GAMMA - CALIPER
THRU PIPE DENSITY
DH-14-01

Century WIRELINE SERVICES

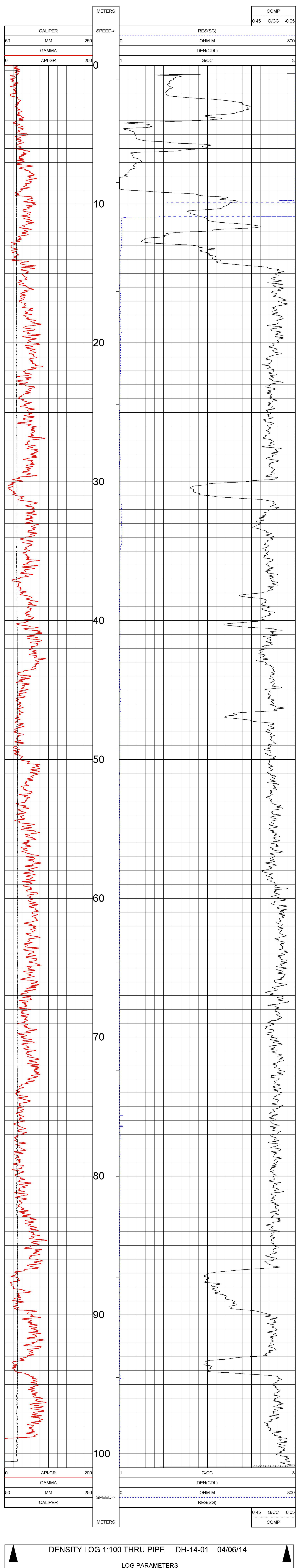
COMPANY	:ATRUM COAL	OTHER SERVICES:	SONIC, NEUTRON, DIP
WELL	:DH-14-01		
FIELD	:GROUND HOG		
COUNTRY	:CANADA		
PROVINCE	:BRITISH COLUMBIA		
LSD	:N/A		
SECTION	:N/A		
TOWNSHIP	:N/A		
RANGE	:N/A		
LICENSE NO.	:N/A		
UNIQUE WELL ID.	:N/A		
PERMANENT DATUM	:GL	ELEVATION KB	:N/A
LOG MEASURED FROM	:GL	ELEVATION DF	:N/A
DRL MEASURED FROM	:GL	ELEVATION GL	:N/A
DATE	:04/06/14	RIG NUMBER	:#2
DEPTH DRILLER	:101.49	LOGGER TD	:101.13
BIT SIZE	:97.00	ARRIVAL TIME	:19:30
LOG TOP	:0.00	DEPARTURE TIME	:19:00
LOG BOTTOM	:100.99	CIRC STOPPED	:N/A
CASING LOGGER	:6.52		
CASING DRILLER	:6.10		
CASING TYPE	:SURFACE		
BOREHOLE FLUID	:H2O		
RM TEMPERATURE	:N/A		
MUD RES	:N/A		
MUD WEIGHT	:1.00		
WITNESSED BY	:HAYDEN MACKENZIE		
RECORDED BY	:JSTAPELBERG		
REMARKS 1	:LOGGED IN PIPE		
REMARKS 2	:		

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

DENSITY LOG 1:100 THRU PIPE DH-14-01 04/06/14

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 19.50 ELECT. CUTOFF : 75000 BIT SIZE : 97.00
PRESENTATION NAME/DATE = Atrum_9239_TP.0 04/07/2014 VERSION = 3.64LD



DENSITY LOG 1:100 THRU PIPE DH-14-01 04/06/14

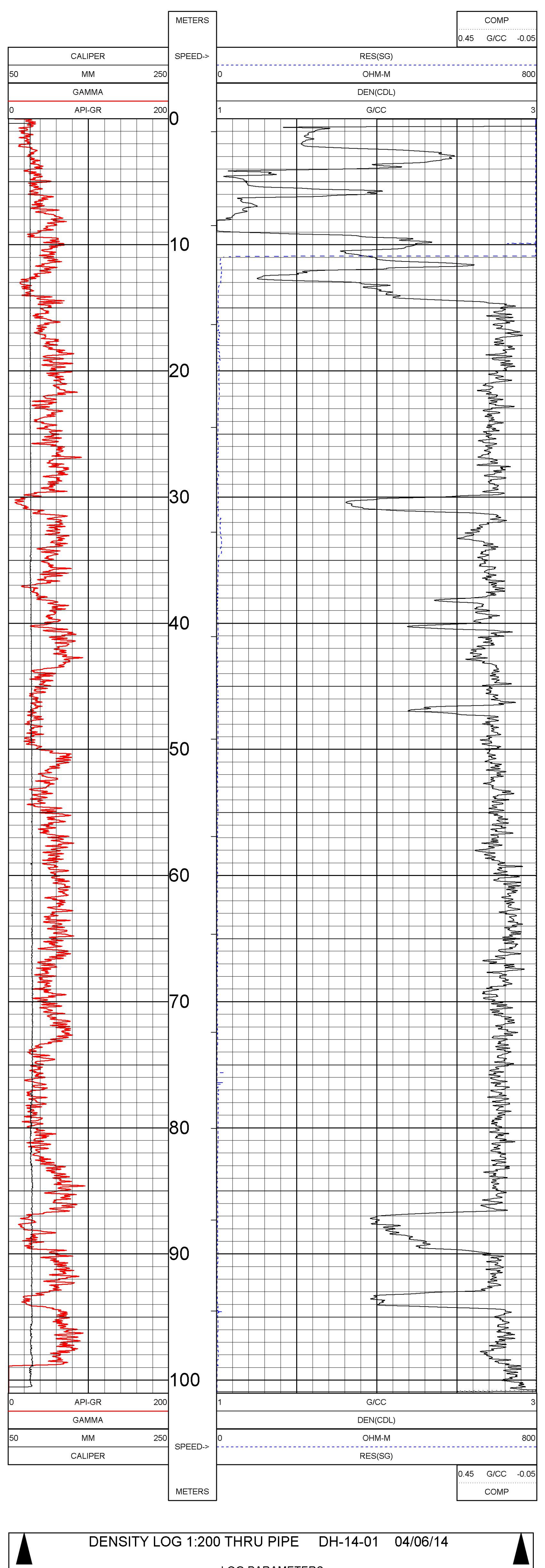
LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 19.50 ELECT. CUTOFF : 75000 BIT SIZE : 97.00
PRESENTATION NAME/DATE = Atrum_9239_TP.0 04/07/2014 VERSION = 3.64LD

DENSITY LOG 1:200 THRU PIPE DH-14-01 04/06/14

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 19.50 ELECT. CUTOFF : 75000 BIT SIZE : 97.00
PRESENTATION NAME/DATE = Atrum_9239_TP.0 04/07/2014 VERSION = 3.64LD



DENSITY LOG 1:200 THRU PIPE DH-14-01 04/06/14

LOG PARAMETERS

MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 177
MAGNETIC DECL : 19.50 ELECT. CUTOFF : 75000 BIT SIZE : 97.00
PRESENTATION NAME/DATE = Atrum_9239_TP.0 04/07/2014 VERSION = 3.64LD

TOOL CALIBRATION DH-14-01 04/06/14 06:35
TOOL 9239C TM VERSION 2025
SERIAL NUMBER 4416

	DATE	TIME	SENSOR	STANDARD		RESPONSE	
1	Mar21,14	12:48:06	GAMMA	0.100	[API-GR]	1.000	[CPS]
	Mar21,14	12:48:06	GAMMA	545.000	[API-GR]	615.000	[CPS]
2	Mar21,14	10:18:04	VOLTAGE	26.700	[MV]	8025.000	[CPS]
	Mar21,14	10:18:04	VOLTAGE	213.000	[MV]	33025.000	[CPS]
3	Mar21,14	10:17:40	CALIPER	100.000	[MM]	178340.000	[CPS]
	Mar21,14	10:17:40	CALIPER	200.000	[MM]	445463.000	[CPS]
4	Mar21,14	10:56:54	DEN(LS)	1.620	[G/CC]	7948.000	[CPS]
	Mar21,14	10:56:54	DEN(LS)	2.612	[G/CC]	1060.000	[CPS]
5	Mar21,14	10:57:21	DEN(SS)	1.590	[G/CC]	33014.000	[CPS]
	Mar21,14	10:57:21	DEN(SS)	2.580	[G/CC]	12985.000	[CPS]
6	Jul01,12	06:48:58	CALIPERL	Default	[CPS]	Default	[CPS]
	Jul01,12	06:48:58	CALIPERL	Default	[CPS]	Default	[CPS]
7	Mar21,14	10:18:38	CURRENT	26.700	[UA]	4425.000	[CPS]
	Mar21,14	10:18:38	CURRENT	213.000	[UA]	19115.000	[CPS]
8	Jul01,12	06:48:58	F	Default	[CPS]		
9	Jul01,12	06:48:58	X	Default	[CPS]		