Century WIRELINE SERVICES

FULL WAVE SONIC

DHGH-14-07

COMPANY	ATRUM COAL
WELL	DHGH-14-07
WELL EXT	
FIELD	GROUNDHOG
COUNTY	CANADA
STATE	BRITISH COLUMBIA
COUNTRY	--
API NO.	N/A

COMPANY	: ATRUM COAL
WELL	: DHGH-14-07
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 NEUTRON
ELEV. PERM. DATUM	N/A	M	GL	N/A	M DIP.

DATE	06/07/14 03:09:	
DEPTH DRILLER	289.25	M
DEPTH LOGGER	285.14	M
FIRST READING		M
LAST READING		M
BIT SIZE	97.0	MM
CASING -- DRILLER	6.70	M
CASING -- LOGGER		M
CASING O.D.	6.70	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		
REMARKS 3		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

SONIC LOG 1:200 DHGH-14-07 06/07/14

LOG PARAMETERS

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 19.5	ELECT. CUTOFF : 75000	BIT SIZE : 97.0
PRESENTATION NAME/DATE = Atrum_9321.0 06/05/2014		Version 3.65 JH

SONIC LOG 1:200 DHGH-14-07 06/07/14

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

TOOL CALIBRATION DHGH-14-07 06/07/14 03:09:
TOOL 9321A2 TM VERSION 2
SERIAL NUMBER 2376

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