

Sensor	Offset (ft)	Schematic		Description	Length (ft)	O.D. (in)	Weight (lb)		
GR	40.58			GR-M&W (89-M&W)	3.00	3.50	50.00		
CNLSC CNSSC	37.48 36.73			CNT-M&W (tk10-MW)	5.50	3.50	100.00		
LSD DCAL SSD	28.43 28.42 27.93			CDL-M&W (168-986)	8.50	4.00	250.00		
MCAL MI MN	19.83 19.83 19.83			ML-PSI STKBL ML (PSI-02) Stackable Microlog Tools	7.58	4.00	65.00		
RLL3 RLL3F	15.80 15.79								
CILD	8.00			DIL-M&W (PSI 978)	18.50	3.50	220.00		
CILM	4.70								
SP	0.20								
Dataset: palomino_kuntz_#1.db: field/well/stkml/pass3.1									
Total length: 43.08 ft									
Total weight: 685.00 lb									
O.D.: 4.00 in									

Log Variables

DatabaseC:\ProgramData\Warrior\Data\palomino_kuntz_#1.db
Dataset field/well/stkml/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	120	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	-110	30	Off	4430



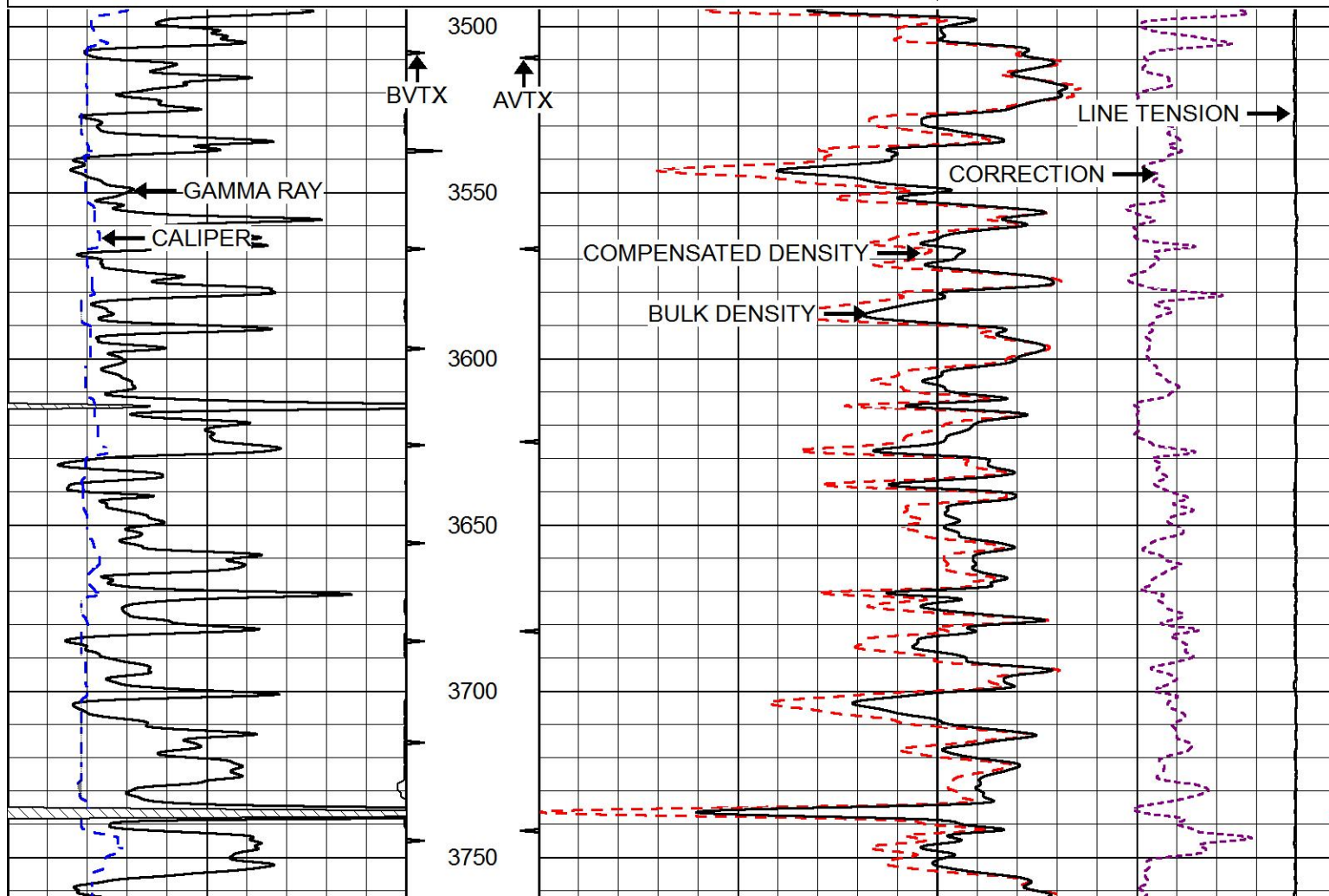
2" SCALE BULK DENSITY

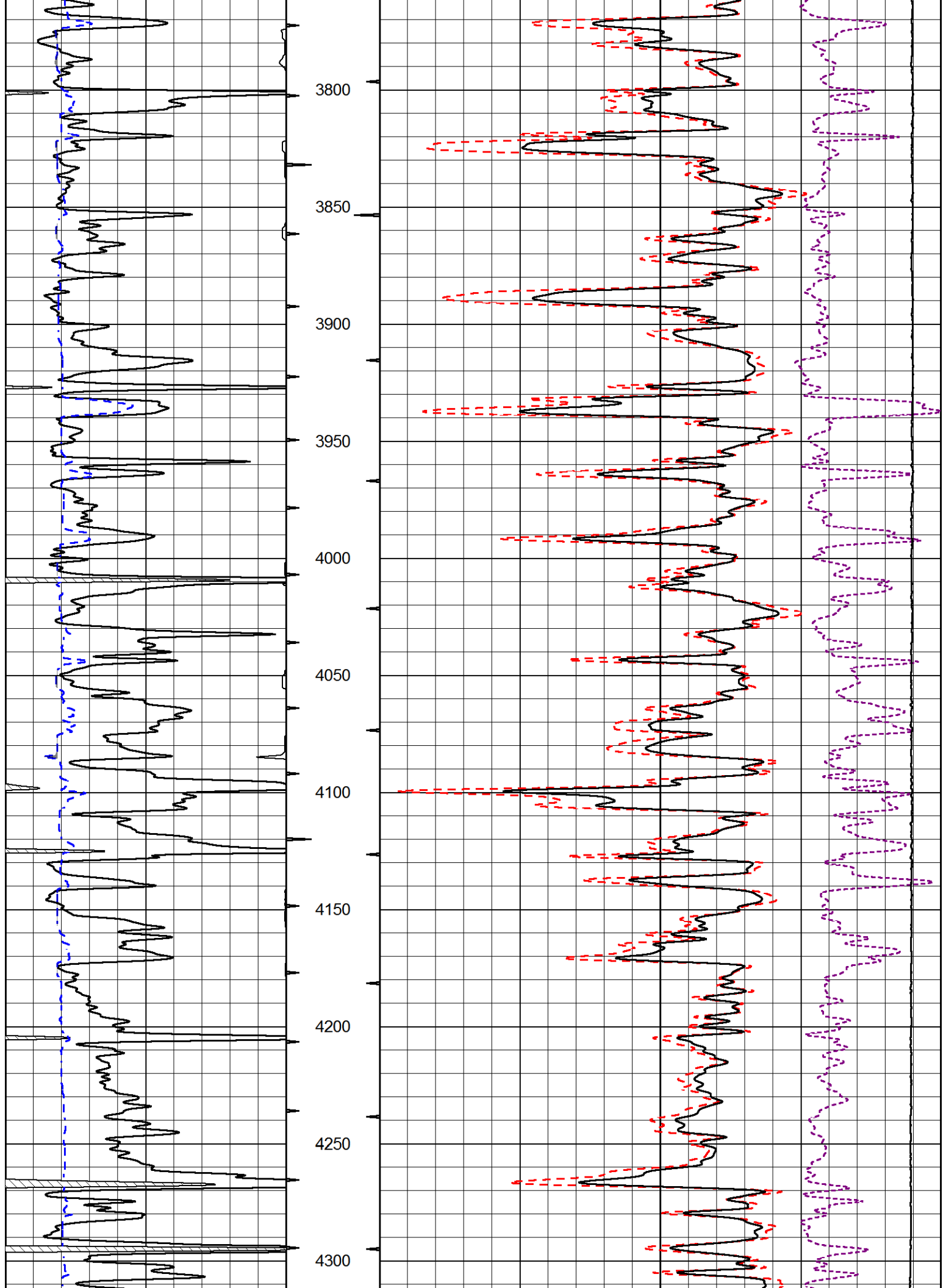
MAIN PASS

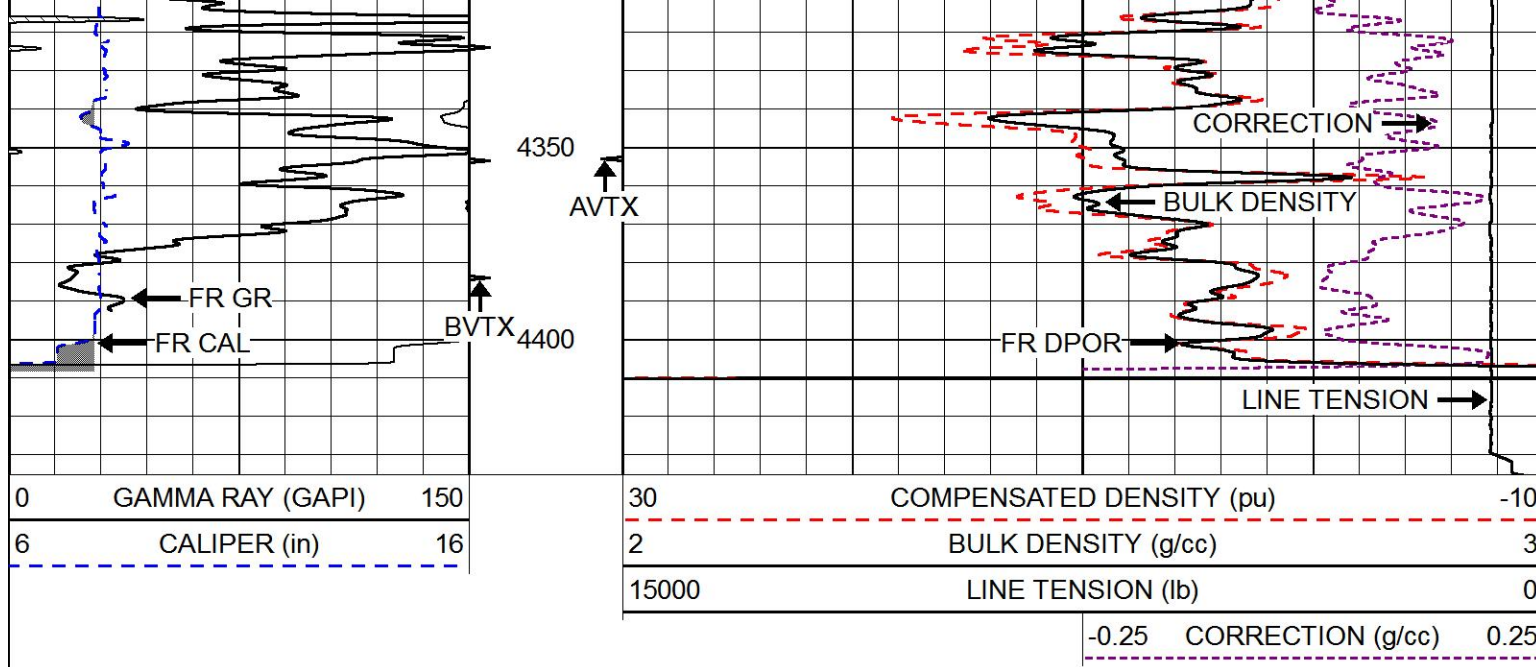
Database File palomino_kuntz_#1.db
Dataset Pathname stkml/pass3.3
Presentation Format cdl
Dataset Creation Sun Jan 14 08:49:40 2018
Charted by Depth in Feet scaled 1:600

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





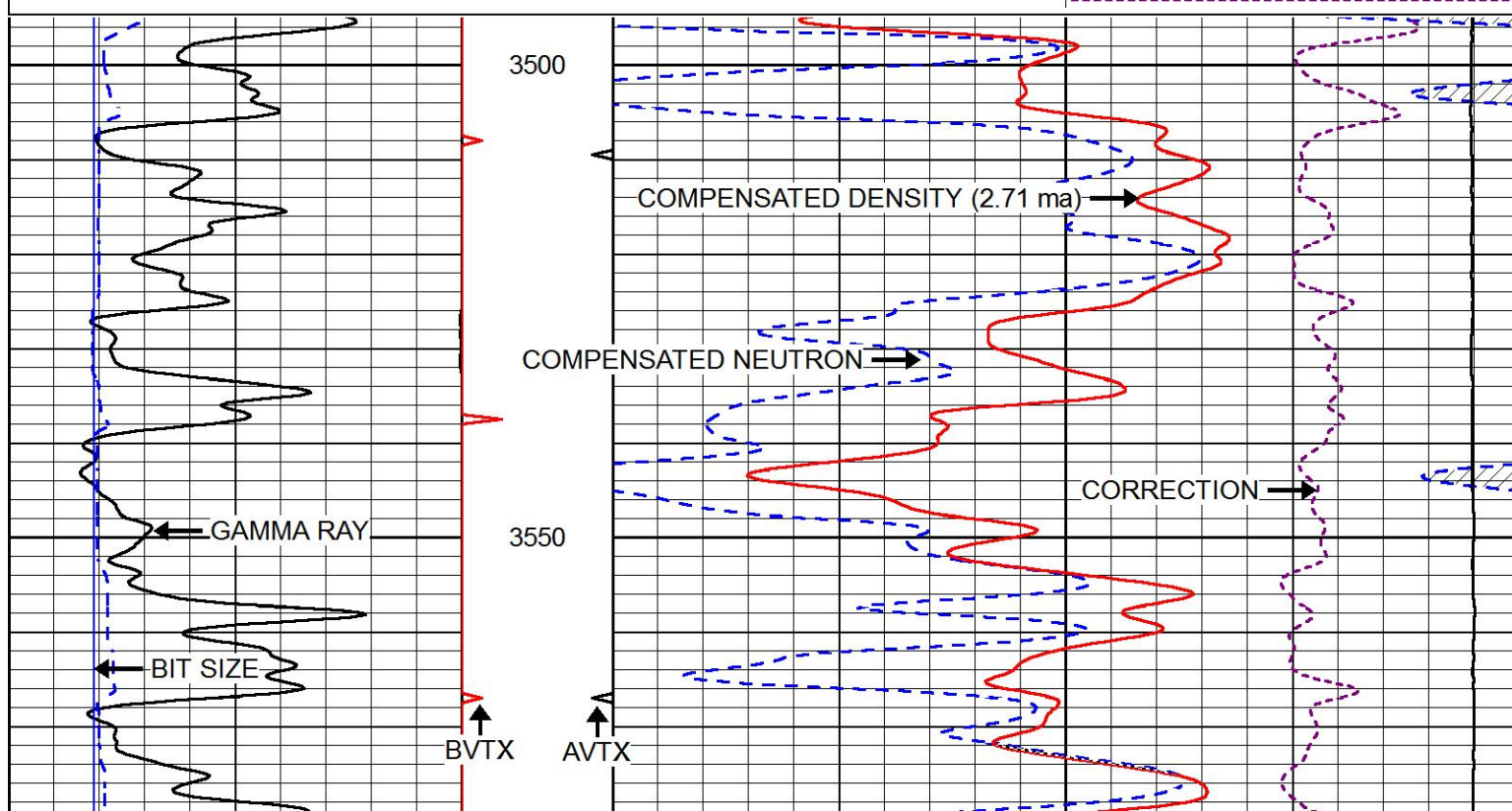


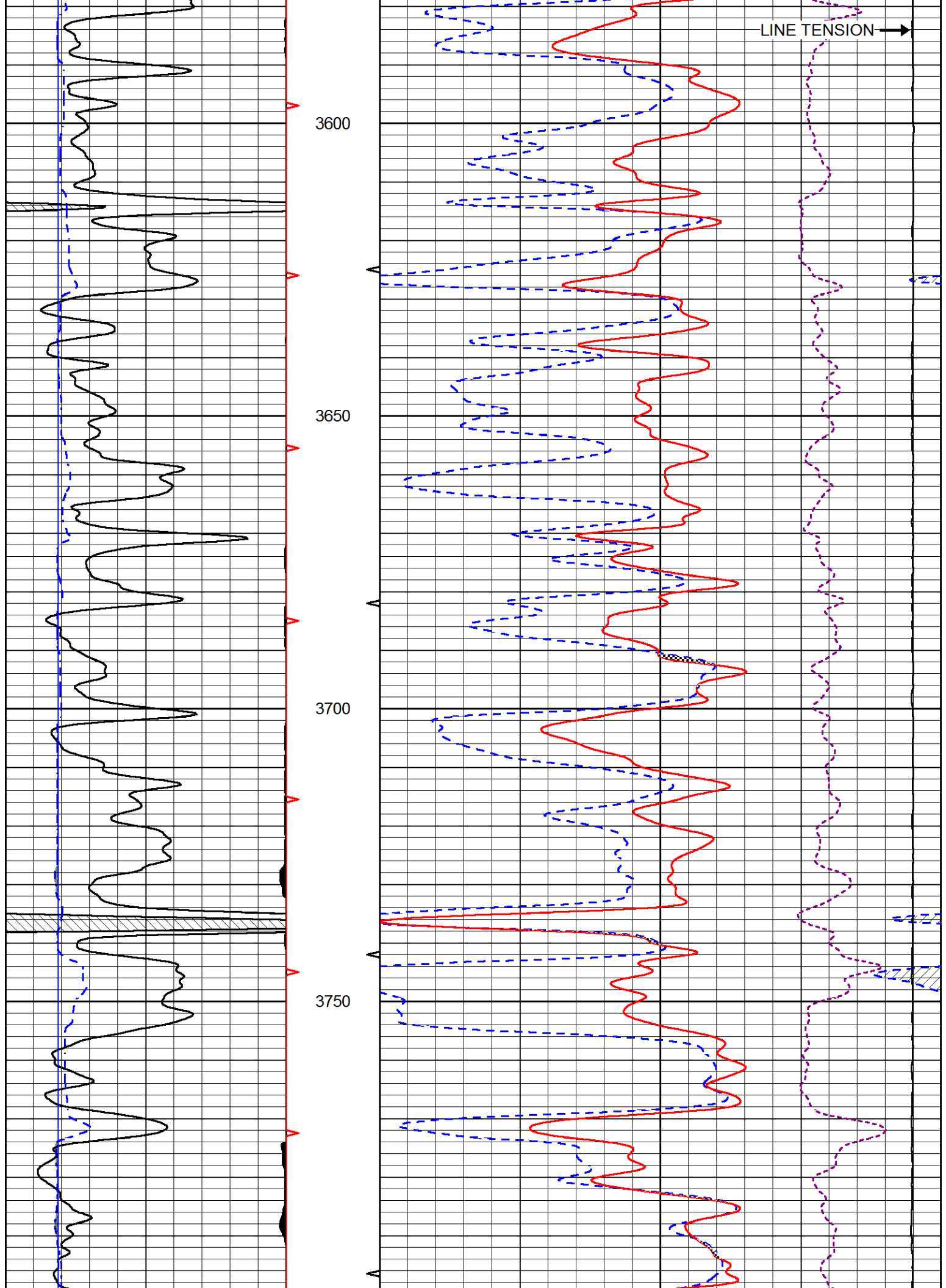
MAIN PASS

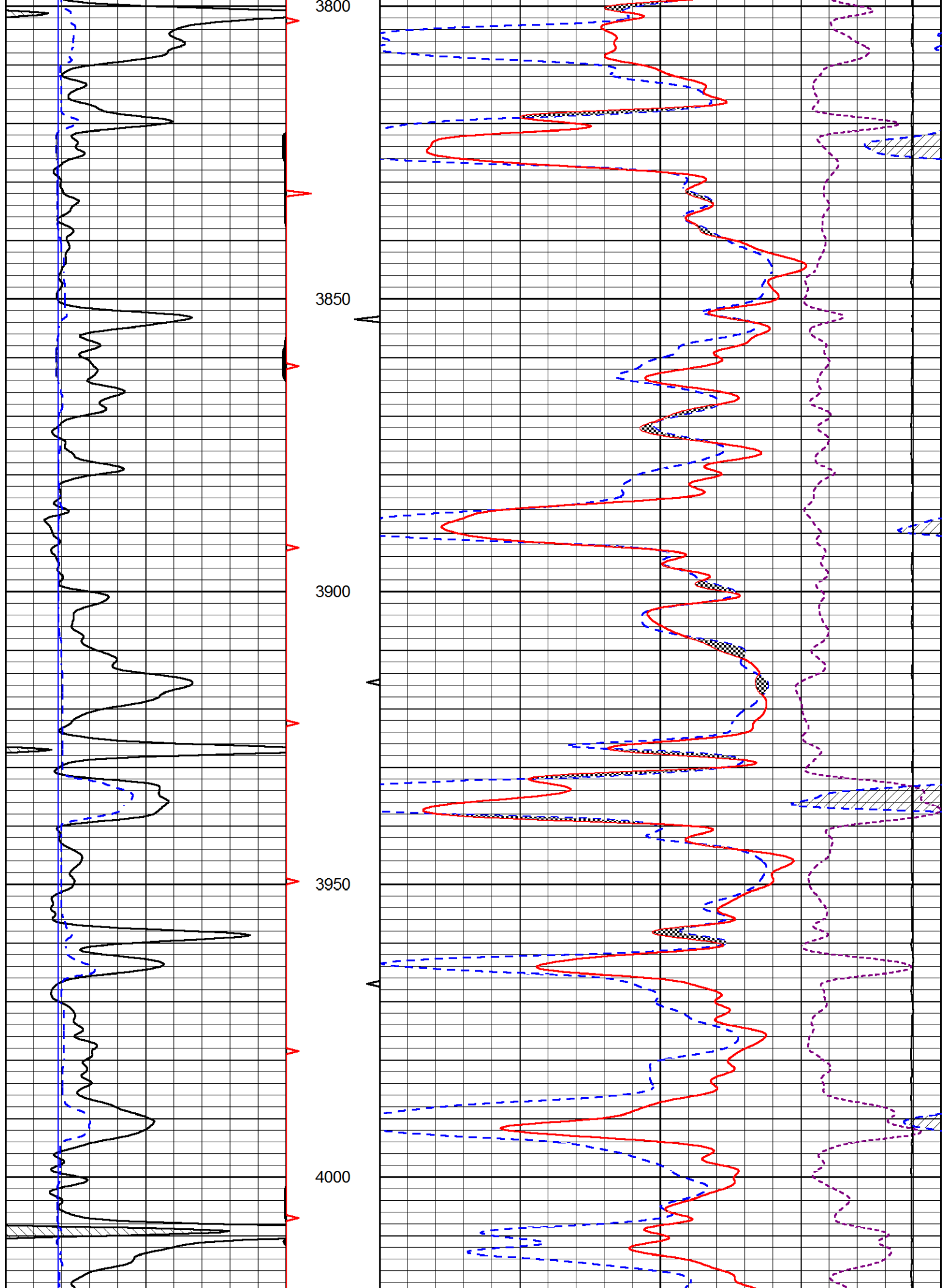
Database File	palomino_kuntz_#1.db
Dataset Pathname	stkml/pass3.1
Presentation Format	cnldspec
Dataset Creation	Sun Jan 14 09:20:52 2018
Charted by	Depth in Feet scaled 1:240

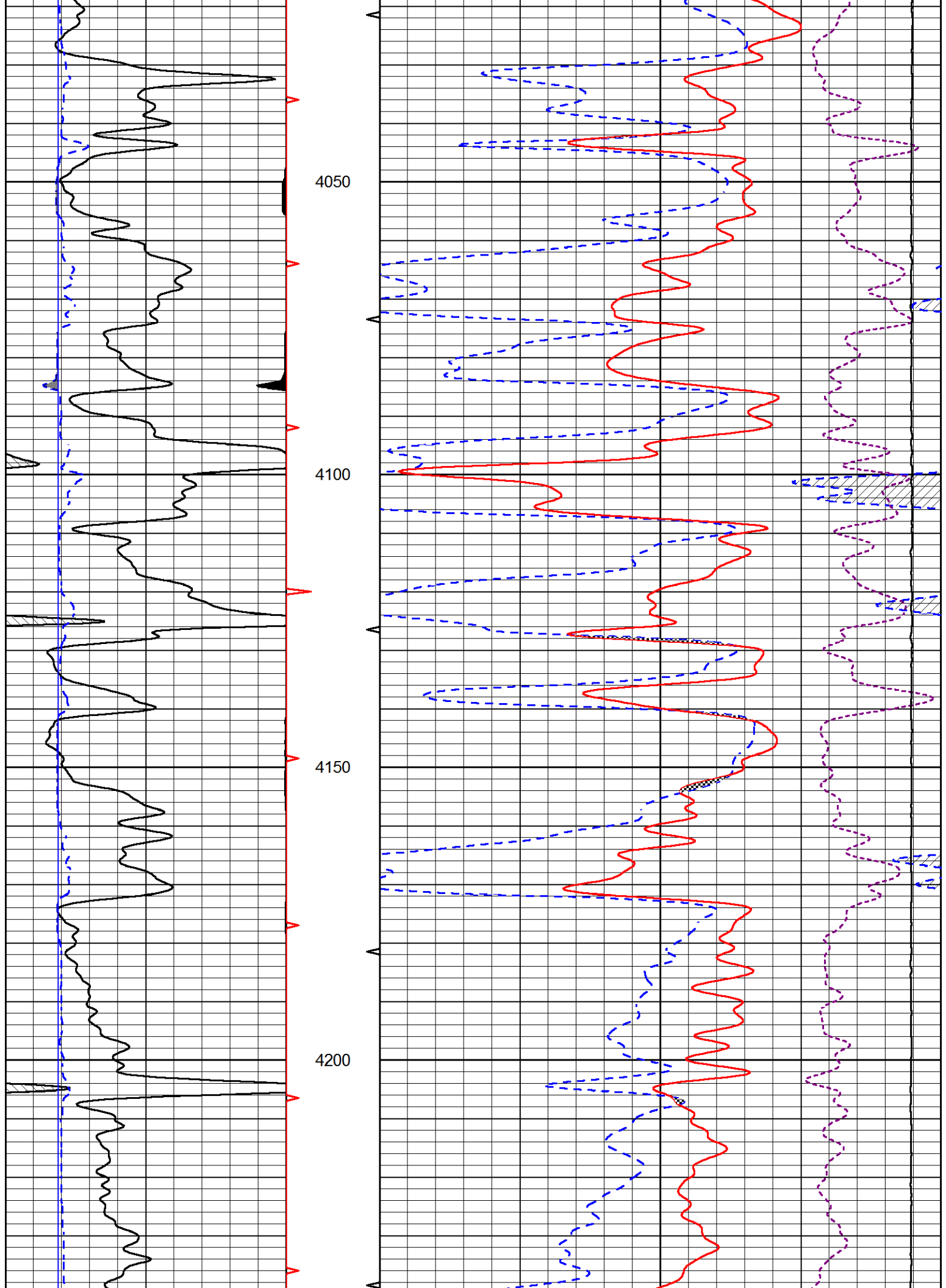
0	GAMMA RAY (GAPI)	150
6	dcal (in)	16
6	BIT SIZE (in)	16

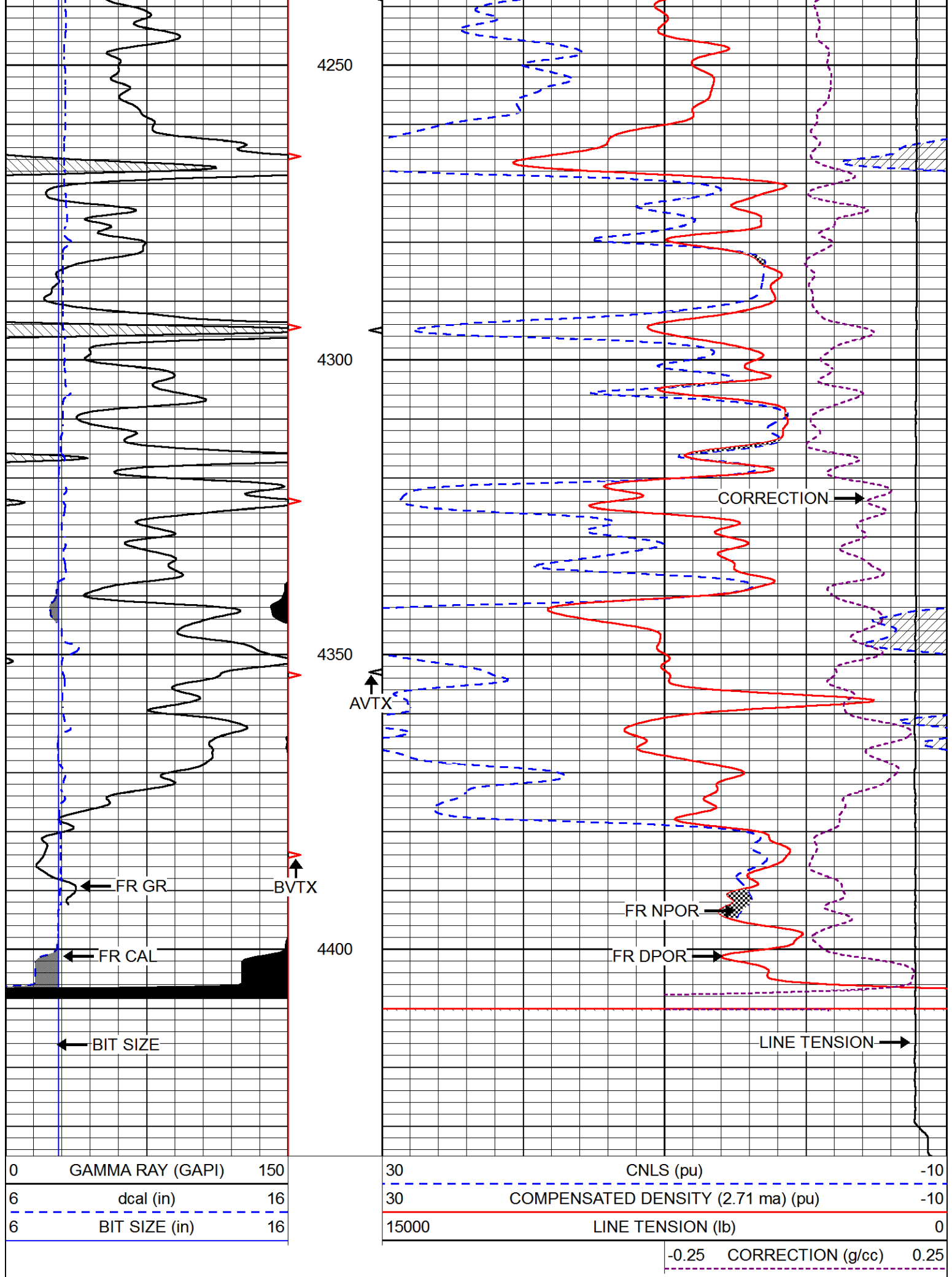
30	CNLS (pu)	-10
30	COMPENSATED DENSITY (2.71 ma) (pu)	-10
15000	LINE TENSION (lb)	0
-0.25	CORRECTION (g/cc)	0.25











PIONEER

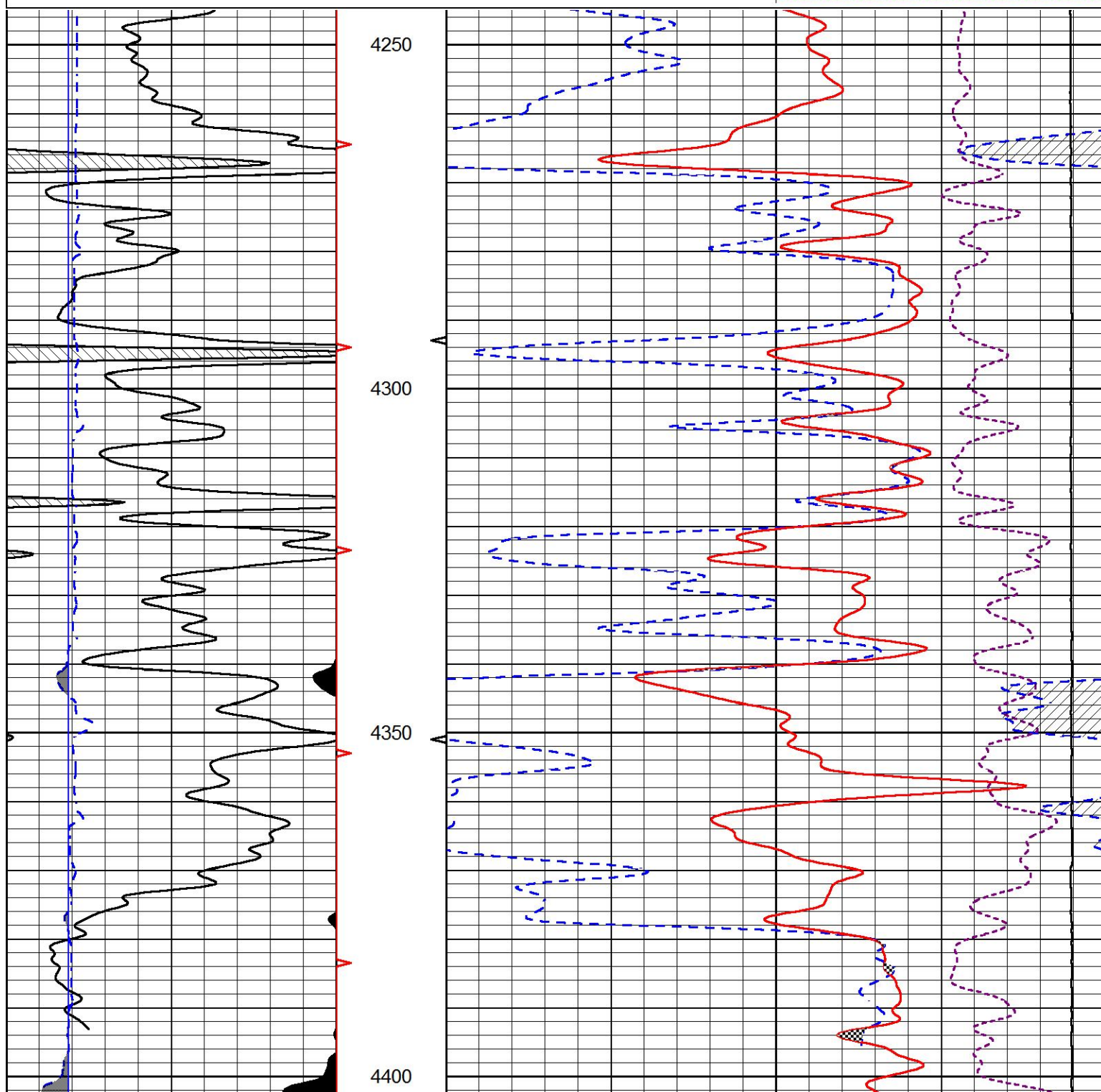
Pioneer Energy Services

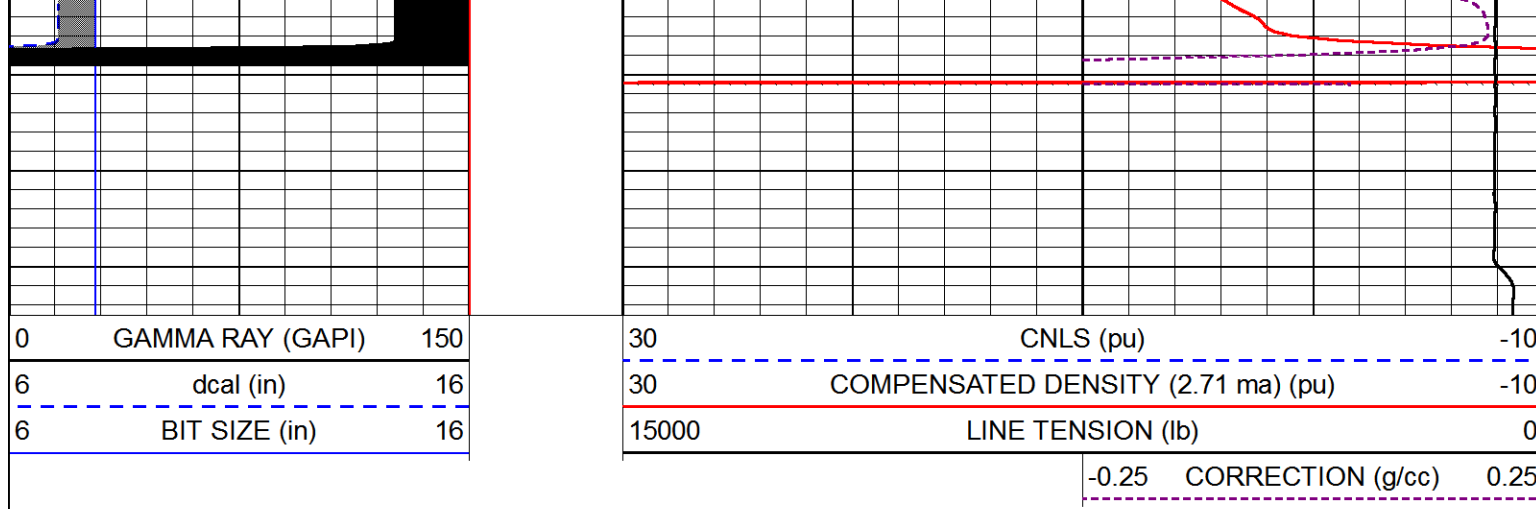
REPEAT SECTION

Database File palomino_kuntz_#1.db
Dataset Pathname stkml/pass2.1
Presentation Format cndlspec
Dataset Creation Sun Jan 14 08:54:56 2018
Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	dcal (in)	16
6	BIT SIZE (in)	16

30	CNLS (pu)	-10
30	COMPENSATED DENSITY (2.71 ma) (pu)	-10
15000	LINE TENSION (lb)	0
-0.25	CORRECTION (g/cc)	0.25





Calibration Report	
Database File	palomino_kuntz_#1.db
Dataset Pathname	stkml/pass3.1
Dataset Creation	Sun Jan 14 09:20:52 2018

Dual Induction Calibration Report	
Serial-Model:	PSI 978-M&W
Calibration Performed:	Wed Dec 13 12:45:09 2017

Readings			References			Results	
Loop:	Air	Loop	Air	Loop		Gain	Offset
Deep	178.615	710.235	0.000	255.800	mmho/m	0.570	-41.500
Medium	161.982	1441.110	0.000	255.800	mmho/m	0.420	-37.000

Microlog Calibration Report	
Serial-Model:	PSI-02-PSI STKBL ML
Performed:	Fri Jun 23 01:25:19 2017

Readings			References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0031	0.0043	0.0000	10.0000	Ohm-m	18000.0000	0.0000
Inverse	0.0000	0.0013	0.0000	10.0000	Ohm-m	21000.0000	1.0000
Caliper	1.0020	1.0834	5.5000	16.5000	in	135.1560	-131.4500

Compensated Density Calibration Report	
Serial-Model:	168-986-M&W
Source / Verifier:	/
Master Calibration Performed:	Tue Apr 11 17:07:47 2017

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	4691.86	4818.19	cps
Aluminum	2.675	g/cc	859.57	3020.22	cps
Spine Angle = 74.61			Density/Spine Ratio = 0.523		

	Size		Reading
Small Ring	4.00	in	1.00
Large Ring	14.00	in	1.20

Compensated Neutron Calibration Report

Serial Number:	tk10-MW
Tool Model:	M&W
Calibration Performed:	Wed Nov 16 11:21:36 2016

Detector	Readings		Target	Normalization
Short Space	6240.00	cps	1000.00 cps	1.6025
Long Space	460.00	cps	1000.00 cps	1.9500

Gamma Ray Calibration Report

Serial Number:	89-M&W	
Tool Model:	M&W	
Calibration Performed:	Tue Apr 11 17:08:01 2017	
Calibrator Value:	1000.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	6.2	cps
Sensitivity:	0.5200	GAPI/cps

	Company	PALOMINO PETROLEUM, INC.
	Well	KUNTZ #1
	Field	WILDCAT
	County	GOVE
	State	KANSAS