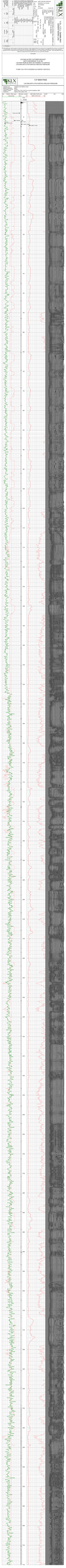
KLX
KLX ENERGY SERVICES
Gamma Ray (GR) (API)
Caliper (CALI) (in)
Bit Size (BS) (in)
Deep Resistivity (RDEP) (ohm.m)
Medium Resistivity (RMED) (ohm.m)
Shallow Resistivity (RSHA) (ohm.m)
Neutron Porosity (NPHI) (dec)
Bulk Density (RHOB) (g/cm3)
Density Correction (DRHO) (g/cm3)
Photoelectric Factor (PEF) (b/e)
Delta-T Compressional (DTC) (us/ft)
Delta-T Shear (DTS) (us/ft)
Gamma Ray (GR) (API)
Caliper (CALI) (in)
Bit Size (BS) (in)
Deep Resistivity (RDEP) (ohm.m)
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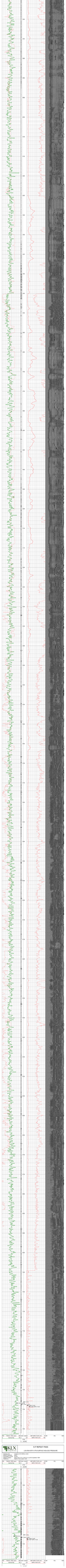
Neutron Porosity (NPHI) (dec)
Bulk Density (RHOB) (g/cm3)
Density Correction (DRHO) (g/cm3)
Photoelectric Factor (PEF) (b/e)
Delta-T Compressional (DTC) (us/ft)
Delta-T Shear (DTS) (us/ft)
KLX ENERGY SERVICES
LOGGING SUITE SUPPORTING EQUIPMENT
CASING COLLAR LOCATOR (CCL)
GAMMA RAY IN CASING (GRCH)
TUBING TEL/CCL FOR STANDARD PERFORATING SERVICES
KLX ENERGY SERVICES
LOGGING SUITE SUPPORTING EQUIPMENT
CASING COLLAR LOCATOR (CCL)
GAMMA RAY IN CASING (GRCH)
TUBING TEL/CCL FOR STANDARD PERFORATING SERVICES
KLX
KLX ENERGY SERVICES
LOGGING SUITE SUPPORTING EQUIPMENT
CASING COLLAR LOCATOR (CCL)
GAMMA RAY IN CASING (GRCH)
TUBING TEL/CCL FOR STANDARD PERFORATING SERVICES


KLX
KLX ALASKA PETROLEUM
KUPARUK RIVER UNIT
17 REPEAT PASS
DUAL INDUCTION SFL/LINEAR/SPHERICALLY FOCUSED RESISTIVITY
COMPANY
WELL
FIELD
COUNTY
STATE
LOCATION
SERVICE ORDER
PERMANENT DATUM
LOG MEASURED FROM
DRILLING MEASURED FROM
API SERIAL NO.
RUN NO.
DEPTH DRILLER
DEPTH LOGGER
BTM LOG INTERVAL
TOP LOG INTERVAL
CASING DRILLER
CASING LOGGER
BIT SIZE
TYPE FLUID IN HOLE
DENSITY
VISCOSITY
PH
FLUID LOSS
SOURCE OF SAMPLE
RM @ MEAS TEMP
RMF @ MEAS TEMP
RMC @ MEAS TEMP
SOURCE RMF
SOURCE RMC
RM @ BHT
TIME SINCE CIRC
MAX REC TEMP
EQUIP LOCATION
RECORDED BY
WITNESSED BY
RUN BOREHOLE RECORD
BIT
FROM
TO
CASING
BIT
FROM
TO
LOGGING DISK
SERVICE
VENDOR
MODEL
SERIAL NO.
OPEN
CASED
LOGGER ON BOTTOM
UNIT NUMBER
MAX RECORDED TEMP
BASE NORMAL TREND
DEPTH
GR
SFL
ILD
ILM
DT
RHOB
NPHI
CALI
SP
TENS
MTEM
MRES
MSFL
MINV
MNOR
DRHO
PEF
DPHI
NPOR
DCAL
DTL
DTS
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DTXQ
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DTXY
DTXZ
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DTYC
DTYD
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DTZL
DTZM
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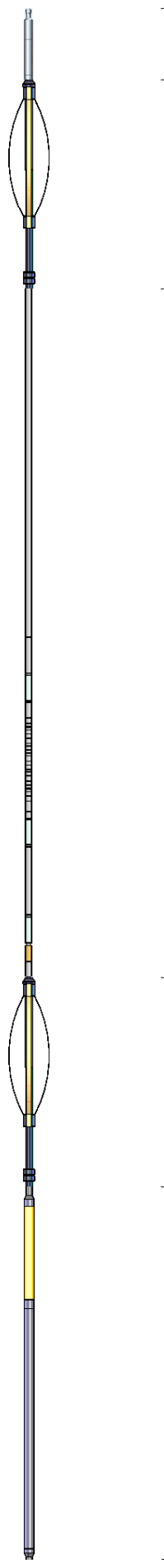
DTZO
DTZP
DTZQ
DTZR
DTZS
DTZT
DTZU
DTZV
DTZW
DTZX
DTZY
DTZZ

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	3.00
			PT16875 1 11/16 Cemtralizer	2.92	1.69	5.00
HEADVOLT	17.03					
			RBT-PTS170 (FW1705-069) PROBE 1-11/16" RADII BOND TOOL	9.62	1.70	55.00
WVF3FT	12.45					
WVFCAL	12.45					
WVFS1	12.45					
WVFS2	12.45					
WVFS3	12.45					
WVFS4	12.45					
WVFS5	12.45					
WVFS6	12.45					
WVFS7	12.45					
WVFS8	12.45					
WVF5FT	11.37					
			PT16875 1 11/16 Cemtralizer	2.92	1.69	5.00
CCL	4.00					
			GR_CCL-SDS (FW1703-011)	5.20	1.70	35.00
GR	1.00					

Dataset: raindance fd 20-362hnx cbl.db: field/well/run1/pass3
Total Length: 21.65 ft
Total Weight: 103.00 lb
O.D. 1.70 in

Calibration Report

Database File: raindance fd 20-362hnx cbl.db
Dataset Pathname: pass3
Dataset Creation: Sat Oct 28 17:05:12 2017 by Log Std Casedhole 10081

Gamma Ray Calibration Report

Serial Number:	FW1703-011	
Tool Model:	SDS	
Performed:	Tue Jul 11 16:35:19 2017	
Calibrator Value:	1.0	
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1705-069	
Tool Model:	PTS170	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	341.116	ft

Master Calibration, performed Sat Oct 28 17:09:32 2017:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.028	0.998	0.700	71.921	69.436	2.624
CAL	0.029	0.988				
5'	0.019	1.088	0.700	71.921	66.606	-0.558
SUM						
S1	0.056	0.996	0.000	100.000	106.452	-6.002
S2	0.008	0.967	0.000	100.000	104.253	-0.795
S3	0.026	0.959	0.000	100.000	107.180	-2.763
S4	0.022	0.975	0.000	100.000	104.844	-2.273
S5	0.033	0.997	0.000	100.000	103.742	-3.431
S6	0.008	1.004	0.000	100.000	100.450	-0.833
S7	0.044	1.008	0.000	100.000	103.745	-4.605
S8	0.048	1.006	0.000	100.000	104.411	-5.026

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	0.029	0.988	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

KLX Energy Services

Company	GREAT WESTERN OPERATING COMPANY LLC		
Well	RAINDANCE FD 20-362HNX		
Field	WATTENBERG		
County	WELD		
State	COLORADO	Country	USA