Company Civitas
Well State Of Colorado 1S-66-36-0108CH
Field Third Creek
County Adams
State Colorado

KLX Energy Services

Company Civitas
Well State Of Colorado 1S-66-36-0108CH
Field Third Creek
County Adams State Colorado

Location: API # : 0500109782
1268' FNL & 299' FWL
SEC 36 TWP 1S RGE 66W

Other Services
NONE

Permanent Datum Ground Level Elevation 5180'
Log Measured From KB
Drilling Measured From 23'

Elevation
K.B. 5203'
D.F. 5202'
G.L. 5180'

Date	03 April 2023
Run Number	ONE
Depth Driller	12195'
Depth Logger	7141'
Bottom Logged Interval	7140'
Top Log Interval	Surface
Open Hole Size	24"
Type Fluid	Water
Density / Viscosity	8.34 #
Max. Recorded Temp.	
Estimated Cement Top	SEE LOG
Time Well Ready	ROA
Time Logger on Bottom	14:30
Equipment Number	65
Location	Platteville
Recorded By	C. Afdahl
Witnessed By	Robie Dampier

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36	Surface	1490'
Prot. String				
Production String	7"	26	Surface	7900'
Liner	4.5"	1.6	7400'	12195'

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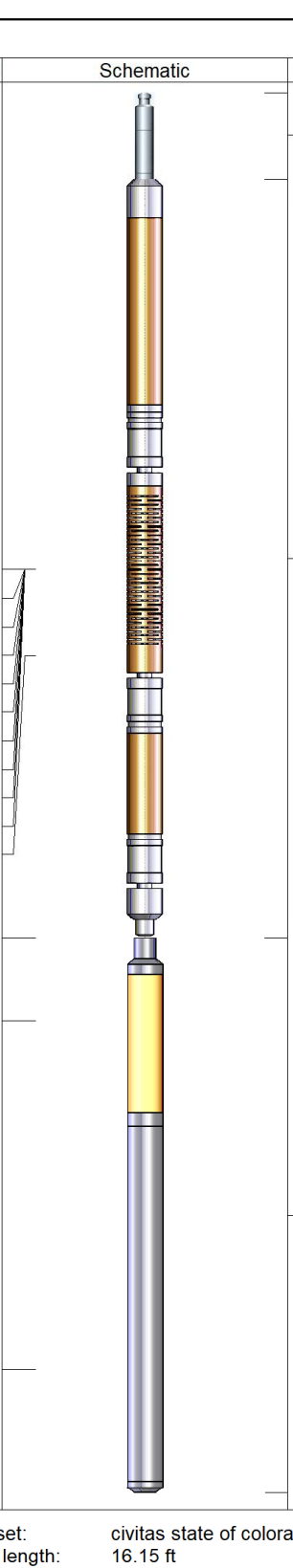
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Sensor	Offset (ft)
WVFS8	10.65
WVFS7	10.65
WVFS6	10.65
WVFS5	10.65
WVFS4	10.65
WVFS3	10.65
WVFS2	10.65
WVFS1	10.65
WVFCAL	10.65
WVF3FT	10.65
WVF5FT	9.65
HEADVOLT	6.40
CCL	5.44
GR	1.42

Schematic



Description	Length (ft)	O.D. (in)	Weight (lb
CHD-Titan Titan 1 7/16" GO Cablehead	1.00	1.44	5.00
RBT-Probe 2.75 Radii (110412) 2 3/4" Probe Radii	8.75	2.75	106.50
GR-Probe275dig (080831) HT Probe 2 3/4" Gamma CCL	6.40	2.75	57.00

Dataset: civitas state of colorado 1s-66-36-0108ch rcbl 4-3-23.db: field/well/run1/pass5
Total length: 16.15 ft
Total weight: 168.50 lb
O.D.: 2.75 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\civitas state of colorado 1s-66-36-0108ch rcbl 4-3-23.db
Dataset field/well/run1/pass5/_vars_

Top - Bottom

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft
7.875	100	7	0	26	0	1	0.8

PERFS	PPT usec	SRFTEMP degF	TDEPTH ft
No	0	0	0

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude
MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation
PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

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MAIN PASS

LOGGED UNDER 0 PSI

Database File	civitas state of colorado 1s-66-36-0108ch rcbl 4-3-23.db
Dataset Pathname	pass5
Presentation Format	rcbl_hh
Dataset Creation	Mon Apr 03 14:42:08 2023
Charted by	Depth in Feet scaled 1:240

400 Travel Time (usec) 200
0 Gamma Ray (GAPI) 150
sing Co
9 -1
e Tens
(lb)
(2000
0 Amplitude (mV)100
Amplified Amplitude
0 (mV) 10
-5 Sector 1 150
-5 Sector 2 150
-5 Sector 3 150
-5 Sector 4 150
-5 Sector 5 150
-5 Sector 6 150
-5 Sector 7 150
-5 Sector 8 150
Variable Density
200 (usec) 1200
1 Cement Map 8

400 Travel Time (usec) 200
0 Gamma Ray (GAPI) 150
sing Co
9 -1
e Tens
(lb)
(2000
0 Amplitude (mV)100
Amplified Amplitude
0 (mV) 10
-5 Sector 1 150
-5 Sector 2 150
-5 Sector 3 150
-5 Sector 4 150
-5 Sector 5 150
-5 Sector 6 150
-5 Sector 7 150
-5 Sector 8 150
Variable Density
200 (usec) 1200
1 Cement Map 8

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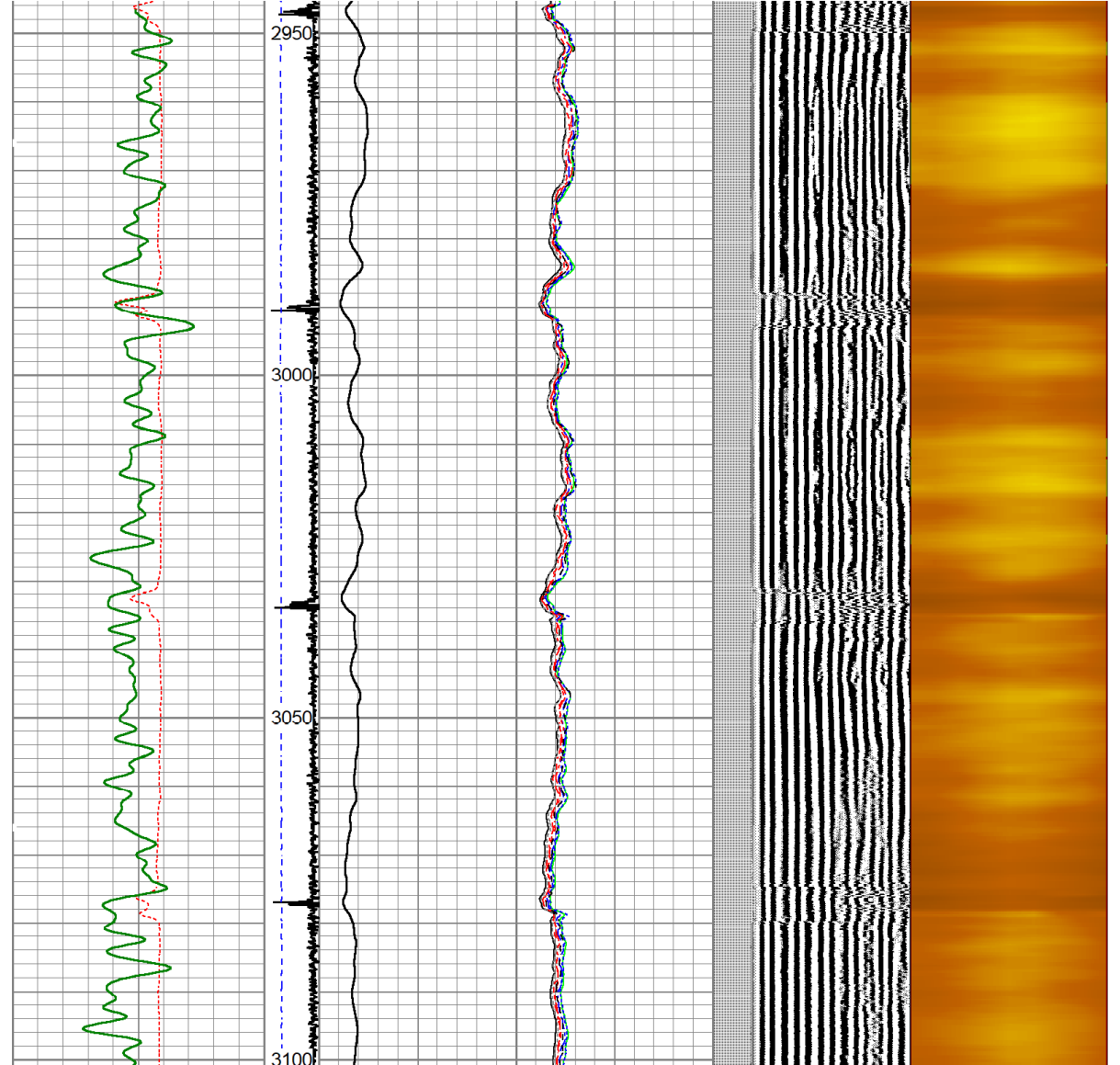
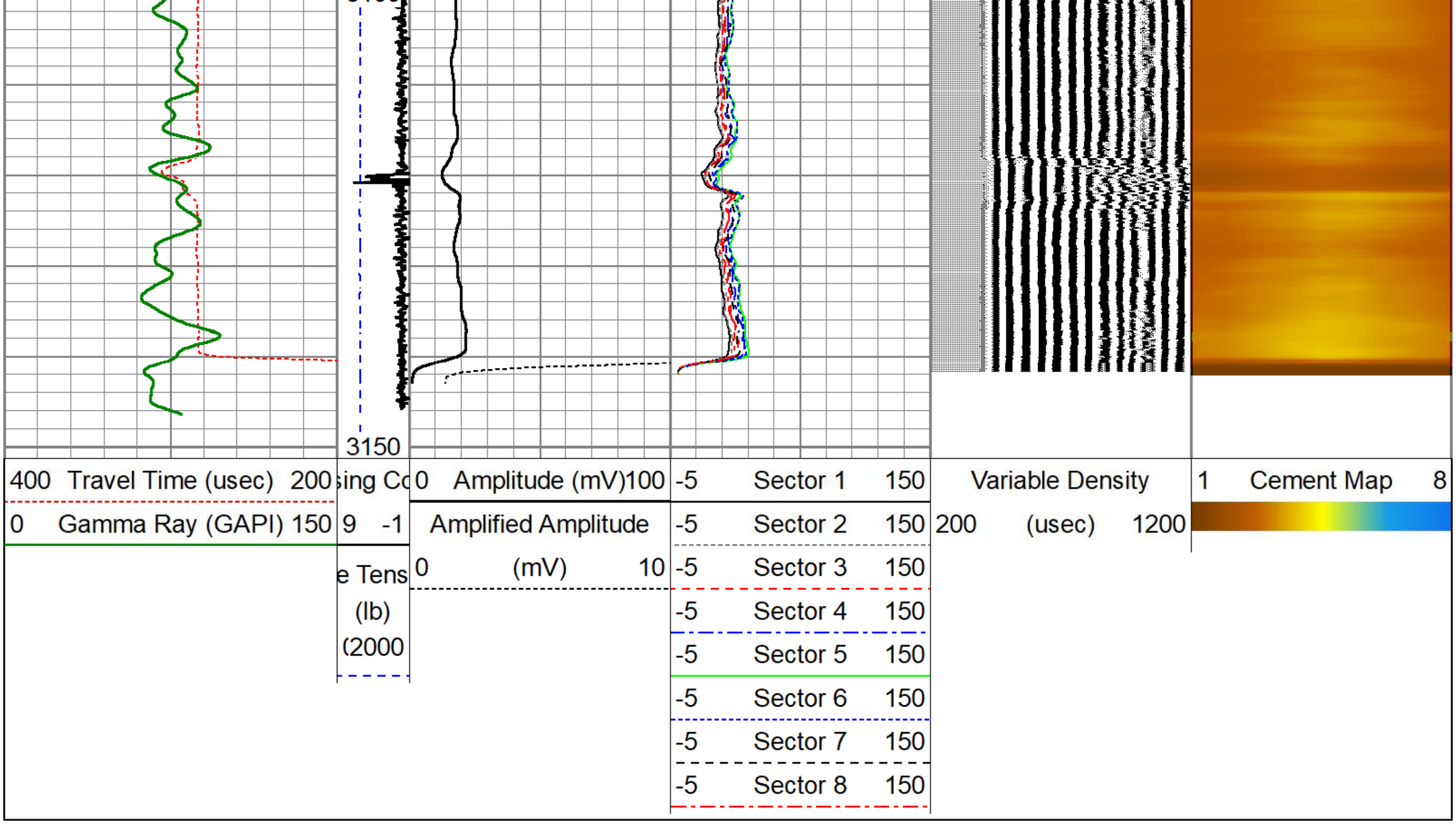
Repeat Pass

Logged under 0 PSI

Database File	civitas state of colorado 1s-66-36-0108ch rcbl 4-3-23.db
Dataset Pathname	pass4
Presentation Format	rcbl_hh
Dataset Creation	Mon Apr 03 14:38:42 2023
Charted by	Depth in Feet scaled 1:240

400 Travel Time (usec) 200
0 Gamma Ray (GAPI) 150
sing Co
9 -1
e Tens
(lb)
(2000
0 Amplitude (mV)100
Amplified Amplitude
0 (mV) 10
-5 Sector 1 150
-5 Sector 2 150
-5 Sector 3 150
-5 Sector 4 150
-5 Sector 5 150
-5 Sector 6 150
-5 Sector 7 150
-5 Sector 8 150
Variable Density
200 (usec) 1200
1 Cement Map 8





Calibration Report

Database File civitas state of colorado 1s-66-36-0108ch rcbl 4-3-23.db
Dataset Pathname pass5
Dataset Creation Mon Apr 03 14:42:08 2023

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 080831

SHOP CALIBRATION (Not Performed)

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		1.0000			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: 110412
Tool Model: Probe 2.75 Radii

Calibration Casing Diameter: 7.000 in
Calibration Depth: 57.658 ft

Master Calibration, performed Mon Apr 3 14:24:54 2023:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.817	1.500	62.165	74.442	1.358
CAL	0.001	1.297				
5'	0.001	0.929	1.500	62.165	65.388	1.407
SUM						
S1	0.002	0.916	0.000	100.000	109.389	-0.192
S2	0.002	0.892	0.000	100.000	112.362	-0.206
S3	0.002	0.794	0.000	100.000	126.202	-0.240
S4	0.002	0.734	0.000	100.000	136.686	-0.270
S5	0.002	0.726	0.000	100.000	138.168	-0.265
S6	0.002	0.759	0.000	100.000	132.140	-0.229
S7	0.002	0.809	0.000	100.000	123.911	-0.244
S8	0.002	0.881	0.000	100.000	113.781	-0.219

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.001	1.297	1.000	0.000

Air Zero Calibration, performed Fri Jan 28 15:43:27 2022:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000