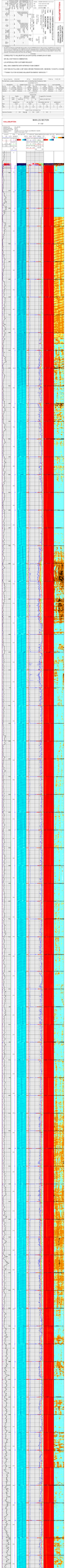
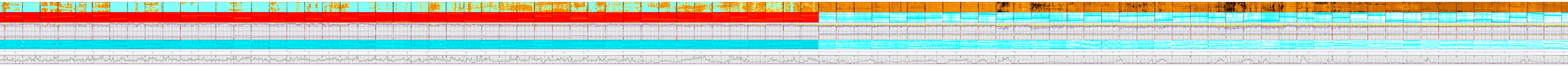
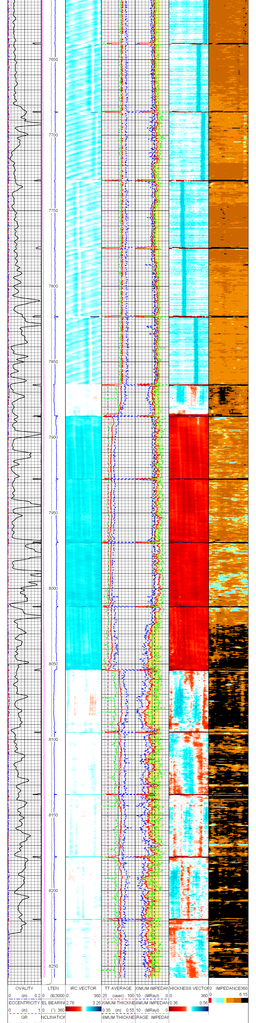
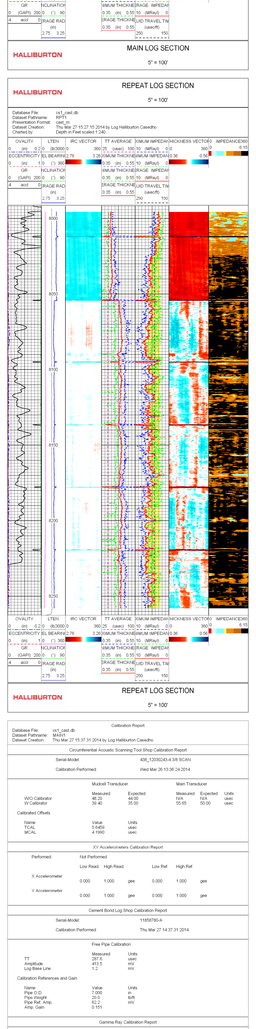
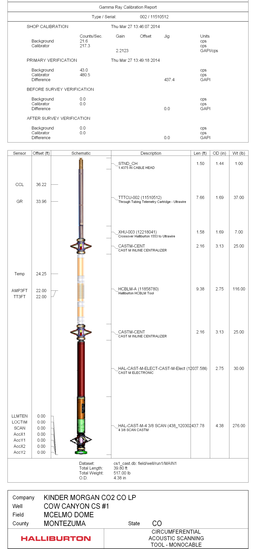

Gamma Ray (GR) (API)
Caliper (CALI) (in)
Bit Size (BS) (in)
Deep Resistivity (RDEP) (ohm.m)
Medium Resistivity (RMED) (ohm.m)
Shallow Resistivity (RSHA) (ohm.m)
Density Correction (DRHO) (g/cm3)
Bulk Density (RHOB) (g/cm3)
Neutron Porosity (NPHI) (dec)
Photoelectric Factor (PEF) (b/e)
Delta-T Compressional (DTC) (us/ft)
Delta-T Shear (DTS) (us/ft)
Mud Type: WBM
Mud Density: 9.5 ppg
Mud Resistivity: 0.1 ohm.m @ 70 degF
Mud Salinity: 20000 ppm
Rm @ BHT: 0.1 ohm.m @ 70 degF
Rmf @ BHT: 0.1 ohm.m @ 70 degF
Rmc @ BHT: 0.1 ohm.m @ 70 degF
Max Recorded Temperature: 70 degF
Max Recorded Temperature: 70 degF
Max Recorded Temperature:









Calibration Report

Database File:	ckt_cased.db
Dataset Pathname:	MAIN
Dataset Creation:	Thu Mar 27 15:37:31 2014 by Log Halliburton Cassiopeia

Circumferential Acoustic Scanning Tool Shop Calibration Report

Serial-Model	426_12000243-4 3/8 SCAN
Calibration Performed	Wed Mar 26 13:36:24 2014

	Mudcell Transducer			Main Transducer		
	Measured	Expected	Units	Measured	Expected	Units
W/D Calibrator	48.20	44.00	usec	N/A	N/A	usec
Air Gap	39.40	35.00	usec	55.65	50.00	usec

Calibrated Offsets

	Value	Units
Name	Value	Units
W/D	4.1400	usec
MCAL	4.1000	usec

XY Accelerometers Calibration Report

	Performed		Not Performed				
	Low Read	High Read	Low Ref	High Ref			
X Accelerometer	0.000	1.000	gee	0.000	1.000	gee	
Y Accelerometer	0.000	1.000	gee	0.000	1.000	gee	

Cement Bond Log Shop Calibration Report

Serial-Model	11058780-A
Calibration Performed	Thu Mar 27 14:37:31 2014

Free Pipe Calibration

	Measured	Units
TT	287.6	usec
Amplitude	413.5	mV
Long Spac Line	1.2	usec

Calibration References and Gain

Name	Value	Units
Pipe O.D.	7.000	in
Pipe Weight	29.00	lb/ft
Pipe Ref. Amp.	413.2	mV
Amp. Gain	0.155	

Gamma Ray Calibration Report

Type / Serial	002 / 11510512

Thu Mar 27 13:46:07 2014

SHOP CALIBRATION:

	Counts/Sec	Gain	Offset	Jig	Units
Background	21.0				cps
Calibrator	217.3				cps
		2.2123			GAPI/cps

PRIMARY VERIFICATION:

Thu Mar 27 13:46:18 2014

Background	43.0		cps
Calibrator	460.5		cps
Difference		407.4	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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNG_CH 1 4/16 SLOBLE-HEAD	1.50	1.44	1.00
CCL	36.22		TTTCU-002 (11510512) Through-Tubing Telemetry Cartridge - Ultrasonic	7.66	1.69	37.00
GR	33.96		XHU-003 (12216041) Compact Multisonic HSI Hydraulic Ultrasonic	1.58	1.69	7.00
			CASTRA CENT CAST W/ INLINE CENTRALIZER	2.16	3.13	25.00
Temp	24.25		HCBLW-A (11058780) Halliburton HCBLW Tool	9.38	2.75	116.00
AMPSFT TTSFT	22.00 22.00		CASTRA CENT CAST W/ INLINE CENTRALIZER	2.16	3.13	25.00
			HAL-CAST-A1 ELECT-CAST-M Elect (12227.596) CAST W ELEC PROBE	2.75	3.13	30.00
LLMTEN LCCTM SCAN Acs01 Acc11 Acs02 Acc12	0.00 0.00 0.00 0.00 0.00 0.00 0.00		HAL-CAST-M 3 5/8 SCAN (426_12000243) 4 3/8 SCAN CASTM	4.38	3.63	276.00

Dataset: ckt_cased_db: fieldwellmain\MAIN\1
Total Length: 30.92 ft
Total Weight: 477.50 lb
O.D.: 4.38 in

Company	KINDER MORGAN CO2 CO LP
Well	COW CANYON CS #1
Field	MCELMO DOME
County	MONTEZUMA
State	CO

CIRCUMFERENTIAL ACOUSTIC SCANNING TOOL - MONOCABLE

HALLIBURTON