



CENTRAL PETROLEUM  
WELL: CBM 93 - 004



Weatherford

HoleData:

12.25", 0, 15 m  
8.5", 15m, 249.5m  
6.125", 249.5m, 501.9m  
3.775", 501.9m, 978m

CasingData:

12.25", 0 m, 15 m,  
7", 15 m, 245m,  
4.5", 248m, 501m,

MudData:

KCL Gel

SURFACE LOGGING SYSTEMS

MUDLOG

Legend

Drilling Data:

BC bit condition  
BS bit size  
CB core bit  
CBR core bit re-run  
CR core  
CSG casing  
DC depth correction  
DIR directional survey  
DS deviation survey  
DST drill stem test  
LC lost circulation  
LCM lost circ material  
MM mud motor  
NB new bit  
PO pump output  
PP pump pressure  
RPM rotary speed  
RR re-run bit  
SPM pump strokes  
SPP stand pipe pressure  
TRQ torque  
TVD true vertical depth  
WLL wireline log  
WOB weight on bit

Personnel:

Companyman:  
Tim Brower  
Guy Holmes  
Steve Bailey  
Ian Twentyman  
Geologist:  
Michael Harrison  
Graham McClung  
Mudlogging Crew:  
Muhd Redzuan Shamsuddin  
Muhd Mukhsin  
Liam Gending

Operator: Central Petroleum  
Well: CBM93-004  
Location: Central Australia  
Country: Australia  
UWID: CBM 93-004  
Elevation GL: 185.00  
KB: 1.00  
Drilling Rig: WALLIS RIG D 39  
Spud Date: December 04, 2009  
Print Date: March 22, 2010  
Scale: 1:200



Bit Trip



Dummy Trip



Mud Loss



Wireline Log



Casing



Directional Drill



Side Wall Core



Perforated Interval

Lithology



Siltstone 2



Sandstone



Siltstone



Shale



Limestone



Coal



Claystone



Mudstone



Calcareous Claystone

Company : Central Petroleum Ltd. Well : CBM 107 - 001 Location : Perdika Basin, Central Australia Spud : 4 February 2009 Scale : 1:200

ROP Average		Depth	Percentage Lithology	Total Gas Chromat		Methane		Interpreted Lithology	Remarks
50	m/hr			0	units	100	0.1		
WOB		Depth	Percentage Lithology	Carbon Dioxide		Ethane		Interpreted Lithology	Remarks
30	Klb			0	units	100	0.1		
Total Gas		Depth	Percentage Lithology	Propane		Iso-Butane		Interpreted Lithology	Remarks
0	units			0	units	100	0.1		
Total Gas Sensor		Depth	Percentage Lithology	N-Butane		Iso-Pentane		Interpreted Lithology	Remarks
0	units			0	units	100	0.1		
50	ROP Average m/hr	5	SANDSTONE	0	Total Gas Chromat Out units	1000	0.1	Methane Out ppm	SANDSTONE: It yel gy, lse, med-v crse, subang-subrnd, tr wh frm Silcrete
30	WOB Klb			0	Carbon Dioxide Out units	1000	0.1	Ethane Out ppm	
				0	Total Gas Sensor units	1000	0.1	Propane Out ppm	
								Iso-Butane Out ppm	
								N-Butane Out ppm	
								Iso-Pentane Out ppm	

ROP based on Drillers  
Estimation from 1-248m

10

15

20

25

30

35

40

45

50

55

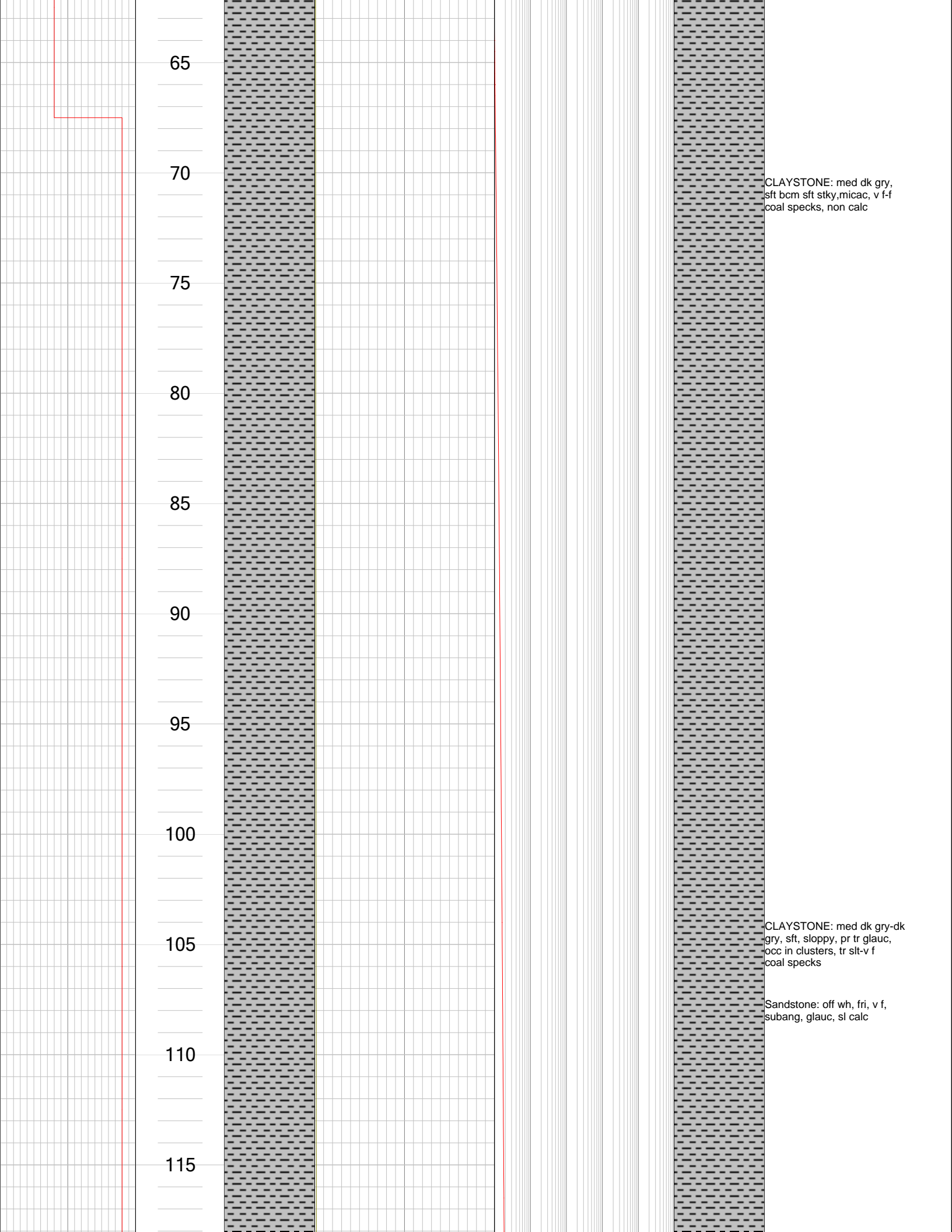
60

No Gas data (1-248m)  
Mudlogging Shack  
not ready due  
to no power supply

12.25" Conductor hole  
TD @15m on  
03 Dec 2009 @ 1500hrs

CLAYSTONE: off wh, tan,  
sft, tr limonite

CLAYSTONE: med dk gry,  
sft, tr firm, com disem carb  
mtl and f-crse coal grains



65

70

75

80

85

90

95

100

105

110

115

CLAYSTONE: med dk gry,  
sft bcm sft stky, micac, v f-f  
coal specks, non calc

CLAYSTONE: med dk gry-dk  
gry, sft, sloppy, pr tr glauc,  
occ in clusters, tr slt-v f  
coal specks

Sandstone: off wh, fri, v f,  
subang, glauc, sl calc

120

125

130

135

140

145

150

155

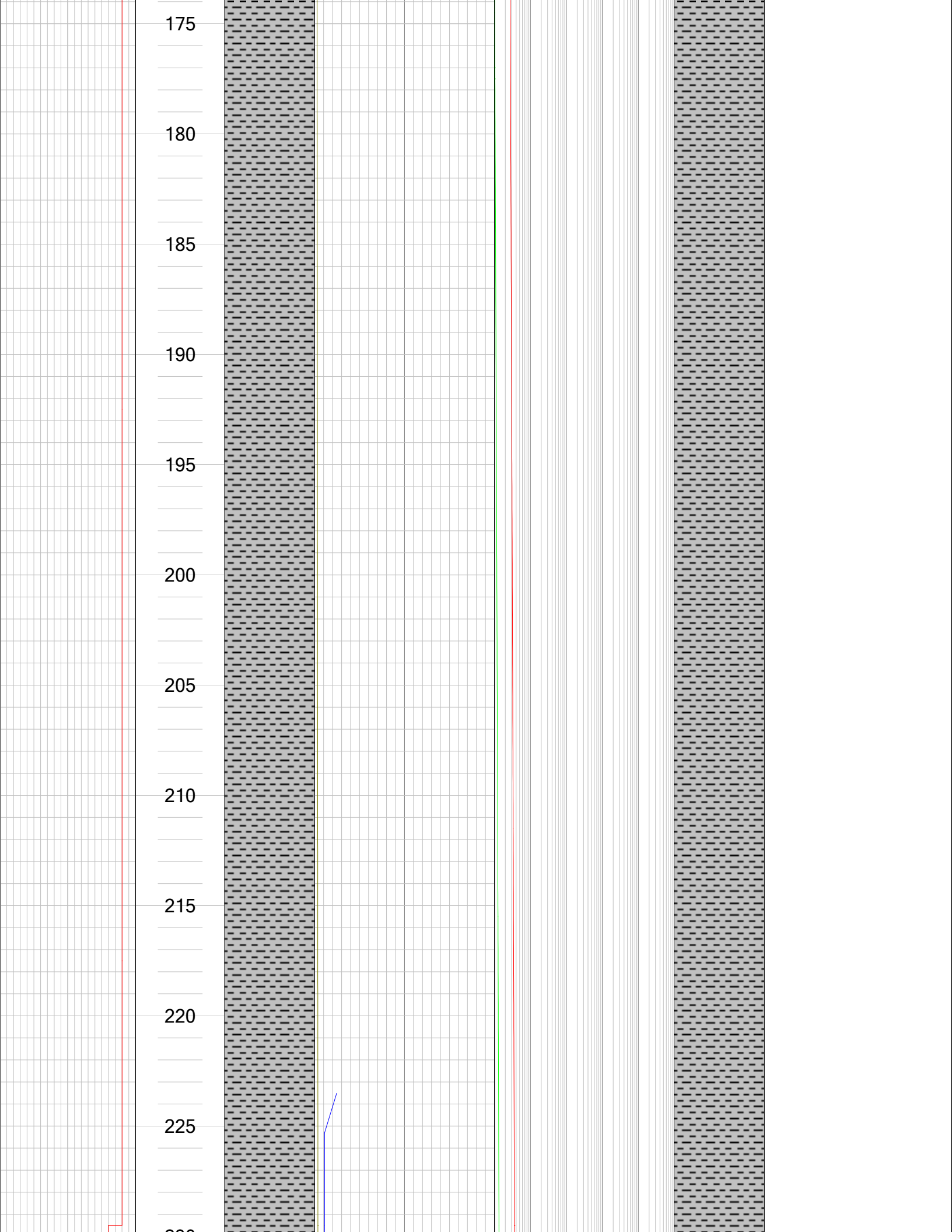
160

165

170

CLAYSTONE: med drk gy-drk  
gy, sft, sloppy, pr tr of f glau  
grns occ in cluster, coaly  
spks remain as tr, v f-slit  
sized, sli micaceous

CLAYSTONE: med dk gry-dk  
gry, sft, sloppy, pr tr glauc,  
bcm rr w/dpth, pr tr slt sized  
coal specks, non-sl calc frm  
v f calc frags



175

180

185

190

195

200

205

210

215

220

225

230

