



# DUAL COMP POROSITY LOG

Company AMERICAN WARRIOR, INC.  
 Well NAIRN NO. 1-26  
 Field WILDCAT  
 County STANTON  
 State KANSAS

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Location: API #: 15-187-21328-00-00  
 1,859' FSL & 1,942' FWL  
 SEC 26 TWP 28S RGE 41W  
 Permanent Datum GROUND LEVEL Elevation 3354'  
 Log Measured From KELLY BUSHING  
 Drilling Measured From KELLY BUSHING  
 Other Services DIL/MEL  
 K.B. 3366'  
 D.F. N/A  
 G.L. 3354'

Date	5/31/2016						
Run Number	ONE						
Type Log	CNL/CDL						
Depth Driller	5650'						
Depth Logger	5654'						
Bottom Logged Interval	5625'						
Top Logged Interval	3600'						
Type Fluid In Hole	CHEMICAL						
Salinity, PPM CL	900						
Density	9.3						
Level	FULL						
Max. Rec. Temp. F	133 DEG.F.						
Operating Rig Time	3 HOURS						
Equipment -- Location	108 COLBY						
Recorded By	J. LONG						
Witnessed By	KEVIN TIMSON						
Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
ONE	12.25"	00'	1745'	8.625"	23#	00'	1745'
TWO	7.875"	1745'		TD			

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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.  
 JOHNSON CITY, HIGHWAY 27 AND ROAD 12 INTERSECTION, 1 WEST, 1/2 NORTH, EAST INTO

Log Measured From: KELLY BUSHING 12 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES  
[www.pioneerenergy.com](http://www.pioneerenergy.com) 785-625-3858

Your Pioneer Energy Services Crew	This Log Record Was Witnessed By
Engineer: J. LONG	Primary Witness: KEVIN TIMSON
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator: J. HENRICKSON	Secondary Witness:

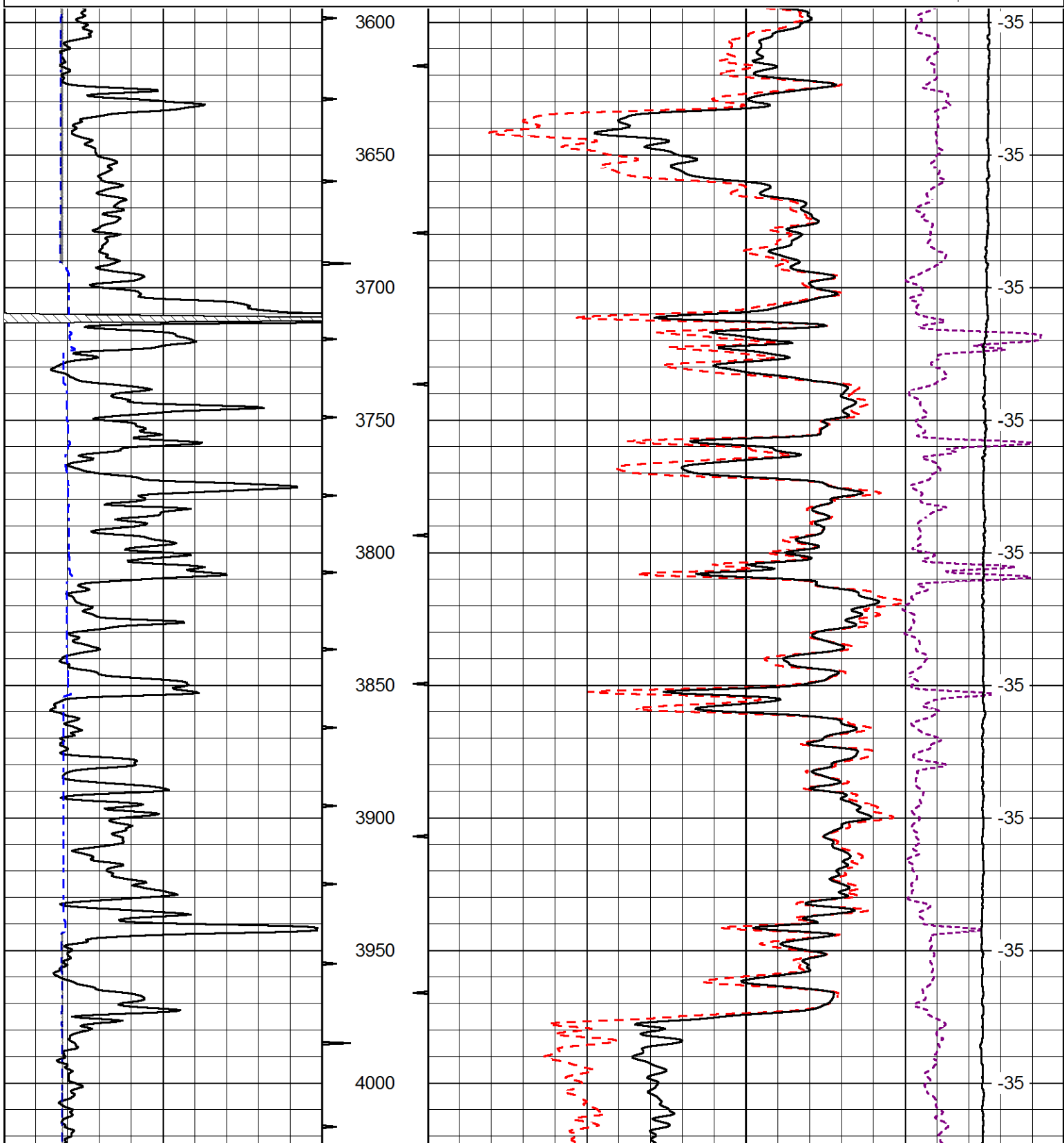
Database File amwar\_nairn\_#1-26\americanwarrior\_nairn\_1-26hd.db  
 Dataset Pathname DIL/awstck  
 Presentation Format cdl  
 Dataset Creation Wed Jun 01 09:53:58 2016  
 Charted by Depth in Feet scaled 1:600

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

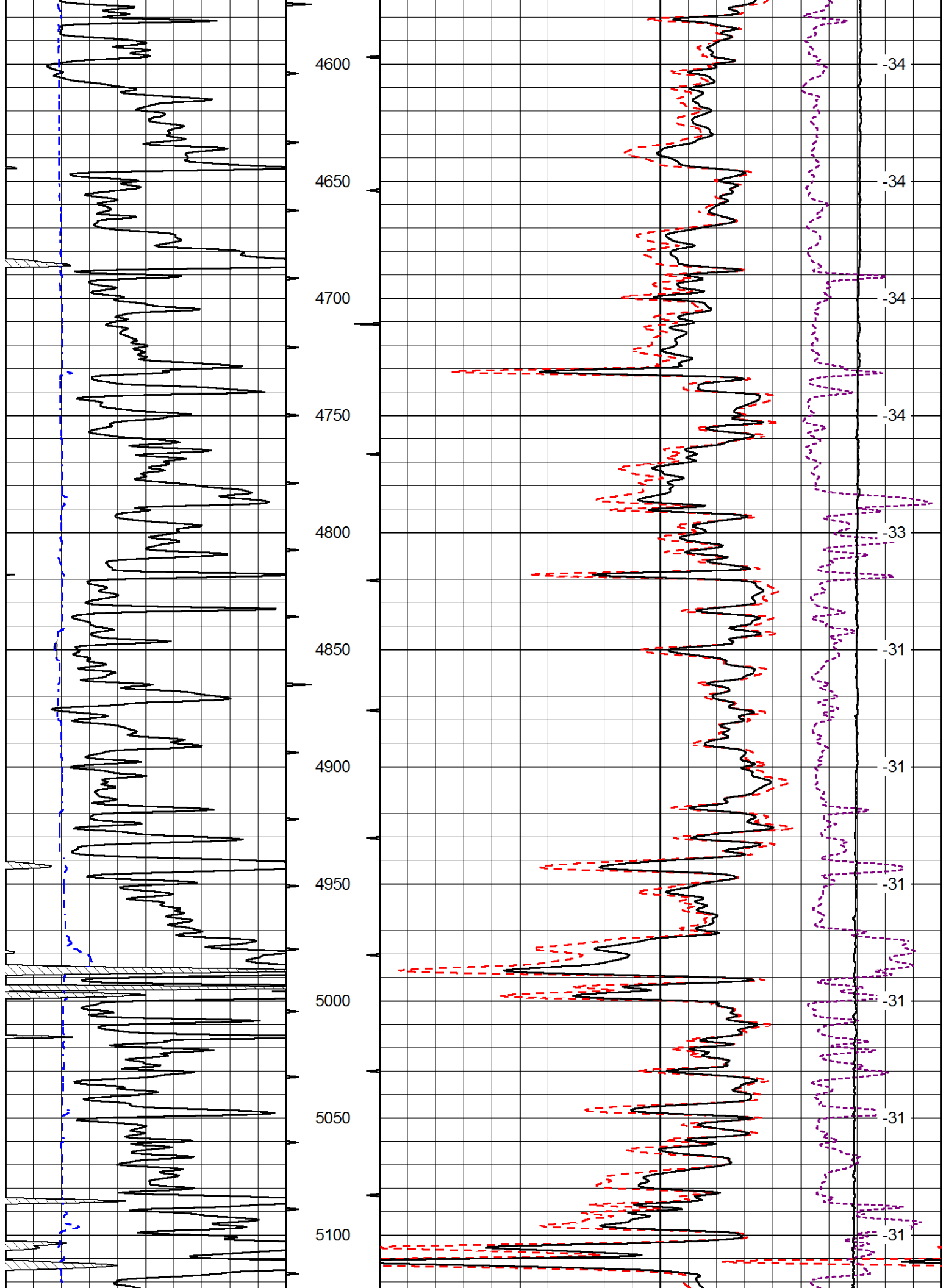
30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
15000	Line Tension (lb)	0

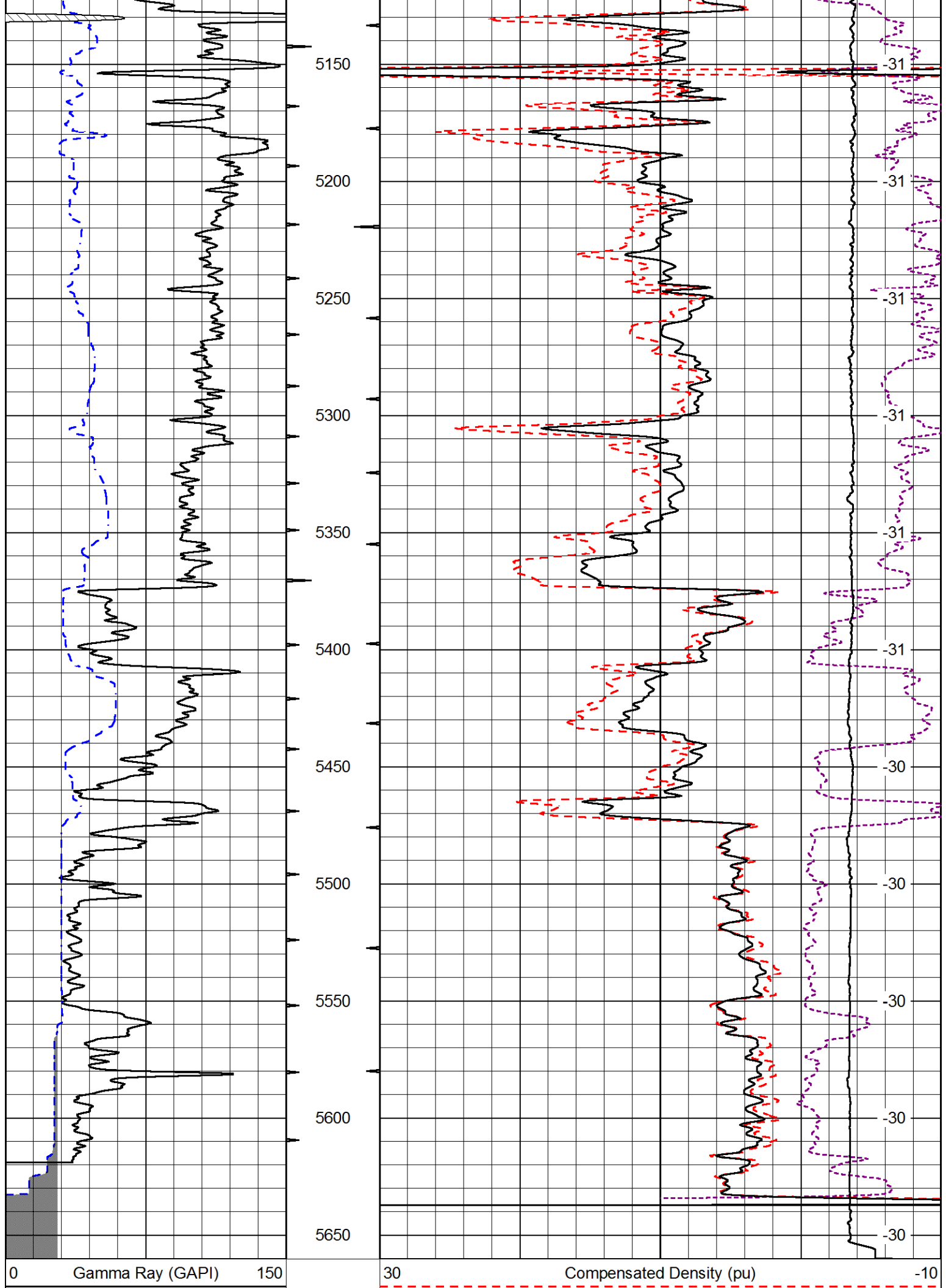
-0.25 Correction (g/cc) 0.25

LSPD  
(ft/min)









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: amwar\_nairn\_#1-26\americanwarrior\_nairn\_1-26hd.db  
 Dataset Pathname: DIL/awstck  
 Presentation Format: cndlspec  
 Dataset Creation: Wed Jun 01 09:53:58 2016  
 Charted by: Depth in Feet scaled 1:240

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)	

