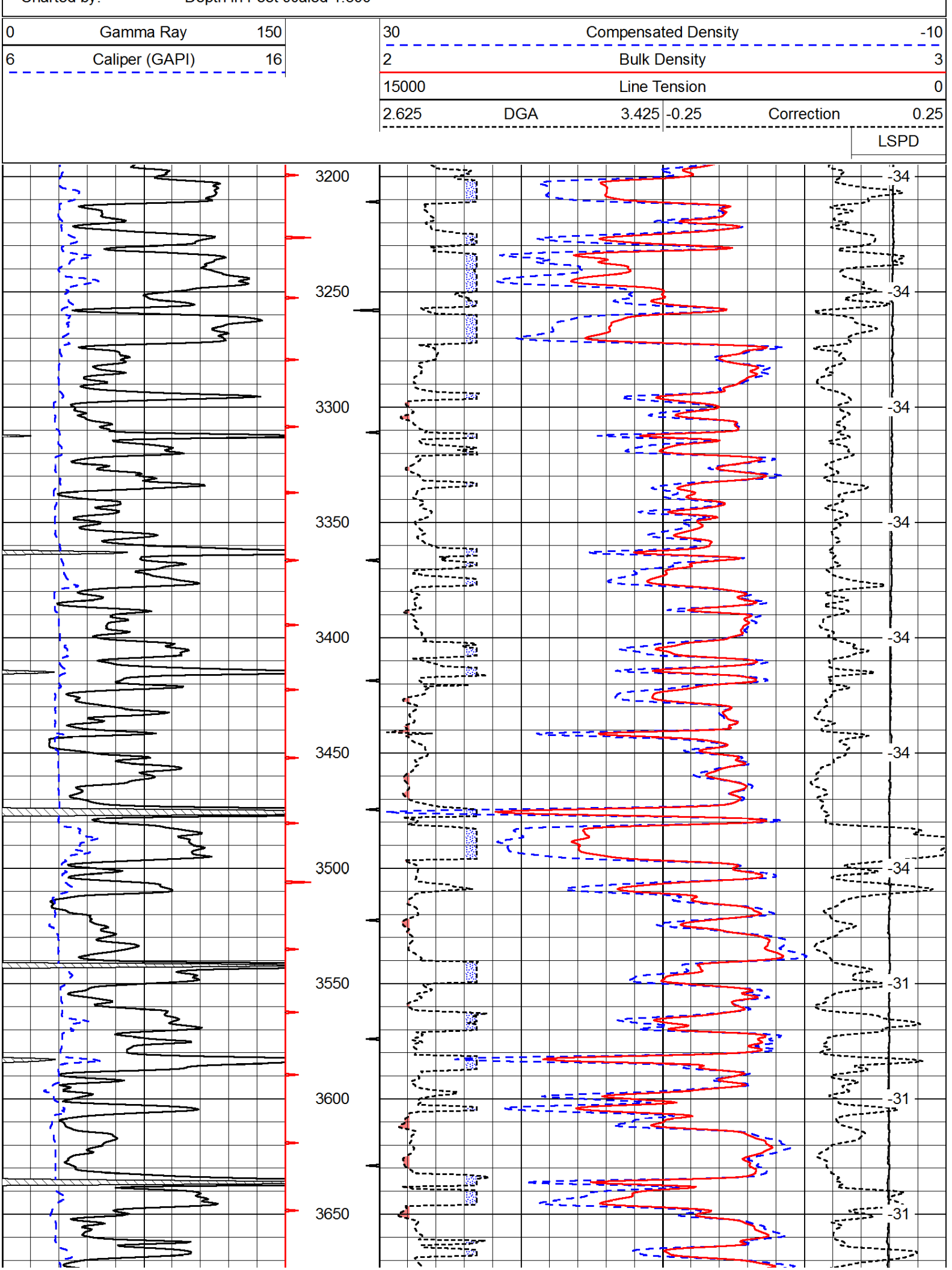
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

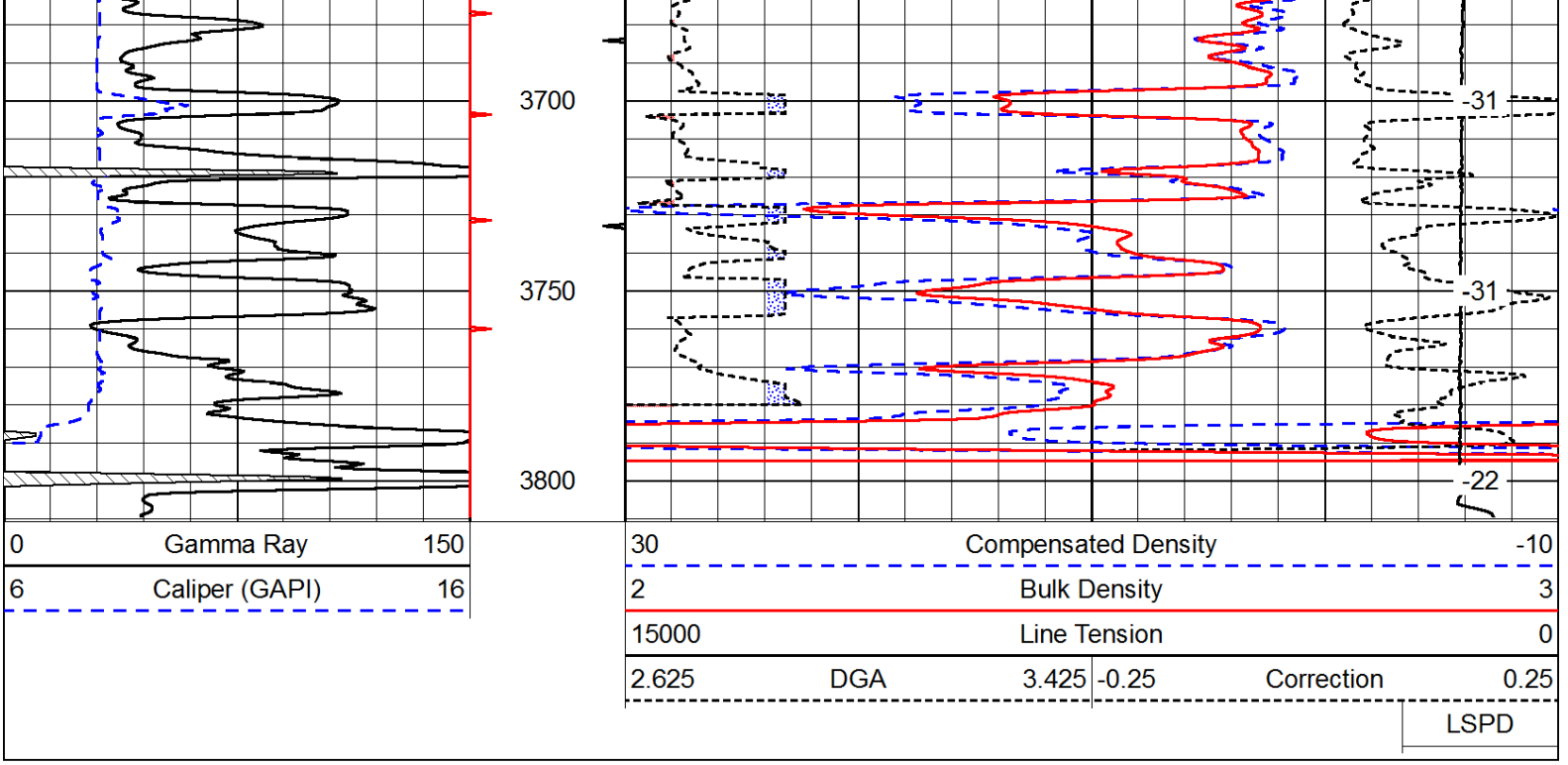
Comments

Thank you for using Pioneer Energy Services
www.pioneeres.com
785 625 3858

Zurich, West to 5 Road, South to Z Road, 1/2 West, 1/8 South, East Into (through cattle guard)

Database File:	c:\warrior\data\trans pacific_sparks a #5\transpacific_sparks_a_5hd.db
Dataset Pathname:	dil/transtck
Presentation Format:	cdl
Dataset Creation:	Thu Feb 07 00:35:04 2013
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
2.625 DGA 3.425 -0.25 Correction 0.25
LSPD
3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
-34
-34
-34
-34
-34
-34
-31
-31
-31



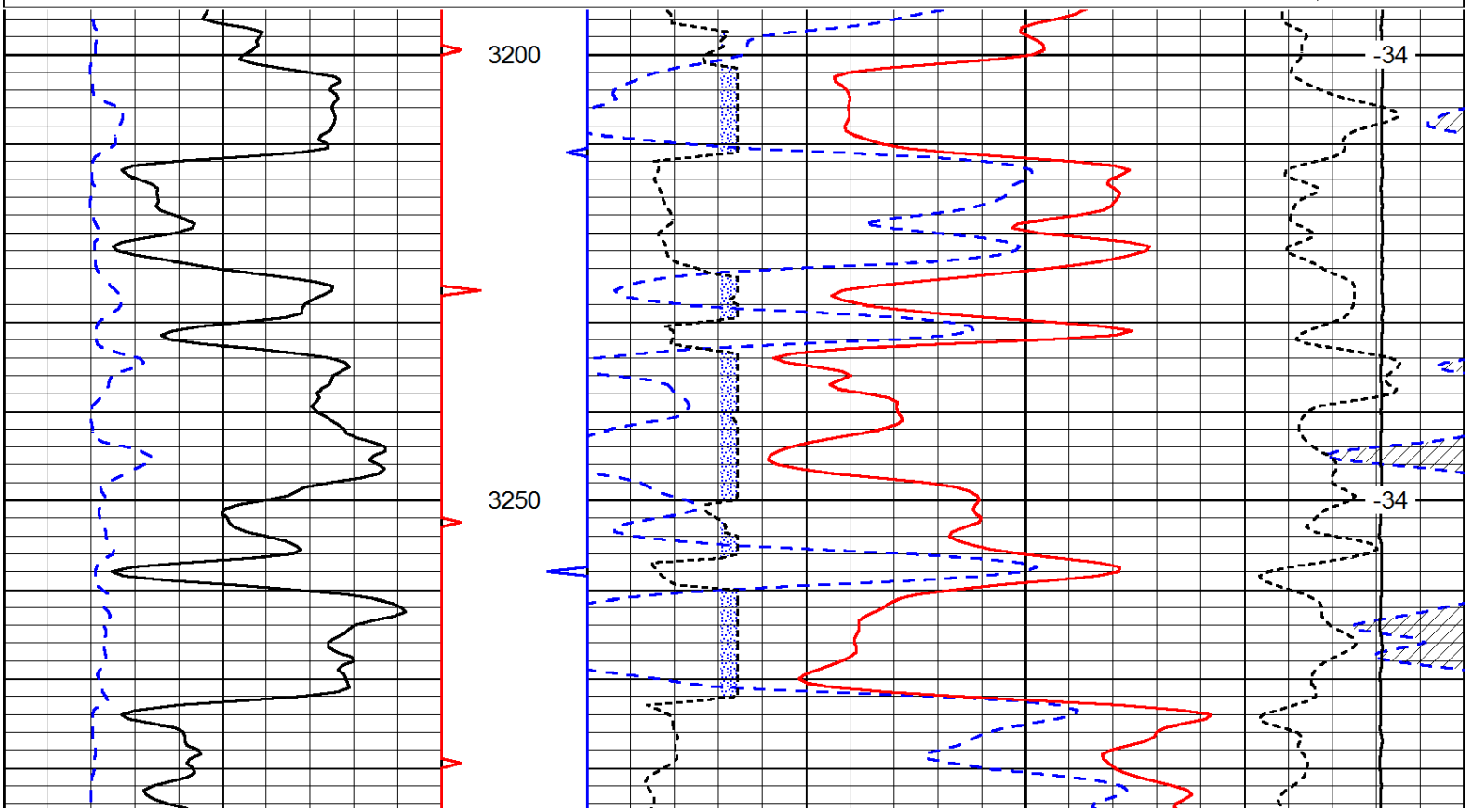
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6	Caliper (GAPI)	16

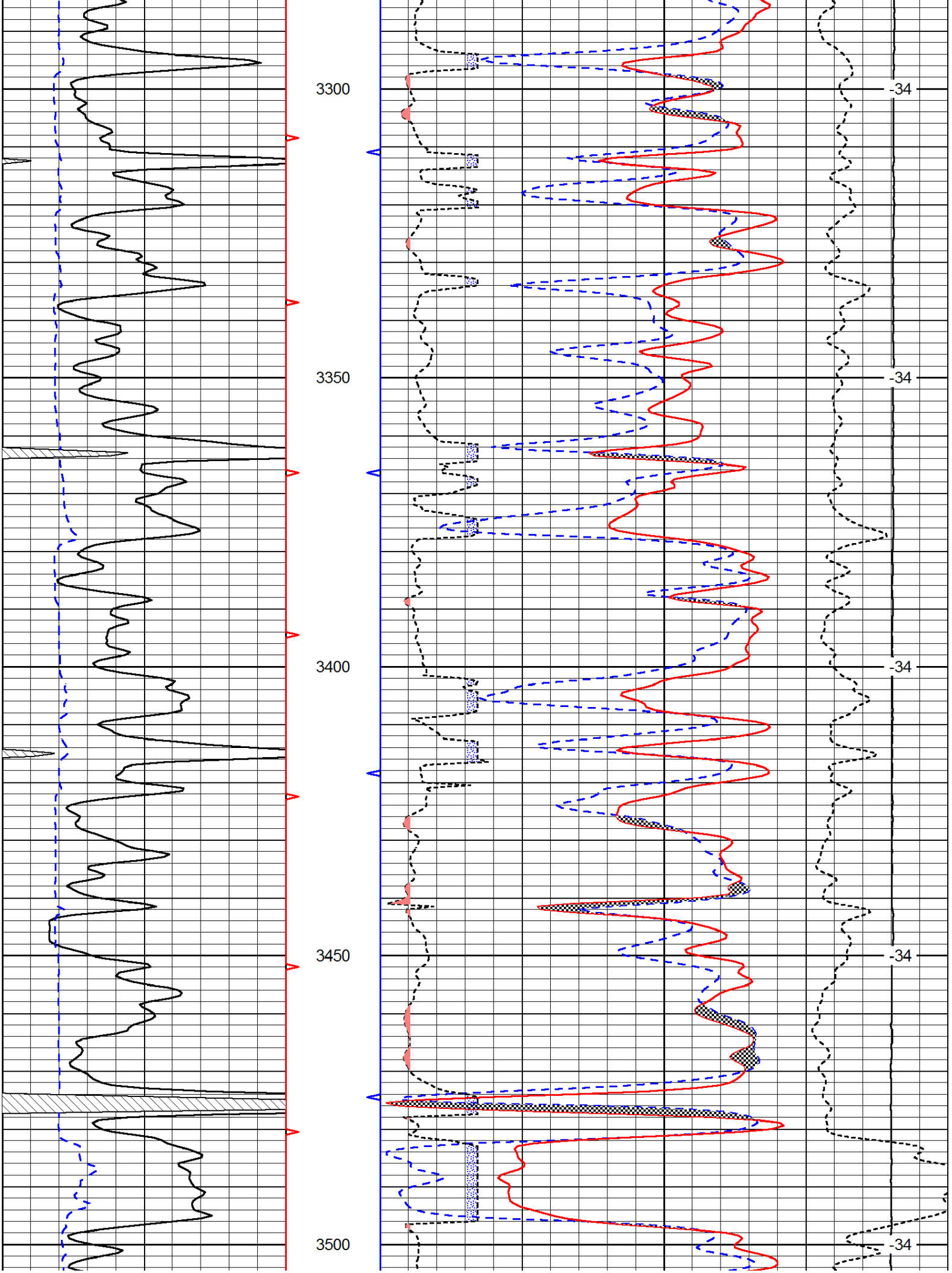
30	Compensated Density				-10
2	Bulk Density				3
15000	Line Tension				0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

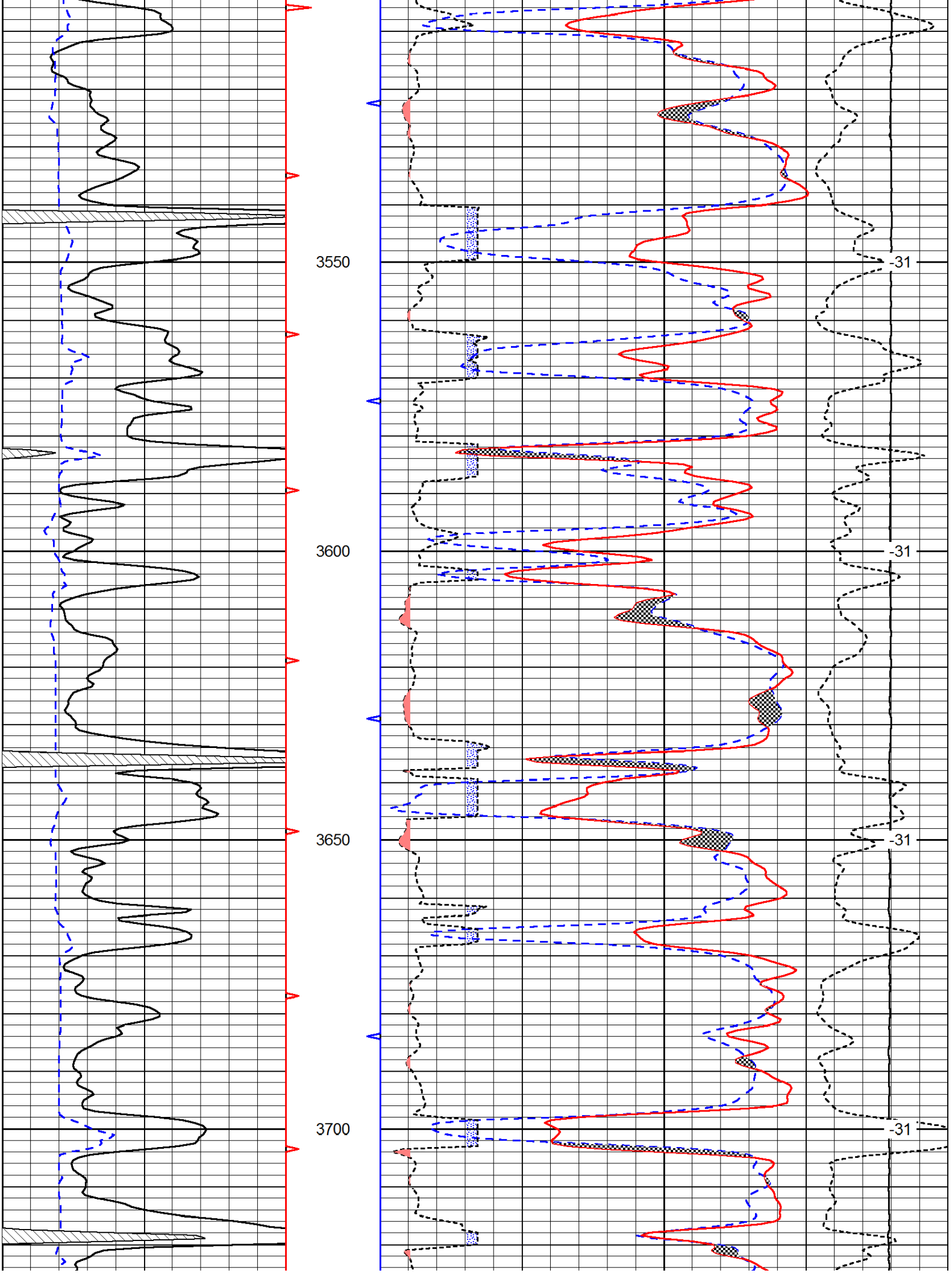
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Dataset Pathname: dil/transtck
Presentation Format: cndlspec
Dataset Creation: Thu Feb 07 00:35:04 2013
Charted by: Depth in Feet scaled 1:240

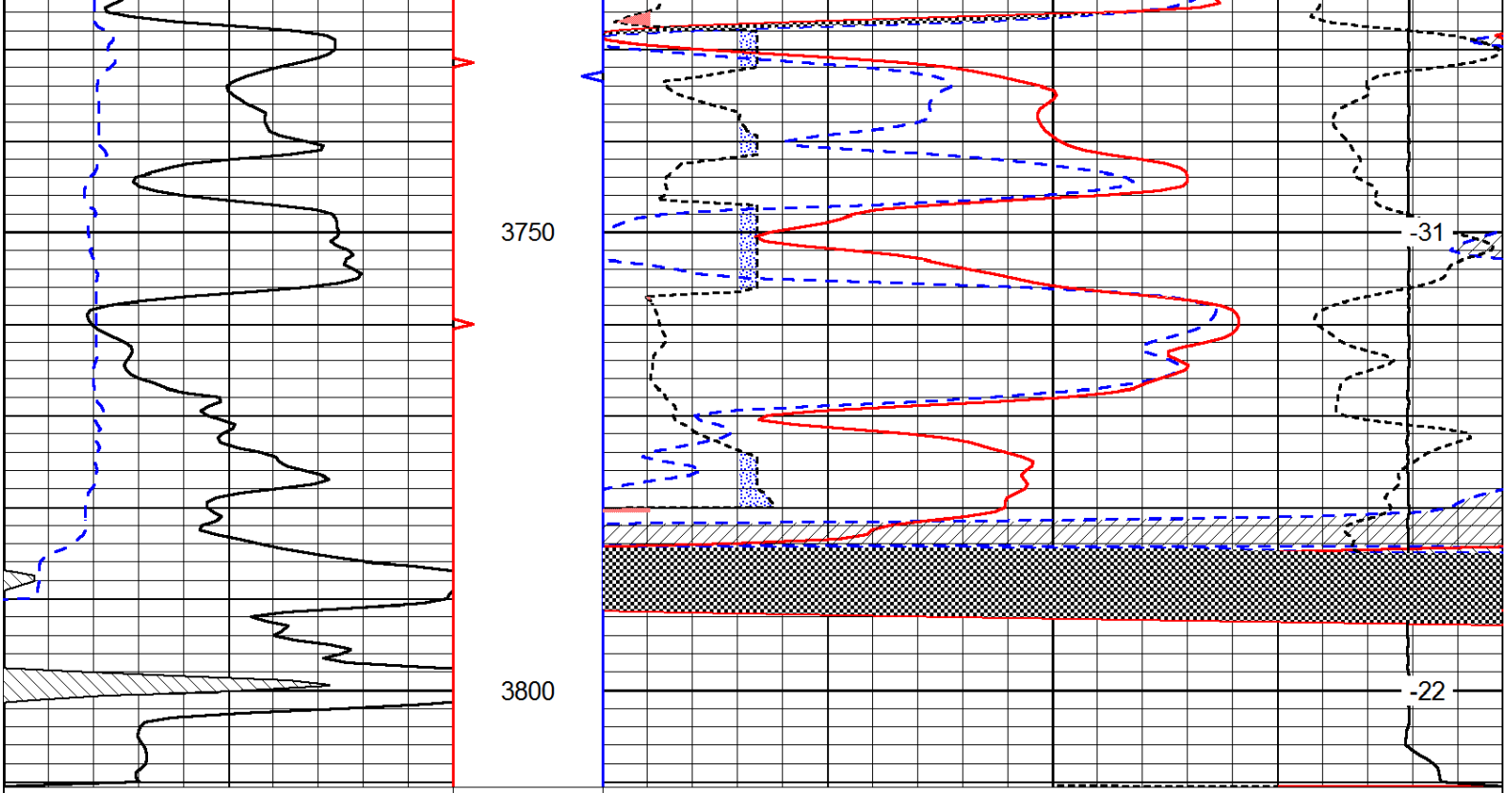
0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0
					LSPD




3300
3350
3400
3450
3500
-34
-34
-34
-34


3550
3600
3650
3700
-31
-31
-31
-31



0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)				-10
30	Compensated Density (Limestone)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension				0

LSPD