

COMPENSATED
NEUTRON/DENSITY
PE LOG

Company	DIXON OPERATING, COMPANY, LLC.		
Well	SISLER #1-34		
Field	MIKES METEOR		
County	STAFFORD	State	KANSAS
Location:	API #: 15-185-24009-0000		Other Services DIL/MEL
4680' FSL & 750' FEL			
SEC 34 TWP 22S RGE 12W			
Permanent Datum	GROUND LEVEL	Elevation	1832
Log Measured From	KELLY BUSHING 11' A.G.L	D.F.	1841
Drilling Measured From	KELLY BUSHING	G.L.	1832

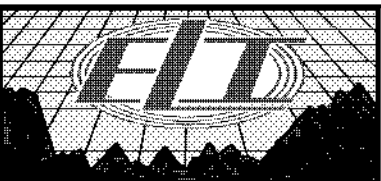
Date	3/2/18	
Run Number	ONE	
Depth Driller	3800	
Depth Logger	3800	
Bottom Logged Interval	3776	
Top Log Interval	2800	
Casing Driller	8 5/8" @ 308	
Casing Logger	306	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8500 PPM
Density / Viscosity	9.4/69	
pH / Fluid Loss	10.5/9.6	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.65 @ 75F	
Rmf @ Meas. Temp	.48 @ 75F	
Rmc @ Meas. Temp	.78 @ 75F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.42 @ 114F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom		
Maximum Recorded Temperature	114F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	JASON CAPPELLUCCI	
Witnessed By	CHUCK SCHMALTZ	

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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

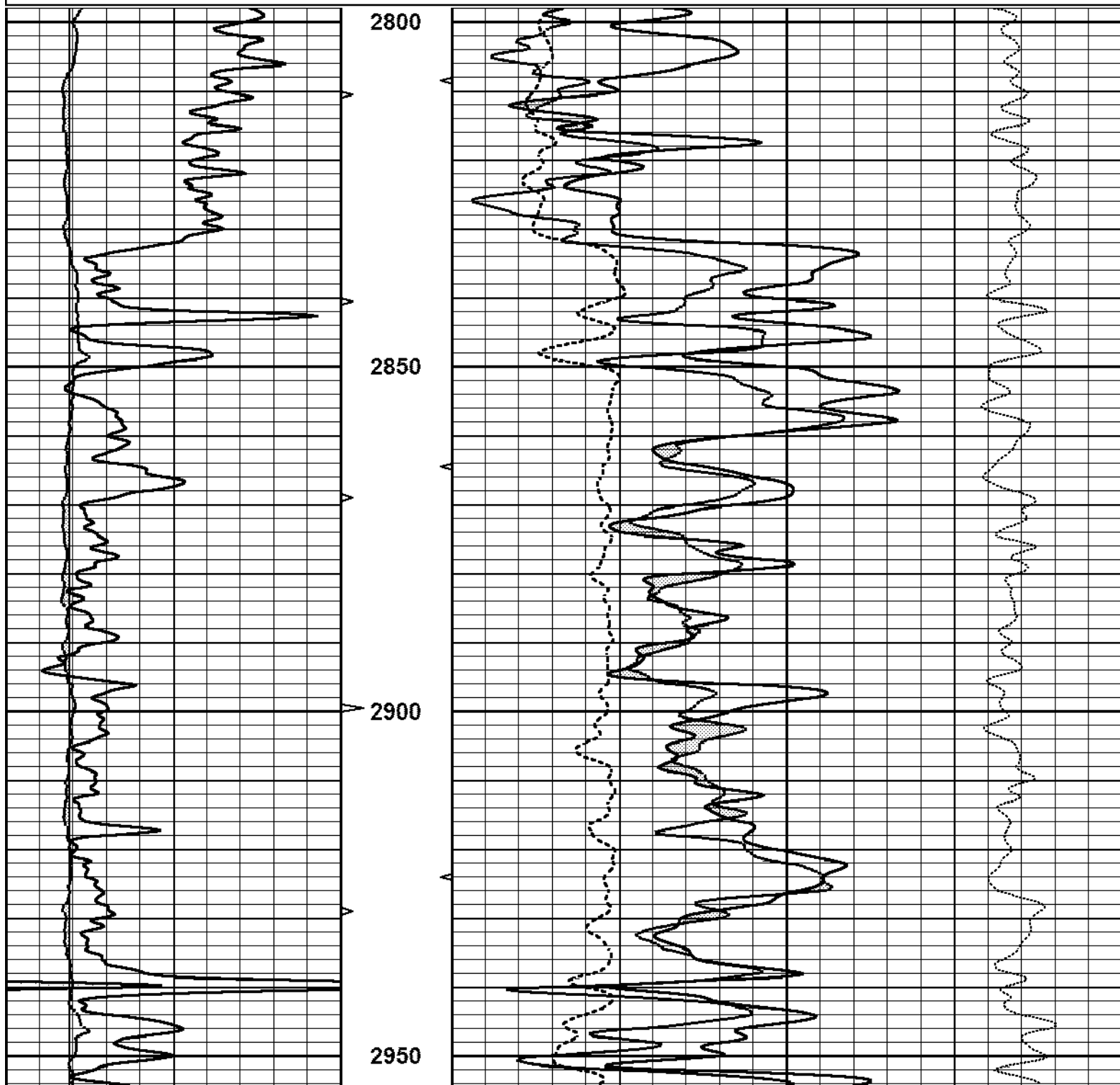
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
HUDSON, KS. - 2 EAST - 1/8 MILE SOUTH - WEST INTO

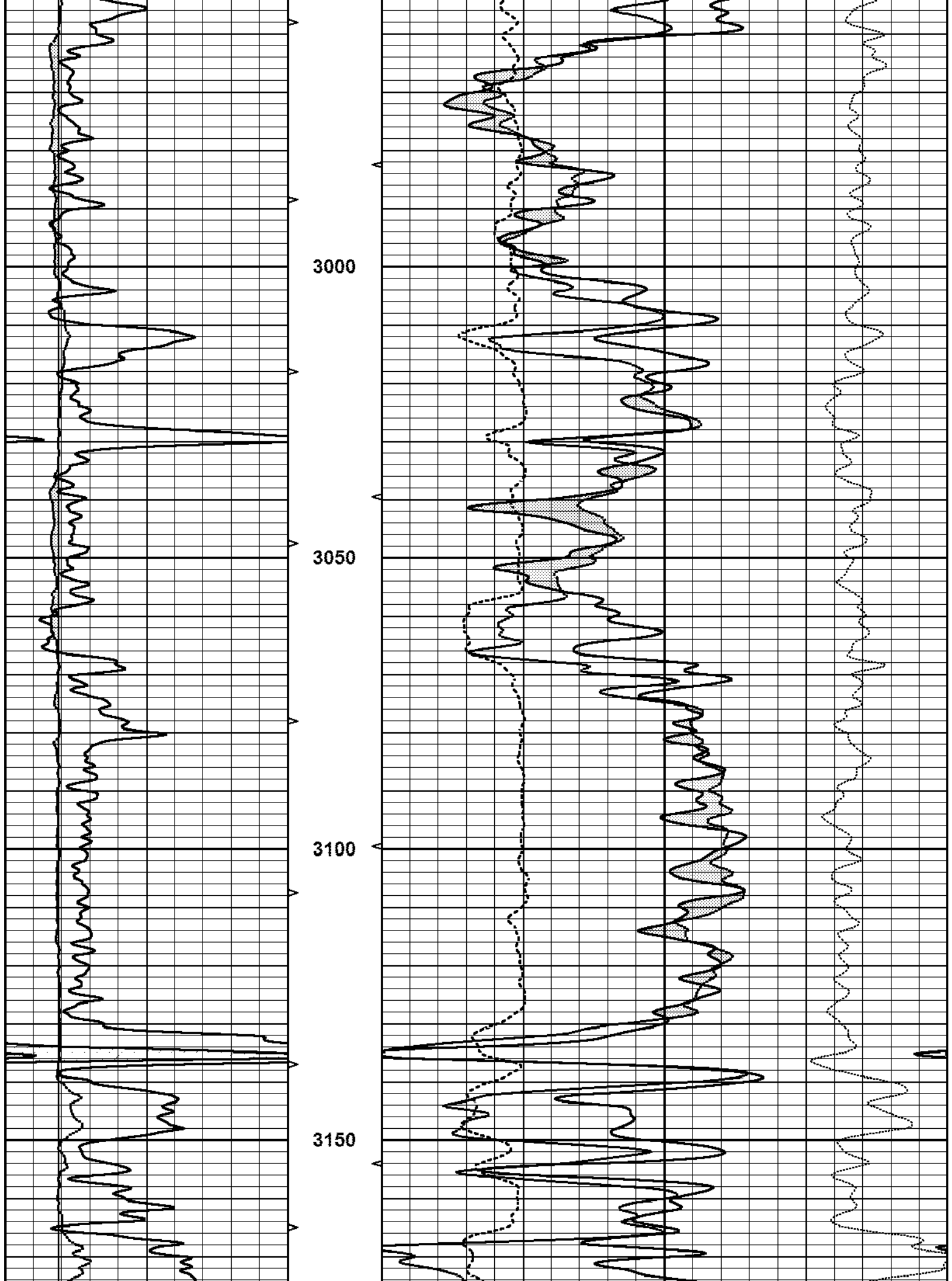


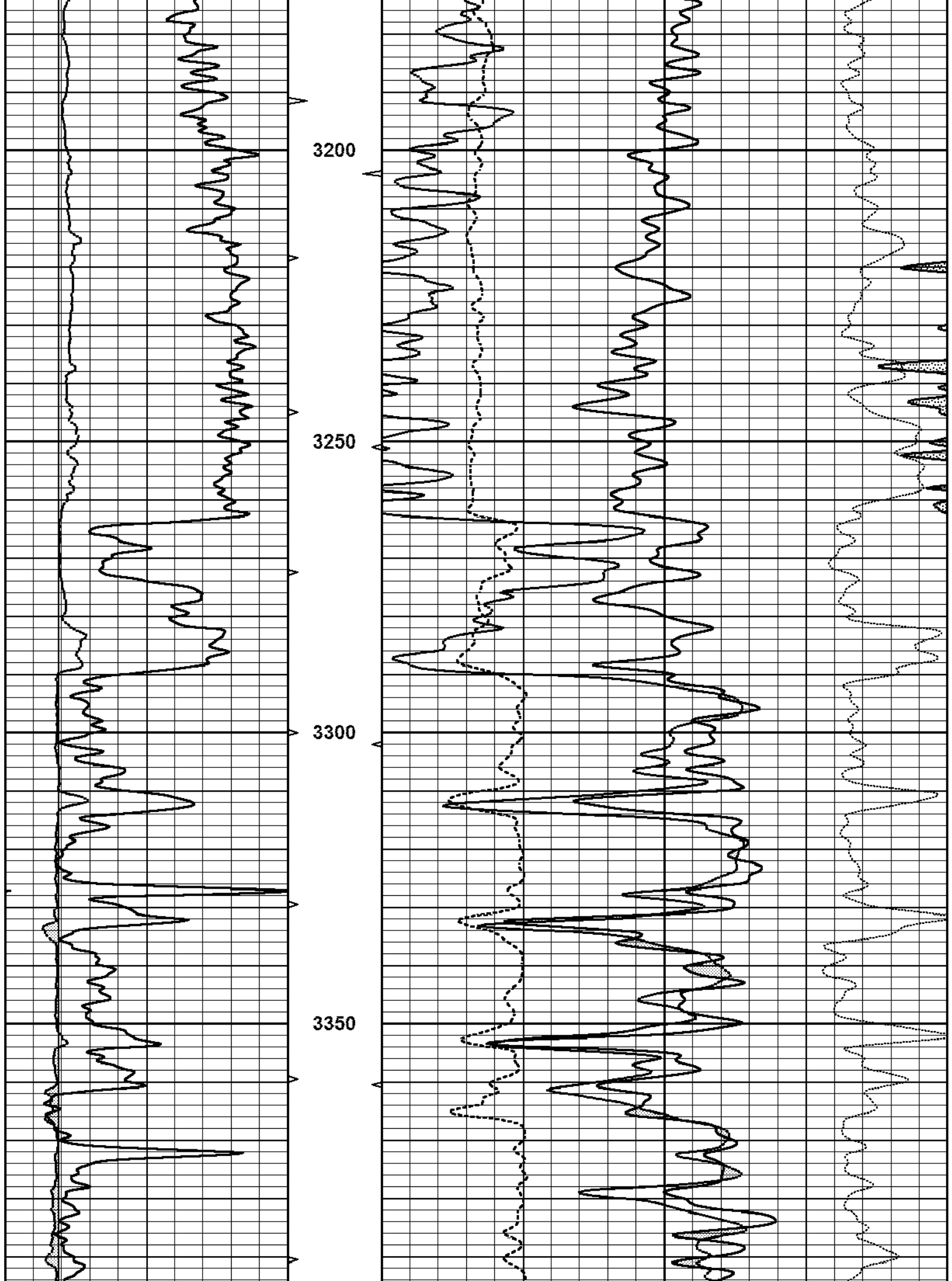
MAIN SECTION

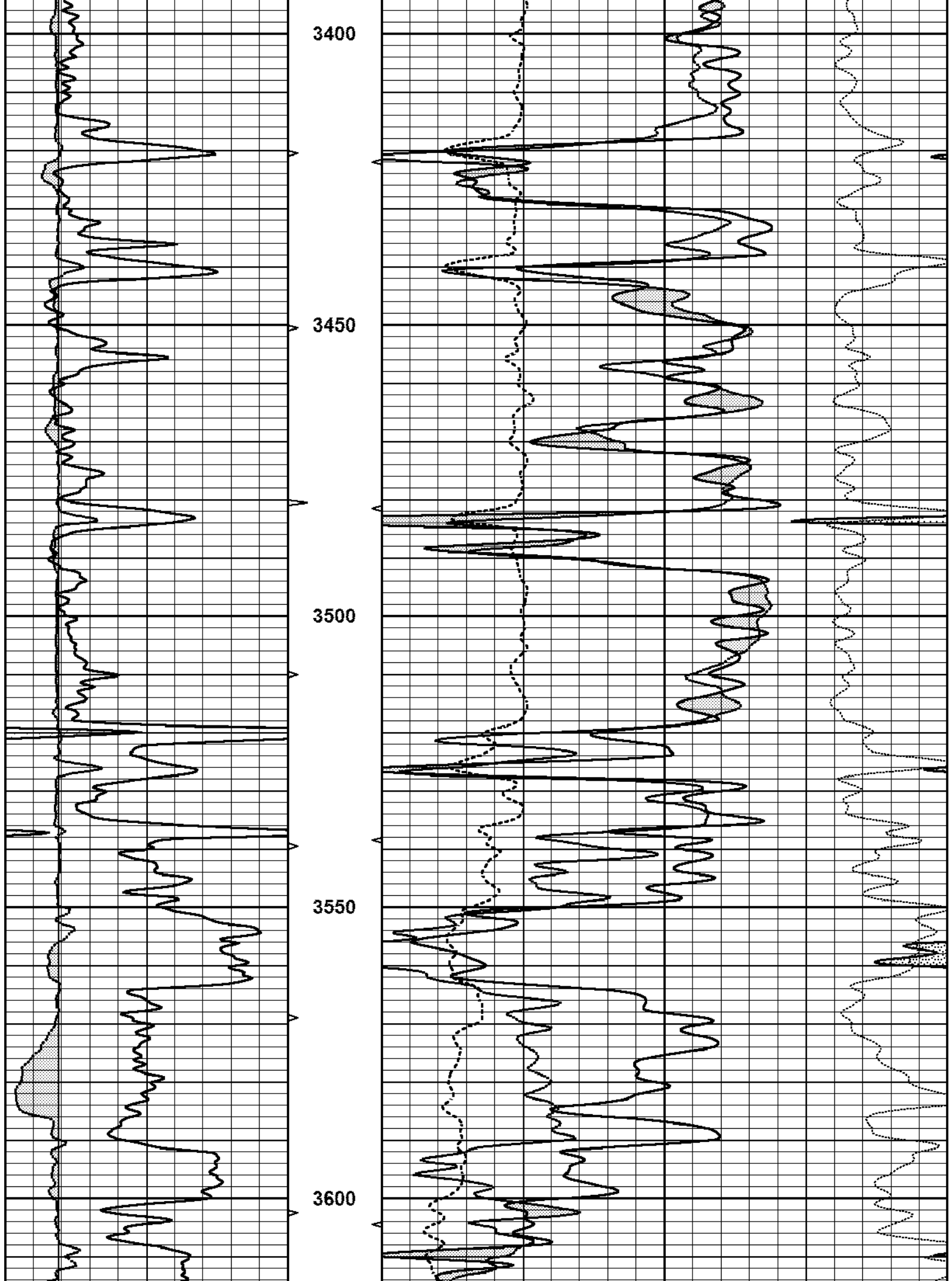
Database File	2367pe8.db
Dataset Pathname	pass3.1
Presentation Format	_ldt_neu
Dataset Creation	Fri Mar 02 15:34:14 2018
Charted by	Depth in Feet scaled 1:240

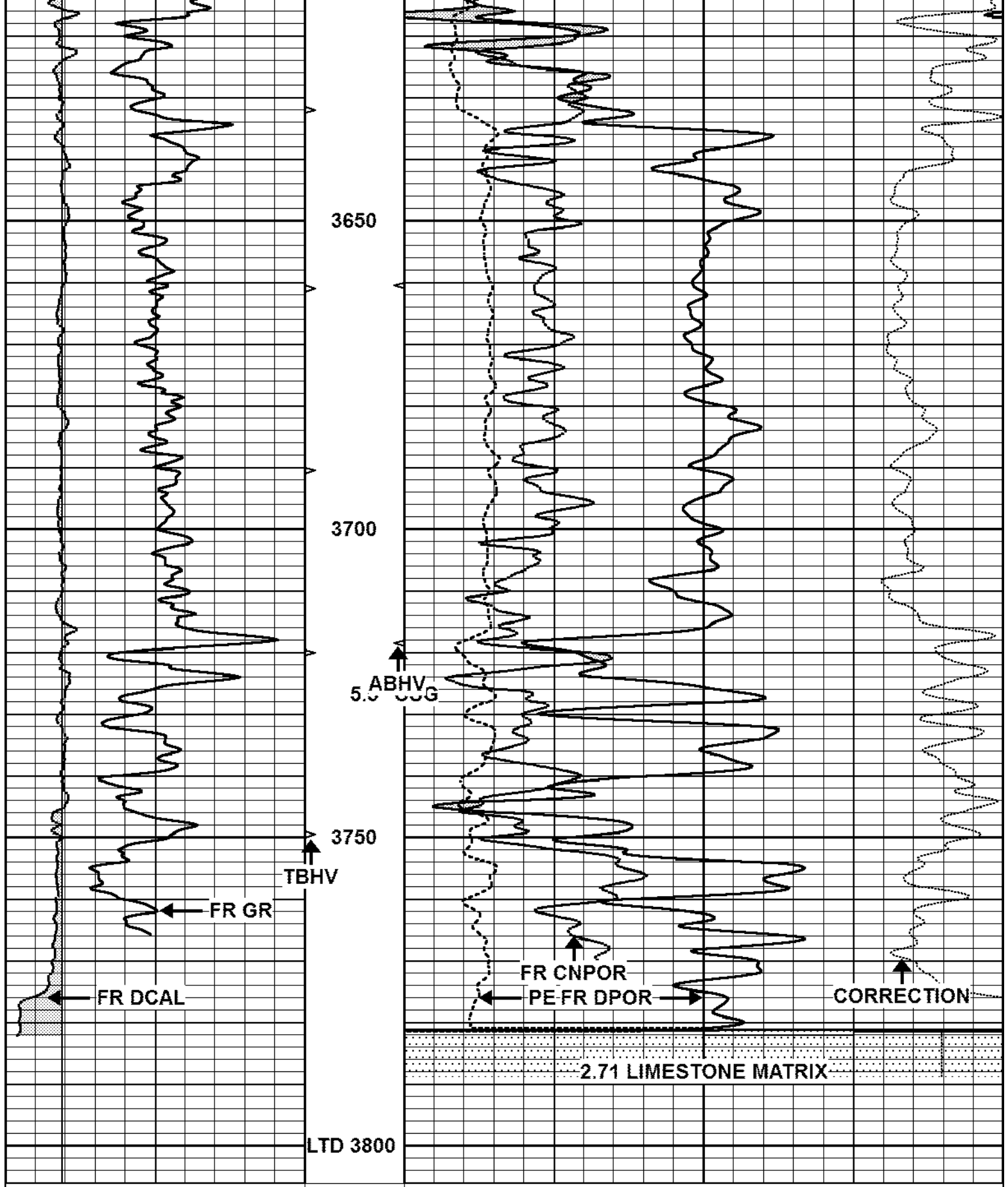
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	(ft3)	30	COMPENSATED NEUTRON (pu)	-10
		10	0	0	PE	10
			TBHV			CORRECTION
			(ft3)			(g/cc)
		0	10			









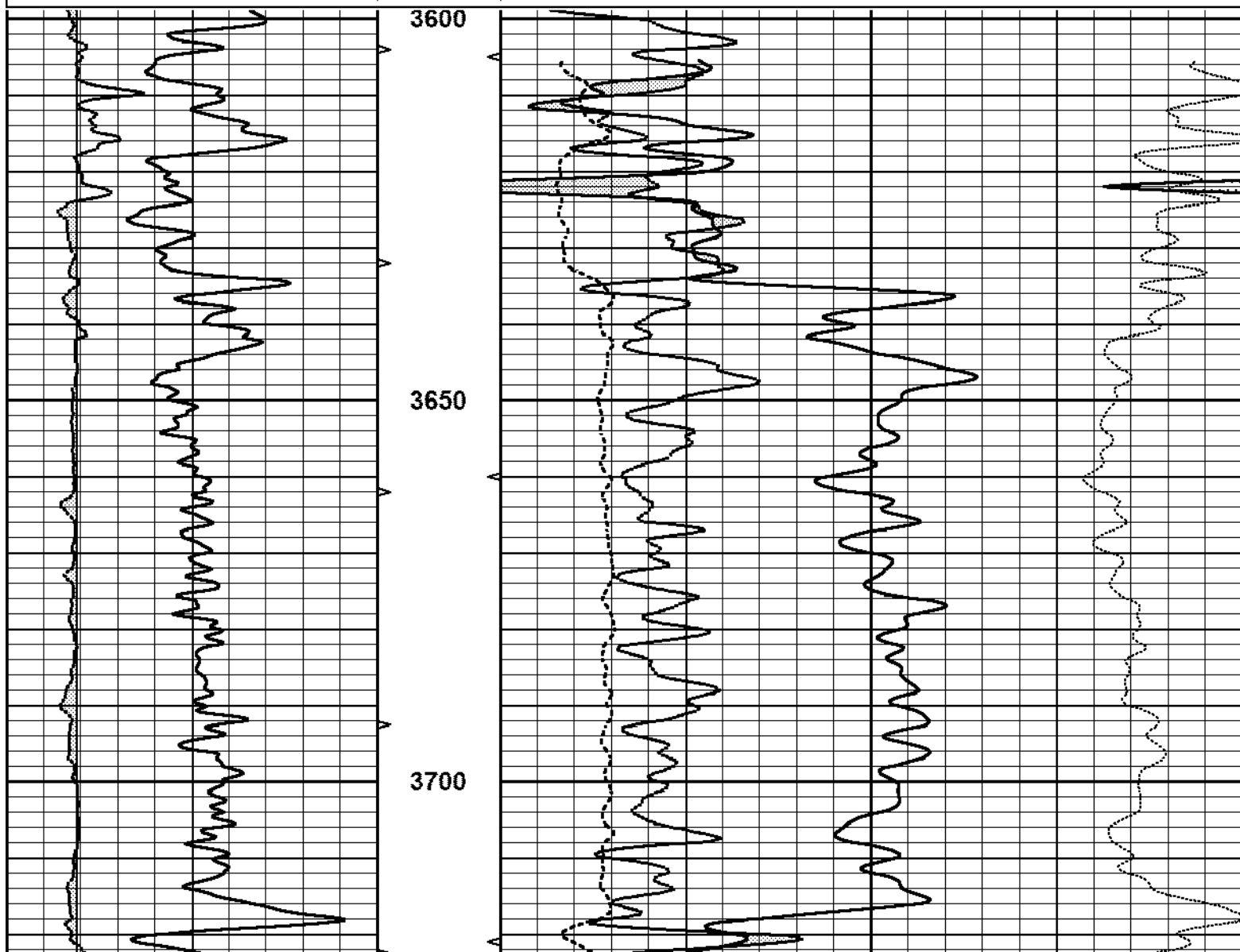


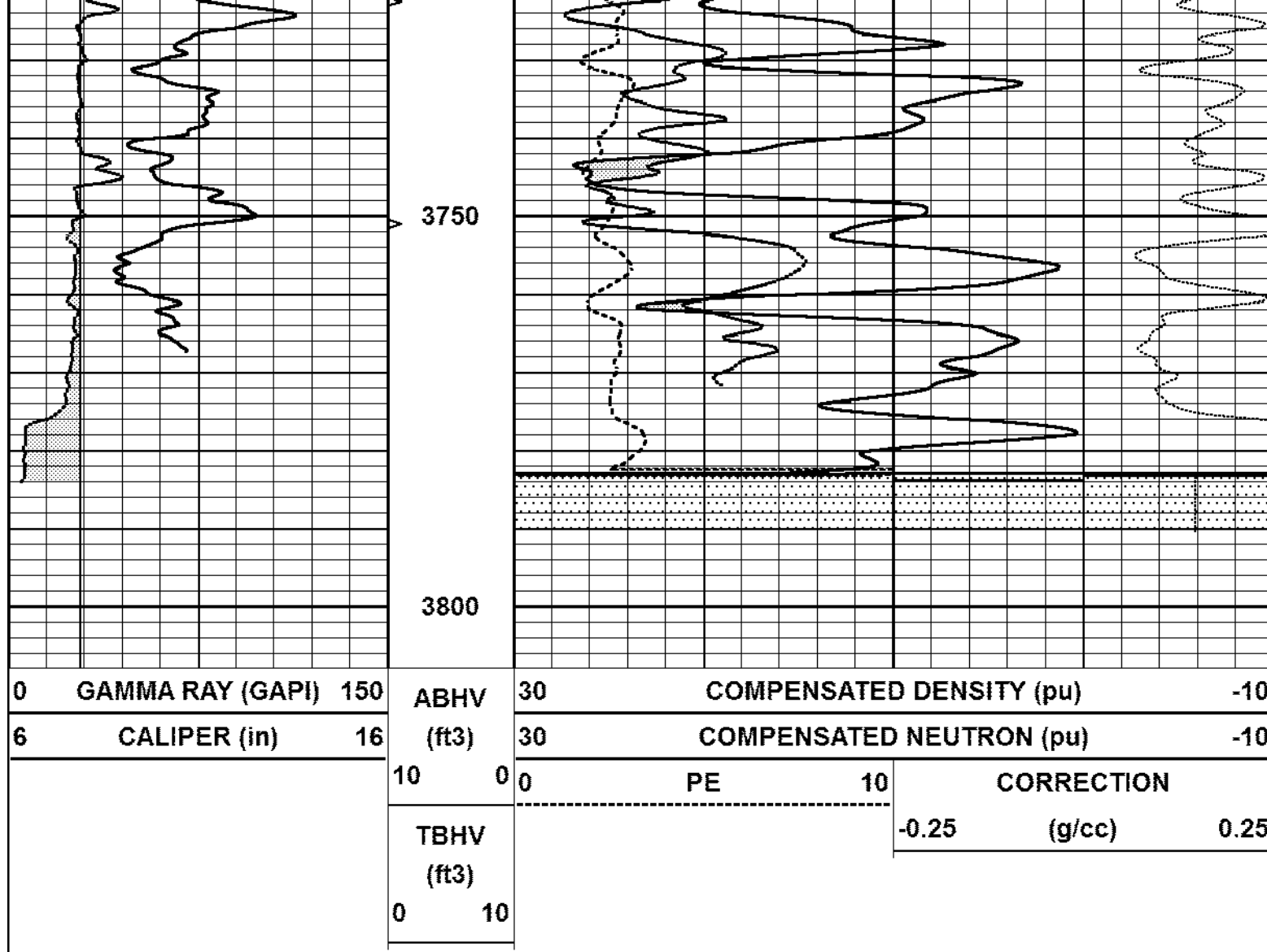
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	(ft3)	30	COMPENSATED NEUTRON (pu)	-10
10		0	0	PE	10	CORRECTION
			TBHV		-0.25	(g/cc) 0.25
			(ft3)			



Database File	2367pe8.db
Dataset Pathname	pass2.1
Presentation Format	_ldt_neu
Dataset Creation	Fri Mar 02 15:19:16 2018
Charted by	Depth in Feet scaled 1:240

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





Calibration Report

Database File 2367pe8.db
Dataset Pathname pass2.1
Dataset Creation Fri Mar 02 15:19:16 2018

Dual Induction Calibration Report

Serial-Model: FW1410-56-Probe
Surface Cal Performed: Tue Jul 25 12:15:33 2017
Downhole Cal Performed: Tue Jul 25 12:15:37 2017
After Survey Verification Performed: Tue Jul 25 12:15:38 2017

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.765	V	1.000	400.000	mmho/m	527.061	-3.201
Medium	-0.056	0.761	V	1.000	464.000	mmho/m	567.187	32.510
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.624	V	0.000	400.000	mmho/m	645.611	-3.034
Medium	0.012	0.721	V	0.000	464.000	mmho/m	653.591	-7.532

Downhole Calibration

Readings References Results

	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.647	301.329	mmho/m	-0.780	336.378	mmho/m	1.117	-0.058
Medium	38.256	411.013	mmho/m	39.046	441.706	mmho/m	1.080	-2.280
LL3		7.471	V		2500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.085	V		3500.000	mmho-m		

After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.647	301.329	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	38.256	411.013	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: 140704								
Model: V4_10P								
Source Number: 74GBq-19								

Master Calibration				Performed: Wed Feb 11 18:53:41 2015				
	Background	Aluminum	Magnesium					
Window 1	613.01	6027.40	27508.60	cps				
Window 2	48.21	1424.77	7132.66	cps				
Window 4	266.48	1373.19	5767.15	cps				
Window 5	622.07	10090.30	18937.90	cps				
Window 6	49.07	1682.84	3271.18	cps				
Window 8	298.04	3248.38	5980.58	cps				
Bulk Density	-	2.6020	1.6830	g/cc				
Pe	-	3.0000	2.5070	b/e				
LS Alpha:	: -1.8451	SS Alpha:	: -0.7542	LS CPE:		: 1.0882		
LS Beta:	: 138648.8473	SS Beta:	: 21960.9250	SS CPE:		: 1.5181		

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 Feb 11 18:53:41 2015				
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Results	Readings	References (in)			
Low	High	Low	High	Gain	Offset
1107.5	7124.1	8.0	15.0	0.0	6.3
Before Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)					
After Survey Caliper Verification		Performed:			
	Reference	Reading			
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:		070558			
Tool Model:		Probe1			
Performed:		Tue Jul 25 12:16:33 2017			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.4000	GAPI/cps		