



COMPENSATED DENSITY/NEUTRON LOG

Company SCHIPPERS OIL SERVICES, LLC.

Well MARK ALLEN #1

Field UNNAMED

County SHERIDAN State KANSAS

Location: API # : 15-179-21510-0000

2210 FSL & 1940 FEL
SW - NE - NW - SE

SEC 17 TWP 6S RGE 29W

Permanent Datum GROUND LEVEL Elevation 2833
Log Measured From KELLY BUSHING 7' A.G.L.
Drilling Measured From KELLY BUSHING

DIL

Elevation
K.B. 2840
D.F. 2838
G.L. 2833

Date 10/14/24

Run Number ONE

Depth Driller 4173

Depth Logger 4175

Bottom Logged Interval 4151

Top Log Interval 3700

Casing Driller 8.625 @ 278

Casing Logger 278

Bit Size 7.875

Type Fluid in Hole CHEMICAL MUD CHLORIDES 1,500 PPM

Density / Viscosity 9.3/57

pH / Fluid Loss 10.5/7.2

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.70 @ 70F

Rmf @ Meas. Temp 1.28 @ 70F

Rmc @ Meas. Temp 2.04 @ 70F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT 1.01 @ 118F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 8:30 P.M.

Maximum Recorded Temperature 118F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By COLE ROBBEN

Witnessed By SEAN DEENIHAN

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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:

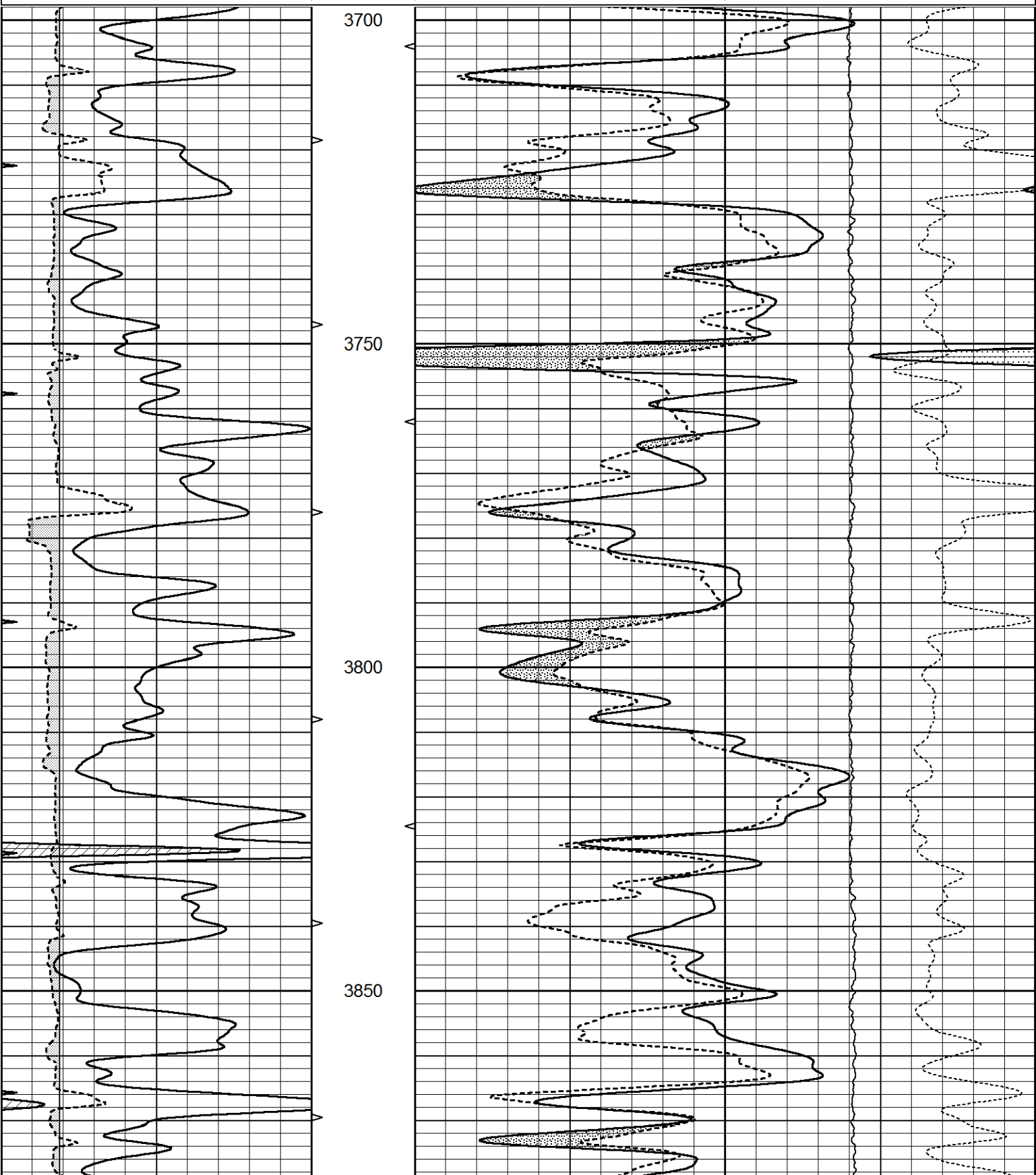
FROM SELDEN, KANSAS GO 1/2 MILE SOUTH ON SOUTH KENTUCKY AVE., WEST INTO

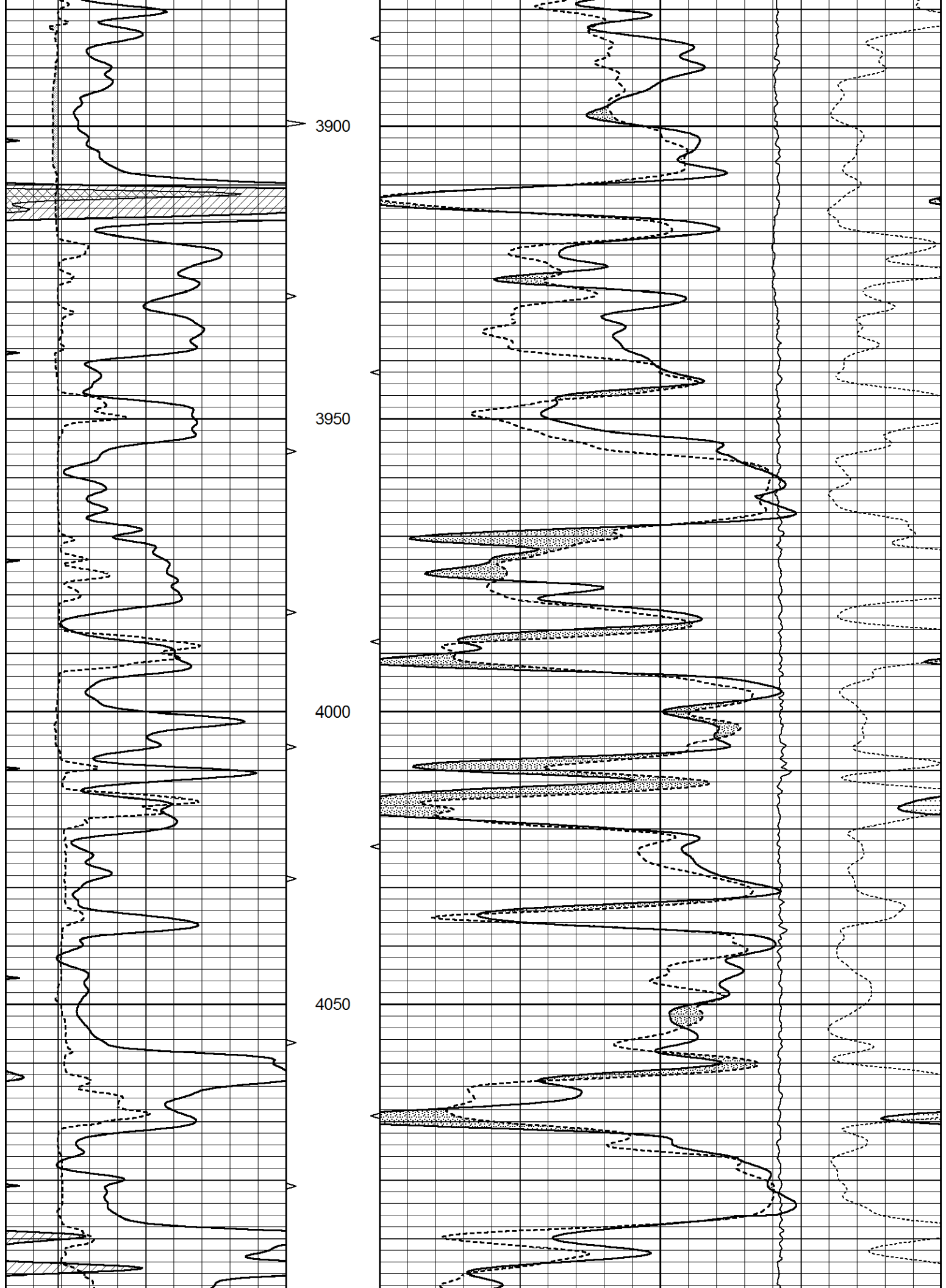


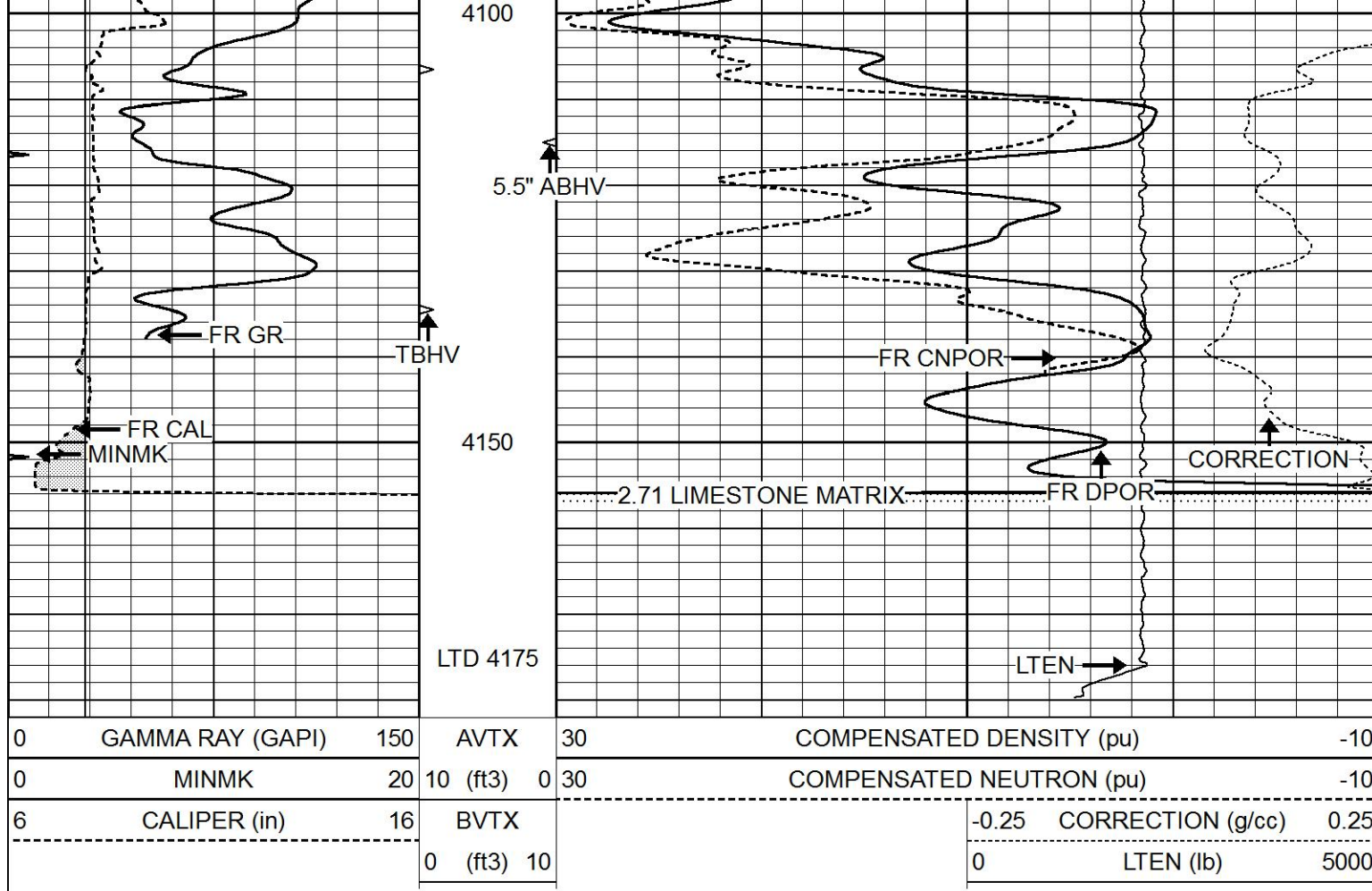
MAIN SECTION

Database File	9058ddn.db
Dataset Pathname	pass3D
Presentation Format	_den_neu
Dataset Creation	Mon Oct 14 21:14:48 2024
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		0 LTEN (lb)	5000



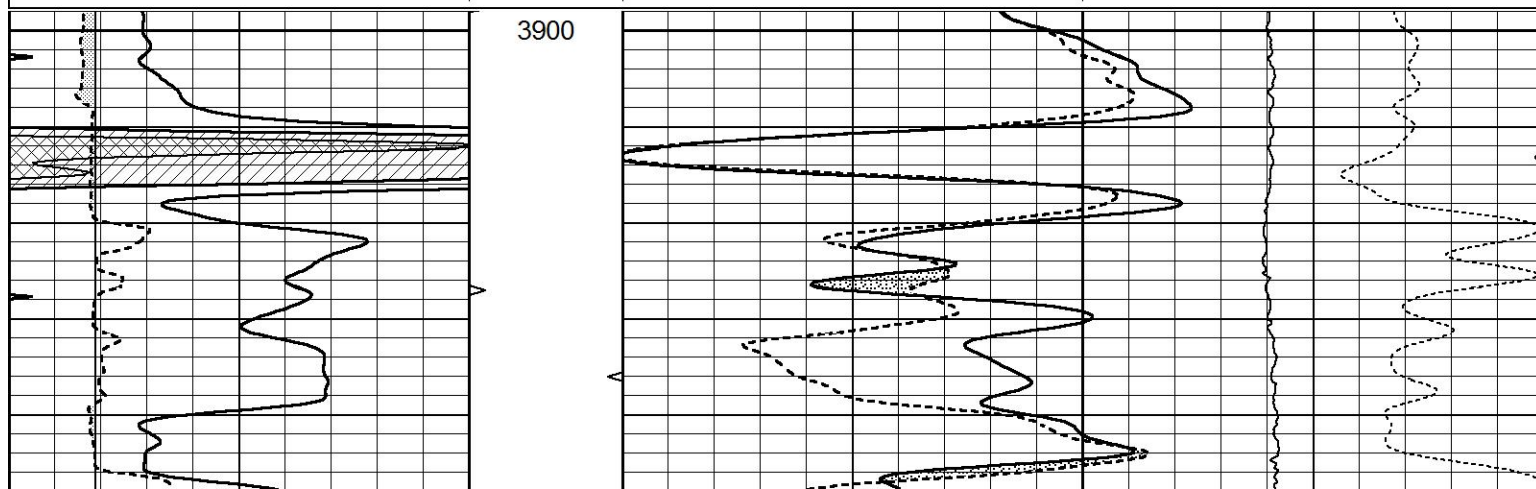


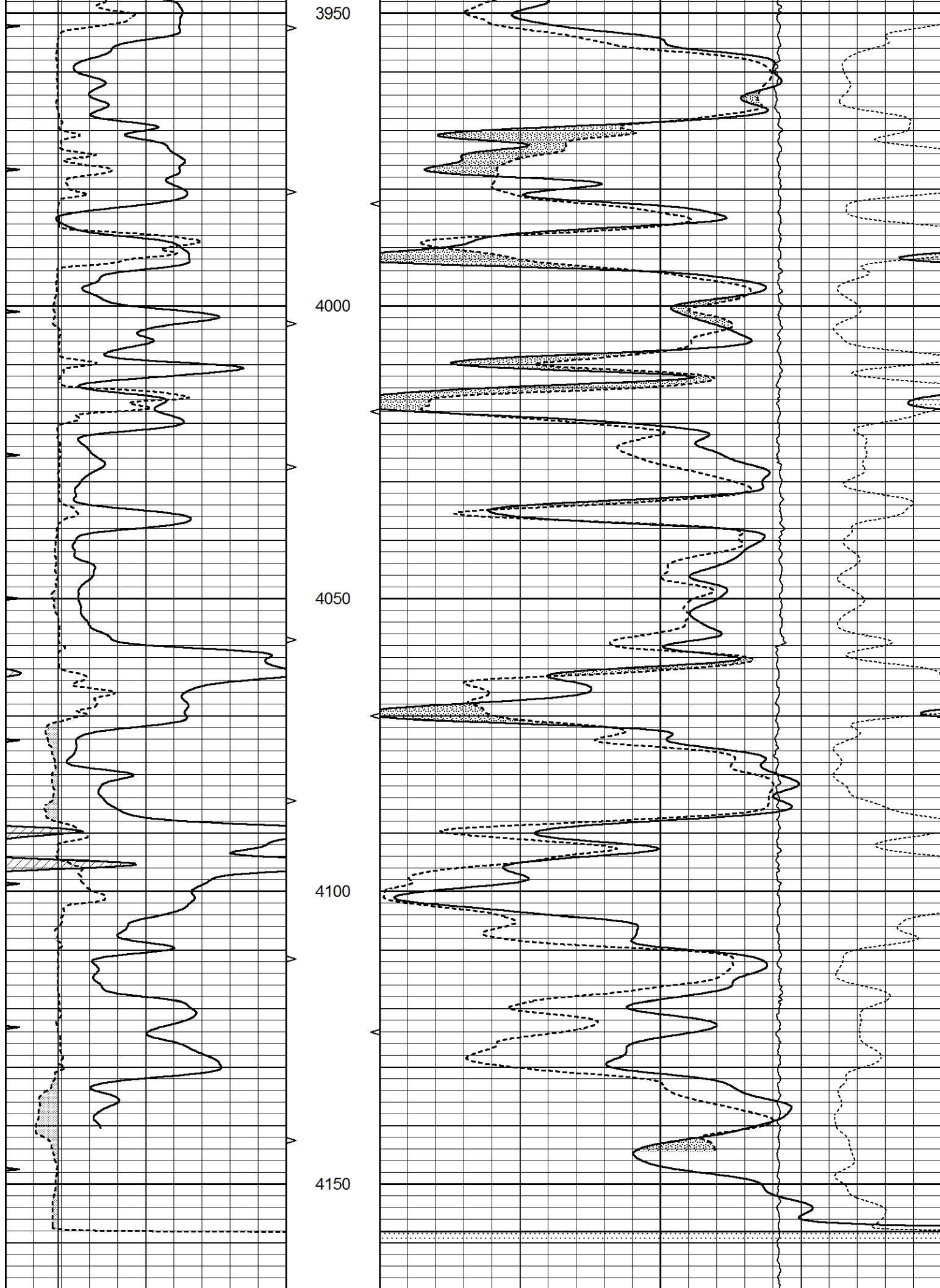


REPEAT SECTION

Database File 9058ddn.db
Dataset Pathname pass2.5
Presentation Format _den_neu
Dataset Creation Mon Oct 14 20:52:18 2024
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		0	LTEN (lb) 5000





Window 2	1398.8	6705.7	2507.3	2313.8	cps
Window 3	1289.2	5259.5	2124.1	2009.6	cps
Window 4	351.1	351.6	351.8	353.2	cps
Long Space	0.0	5306.9	1108.5	915.0	cps
Short Space	3.3	2239.9	1441.2	1212.0	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 44.3	Rib Slope	: 0.975	Density/Spine Ratio	: 0.541
Spine Angle	: 74.3	Spine Slope	: 3.551	Spine Intercept	: -18.8

Before Survey Verification			Performed Wed Dec 31 18:00:00 1969		
Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

After Survey Verification			Performed Wed Dec 31 18:00:00 1969		
Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

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:	46001
Tool Model:	Probe1
Performed:	Thu Apr 20 09:55:57 2023
Calibrator Value:	1.0
	GAPI

Background Reading:

0.0

cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.4300

GAPI/cps