PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.	15-179-21,354-00-00
Company	Culbreath Oil & Gas Company, Inc.
Well	Dubois No. 3-36
Field	
County	Sheridan
State	Kansas
Location	1,320' FSL & 2,310' FWL
Sec:	36
Twp:	9S
Rge:	26W
Other Services	DIL/MEL

Permanent Datum	Ground Level	Elevation 2591	
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		

Elevation
K.B. 2601
D.F.
G.L. 2591

Date	3/26/2014		
Run Number	One		
Type Log	CNL / CDL		
Depth Driller	4150		
Depth Logger	4152		
Bottom Logged Interval	4131		
Top Logged Interval	3500		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	4000		
Density	9.4		
Level	Full		
Max. Rec. Temp. F	118		
Operating Rig Time	4 1/2 Hours		
Equipment -- Location	108 / Hays		
Recorded By	J. Long		
Witnessed By	Steve Murphy		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	264	8.625	23#	00	264
Two	7.875	264	TD				

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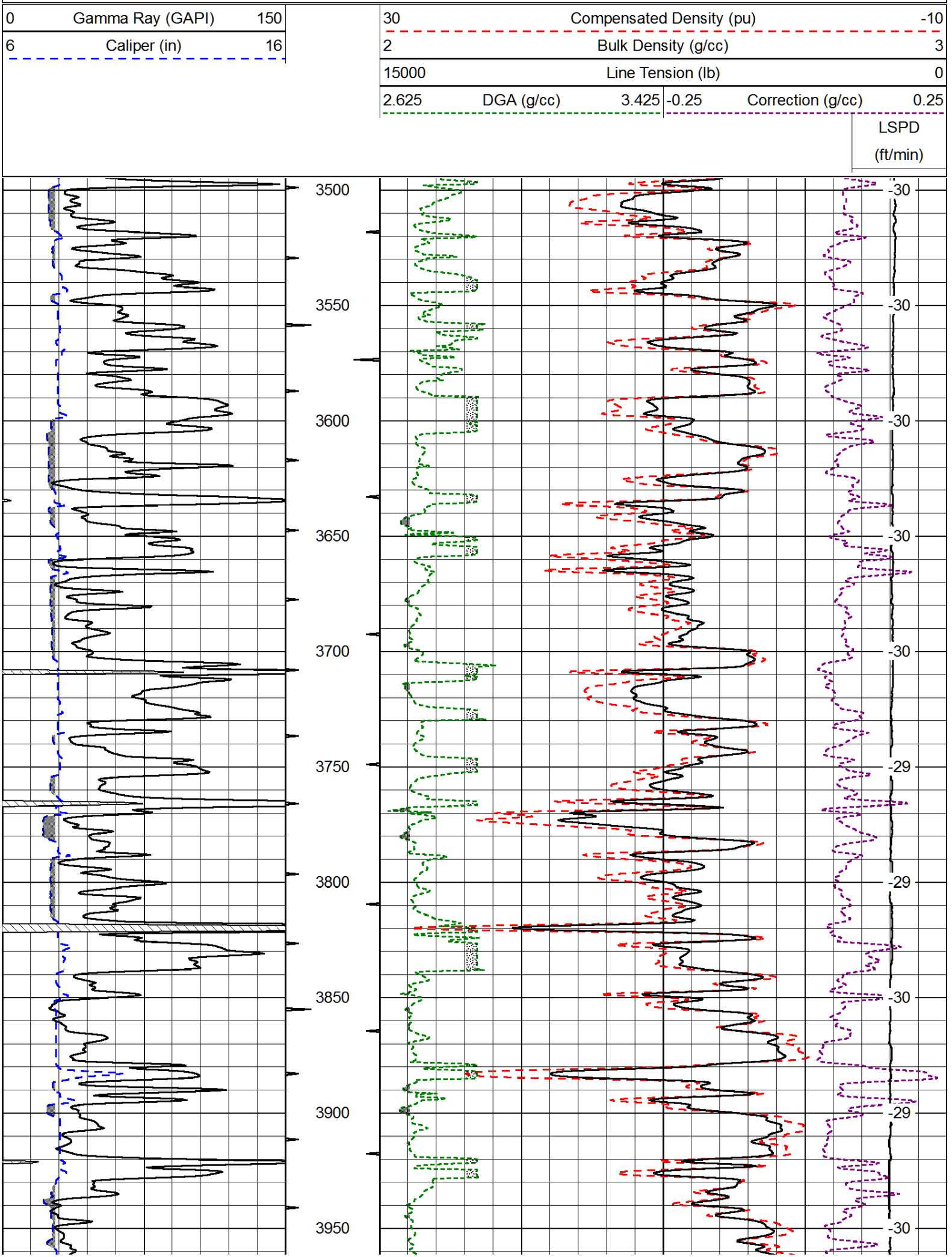
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

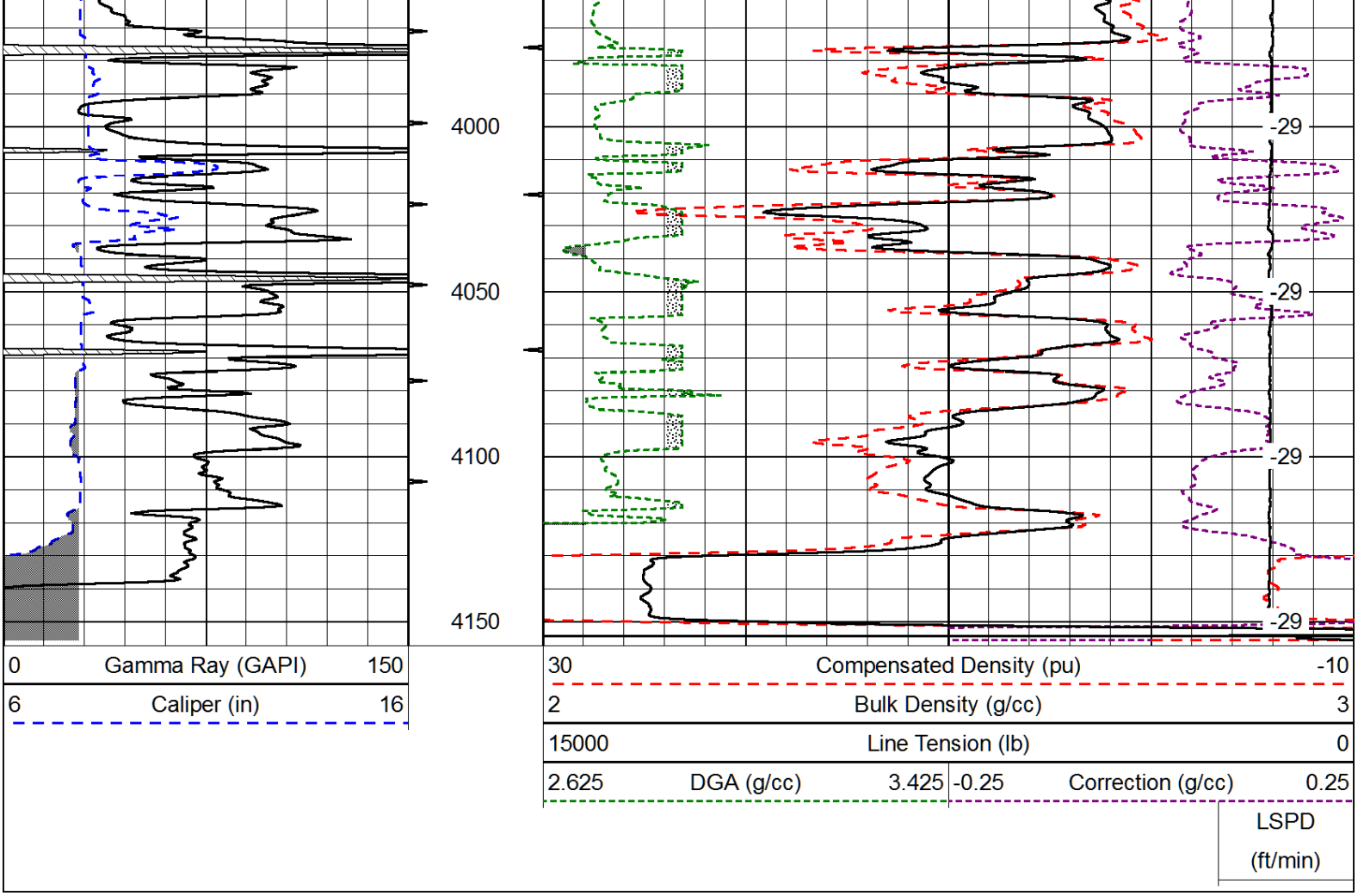
Comments

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

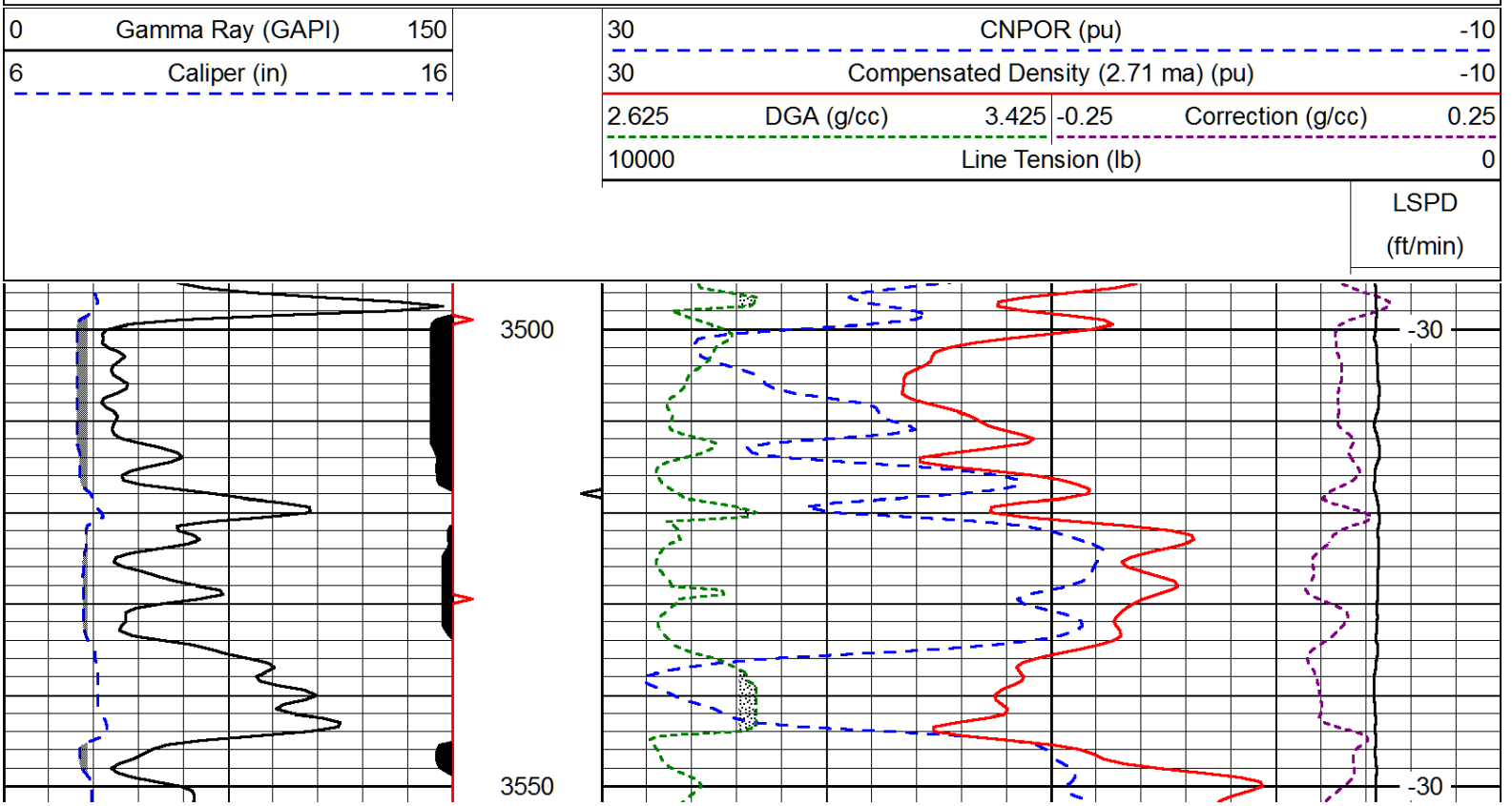
Collyer, West on old 40 Highway to 78 Road, 11 North, 1/4 East, North Into

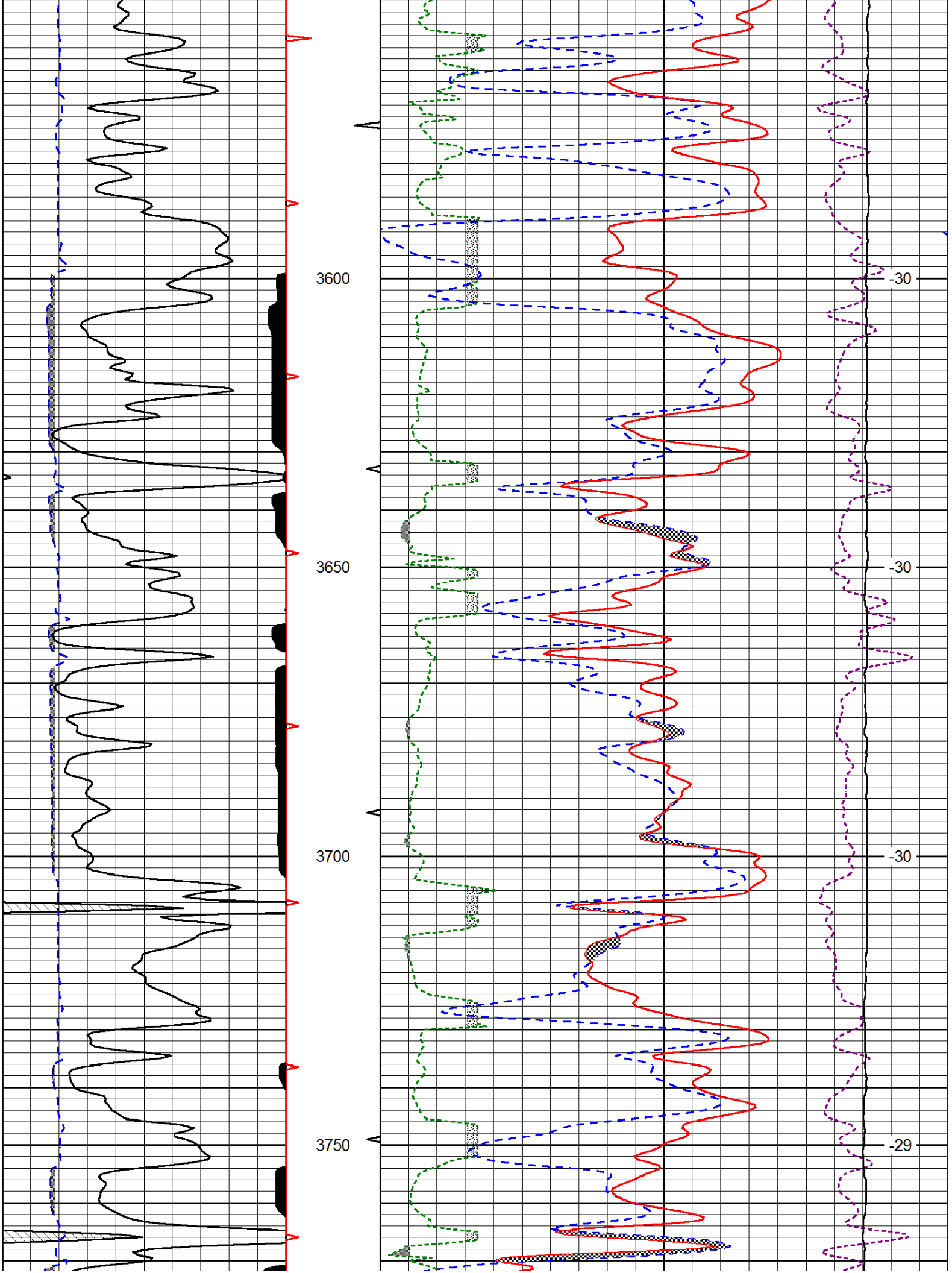
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Presentation Format:	cdl
Dataset Creation:	Wed Mar 26 03:18:16 2014
Charted by:	Depth in Feet scaled 1:600

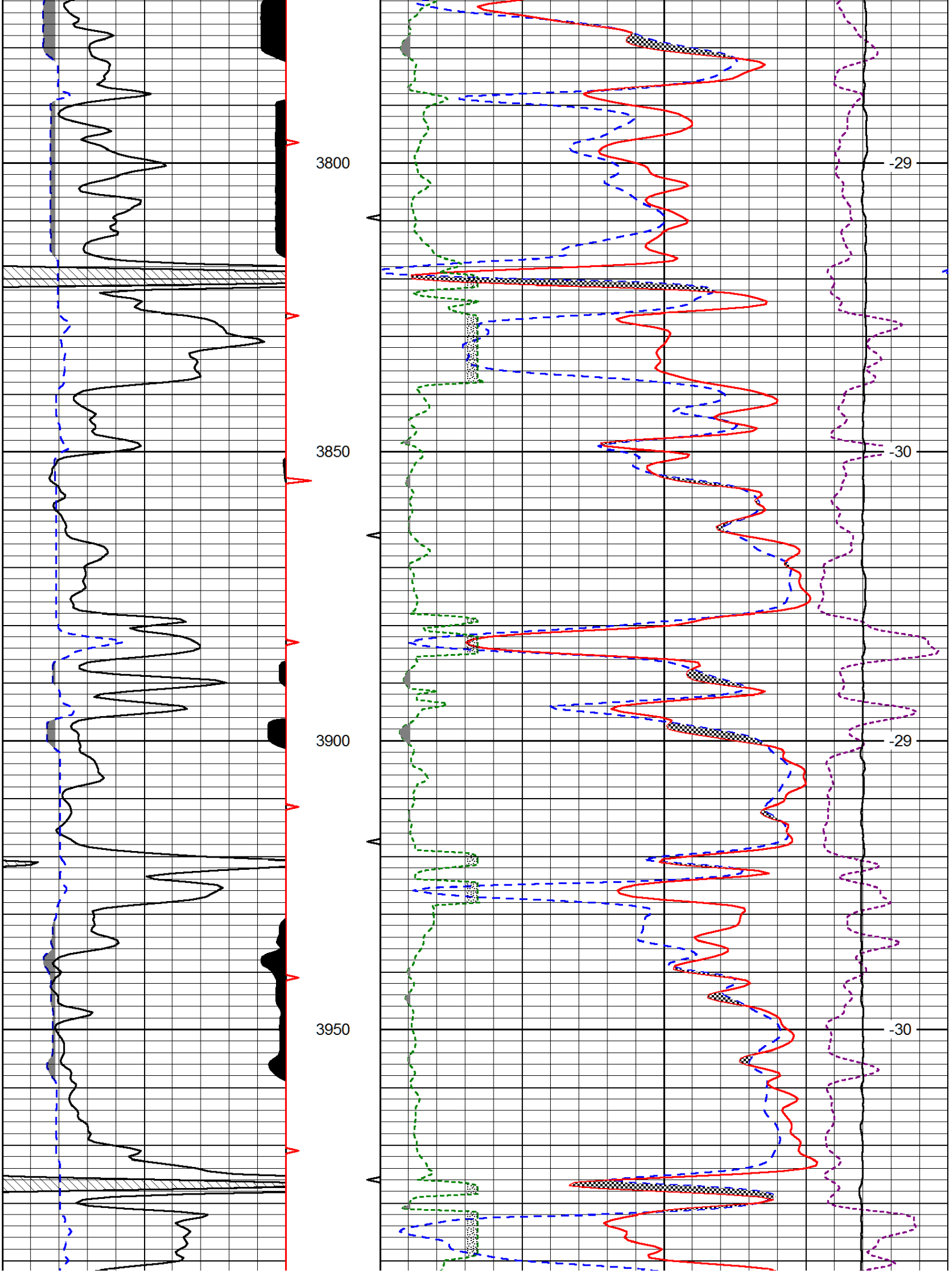

0 Gamma Ray (GAPI) 150
6 Caliper (in) 16
30 Compensated Density (pu) -10
2 Bulk Density (g/cc) 3
15000 Line Tension (lb) 0
2.625 DGA (g/cc) 3.425
-0.25 Correction (g/cc) 0.25
LSPD
(ft/min)
3500
3550
3600
3650
3700
3750
3800
3850
3900
3950
-30
-30
-30
-30
-30
-29
-29
-30
-29
-30

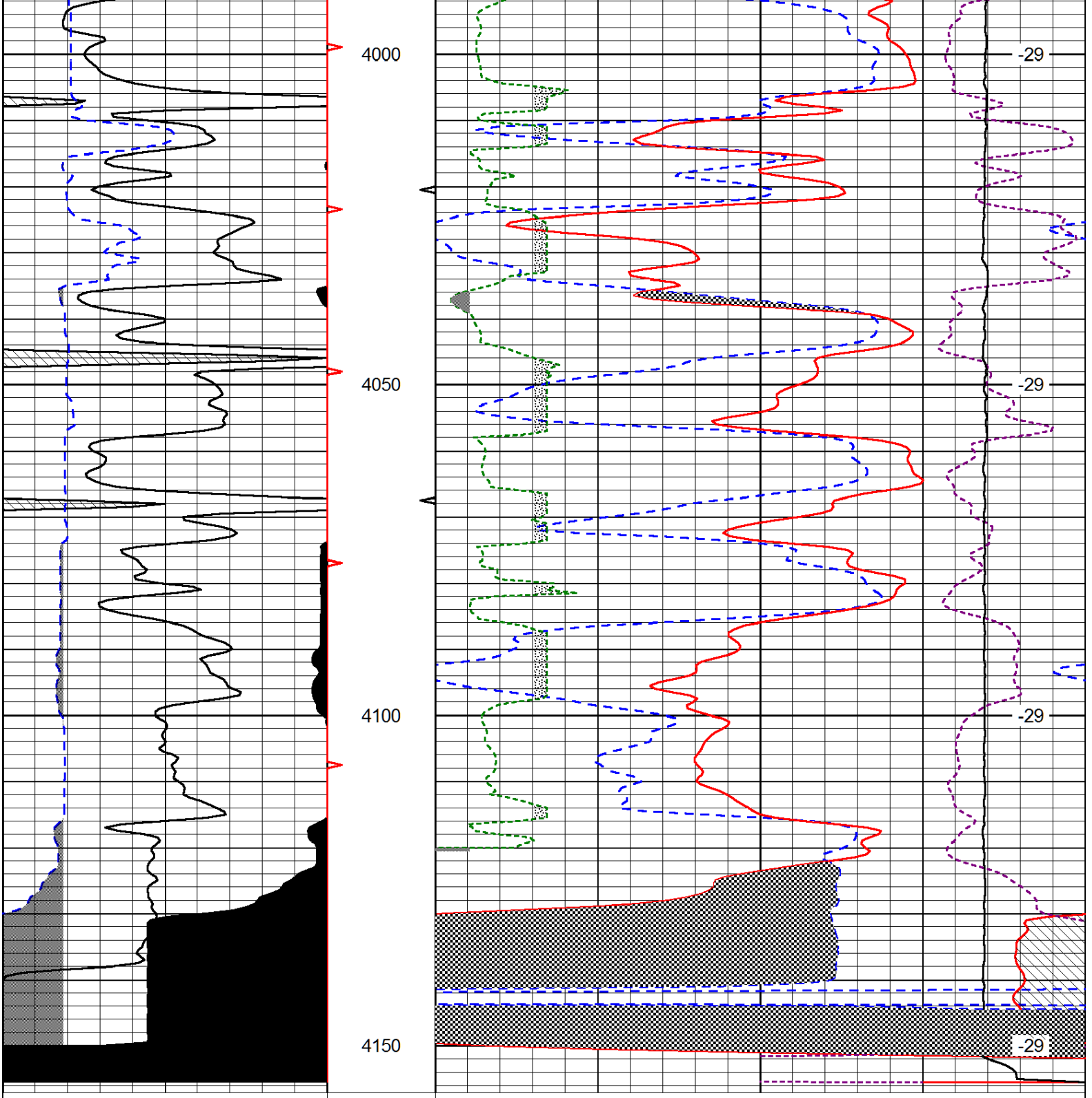


Database File: culbreath_dubois_3-36hd.db
Dataset Pathname: dil/culstck
Presentation Format: cndlspec
Dataset Creation: Wed Mar 26 03:18:16 2014
Charted by: Depth in Feet scaled 1:240




3600
3650
3700
3750
-30
-30
-30
-29


3800
3850
3900
3950
-29
-30
-29
-30



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

30	CNPOR (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)