



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-009-25,857-00-00

Company LB Exploration, Inc.
Well Kingston No. 5
Field Larkin North
County Barton State Kansas

Location

NE-NE-SE-NE
1374' FNL & 173' FEL

Other Services
DIL/MEL

Sec: 3

Twp: 17S

Rge: 14W

Elevation

Permanent Datum Ground Level Elevation 1956
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1969
D.F. 1956
G.L. 1956

Date

7/18/2013

Run Number

One

Type Log

CNL / CDL

Depth Driller

3520

Depth Logger

3518

Bottom Logged Interval

3497

Top Logged Interval

2600

Type Fluid In Hole

Chemical

Salinity, PPM CL

7.000

Density

8.9

Level

Full

Max. Rec. Temp. F

111

Operating Rig Time

4 Hours

Equipment -- Location

15 Hays

Recorded By

J. Henrickson

Witnessed By

Steve Peterman

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

To

One

12.25

00

440

8.625

23#

00

440

Two

7.875

440

TD

<<< Fold Here >>>

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

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(785) 625-3858

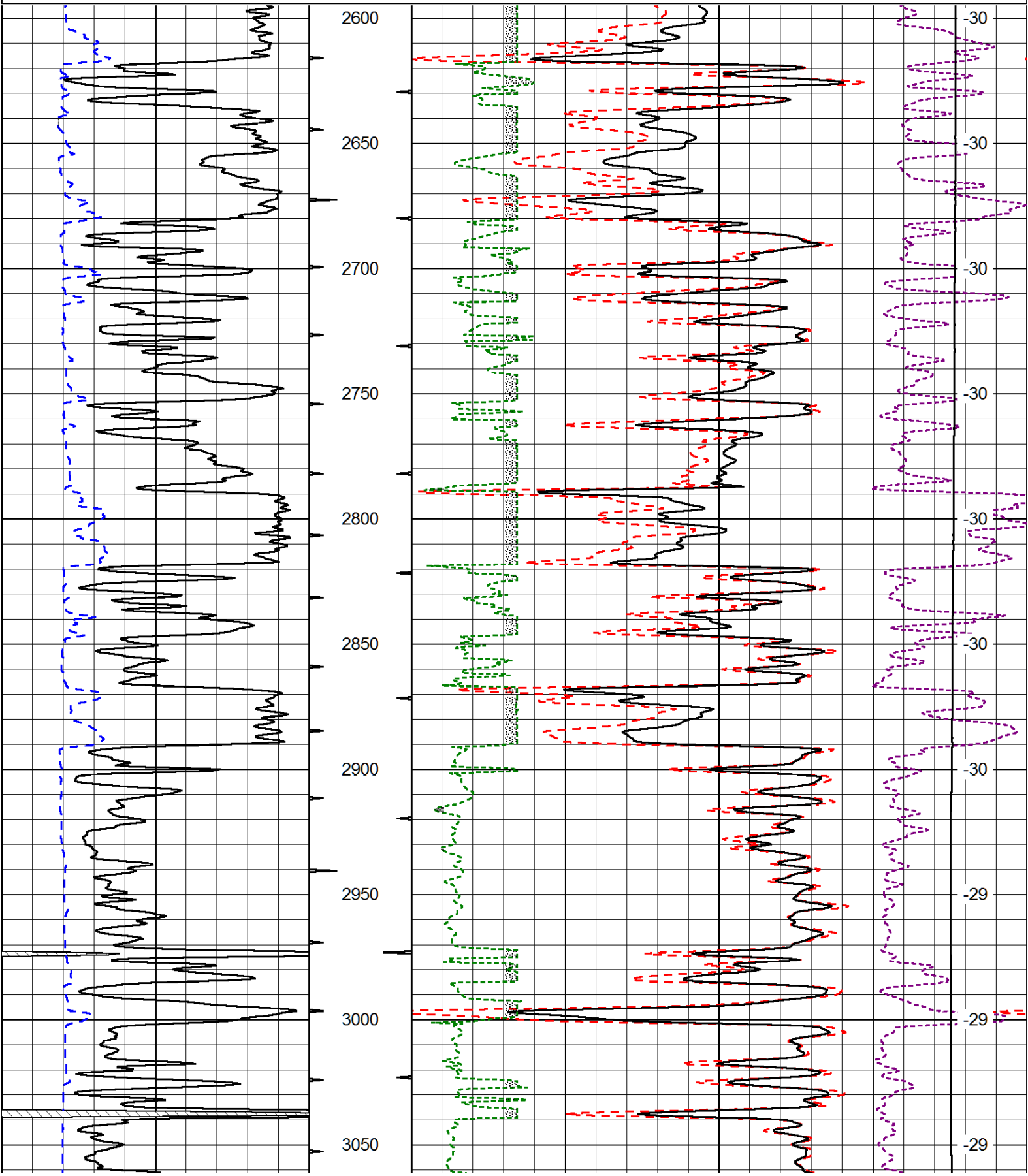
Hoisington Kansas
4 North on Hwy 281, West Into

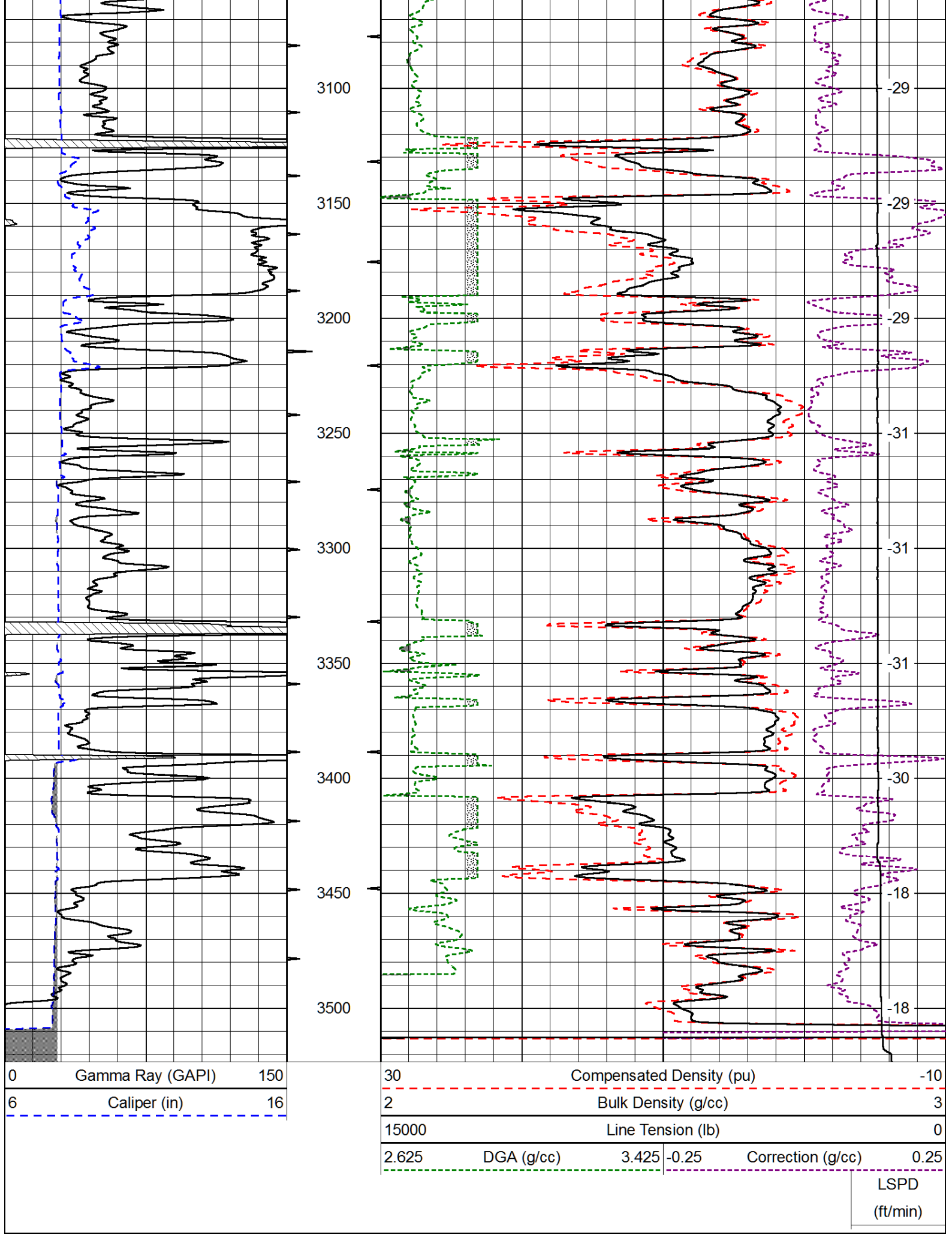
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Dataset Pathname: DIL/lbstk
Presentation Format: cdl
Dataset Creation: Thu Jul 18 04:30:21 2013
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	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

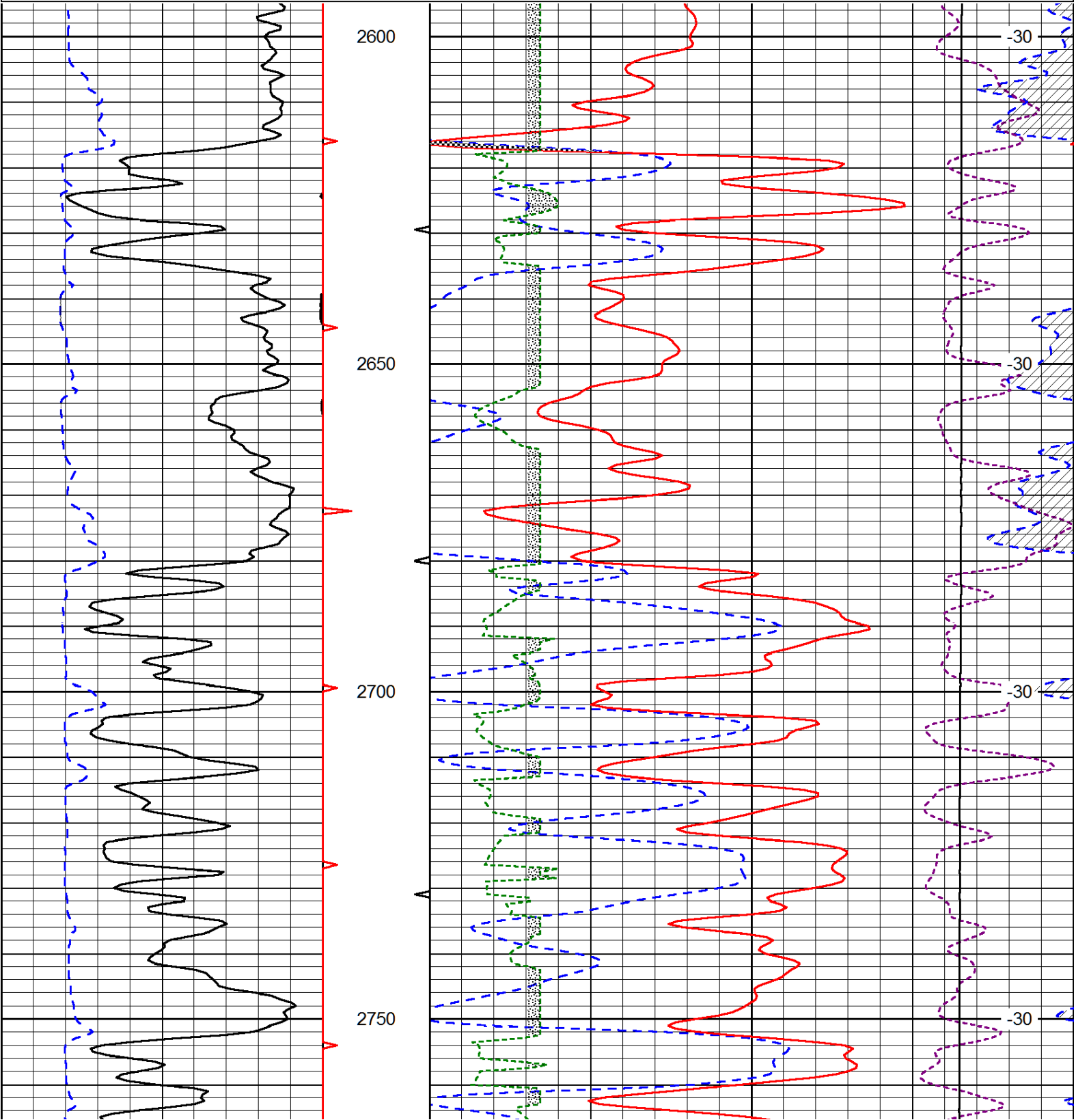
LSPD
(ft/min)

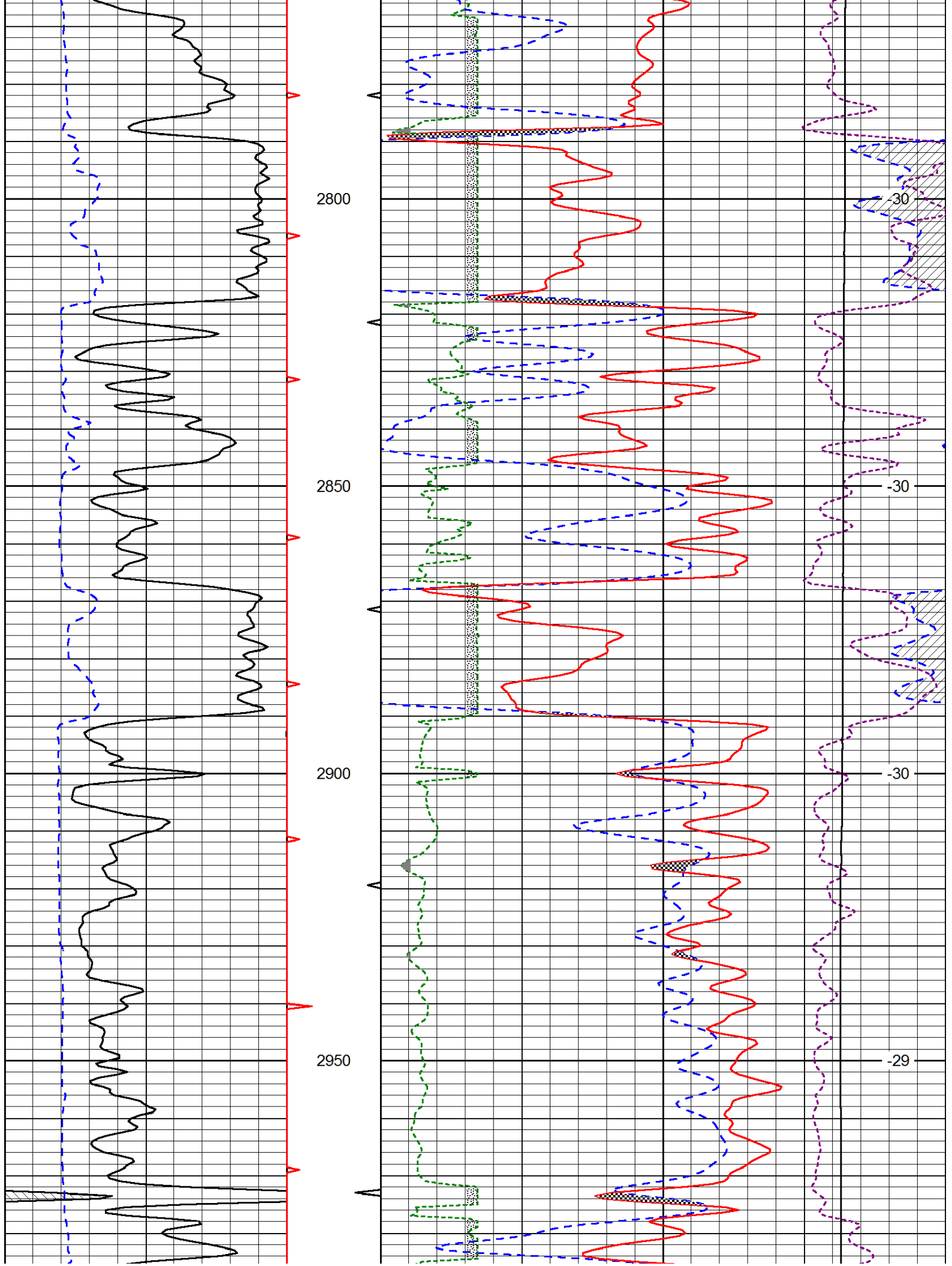


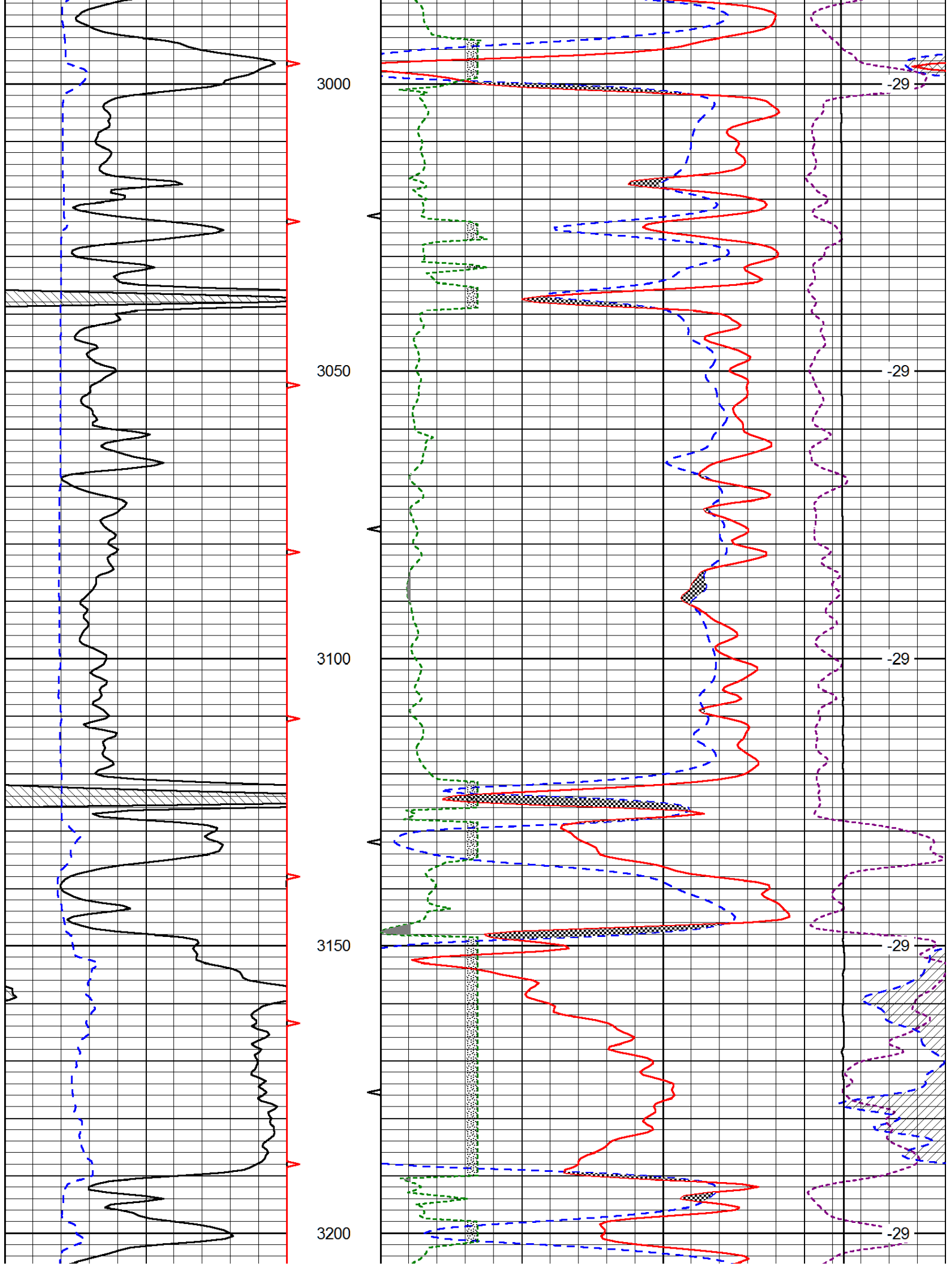


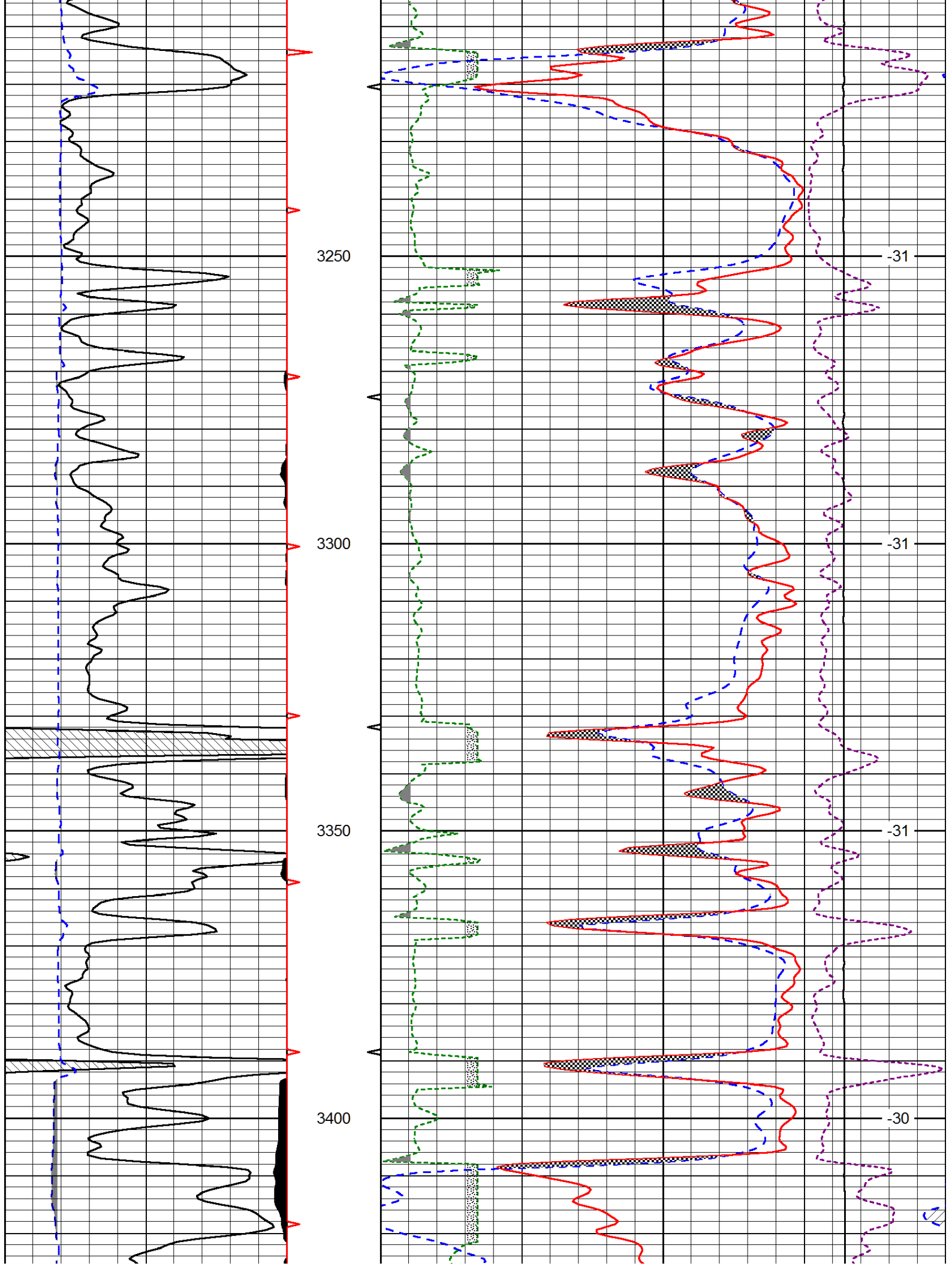
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Dataset Creation: Thu Jul 18 04:30:21 2013
Charted by: Depth in Feet scaled 1:240

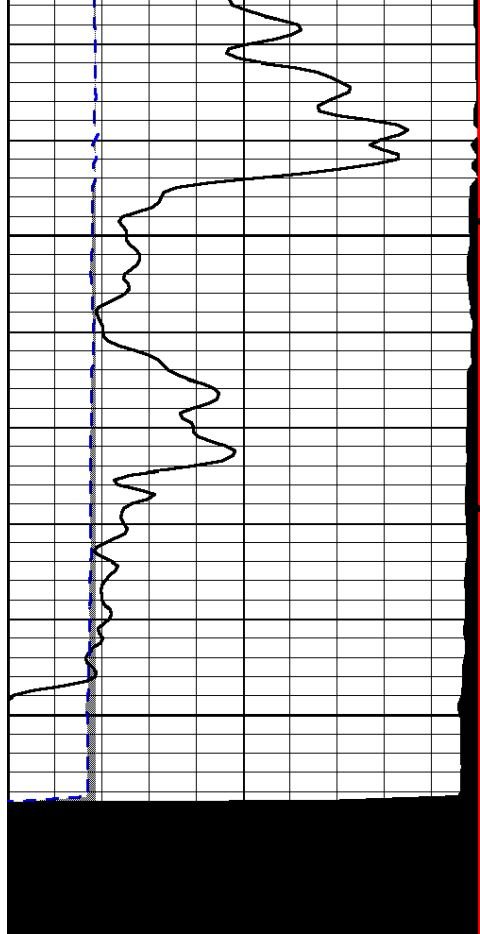
0	Gamma Ray (GAPI)	150	30	CNLS (pu)		-10		
6	Caliper (in)	16	30	Compensated Density (2.71 ma) (pu)		-10		
			2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
			10000	Line Tension (lb)		0		
							LSPD	
							(ft/min)	



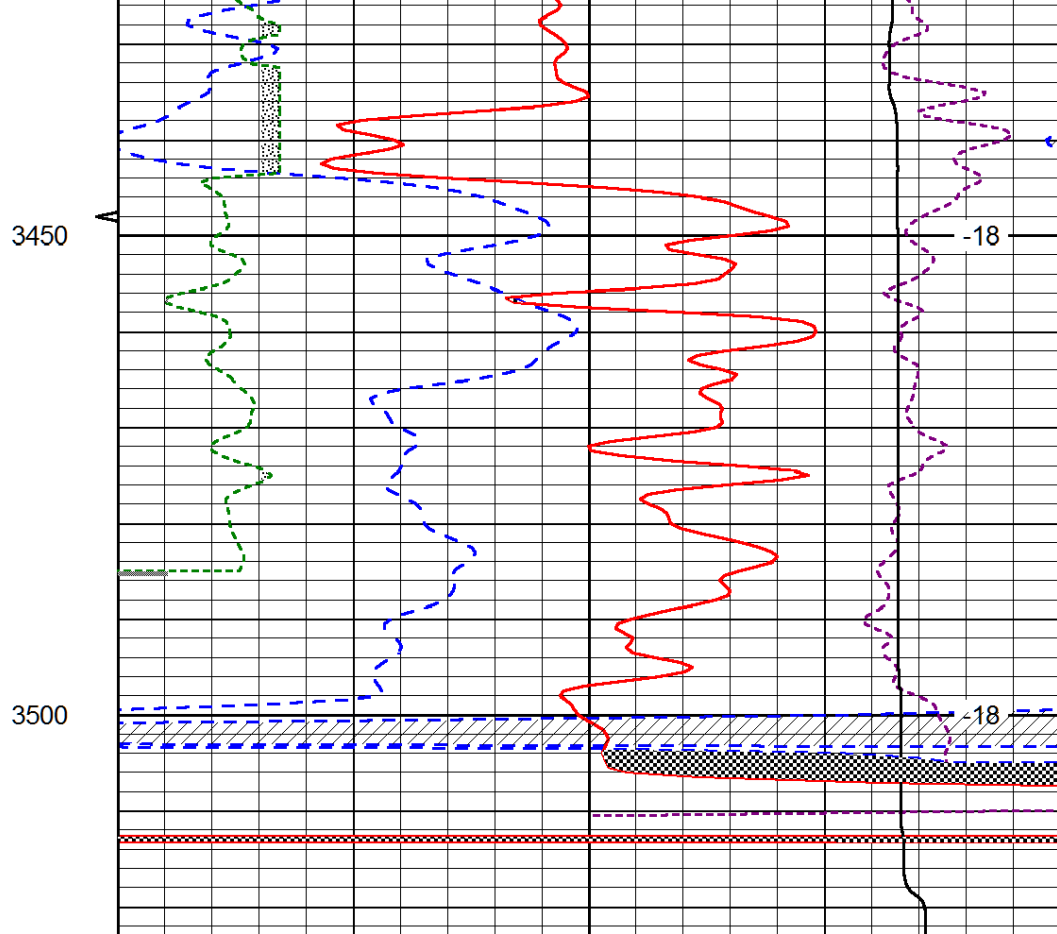








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LSPD
(ft/min)