



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-159-22,772-00-00

Company Primal Energy Oil & Gas, LLC
Well Skiles #28-1
Field Cow Creek Southeast
County Rice State Kansas

Location

150' FSL & 150' FEL

Sec: 28

Twp: 18S

Rge: 9W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 1706

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

K.B. 1714
D.F.
G.L. 1706

Date 5/14/2014

Run Number One

Type Log CNL / CDL

Depth Driller 3290

Depth Logger 3275

Bottom Logged Interval 3254

Top Logged Interval 2500

Type Fluid In Hole Chemical

Salinity, PPM CL 6,800

Density 9.1

Level Full

Max. Rec. Temp. F 109

Operating Rig Time 3 1/2 Hours

Equipment -- Location 17 Hays

Recorded By C. Desaire

Witnessed By Tim Hendrick

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
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1	12.25	00	328	8.625	24#	00	328
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2	7.875	328	3290				
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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

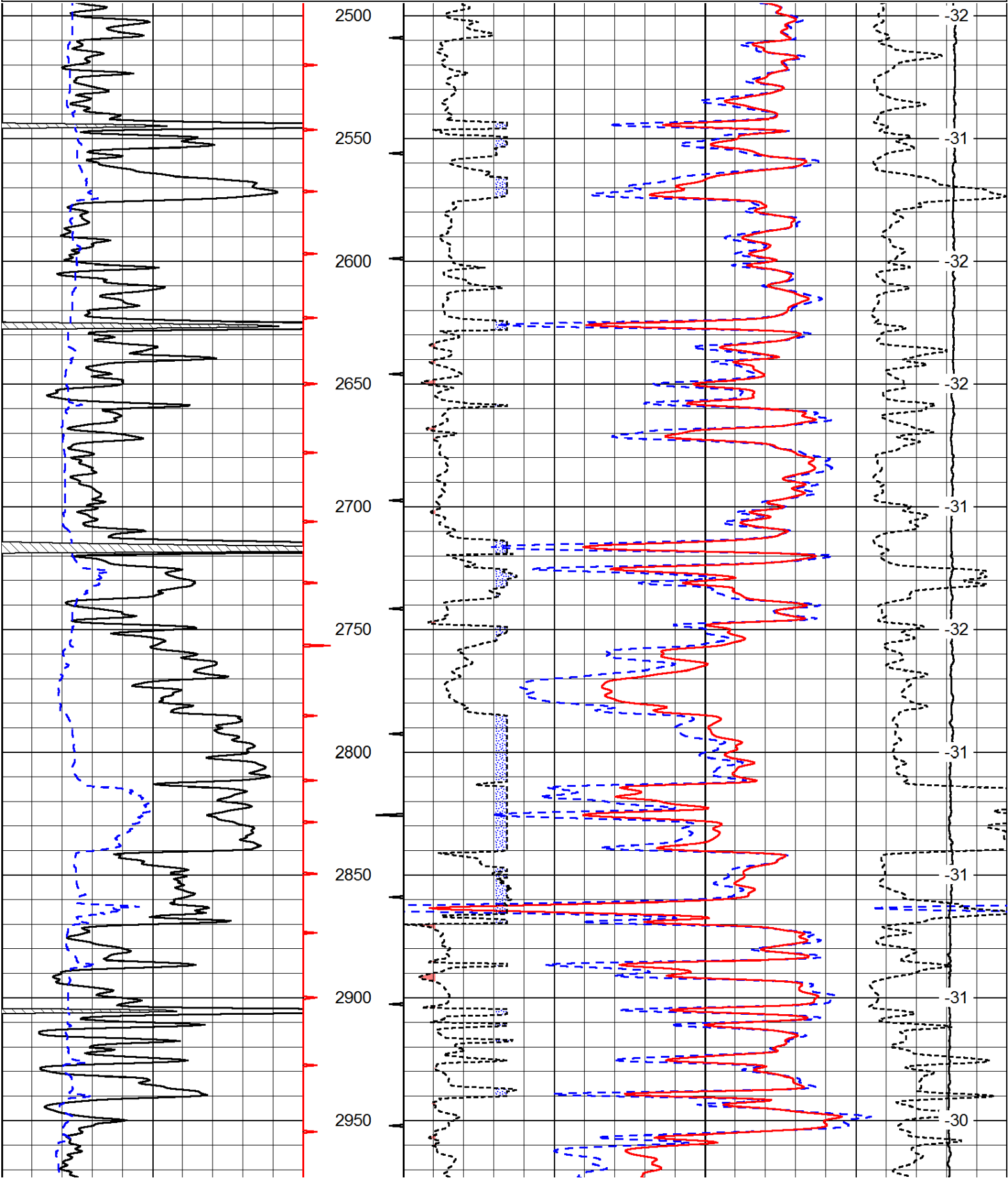
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

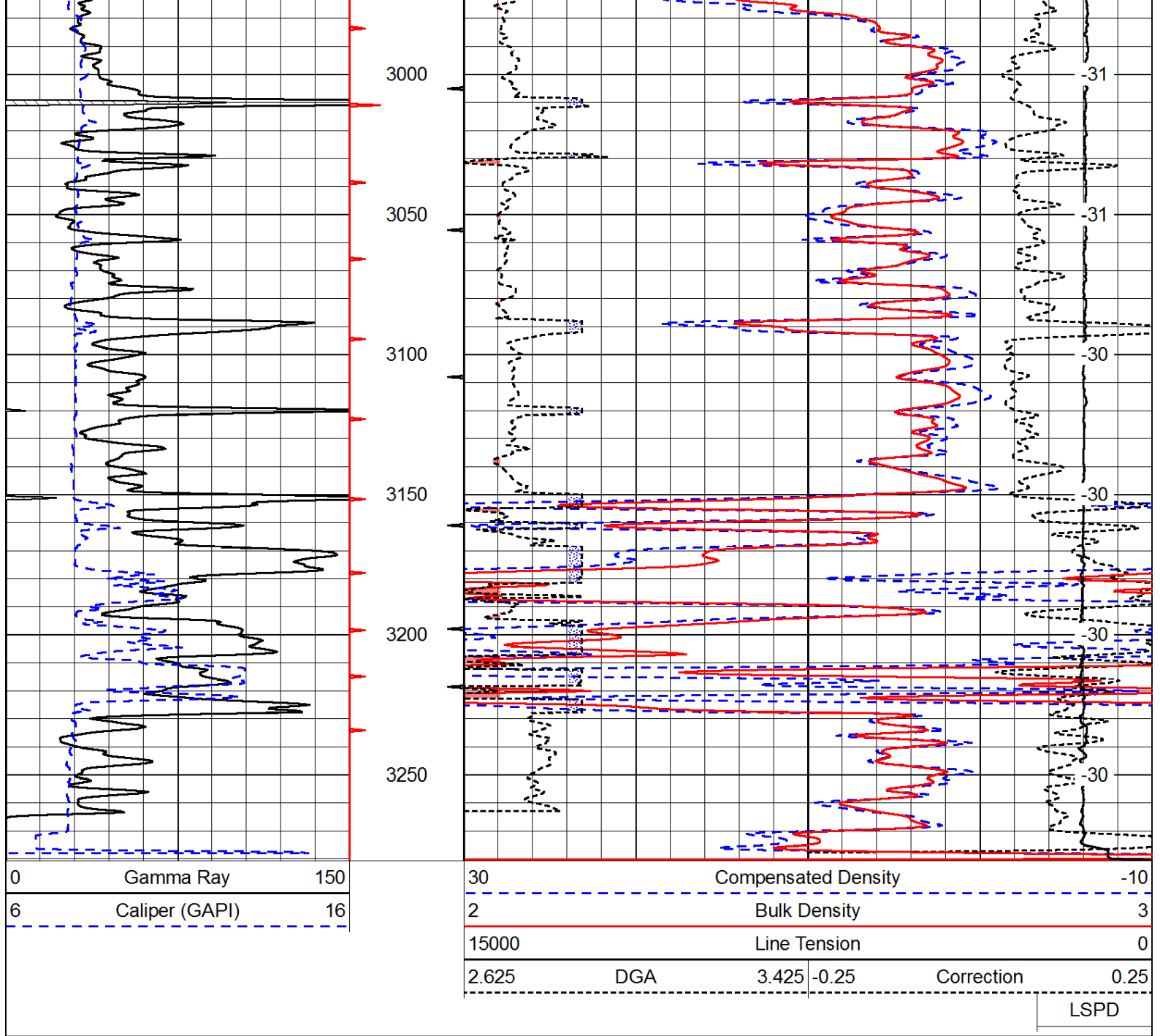
Chase KS, N to F Rd,
2 E, NW Into

Database File: c:\warrior\data\primal energy_skiles #28-1\primalhd.db
Dataset Pathname: ducp/prmlstk2
Presentation Format: cdl
Dataset Creation: Wed May 14 04:57:47 2014
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\primal energy_skiles #28-1\primalhd.db
Dataset Pathname: ducp/prmlstk2
Presentation Format: cndlspec
Dataset Creation: Wed May 14 04:57:47 2014
Charted by: Depth in Feet scaled 1:240

