



**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company DARRAH OIL COMPANY, LLC.

Well BURDITT #1-17

Field PAWNEE BEND

County NESS State KANSAS

Location: API #: 15-135-26099-0000

477' FSL & 2241' FEL

SEC 17 TWP 20S RGE 23W

Other Services
DILMEL
SON

Permanent Datum GROUND LEVEL Elevation 2263
Log Measured From KELLY BUSHING 7' A.G.L
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2270
D.F. 2268
G.L. 2263

Date	4/22/21		
Run Number	ONE		
Depth Driller	4440		
Depth Logger	4442		
Bottom Logged Interval	4418		
Top Log Interval	3500		
Casing Driller	8 5/8" @ 290		
Casing Logger	290		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7600 PPM	
Density / Viscosity	9.3/57		
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.80 @ 70F		
Rmf @ Meas. Temp	.60 @ 70F		
Rmc @ Meas. Temp	.96 @ 70F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.46 @ 120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	120F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	AARON YOUNG		

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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

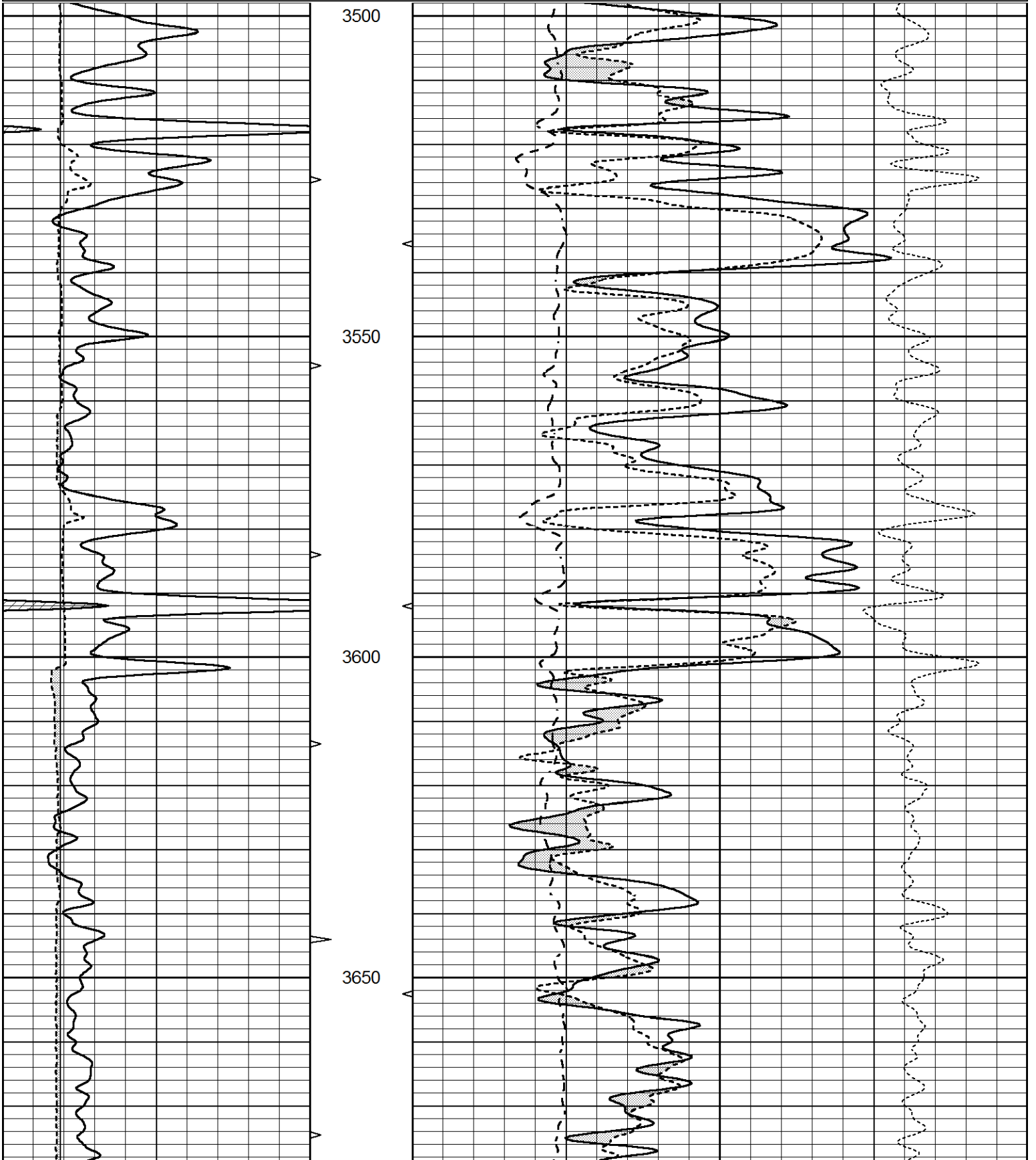
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
NESS CITY, KS. - 9 SOUTH TO RD. 40 - 1 EAST - 1/2 SOUTH - WEST & SOUTH INTO

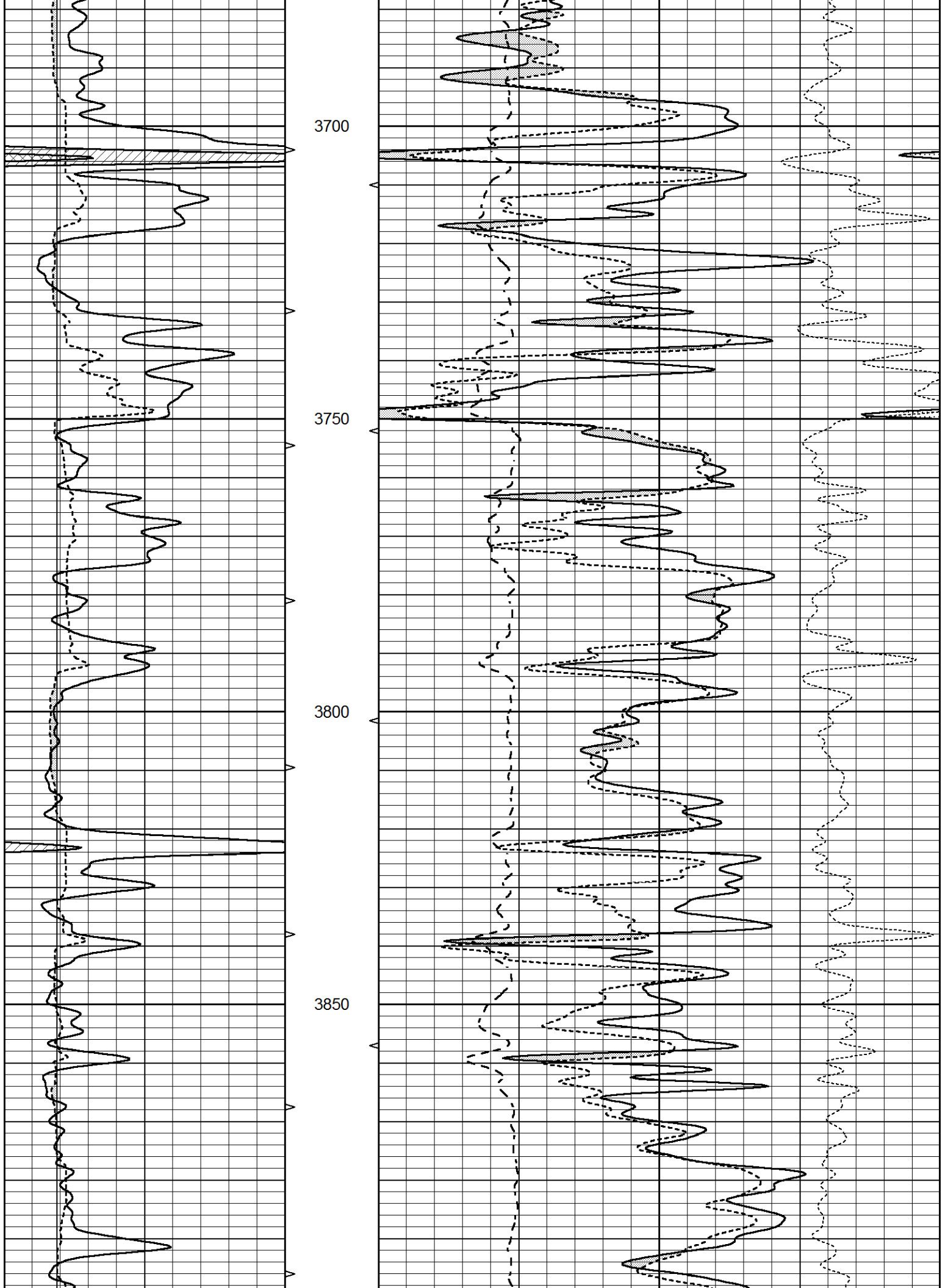


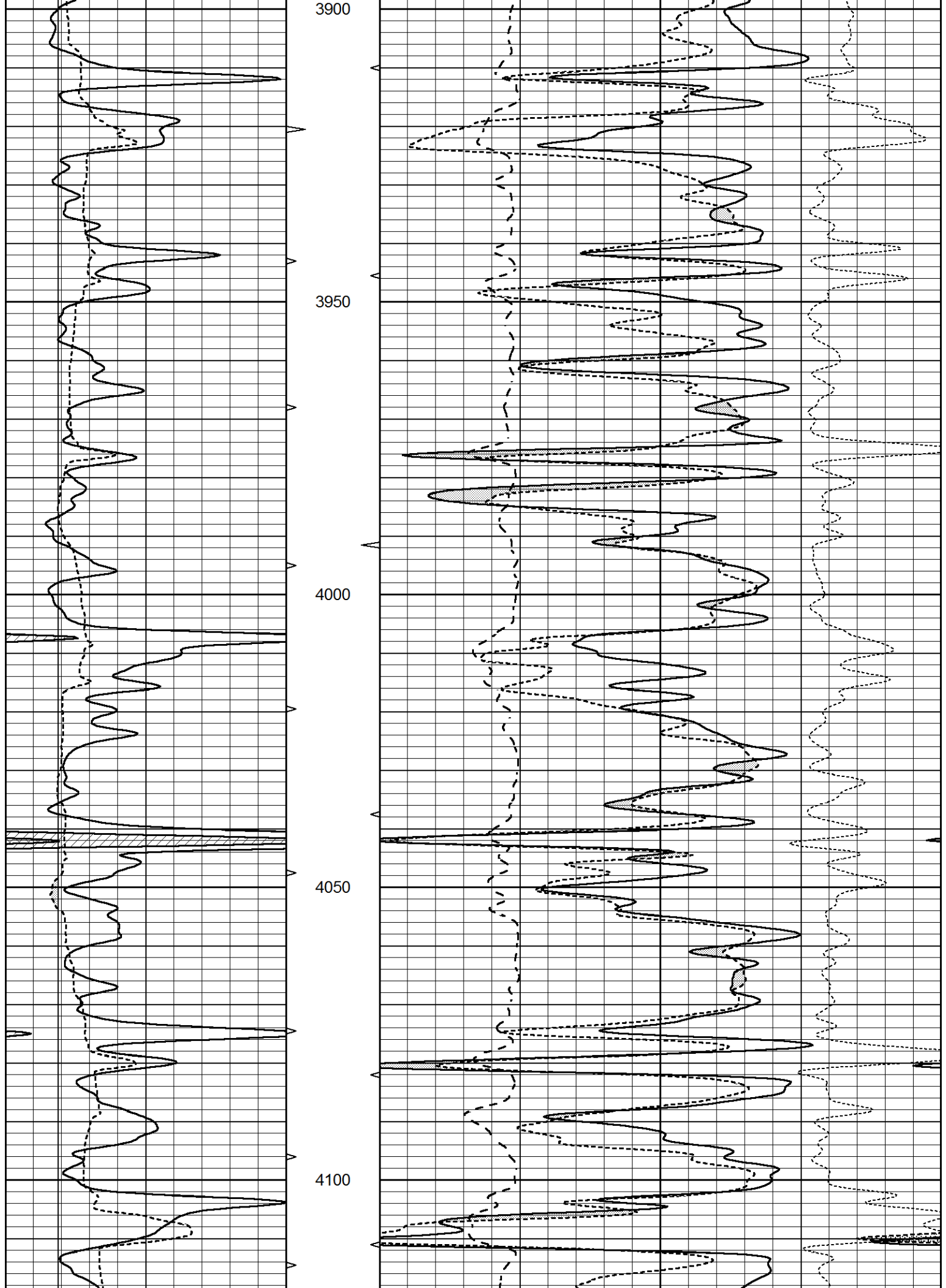
MAIN SECTION

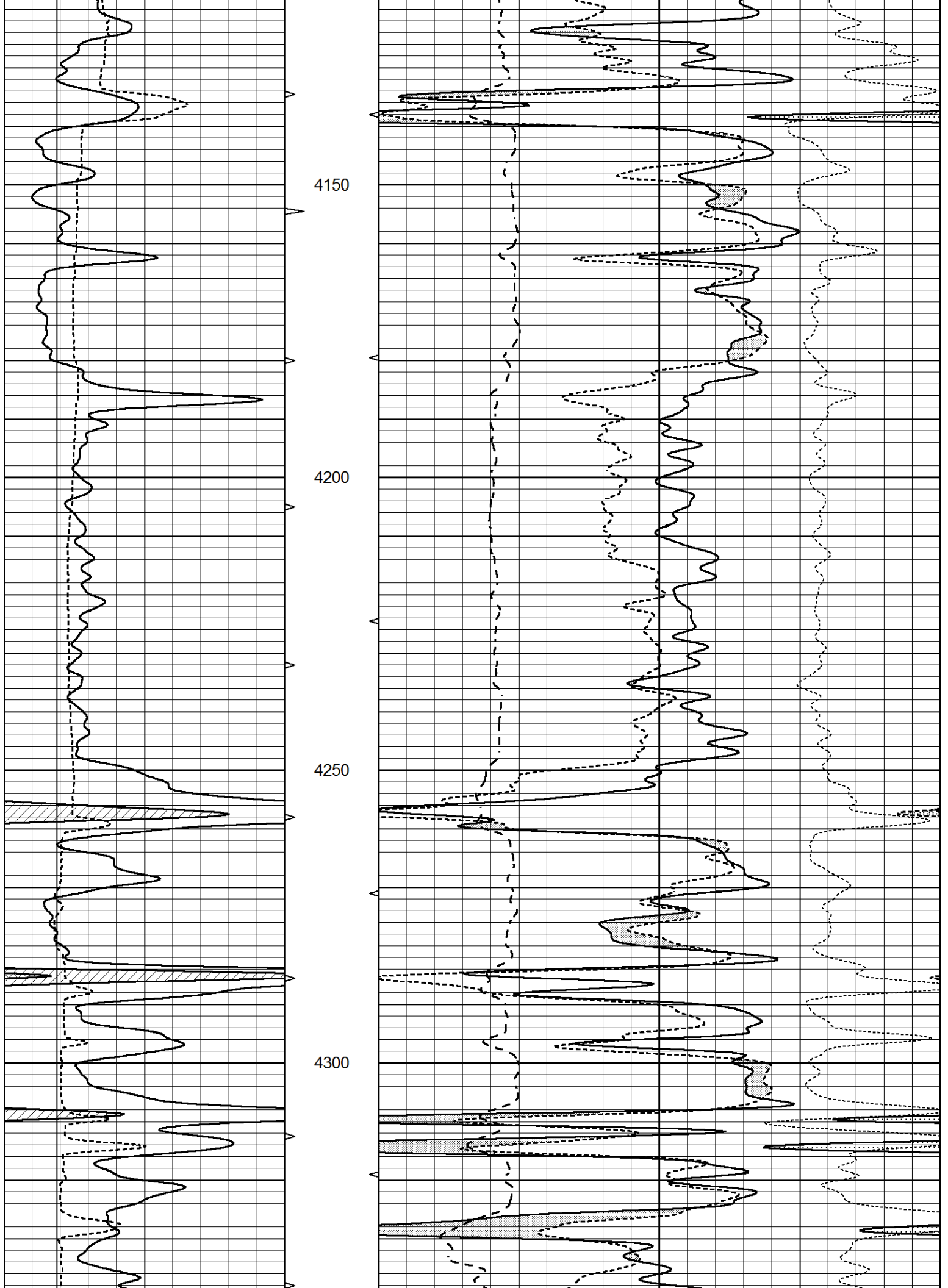
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 Dataset Pathname pass3.12
 Presentation Format _ldt_neu
 Dataset Creation Thu Apr 22 10:53:55 2021
 Charted by Depth in Feet scaled 1:240

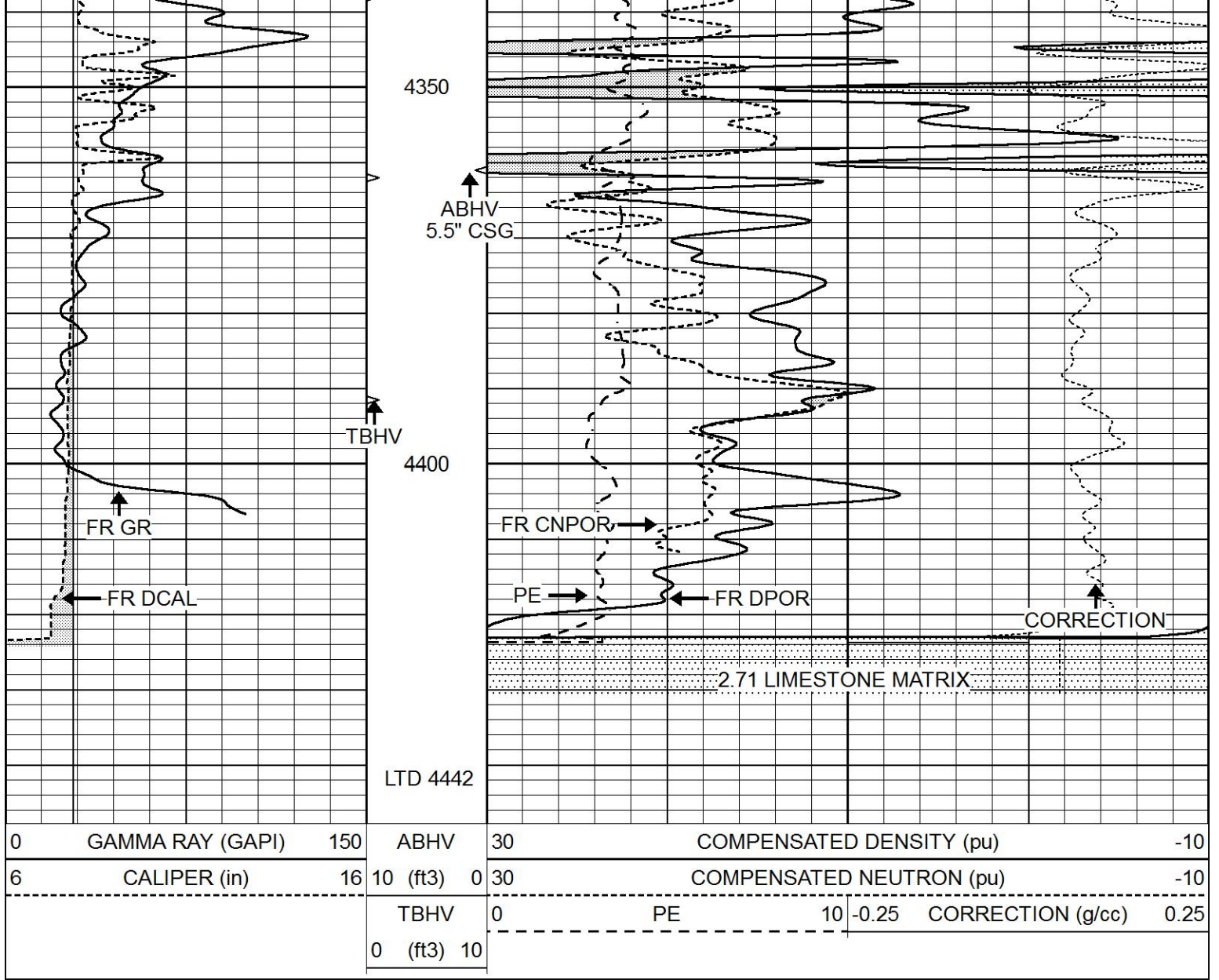
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)		-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)		-10
			TBHV	0	PE	10 -0.25	CORRECTION (g/cc) 0.25
			0 (ft3)	10			







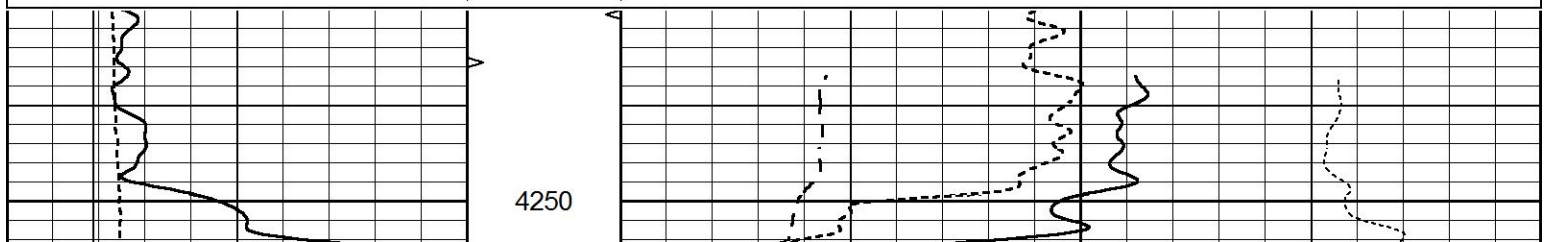


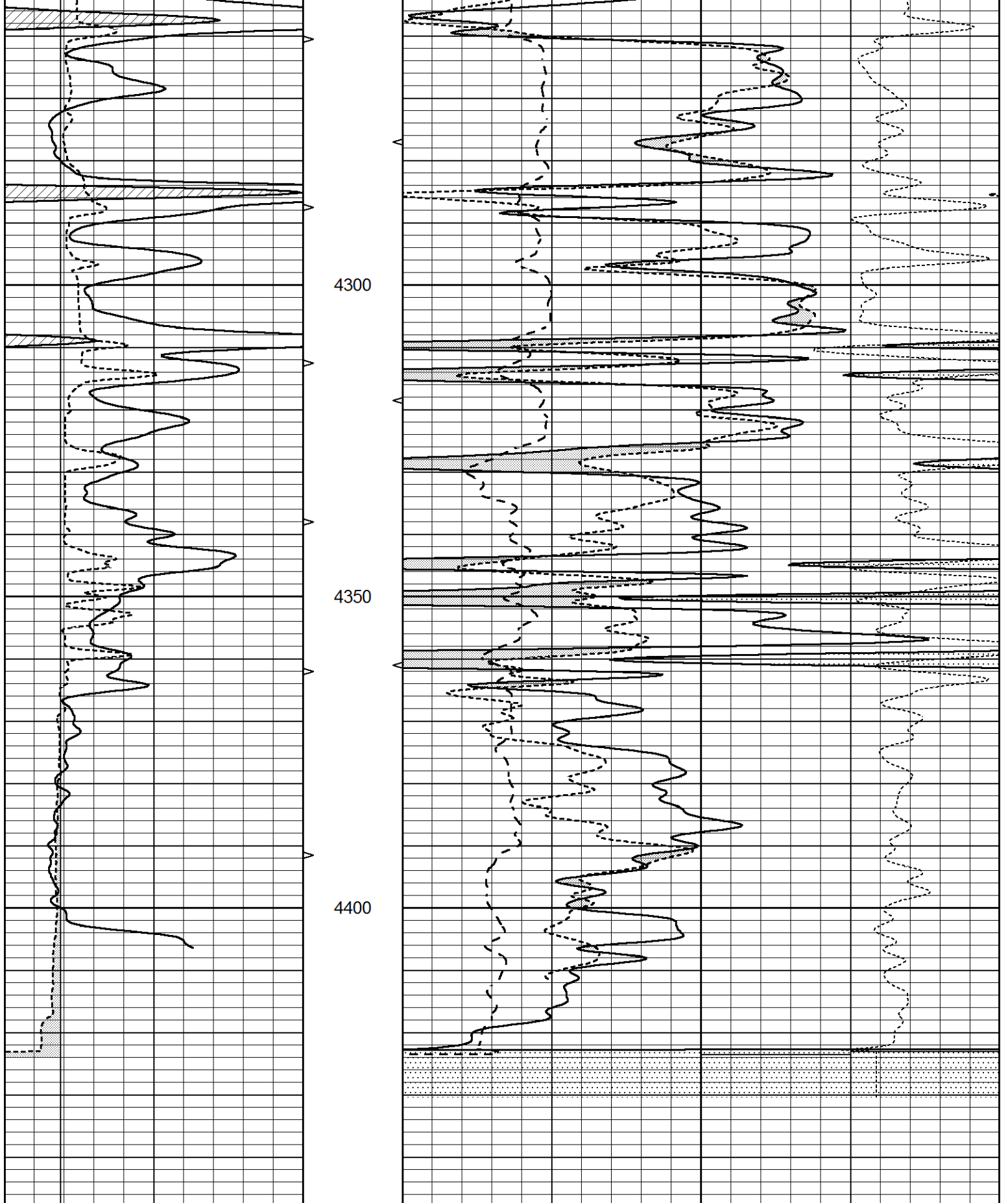


REPEAT SECTION

Database File 5215pe.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Thu Apr 22 11:10:25 2021
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10			





0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25
			0 (ft3) 10			CORRECTION (g/cc) 0.25

Calibration Report

Database File 5215pe.db
 Dataset Pathname pass2.1
 Dataset Creation Thu Apr 22 11:10:25 2021

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Tue Feb 19 11:44:18 2019
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019
 After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report

Serial: 140703
 Model: V4_10P
 Source Number: 74GBq-19

Master Calibration

Performed: Wed Dec 02 12:04:44 2020

	Background	Aluminum	Magnesium	
Window 1	595.38	5386.50	23898.92	cps
Window 2	52.78	1248.21	5993.75	cps
Window 4	251.36	1200.30	5155.55	cps
Window 5	545.15	9066.30	17240.12	cps
Window 6	43.35	1491.73	2929.24	cps
Window 8	258.76	2917.82	5450.26	cps
Bulk Density	-	2.6020	1.6830	g/cc
Pe	-	3.0000	2.5070	b/e

LS Alpha: -1.8726 SS Alpha: -0.7656 LS CPE: 1.0742

Before Survey Background Counts Verification

Performed: Wed Dec 31 18:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 8	0.00	cps

After Survey Background Counts Verification

Performed: Wed Dec 31 18:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 8	0.00	cps

Lithodensity Caliper Calibration

Performed: Wed Dec 02 12:04:44 2020

Results		Readings		References (in)		Gain	Offset
<u>Low</u>	<u>High</u>	<u>Low</u>	<u>High</u>				
8003.0	11159.9	8.0	14.0			0.0	-7.2

Before Survey Caliper Verification

Performed:

	Reference	Reading
	_____	_____
Caliper (in)		

After Survey Caliper Verification

Performed:

	Reference	Reading
	_____	_____
Caliper (in)		

Compensated Neutron Calibration Report

Serial Number: 080621PMC
Tool Model: NABORS

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 7
Tool Model: Probe1
Performed: Tue Jan 19 17:50:08 2021

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps

Sensitivity: 0.5300 GAPI/cps