LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-051-25,898-00-00

Company Raymond Oil Co.

Well Pfeifer No. 1

Field Wildcat

County Ellis State Kansas

Location 968' FSL & 1712' FWL

Sec: 14 Twp: 12 S Rge: 19 W

Permanent Datum	Ground Level	Elevation 2230	
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		

Other Services
DIL
MEL/BHCS

Elevation
K.B. 2235
D.F.
G.L. 2230

Date	9/23/2009
Run Number	One
Type Log	CNL / CDL
Depth Driller	3940
Depth Logger	3940
Bottom Logged Interval	3919
Top Logged Interval	3000
Type Fluid In Hole	Chemical
Salinity, PPM CL	4,800
Density	9.0
Level	Full
Max. Rec. Temp. F	115
Operating Rig Time	5 Hours
Equipment -- Location	15 Hays
Recorded By	B. Becker
Witnessed By	Kevin Kessler

Borehole Record

Run No	Bit	From	To
1	12.25	00	217
2	7.875	217	3940

Casing Record

Size	Wgt.	From	To
8.625	24#	00	217

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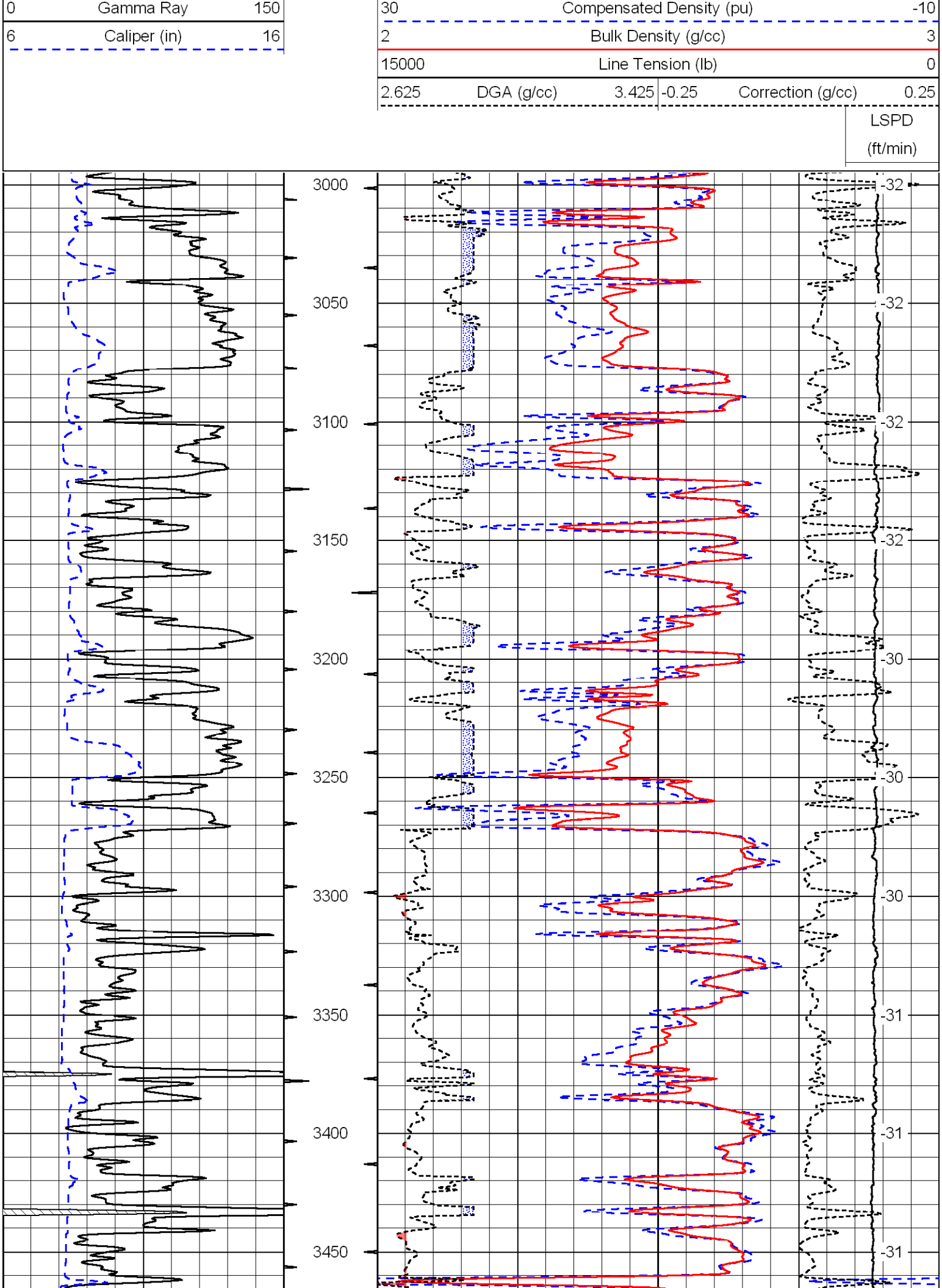
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

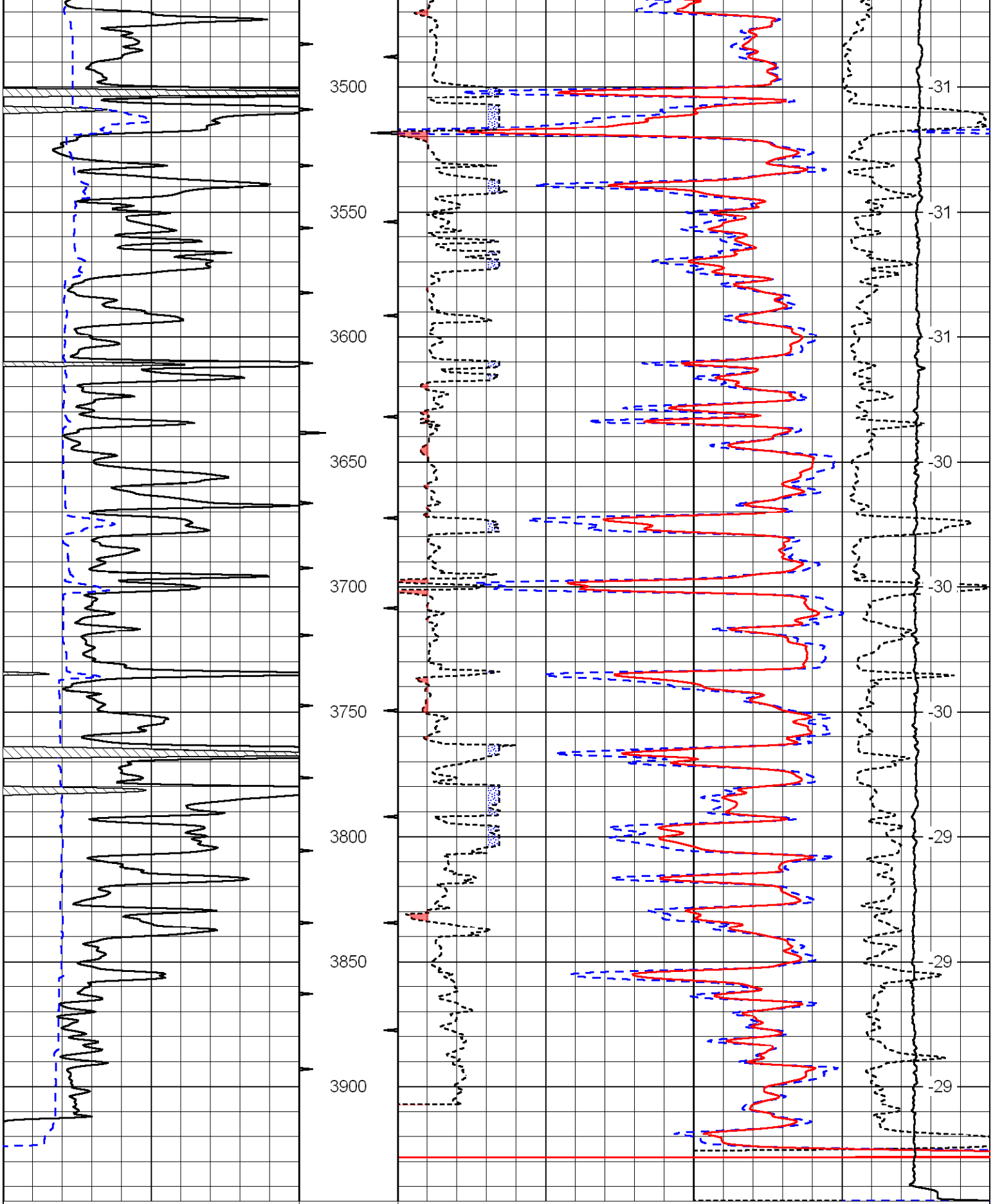
Comments

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

Hays, Ks; North to Buckeye Rd;
4-1/2 West; North Into

Database File: c:\warrior\data\raymond_pfeifer no. 1\rayhd.db
Dataset Pathname: DIL/raystk
Presentation Format: cdl
Dataset Creation: Wed Sep 23 19:40:01 2009
Charted by: Depth in Feet scaled 1:600


0 Gamma Ray 150
6 Caliper (in) 16
30 Compensated Density (pu) -10
2 Bulk Density (g/cc) 3
15000 Line Tension (lb) 0
2.625 DGA (g/cc) 3.425
-0.25 Correction (g/cc) 0.25
LSPD
(ft/min)
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
-32
-32
-32
-30
-30
-30
-31
-31
-31



0	Gamma Ray	150
6	Caliper (in)	16
30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
15000	Line Tension (lb)	0
2.625	DGA (g/cc)	3.425
-0.25	Correction (g/cc)	0.25

LSPD

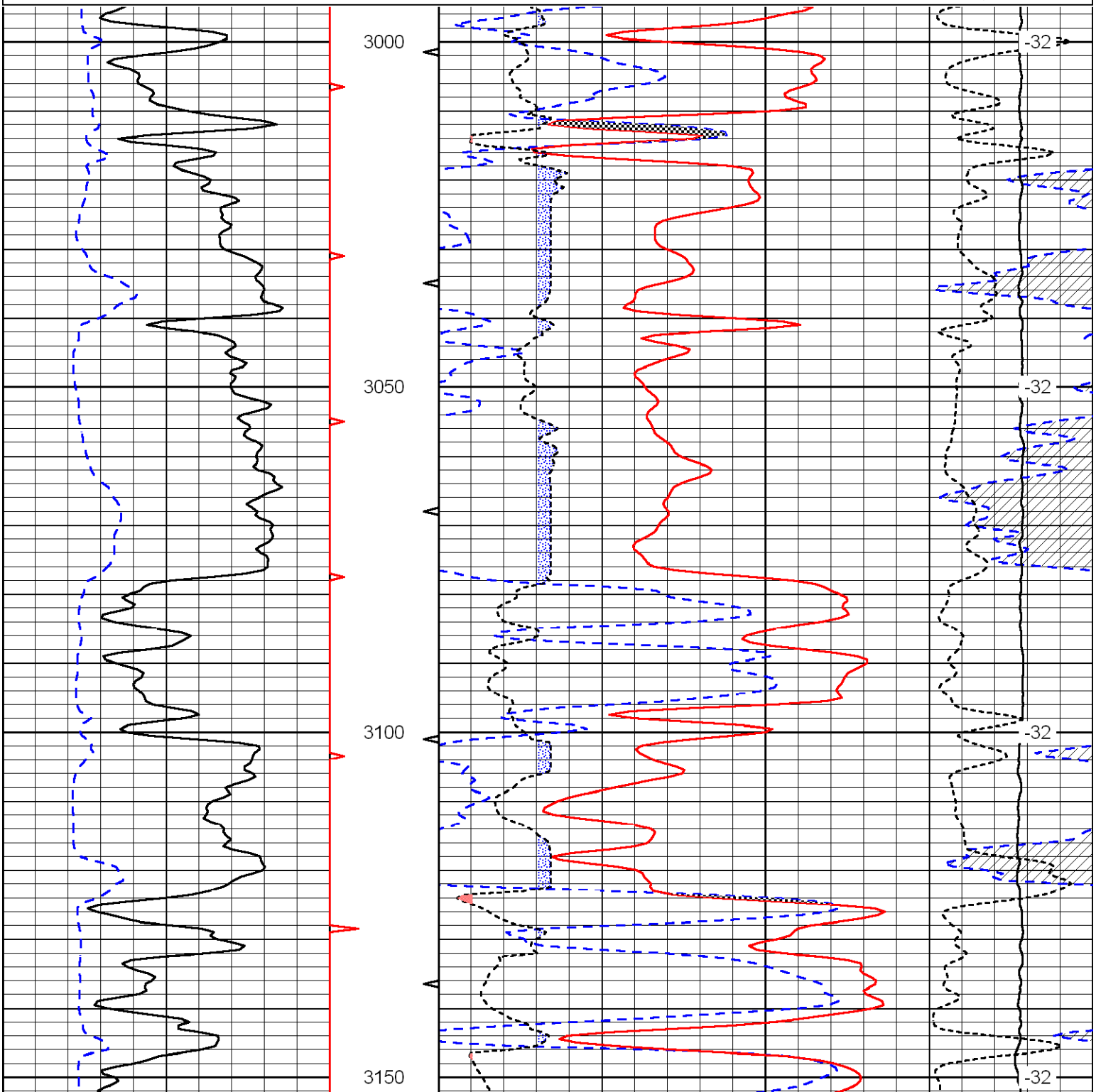
(ft/min)

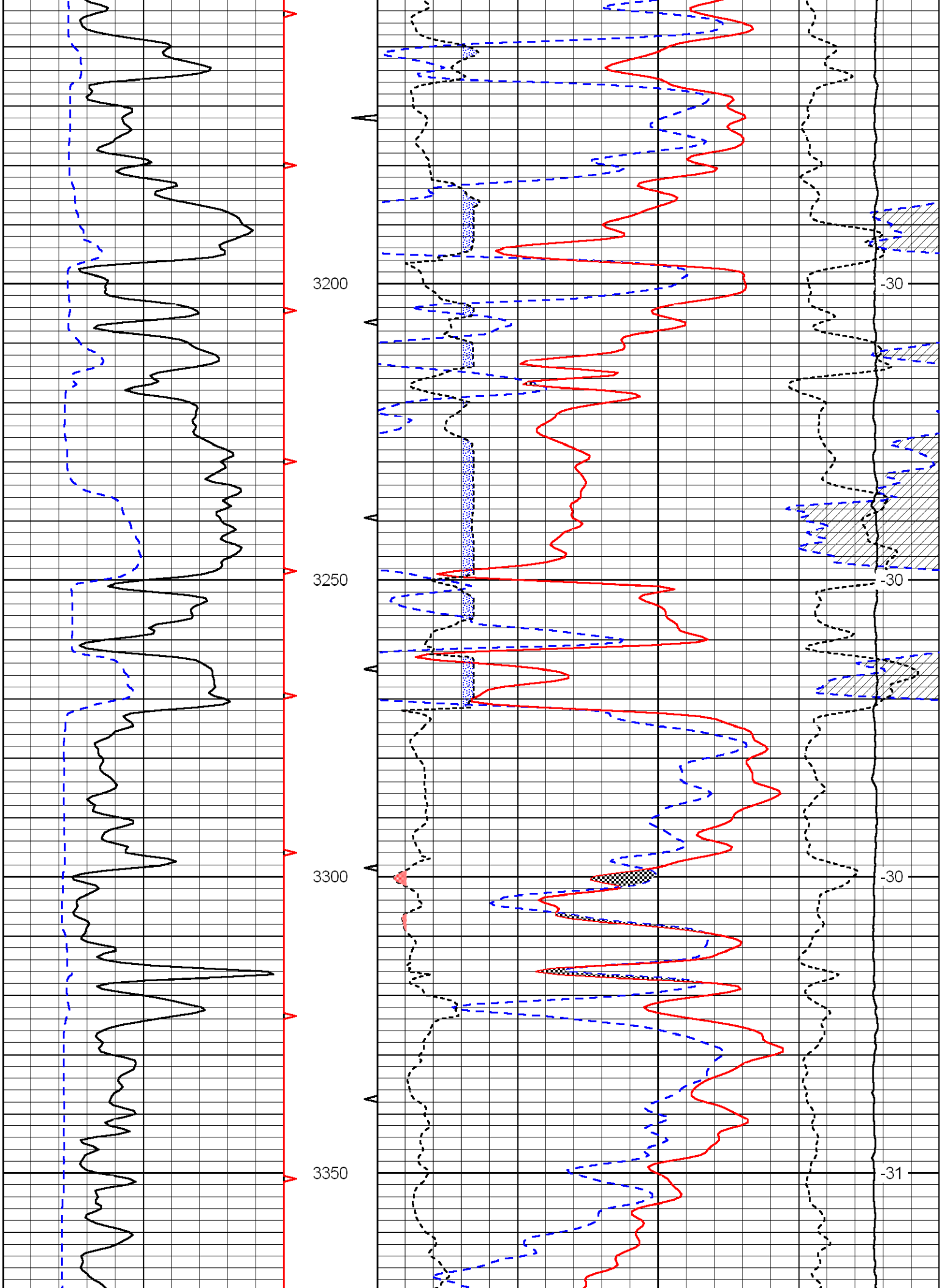
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Dataset Pathname:	DIL/raystk
Presentation Format:	cndlspec
Dataset Creation:	Wed Sep 23 19:40:01 2009
Charted by:	Depth in Feet scaled 1:240

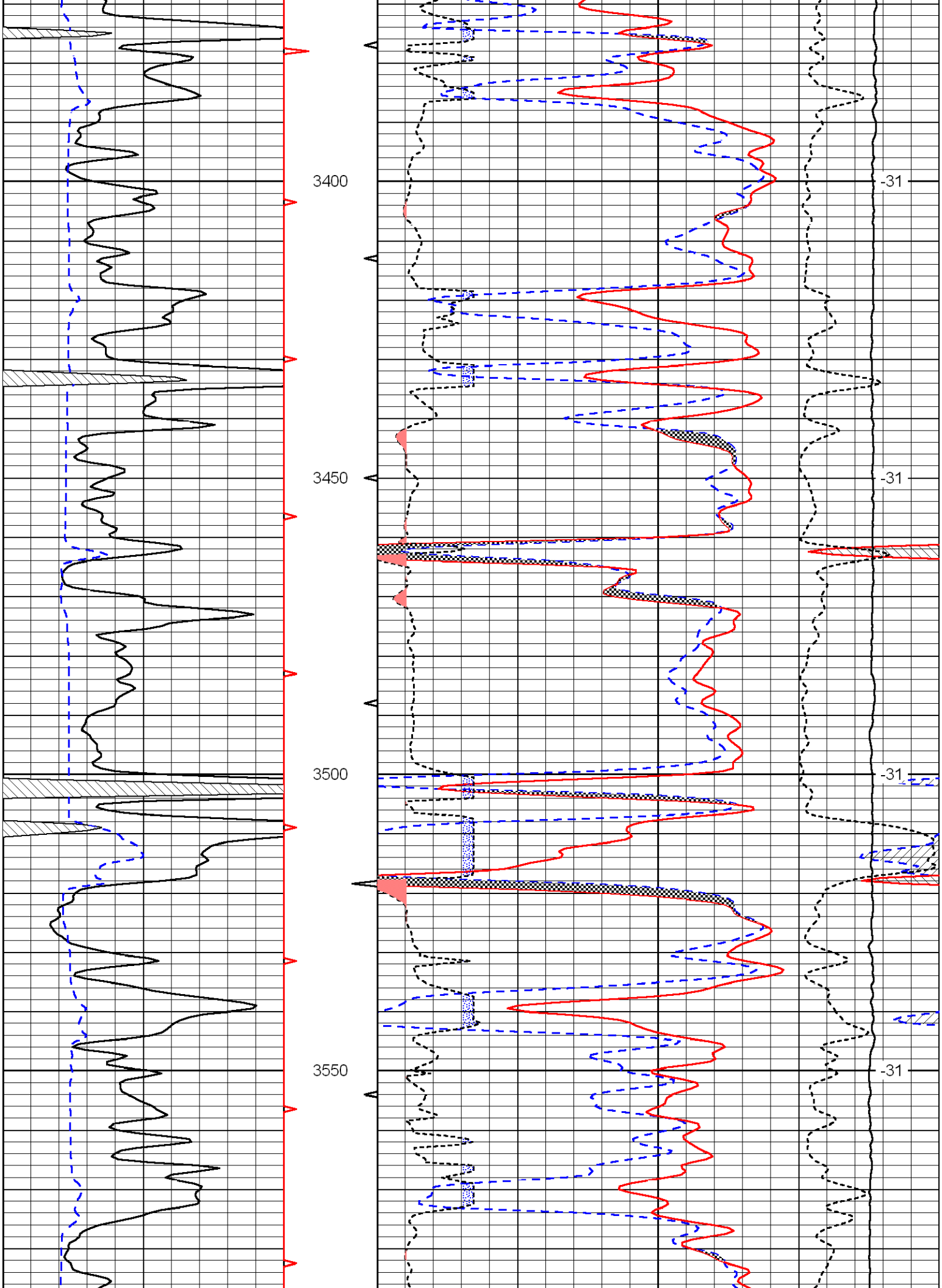
0	Gamma Ray	150
6	Caliper (in)	16

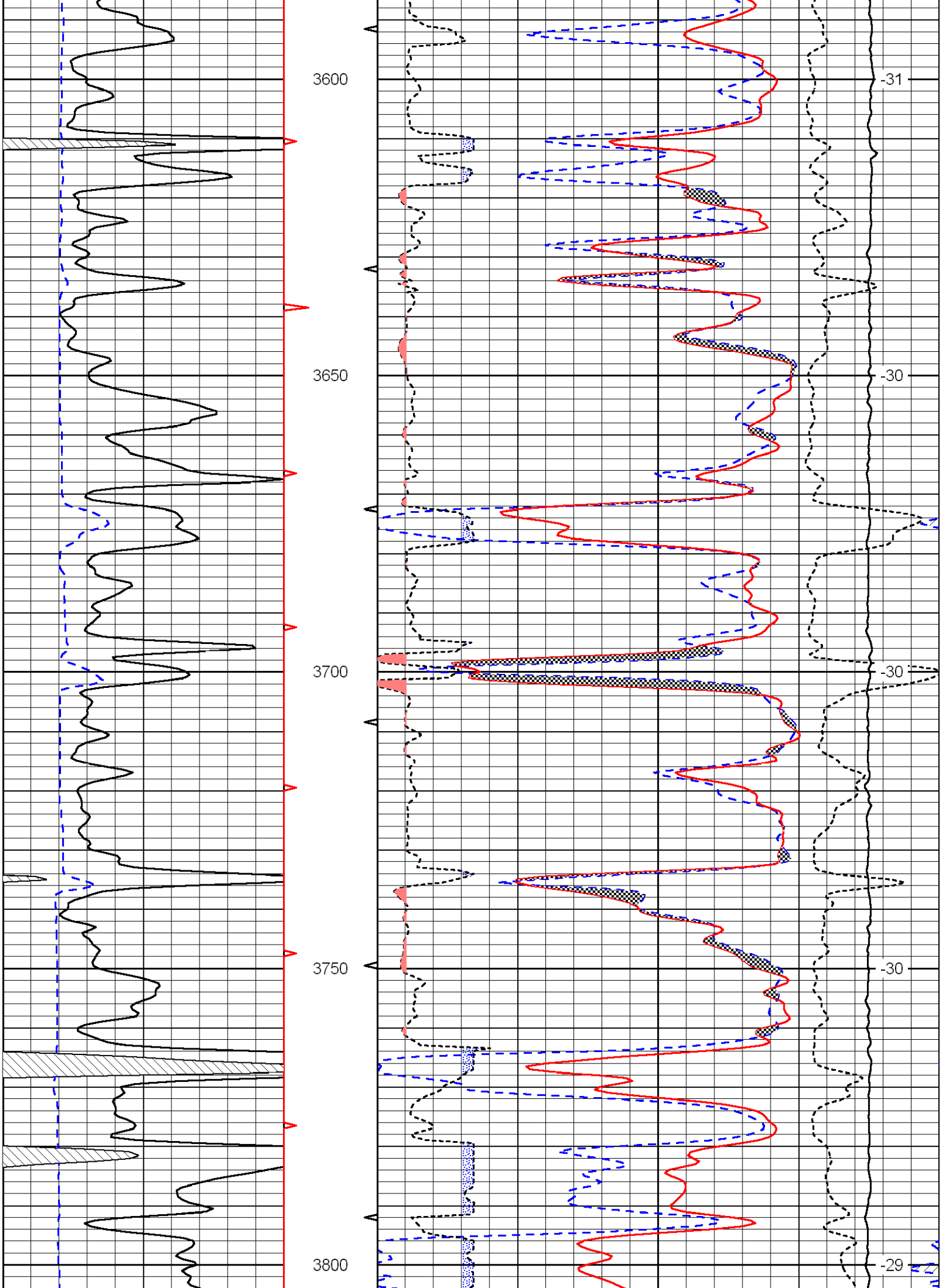
30	Compensated Neutron (Limestone) (pu)				-10
30	Compensated Density (2.71 ma) (pu)				-10
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
15000	Line Tension (lb)				0

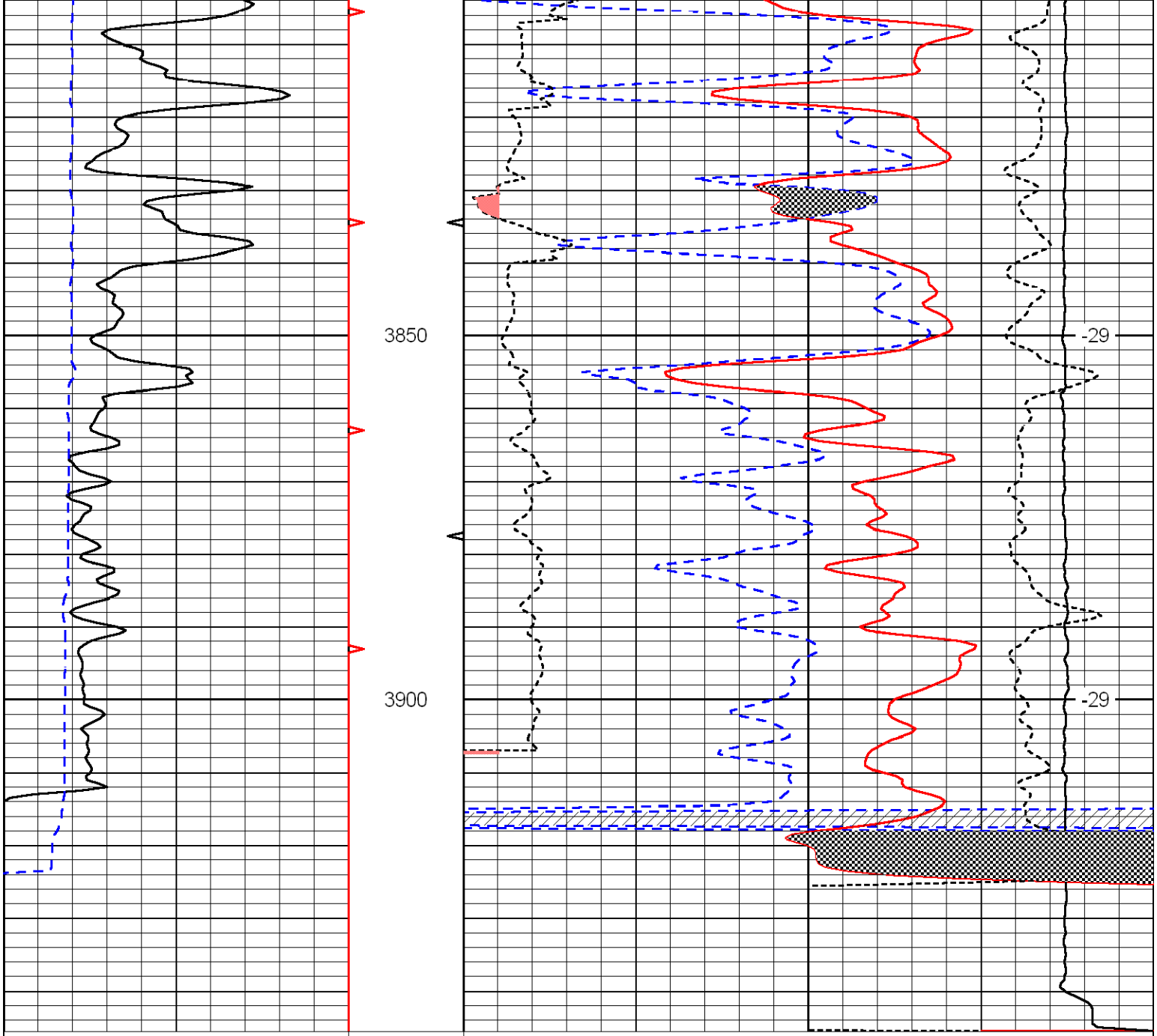
LSPD
(ft/min)




3200
3250
3300
3350
-30
-30
-30
-31


3400
3450
3500
3550
-31
-31
-31
-31


3600
3650
3700
3750
3800
-31
-30
-30
-30
-29



0	Gamma Ray	150
6	Caliper (in)	16
30	Compensated Neutron (Limestone) (pu)	-10
30	Compensated Density (2.71 ma) (pu)	-10
2.625	DGA (g/cc) 3.425	-0.25 Correction (g/cc) 0.25
15000	Line Tension (lb)	0

LSPD (ft/min)