



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-053-21288-00-00

Company LB Exploration, Inc.

Well Lucky 7 #1

Field Stollenberg

County Ellsworth

State Kansas

Location 1320' FSL & 1590' FWL

Sec: 7 Twp: 16 S Rge: 10 W

Other Services
DIL
MEI/BHCS

Permanent Datum Ground Level Elevation 1882

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

Elevation
K.B. 1895
D.F. 1882
G.L. 1882

Date 08-13-2013

Run Number One

Type Log CNL / CDL

Depth Driller 3533

Depth Logger 3533

Bottom Logged Interval 3512

Top Logged Interval 2600

Type Fluid In Hole Chemical

Salinity, PPM CL 4000

Density 9.1

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 4 Hours

Equipment -- Location 91 Days

Recorded By Y. Ruiz

Witnessed By Steven Peterman

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	730	8.625	23#	00	730
Two	7.875	730	TD				

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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

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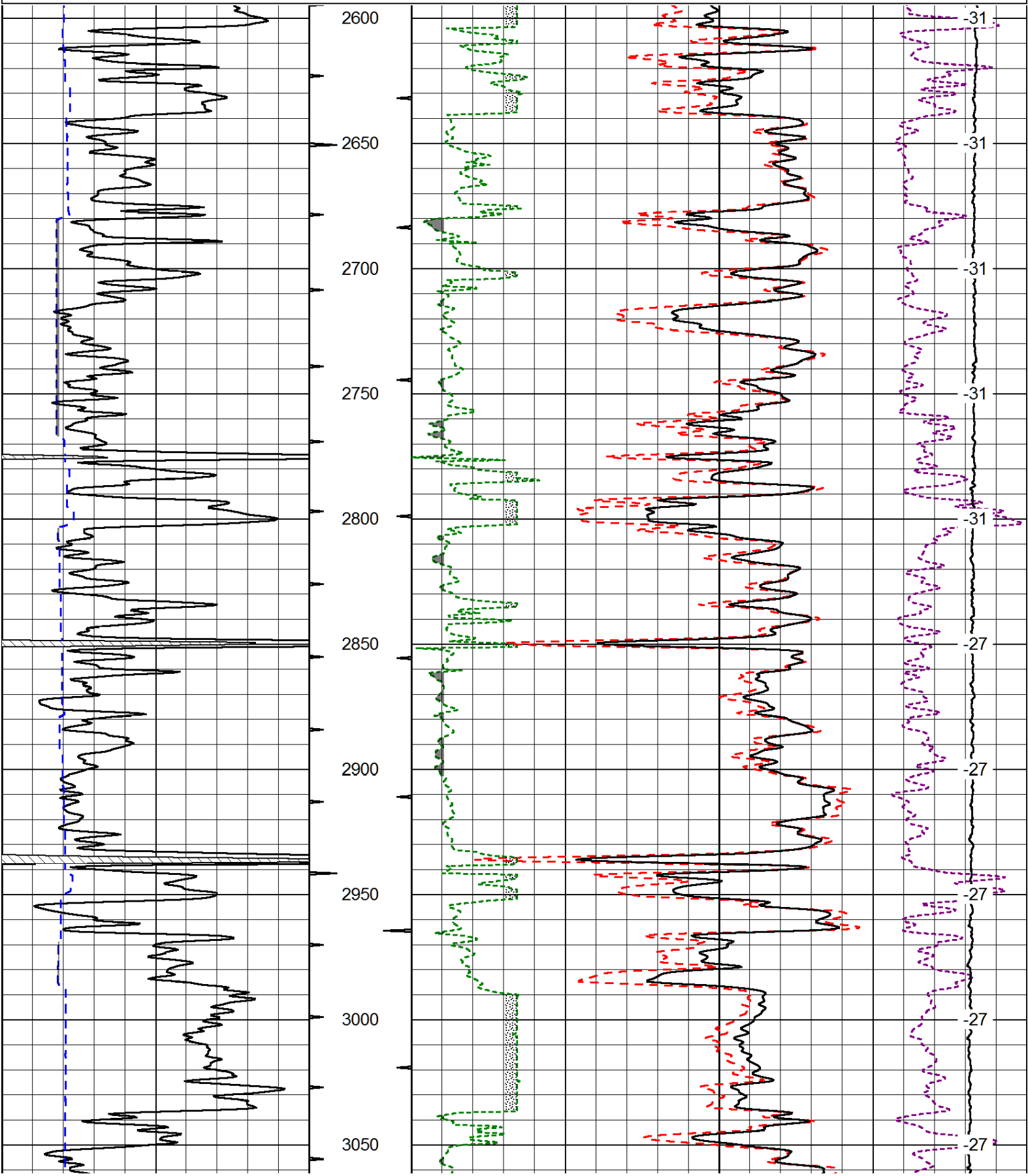
Wilson,
10 3/4 South,
East into

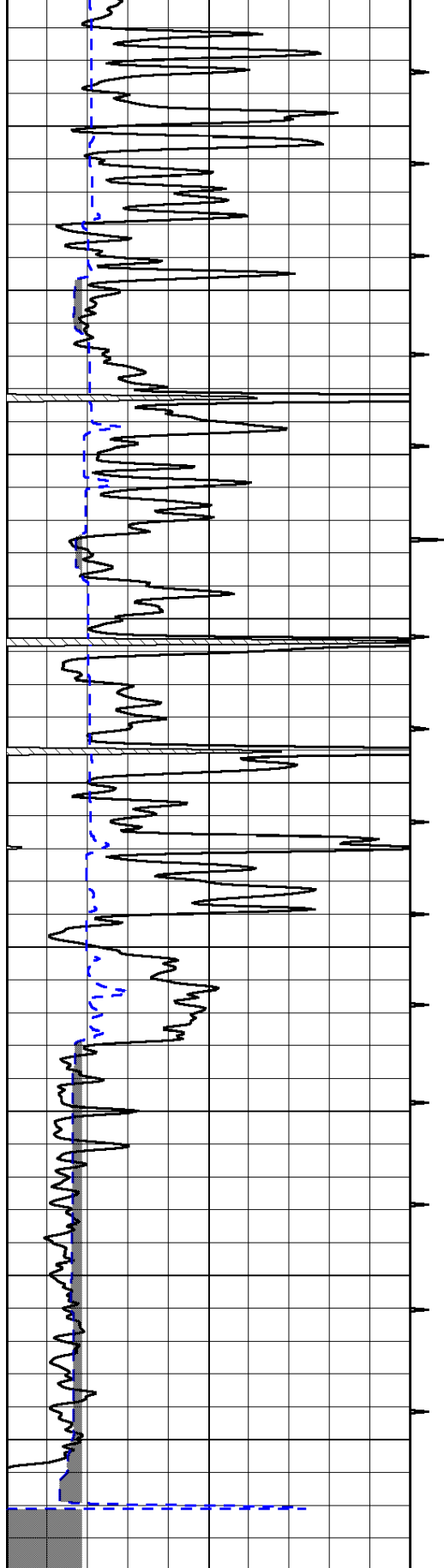
Database File: lb081313hd.db
Dataset Pathname: dil/lbstk
Presentation Format: cdl
Dataset Creation: Tue Aug 13 14:16:49 2013
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

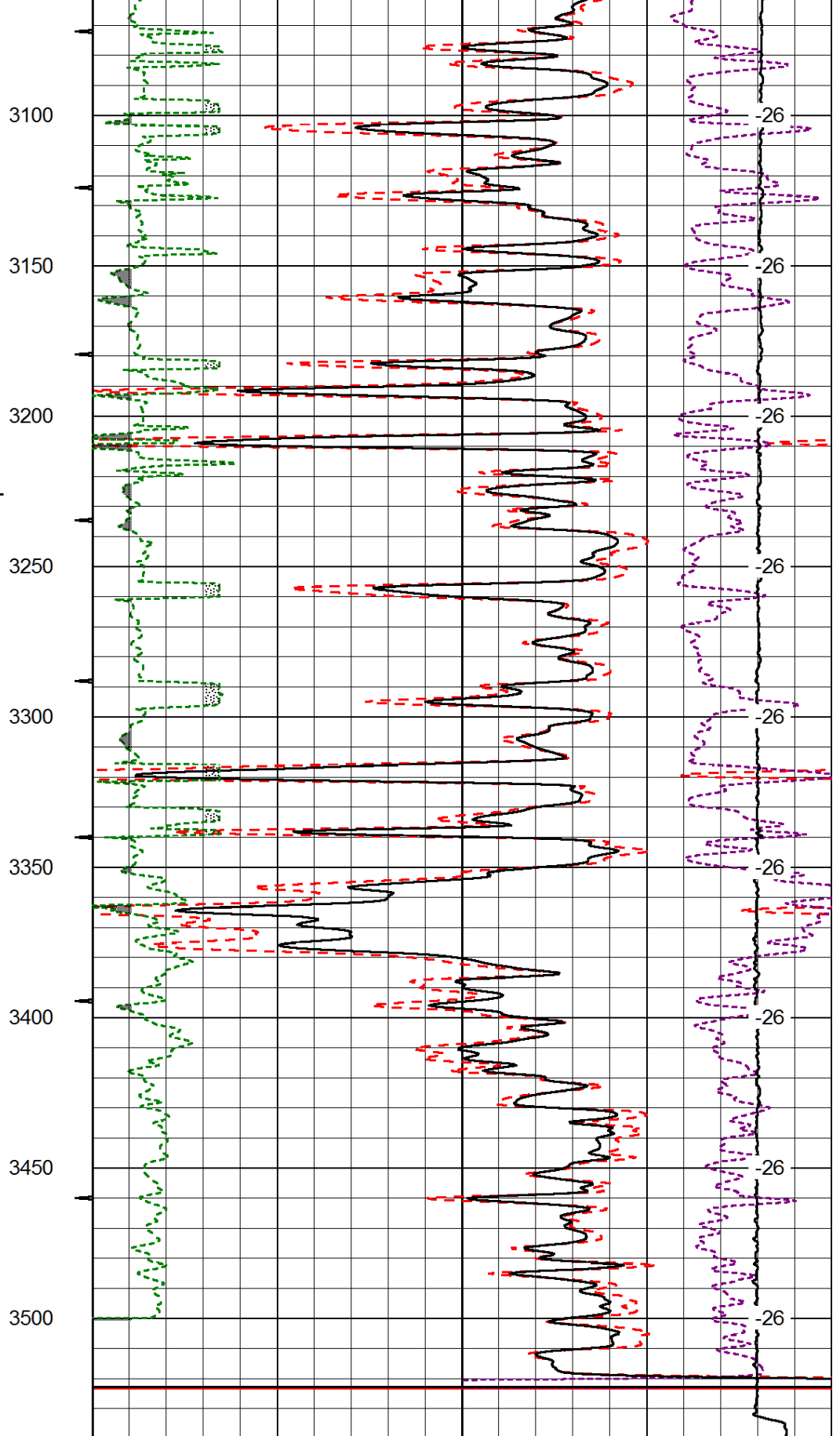
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
		Correction (g/cc)	0.25

LSPD
(ft/min)





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)

Database File: lb081313hd.db
Dataset Pathname: dil/lbstk
Presentation Format: cndlspec
Dataset Creation: Tue Aug 13 14:16:49 2013
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	CNLS (pu)				-10
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)

