Century WIRELINE SERVICES

FULL WAVE SONIC

DHGH-14-03

COMPANY	ATRUM COAL
WELL	DHGH-14-03
WELL EXT	
FIELD	GROUNDHOG
COUNTY	CANADA
STATE	BRITISH COLUMBIA
COUNTRY	---
API NO.	N/A

COMPANY	: ATRUM COAL
WELL	: DHGH-14-03
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	
DRL MEASURED FROM	GL	
LOG MEASURED FROM	GL	
ELEV. PERM. DATUM	N/A	M

Elevations:

KB	N/A
DF	N/A
GL	N/A

M M M

Other Services:
NEUTRON
DENSITY
DIP.

DATE	04/11/14 04:32:		
DEPTH DRILLER	104.54	M	
DEPTH LOGGER	103.90	M	
FIRST READING		M	
LAST READING		M	
BIT SIZE	97.0	MM	
CASING -- DRILLER	7.62	M	
CASING -- LOGGER		M	
CASING O.D.	7.62	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	VERTICAL		
REMARKS 2	HRU RODS		
REMARKS 3			

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

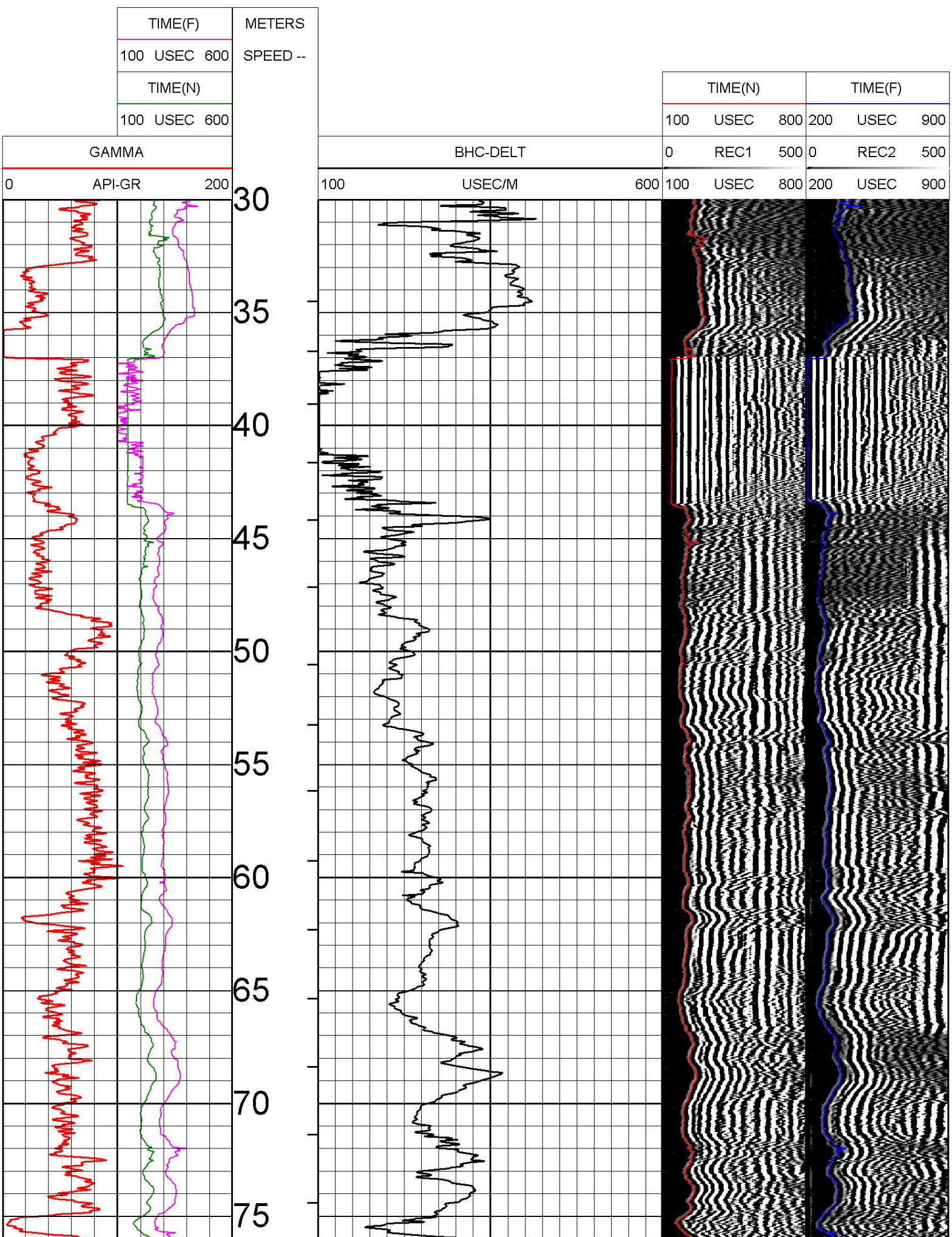
SONIC LOG 1:200 DHGH-14-03 04/11/14

LOG PARAMETERS

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

MAGNETIC DECL : 19.5 ELECT. CUTOFF : 99999 BIT SIZE : 97.0

PRESENTATION NAME/DATE = Atrum_9321.0 03/31/2014 Version 3.65 JH



SONIC LOG 1:200 DHGH-14-03 04/11/14

LOG PARAMETERS

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

MAGNETIC DECL : 19.5 ELECT. CUTOFF : 99999 BIT SIZE : 97.0

PRESENTATION NAME/DATE = Atrum_9321.0 03/31/2014 Version 3.65 JH

TOOL CALIBRATION DHGH-14-03 04/11/14 04:32:
TOOL 9321A2 TM VERSION 2
SERIAL NUMBER 2412

	DATE	TIME	SENSOR		STANDARD Point1	STANDARD Point2	RESPONSE [CPS] Point1	RESPONSE [CPS] Point2
1	Nov11,08	12:12:15	GAMMA	[API-GR]	0.000	340.000	3.000	321