



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-039-21,179-00-00

Company **Murfin Drilling Company, Inc.**

Well **Urban #1-3**

Field **Wildcat**

County **Decatur**

State **Kansas**

Location **1850' FSL & 1650' FWL**

Other Services
DIL
MEI/BHCS

Sec: 3

Twp: 2S

Rge: 29W

Permanent Datum

Log Measured From

Drilling Measured From

Ground Level
Kelly Bushing
Kelly Bushing

Elevation 2801
5 Ft. Above Perm. Datum

Elevation
K.B. 2806
D.F.
G.L. 2801

Date

Run Number

Type Log

Depth Driller

Depth Logger

Bottom Logged Interval

Top Logged Interval

Type Fluid In Hole

Salinity, PPM CL

Density

Level

Max. Rec. Temp. F

Operating Rig Time

Equipment -- Location

Recorded By

Witnessed By

Borehole Record

Casing Record

Run No.

One

Two

Bit

12.25

7.875

From

00

263

To

263

TD

Size

8.625

Wgt.

23#

From

00

To

263

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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.

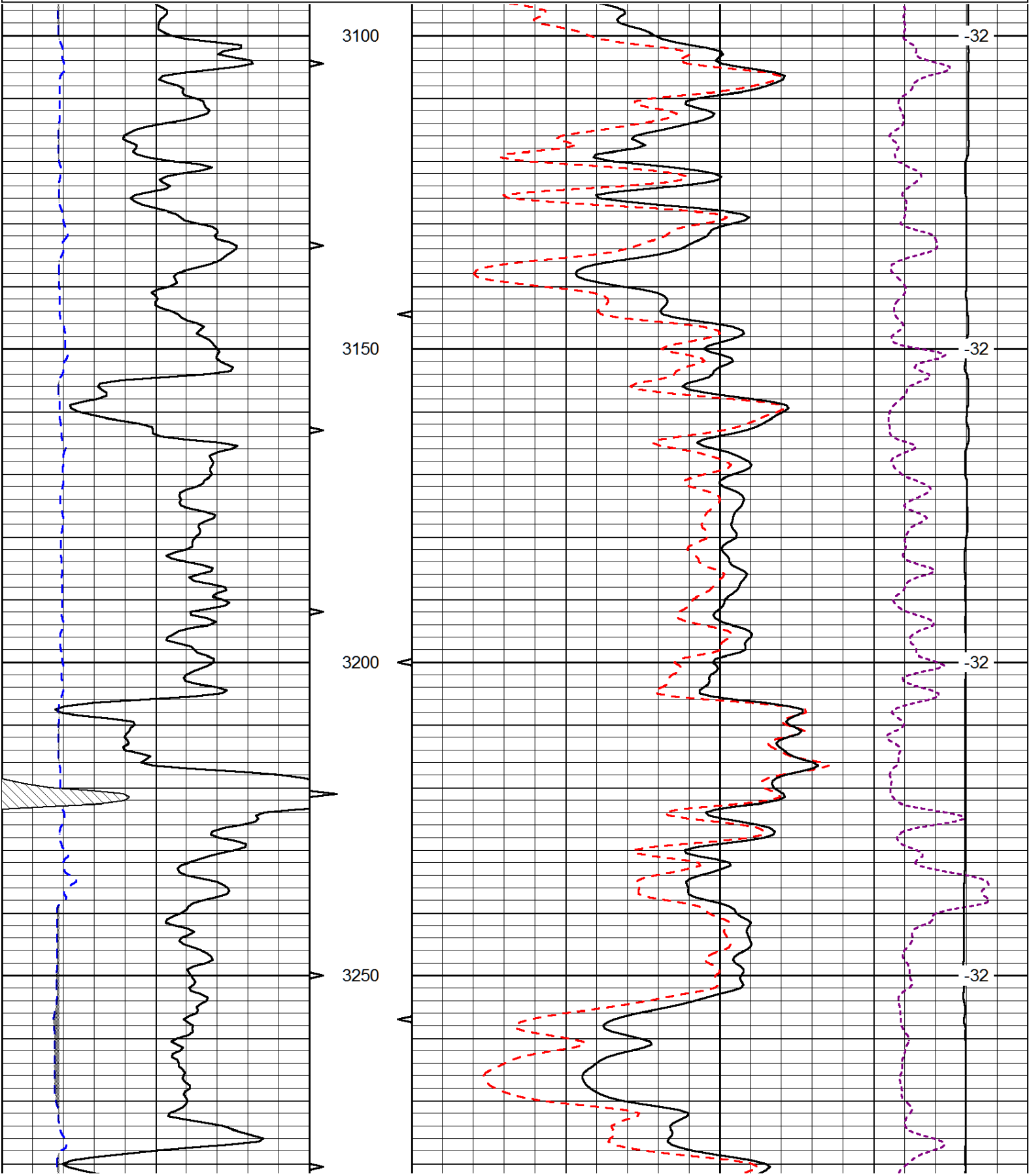
Comments

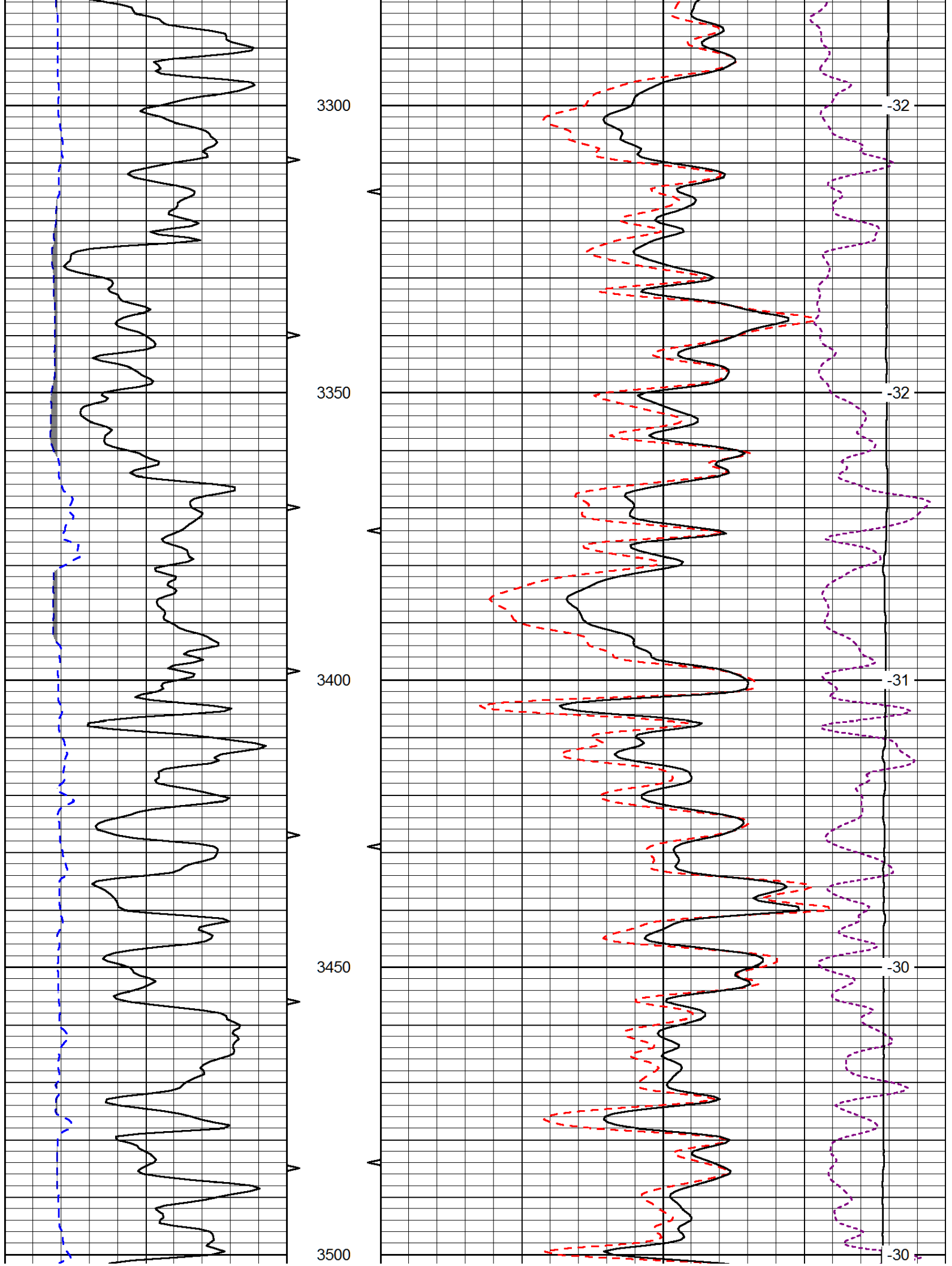
Thank you for using Log-Tech, Inc.
(785) 625-3858

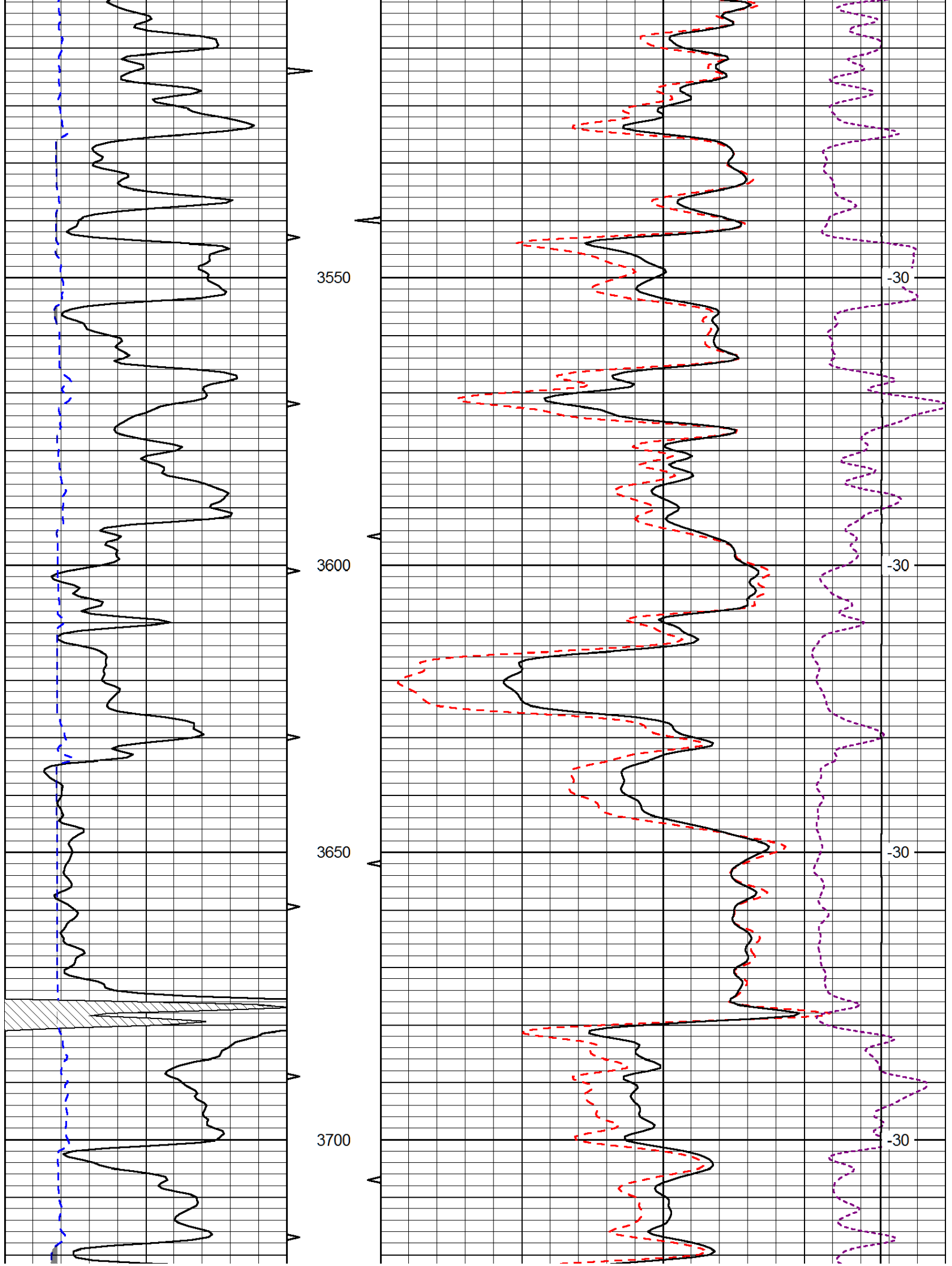
Oberlin KS, 5 North, 1 3/4 West, North Into

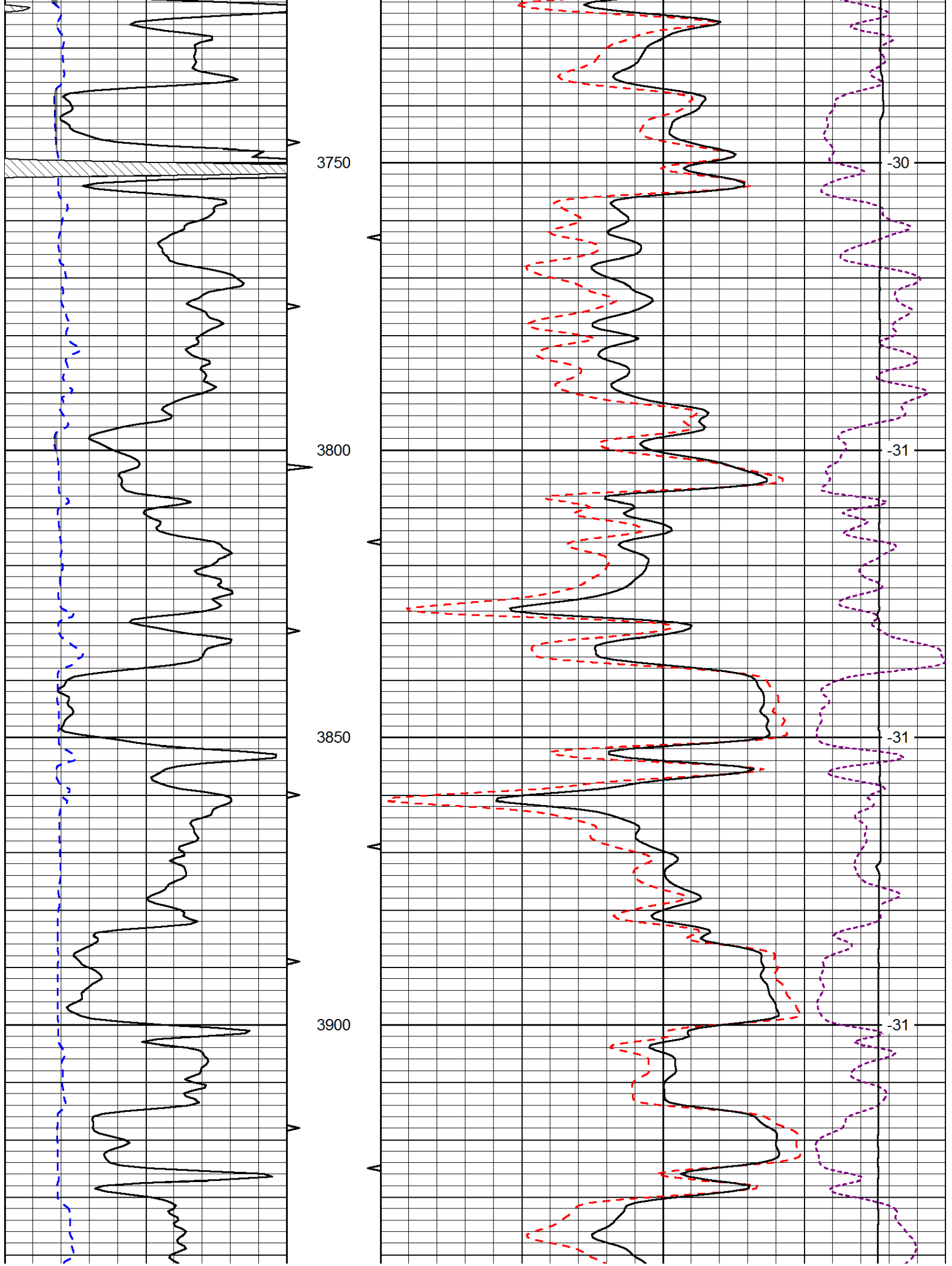
Database File: murfin_urban_1_3hd.db
Dataset Pathname: DIL/murfstk
Presentation Format: cdl
Dataset Creation: Wed Jun 05 23:37:43 2013
Charted by: Depth in Feet scaled 1:240

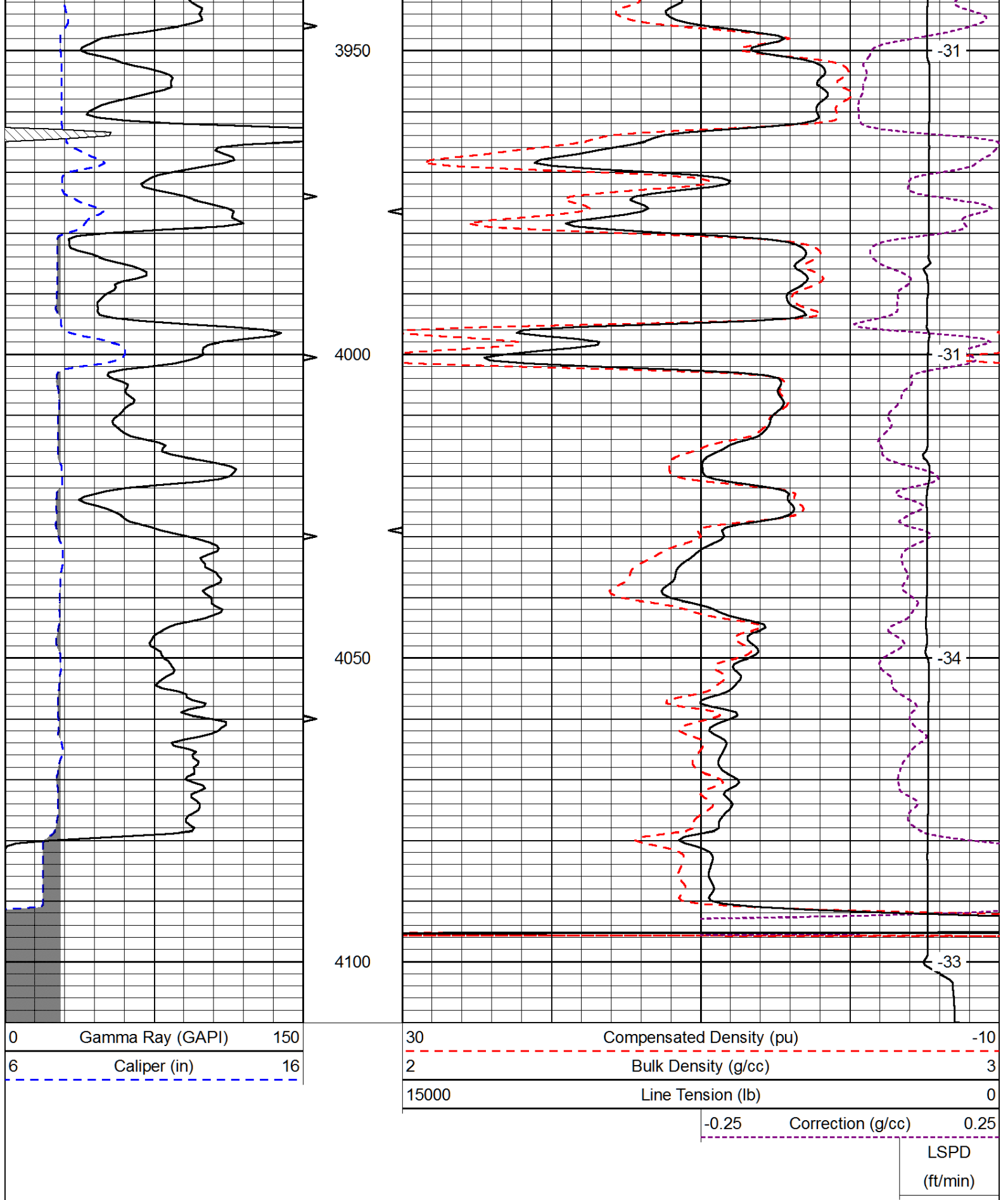
Charted by: Depth in Feet scaled 1:2.10					
0	Gamma Ray (GAPI)	150	30	Compensated Density (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			15000	Line Tension (lb)	0
			-0.25 Correction (g/cc) 0.25		
			LSPD (ft/min)		











Database File: murfin_urban_1_3hd.db
Dataset Pathname: DIL/murfstk
Presentation Format: cndlspec
Dataset Creation: Wed Jun 05 23:37:43 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.10					
0	Gamma Ray (GAPI)	150	30	CNLS (pu)	-10
6	Caliper (in)	16	30	Compensated Density (2.71 ma) (pu)	-10
			10000	Line Tension (lb)	0
			-0.25 Correction (g/cc) 0.25		
			LSPD (ft/min)		

