Century WIRELINE SERVICES

FULL WAVE SONIC

DHGH-14-21

N/A

COMPANY	ATRUM COAL
WELL	DHGH-14-21
WELL EXT	N/A
FIELD	GROUNDHOG
COUNTY	CANADA
STATE	BRITISH COLUMBIA
COUNTRY	---
API NO.	N/A

COMPANY	: ATRUM COAL		
WELL	: DHGH-14-21		
WELL EXT	: N/A		
FIELD	: GROUNDHOG		
COUNTY	: CANADA		
STATE	: BRITISH COLUMBIA		
COUNTRY	: ---		
API NO.	: N/A		
UNIQ ID	: N/A		
LOCATION	GROUNDHOG		
	SECTION: N/A	TOWNSHIP: N/A	RANGE: N/A
	LATITUDE: N/A		
	LONGITUDE: N/A		

PERMANENT DATUM	GL		Elevations:		Other Services:
DRL MEASURED FROM	GL		KB	N/A	NEUTP
LOG MEASURED FROM	GL		DF	N/A M	DIP
ELEV. PERM. DATUM	N/A	M	GL	N/A M	DEN

DATE	06/25/14 13:02:	
DEPTH DRILLER	109.42	M
DEPTH LOGGER	108.82	M
FIRST READING		M
LAST READING		M
BIT SIZE	98.4	MM
CASING -- DRILLER	4.57	M
CASING -- LOGGER		M
CASING O.D.	4.37	CM
CASING THICKNESS	N/A	CM
CASING TYPE	STEEL	
FLUID TYPE	WATER	
FLUID DENSITY	1.00	
FLUID VISCOSITY		
FLUID PH		
MUD SOURCE	N/A	
RM @ MEAS TEMP	N/A @ N/A C	
RMF @ MEAS TEMP	@ C	
RMC @ MEAS TEMP	N/A @ C	
CIRC STOPPED	N/A	
RECORDED BY	D. SINKWICH	
REMARKS 1	VERTICAL	
REMARKS 2		
REMARKS 3		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

SONIC 1:200 DHGH-14-21 06/25/14

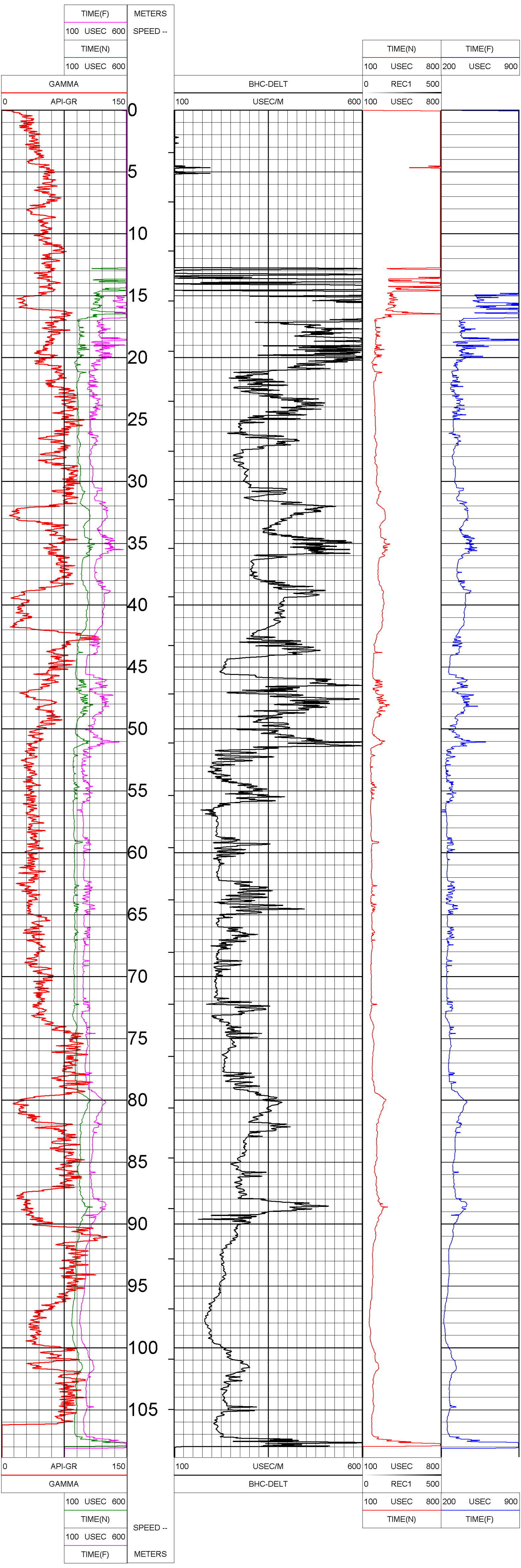
N/A

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177

MAGNETIC DECL : 19.5 ELECT. CUTOFF : 75000 BIT SIZE : 98.4

PRESENTATION NAME/DATE = Atrum_9321.0 06/05/2014 Version 3.65 cp JJ92



SONIC 1:200 DHGH-14-21 06/25/14

N/A

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MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177

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PRESENTATION NAME/DATE = Atrum_9321.0 06/05/2014 Version 3.65 cp JJ92

TOOL CALIBRATION DHGH-14-21 06/25/14 13:02:
TOOL 9321A2 TM VERSION 2
SERIAL NUMBER 2376

					STANDARD		RESPONSE [CPS]	
	DATE	TIME	SENSOR		Point1	Point2	Point1	Point2
1	Apr06,13	13:53:14	GAMMA	[CPS]	Default	Default	Default	Default