



MIDWEST WIRELINE

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Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

St Peter, KS, S to Rd B, 1 W, S into

Log Measured From: Kelly Bushing 7 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Sean Deenihan
Secondary Witness:
Secondary Witness:
Secondary Witness:

Component	Offset (ft)	Schematic	Description	Length (ft)	QCD (in)	Weight (lb)
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Log Variables

DatabaseC:\ProgramData\Warrior\Data\satchell_hobbs a #7-34.db
Dataset field/well/StkMI/pass3.1/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 117	CASEOD in 5.5	CASETHCK in 0	FLUIDDEN g/cc 1	MATRXDEN g/cc 2.71	NPORSEL Limestone	PERFS No
SNDERR mmho/m 0.5	SNDERRM mmho/m -4.5	SPSHIFT mV 300	SRFTEMP degF 65	SZCOR Off	TDEPTH ft 4125		

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
MATRXDEN : Matrix Density
NPORSEL : Neutron Porosity Curve Select

PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth



MIDWEST WIRELINE

DETAIL SECTION

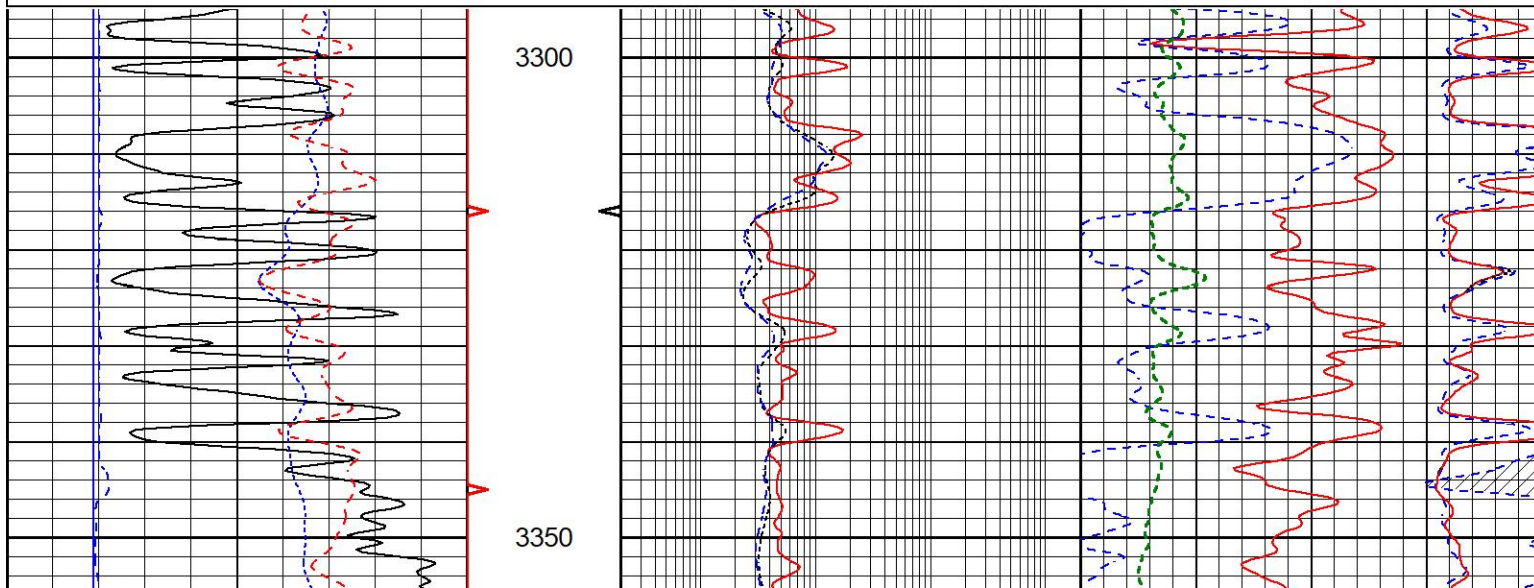
MAIN PASS

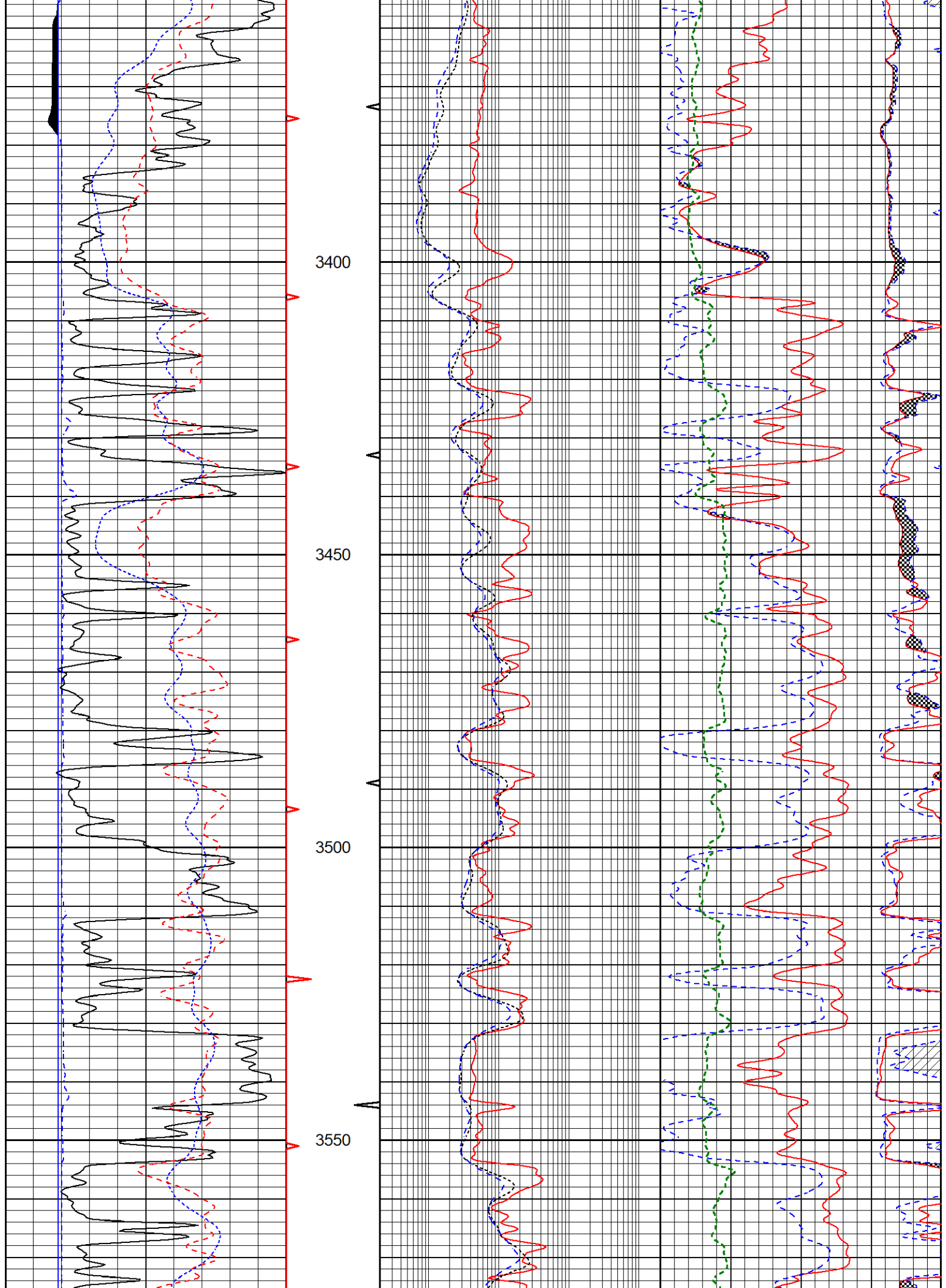
Database File satchell_hobbs a #7-34.db
Dataset Pathname StkMI/pass3.1
Presentation Format SUBFF3~1
Dataset Creation Thu Oct 05 22:12:48 2023
Charted by Depth in Feet scaled 1:240

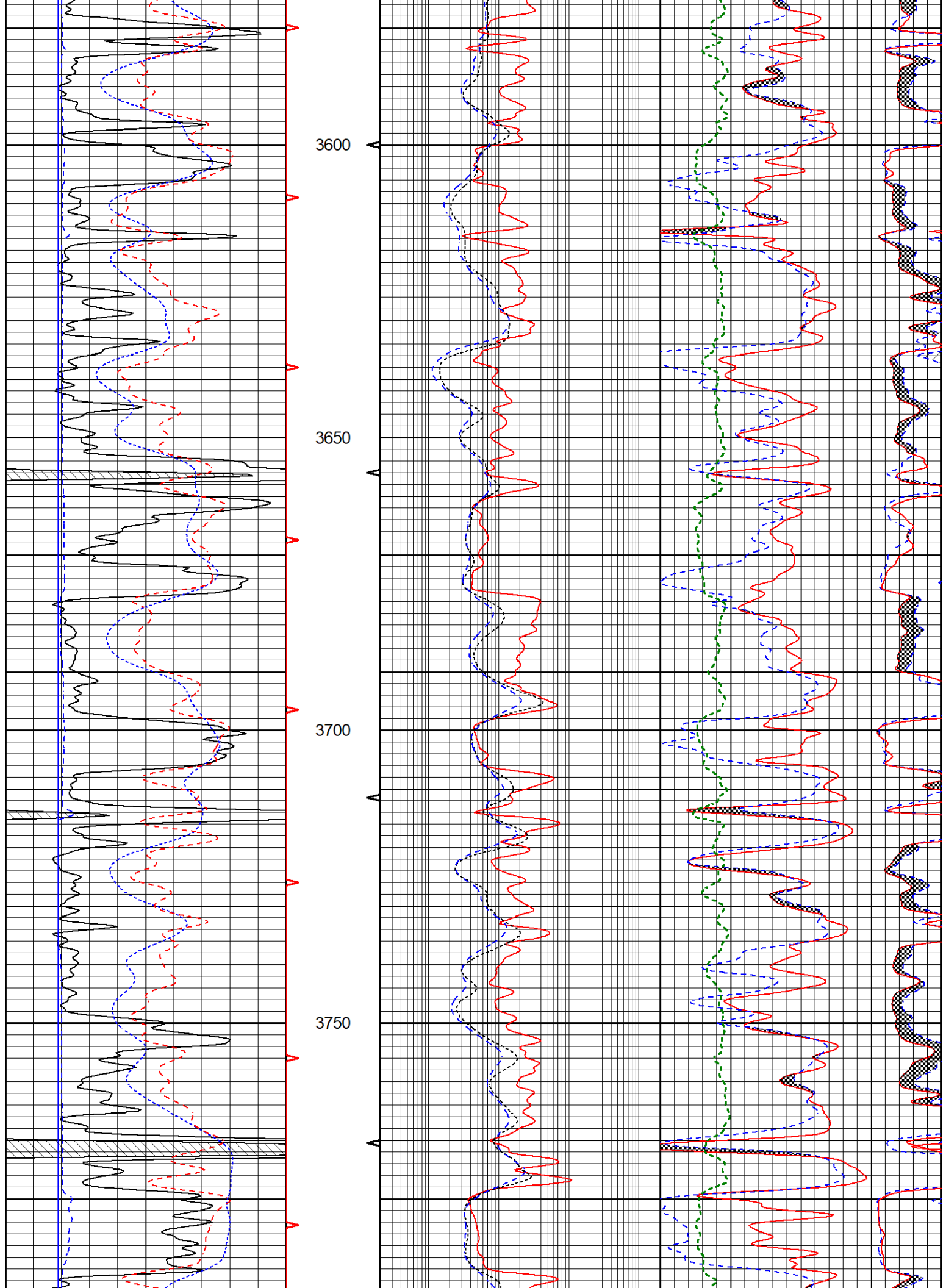
30	Gamma Ray (GAPI)	150
6	LCAL (in)	16
-200	SP (mV)	0
-160	RXORT	40

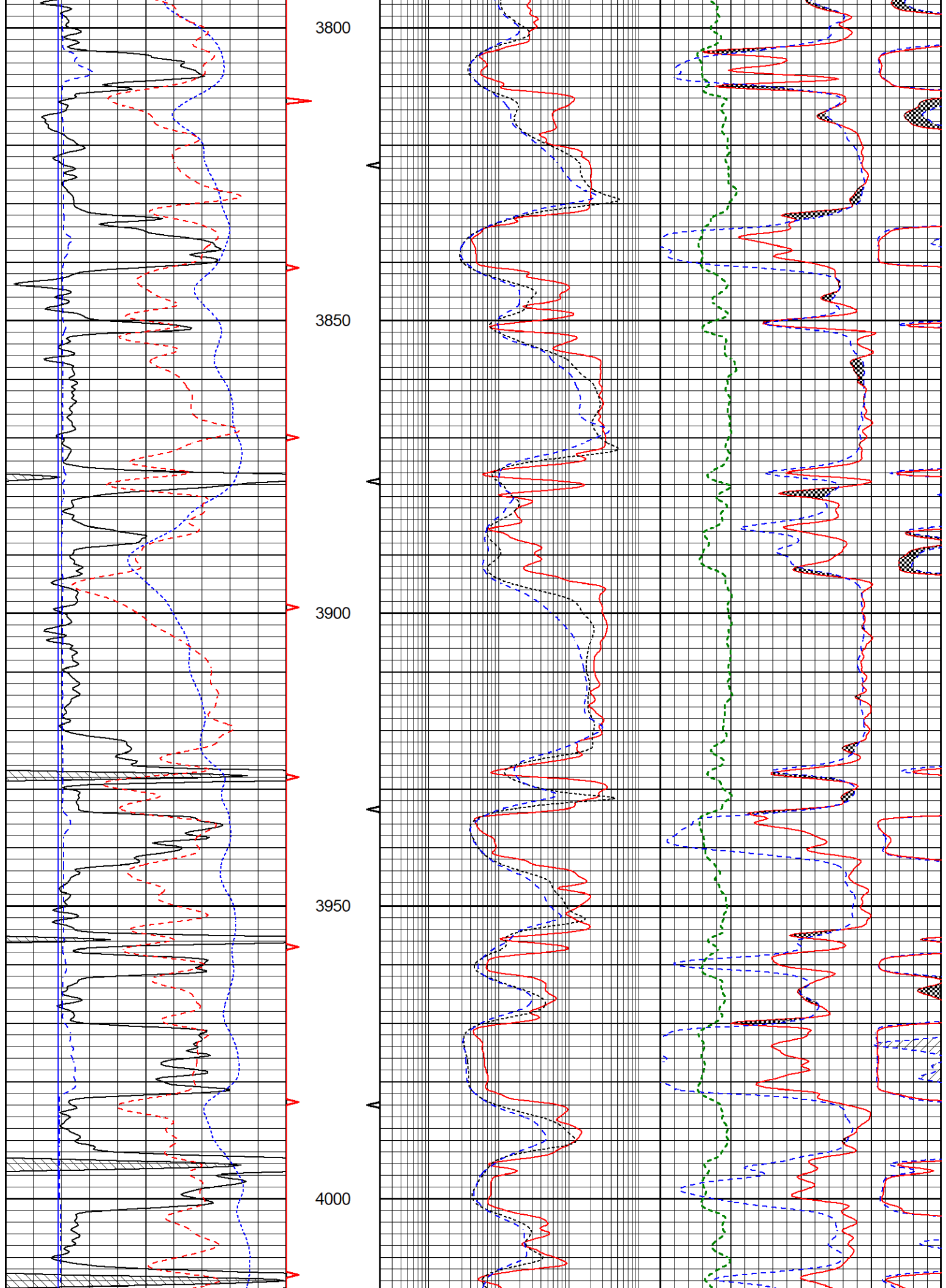
Shallow Resistivity		
0.2	(Ohm-m)	2000
Medium Resistivity		
0.2	(Ohm-m)	2000
0.2	Deep Resistivity (Ohm-m)	2000

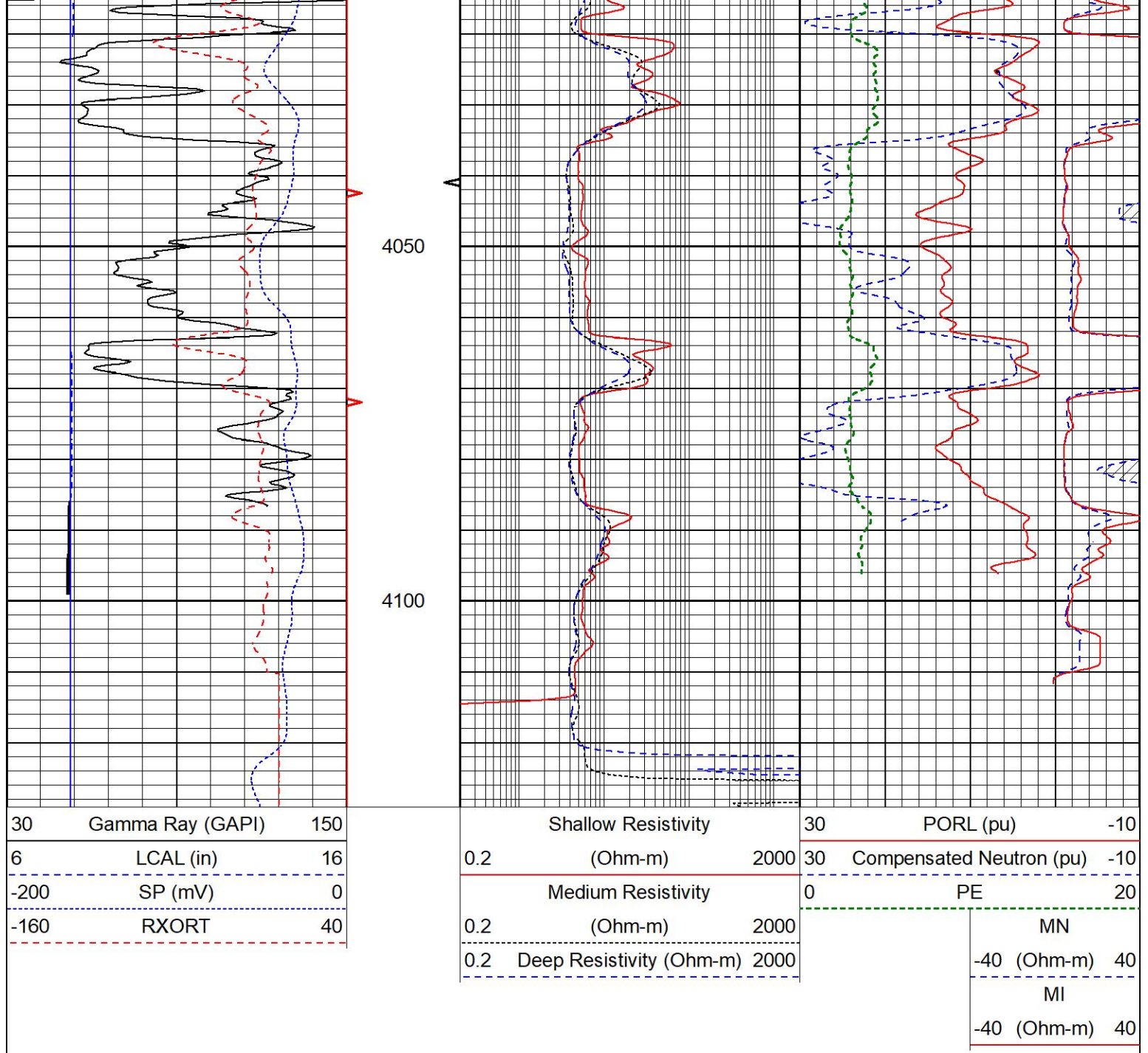
30	PORL (pu)	-10
30	Compensated Neutron (pu)	-10
0	PE	20
MN		
-40	(Ohm-m)	40
MI		
-40	(Ohm-m)	40







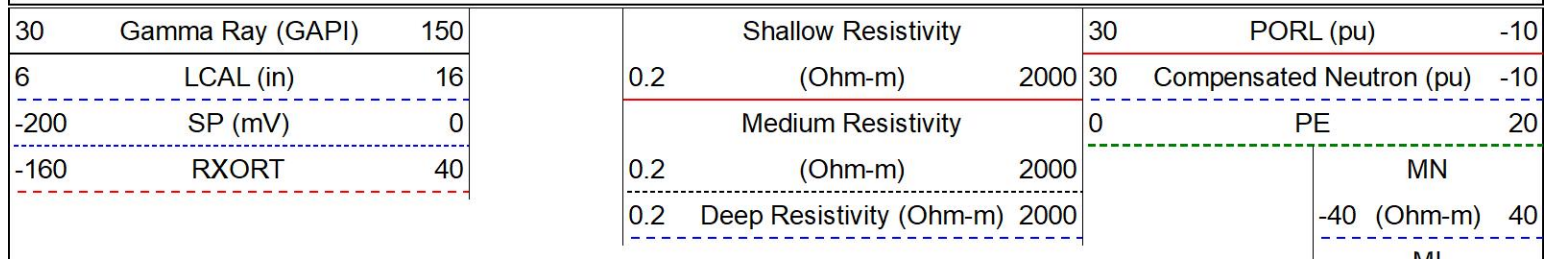


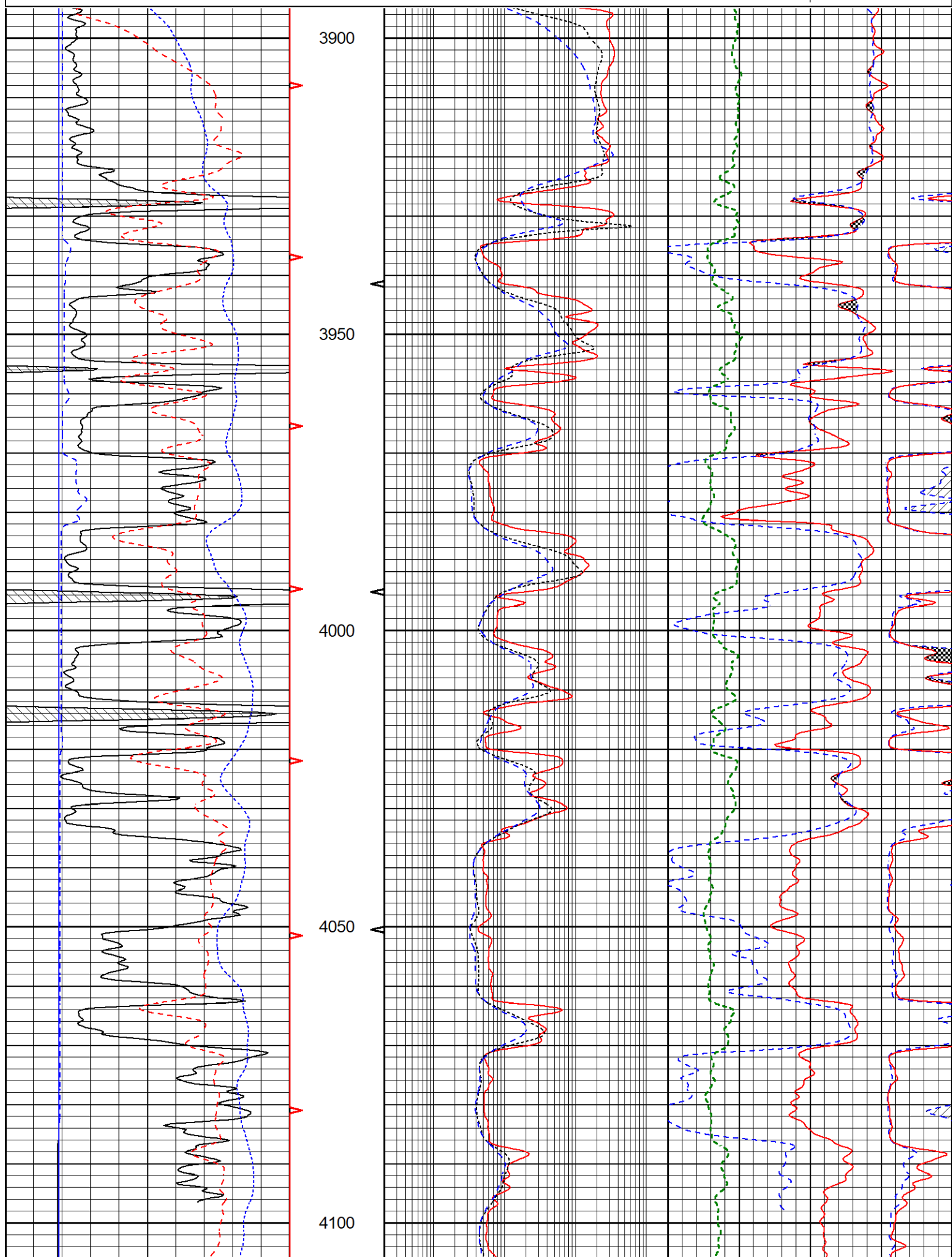


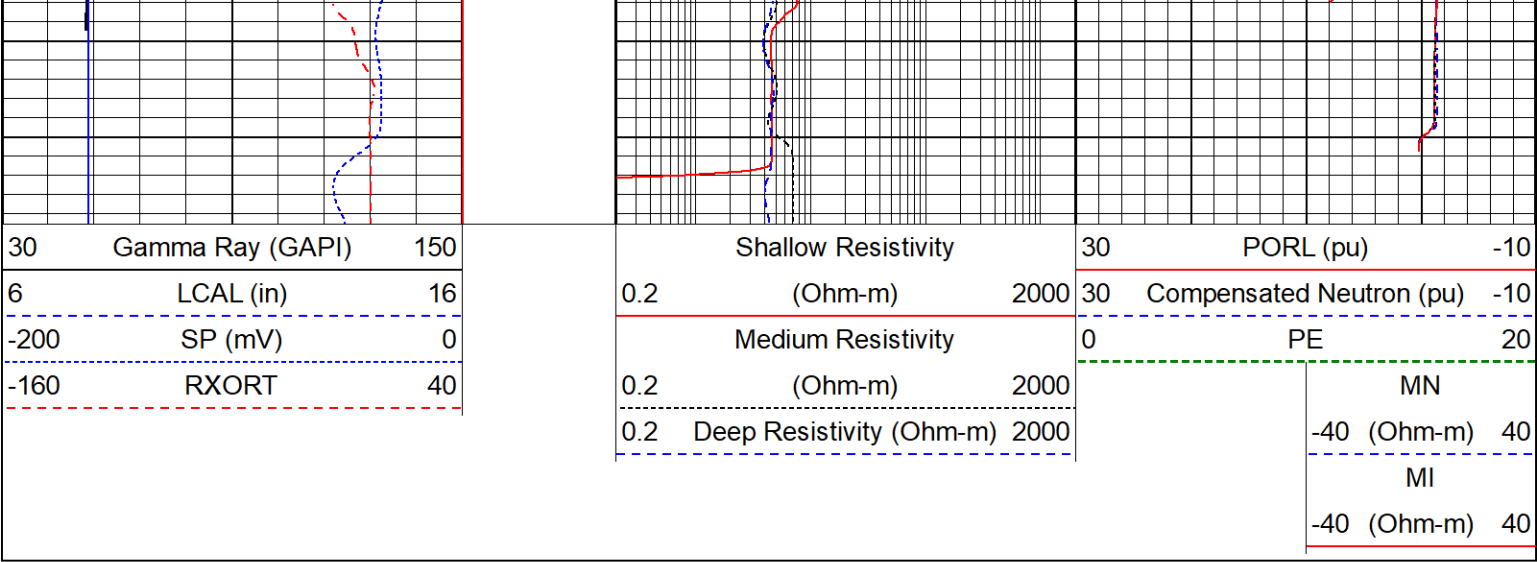
REPEAT SECTION

REPEAT PASS

Database File satchell_hobbs a #7-34.db
 Dataset Pathname StkMI/pass2.1
 Presentation Format SUBFF3~1
 Dataset Creation Thu Oct 05 21:31:58 2023
 Charted by Depth in Feet scaled 1:240







Calibration Report	
Database File	satchell_hobbs a #7-34.db
Dataset Pathname	StkMI/pass3.1
Dataset Creation	Thu Oct 05 22:12:48 2023

Dual Induction Calibration Report

Serial-Model:	507-M&W
Surface Cal Performed:	

Loop:	Readings		References			Results	
	Air	Loop	Air	Loop		m	b
Deep	68.570	638.100	0.000	255.800	mmho/m	0.500	-37.000
Medium	184.288	716.191	0.000	255.800	mmho/m	0.450	-79.000

Microlog Calibration Report

Serial-Model:	401-PSIML
Performed:	Mon Sep 25 22:02:56 2023

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	25500.0000	-1.0000
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	23000.0000	-0.7500
Caliper	1.0052	1.0858	5.0000	16.5000	in	142.7190	-138.8800

LITHODENSITY Calibration Report

Serial Number:	704-10
Tool Model:	STEP LITHO
Performed:	Fri Jun 23 15:26:01 2023
Source:	
Background:	
SS:	51
LS:	85
Aluminum:	
SS:	870
LS:	1057

Win1	Win2	Win3	Win4	Win5	Win6	Win7	Win8	
51	54	202	252	21	70	42	1	cps
85	96	363	462	53	147	97	3	cps
870	1018	2321	2004	37	71	43	2	cps
1057	1828	3315	1570	61	147	91	5	cps

Magnesium:									
SS:	1459	1669	3829	2914	42	70	46	3	cps
LS:	4526	7550	13047	4982	98	135	93	13	cps
Aluminum+Iron:									
SS:	553	719	1939	1750	37	72	45	2	cps
LS:	613	1297	2812	1404	60	146	96	4	cps
		Density			PE				
		Actual	Calibrated			Actual	Calibrated	Quality	
Background:									
SS:							0.245		
LS:							0.205		
Aluminum:									
SS:	2.6000	2.6000	g/cc						
LS:	2.6000	2.6000	g/cc						
Magnesium:									
SS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.210			
LS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.184			
Aluminum+Iron:									
SS:						6.1800	0.228		
LS:						6.1800	0.206		

Before Survey									
Performed:	Wed Feb 9	13:15:42	2022						
SS:	0	0	0	0	0	0	0	cps	
LS:	1370	1580	3705	3037	48	80	50	4	cps
After Survey									
Performed:	Wed Feb 9	13:16:02	2022						
SS:	0	0	0	0	0	0	0	cps	
LS:	1400	1600	3800	3100	60	100	70	6	cps

Caliper:	Reference:	Reading:
Small Ring:	6.0 in	0.2
Large Ring:	15.0 in	0.8
Gain:	16.161	
Offset:	1.080	

Compensated Neutron Calibration Report

Serial Number:		207
Tool Model:		M&W

CALIBRATION									
Detector			Readings		Target		Normalization		
Short Space			6240.00	cps	1000.00	cps	1.6025		
Long Space			460.00	cps	1000.00	cps	1.9500		

PRE-SURVEY VERIFICATION									
Detector			Readings		Measured		Target		
1)	Short Space		cps						
	Long Space		cps		pu		pu		
2)	Short Space		cps						
	Long Space		cps		pu				
3)	Short Space		cps						
	Long Space		cps		pu				

POST-SURVEY VERIFICATION									
Detector			Readings		Measured		Target		

	Detector	Readings	Measured	Target
1)	Short Space Long Space	cps cps	pu	pu
2)	Short Space Long Space	cps cps	pu	pu
3)	Short Space Long Space	cps cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 103
 Tool Model: M&W
 Performed: Fri Dec 3 15:10:46 2021

 Calibrator Value: 500.0 GAPI

 Background Reading: 24.0 cps
 Calibrator Reading: 637.0 cps

 Sensitivity: 0.5000 GAPI/cps



Company Satchell Creek Petroleum LLC
 Well Hobbs A #7-34
 Field Unnamed
 County Graham
 State Kansas