

IDEAL Version: ID10_2C_01.1SV

IDEAL

RAB6-CAid10_2c_01SONIC-675id10_2c_01MRT-6-AA-Tid10_2c_01

DVM-675MWD_10-Aid10_2c_01

Format:ISONIC_BHC_Log_1Vertical Scale: 1:200Graphics File Created: 05-Jun-2006 17:18

Description of ISONIC 97 Parameters (ISONIC 97 Version 3.00)

Readout Port to Bit Distance	54.78	FT
Tool Time Offset	0.00	100S
Start Time	1021.73	100S
End Time	1444.90	100S
Start Depth	3411.93	FT
End Depth	4115.47	FT
Minimum ROP	0.10	FT/HR
Delta T Resolution	3.00	FT
Maximum Deviation	4.00	IN
Number of Least Square Iterations	20	
Number of Receivers	4	
Waveform Ignored in Processing	None	
Coherence Cutoff Value for DTCC	0.70	
Number of Samples	151	
Inter-Receiver Distance	8.00	IN
Transmitter to 1st Receiver Distance	9.85	FT
Sample Period	20.00	US
Digitized Delay (ddel)	300.00	US
Time Window Width	240.00	US
Time Window Step	80.00	US
Search Band Inset	400.00	US
Search Band Width	1120.00	US
1/2 Peak Mask Width	500.00	US
Cutoff Semblance on Coarse Slowness Grid	0.35	
Cutoff Semblance on Fine Slowness Grid	0.45	
Center Frequency of Modulation	13.00	kHz
Maximum Number of Allowed Peaks	4	
Number of Buffered Peak Frames	7	
Low Semblance Cost	3.00	
Delta Slowness Cost	3.00	
Delta Arrival Time Cost	1.00	
Delta ST Line Cost	1.00	
Late Arrival Cost	1.00	
Spike Threshold	15.00	US/FT
Filter Bandwidth	15.00	US/FT
Noise Window Start Time	500.00	US
Noise Window End Time	2000.00	US
Noise Window Moveout	0.00	US/FT
Signal Window Start Time	1200.00	US
Signal Window End Time	1700.00	US
Signal Window Moveout	100.00	US/FT
Integrated Transit Time Source	DTRA	
Porosity Formula	Raymer-Hunt	
Sonic Delta T Source	DTRA	
Rock Matrix Delta T	55.50	US/FT
Mud Delta T (Wyllie only)	189.00	US/FT
Correction Factor (Wyllie only)	1.00	

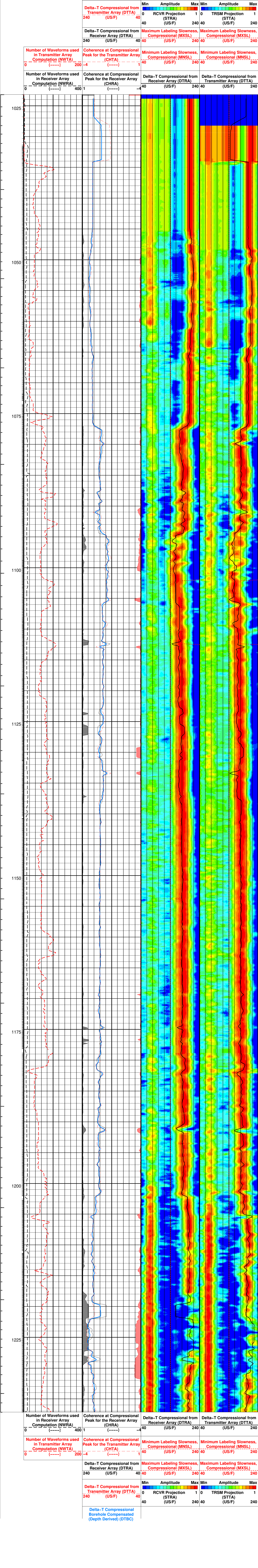
Time Frame File: D:\users\ideal\fm\Clients\LDEO\GD3-1\LWD002\SON623\TIME.BIN.DB
Time/Depth File: D:\users\ideal\fm\Clients\LDEO\GD3-1\LWD002\Sonic_DEPTH.TXT
Heave Filter: None

PIP SUMMARY

ISONIC Integrated Transit Time Every 1 MS

ISONIC Integrated Transit Time Every 10 MS

ISONIC Samples



1025

1050

1075

1100

1125

1150

1175

1200

1225

Number of Waveforms used in Receiver Array Computation (NWRA) (----) 400

0 400

Coherence at Compressional Peak for the Receiver Array (CHRA) (----) 4

1 4

Delta-T Compressional from Receiver Array (DTRA) (US/F) 40 240

40 240

Delta-T Compressional from Transmitter Array (DTTA) (US/F) 40 240

40 240

Minimum Labeling Slowness, Compressional (MNSL) (US/F) 40 240

Minimum Labeling Slowness, Compressional (MNSL) (US/F) 40 240

Maximum Labeling Slowness, Compressional (MXSL) (US/F) 240 40

Maximum Labeling Slowness, Compressional (MXSL) (US/F) 240 40

Delta-T Compressional from Transmitter Array (DTTA) (US/F) 40 240

40 240

Delta-T Compressional Borehole Compensated (Depth Derived) (DTBC)

240 (US/F) 40

		(Depth Derived) (D1 B1)	
		240 (US/F)	40
PIP SUMMARY			
└─ ISONIC Integrated Transit Time Every 1 MS			
└─ ISONIC Integrated Transit Time Every 10 MS			
└─ ISONIC Samples			
IDEAL Version: ID10_2C_01.1SV			
IDEAL			
RAB6-CA	id10_2c_01	DVM-675	id10_2c_01
SONIC-675	id10_2c_01	MWD_10-A	id10_2c_01
MRT-6-AA-T	id10_2c_01		
Output DLIS Files			
Type:DEFAULT	File ID:LWD_DVM_MWD_MRT_04131235	05-Jun-2006 17:18	PRODUCER 1023.2 M 1237.2 M