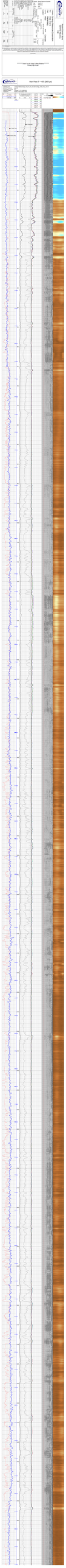
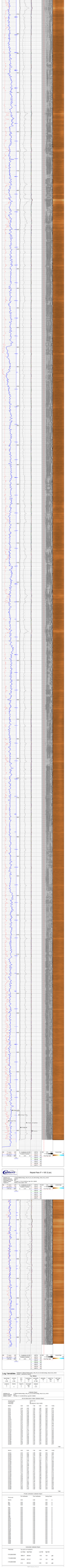

Main Pass 01 + 100' (MAD pass)
Gamma Ray (GR)
Resistivity (RES)
Density (RHOB)
Neutron Porosity (NPHI)
Caliper (CALI)
Delta Rho (DRHO)
Photoelectric Factor (PEF)
Spectral Gamma Ray (SGR)
Thorium (THOR)
Uranium (URAN)
Potassium (POTA)
Corrected Gamma Ray (CGR)
Deep Resistivity (RESD)
Medium Resistivity (RESM)
Shallow Resistivity (RESS)
Micro Resistivity (RESMIC)
Density Correction (HDRA)
Photoelectric Factor (PEFZ)
Delta Phi (DPHI)
Neutron Porosity (TNPH)
Neutron Porosity (NPOR)
Neutron Porosity (NPHI)
Neutron Porosity (NPLS)
Neutron Porosity (NPSS)
Neutron Porosity (NPLM)
Neutron Porosity (NPSM)
Neutron Porosity (NPLD)
Neutron Porosity (NPSD)
Neutron Porosity (NPLI)
Neutron Porosity (NPSI)
Neutron Porosity (NPLR)
Neutron Porosity (NPSR)
Neutron Porosity (NPLT)
Neutron Porosity (NPST)
Neutron Porosity (NPLU)
Neutron Porosity (NPSU)
Neutron Porosity (NPLV)
Neutron Porosity (NPSV)
Neutron Porosity (NPLW)
Neutron Porosity (NPSW)
Neutron Porosity (NPLX)
Neutron Porosity (NPSX)
Neutron Porosity (NPLY)
Neutron Porosity (NPSY)
Neutron Porosity (NPLZ)
Neutron Porosity (NPSZ)



EMIT Calibration Report

Serial Number: FW1411-25
Tool Model: Probe
Performed:

	Reference		Reading	
Thickness				
Reference 1:	0.000	in	5500.000	clock cycles
Reference 2:	0.408	in	12700.000	clock cycles
Reference 3:		in		clock cycles
Reference 4:		in		clock cycles
Reference 5:		in		clock cycles
MAGCAL				
Reference 1:		in		clock cycles
Reference 2:		in		clock cycles
Reference 3:		in		clock cycles
Reference 4:		in		clock cycles
Reference 5:		in		clock cycles

Low Reference:	clock cycle difference
High Reference:	clock cycle difference
Low Reference:	A/D conversion
High Reference:	A/D conversion

Gamma Ray Calibration Report

Type / Serial: GCT_C3 / FW1307-59

SHOP CALIBRATION Mon Mar 28 10:43:30 2016

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.8500			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: ProFW1211130
Tool Model: Probe

Calibration Casing Diameter: 5.500 in
Calibration Depth: -0.008 ft

Master Calibration, performed Wed Mar 30 21:21:12 2016:

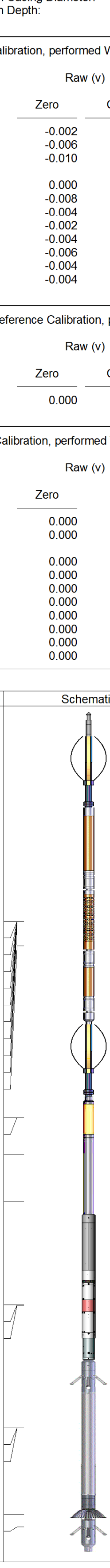
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.002	0.756	1.000	71.921	93.568	1.211
CAL	-0.006	0.897				
5'	-0.010	0.680	1.000	71.921	102.758	1.996
SUM						
S1	0.000	0.770	0.000	100.000	129.915	-0.001
S2	-0.008	0.786	0.000	100.000	126.004	0.950
S3	-0.004	0.772	0.000	100.000	128.933	0.507
S4	-0.002	0.750	0.000	100.000	133.009	0.261
S5	-0.004	0.753	0.000	100.000	132.238	0.484
S6	-0.006	0.771	0.000	100.000	128.789	0.726
S7	-0.004	0.786	0.000	100.000	126.577	0.504
S8	-0.004	0.754	0.000	100.000	131.900	0.495

Internal Reference Calibration, performed Wed Dec 31 18:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	0.897	1.000	0.000

Air Zero Calibration, performed Thu Sep 20 10:22:24 2012:

	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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00
			Probe Probe 2 3/4 Centralizer	2.88	2.75	20.00
WVF3FT	25.45		RBT-Probe (ProFW1211130) Probe 2.75" Radii Bond Tool	8.75	2.75	90.00
WVFCAL	25.45					
WVFS1	25.45					
WVFS2	25.45					
WVFS3	25.45					
WVFS4	25.45					
WVFS5	25.45					
WVFS6	25.45					
WVFS7	25.45		Probe Probe 2 3/4 Centralizer	2.88	2.75	20.00
WVFS8	25.45					
WVF5FT	24.45					
CCL	17.53					
DCCL	17.53					
GR	16.03		GR-GCT_C3 (FW1307-59) Probe Digital Gamma CCL Corrosion	4.77	2.75	50.00
GCT_HV	14.12					
			EMIT-Probe (FW1411-25)	5.87	3.50	90.00
DTHK	9.96					
Thickness	9.96					
MAGCAL	9.94					
ACCX	5.00					
ACCY	5.00					
ACCZ	5.00		Probe_MFCAL-60 (FW1211-34) Probe 60 Arm Caliper	7.75	3.63	135.00
Meas	1.50					
ETemp	1.00					

Dataset: synergy_vista_44_2c_rbl.db: field/well/run1/pass7
Total Length: 33.89 ft
Total Weight: 415.00 lb
O.D. 3.63 in

Company Synergy Resources Corporation
Well Vista 44 2 C
Field Wattenberg
County Weld State Colorado

Cutters Wireline Service, Inc.
A Cased Hole Wireline Company

Radial Cement Bond
Gamma Ray CCL
Log