LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-065-23,657-00-00

Company H & C Oil Operating, Inc.

Well Stowell No 17-1

Field Wildcat

County Graham State Kansas

Location 1450' FNL & 330' FWL

Sec: 17 Twp: 6 S Rge: 23 W

Permanent Datum Ground Level Elevation 2435

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services: DIL, MEL

Elevation: K.B. 2440, D.F., G.L. 2435

Date	7/22/2010
Run Number	One
Type Log	CNL / CDL
Depth Driller	3915
Depth Logger	3917
Bottom Logged Interval	3896
Top Logged Interval	3300
Type Fluid In Hole	Chemical
Salinity, PPM CL	1,600
Density	9.0
Level	Full
Max. Rec. Temp. F	117
Operating Rig Time	4 Hours
Equipment -- Location	4 Hays
Recorded By	K. Bange
Witnessed By	Marc Downing

Borehole Record

Run No.	Bit	From	To
1	12.25	00	267
2	7.875	267	3915

Casing Record

Size	Wgt.	From	To
8.625	24#	00	267

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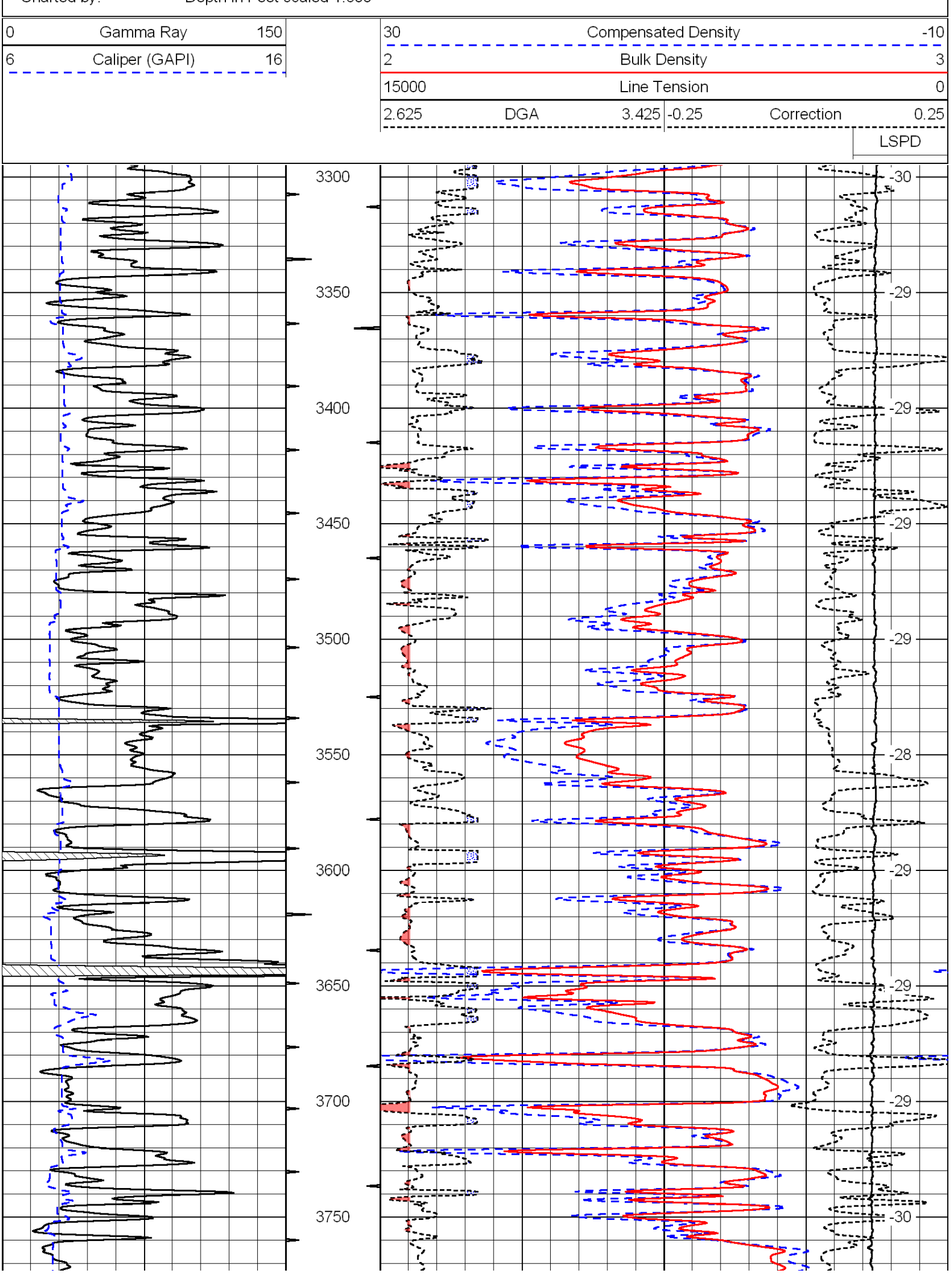
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

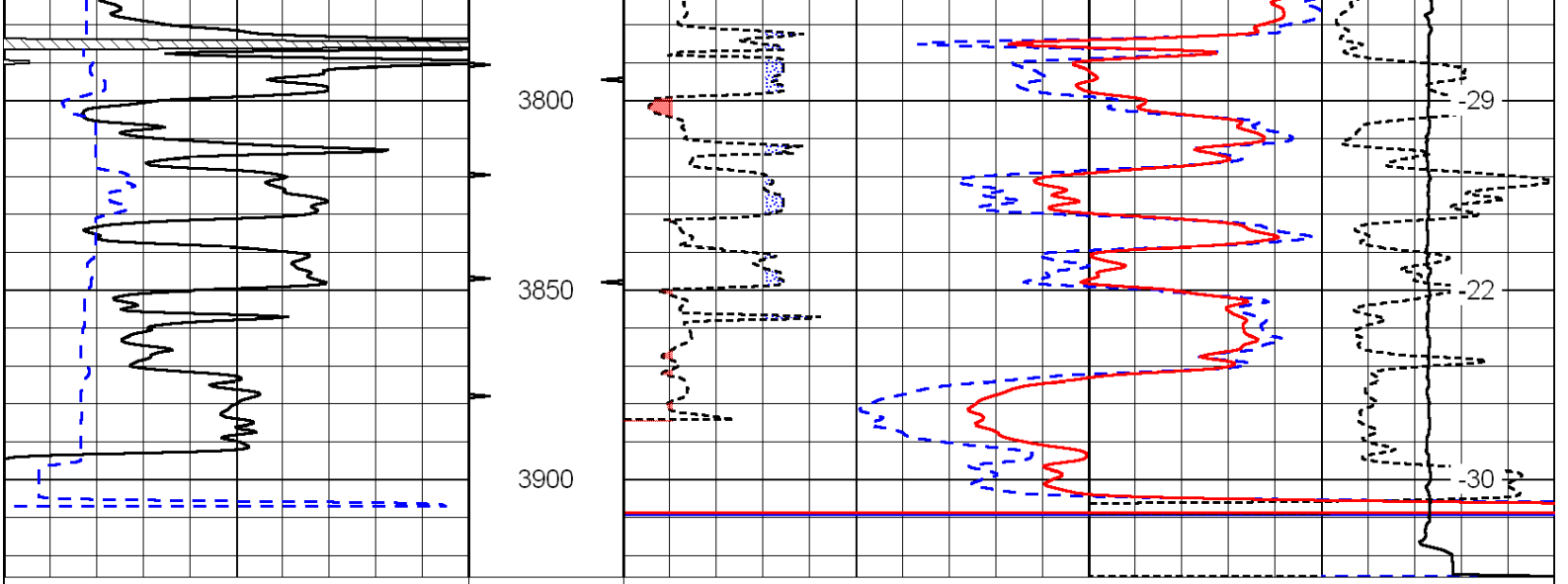
Comments

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

Hill City, 12 N to CC rd, 4 W, 1/2 S, E into

Database File:	c:\warrior\data\h&c_stowell no 17-1\h&chd.db
Dataset Pathname:	dil/hcstack
Presentation Format:	cdl
Dataset Creation:	Thu Jul 22 16:25:35 2010
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
3300
3350
3400
3450
3500
3550
3600
3650
3700
3750
-30
-29
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-29
-29
-28
-29
-29
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-30



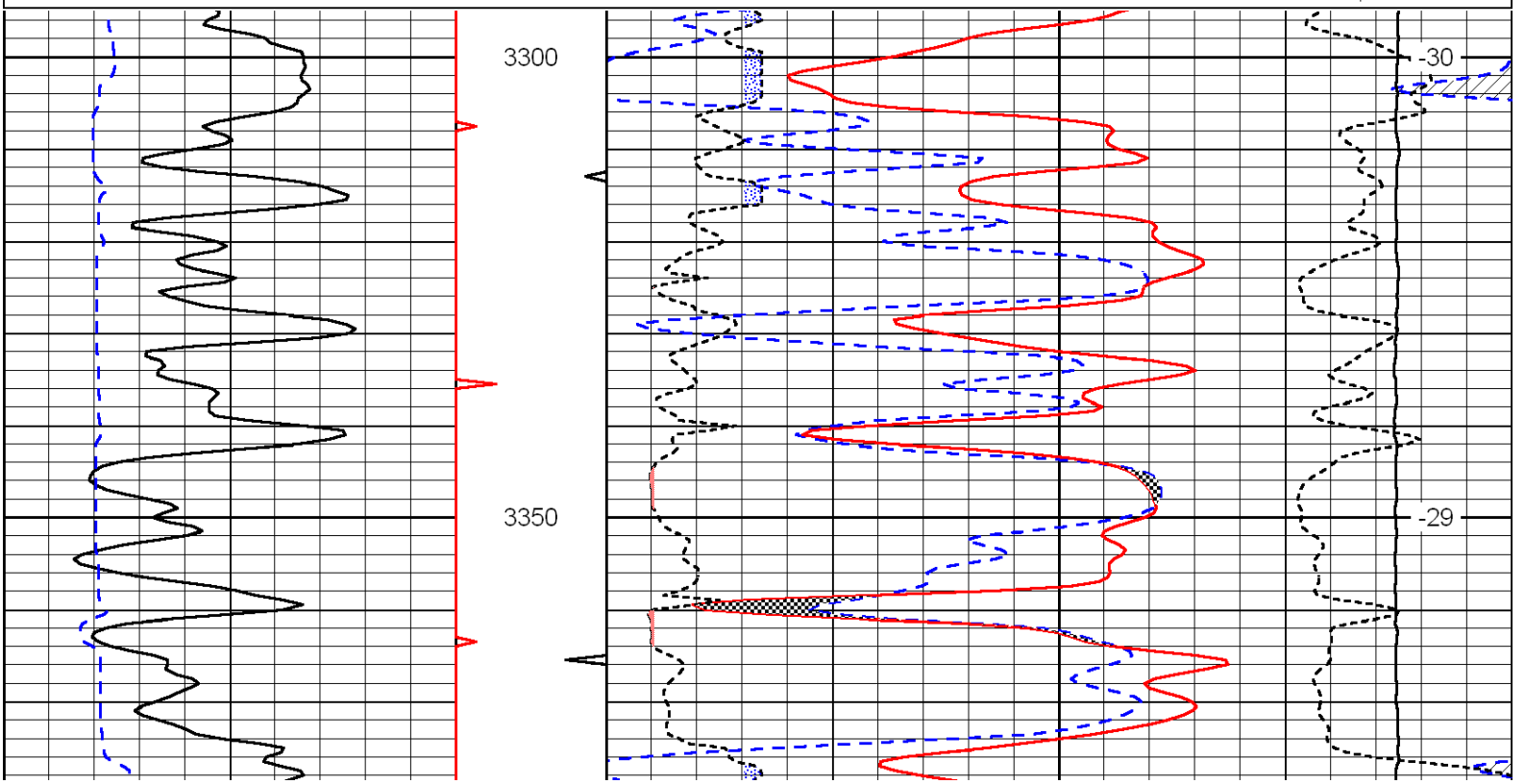
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6	Caliper (GAPI)	16

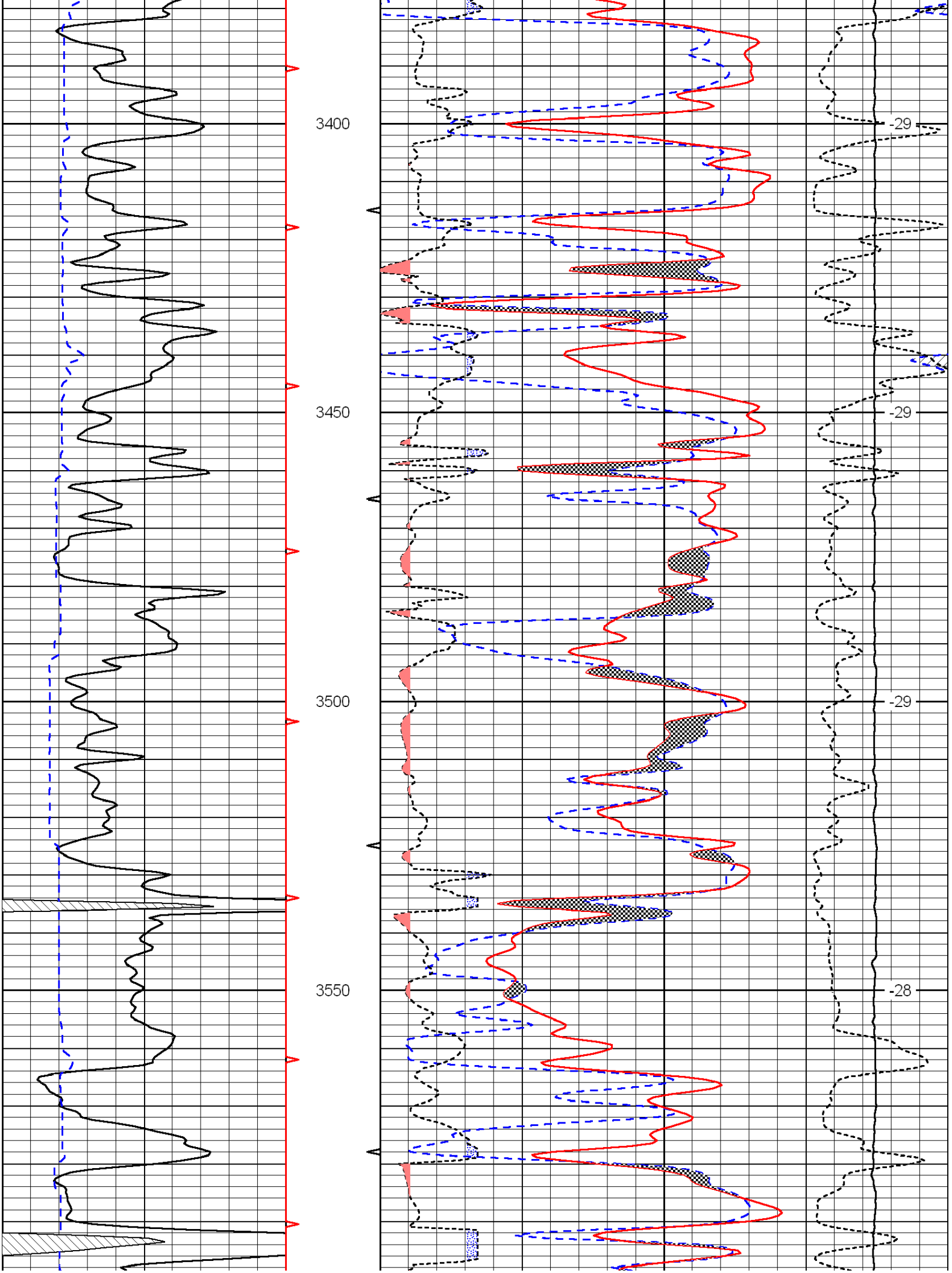
30	Compensated Density				-10
2	Bulk Density				3
15000	Line Tension				0
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD

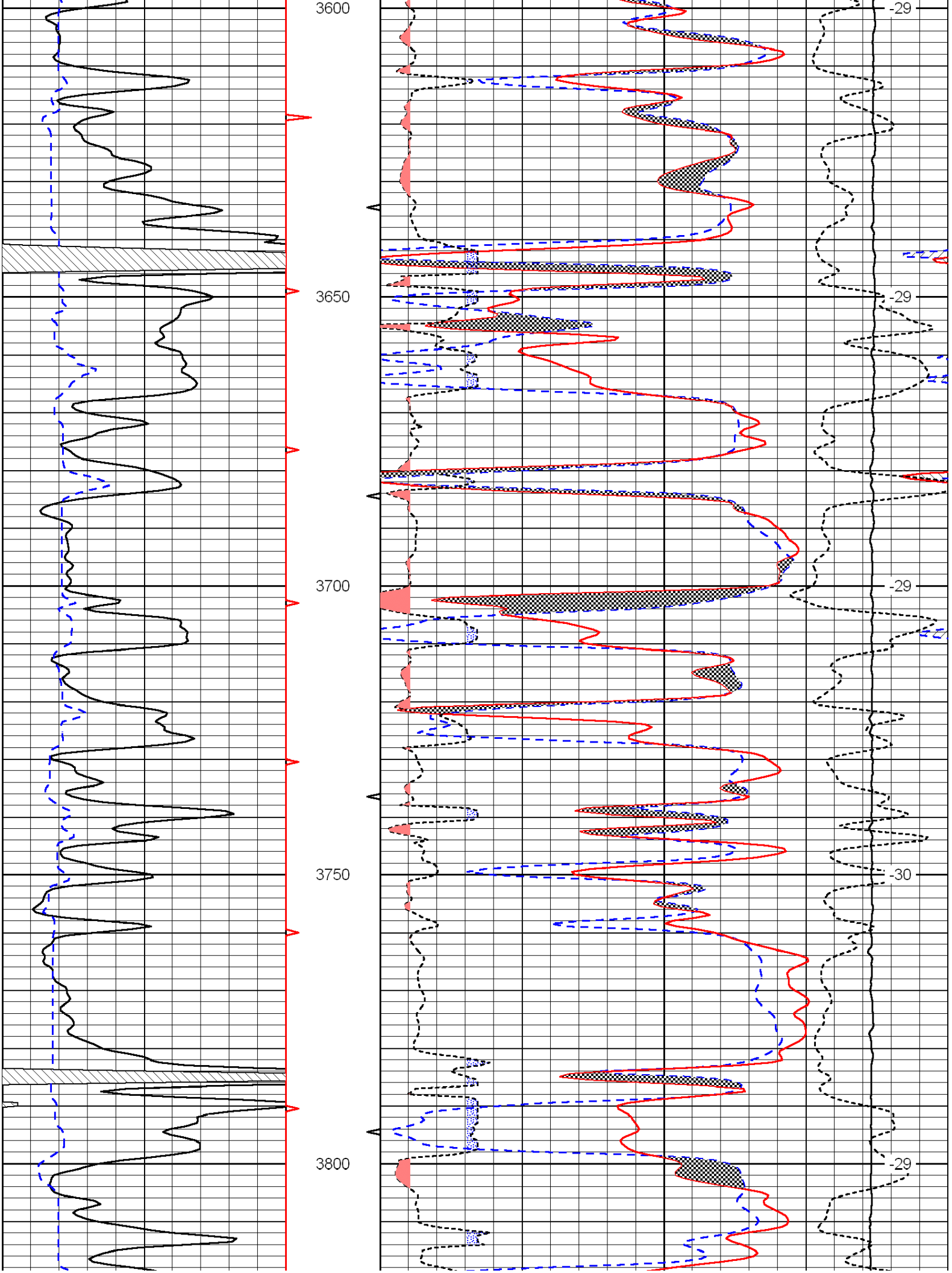
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Charted by:	Depth in Feet scaled 1:240

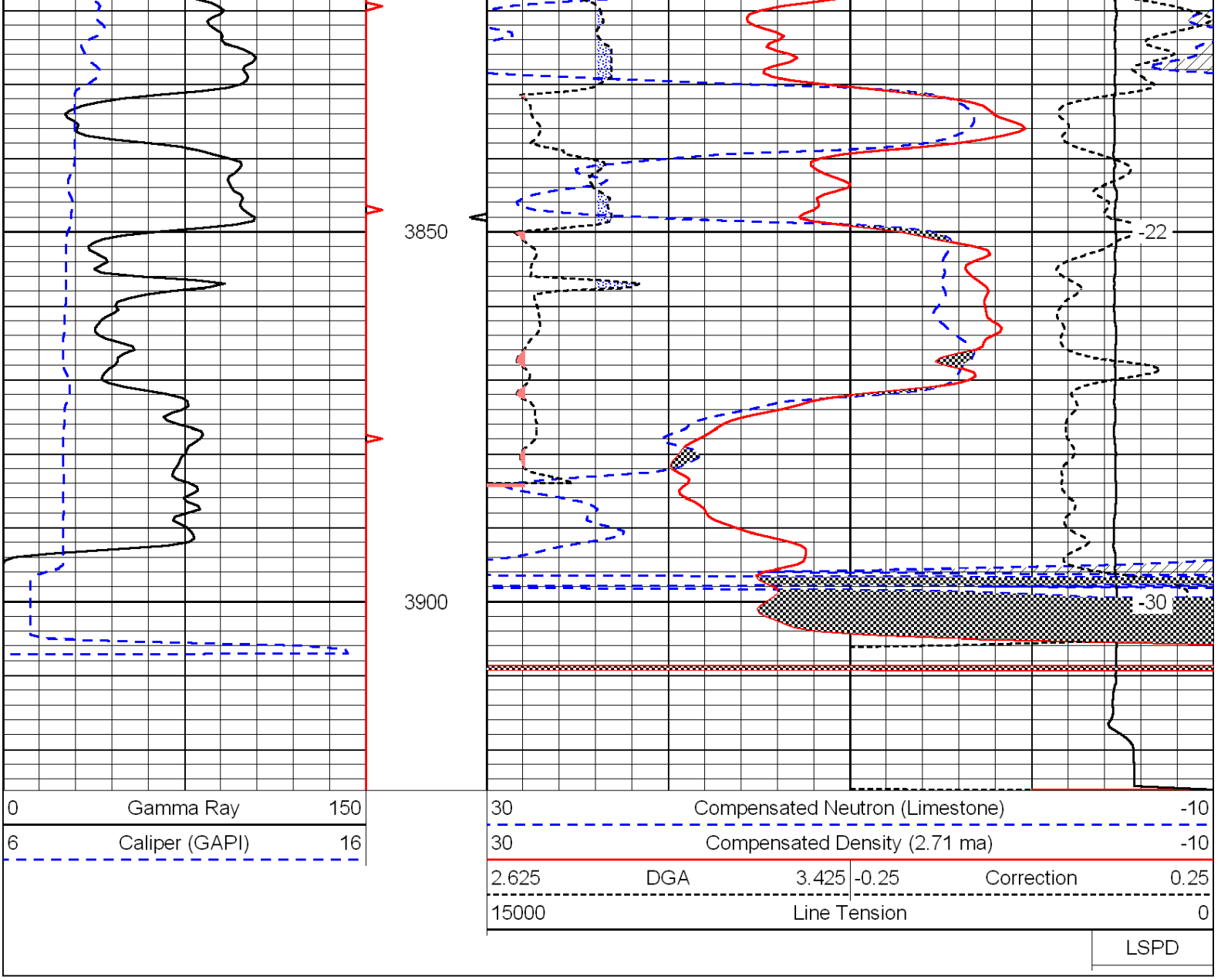
0	Gamma Ray	150
6	Caliper (GAPI)	16

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




3400
3450
3500
3550
-29
-29
-29
-28


3600
3650
3700
3750
3800
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-30
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