LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-141-20,426-00-00

Company Murfin Drilling Company, Inc.

Well Chris #1-17

Field Wildcat

County Osborne State Kansas

Location SE NW NW NE
380' FNL & 2210' FEL
Sec: 17 Twp: 10 S Rge: 14 W

Other Services
DIL
MEL/BHCS

Elevation
K.B. 1847
D.F.
G.L. 1842

Permanent Datum Ground Level Elevation 1842
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	1/2/2011
Run Number	One
Type Log	CNL / CDL
Depth Driller	3620
Depth Logger	3619
Bottom Logged Interval	3598
Top Logged Interval	3650
Type Fluid In Hole	Chemical
Salinity, PPM CL	5,200
Density	9.2
Level	Full
Max. Rec. Temp. F	112
Operating Rig Time	4 Hours
Equipment -- Location	15 Hays
Recorded By	T. Martin
Witnessed By	Brad Rine

Borehole Record

Run No.	Bit	From	To
1	12.25	00	211
2	7.875	211	3620

Casing Record

Size	Wgt.	From	To
8.625	24#	00	211

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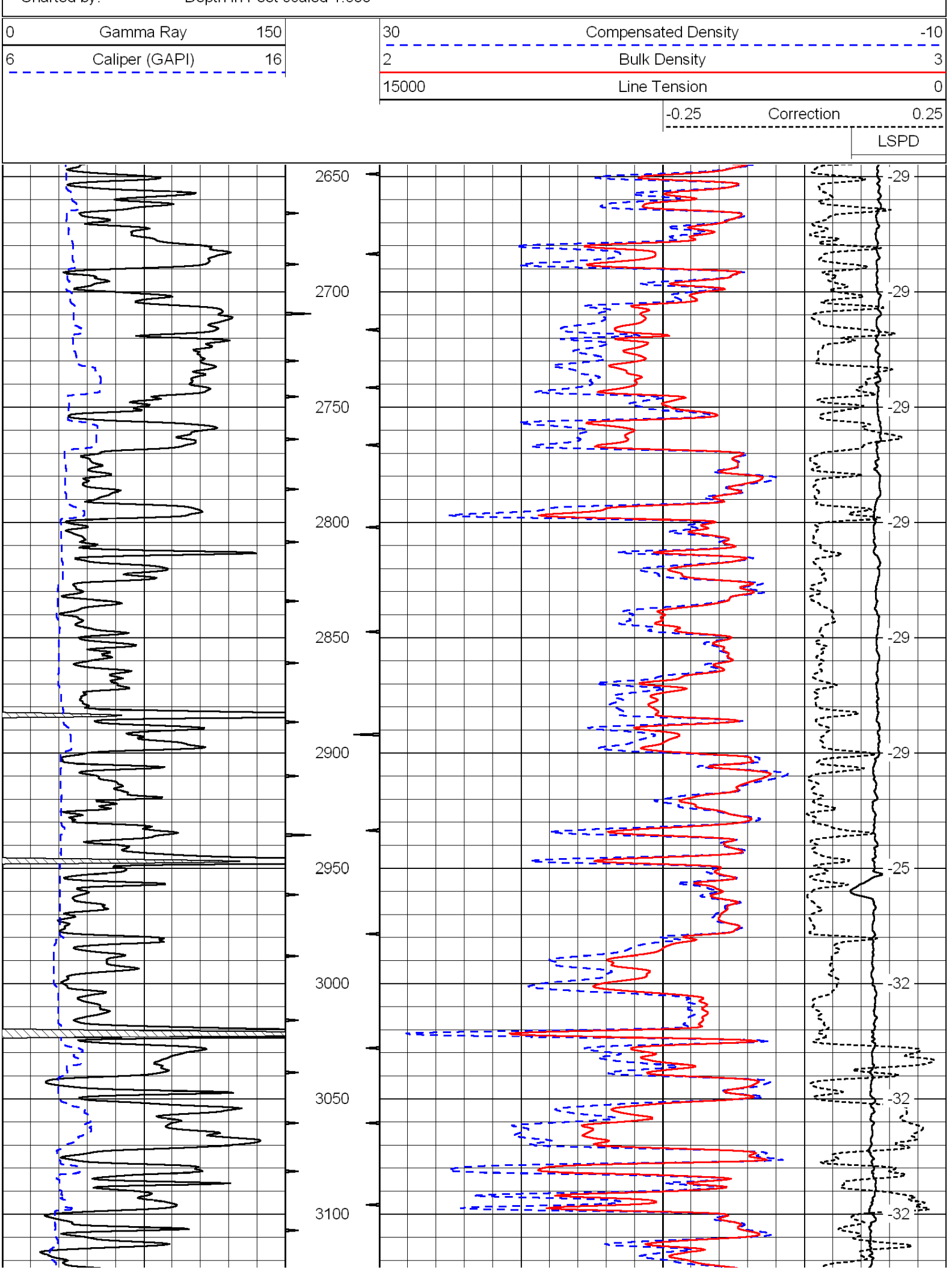
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

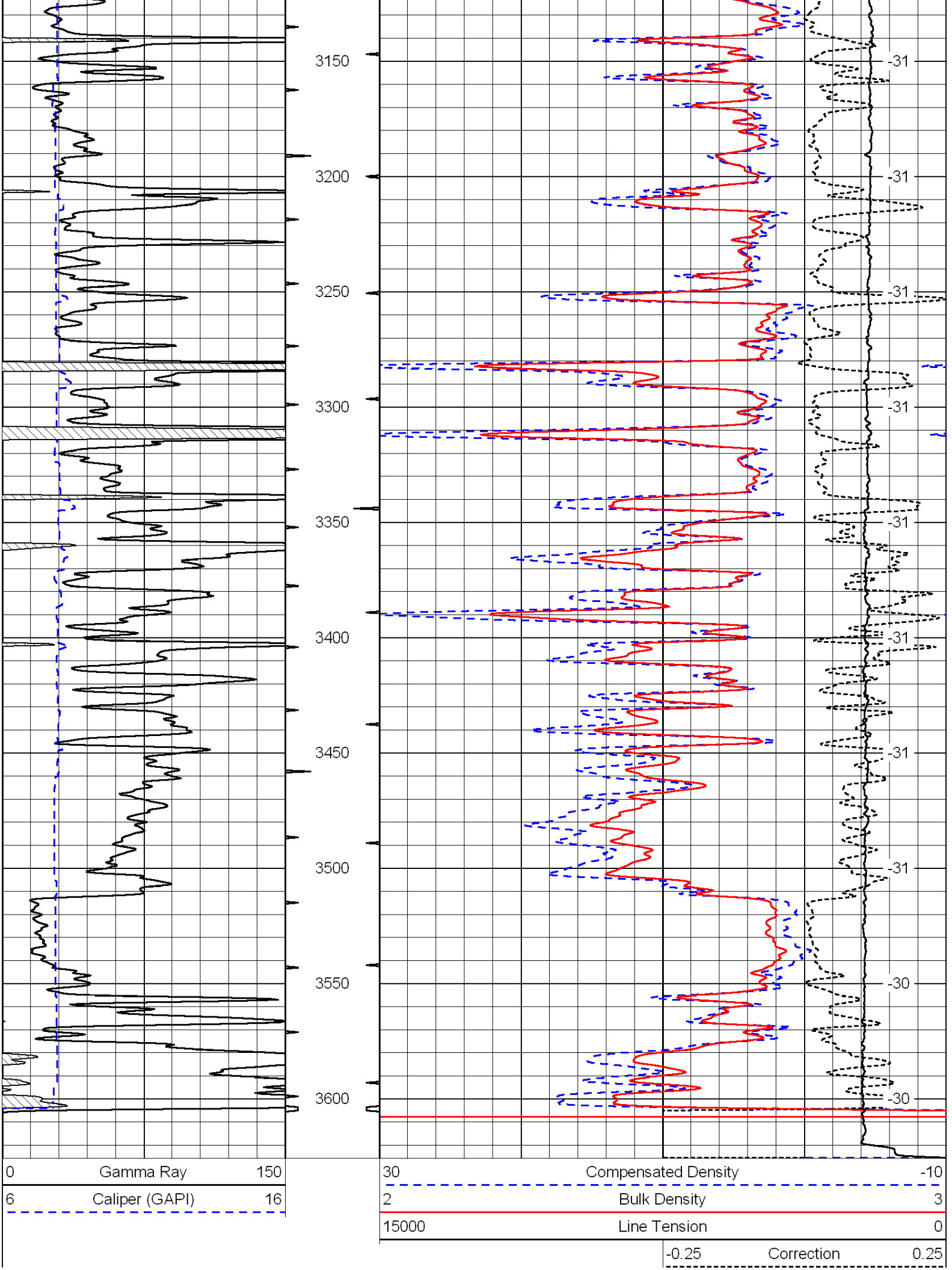
Comments

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

Russell, N on 281 to Hwy 18, 3 W to 182nd St
1 N, 1/2 W, 4 N, E into

Database File: c:\warrior\data\murfin_chris #1-17\mfnhd.db
Dataset Pathname: dil/mfnstk
Presentation Format: cdl
Dataset Creation: Mon Jan 03 02:02:35 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
-0.25
Correction
0.25
LSPD
2650
2700
2750
2800
2850
2900
2950
3000
3050
3100
-29
-29
-29
-29
-29
-25
-32
-32
-32


3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
-31
-31
-31
-31
-31
-31
-31
-30
-30
0 Gamma Ray 150
6 Caliper (GAPI) 16
30 Compensated Density -10
2 Bulk Density 3
15000 Line Tension 0
-0.25 Correction 0.25

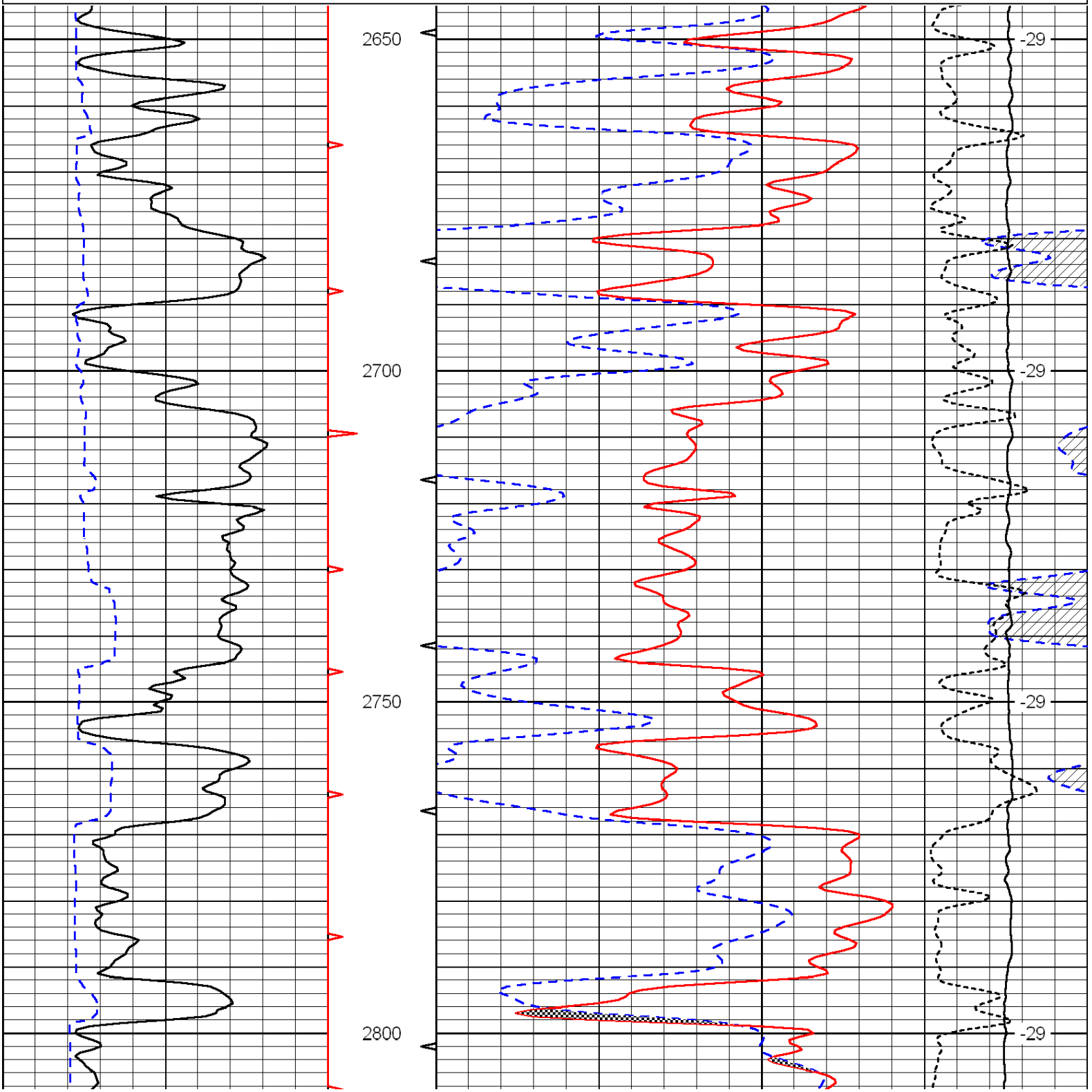
LSPD

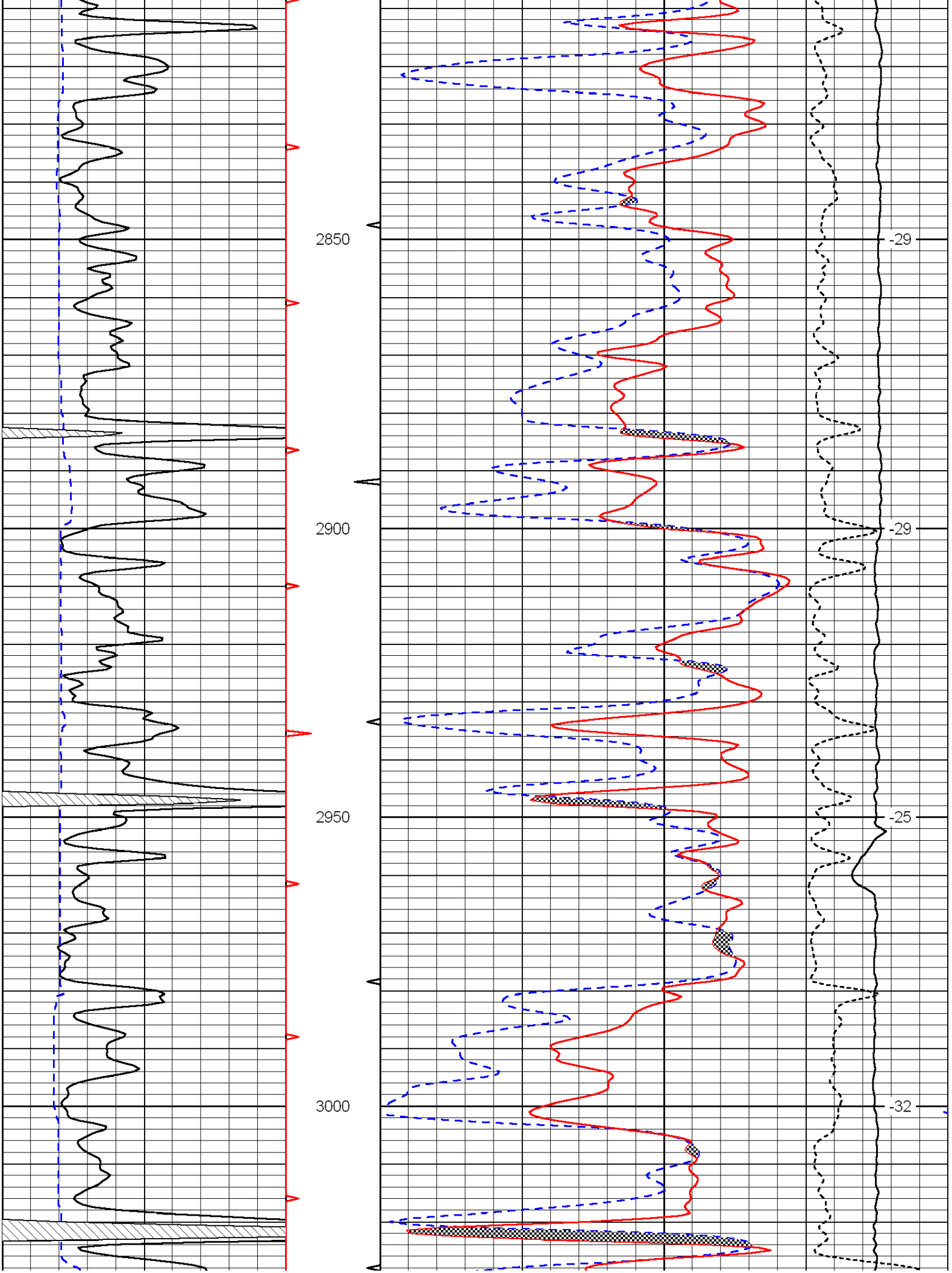
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Dataset Pathname:	dil/mfnstk
Presentation Format:	cndlspec
Dataset Creation:	Mon Jan 03 02:02:35 2011
Charted by:	Depth in Feet scaled 1:240

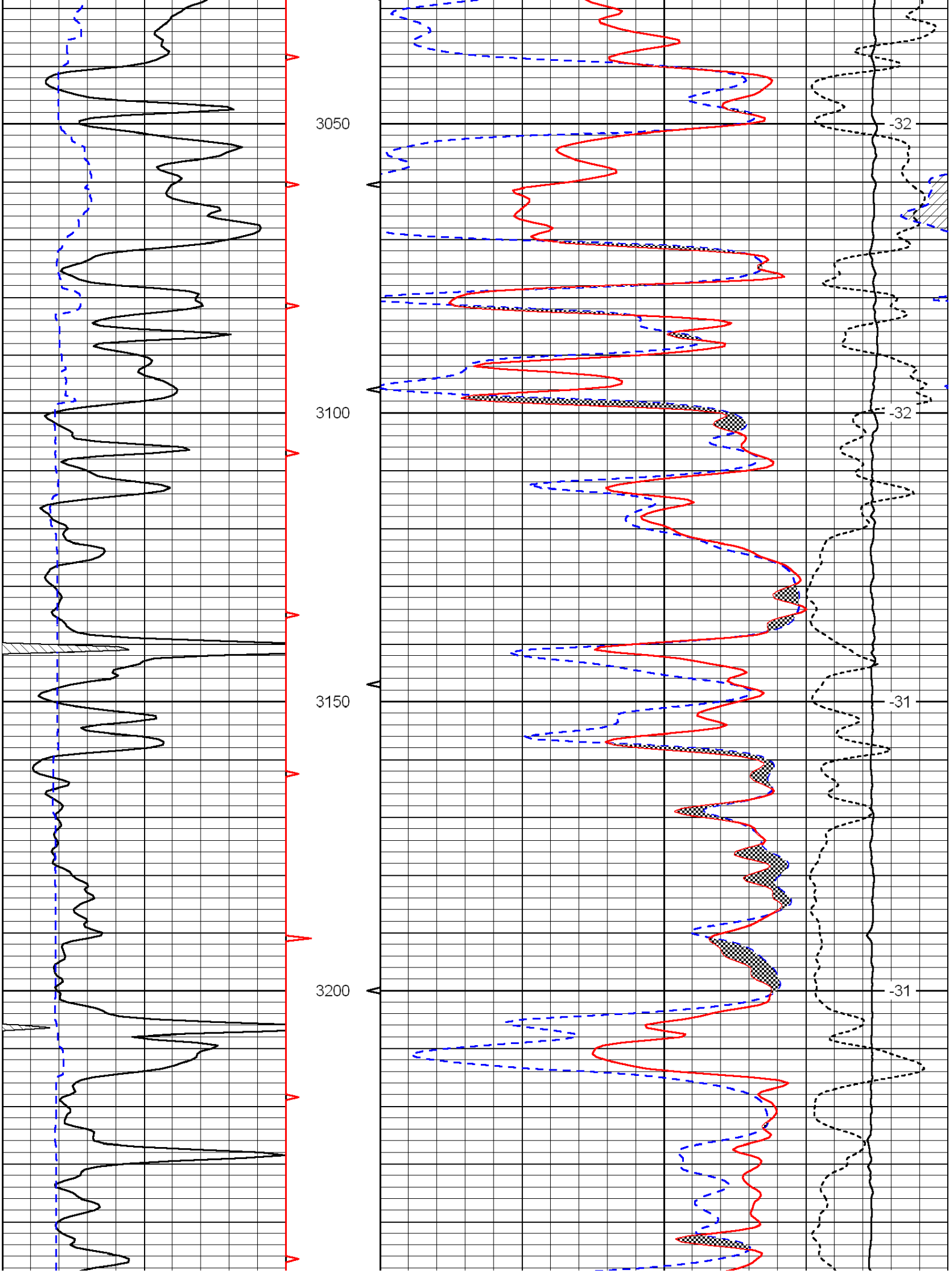
0	Gamma Ray	150
6	Caliper (GAPI)	16

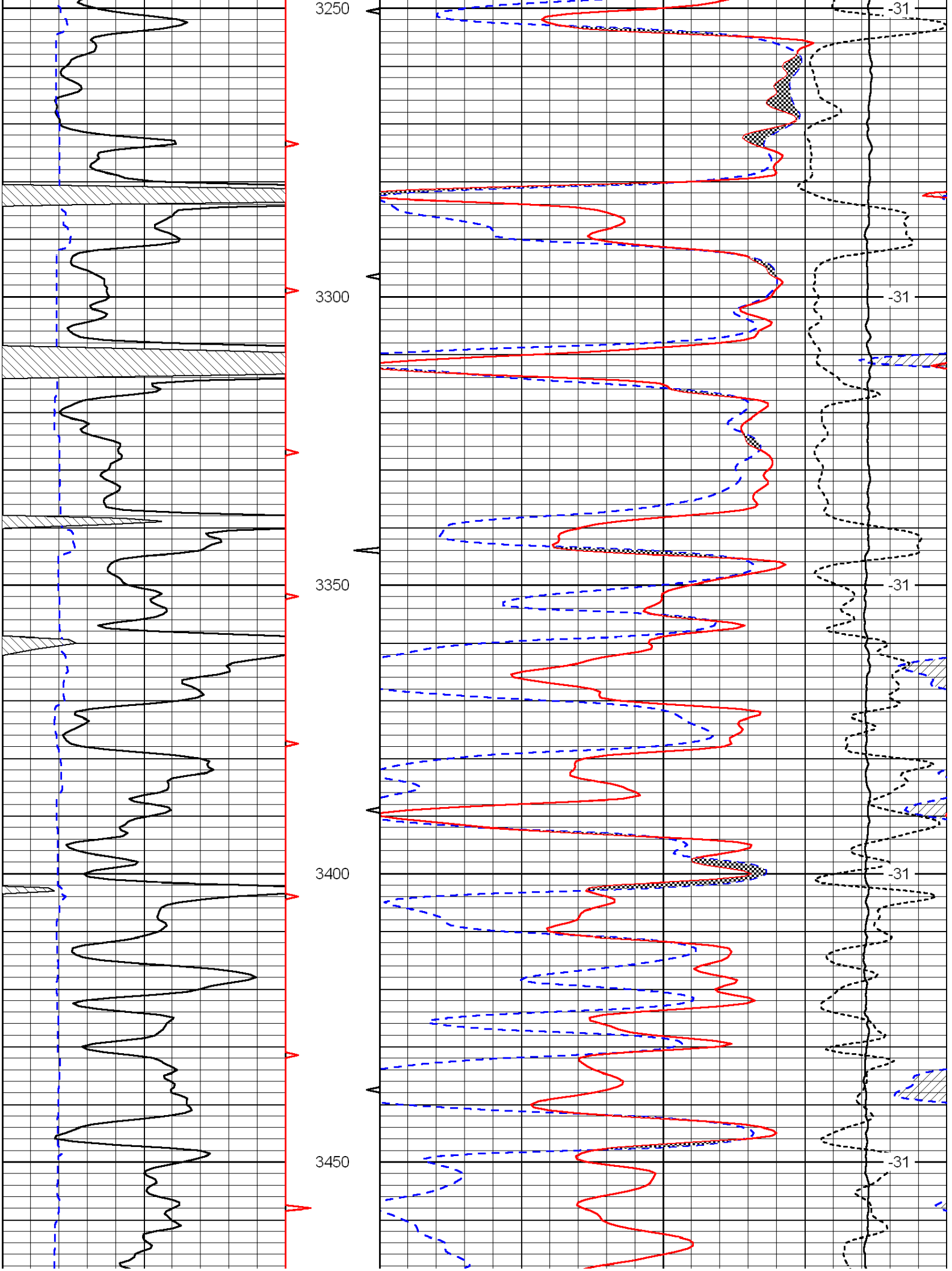
30	Compensated Neutron (Limestone)	-10
30	Compensated Density (2.71 ma)	-10
15000	Line Tension	0
-0.25	Correction	0.25

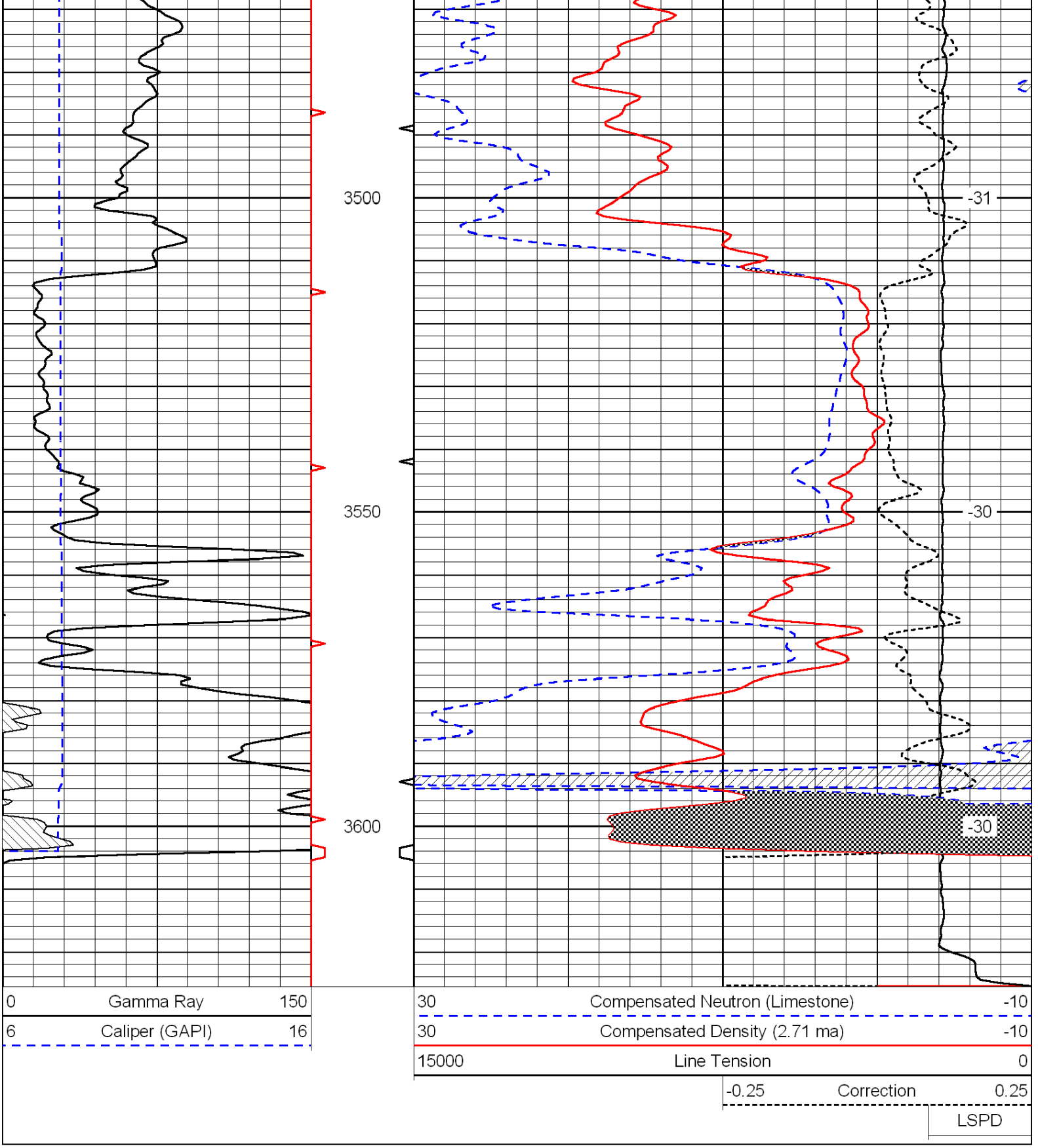
LSPD




2850
2900
2950
3000
-29
-29
-25
-32


3050
3100
3150
3200
-32
-32
-31
-31


3250
3300
3350
3400
3450
-31
-31
-31
-31
-31


3500
3550
3600
-31
-30
-30
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