Century WIRELINE SERVICES

GAMMA - NEUTRON

DHGH-14-33

COMPANY	ATRUM COAL
WELL	DHGH-14-33
FIELD	GROUNDHOG
COUNTRY	CANADA
PROVINCE	BRITISH COLUMBIA

OTHER SERVICES:
,DEN
DIP

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

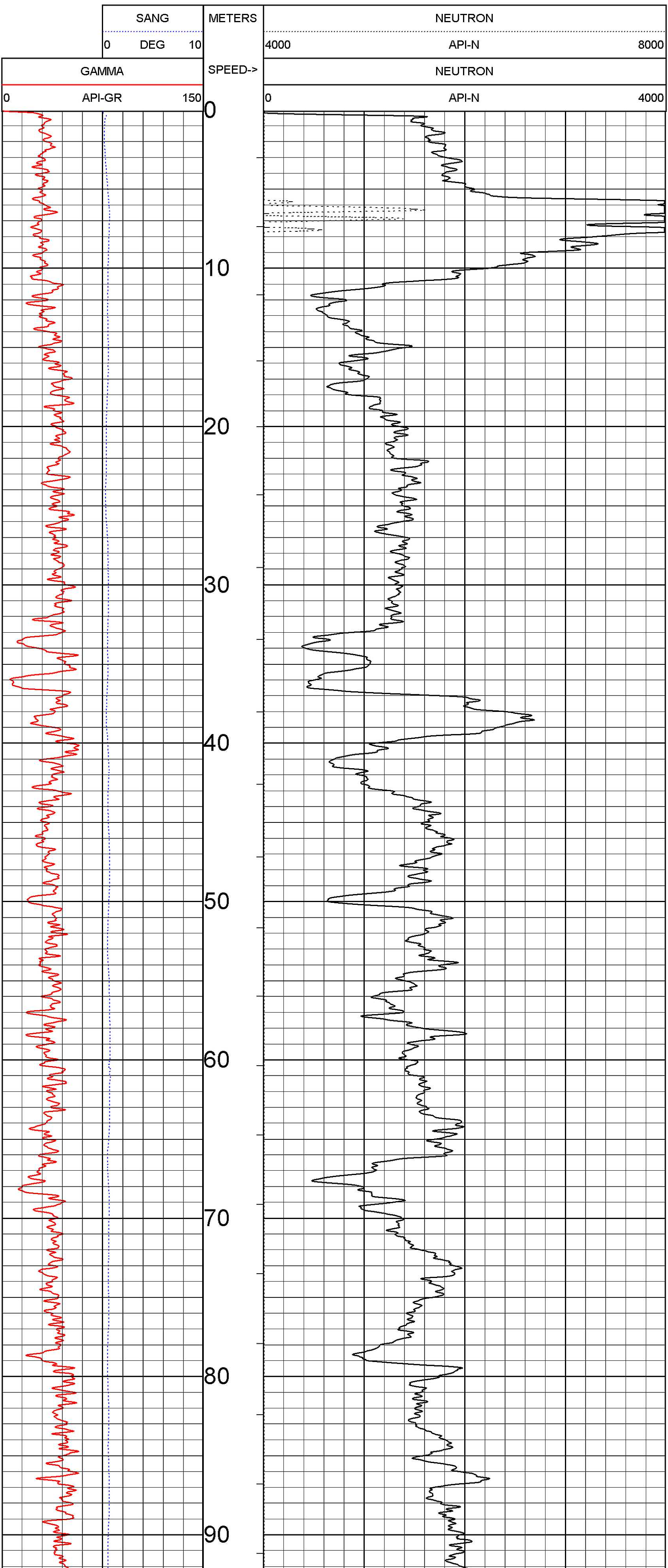
DATE	08/04/14	RIG NUMBER	1
DRILLER TD	358.31	LOGGER TD	358.31
BIT SIZE	97.00	ARRIVAL TIME	19:20
LOG TOP	0.05	DEPARTURE TIME	08:00
LOG BOTTOM	359.30	CIRC STOPPED	03:00
LOGGER CASING	12.19		
DRILLER CASING	12.19		
CASING TYPE	SURFACE		
BOREHOLE FLUID	H2O		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.01		
WITNESSED BY	H.MCKENZIE		
RECORDED BY	JSTAPELEBRG		
REMARKS 1	:		
REMARKS 2	:		

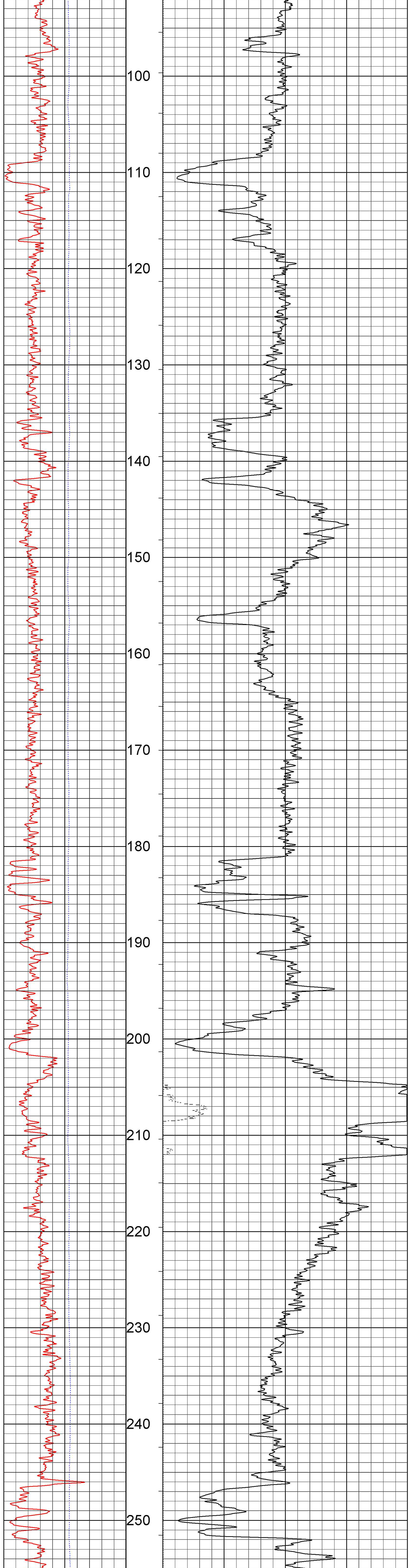
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

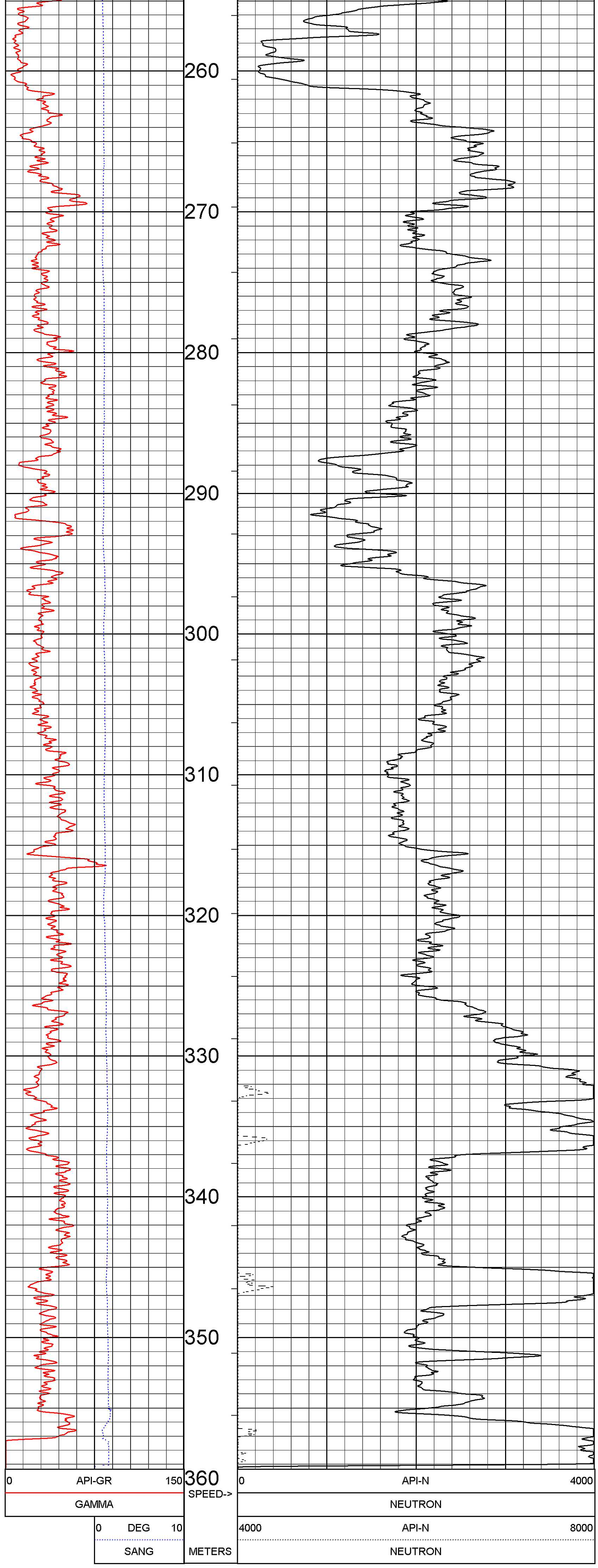
NEUTRON TP 1:200 DHGH-14-33 08/04/14

LOG PARAMETERS

MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE
MATRIX DELTA T : 177
MAGNETIC DECL : 19.50
ELECT. CUTOFF : 99999
BIT SIZE : 97.00
PRESENTATION NAME/DATE = Atrum_9058_(IN-PIPE)_(200 scale).0 06/13/2014
VERSION = 3.64LH







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TOOL CALIBRATION DHGH-14-33 08/04/14 04:55
TOOL 9057A TM VERSION 4
SERIAL NUMBER 4430

	DATE	TIME	SENSOR	STANDARD		RESPONSE	
1	Jul30,14	01:48:42	GAMMA	0.100	[API-GR]	0.000	[CPS]
	Jul30,14	01:48:42	GAMMA	545.000	[API-GR]	608.000	[CPS]
2	May20,14	15:08:03	NEUTRON	0.000	[API-N]	1.000	[CPS]
	May20,14	15:08:03	NEUTRC	271.000	[API-N]	58.000	[CPS]
3	Apr30,08	14:54:38	SP	0.000	[MV]	325650.000	[CPS]
	Apr30,08	14:54:38	SP	97.000	[MV]	277560.000	[CPS]
4	Jul02,07	08:07:18	RES(16N)	0.000	[OHM-M]	3892.000	[CPS]
	Jul02,07	08:07:18	RES(16N	1996.000	[OHM-M]	421781.000	[CPS]
5	Jul02,07	08:07:23	RES(64N)	0.000	[OHM-M]	3324.000	[CPS]
	Jul02,07	08:07:23	RES(64N	1990.000	[OHM-M]	426303.000	[CPS]
6	Jul31,13	13:32:13	TEMP	10.000	[DEG_F]	343298.000	[CPS]
	Jul31,13	13:32:13	TEMP	71.000	[DEG_F]	423631.000	[CPS]
7	Jul02,07	08:07:32	RES	0.000	[OHM]	4438.000	[CPS]
	Jul02,07	08:07:32	RES	989.000	[OHM]	162986.000	[CPS]
8	Jun26,07	14:31:00	POR(NEU	Default	[CPS]	Default	[CPS]