



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-095-22,279-00-00

Company Molitor Oil, Inc.

Well Cross #4

Field Spivey-Grabs-Basil

County Kingman

State Kansas

Location

1086' FNL & 330' FEL

Sec: 31

Twp: 29S

Rge: 8W

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 1561
10 Ft. Above Perm. Datum

Elevation
K.B. 1571
D.F.
G.L. 1561

Other Services
DIL
MEL

Date 11/17/2013

Run Number One

Type Log CNL / CDL

Depth Driller 4499

Depth Logger 4506

Bottom Logged Interval 4505

Top Logged Interval 3000

Type Fluid In Hole Chemical

Salinity, PPM CL 2,000

Density 9.1

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 4 Hours

Equipment -- Location 17 Days

Recorded By C. Desaire

Witnessed By Max Lovely

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

1 12.25 00 221 8.625 24# 00 221

2 7.875 221 4499

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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

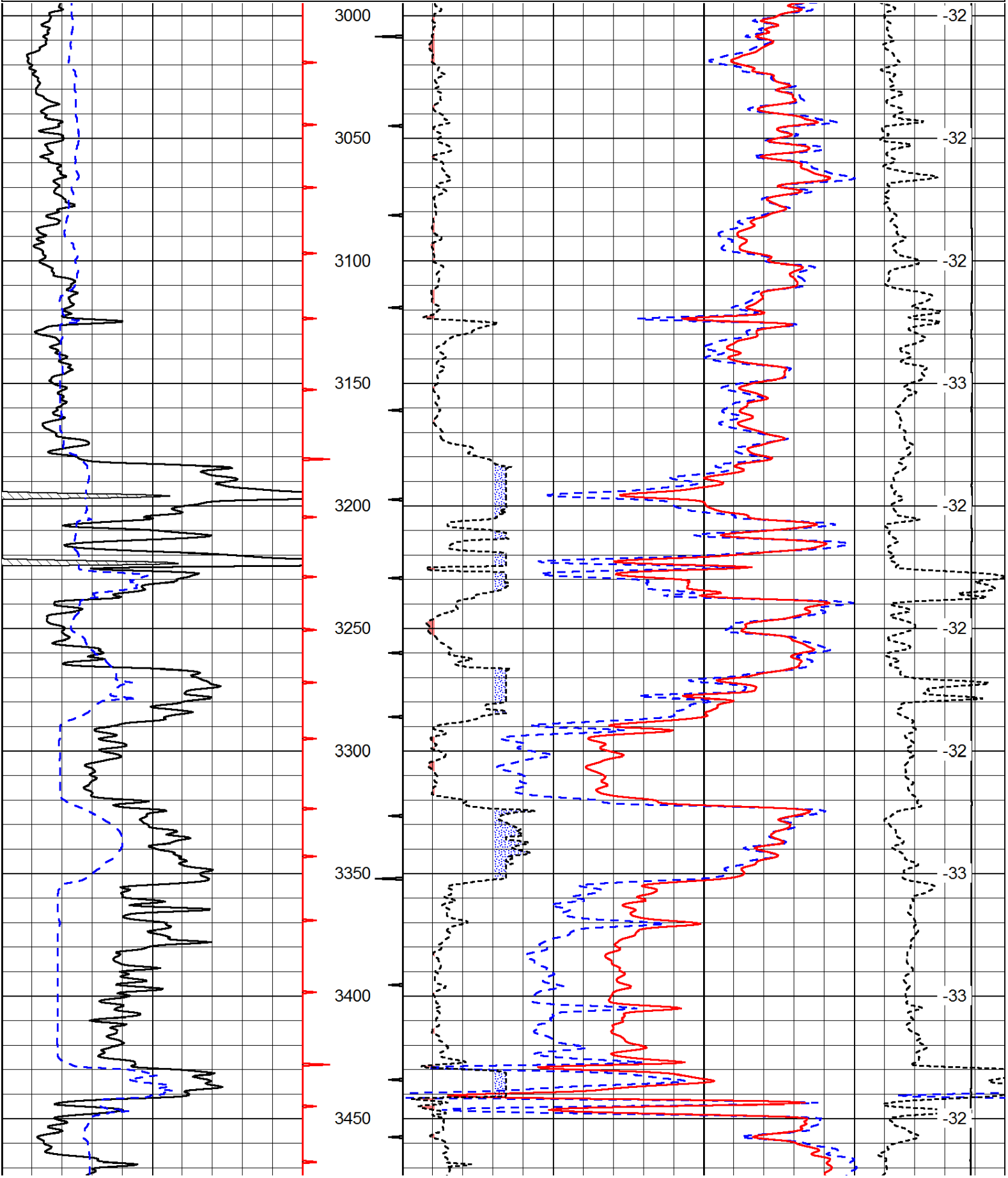
Thank you for using Pioneer Energy Services
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785 625 3858

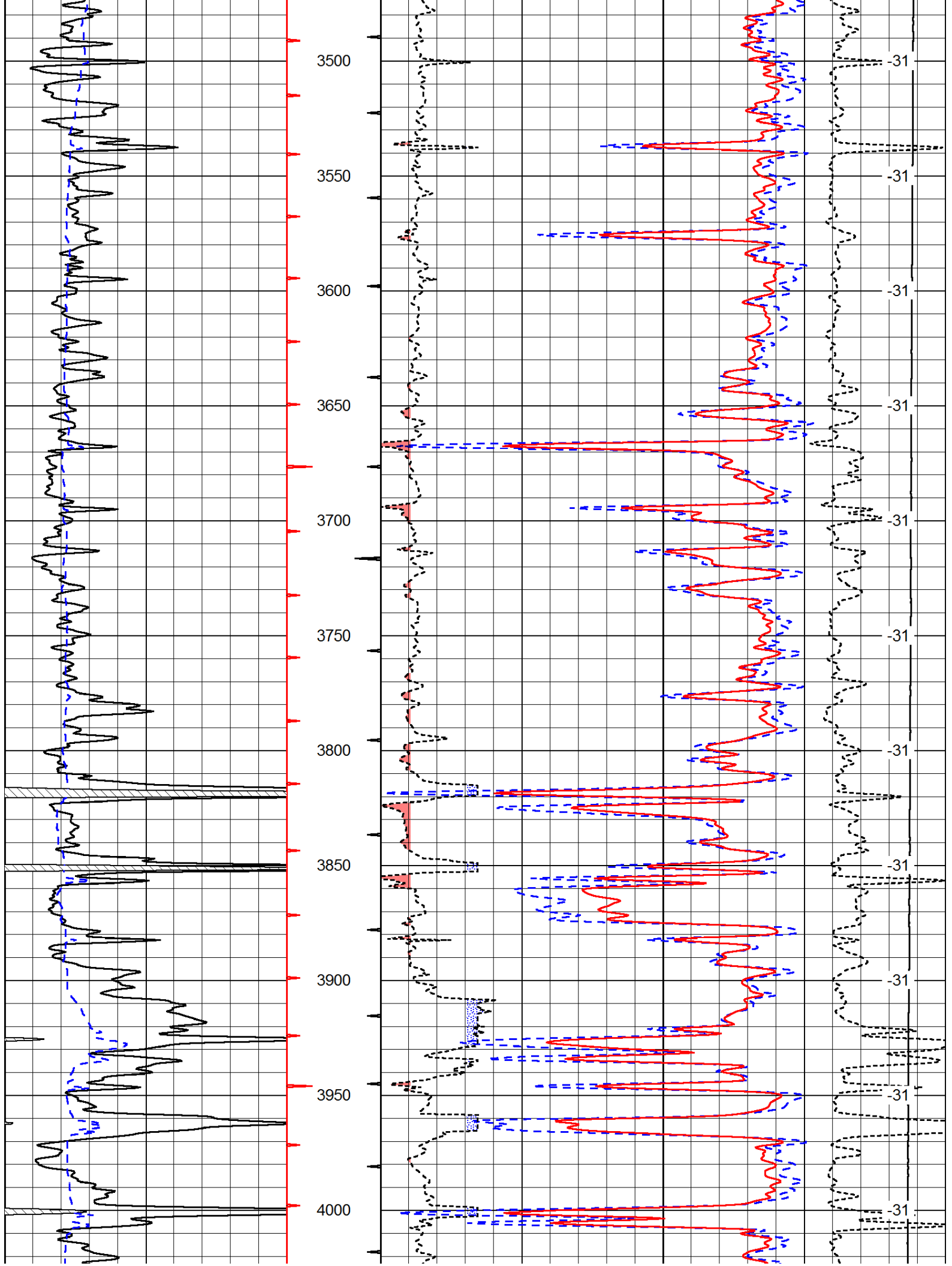
Zenda KS, 3 N,
4 E, 1/4 S, W Into

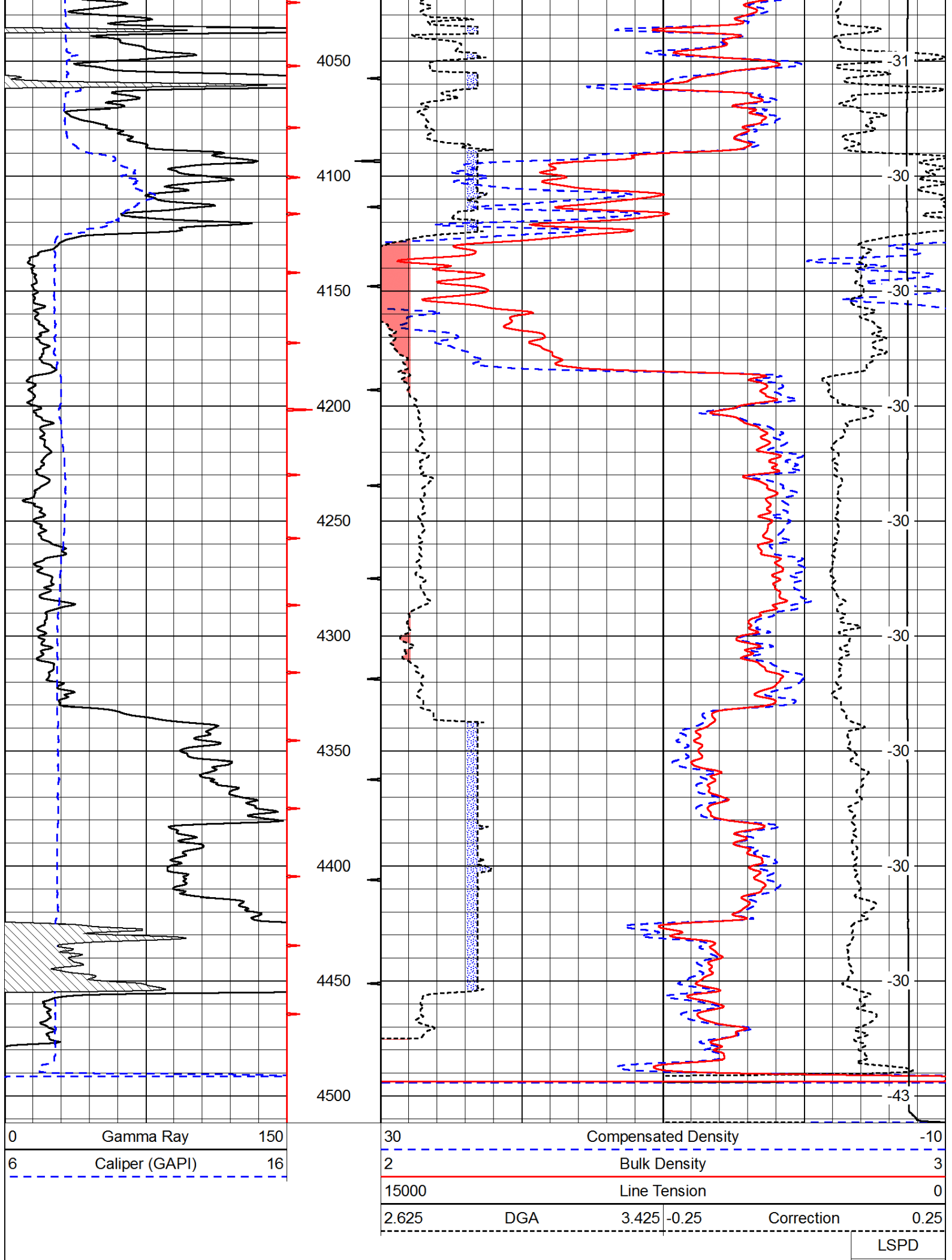
Database File: c:\warrior\data\molitor oil_cross #4\molitorhd.db
Dataset Pathname: dil/molstk
Presentation Format: cdl
Dataset Creation: Sun Nov 17 13:25:25 2013
Charted by: Depth in Feet scaled 1:600

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			







Database File: c:\warrior\data\molitor oil_cross #4\molitorhd.db
Dataset Pathname: dil/molstk
Presentation Format: cndlspec
Dataset Creation: Sun Nov 17 13:25:25 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	30	Compensated Neutron (Limestone)			-10	
6	Caliper (GAPI)	16	30	Compensated Density (Limestone)			-10	
			2.625	DGA	3.425	-0.25	Correction	0.25
			15000	Line Tension			0	
							LSPD	

