LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-065-23,712-00-00

Company: H&C Oil Operating, Inc.
Well: Bakel #30-1
Field: Wildcat
County: Graham State: Kansas

Location: NW SW NW
1650' FNL & 330' FWL
Sec: 30 Twp: 9 S Rge: 24 W

Other Services: DIL, MEL/BHCS

Elevation
K.B. 2574
D.F.
G.L. 2569

Permanent Datum	Ground Level	Elevation 2569
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	

Date	2/2/2011		
Run Number	One		
Type Log	CNL / CDL		
Depth Driller	4174		
Depth Logger	4175		
Bottom Logged Interval	4154		
Top Logged Interval	3550		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	3,000		
Density	9.0		
Level	Full		
Max. Rec. Temp. F	118		
Operating Rig Time	4 Horus		
Equipment -- Location	17	Hays	
Recorded By	T. Martin		
Witnessed By	Marc Downing		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	259	8.625	23#	00	259
Two	7.875	259	TD				

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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

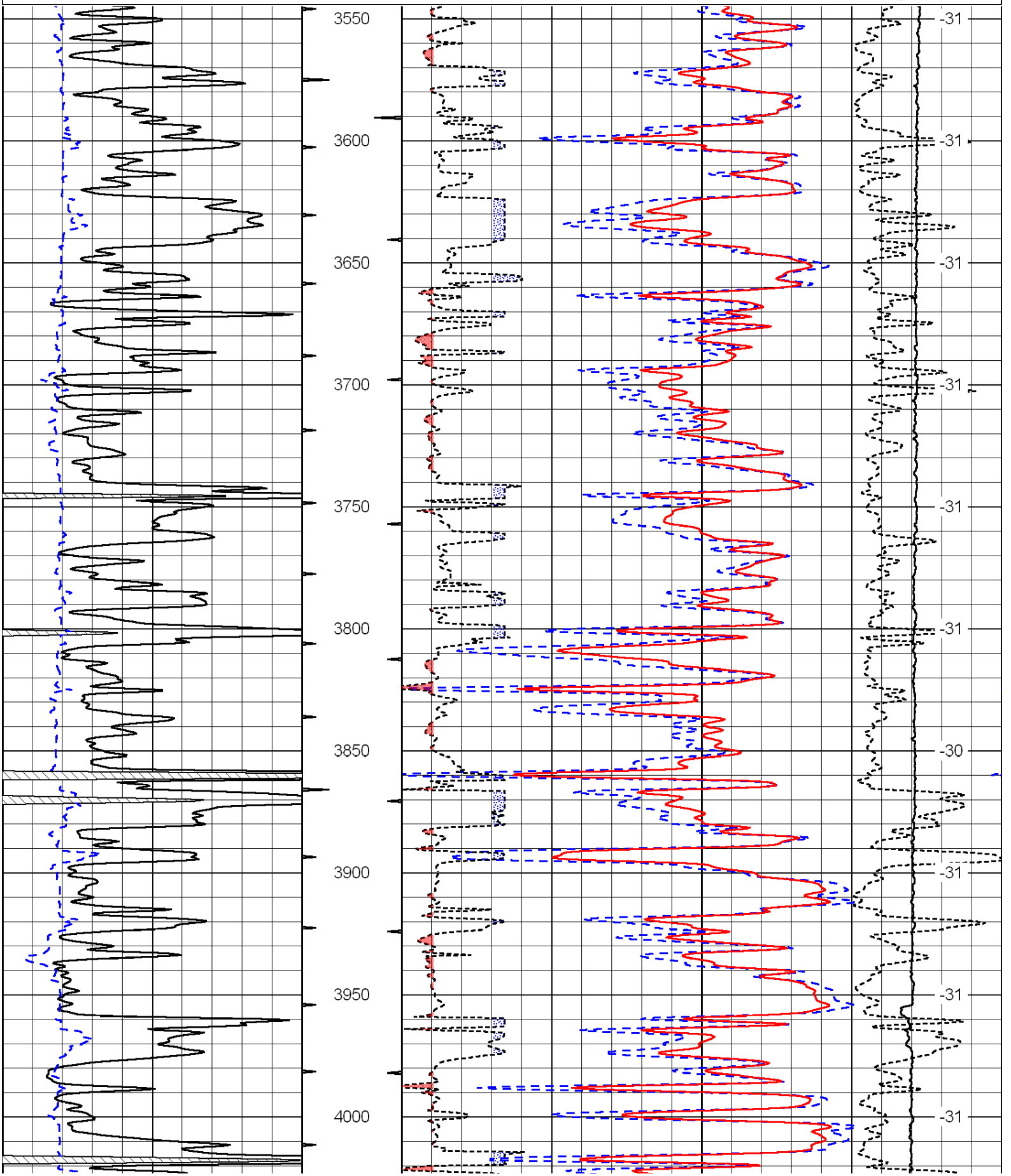
Hill City, S to Redline Rd, approx 12 W to 160 Rd,
1/2 N, E into

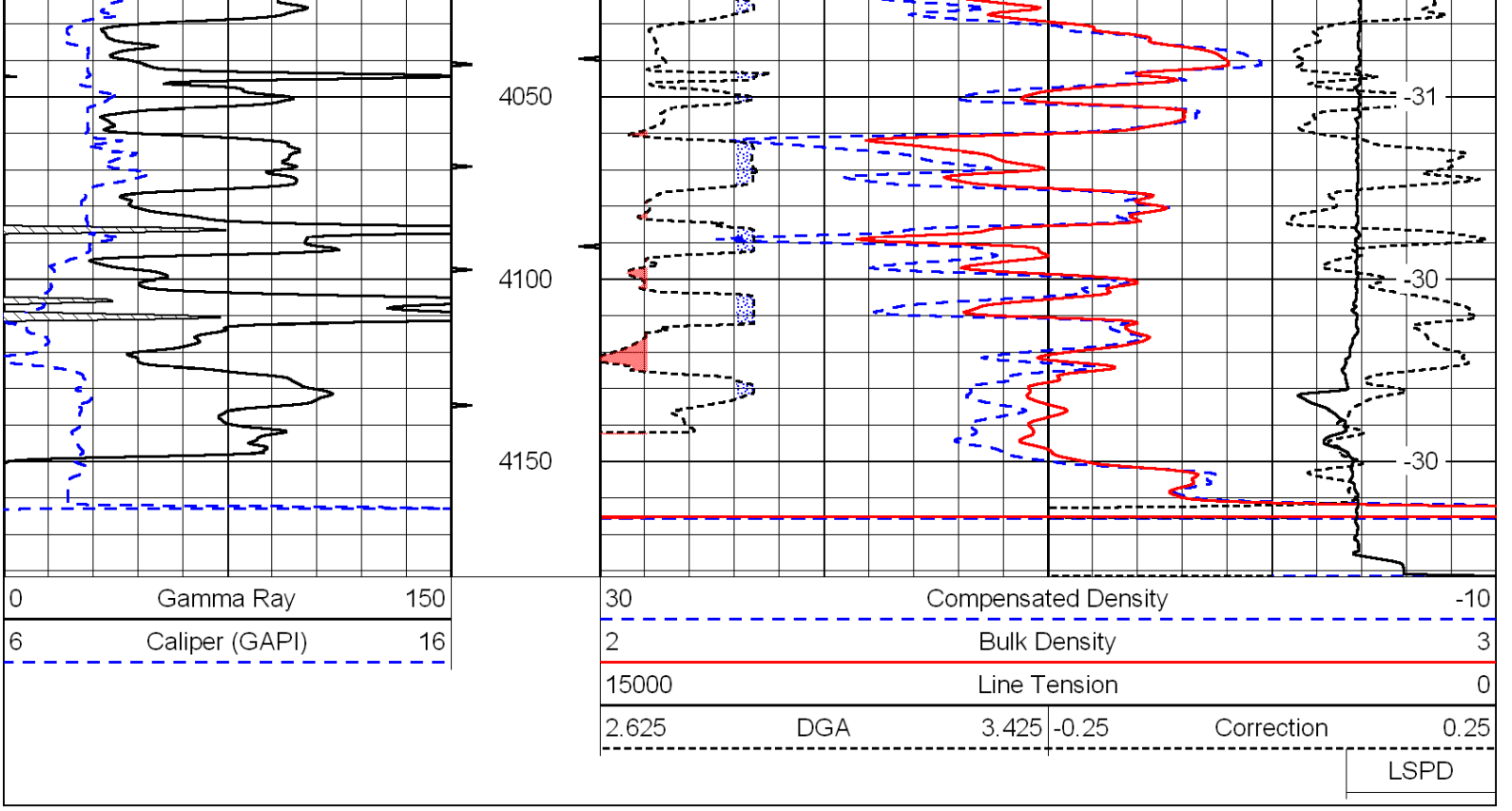
Database File: c:\warrior\data\h&c_bakel #30-1\h&chd.db
Dataset Pathname: dil/hcstk
Presentation Format: cdl
Dataset Creation: Wed Feb 02 23:55:22 2011
Charted by: Depth in Feet scaled 1:600

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





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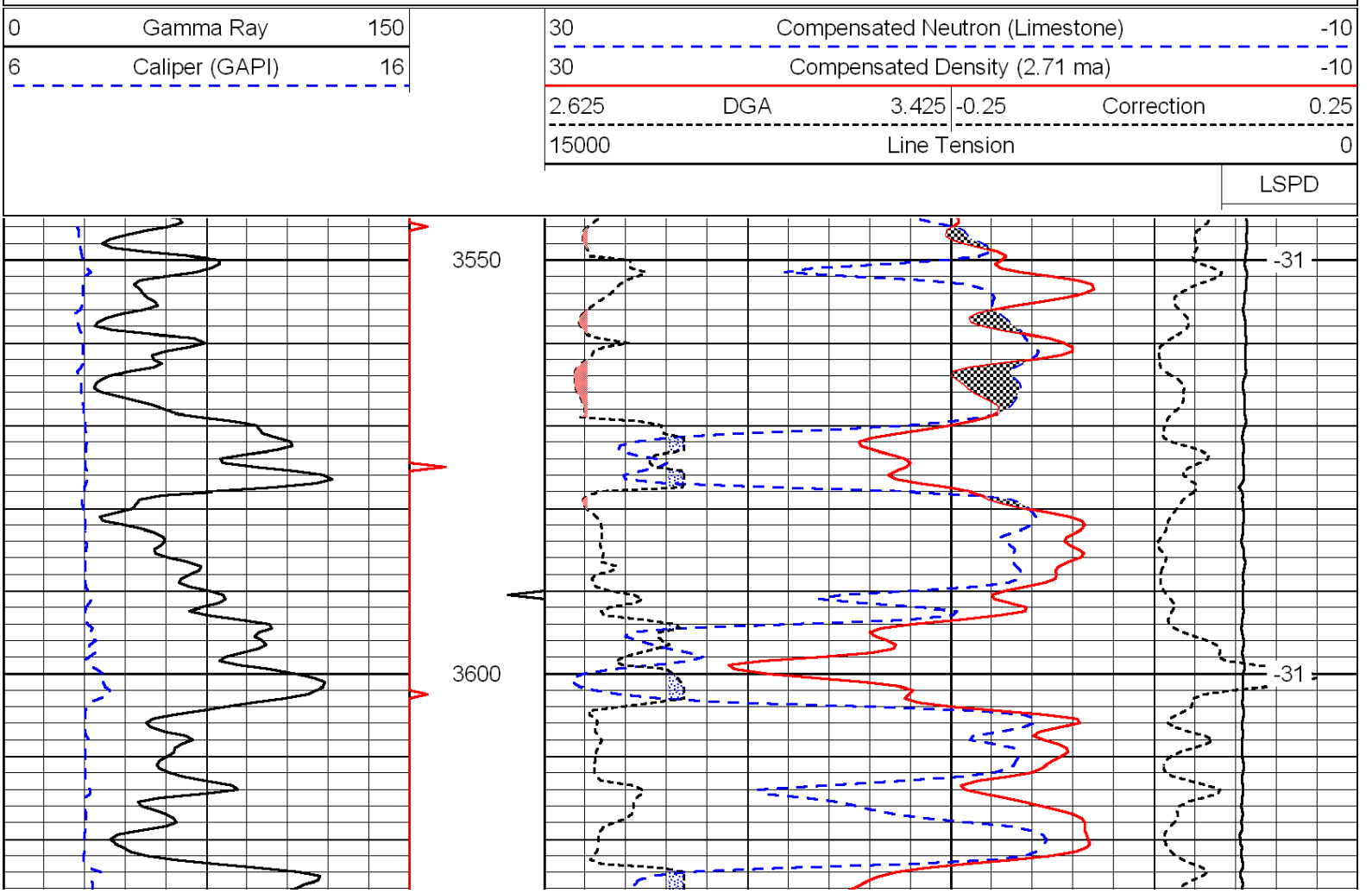
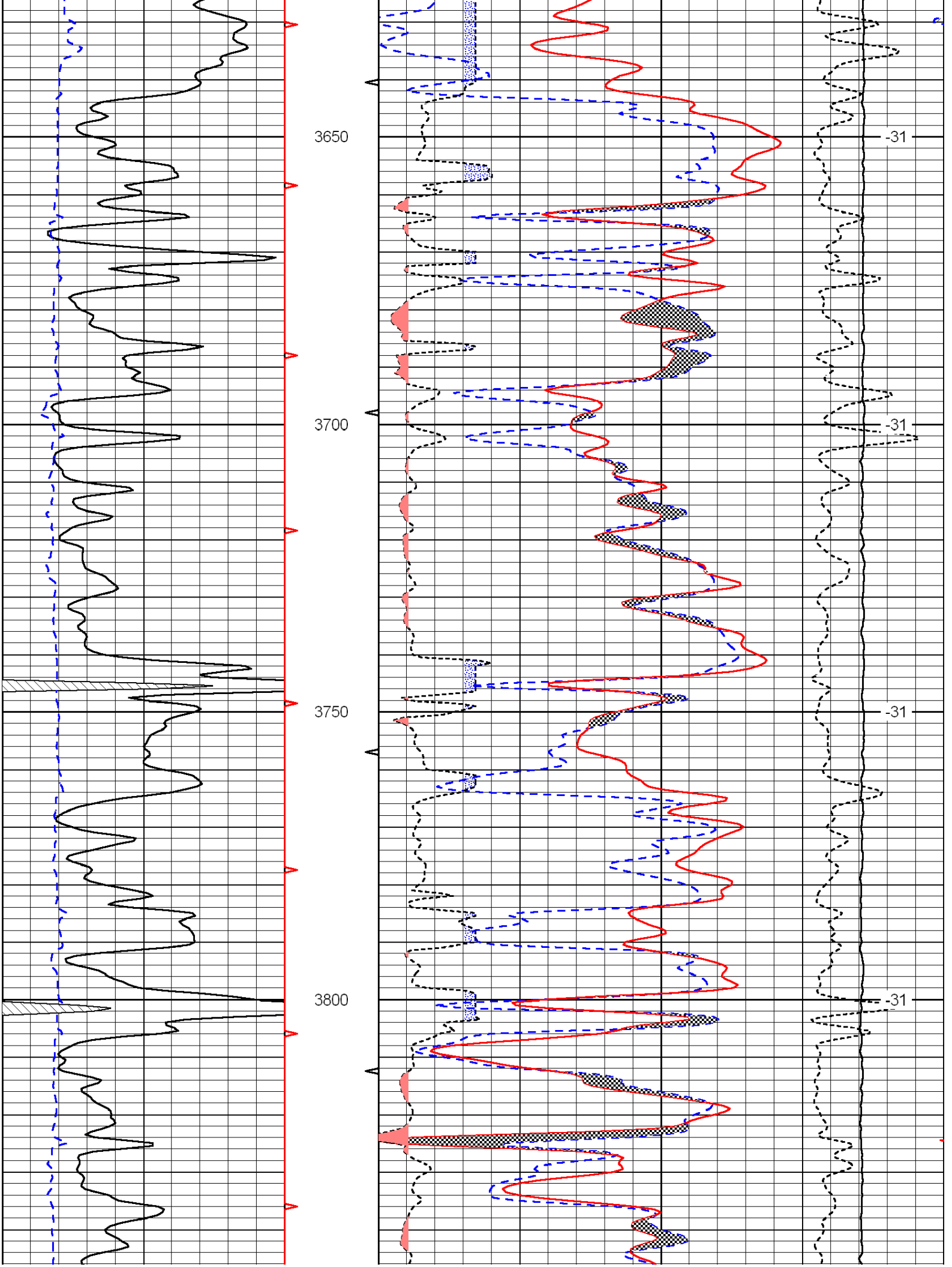
Presentation Format: cndlspec
Dataset Creation: Wed Feb 02 23:55:22 2011
Charted by: Depth in Feet scaled 1:240

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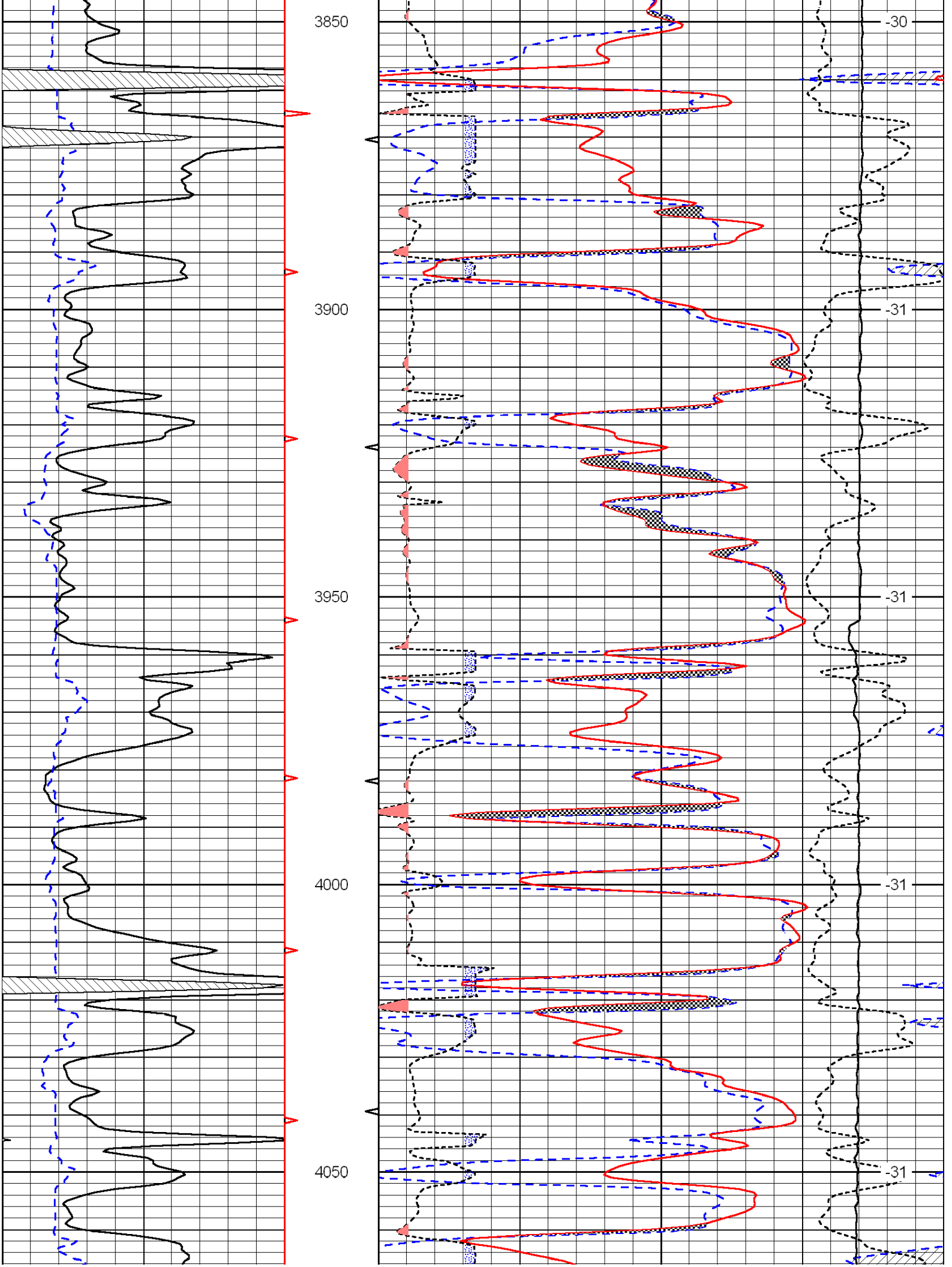
3700
3750
3800
-31
-31
-31
-31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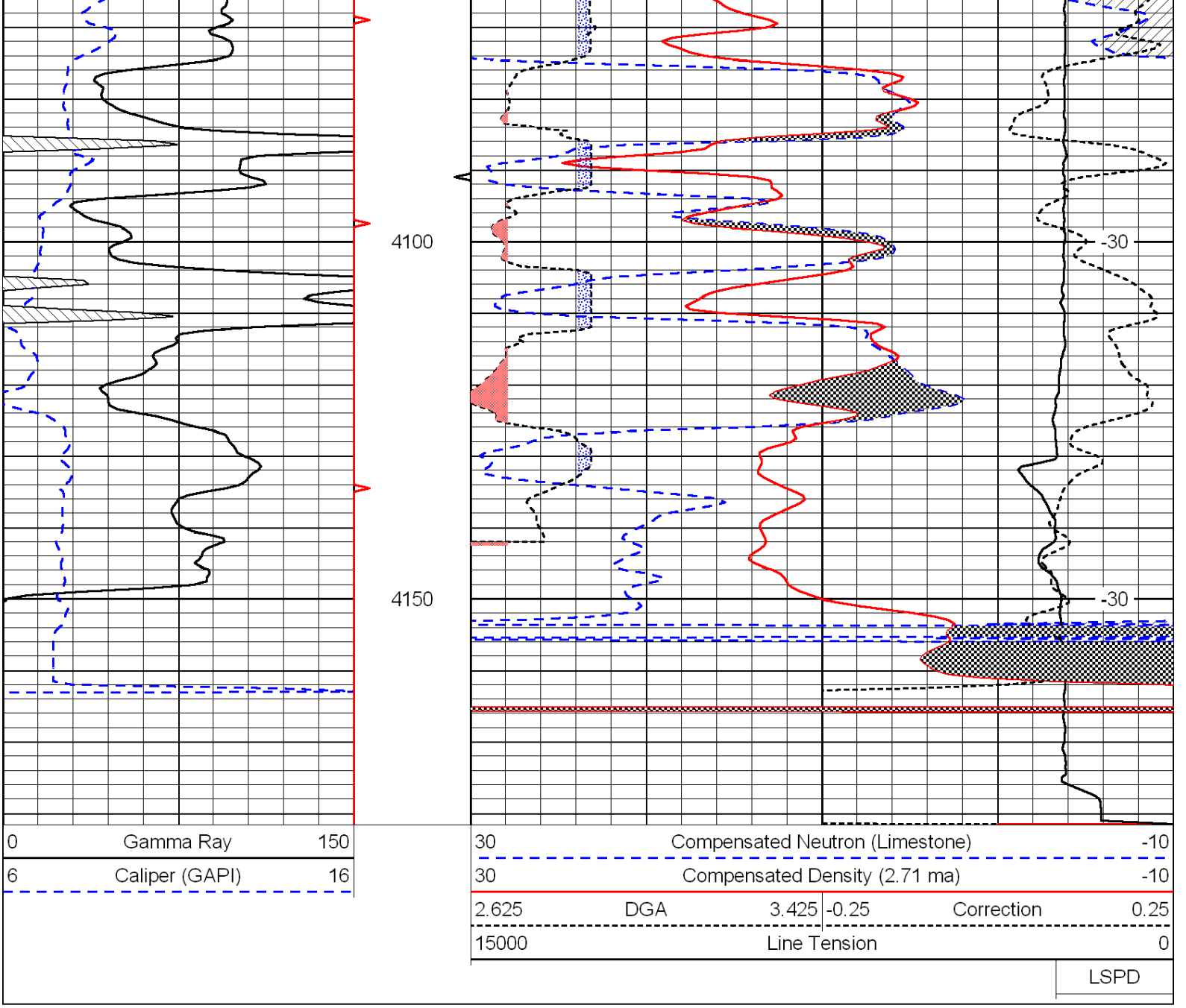
4100
4150
-30
-30
0 Gamma Ray 150
6 Caliper (GAPI) 16
30 Compensated Neutron (Limestone) -10
30 Compensated Density (2.71 ma) -10
2.625 DGA 3.425
-0.25 Correction 0.25
15000 Line Tension 0
LSPD