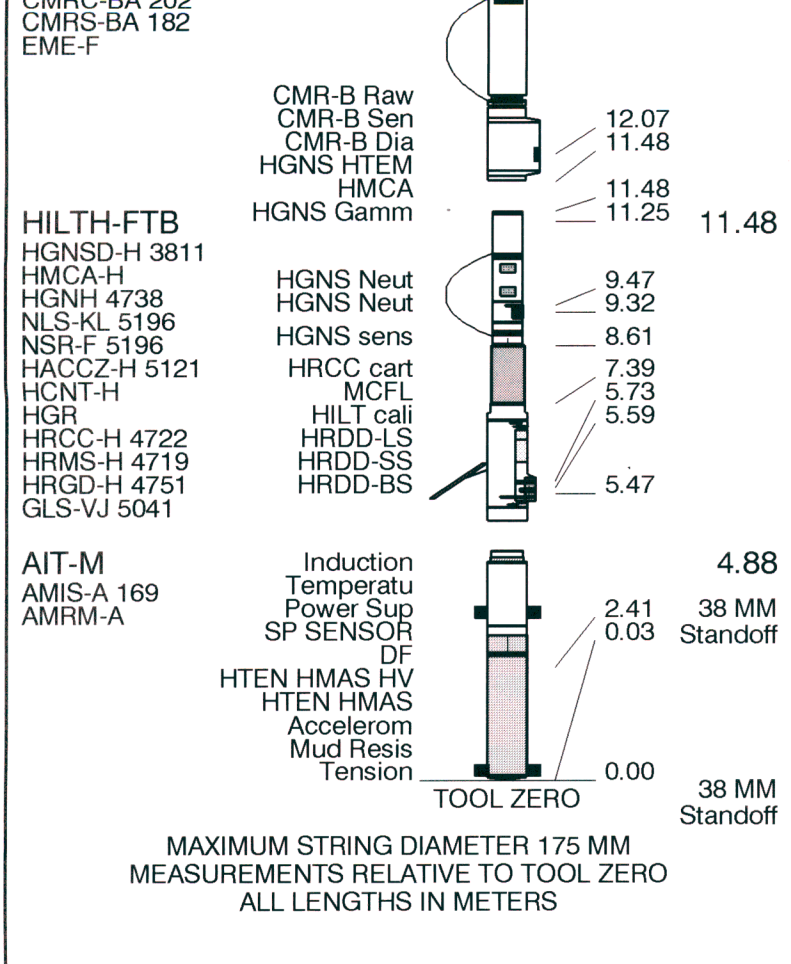
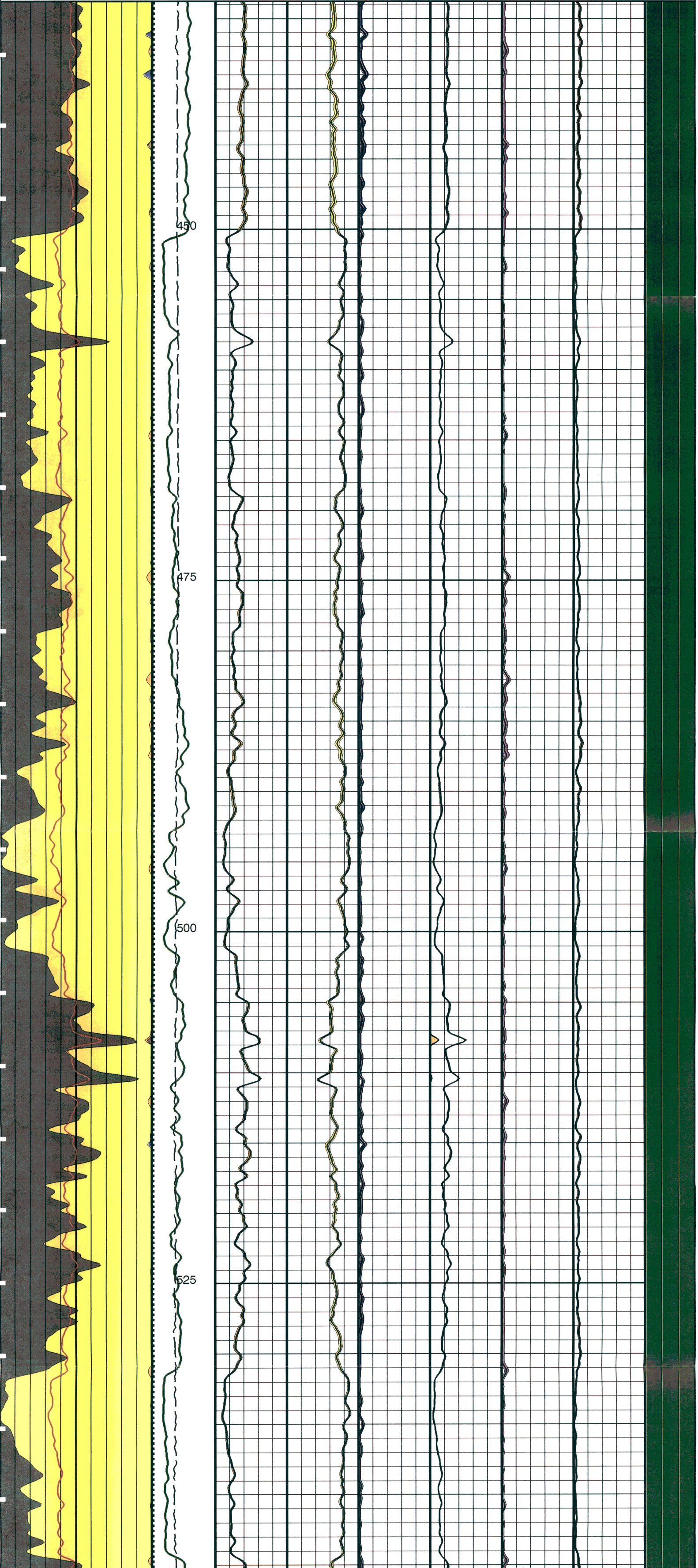
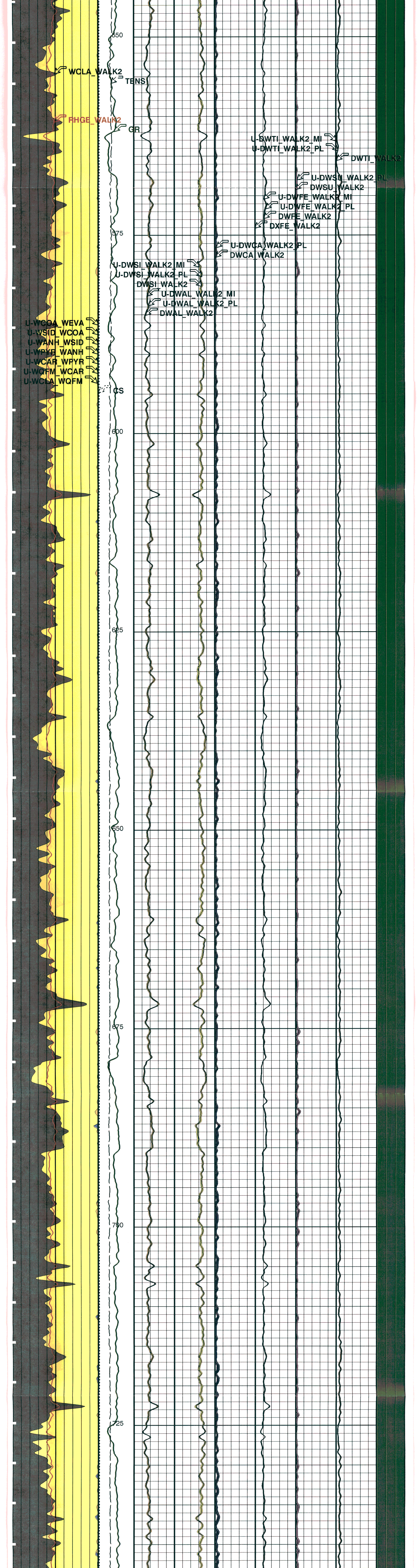


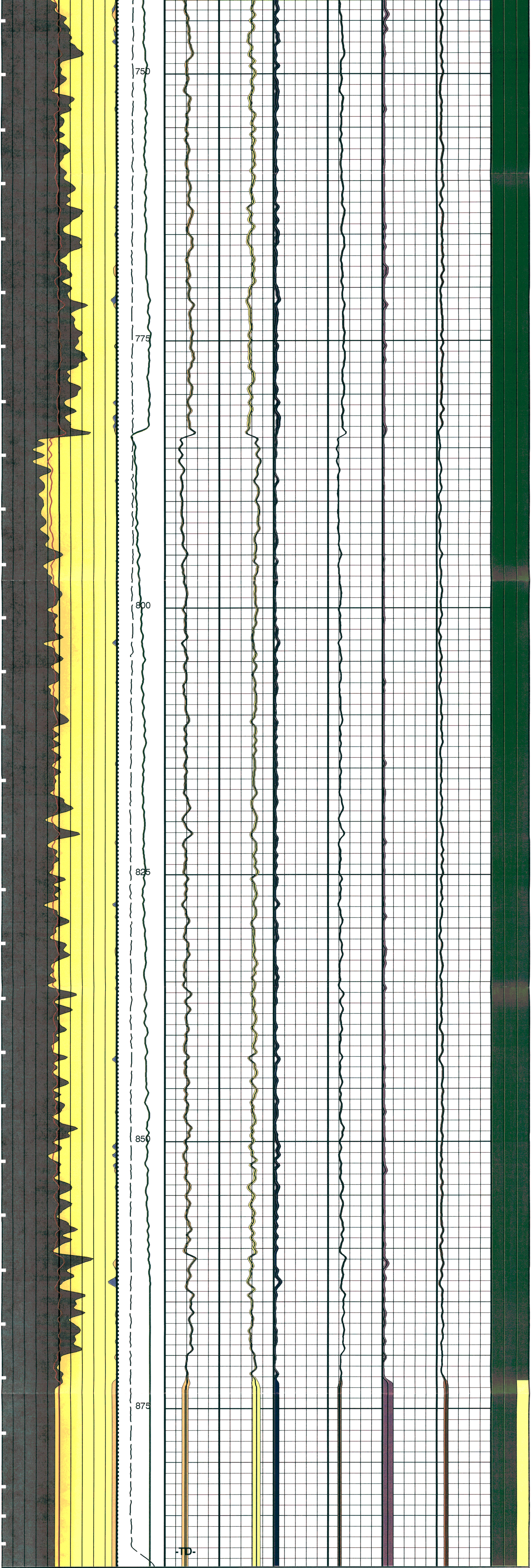


Input DLIS Files						
DEFAULT	SPLICE_AIT_TLD_MCFL_044P	FN:1	PRODUCER	18-Mar-2008 14:56	889.7 M	0.5 M
Output DLIS Files						
DEFAULT	AIT_TLD_MCFL_CNL_092PUP	FN:151	PRODUCER	19-Mar-2008 01:21		
OP System Version: 15C0-309						
MCM						
AIT-M	SRPC-3402-Q3_2007		HILTH-FTB	SRPC-3402-Q3_2007		
CMRT-B	15C0-309		ECS-A	SPC-3530-NUCL		
ECC-B	SPC-3530-NUCL		HILTH2-FTB	SRPC-3402-Q3_2007		
SGT-N	15C0-309		DTC-H	9397		

PIP SUMMARY									
Time Mark Every 60 S									
Matrix Density (RHGE_WALK2)									
2.5 (G/C3)	3								
Salt									
Siderite									
Q-F-M									
Pyrite									
Coal									
Carbonate	Gamma Ray (GR) (GAPI)								LQC I1--->I3
	0 200								error
Clay	Tension (TENS) (N)	Dry Wt. Aluminum	Dry Wt. Silicon	Dry Wt. Calcium	DWFE (DWFE_WALK2)	Dry Wt. Sulfur	Dry Wt. Titanium		warning
	20000 0				0 (W/W) 0.2				
Anhydrite	Cable Speed (CS) (M/HR)	DWAL (DWAL_WALK2)	DWSI (DWSI_WALK2)	DWCA (DWCA_WALK2)	DXFE (DXFE_WALK2)	DWSU (DWSU_WALK2)	DWTI (DWTI_WALK2)		normal
	0 15000	0 (W/W) 0.2	0 (W/W) 0.5	0 (W/W) 0.5	0 (W/W) 0.2	0 (W/W) 0.25	0 (W/W) 0.05		
LQC Track									
Left(I1) ----> Right(I3)									
I1: ECS Hardware: Photomultiplier (QC_PMT)									
I2: ECS Hardware: BGO Crystal Temperature (ECST)									
I3: ECS Data Quality: Elemental Statistical Uncertainty (ESUF_WALK2)									







LQC Track
Left(I1) ---> Right(I3)
I1: ECS Hardware: Photomultiplier (QC_PMT)
I2: ECS Hardware: BGO Crystal Temperature (ECST)
I3: ECS Data Quality: Elemental Statistical Uncertainty (ESUF_WALK2)

Anhydrite	Cable Speed (CS) (M/HR) 0 15000	DWAL (DWAL_WALK2) (W/W) 0.2 0	DWSI (DWSI_WALK2) (W/W) 0.5 0	DWCA (DWCA_WALK2) (W/W) 0.5 0	DXFE (DXFE_WALK2) (W/W) 0.2 0	DWSU (DWSU_WALK2) (W/W) 0.25 0	DWTI (DWTI_WALK2) (W/W) 0.05 0	normal
Clay	Tension (TENS) (N) 20000 0	Dry Wt. Aluminum	Dry Wt. Silicon	Dry Wt. Calcium	DWFE (DWFE_WALK2) (W/W) 0.2 0	Dry Wt. Sulfur	Dry Wt. Titanium	warning
Carbonate	Gamma Ray (GR) (GAPI) 0 200				Dry Wt. Excess Iron			error
Coal					Dry Wt. Iron			LQC I1--->I3
Pyrite								
Q-F-M								
Siderite								
Salt								
Matrix Density (RHGE_WALK2) (G/C3)	2.5 3							

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
ECS-A: Elemental Capture Spectroscopy Tool		
SPEC_BARITE_MUD_FLAG	Barite Mud Flag for Spectroscopy Processing	Off
SPEC_CSG_DEPTH	Casing Depth for Spectroscopy Processing	251.765 M
SPEC_ELE_STD_SHFT_FAC	Calibration Factor for Elemental Spectral Standards	0.849642
SPL_CLAY_MODEL	SpectroLith Clay Model	Sub-Arkose
SPL_SULFUR_MINERAL	SpectroLith Sulfur Mineral Option	Pyrite
DIR: Directional Survey Computation		
SPVD	TVD of Starting Point	0 M
TMDD	Along-hole depth of Tie-in Point	260 M
TIVD	TVD of Tie-in Point	260 M

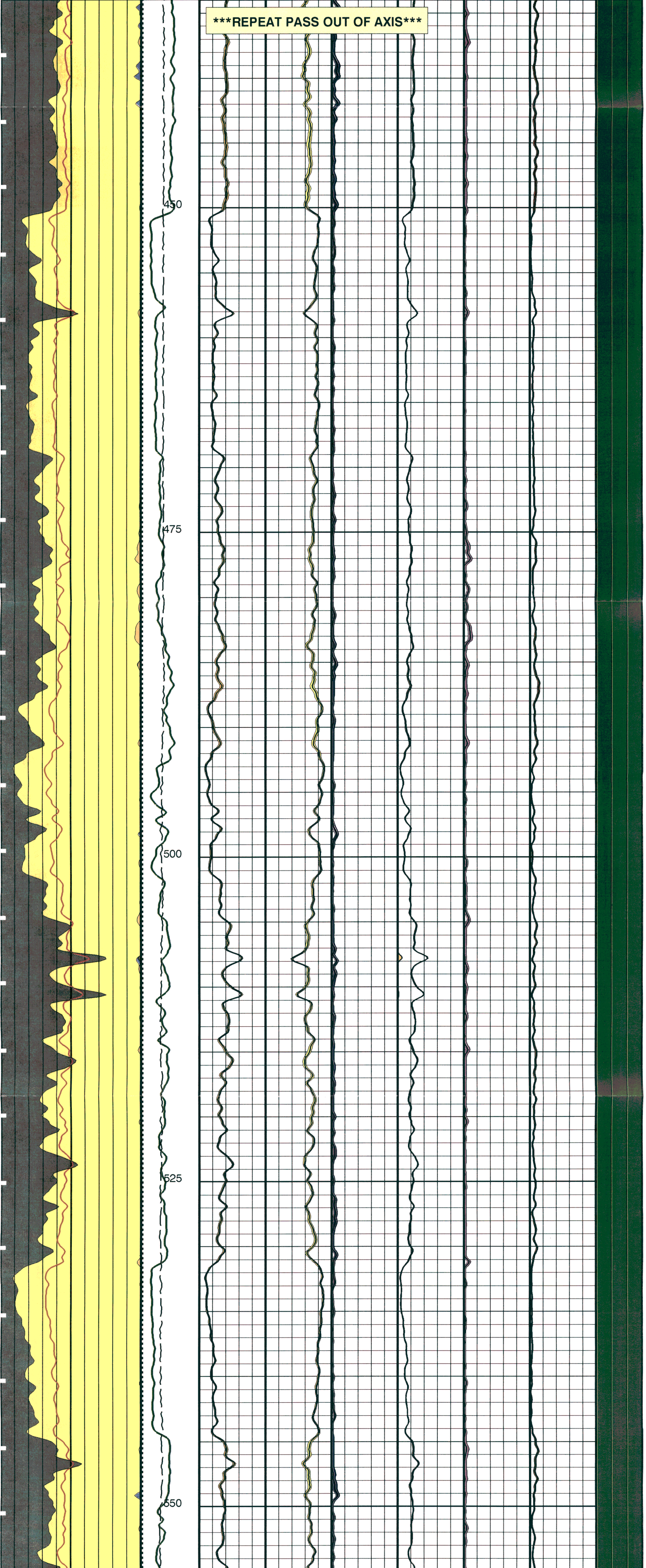
PP	System and Miscellaneous	Depth Offset for Playback	0.0	M
DO		Depth Offset for Repeat Analysis	0.0	M
DORL				
PP		Playback Processing	NORMAL	
Format: ECS_SpectroLith_PB Vertical Scale: 1:240 Graphics File Created: 19-Mar-2008 01:22				
OP System Version: 15C0-309				
MCM				
AIT-M	SRPC-3402-Q3_2007	HILTH-FTB	SRPC-3402-Q3_2007	
CMRT-B	15C0-309	ECS-A	SPC-3530-NUCL	
ECC-B	SPC-3530-NUCL	HILTH2-FTB	SRPC-3402-Q3_2007	
SGT-N	15C0-309	DTC-H	9397	
Input DLIS Files				
DEFAULT	SPLICE_AIT_TLD_MCFL_044P	FN:1	PRODUCER	18-Mar-2008 14:56 889.7 M 0.5 M
Output DLIS Files				
DEFAULT	AIT_TLD_MCFL_CNL_092PUP	FN:151	PRODUCER	19-Mar-2008 01:21

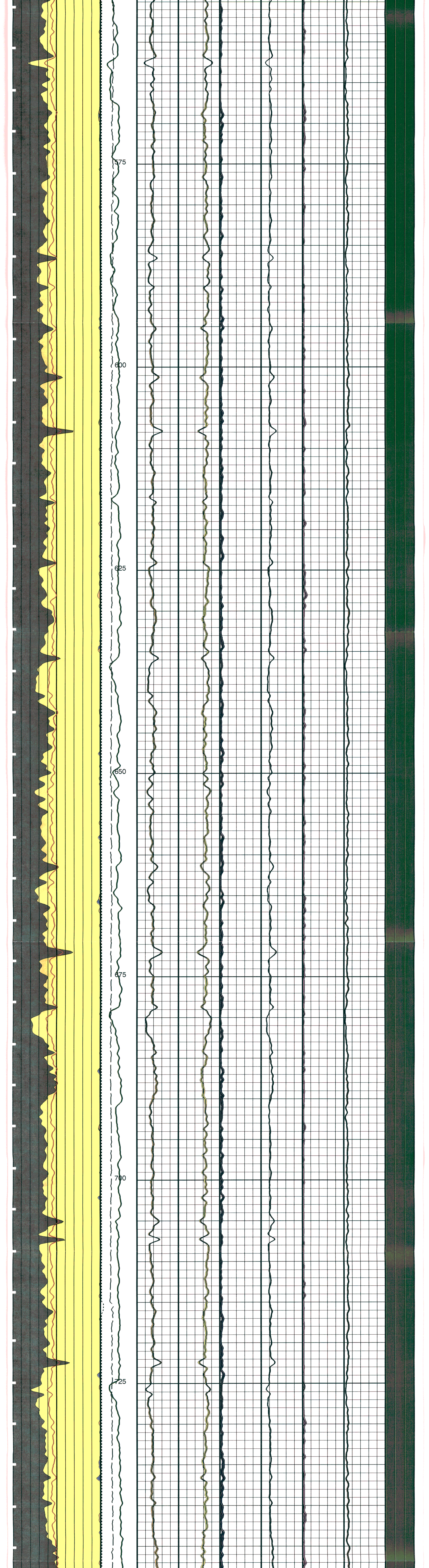
Input DLIS Files					
DEFAULT	Splice_AIT_TLD_MCFL_085CUP	FN:1	PRODUCER	18-Mar-2008 23:38	890.5 M 344.3 M
Output DLIS Files					
DEFAULT	AIT_TLD_MCFL_CNL_091PUP	FN:150	PRODUCER	19-Mar-2008 01:13 890.5 M 433.9 M	

OP System Version: 15C0-309					
MCM					
AIT-M	SRPC-3402-Q3_2007		HILTH-FTB	SRPC-3402-Q3_2007	
CMRT-B	15C0-309		ECS-A	SPC-3530-NUCL	
ECC-B	SPC-3530-NUCL		HILTH2-FTB	SRPC-3402-Q3_2007	
SGT-N	15C0-309		DTC-H	9397	

PIP SUMMARY									
Time Mark Every 60 S									
Matrix Density (RHGE_WALK2) (G/C3)									
2.5 3									
Salt									
Siderite									
Q-F-M									
Pyrite									
Coal						Dry Wt. Iron			LQC I1--->I3
Carbonate		Gamma Ray (GR) (GAPI)				Dry Wt. Excess Iron			error
		0 200							
Clay		Tension (TENS) (N)	Dry Wt. Aluminum	Dry Wt. Silicon	Dry Wt. Calcium	DWFE (DWFE_WALK2)	Dry Wt. Sulfur	Dry Wt. Titanium	warning
		20000 0				0 (W/W) 0.2			
Anhydrite		Cable Speed (CS) (M/HR)	DWAL (DWAL_WALK2)	DWSI (DWSI_WALK2)	DWCA (DWCA_WALK2)	DXFE (DXFE_WALK2)	DWSU (DWSU_WALK2) (W/W)	DWTI (DWTI_WALK2) (W/W)	normal
		0 15000	0 (W/W) 0.2	0 (W/W) 0.5	0 (W/W) 0.5	0 (W/W) 0.2	0 0.25	0 0.05	

LQC Track
Left(I1) ---> Right(I3)
I1: ECS Hardware: Photomultiplier (QC_PMT)
I2: ECS Hardware: BGO Crystal Temperature (ECST)
I3: ECS Data Quality: Elemental Statistical Uncertainty (ESUF_WALK2)





OP System Version: 15C0-309				
MCM				
AIT-M	SRPC-3402-Q3_2007	HILTH-FTB	SRPC-3402-Q3_2007	
CMRT-B	15C0-309	ECS-A	SPC-3530-NUCL	
ECC-B	SPC-3530-NUCL	HILTH2-FTB	SRPC-3402-Q3_2007	
SGT-N	15C0-309	DTC-H	9397	

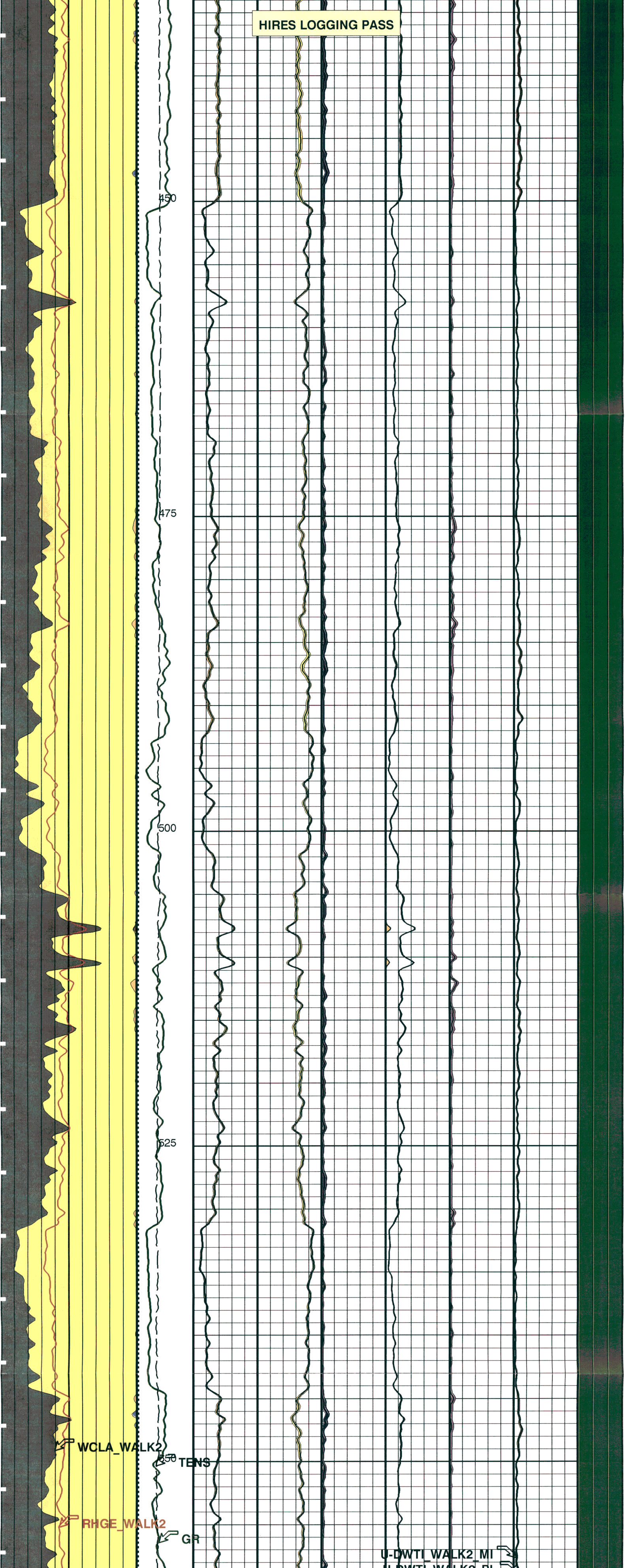
Input DLIS Files						
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Output DLIS Files						
DEFAULT	AIT_TLD_MCFL_CNL_091PUP	FN:150	PRODUCER	19-Mar-2008 01:13		

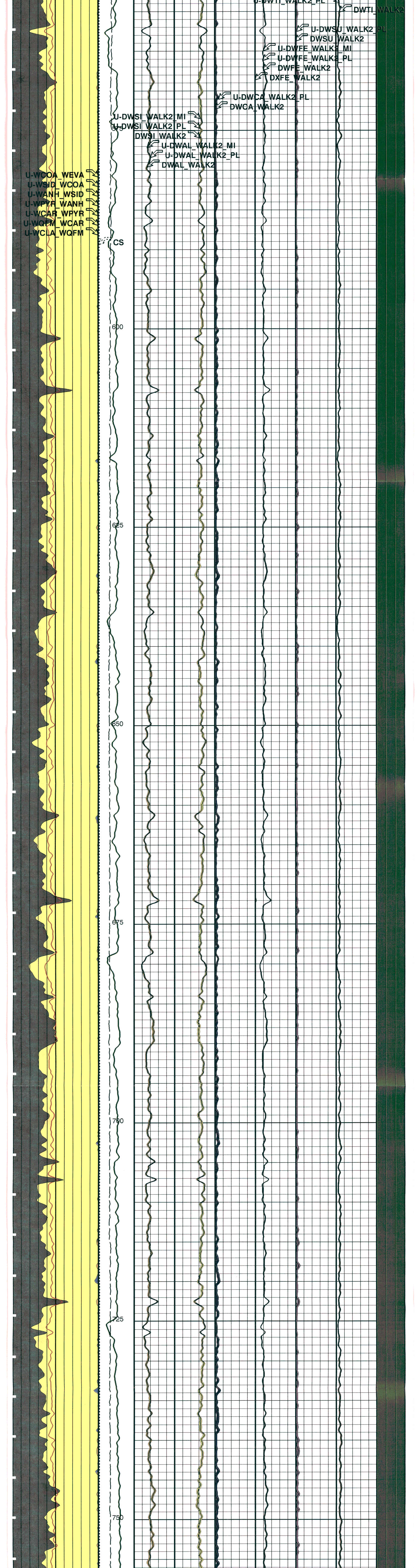
Input DLIS Files						
DEFAULT	Splice_AIT_TLD_MCFL_089CUP	FN:1	PRODUCER	19-Mar-2008 00:27	888.9 M	355.7 M
Output DLIS Files						
DEFAULT	AIT_TLD_MCFL_CNL_093PUP	FN:152	PRODUCER	19-Mar-2008 01:50	888.9 M	426.3 M

OP System Version: 15C0-309				
MCM				
AIT-M	SRPC-3402-Q3_2007	HILTH-FTB	SRPC-3402-Q3_2007	
CMRT-B	15C0-309	ECS-A	SPC-3530-NUCL	
ECC-B	SPC-3530-NUCL	HILTH2-FTB	SRPC-3402-Q3_2007	
SGT-N	15C0-309	DTC-H	9397	

PIP SUMMARY									
Time Mark Every 60 S									
Matrix Density (RHGE_WALK2)									
2.5	(G/C3)	3							
Salt									
Siderite									
Q-F-M									
Pyrite									
Coal						Dry Wt. Iron	LQC I1---->I3		
Carbonate		Gamma Ray (GR) (GAPI)					Dry Wt. Excess Iron	error	
		0 200							
Clay		Tension (TENS) (N)	Dry Wt. Aluminum	Dry Wt. Silicon	Dry Wt. Calcium	DWFE (DWFE_WALK2)	Dry Wt. Sulfur	Dry Wt. Titanium	warning
		20000 0				0 (W/W) 0.2			
Anhydrite		Cable Speed (CS) (M/HR)	DWAL (DWAL_WALK2)	DWSI (DWSI_WALK2)	DWCA (DWCA_WALK2)	DXFE (DXFE_WALK2)	DWSU (DWSU_WALK2) (W/W)	DWTI (DWTI_WALK2) (W/W)	normal
		0 15000	0 (W/W) 0.2	0 (W/W) 0.5	0 (W/W) 0.5	0 (W/W) 0.2	0 0.25	0 0.05	

LQC Track
Left(I1) ---> Right(I3)
I1: ECS Hardware: Photomultiplier (QC_PMT)
I2: ECS Hardware: BGO Crystal Temperature (ECST)
I3: ECS Data Quality: Elemental Statistical Uncertainty (ESUF_WALK2)





U-WCOA_WEVA
U-WSID_WCOA
U-WANH_WSID
U-WPYR_WANH
U-WCAR_WPYR
U-WQFM_WCAR
U-WCLA_WQFM

CS

600

625

650

675

700

725

750

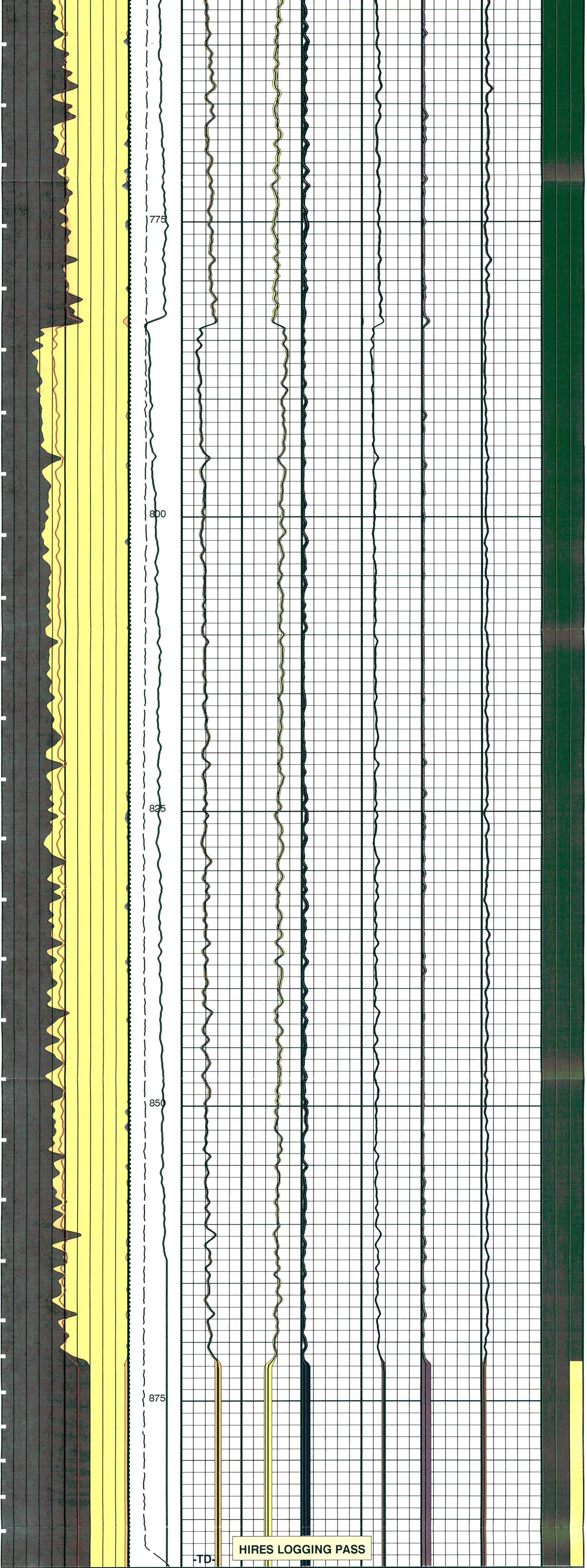
U-DWST_WALK2_MI
U-DWST_WALK2_PL
DWST_WALK2
U-DWAL_WALK2_MI
U-DWAL_WALK2_PL
DWAL_WALK2

U-DWCA_WALK2_PL
DWCA_WALK2

U-DWFE_WALK2_MI
U-DWFE_WALK2_PL
DWFE_WALK2
DXFE_WALK2

U-DWSU_WALK2_PL
DWSU_WALK2

U-DWTT_WALK2_PL
DWTI_WALK2



LQC Track Left(I1) ---> Right(I3) I1: ECS Hardware: Photomultiplier (QC_PMT) I2: ECS Hardware: BGO Crystal Temperature (ECST) I3: ECS Data Quality: Elemental Statistical Uncertainty (ESUF_WALK2)								
Anhydrite	Cable Speed (M/HR) 0 15000	DWAL (DWAL_WALK2) 0 (W/W) 0.2	DWSI (DWSI_WALK2) 0 (W/W) 0.5	DWCA (DWCA_WALK2) 0 (W/W) 0.5	DXFE (DXFE_WALK2) 0 (W/W) 0.2	DWSU (DWSU_WALK2) 0 (W/W) 0.25	DWTI (DWTI_WALK2) 0 (W/W) 0.05	normal
Clay	Tension (TENS) (N) 20000 0	Dry Wt. Aluminum	Dry Wt. Silicon	Dry Wt. Calcium	DWFE (DWFE_WALK2) 0 (W/W) 0.2	Dry Wt. Sulfur	Dry Wt. Titanium	warning
Carbonate	Gamma Ray (GR) (GAPI) 0 200				Dry Wt. Excess Iron			error
Coal					Dry Wt. Iron			LQC I1--->I3
Pyrite								
Q-F-M								
Siderite								
Salt								
Matrix Density (RHGE_WALK2) 2.5 (G/C3) 3								

PIP SUMMARY	
Time Mark Every 60 S	

Parameters			
DLIS Name	Description	Value	
ECS-A: Elemental Capture Spectroscopy Tool			
SPEC_BARITE_MUD_FLAG	Barite Mud Flag for Spectroscopy Processing	Off	
SPEC_CSG_DEPTH	Casing Depth for Spectroscopy Processing	-999.25	M
SPEC_ELE_STD_SHFT_FAC	Calibration Factor for Elemental Spectral Standards	0.849642	
SPL_CLAY_MODEL	SpectroLith Clay Model	Arenite	
SPL_SULFUR_MINERAL	SpectroLith Sulfur Mineral Option	Pyrite	
DIR: Directional Survey Computation			
SPVD	TVD of Starting Point	0	M
TIMD	Along-hole depth of Tie-in Point	260	M
TIVD	TVD of Tie-in Point	260	M
System and Miscellaneous			
DO	Depth Offset for Playback	0.0	M
DORL	Depth Offset for Repeat Analysis	0.0	M
PP	Playback Processing	NORMAL	
Format: ECS_SpectroLith_PB		Vertical Scale: 1:240	
		Graphics File Created: 19-Mar-2008 01:51	
OP System Version: 15C0-309			
MCM			
AIT-M	SRPC-3402-Q3_2007	HILTH-FTB	SRPC-3402-Q3_2007
CMRT-B	15C0-309	ECS-A	SPC-3530-NUCL
ECC-B	SPC-3530-NUCL	HILTH2-FTB	SRPC-3402-Q3_2007
SGT-N	15C0-309	DTC-H	9397

Input DLIS Files							
DEFAULT	Splice_AIT_TLD_MCFL_089CUP	FN:1	PRODUCER	19-Mar-2008 00:27	888.9 M	355.7 M	
Output DLIS Files							
DEFAULT	AIT_TLD_MCFL_CNL_093PUP	FN:152	PRODUCER	19-Mar-2008 01:50			

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
Array Induction Tool - M Wellsite Calibration - Electronics Calibration Check - Thru Cal Mag. & Phase							
Master: 2-Jan-2008 13:27 Before: 17-Mar-2008 2:20							
Thru Cal Magnitude - 0	0	0.6127	0.6139	N/A	N/A	N/A	V
Thru Cal Magnitude - 1	0	1.256	1.258	N/A	N/A	N/A	V
Thru Cal Magnitude - 2	0	0.6225	0.6233	N/A	N/A	N/A	V
Thru Cal Magnitude - 3	0	0.7028	0.7039	N/A	N/A	N/A	V
Thru Cal Magnitude - 4	0	1.316	1.318	N/A	N/A	N/A	V
Thru Cal Magnitude - 5	0	1.920	1.923	N/A	N/A	N/A	V
Thru Cal Magnitude - 6	0	1.918	1.921	N/A	N/A	N/A	V
Thru Cal Magnitude - 7	0	1.372	1.376	N/A	N/A	N/A	V
Thru Cal Phase - 0	0	187.4	186.4	N/A	N/A	N/A	DEG
Thru Cal Phase - 1	0	186.3	185.3	N/A	N/A	N/A	DEG
Thru Cal Phase - 2	0	182.7	181.8	N/A	N/A	N/A	DEG
Thru Cal Phase - 3	0	182.0	181.0	N/A	N/A	N/A	DEG
Thru Cal Phase - 4	0	175.8	174.8	N/A	N/A	N/A	DEG
Thru Cal Phase - 5	0	174.2	173.2	N/A	N/A	N/A	DEG
Thru Cal Phase - 6	0	174.2	173.2	N/A	N/A	N/A	DEG
Thru Cal Phase - 7	0	173.5	172.5	N/A	N/A	N/A	DEG
Array Induction Tool - M Wellsite Calibration - Electronics Calibration Check - Auxiliary							
Master: 2-Jan-2008 13:27 Before: 17-Mar-2008 2:20							
Array Induction SPA Plus	991.0	990.7	991.0	N/A	N/A	N/A	MV
Array Induction SPA Zero	0	-0.08744	-0.05665	N/A	N/A	N/A	MV
Array Induction Temperature PI	0.9170	0.9178	0.9181	N/A	N/A	N/A	V
Array Induction Temperature Ze	0	-0.00009114	-0.00006404	N/A	N/A	N/A	V
Array Induction Tool - M Wellsite Calibration - Test Loop Gain Correction							
Master: 2-Jan-2008 13:27							
Test Loop Gain Correctio - 0	0	1.009	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 1	0	1.009	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 2	0	1.011	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 3	0	1.006	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 4	0	0.9843	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 5	0	0.9821	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 6	0	0.9903	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 7	0	1.006	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio - 0	0	0.4985	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio - 1	0	0.6555	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio - 2	0	0.07487	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio - 3	0	0.2048	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio - 4	0	0.2139	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio - 5	0	-0.2228	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio - 6	0	0.2038	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio - 7	0	0.05547	N/A	N/A	N/A	N/A	DEG
Array Induction Tool - M Wellsite Calibration - Sonde Error Correction							
Master: 2-Jan-2008 13:27							
R Sonde Error Correction - 0	0	-57.91	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction - 1	0	169.8	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction - 2	0	104.4	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction - 3	0	59.64	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction - 4	0	25.99	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction - 5	0	11.84	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction - 6	0	9.606	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction - 7	0	-1.451	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 0	0	-35.17	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 1	0	-74.96	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 2	0	-116.9	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 3	0	54.31	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 4	0	3.746	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 5	0	11.94	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 6	0	1.909	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction - 7	0	2.924	N/A	N/A	N/A	N/A	MM/M
Array Induction Tool - M Wellsite Calibration - Mud Gain Correction							
Master: 2-Jan-2008 13:27							
Coarse - Mag, Real, Imag - 0	0	1.039	N/A	N/A	N/A	N/A	
Coarse - Mag, Real, Imag - 1	0	1.039	N/A	N/A	N/A	N/A	
Coarse - Mag, Real, Imag - 2	0	1.039	N/A	N/A	N/A	N/A	
Fine - Mag, Real, Imag - 0	0	1.040	N/A	N/A	N/A	N/A	
Fine - Mag, Real, Imag - 1	0	1.040	N/A	N/A	N/A	N/A	
Fine - Mag, Real, Imag - 2	0	1.040	N/A	N/A	N/A	N/A	
High resolution Integrated Logging Tool-DTS Wellsite Calibration - Stab Measurement Summary							
Before: 13-Mar-2008 9:04							
BS Window Ratio	0.7419	N/A	0.7423	N/A	N/A	N/A	
BS Window Sum	29960	N/A	29940	N/A	N/A	N/A	CPS
SS Window Ratio	0.4878	N/A	0.4892	N/A	N/A	N/A	
SS Window Sum	12820	N/A	12820	N/A	N/A	N/A	CPS
LS Window Ratio	0.2996	N/A	0.2973	N/A	N/A	N/A	
LS Window Sum	1521	N/A	1518	N/A	N/A	N/A	CPS
High resolution Integrated Logging Tool-DTS Wellsite Calibration - Photo-multiplier High Voltages Calibrations							
Before: 13-Mar-2008 9:04							
BS PM High Voltage (Command)	1378	N/A	1391	N/A	N/A	N/A	V
SS PM High Voltage (Command)	1304	N/A	1313	N/A	N/A	N/A	V
LS PM High Voltage (Command)	1245	N/A	1257	N/A	N/A	N/A	V
High resolution Integrated Logging Tool-DTS Wellsite Calibration - Crystal Quality Resolutions Calibration							
Before: 13-Mar-2008 9:04							
BS Crystal Resolution	10.62	N/A	10.63	N/A	N/A	N/A	%
SS Crystal Resolution	9.272	N/A	9.028	N/A	N/A	N/A	%
LS Crystal Resolution	8.109	N/A	8.091	N/A	N/A	N/A	%
High resolution Integrated Logging Tool-DTS Wellsite Calibration - MCFL Calibration							
Before: 13-Mar-2008 8:56							
Raw B0 Resistivity	3875	N/A	3887	N/A	N/A	N/A	OHMM
Raw B1 Resistivity	3830	N/A	3837	N/A	N/A	N/A	OHMM
Raw B2 Resistivity	3830	N/A	3839	N/A	N/A	N/A	OHMM
High resolution Integrated Logging Tool-DTS Wellsite Calibration - HILT Caliper Calibration							
Before: 13-Mar-2008 8:57							
HILT Caliper Zero Measurement	203.2	N/A	186.1	N/A	N/A	N/A	MM
HILT Caliper Plus Measurement	304.8	N/A	298.8	N/A	N/A	N/A	MM
High resolution Integrated Logging Tool-DTS Wellsite Calibration - Detector Calibration							
Before: 13-Mar-2008 9:01							
Gamma Ray Background	30.00	N/A	10.53	N/A	N/A	N/A	GAPI
Gamma Ray (Jig - Bkg)	172.4	N/A	172.4	N/A	N/A	15.67	GAPI
Gamma Ray (Calibrated)	167.0	N/A	167.0	N/A	N/A	15.00	GAPI
High resolution Integrated Logging Tool-DTS Wellsite Calibration - Zero Measurement							
Master: 15-Jan-2008 15:00 Before: 13-Mar-2008 9:01							
CNTC Background	26.64	26.64	26.13	N/A	N/A	3.996	CPS
CFTC Background	26.42	26.42	25.85	N/A	N/A	3.963	CPS
High resolution Integrated Logging Tool-DTS Wellsite Calibration - Ratio Measurement							
Master: 15-Jan-2008 15:00							
Thermal Near Corr. (Tank)	5800	6123	N/A	N/A	N/A	N/A	CPS
Thermal Far Corr. (Tank)	2400	2592	N/A	N/A	N/A	N/A	CPS
CNTC/CFTC (Tank)	2.159	2.362	N/A	N/A	N/A	N/A	
High resolution Integrated Logging Tool-DTS Wellsite Calibration - Accelerometer Calibration							
Before: 17-Mar-2008 2:22							
Z-Axis Acceleration	9.810	N/A	9.809	N/A	N/A	N/A	M/S2
High resolution Integrated Logging Tool-DTS Master Calibration - Inversion results							
Master: 10-Mar-2008 15:02							
Rho Aluminum	2596	2595	--	--	--	--	K/M3
Rho Magnesium	1686	1689	--	--	--	--	K/M3
Pe Aluminum	2.570	2.559	--	--	--	--	
Pe Magnesium	2.650	2.612	--	--	--	--	
High resolution Integrated Logging Tool-DTS Master Calibration - Deviation Summary							
Master: 10-Mar-2008 15:02							
BS Average Deviation	0	0.5046	--	--	--	--	%
BS Max Deviation	0	1.523	--	--	--	--	%
SS Average Deviation	0	0.3721	--	--	--	--	%
SS Max Deviation	0	0.9547	--	--	--	--	%
LS Average Deviation	0	0.8273	--	--	--	--	%
LS Max Deviation	0	1.671	--	--	--	--	%
Combinable Magnetic Resonance Tool - B Master Calibration - Date of Master Calibration: 16-Jan-2008							
Master: 17-Mar-2008 2:17							
Tool Temperature MCAL	27.00	17.02	--	--	--	--	DEGC
LOOP Measurement MCAL	2300	1863	--	--	--	--	
Hall Probe B0 MCAL	52.00	52.77	--	--	--	--	MTES
Cal. Fixture Amplitude MCAL	37.50	27.91	--	--	--	--	%
Powered Positioning Device/Caliper 1 Wellsite Calibration - PPC1 Caliper Calibration							
Before: 11-Mar-2008 5:39							
PPC1 Radius 1 Raw Small Radius	88.90	N/A	112.4	N/A	N/A	12.70	MM
PPC1 Radius 1 Raw Large Radius	203.2	N/A	219.8	N/A	N/A	12.70	MM
PPC1 Radius 2 Raw Small Radius	88.90	N/A	85.19	N/A	N/A	12.70	MM
PPC1 Radius 2 Raw Large Radius	203.2	N/A	197.3	N/A	N/A	12.70	MM
PPC1 Radius 3 Raw Small Radius	88.90	N/A	110.5	N/A	N/A	12.70	MM
PPC1 Radius 3 Raw Large Radius	203.2	N/A	217.4	N/A	N/A	12.70	MM
PPC1 Radius 4 Raw Small Radius	88.90	N/A	86.44	N/A	N/A	12.70	MM
PPC1 Radius 4 Raw Large Radius	203.2	N/A	197.8	N/A	N/A	12.70	MM
High resolution Integrated Logging Tool-DTS2 Wellsite Calibration - Stab Measurement Summary							
Before: 13-Mar-2008 9:44							
BS2 Window Ratio	0.7352	N/A	0.7347	N/A	N/A	N/A	
BS2 Window Sum	26680	N/A	26810	N/A	N/A	N/A	CPS
SS2 Window Ratio	0.4857	N/A	0.4877	N/A	N/A	N/A	
SS2 Window Sum	12310	N/A	12310	N/A	N/A	N/A	CPS
LS2 Window Ratio	0.2967	N/A	0.2960	N/A	N/A	N/A	
LS2 Window Sum	1482	N/A	1464	N/A	N/A	N/A	CPS
High resolution Integrated Logging Tool-DTS2 Wellsite Calibration - Photo-multiplier High Voltages Calibrations							
Before: 13-Mar-2008 9:44							
BS2 PM High Voltage (Command)	1409	N/A	1401	N/A	N/A	N/A	V
SS2 PM High Voltage (Command)	1287	N/A	1290	N/A	N/A	N/A	V
LS2 PM High Voltage (Command)	1318	N/A	1322	N/A	N/A	N/A	V
High resolution Integrated Logging Tool-DTS2 Wellsite Calibration - Crystal Quality Resolutions Calibration							
Before: 13-Mar-2008 9:44							
BS2 Crystal Resolution	11.11	N/A	11.06	N/A	N/A	N/A	%
SS2 Crystal Resolution	8.873	N/A	8.946	N/A	N/A	N/A	%
LS2 Crystal Resolution	8.383	N/A	8.487	N/A	N/A	N/A	%
High resolution Integrated Logging Tool-DTS2 Wellsite Calibration - MCFL2 Calibration							
Before: 13-Mar-2008 9:20							
Raw B0 Resistivity	td						

The GLS-VJ2 source activity is acceptable.

Array Induction Tool - M / Equipment Identification

Primary Equipment:
Rm/SP Bottom Nose
Array Induction Sonde

AMRM - A
AMIS - A

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Array Induction Tool - M Wellsite Calibration							
Electronics Calibration Check - Thru Cal Mag. & Phase							
Idx	Phase	Value	Thru Cal Magnitude V	Nominal	Value	Thru Cal Phase DEG	Nominal
0	Master	0.6127		0.6100	187.4		197.0
	Before	0.6139			186.4		
1	Master	1.256		1.270	186.3		196.0
	Before	1.258			185.3		
2	Master	0.6225		0.6200	182.7		192.0
	Before	0.6233			181.8		
3	Master	0.7028		0.7000	182.0		191.0
	Before	0.7039			181.0		
4	Master	1.316		1.340	175.8		185.0
	Before	1.318			174.8		
5	Master	1.920		1.960	174.2		182.0
	Before	1.923			173.2		
6	Master	1.918		1.960	174.2		181.0
	Before	1.921			173.2		
7	Master	1.372		1.410	173.5		175.0
	Before	1.376			172.5		
		60.00 % (Minimum)	(Nominal)	140.0 % (Maximum)	Nom -60.00 (Minimum)	(Nominal)	Nom + 60.00 (Maximum)
Master: 2-Jan-2008 13:27				Before: 17-Mar-2008 2:20			

Array Induction Tool - M Wellsite Calibration								
Electronics Calibration Check - Auxiliary								
Phase	Array Induction SPA Plus	MV	Value	Phase	Array Induction SPA Zero	MV	Value	
Master			990.7	Master			-0.08744	
Before			991.0	Before			-0.05665	
	941.0 (Minimum)		991.0 (Nominal)		1040 (Maximum)			
					-50.00 (Minimum)		0 (Nominal)	50.00 (Maximum)
Phase	Array Induction Temperature Plus	V	Value	Phase	Array Induction Temperature Zero	V	Value	
Master			0.9178	Master			-9.114E-00	
Before			0.9181	Before			-6.404E-00	
	0.8710 (Minimum)		0.9170 (Nominal)		0.9630 (Maximum)			
					-0.05000 (Minimum)		0 (Nominal)	0.05000 (Maximum)
Master: 2-Jan-2008 13:27				Before: 17-Mar-2008 2:20				

Array Induction Tool - M Wellsite Calibration								
Test Loop Gain Correction								
Idx	Value	Test Loop Gain Correction Magnitude			V	Value	Test Loop Gain Correction Phase DEG	
0	1.009					0.4985		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
1	1.009					0.6555		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
2	1.011					0.07487		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
3	1.006					0.2048		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
4	0.9843					0.2139		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
5	0.9821					-0.2228		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
6	0.9903					0.2038		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
7	1.006					0.05547		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)			-3.000 (Minimum)	0 (Nominal) 3.000 (Maximum)
Master: 2-Jan-2008 13:27								

Array Induction Tool - M Wellsite Calibration								
Sonde Error Correction								
Idx	Value	R Sonde Error Correction MM/M			Value	X Sonde Error Correction MM/M		
0	-57.91				-35.17			
		-231.0 (Minimum)	-56.00 (Nominal)	119.0 (Maximum)		-2250 (Minimum)	0 (Nominal)	2250 (Maximum)
1	169.8				-74.96			
		114.0 (Minimum)	159.0 (Nominal)	204.0 (Maximum)		-625.0 (Minimum)	0 (Nominal)	625.0 (Maximum)
2	104.4				-116.9			
		66.00 (Minimum)	111.0 (Nominal)	156.0 (Maximum)		-350.0 (Minimum)	0 (Nominal)	350.0 (Maximum)
3	59.64				54.31			
		39.00 (Minimum)	64.00 (Nominal)	89.30 (Maximum)		-250.0 (Minimum)	0 (Nominal)	250.0 (Maximum)
4	25.99				3.746			
		15.00 (Minimum)	25.00 (Nominal)	35.00 (Maximum)		-63.00 (Minimum)	0 (Nominal)	63.00 (Maximum)
5	11.84				11.94			
		4.000 (Minimum)	14.00 (Nominal)	24.00 (Maximum)		-50.00 (Minimum)	0 (Nominal)	50.00 (Maximum)
6	9.606				1.909			
		5.000 (Minimum)	10.00 (Nominal)	15.00 (Maximum)		-30.00 (Minimum)	0 (Nominal)	30.00 (Maximum)
7	-1.451				2.924			
		-5.000 (Minimum)	0 (Nominal)	5.000 (Maximum)		-30.00 (Minimum)	0 (Nominal)	30.00 (Maximum)
Master: 2-Jan-2008 13:27								

Array Induction Tool - M Wellsite Calibration								
Mud Gain Correction								
Idx	Value	Coarse - Mag, Real, Imag			Value	Fine - Mag, Real, Imag		
0	1.039				1.040			
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)
1	1.039				1.040			
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)
2	1.039				1.040			
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)
Master: 2-Jan-2008 13:27								

Array Induction Tool - M Master Calibration							
Sonde Error Correction							
Idx	Value	R Sonde Error Correction MM/M			Value	X Sonde Error Correction MM/M	
0	-57.91				-35.17		
		-231.0 (Minimum)	-56.00 (Nominal)	119.0 (Maximum)		-2250 (Minimum)	0 (Nominal) 2250 (Maximum)
1	169.8				-74.96		
		114.0 (Minimum)	159.0 (Nominal)	204.0 (Maximum)		-625.0 (Minimum)	0 (Nominal) 625.0 (Maximum)
2	104.4				-116.9		
		66.00 (Minimum)	111.0 (Nominal)	156.0 (Maximum)		-350.0 (Minimum)	0 (Nominal) 350.0 (Maximum)
3	59.64				54.31		
		39.00 (Minimum)	64.00 (Nominal)	89.30 (Maximum)		-250.0 (Minimum)	0 (Nominal) 250.0 (Maximum)
4	25.99				3.746		
		15.00 (Minimum)	25.00 (Nominal)	35.00 (Maximum)		-63.00 (Minimum)	0 (Nominal) 63.00 (Maximum)
5	11.84				11.94		
		4.000 (Minimum)	14.00 (Nominal)	24.00 (Maximum)		-50.00 (Minimum)	0 (Nominal) 50.00 (Maximum)
6	9.606				1.909		
		5.000 (Minimum)	10.00 (Nominal)	15.00 (Maximum)		-30.00 (Minimum)	0 (Nominal) 30.00 (Maximum)
7	-1.451				2.924		
		-5.000 (Minimum)	0 (Nominal)	5.000 (Maximum)		-30.00 (Minimum)	0 (Nominal) 30.00 (Maximum)
Master: 2-Jan-2008 13:27							

Array Induction Tool - M Master Calibration							
Mud Gain Correction							
Idx	Value	Coarse - Mag, Real, Imag			Value	Fine - Mag, Real, Imag	
0	1.039				1.040		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
1	1.039				1.040		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
2	1.039				1.040		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
Master: 2-Jan-2008 13:27							

High resolution Integrated Logging Tool-DTS / Equipment Identification			
Primary Equipment:			
HILT high-Resolution Mechanical Sonde	HRMS - H		
HILT Rxo Gamma-ray Device	HRGD - H		
HILT Micro Cylindrically Focused Log Dev	MCFL - H		
GR Logging Source	GLS - VJ	5041	
HILT High Res. Control Cartridge	HRCC - H		
HILT Gamma-Ray Neutron Sonde-DTS	HRCC - H		
HGNS Gamma-Ray Device	HGNS - H	3811	
HGNS Neutron Detector with Alpha Source	HGR - H		
	HCNT - H		
Auxiliary Equipment:			
HGNS Housing	HGNH -	4738	
Neutron Calibration Tank	NCT - B		
Gamma Source Radioactive	GSR - U/Y		

High resolution Integrated Logging Tool-DTS Wellsite Calibration														
Stab Measurement Summary														
Phase	BS Window Ratio			Value	Phase	SS Window Ratio			Value	Phase	LS Window Ratio			Value
Before				0.7423	Before				0.4892	Before				0.2973
	0.7048 (Minimum)	0.7419 (Nominal)	0.7790 (Maximum)		0.4634 (Minimum)	0.4878 (Nominal)	0.5122 (Maximum)			0.2847 (Minimum)	0.2996 (Nominal)	0.3146 (Maximum)		
Phase	BS Window Sum CPS			Value	Phase	SS Window Sum CPS			Value	Phase	LS Window Sum CPS			Value
Before				29940	Before				12820	Before				1518
	28460 (Minimum)	29960 (Nominal)	31460 (Maximum)		12170 (Minimum)	12820 (Nominal)	13460 (Maximum)			1445 (Minimum)	1521 (Nominal)	1597 (Maximum)		
Before: 13-Mar-2008 9:04														

High resolution Integrated Logging Tool-DTS Wellsite Calibration														
Photo-multiplier High Voltages Calibrations														
Phase	BS PM High Voltage (Command) V			Value	Phase	SS PM High Voltage (Command) V			Value	Phase	LS PM High Voltage (Command) V			Value
Before				1391	Before				1313	Before				1257
	1278 (Minimum)	1378 (Nominal)	1478 (Maximum)		1204 (Minimum)	1304 (Nominal)	1404 (Maximum)			1145 (Minimum)	1245 (Nominal)	1345 (Maximum)		
Before: 13-Mar-2008 9:04														

High resolution integrated Logging Tool-DTS Wellsite Calibration											
Crystal Quality Resolutions Calibration											
Phase	BS Crystal Resolution %			Phase	SS Crystal Resolution %			Phase	LS Crystal Resolution %		
Before				Before				Before			
	9.620 (Minimum)	10.62 (Nominal)	11.62 (Maximum)		8.272 (Minimum)	9.272 (Nominal)	10.27 (Maximum)		7.109 (Minimum)	8.109 (Nominal)	9.109 (Maximum)
Before: 13-Mar-2008 9:04											

High resolution Integrated Logging Tool-DTS Wellsite Calibration														
MCFL Calibration														
Phase	Raw B0 Resistivity OHMM			Value	Phase	Raw B1 Resistivity OHMM			Value	Phase	Raw B2 Resistivity OHMM			Value
Before				3887	Before				3837	Before				3839
	3565 (Minimum)	3875 (Nominal)	4185 (Maximum)		3524 (Minimum)	3830 (Nominal)	4136 (Maximum)			3524 (Minimum)	3830 (Nominal)	4136 (Maximum)		
Before: 13-Mar-2008 8:56														

High resolution Integrated Logging Tool-DTS Wellsite Calibration								
HILT Caliper Calibration								
Phase	HILT Caliper Zero Measurement MM			Value	Phase	HILT Caliper Plus Measurement MM		Value
Before				186.1	Before			298.8
	152.4 (Minimum)	203.2 (Nominal)	254.0 (Maximum)			228.6 (Minimum)	304.8 (Nominal)	381.0 (Maximum)
Before: 13-Mar-2008 8:57								

High resolution Integrated Logging Tool-DTS Wellsite Calibration											
Detector Calibration											
Phase	Gamma Ray Background GAPI		Value	Phase	Gamma Ray (Jig - Bkg) GAPI		Value	Phase	Gamma Ray (Calibrated) GAPI		Value
Before			10.53	Before			172.4	Before			167.0
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)		156.7 (Minimum)	172.4 (Nominal)	188.1 (Maximum)		152.0 (Minimum)	167.0 (Nominal)	182.0 (Maximum)
Before: 13-Mar-2008 9:01											

High resolution Integrated Logging Tool-DTS Wellsite Calibration							
Zero Measurement							
Phase	CNTC Background CPS		Value	Phase	CFTC Background CPS		Value
Master			26.64	Master			26.42
Before			26.13	Before			25.85
5.000 (Minimum)		26.64 (Nominal)	40.00 (Maximum)	5.000 (Minimum)		26.42 (Nominal)	40.00 (Maximum)
Master: 15-Jan-2008 15:00			Before: 13-Mar-2008 9:01				

High resolution Integrated Logging Tool-DTS Wellsite Calibration														
Ratio Measurement														
Phase	Thermal Near Corr. (Tank) CPS			Value	Phase	Thermal Far Corr. (Tank) CPS			Value	Phase	CNTC/CFTC (Tank)			Value
Master				6123	Master				2592	Master				2.362
	4700 (Minimum)	5800 (Nominal)	6900 (Maximum)		1900 (Minimum)	2400 (Nominal)	2900 (Maximum)			2.120 (Minimum)	2.159 (Nominal)	2.540 (Maximum)		
Master: 15-Jan-2008 15:00														

High resolution Integrated Logging Tool-DTS		
Wellsite Calibration		
Accelerometer Calibration		
Phase	Z-Axis Acceleration M/S2	Value
Before		9.809
9.610 (Minimum)	9.810 (Nominal)	10.01 (Maximum)
Before: 17-Mar-2008 2:22		

High resolution Integrated Logging Tool-DTS Master Calibration							
Inversion results							
Phase	Rho Aluminum K/M3		Value	Phase	Rho Magnesium K/M3		Value
Master			2595	Master			1689
	2586 (Minimum)	2596 (Nominal)	2606 (Maximum)		1676 (Minimum)	1686 (Nominal)	1696 (Maximum)
Phase	Pe Aluminum		Value	Phase	Pe Magnesium		Value
Master			2.559	Master			2.612
	2.470 (Minimum)	2.570 (Nominal)	2.670 (Maximum)		2.550 (Minimum)	2.650 (Nominal)	2.750 (Maximum)
Master: 10-Mar-2008 15:02							

High resolution Integrated Logging Tool-DTS Master Calibration														
Deviation Summary														
Phase	BS Average Deviation %			Value	Phase	SS Average Deviation %			Value	Phase	LS Average Deviation %			Value
Master				0.5046	Master				0.3721	Master				0.8273
	-0.6000 (Minimum)	0 (Nominal)	0.6000 (Maximum)		-1.000 (Minimum)	0 (Nominal)	1.000 (Maximum)			-1.500 (Minimum)	0 (Nominal)	1.500 (Maximum)		
Phase	BS Max Deviation %			Value	Phase	SS Max Deviation %			Value	Phase	LS Max Deviation %			Value
Master				1.523	Master				0.9547	Master				1.671
	-1.600 (Minimum)	0 (Nominal)	1.600 (Maximum)		-2.500 (Minimum)	0 (Nominal)	2.500 (Maximum)			-3.500 (Minimum)	0 (Nominal)	3.500 (Maximum)		
Master - 10 May 2022 15:22														

Field: **NORTH CLOVERLEAF**
Province: **NORTHWEST TERRITORIES**
*****MD*****

ELEMENTAL CAPTURE
SPECTROSCOPY LOG