Century WIRELINE SERVICES

FULL WAVE SONIC

DHGH-14-15

COMPANY	ATRUM COAL
WELL	DHGH-14-15
WELL EXT	
FIELD	GROUNDHOG
COUNTY	CANADA
STATE	BRITISH COLUMBIA
COUNTRY	---
API NO.	N/A

COMPANY	: ATRUM COAL		
WELL	: DHGH-14-15		
WELL EXT	:		
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	M	DENSITY
LOG MEASURED FROM	GL		DF	N/A	M	DIP.
ELEV. PERM. DATUM	N/A	M	GL	N/A	M	EUTRON

DATE	06/16/14 22:16:		
DEPTH DRILLER	51.20	M	
DEPTH LOGGER		M	
FIRST READING		M	
LAST READING		M	
BIT SIZE	9.8	CM	
CASING -- DRILLER	3.048	M	
CASING -- LOGGER		M	
CASING O.D.	3.048	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	T. NEAL		
REMARKS 1	65 DEGREE		
REMARKS 2	E		
REMARKS 3			

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

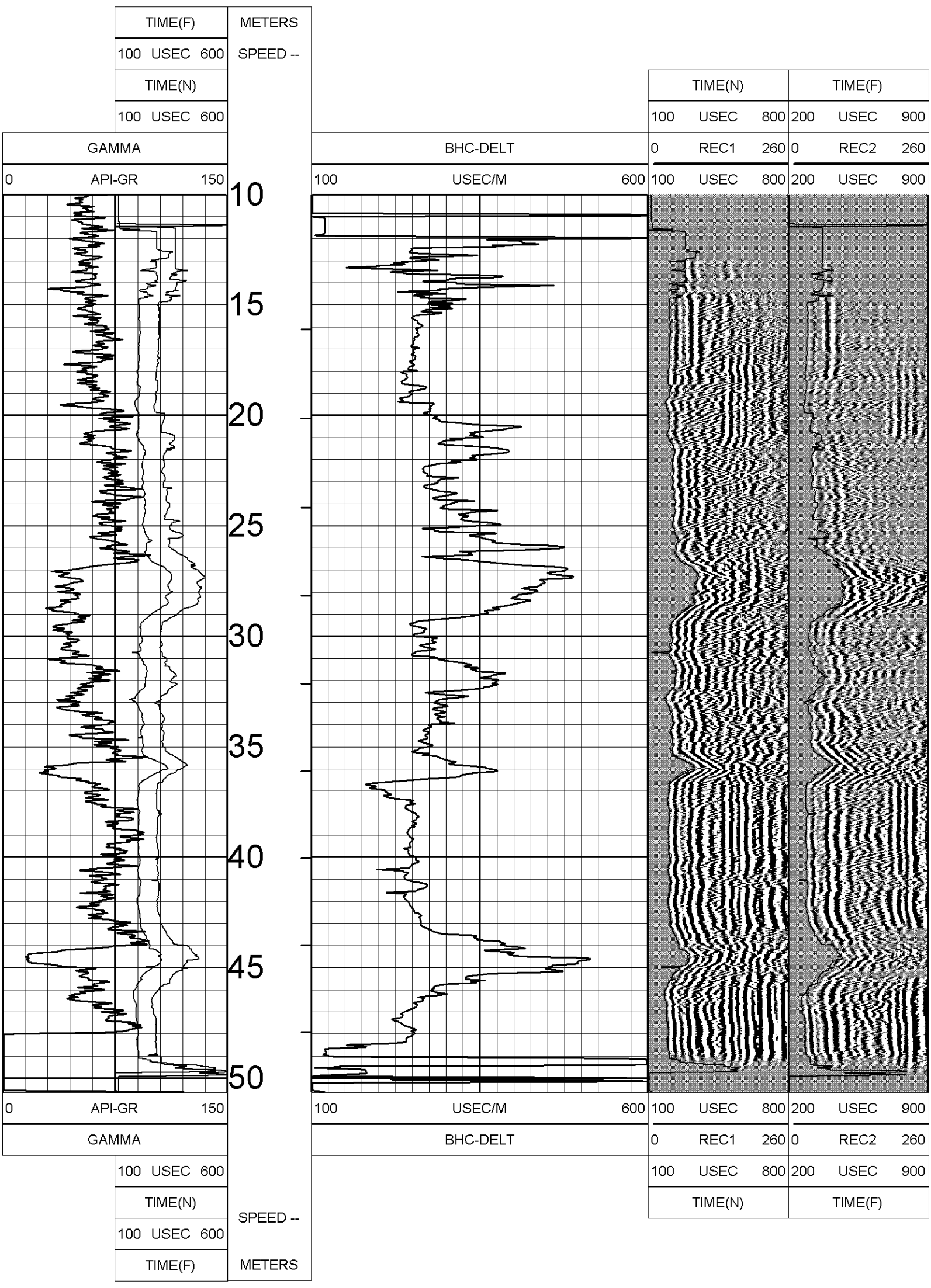
SONIC LOG 1:200 DHGH-14-15 06/16/14

LOG PARAMETERS

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

MAGNETIC DECL : 19.5 ELECT. CUTOFF : 75000 BIT SIZE : 9.8

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



SONIC LOG 1:200 DHGH-14-15 06/16/14

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TOOL CALIBRATION DHGH-14-15 06/16/14 22:16:
TOOL 9321A2 TM VERSION 2
SERIAL NUMBER 2376

					STANDARD		RESPONSE [CPS]	
	DATE	TIME	SENSOR		Point1	Point2	Point1	Point2
1	Apr06,13	12:53:14	GAMMA	[CPS]	Default	Default	Default	Default