

**COMPENSATED
DENSITY/NEUTRON
LOG**

Company FOURWINDS OIL CORPORATION
 Well H & S UNIT #1
 Field RAY
 County PHILLIPS State KANSAS

Location: API #: 15-147-20757-0000
 150' FNL & 340 FEL
 SEC 29 TWP 5S RGE 20W
 Permanent Datum GROUND LEVEL Elevation 2228
 Log Measured From KELLY BUSHING 8' A.G.L
 Drilling Measured From KELLY BUSHING
 Other Services DILMEL
 Elevation K.B. 2236
 D.F. 2234
 G.L. 2228

Date	6/30/21		
Run Number	ONE		
Depth Driller	3680		
Depth Logger	3674		
Bottom Logged Interval	3650		
Top Log Interval	3100		
Casing Driller	8 5/8" @ 222		
Casing Logger	222		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 800 PPM	
Density / Viscosity	9.1/58		
pH / Fluid Loss	11.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.4 @ 80F		
Rmf @ Meas. Temp	1.05 @ 80F		
Rmc @ Meas. Temp	1.57 @ 802F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.99 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	113F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	CAMERON BRIN		

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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

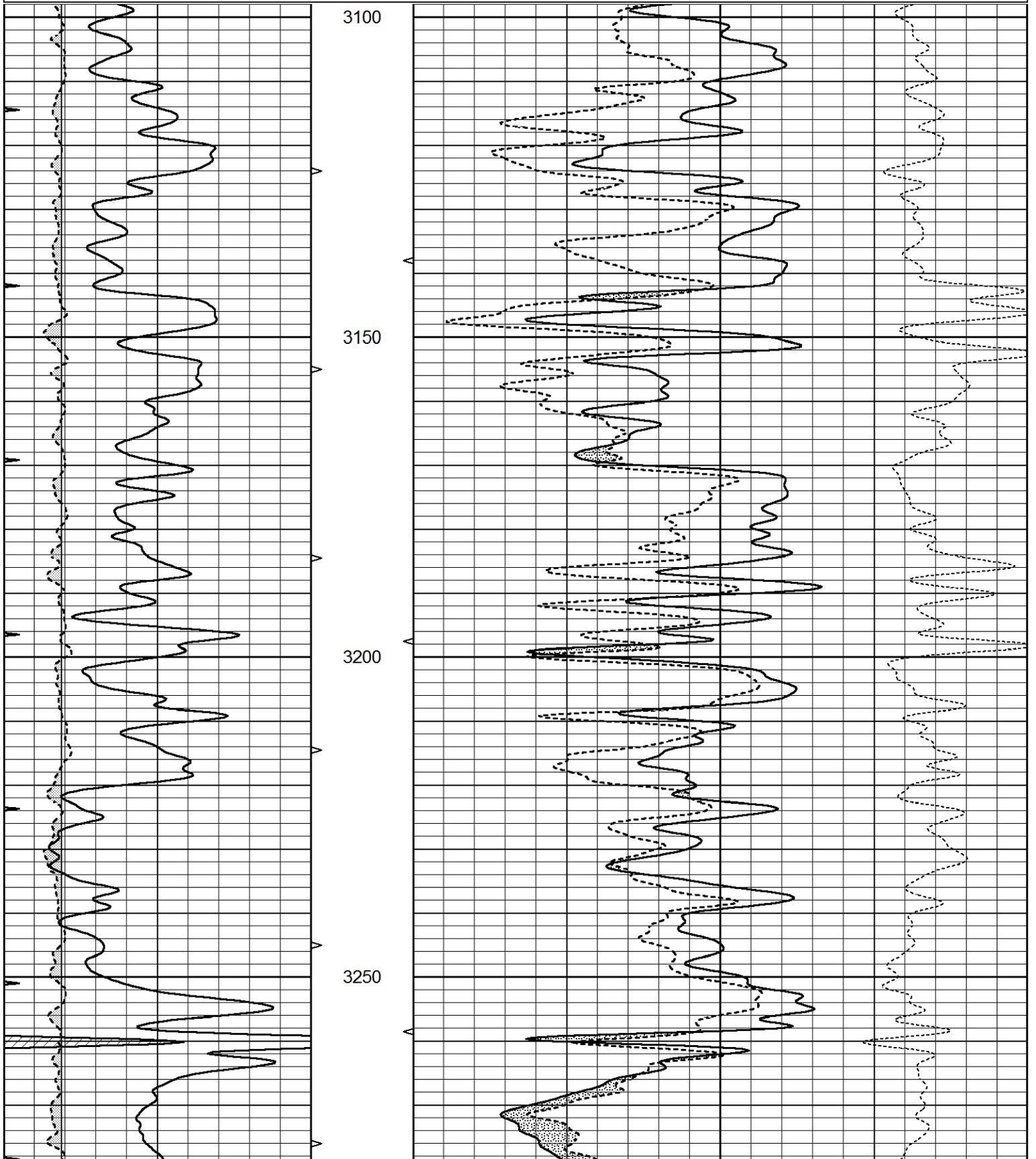
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
 DIRECTIONS
 STOCKTON, KS. - 11 NORTH TO COZY COVE RD. - 16 WEST - SOUTH INTO

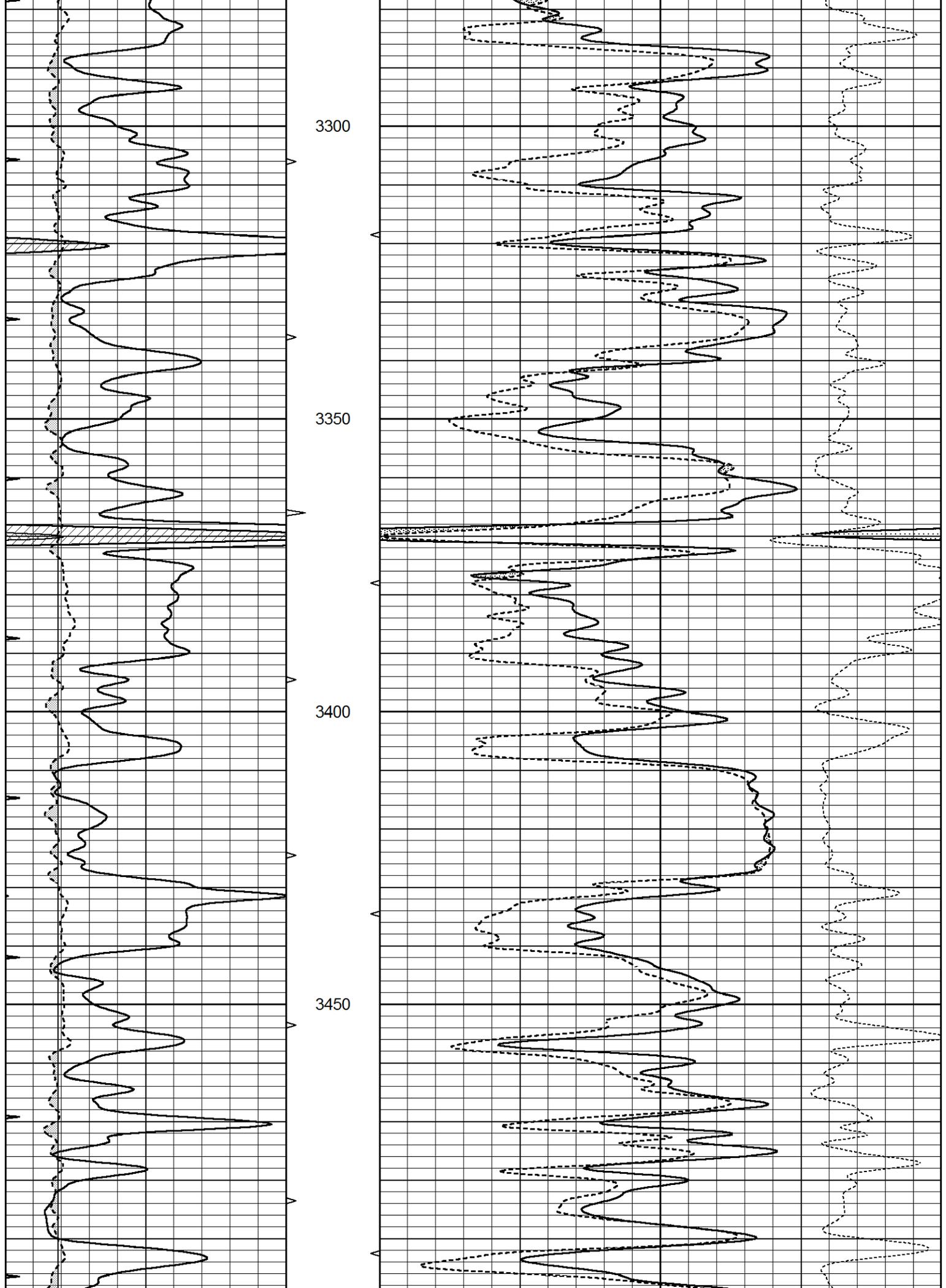


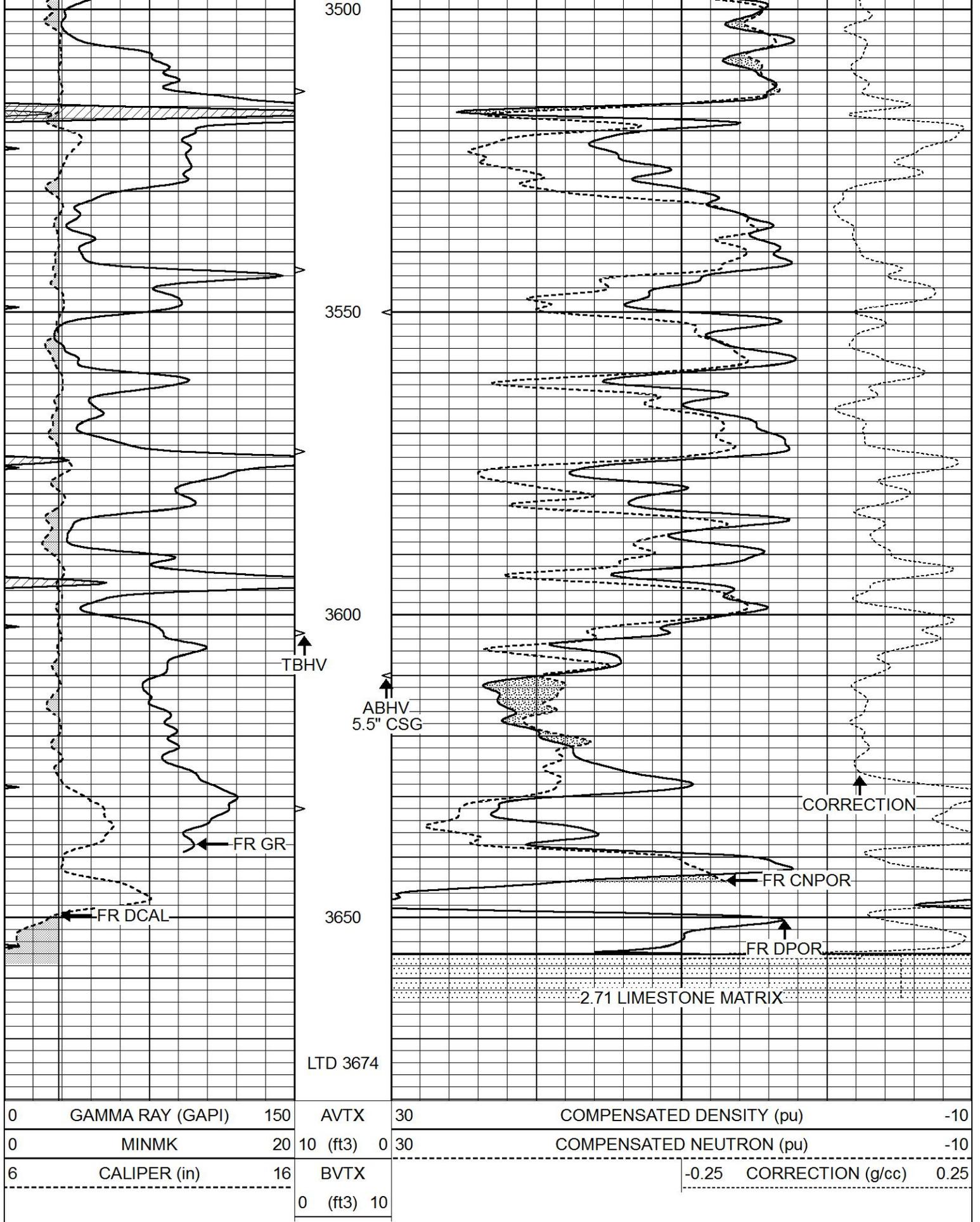
MAIN SECTION

Database File 5630ddn.db
 Dataset Pathname pass3.1
 Presentation Format _den_neu
 Dataset Creation Wed Jun 30 06:57:26 2021
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
0	MINMK	20	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			





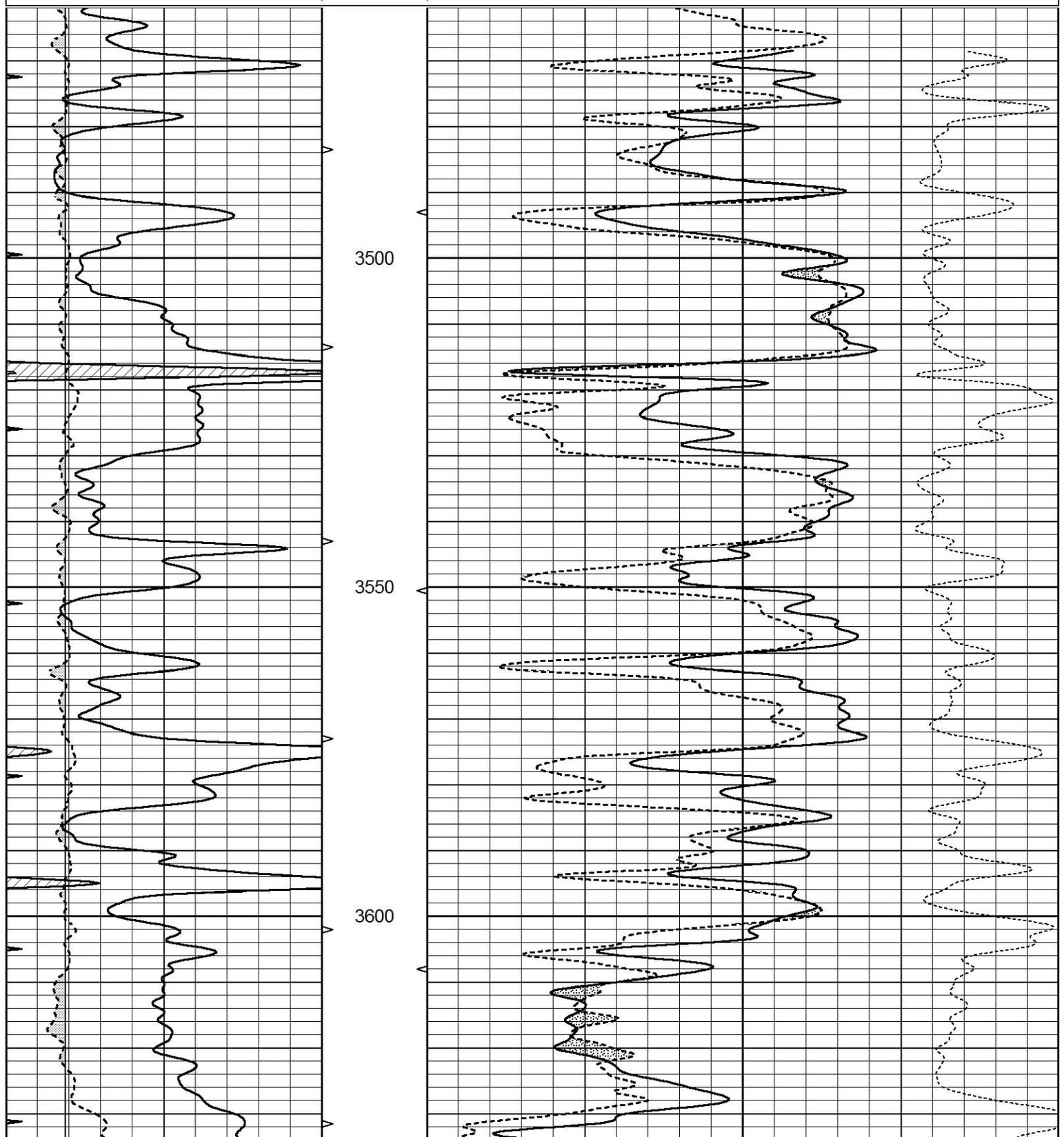


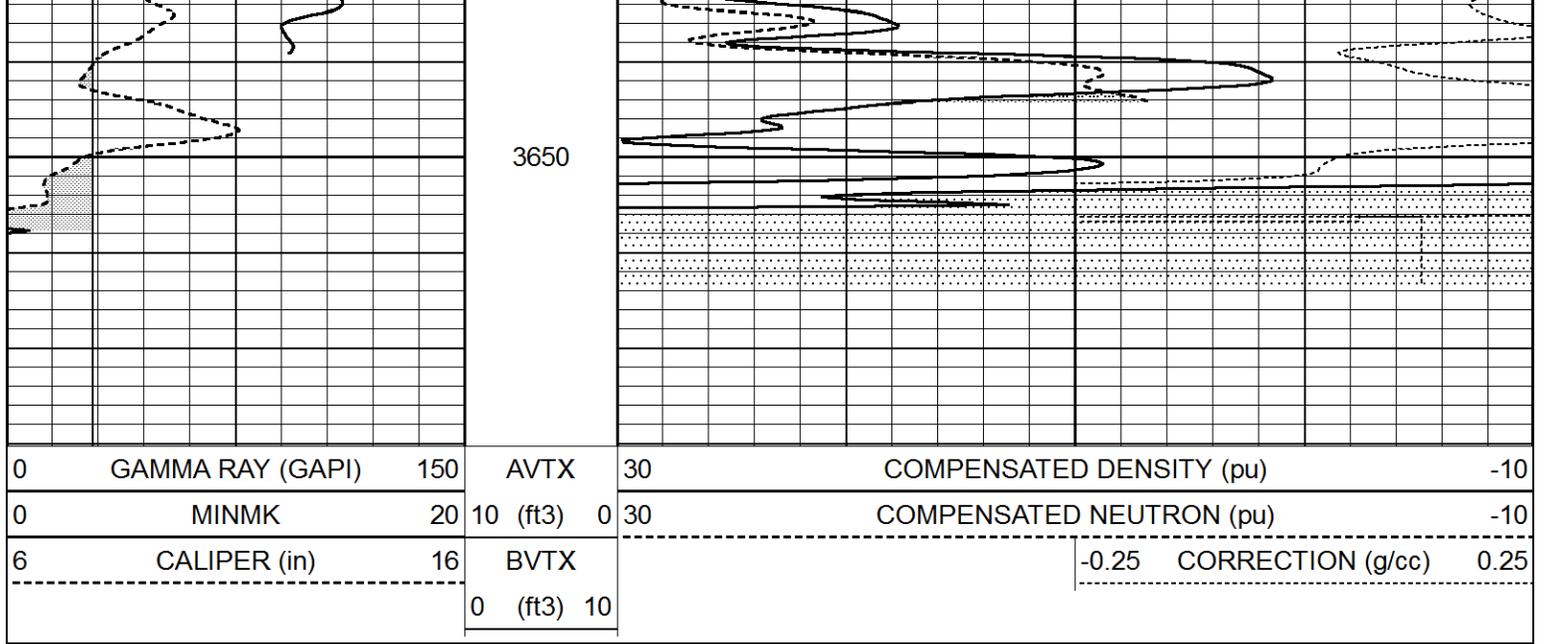
REPEAT SECTION

WELL LOG SECTION

Database File 5630ddn.db
Dataset Pathname pass2.1
Presentation Format _den_neu
Dataset Creation Wed Jun 30 06:42:33 2021
Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
0	MINMK	20	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			





Calibration Report

Database File 5630ddn.db
 Dataset Pathname pass2.1
 Dataset Creation Wed Jun 30 06:42:33 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	V	Air	Loop	mmho/m	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	V	Zero	Cal	mmho/m	m'	b'
Deep	-0.824	395.917	V	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	V	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	V	Zero	Cal	mmho/m	m'	b'
Deep	0.000	0.000	V	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	V	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		0.000	V		3745.000	mmho-m		

Litho Density Calibration Report
 Serial: 140704
 Model: V4_10P
 Source Number: 74GBq-19

Master Calibration

Performed: Mon Dec 07 12:12:14 2020

	<u>Background</u>	<u>Aluminum</u>	<u>Magnesium</u>	
Window 1	557.73	5525.14	24361.20	cps
Window 2	47.08	1245.09	5901.17	cps
Window 4	239.06	1250.70	5456.76	cps
Window 5	564.08	8300.56	16134.07	cps
Window 6	44.21	1356.78	2705.40	cps
Window 8	267.87	2686.97	5150.30	cps
Bulk Density	-	2.6020	1.6830	g/cc
Pe	-	3.0000	2.5070	b/e
LS Alpha:	:-1.8719	SS Alpha:	:-0.8000	LS CPE:
LS Beta:	: 135562.6841	SS Beta:	: 20128.7209	SS CPE:
				: 1.1424
				: 1.5489

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: Mon Dec 07 12:12:14 2020

Results		References (in)		Gain	Offset
Low	High	Low	High		
664.3	1102.8	8.0	14.0	0.0	-1.0

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