



DUAL COMP POROSITY LOG

Company CARMEN SCHMITT, INC.
 Well SWEETHEART #1
 Field BAYER
 County STAFFORD
 State KANSAS

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 Field BAYER
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Location: API #: 15-185-23941-00-00
 1594' FSL & 2310' FWL
 SEC 20 TWP 21S RGE 14W
 Permanent Datum GROUND LEVEL Elevation 1940
 Log Measured From KELLY BUSHING
 Drilling Measured From KELLY BUSHING
 Other Services DIL MEL/BHCS
 Elevation K.B. 1948
 D.F. N/A
 G.L. 1940

Date	7/22/2015						
Run Number	ONE						
Type Log	CNL/CDL/ML/DIL						
Depth Driller	3860						
Depth Logger	3859						
Bottom Logged Interval	3838						
Top Logged Interval	1800						
Type Fluid In Hole	CHEMICAL						
Salinity, PPM CL	10500						
Density	9.2						
Level	FULL						
Max. Rec. Temp. F	115						
Operating Rig Time	6 HOURS						
Equipment -- Location	91 Hays						
Recorded By	D. SCHMIDT						
Witnessed By	BRAD RINE						
Borehole Record							
Run No.	Bit	From	To	Size	Wgt.	From	To
ONE	12.25	00	467	8.625	23#	00	467
TWO	7.875	467	TD				
Casing Record							

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

RADIUM,
 2 NORTH TO 170TH, 1/2 EAST,
 NORTH INTO

Log Measured From: KELLY BUSHING 8 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

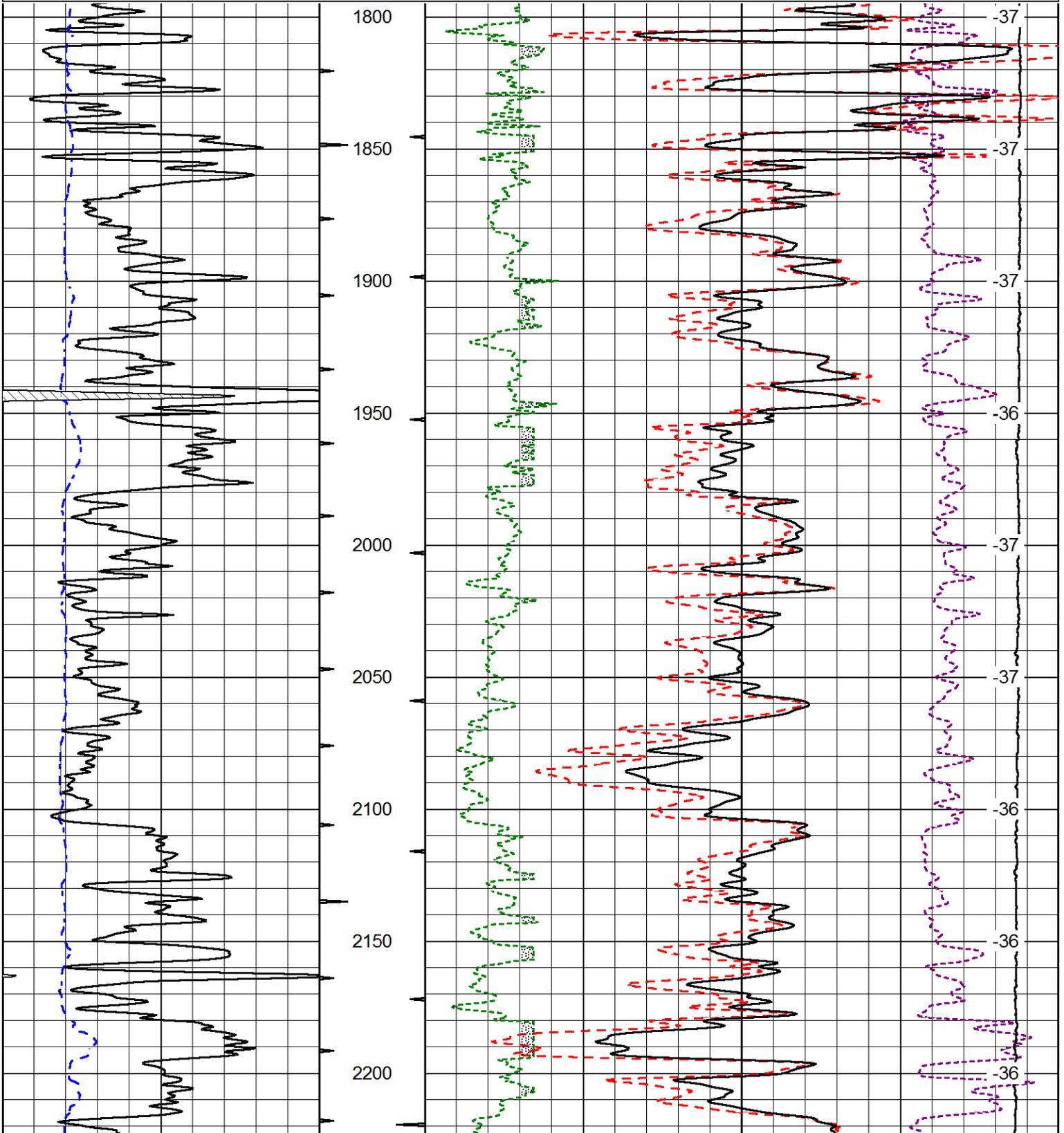
Your Pioneer Energy Services Crew Engineer: D. SCHMIDT Operator: Operator: Operator:	This Log Record Was Witnessed By Primary Witness: BRAD RINE Secondary Witness: Secondary Witness: Secondary Witness:
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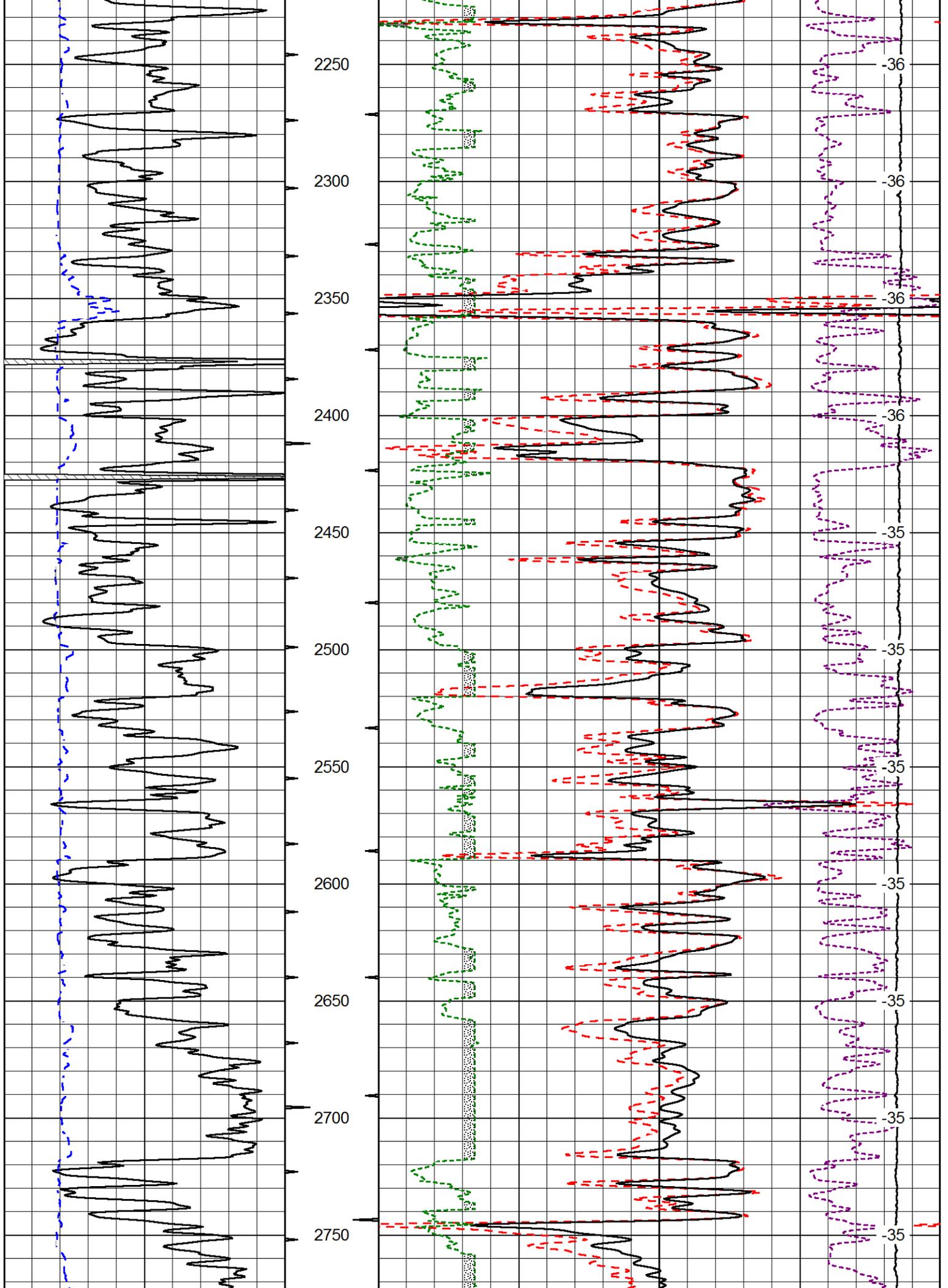
Database File carmen schmitt_sweetheart_1hd.db
 Dataset Pathname DIL/csstack
 Presentation Format cdl
 Dataset Creation Wed Jul 22 03:34:57 2015
 Charted by Depth in Feet scaled 1:600

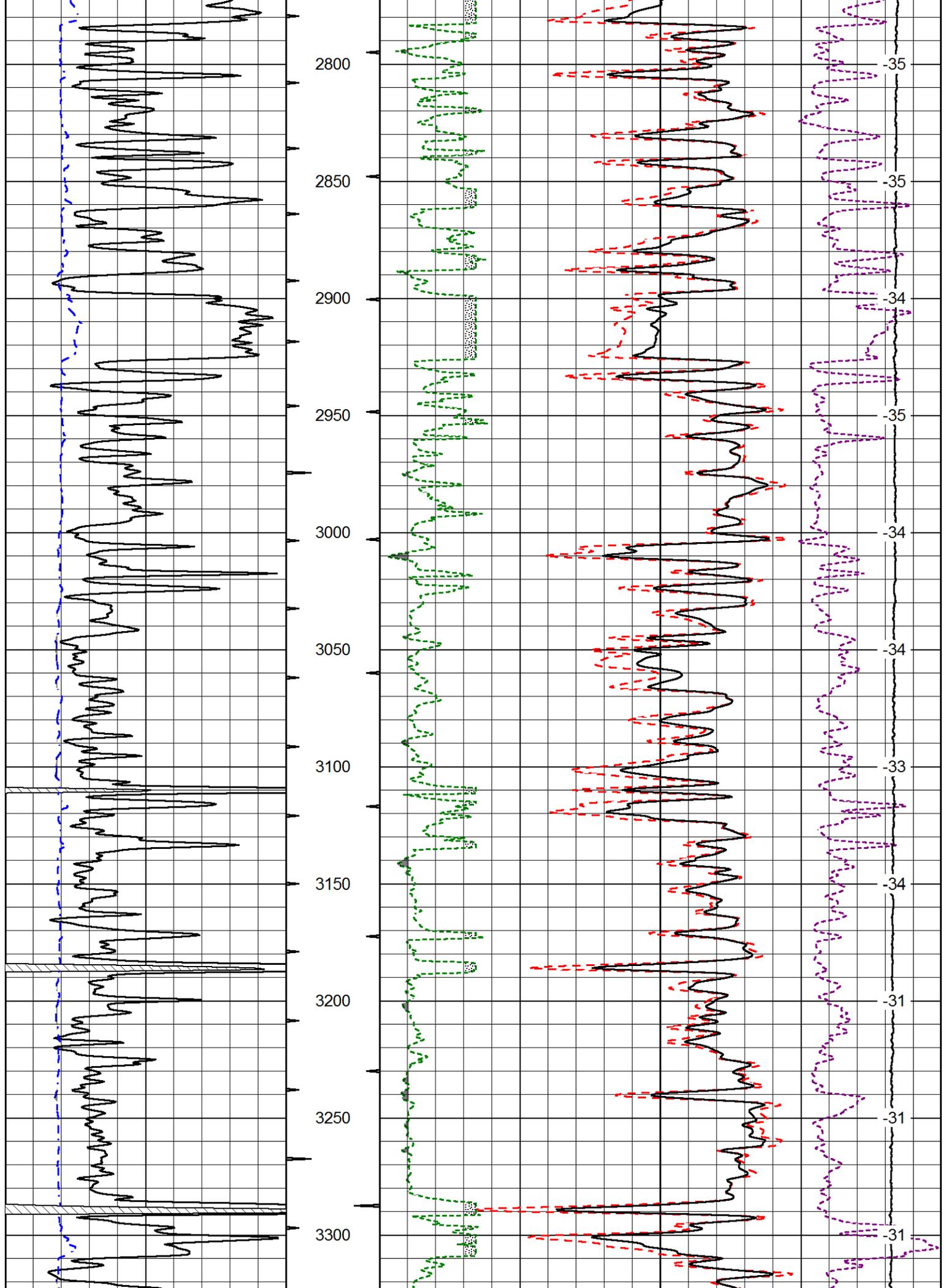
0 Gamma Ray (GAPI) 150
 6 Caliper (in) 16

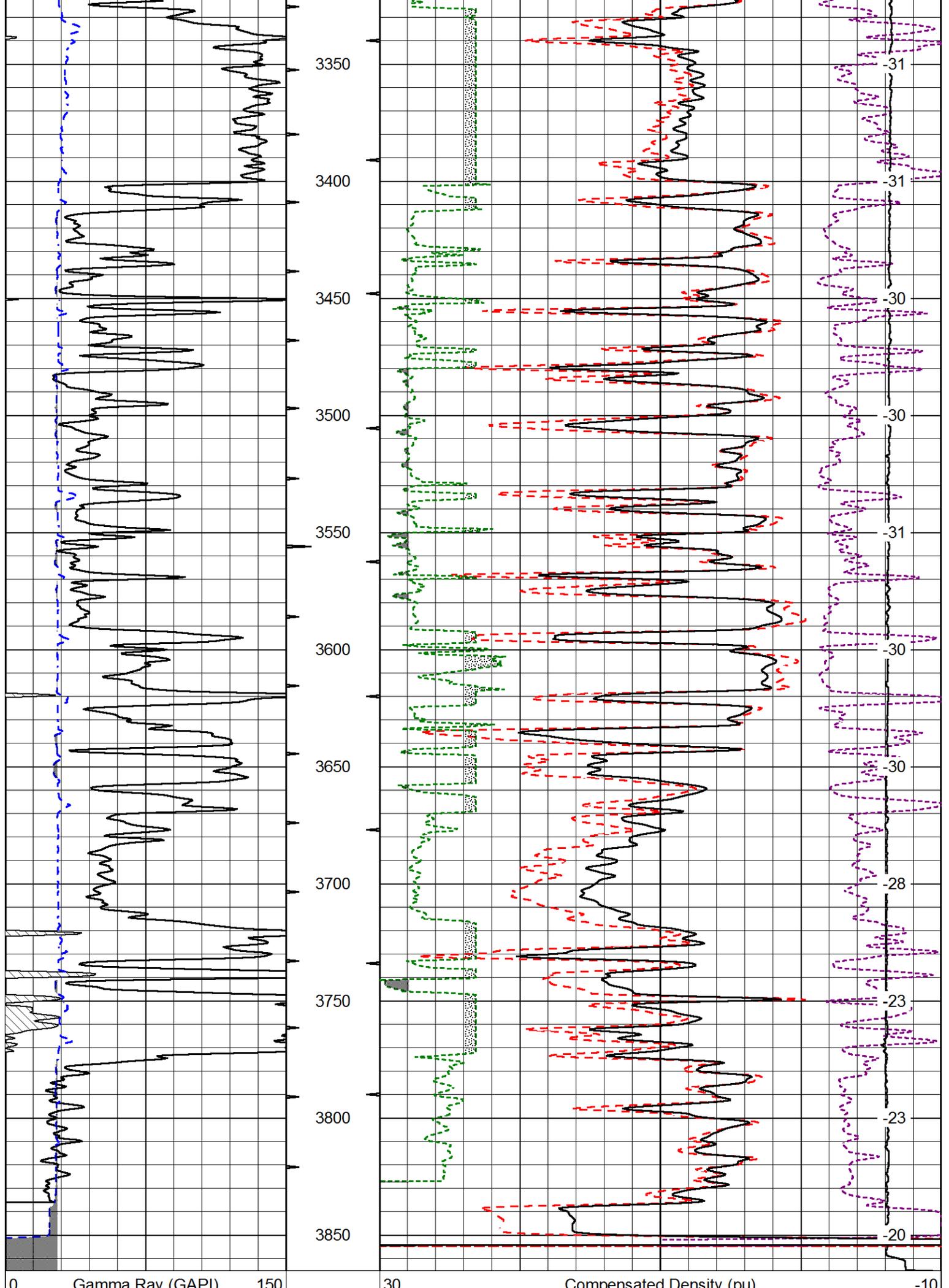
30 Compensated Density (pu) -10
 2 Bulk Density (g/cc) 3
 15000 Line Tension (lb) 0
 2.625 DGA (g/cc) 3.425 -0.25 Correction (g/cc) 0.25

LSPD
 (ft/min)









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

2	Compensated Density (pu)			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: carmen schmitt_sweetheart_1hd.db
 Dataset Pathname: DIL/csstack
 Presentation Format: cndlspec
 Dataset Creation: Wed Jul 22 03:34:57 2015
 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	
10000	Line Tension (lb)			0	
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
LSPD (ft/min)					

