Century
WIRELINE SERVICES

GAMMA - NEUTRON

DHGH-14-32

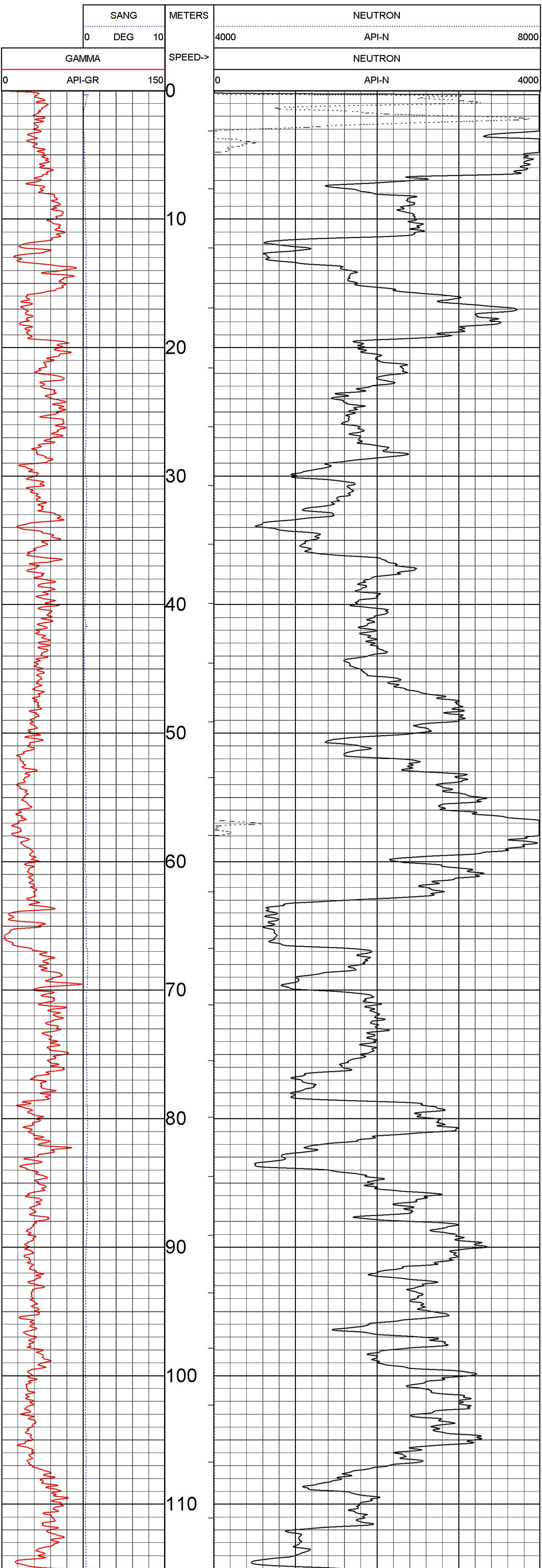
COMPANY	ATRUM COAL	OTHER SERVICES:	DEN,DIP SON
WELL	DHGH-14-32		
FIELD	GROUNDHOG		
COUNTRY	CANADA		
PROVINCE	BRITISH COLUMBIA		
LSD	N/A		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENSE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DATUM	GL	ELEVATION KB	N/A
LOG MEASURED FROM	GL	ELEVATION DF	N/A
DRL MEASURED FROM	GL	ELEVATION GL	N/A
DATE	07/31/14	RIG NUMBER	1
DRILLER TD	359.34	LOGGER TD	358.67
BIT SIZE	97.00	ARRIVAL TIME	07:10
LOG TOP	0.00	DEPARTURE TIME	07:00
LOG BOTTOM	360.00	CIRC STOPPED	06:30
LOGGER CASING	8.22		
DRILLER CASING	8.22		
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	:		

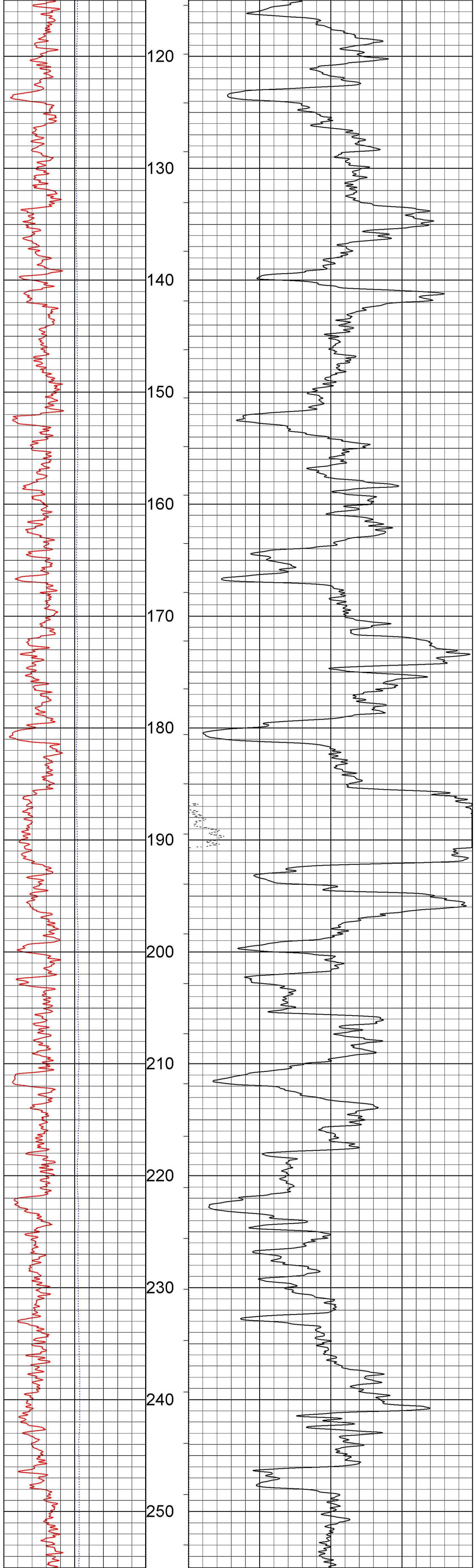
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

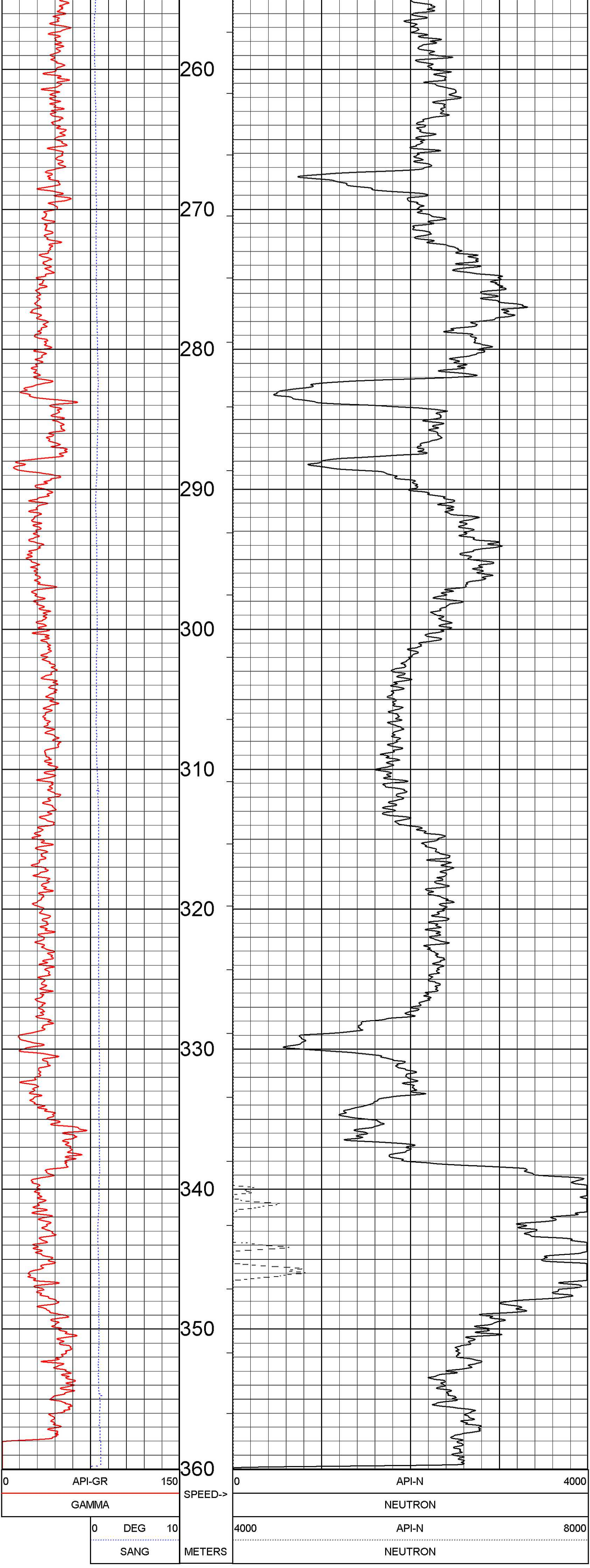
NEUTRON TP 1:200 DHGH-14-32 07/31/14

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-14-32 07/31/14 09:51
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]
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