

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company BLUERIDGE PETROLEUM CORPORATION
 Well CITY OF OBERLIN #3-1
 Field POLLNOW SOUTHEAST
 County DECATUR
 State KANSAS

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 County DECATUR State KANSAS

Location: API #: 15-039-21298-0000
 1100 FSL & 1830 FEL
 NW - NE - SW - SE
 SEC 1 TWP 3S RGE 29W
 Permanent Datum GROUND LEVEL Elevation 2548
 Log Measured From KELLY BUSHING 8' A.G.L
 Drilling Measured From KELLY BUSHING
 Other Services
 DILMEL
 Elevation
 K.B. 2556
 D.F. 2554
 G.L. 2548

Date	10/17/23		
Run Number	ONE		
Depth Driller	3800		
Depth Logger	3802		
Bottom Logged Interval	3778		
Top Log Interval	3200		
Casing Driller	8.625 @ 221		
Casing Logger	221		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3.000 PPM	
Density / Viscosity	9.1/58		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.30 @ 70F		
Rmt @ Meas. Temp	.975 @ 70F		
Rmc @ Meas. Temp	1.56 @ 70F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.799 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	2:15 P.M.		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBBEN		
Witnessed By	JIM MUSGROVE		

<<< Fold Here >>>

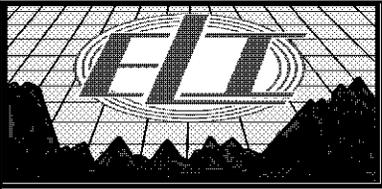
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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:

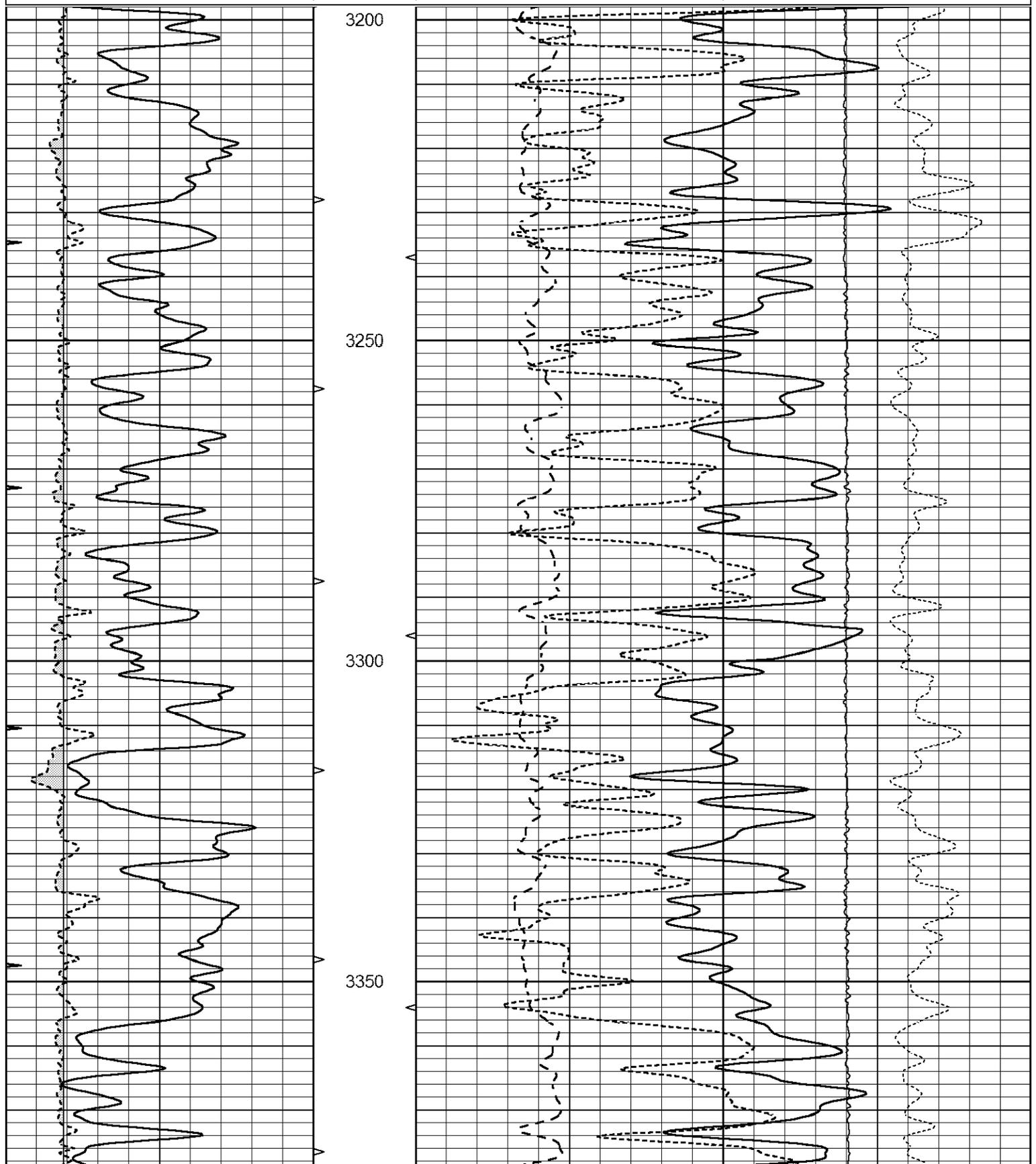
NORTH INTO THE TOWN OF OBERLIN ON HIGHWAY 83, EAST ON HALL STREET TO SOUTHEAST
 SOUTH ONE BLOCK, SOUTHEAST INTO FIELD

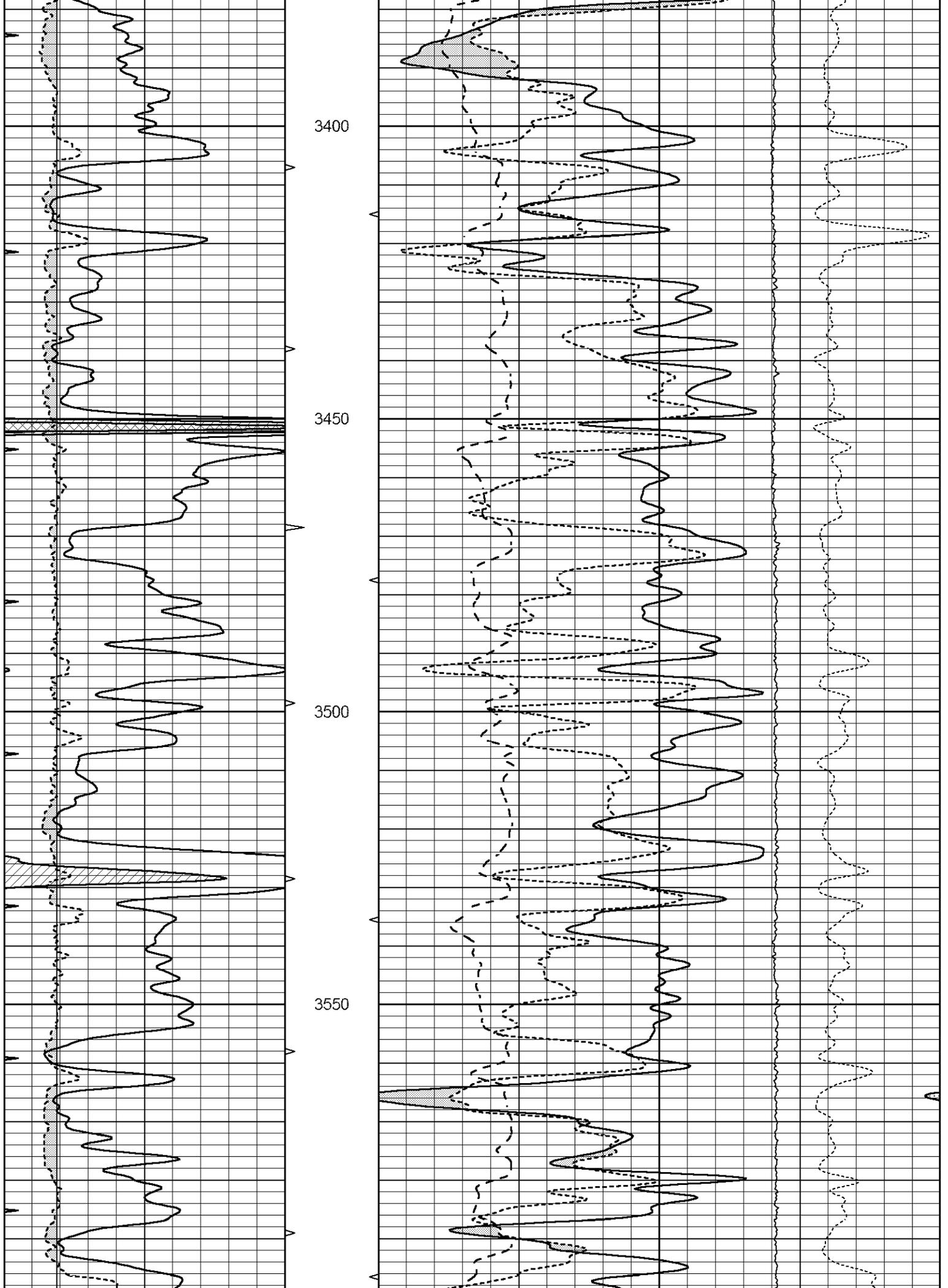


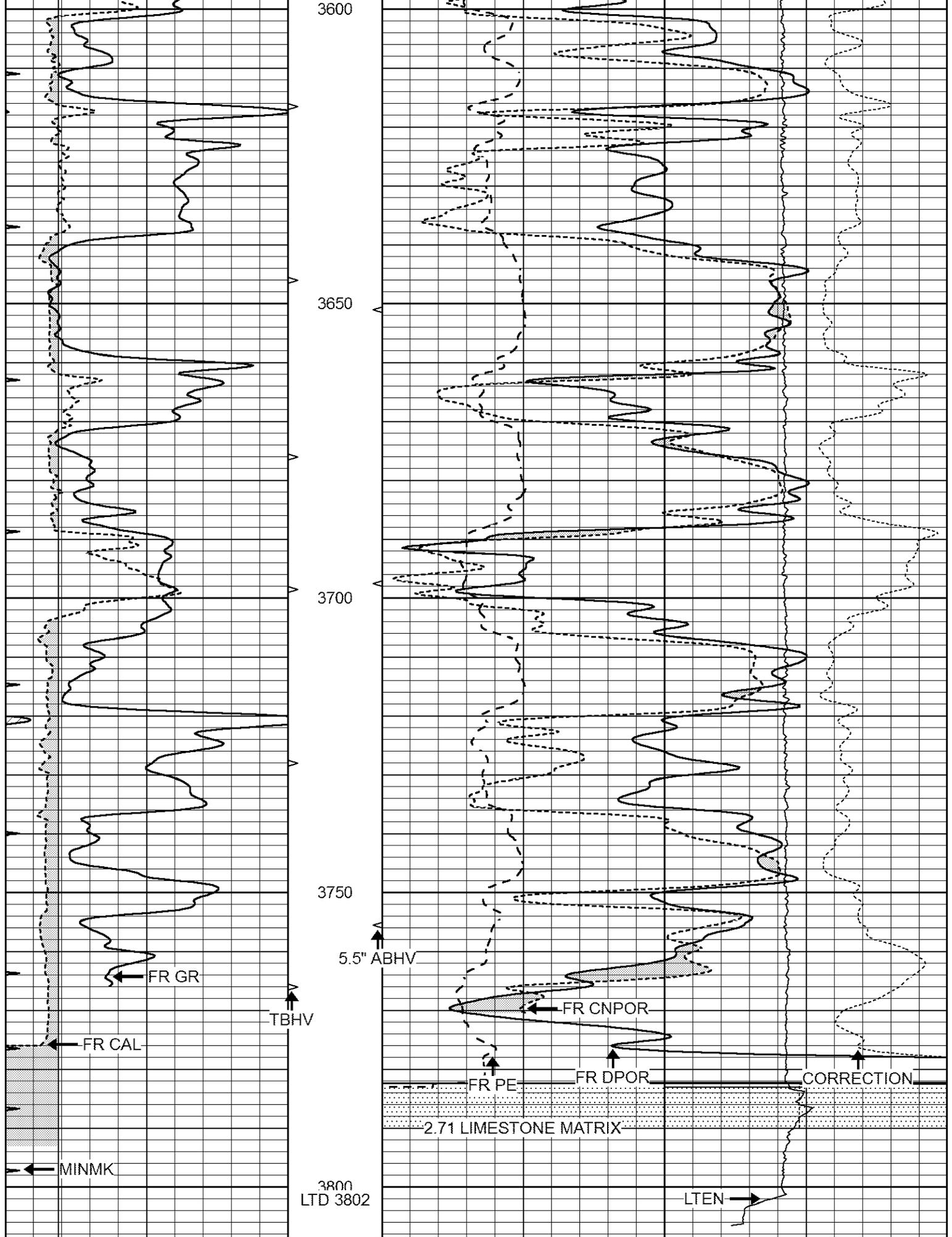
MAIN SECTION

Database File 7783pe.db
 Dataset Pathname pass3PE
 Presentation Format _ldt_neu
 Dataset Creation Tue Oct 17 17:11:05 2023
 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	
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10			0	LTEN (lb)	5000







0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10

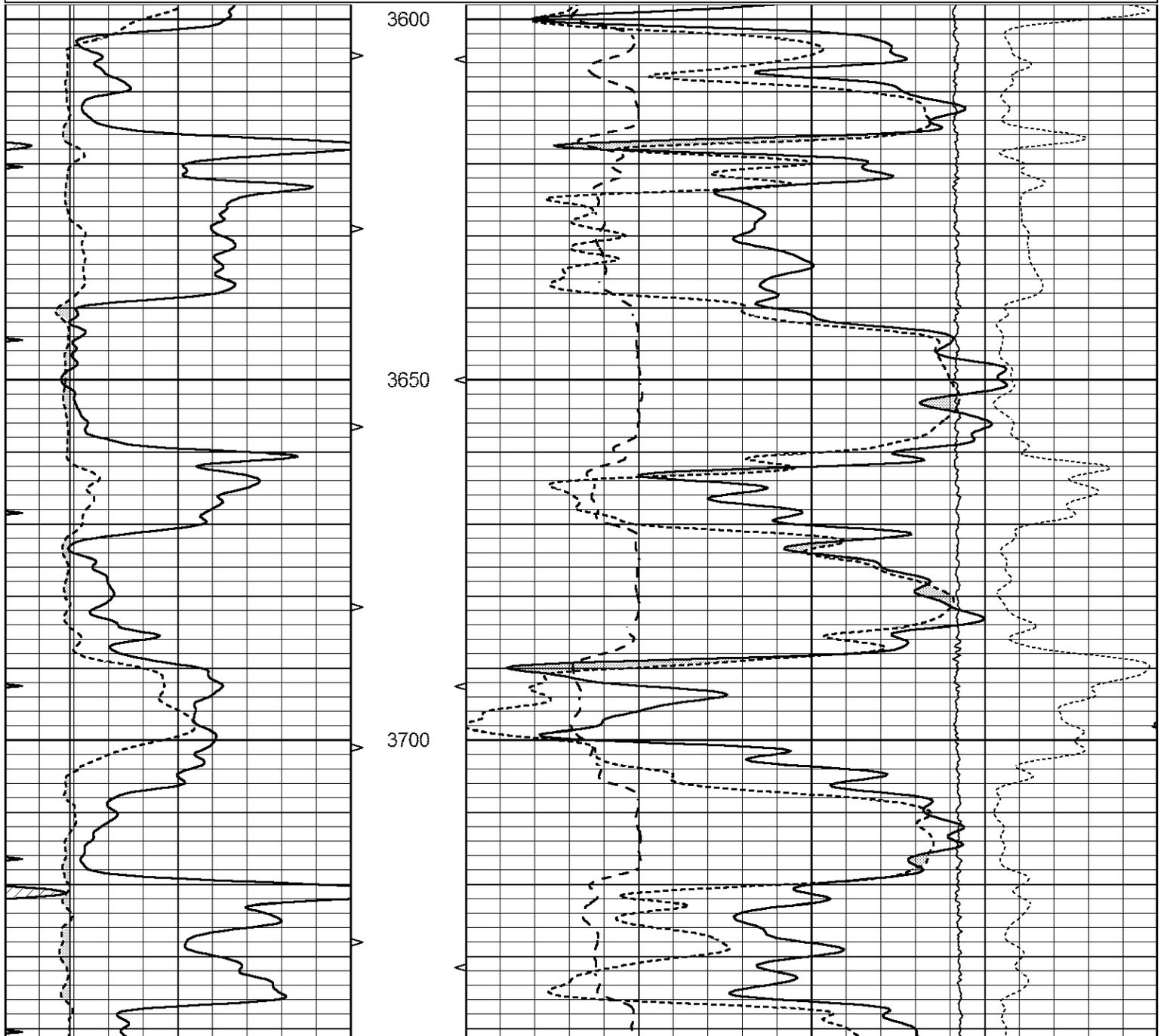
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			(ft3)	10			0	LTEN (lb)	5000

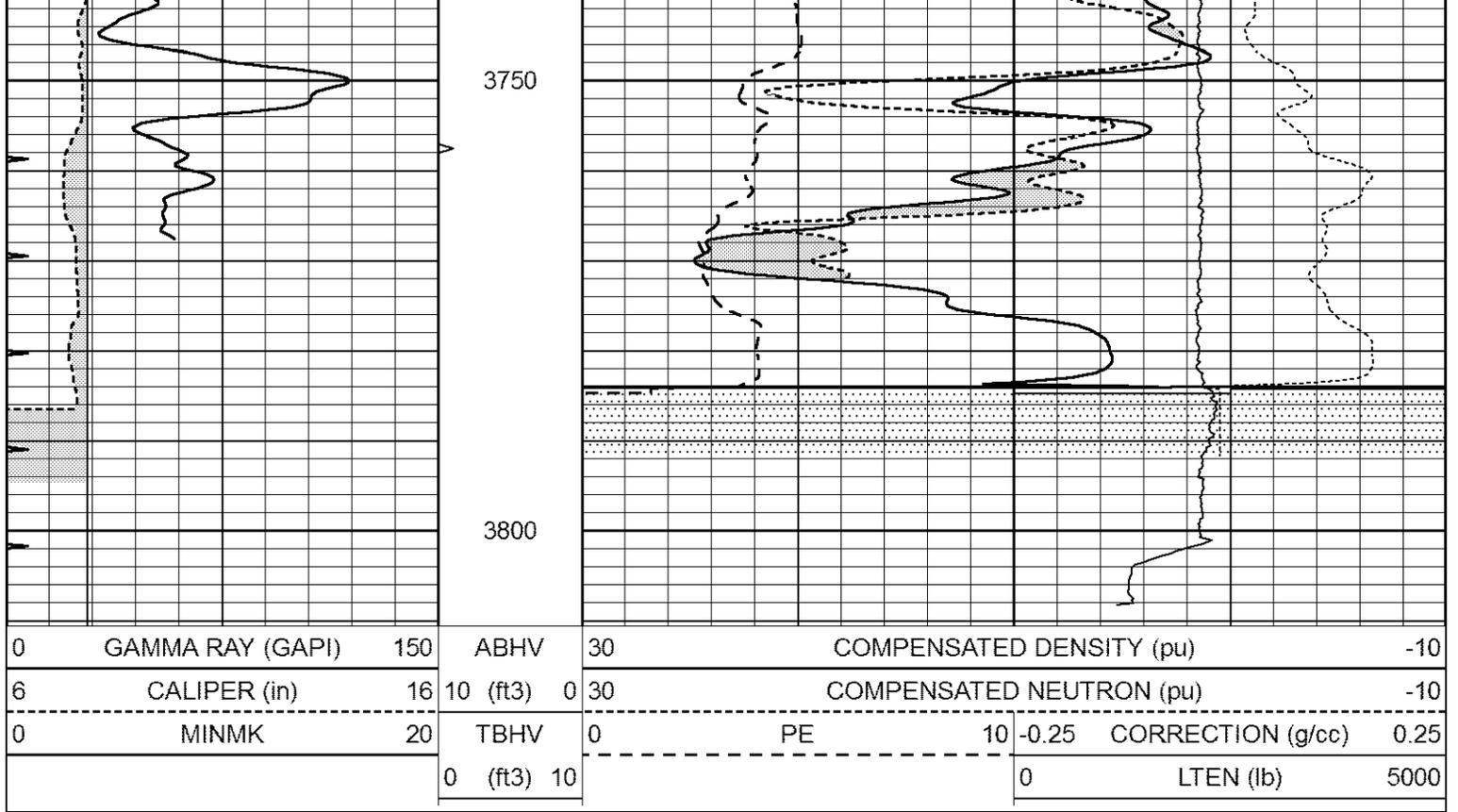


REPEAT SECTION

Database File 7783pe.db
 Dataset Pathname pass2RR
 Presentation Format _ldt_neu
 Dataset Creation Tue Oct 17 16:16:07 2023
 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		
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			(ft3)	10			0	LTEN (lb)	5000





Calibration Report

Database File 7783pe.db
 Dataset Pathname pass3PE
 Dataset Creation Tue Oct 17 17:11:05 2023

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Sat Jul 29 01:57:42 2023
 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	565.000	-11.000
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	530.000	-14.500
Internal:	Zero	Cal	V	Zero	Cal	mmho/m	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
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	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: 140704
Model: V4_10P
Source Number: 74GBq-19

Master Calibration

Performed: Fri May 12 10:26:47 2023

	Background	Aluminum	Magnesium		
Window 1	521.46	5212.91	23528.37	cps	
Window 2	43.81	1175.90	6160.42	cps	
Window 4	226.45	1217.97	4891.35	cps	
Window 5	519.17	8959.34	17037.10	cps	
Window 6	39.35	1453.85	2926.68	cps	
Window 8	253.66	2919.24	5361.51	cps	
Bulk Density	-	2.6020	1.6830	g/cc	
Pe	-	3.0000	2.5070	b/e	
LS Alpha:	: -1.7699	SS Alpha:	: -0.7448	LS CPE:	: 1.1844
LS Beta:	: 101708.6271	SS Beta:	: 19263.5258	SS CPE:	: 1.5835

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: Fri May 12 10:26:47 2023

Results	Readings	References (in)		Gain	Offset
Low	High	Low	High		
1891.2	737.1	6.0	16.0	-0.0	23.9

Before Survey Caliper Verification

Performed:

	Reference	Reading
Caliper (in)		

After Survey Caliper Verification

Performed:

Reference

Reading

Caliper (in)

Compensated Neutron Calibration Report

Serial Number:
Tool Model:

080621PMC
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 Aug 01 20:36:29 2023

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.4400 GAPI/cps