GAMMA RAY C.C.L.
CEMENT BOND V.D.L.
SECTOR MAP

KLX Energy Services

Company	EXTRACTION
Well	KITELEY #8
Field	WATTENBERG
County	WELD
State	COLORADO
Country	USA

Company EXTRACTION
Well KITELEY #8
Field WATTENBERG
County WELD
State COLORADO Country USA

API #: 05-123-43924

Location: 1389 FSL & 622 FWL
SEC 21 TWP 3N RGE 68W

Other Services

Permanent Datum G.L. Elevation 4988
Log Measured From K.B.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 5916
D.F. 8.344 PPG WATER
G.L. 4988

Date	18-MAR-2017
Run Number	1
Depth Driller	11886
Depth Logger	7189
Bottom Logged Interval	7185
Top Log Interval	SURFACE
Open Hole Size	7.875
Type Fluid	WATER
Density / Viscosity	8.344
Max. Recorded Temp.	220
Estimated Cement Top	SURFACE
Time Well Ready	AM
Time Logger on Bottom	11:59
Equipment Number	411468
Location	STERLING
Recorded By	RUSS PHIPPS
Witnessed By	HANS CARY

Borehole Record			
Run Number	Bit	From	To

Tubing Record			
Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625	36	SURFACE	1500
Prot. String				
Production String	5.5	11.88	SURFACE	11886
Liner				

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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

00X0000000
THIRD WELL FROM THE SOUTH

THANK YOU FOR CALLING KLX WIRELINE SERVICES

Calibration Report

Database File: downhole.db
Dataset Pathname: pass4
Dataset Creation: Sun Mar 19 14:21:48 2017 by Log Std Casedhole 10081

Temperature Calibration Report

Serial Number: 0001
Tool Model: 1.375TEMP
Performed: Wed Mar 15 15:39:51 2006

	Reference	Reading
Low Reference:	0.00 degF	0.00 cps
High Reference:	100.00 degF	1000.00cps

Gain: 0.10
Offset: 0.00
Delta Spacing 2

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 080221

SHOP CALIBRATION Thu Sep 08 10:58:32 2016

	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: 1307-48
Tool Model: Probe LT Radii

Calibration Casing Diameter: 5.500 in
Calibration Depth: 23.803 ft

Master Calibration, performed Sun Mar 19 09:48:26 2017:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.806	1.500	71.921	87.541	1.341
CAL	0.001	0.863				
5'	0.002	0.778	1.500	71.921	90.667	1.343
SUM						
S1	0.002	0.840	2.000	100.000	116.858	1.800
S2	0.002	0.798	2.000	100.000	123.148	1.749
S3	0.002	0.804	2.000	100.000	122.181	1.764
S4	0.002	0.804	2.000	100.000	122.151	1.770
S5	0.002	0.815	2.000	100.000	120.474	1.772
S6	0.002	0.818	2.000	100.000	120.099	1.780
S7	0.002	0.812	2.000	100.000	121.008	1.775
S8	0.002	0.807	2.000	100.000	121.724	1.811

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.001	0.863	1.000	0.000

Air Zero Calibration, performed Wed Dec 31 17:00:00 1969:

	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

Database File: kiteley_#8_rcbl.db
Dataset Pathname: pass4
Presentation Format: klx.rcbl
Dataset Creation: Sat Mar 18 11:59:01 2017 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240

Travel Time	asing Colla	Amplitude (mV)	AMPS1–AMPS8	Variable Density	Cement Map
400 (usec) 200	-1 9	0 Amplitude (mV) 100	0 AMPS1 150	200 1200	1 Cement Map 8
Gamma Ray		Amplified Amplitude	0 AMPS2 150		0 100
0 (GAPI) 200		0 (mV) 10	0 AMPS3 150		
0 Line Tension (lb) 2500			0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		

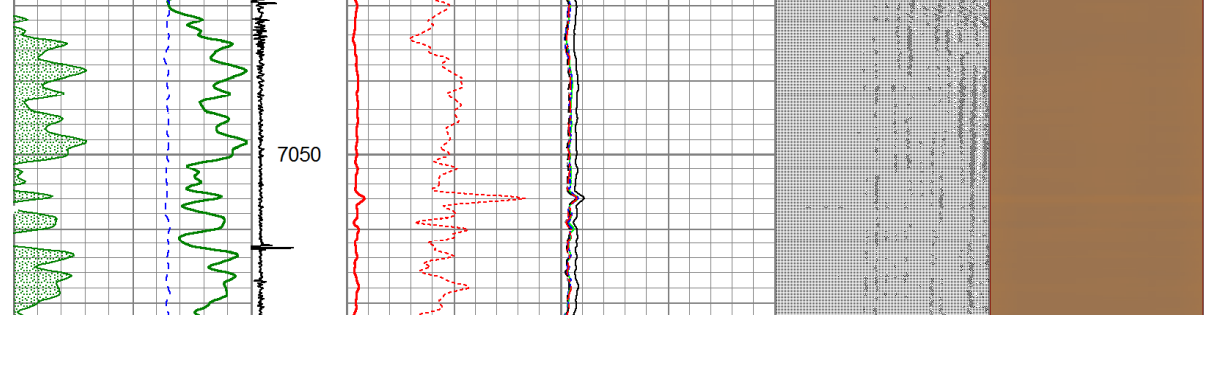
Travel Time 400 (usec) 200	asing Colla -1 9	0 Amplitude (mV)100	0 AMPS1 150	Variable Density 200 1200	1 Cement Map 8 0 100
Gamma Ray 0 (GAPI) 200		Amplified Amplitude 0 (mV) 10	0 AMPS2 150		
0 Line Tension (lb)2500			0 AMPS3 150		
			0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		

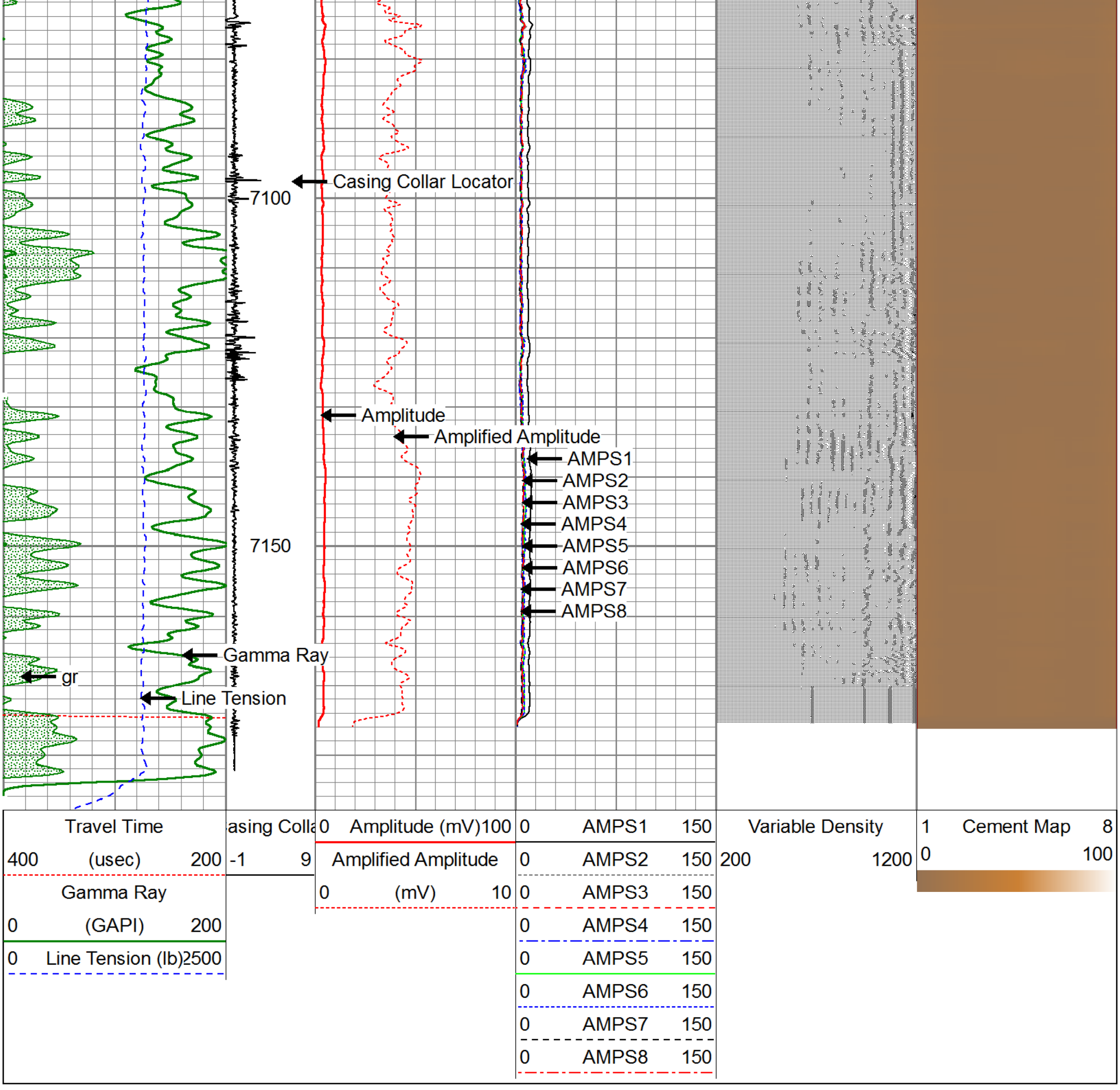
KLX
Energy Services

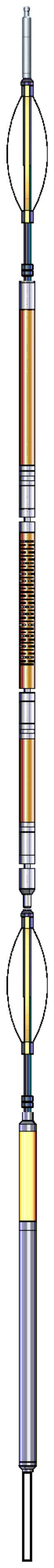
REPEAT PASS

Database File:	kiteley_#8_rcbl.db
Dataset Pathname:	pass3
Presentation Format:	klx.rcbl
Dataset Creation:	Sat Mar 18 11:46:25 2017 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240

Travel Time 400 (usec) 200	asing Colla -1 9	0 Amplitude (mV)100	0 AMPS1 150	Variable Density 200 1200	1 Cement Map 8 0 100
Gamma Ray 0 (GAPI) 200		Amplified Amplitude 0 (mV) 10	0 AMPS2 150		
0 Line Tension (lb)2500			0 AMPS3 150		
			0 AMPS4 150		
			0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	3.00
			PTS275	2.83	2.75	
WVF3FT	13.33		RBT-Probe LT Radii (1307-48) RADII LT	8.75	2.75	106.50
WVFCAL	13.33					
WVFS1	13.33					
WVFS2	13.33					
WVFS3	13.33					
WVFS4	13.33					
WVFS5	13.33					
WVFS6	13.33					
WVFS7	13.33					
WVFS8	13.33					
WVF5FT	12.33					
			PTS275	2.83	2.75	
CCL	5.42					
GR	3.75		GR-Probe275dig (080221) Probe 2.75 High Temperature	5.00	2.75	57.00
TEMP	0.17		TEMP-1.375TEMP (0001) Temperature Tool	1.25	1.38	30.00

Dataset:	kiteley_#8_rcbl.db: field/well/run1/pass3
Total Length:	21.67 ft
Total Weight:	196.50 lb
O.D.	2.75 in