

COLUMBINE LOGGING

Scale: 5" / 100'
Measured Depth Log

Well Name Oscar Y10-78-1HC

Location NWSW SEC 10, T2N, R64W

State COLORADO

Country USA

API Number 05-123-38193

Region DJ BASIN

Spud Date 1/28/2014

Surface Coordinates 2380' FSL, 738' FWL

County WELD

Rig Number H&P 330

Field WATTENBERG

Drilling Completed 2/8/2014

Ground Elevation 4943'

K.B. Elevation 4973'

Logged Interval 6460' To 14759'

Total Depth 14759'

Formation CODELL

Type of Drilling Fluid LSND

Company NOBLE ENERGY INC

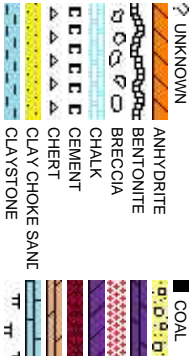
Address 1625 Broadway Suite
Denver, CO 80202

Name EVAN HOWELL

Company NOBLE ENERGY INC

Address 1625 Broadway Suite
Denver, CO 80202

ANDREA ZUIDEMA
JESSICA SIEBERG



Operator

IC.

e 2200

Geologist

IC.

e 2200

Other

Rock Types

CONGLOMERATE

DOLOMITE

GRANITE

GYPSUM

IGNEOUS

SIDERITE or LIMONITE

LIMESTONE

MARLSTONE

NO SAMPLE

SANDSTONE

SALT-PEPPER SANC

SHALE

SHALE COLORED

SHALE GRAY

SHALY SANDSTONE

SHALY SILTSTONE

SILTY SHALE

SILTSTONE

TILL

TUFF

WELDED TUFF

Accessories

F FOSSIL

GASTROPOD

ALGAE

AMPHIPORA

BELEMITE

BIOCLASTIC

BRACHIOPOD

BRYOZOA

CEPHALOPOD

CORAL

CRINOID

ECHINOID

FORAMINIFERA

ARGILLACEOUS

ARGILLITE GRAIN

BENTONITE

BITUMENOUS SUBSTANCE

BRECCIA FRAGMENTS

CALCAREOUS

CARBONACEOUS FLAKES

CHITDK

CHTLT

COAL - THIN BEDS

DOLOMITIC

FELDSPAR

FERRUGINOUS PELLET

FERRUGINOUS

FISH

FORAMINIFERA

ANHYDRITIC

GLAUCONITE

GYPSIFEROUS

HEAVY MINERAL

INOCERAMUS

KAOLIN

MARLSTONE

MINERAL CRYSTALS

NODULES

PHOSPHATE PELLET

PYRITE

SALT CAST

SANDY

SILICEOUS

SILTY

SILTYSTONE STRINGER

Other Symbols

MOLDIC

ORGANIC

DEAD

PINPOINT

EVEN

QUESTIONABLE

SPOTTED STAINING

BIT

CONNECTION (LEFT)

CONNECTION (RIGHT)

CONNECTION GAS

CORE - LOST

CORE - RECOVERED

DST INTERVAL

FAULT

FORMATION TOP

GAS SHOW

MINDEPTH

MN DEPTH

NORMAL FAULT

OIL SHOW

OVERTURNED STRATA

REVERSE FAULT

SIDEWALL CORE (LEFT)

SIDEWALL CORE (RIGHT)

SLIDE

SURVEY

TRIP GAS

ANGULAR

ROUNDED

SUBANG

SUBRND

BOUNDSTONE

CHALKY

CRYPTOXLN

MODERATE

POOR

WELL

Slide/Rotate

ROP

ROF

50' Sample Interval

BEGAN DRILLING CURVE
@ 06:49 AM 02/01/2014

Total Gas & Chromatograph

GAS

C1

C2

C3

C4

COLUMBINE LOGGING INC.
RIGGED UP ON 01/29/2014
MANNED 2-PERSON LOGGING
WITH BLOODHOUND GAS
CHROMATOGRAPH UNIT #0595
COLUMBINE BEGAN LOGGING
ON 01/30/2014

Bit Data

Bit #: 2

Type: Security MMD55

Size: 8.75"

Depth In: 6,460'

Depth Out: 7,487'

Jets: 5X16

S/N: 12215404

1478u

C1: 72.7%

C2: 14.2%

C3: 10.9%

C4: 02.3%

1674u

100

Depth Labels

% Lith

Gamma

GAMMA

MUD WT 10.50 VIS 40



Well Bore
TVD

Acetone was used as the cutting
agent with the dimple filled to the rim

The ratings are based on 7 descriptors:
None, Slight trace, Trace, Fair, Moderate,
Good, and Excellent. The descriptor used
is based on the loggers observations and
best judgment of brilliance, color and
longevity of the cut.

SLTY SH: lt - med gy, sft, sb blk-ly-sb pty, occ
pty - sb fis tex, rthy mtx, occ arg mtx, non
calc, tr shly ss, tr ss

SLTY SH: lt - med gy, sft, sb blk-ly-sb pty, occ
pty - sb fis tex, rthy mtx, occ arg mtx, non
calc, tr shly ss, tr ss

SLTY
blk-ly-sb
calc, tr

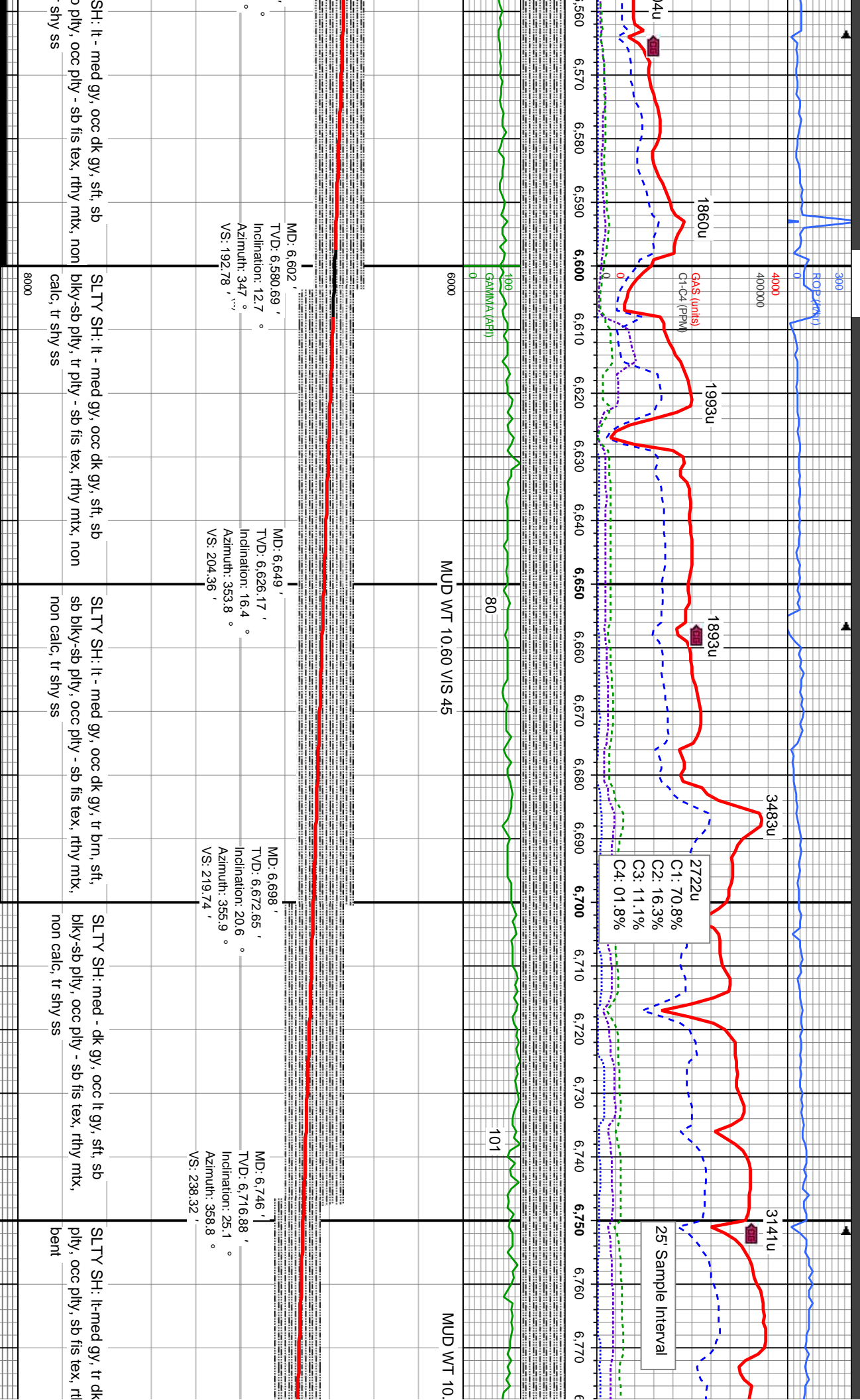
MD: 6,507 '
TVD: 6,487.14 '
Inclination: 6.3 °
Azimuth: 358.4 °
VS: 176.89 '

MD: 6,554 '
TVD: 6,533.64 '
Inclination: 10.2 °
Azimuth: 348.6 °
VS: 183.52 '

Oil Show

Images





SHI: It - med gy, occ dk gy, sft, sb
o ply, occ ply - sb fis tex, rthy mtx, non
shy ss

SLTY SH: lt - med gy, occ dk gy, sft, sb
blky-sb pty, tr pty - sb fls tex, rthy mtx, non
calc, tr shly ss

SLTY SH: It - med gy, occ dk gy, tr brn, sft,
sb blk/sb pty, occ pty - sb fis tex, rthy mtk,
non calc, tr shy ss

SLTY SH: med - dk gy, occ lt gy, sft, sb			
blky-sb plty, occ plty - sb fls tex, rthy mtx,			
non calc, tr shy ss			

SLTY SH: It-med gy, tr dk ply, occ ply, sb fis tex, rti bent			
--	--	--	--

MD: 6,602 '
TV D: 6,580.69 '
Inclination: 12.7
Azimuth: 347 °
VS: 192.78 ' , ''

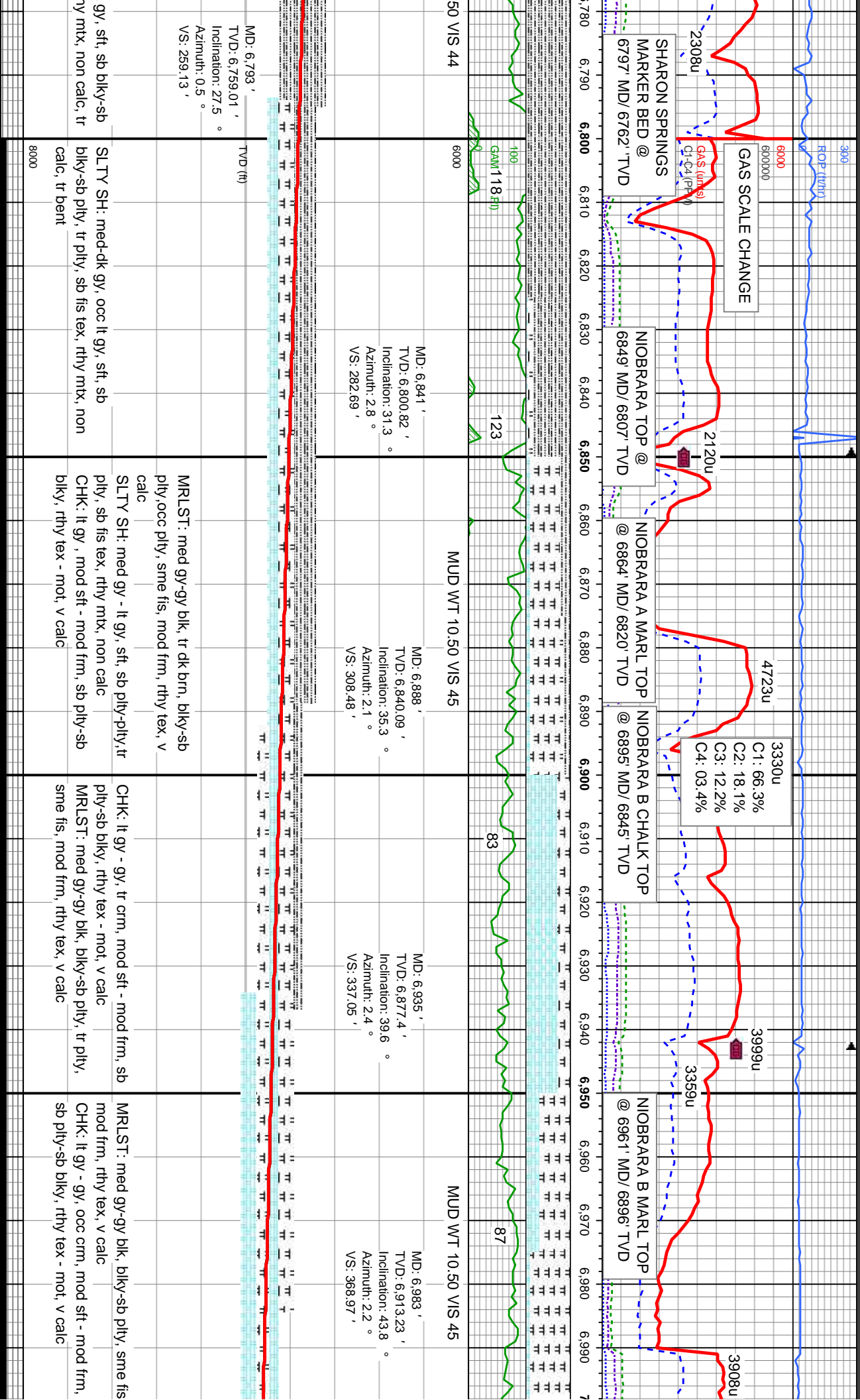
MD: 6,649 '
TVD: 6,626.17 '
Inclination: 16.4
Azimuth: 353.8
VS: 204.36 '

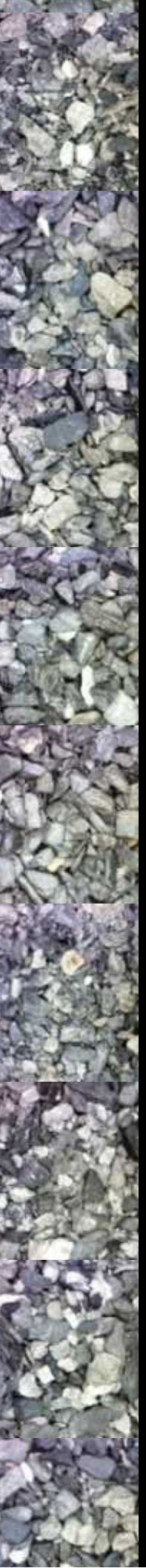
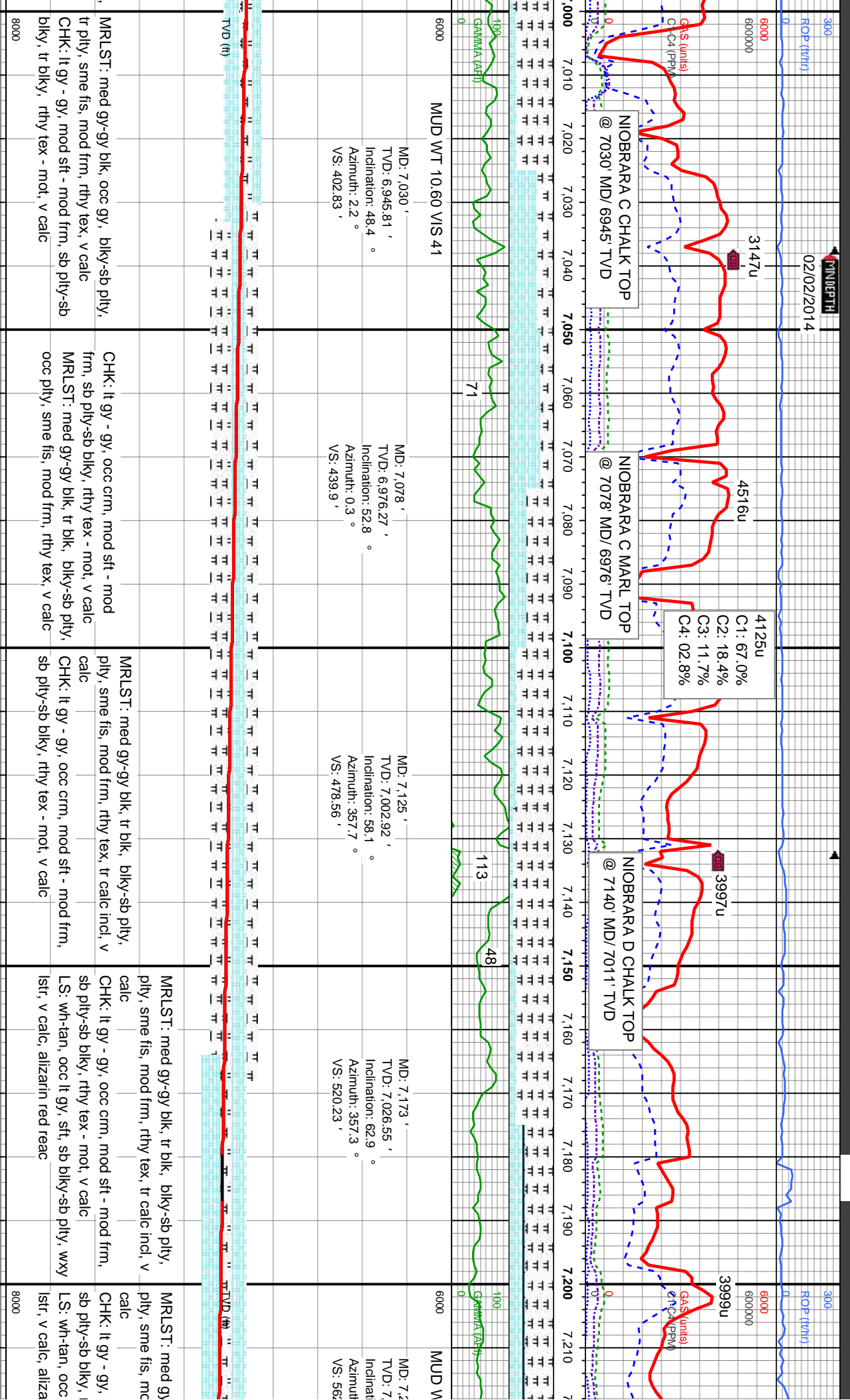
MD: 6,698 '
TVD: 6,672.65 '
Inclination: 20.6
Azimuth: 355.9
VS: 219.74 '

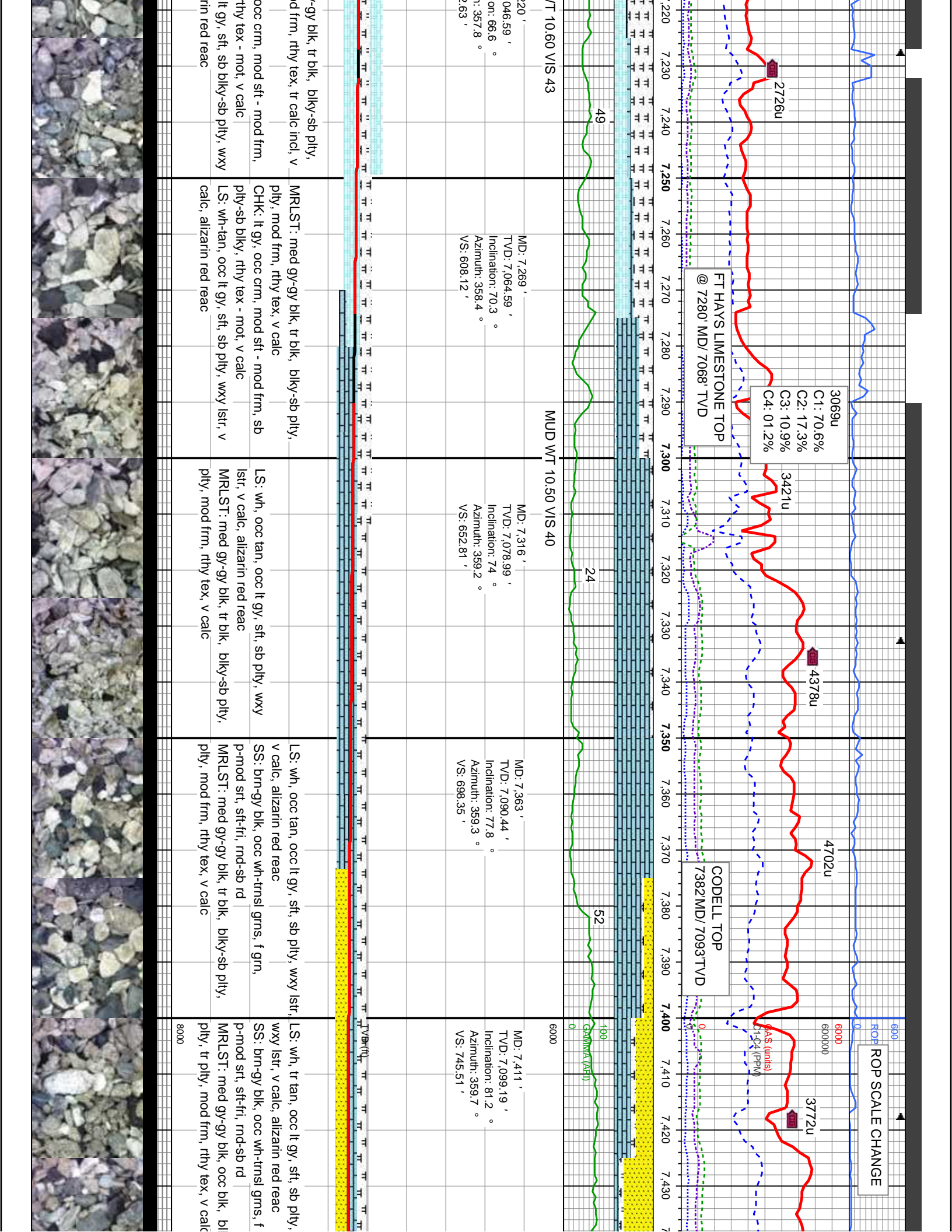
MD: 6,746 ']
TVD: 6,716.88 ']
Inclination: 25.1 °]
Azimuth: 358.8 °]
VS: 238.32 ']

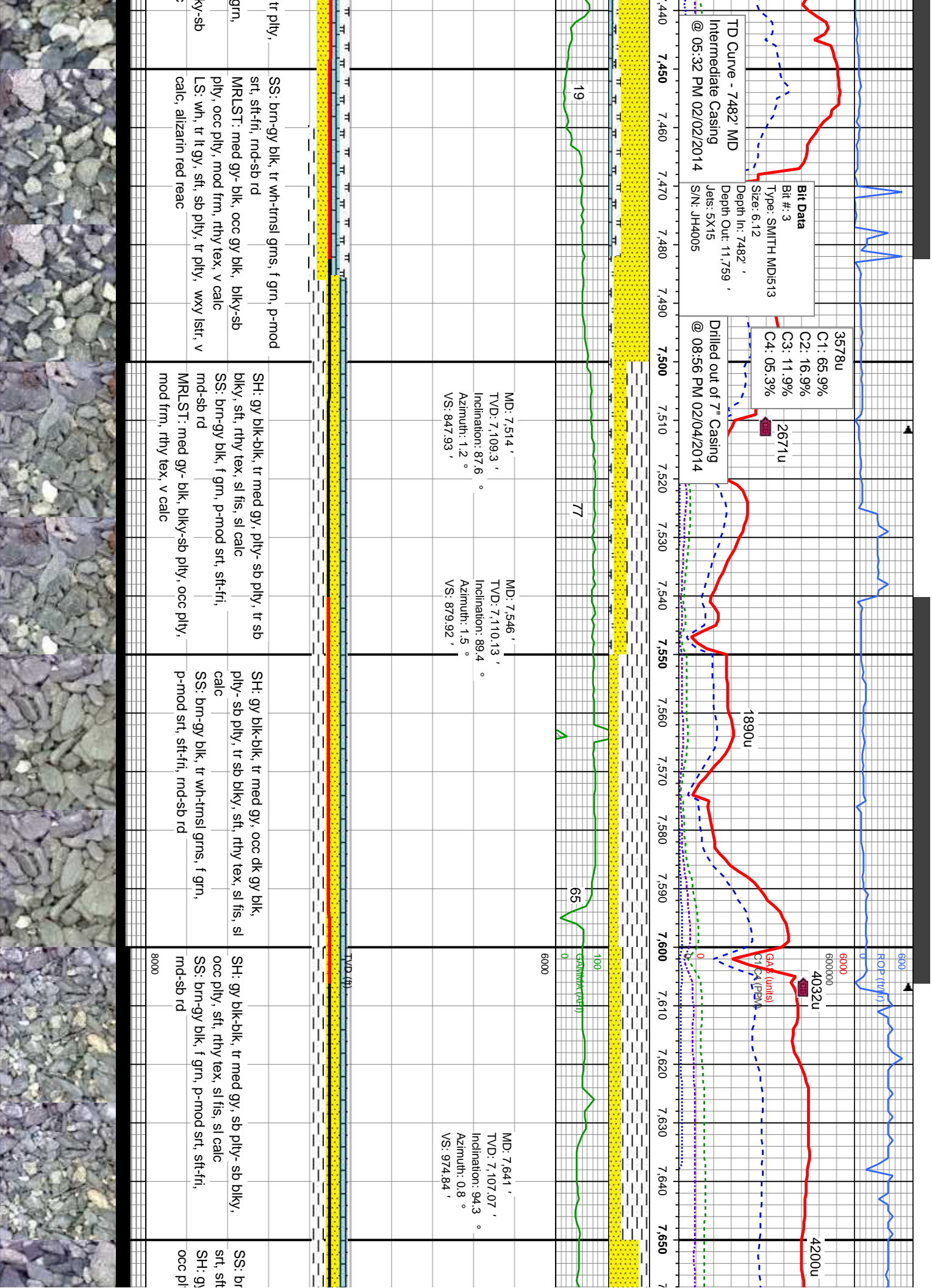
MUD WT 10.60 VIS 45

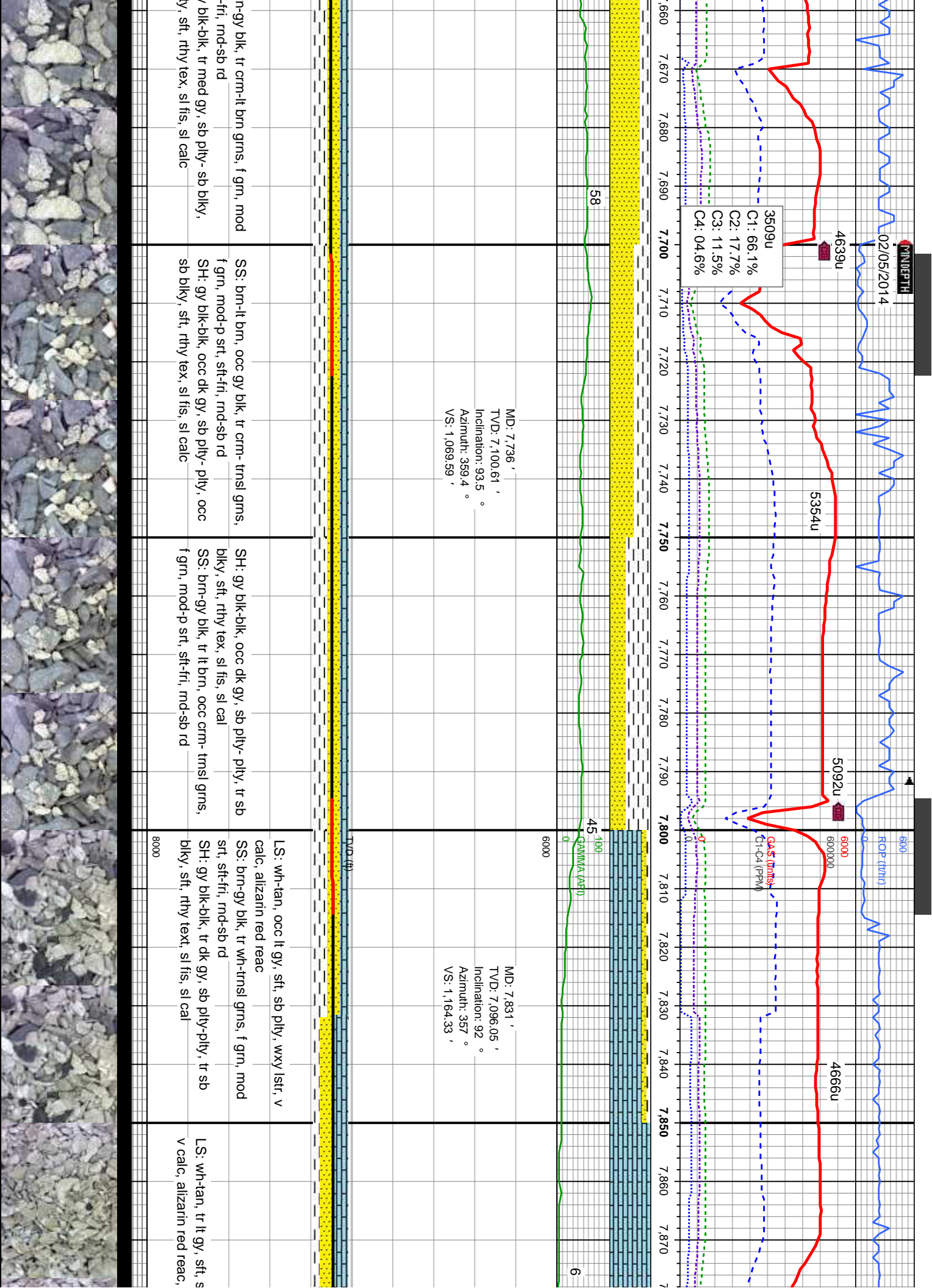
MUD WT 10.

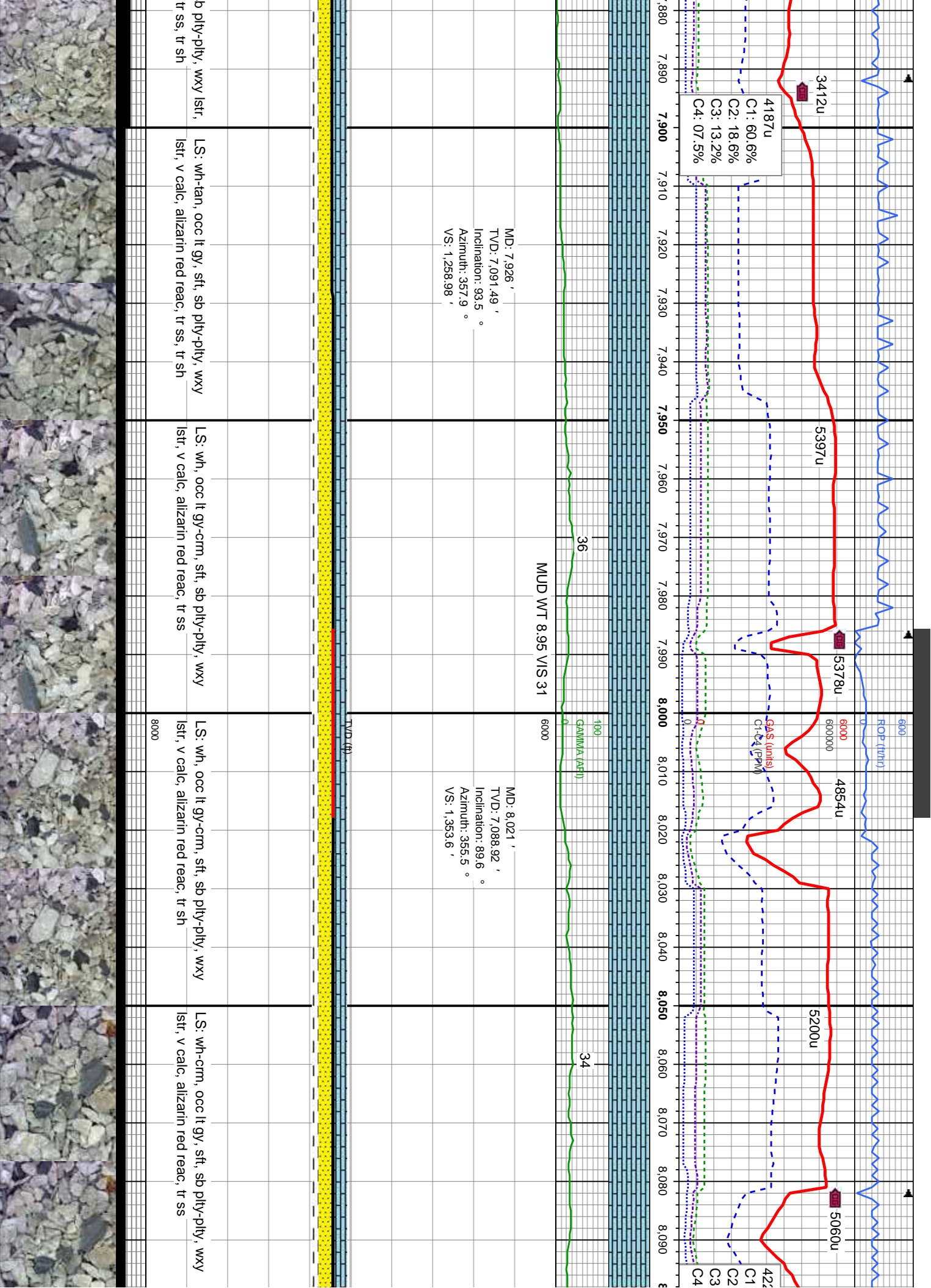


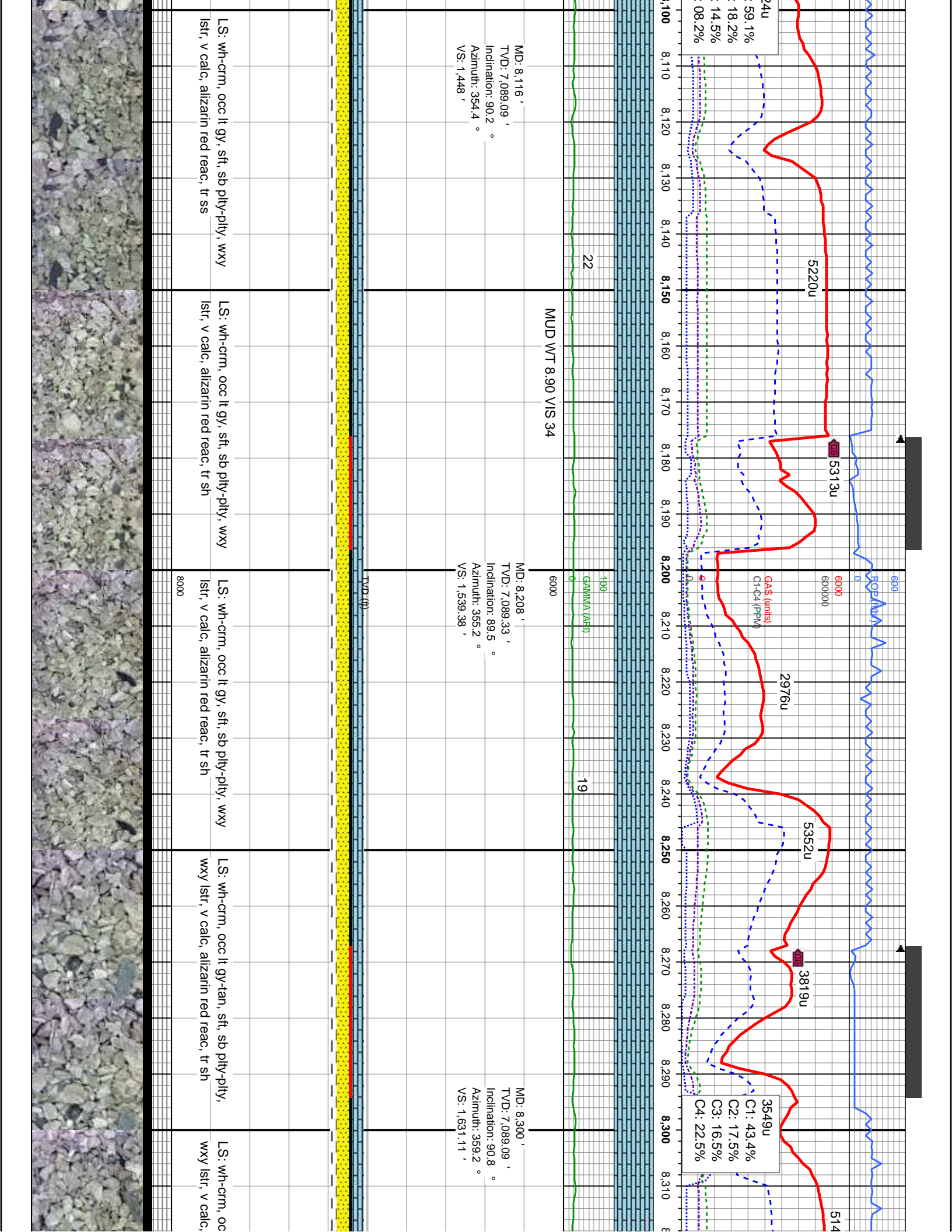


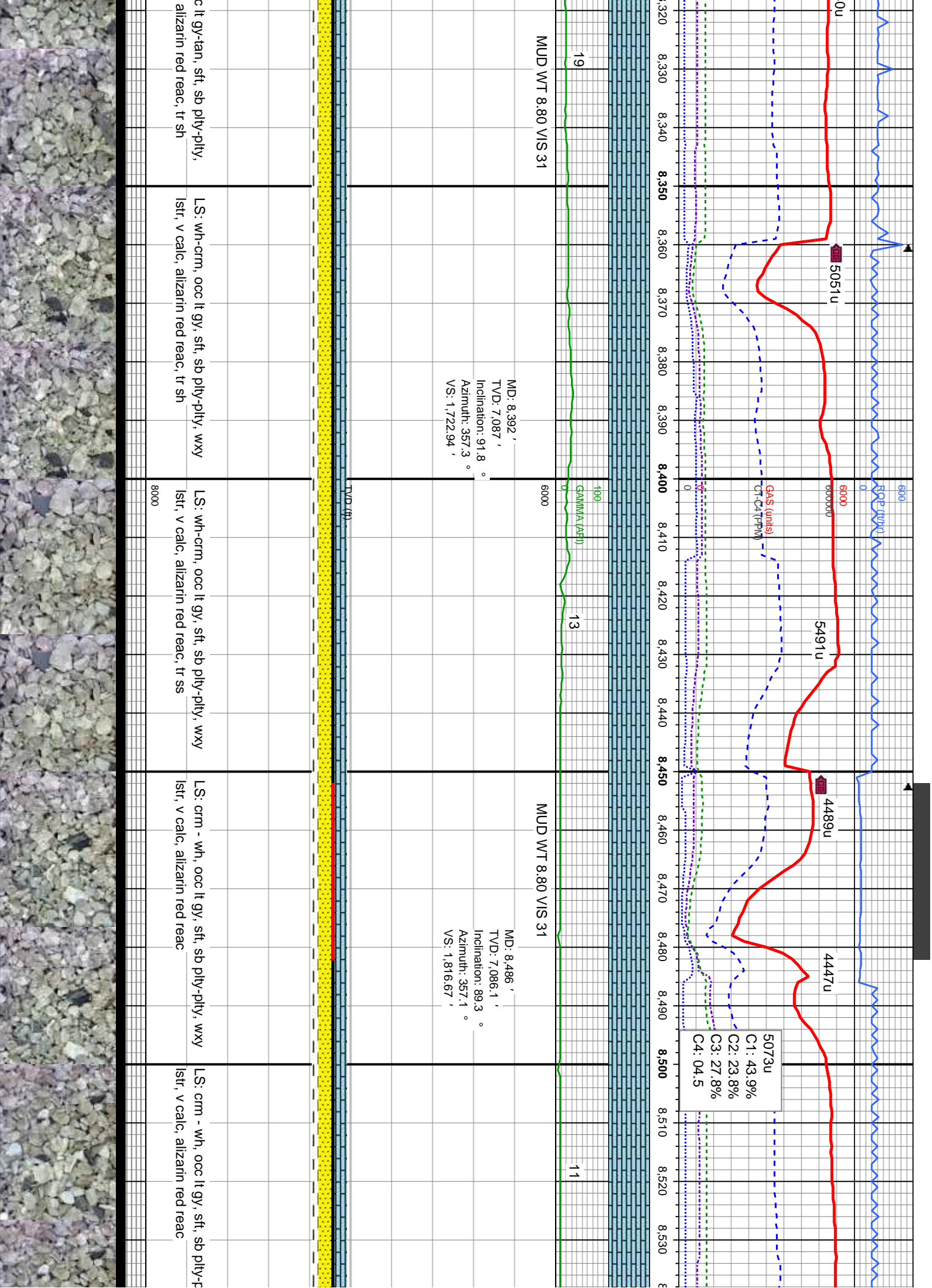


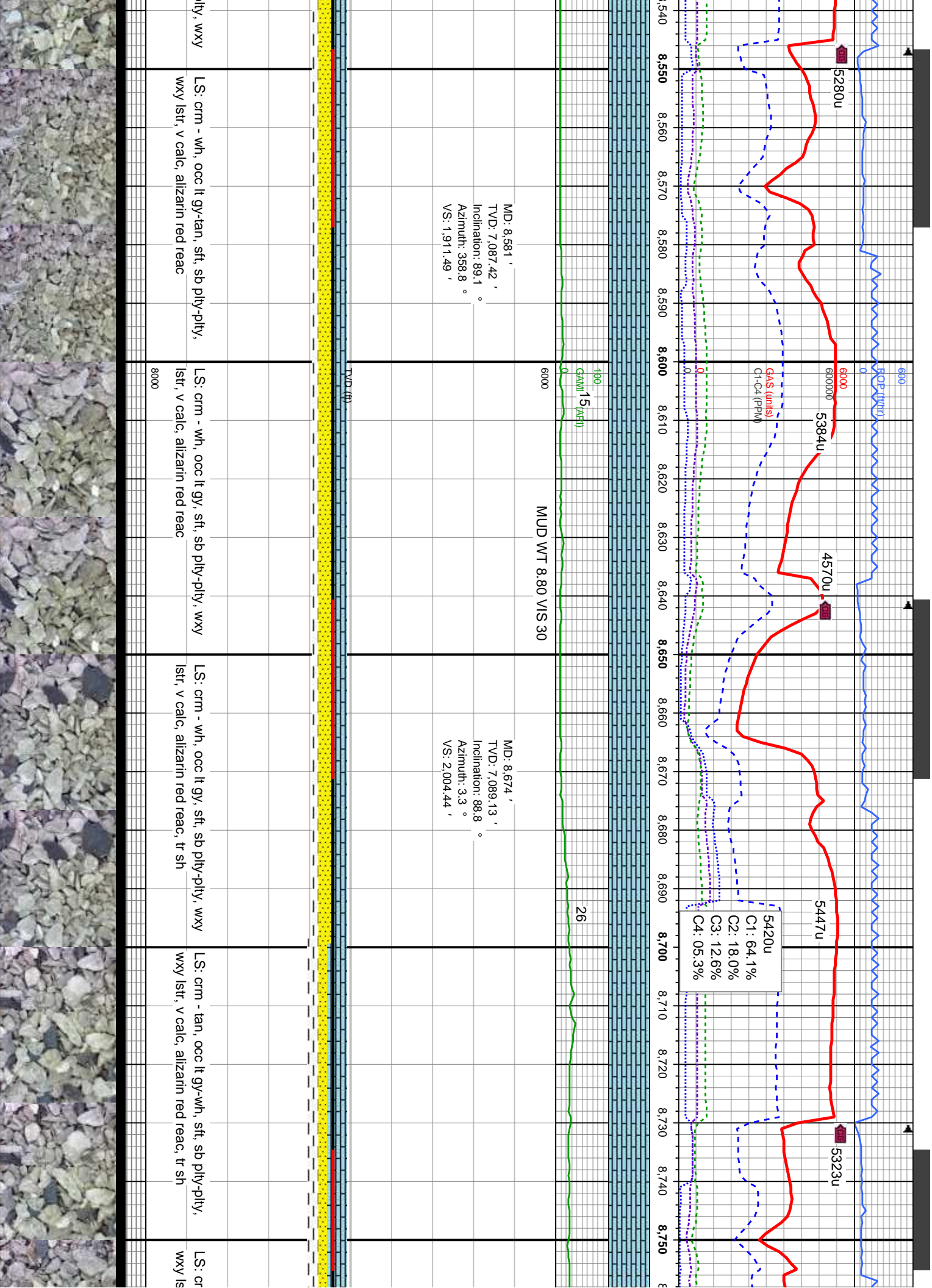


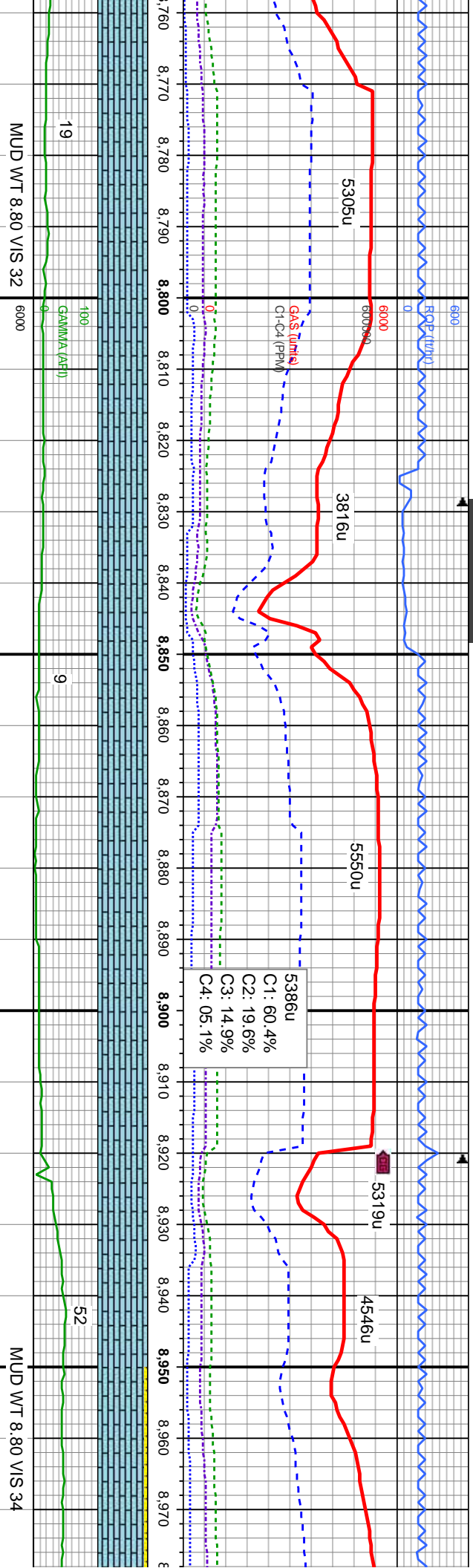












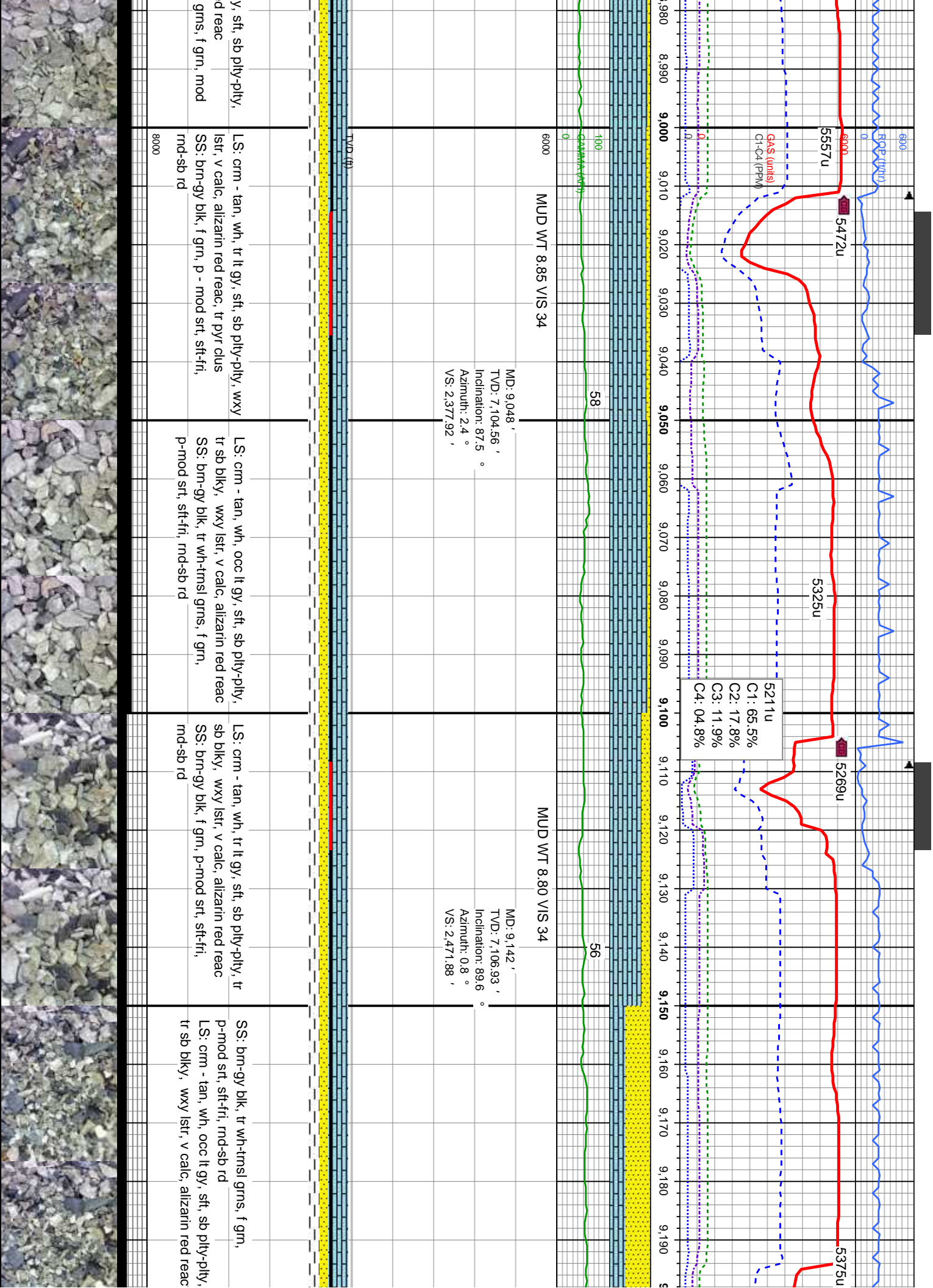
MD: 8.768 ' TVD: 7,091.18 ' Inclination: 88.7 ° Azimuth: 3.1 ° VS: 2,098.38 ' MUD WT 8.80 VIS 32

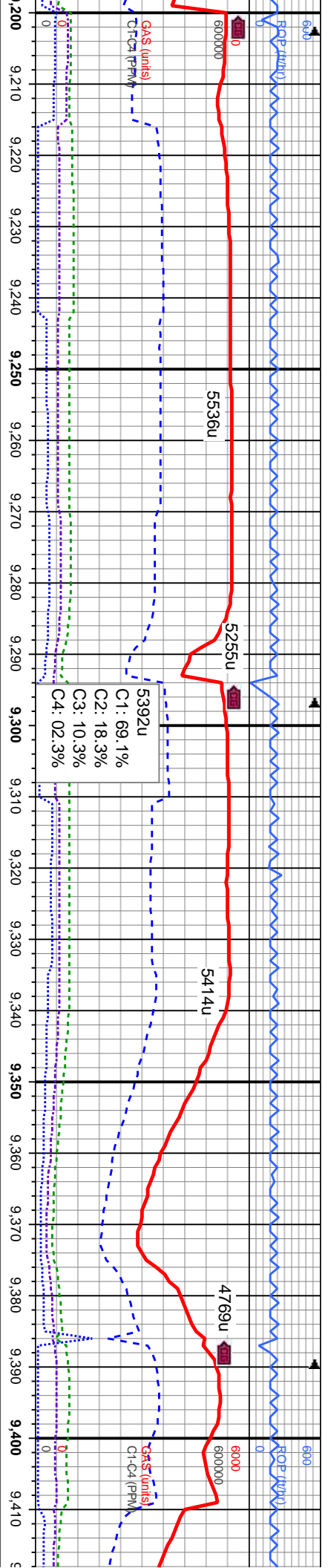
MD: 8.860 ' TVD: 7,094.63 ' Inclination: 87 ° Azimuth: 4 ° VS: 2,190.24 ' MUD WT 8.80 VIS 34

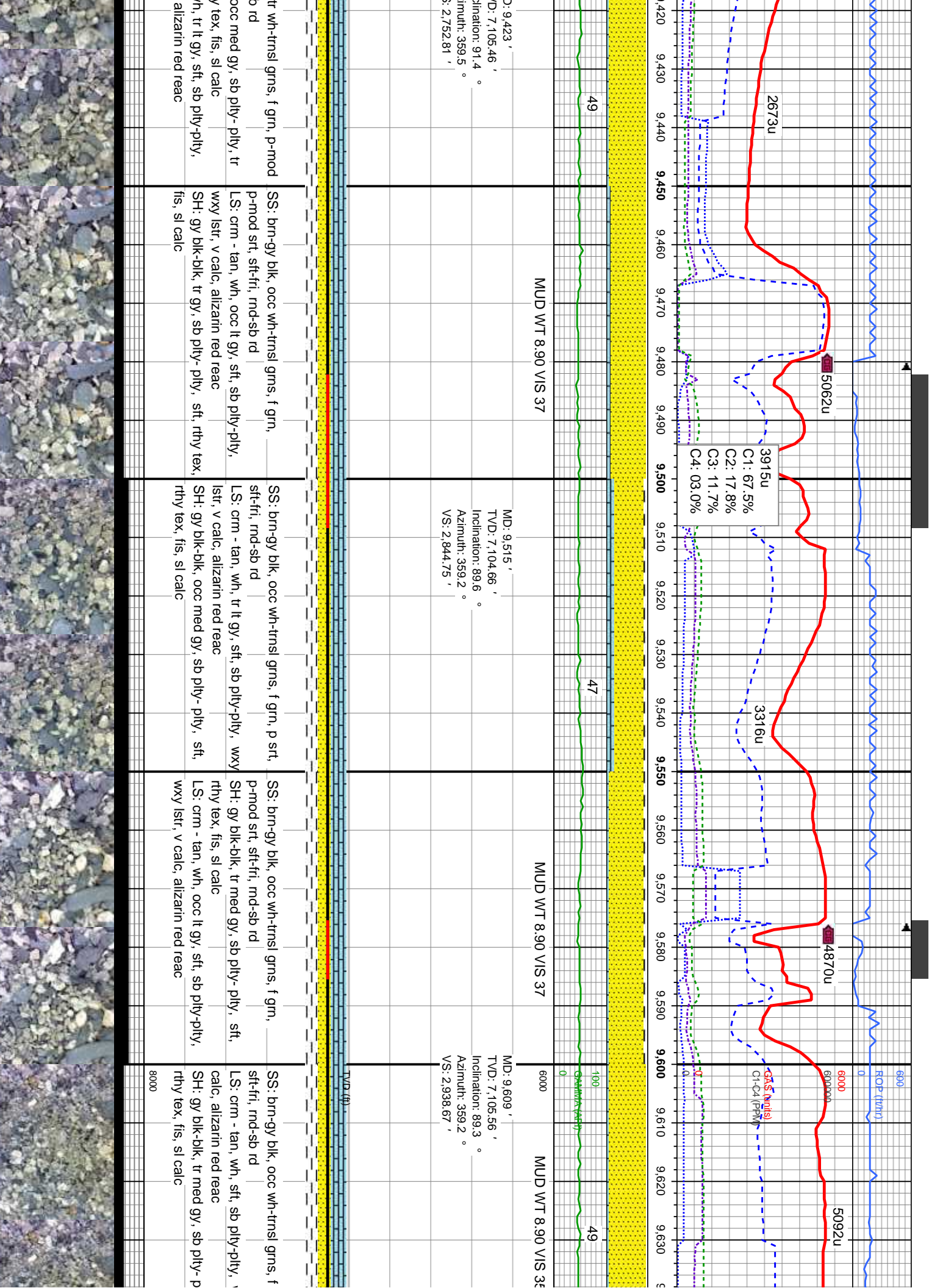
MD: 8.965 ' TVD: 7,099.85 ' Inclination: 86.7 ° Azimuth: 2.3 ° VS: 2,285.05 ' MUD WT 8.80 VIS 34

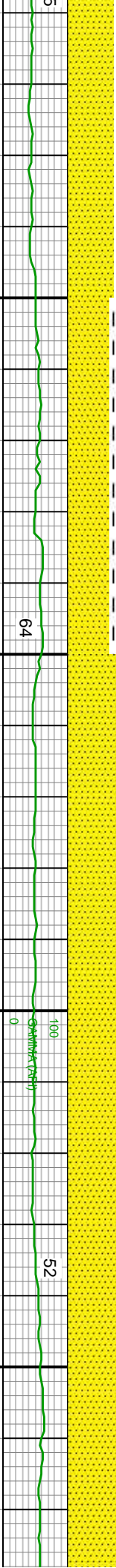
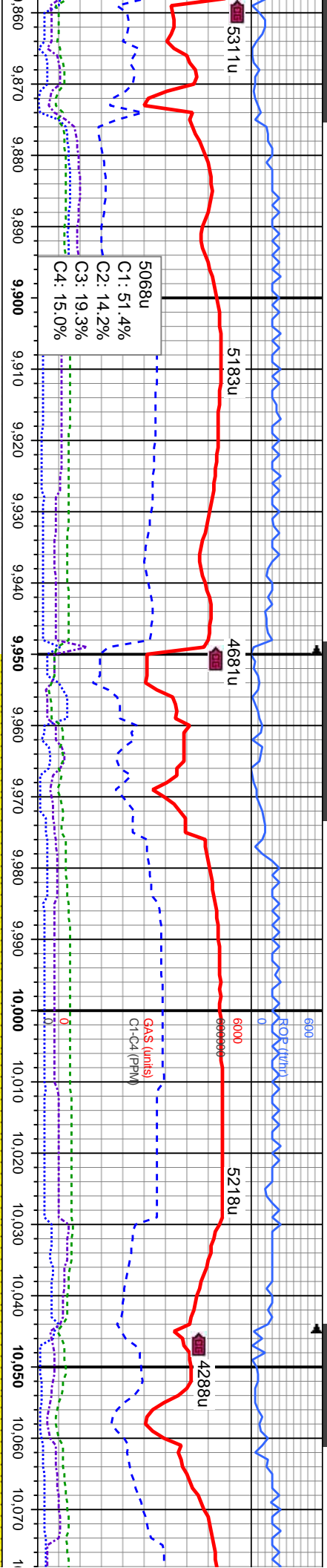
m - tan, occ lt gy-wh, sft, sb pily-pily, tr, v calc, alizarin red reac, tr sh	LS: crm - tan, occ lt gy-wh, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac, tr sh	LS: crm - tan, wh, occ lt gy, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac, tr blk sh	LS: crm - tan, wh, occ lt gy, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac, tr blk sh	LS: crm - tan, wh, occ lt g wxy lstr, v calc, alizarin re SS: brn-gy blk, tr wh-trnsl sft, sft-fr, md-sb rd
8000				







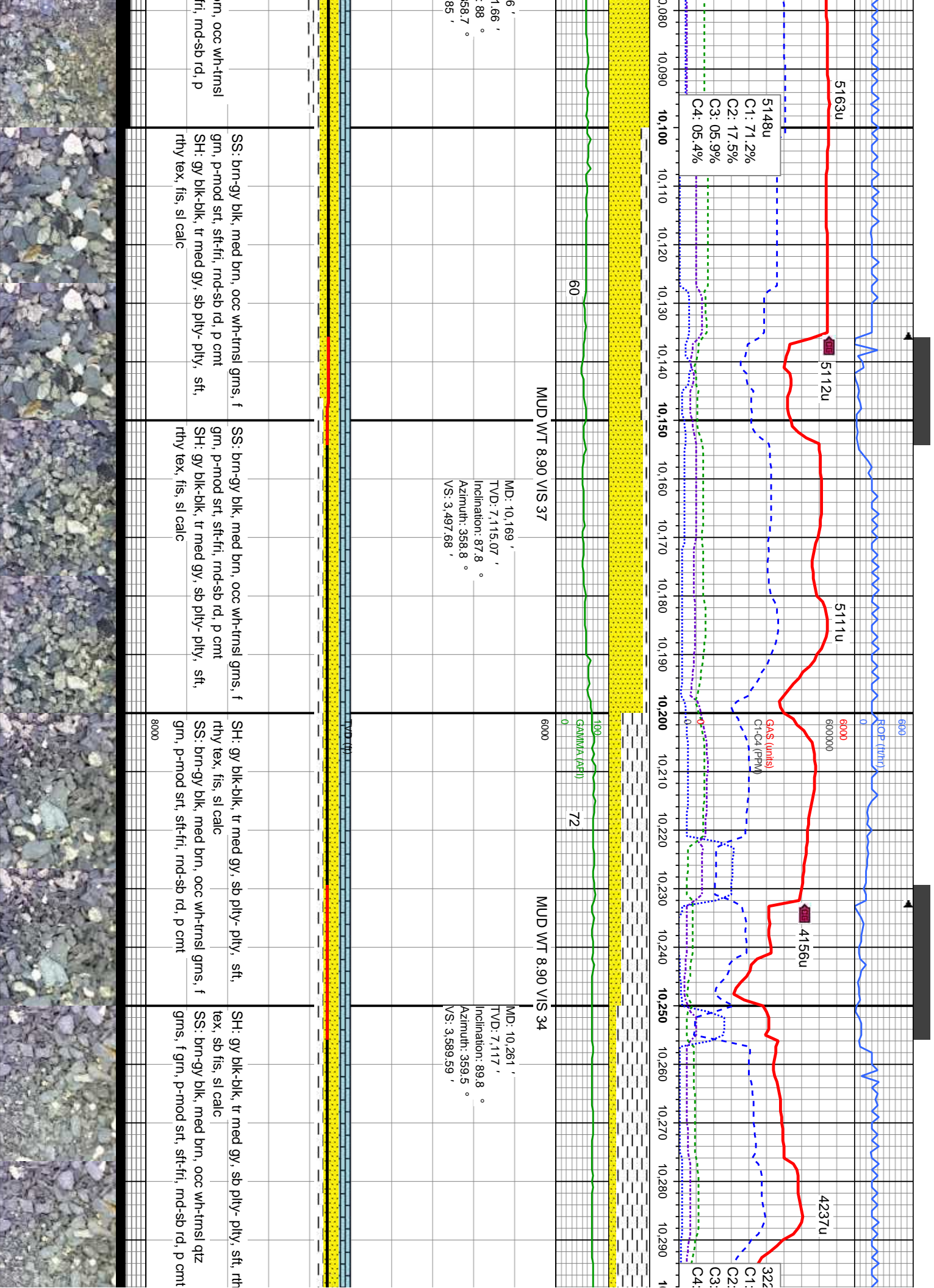


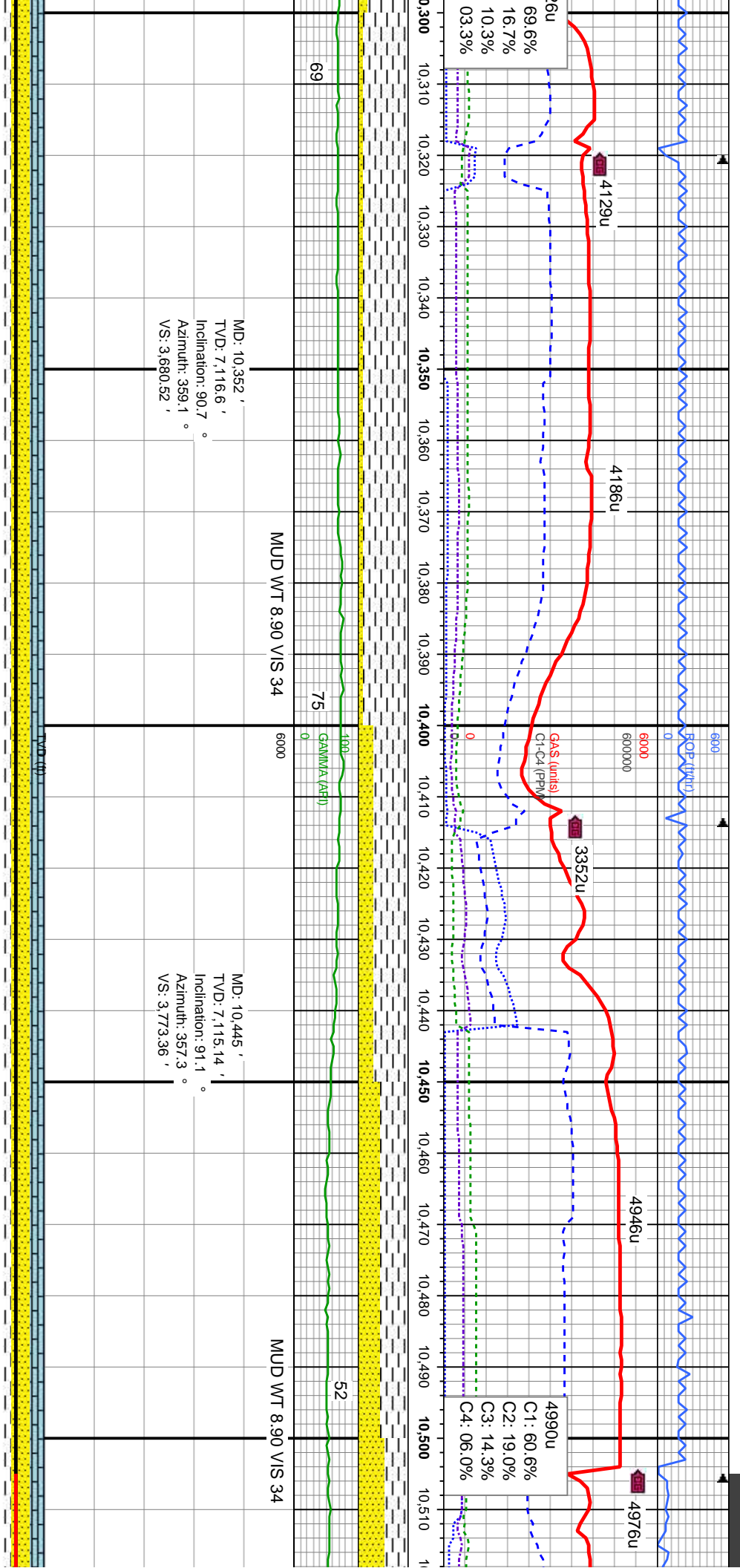


MUD WT 8.90 VIS 37	MD: 9.889 ' TVD: 7,106.86 ' Inclination: 89.5 ° Azimuth: 357.7 ° VS: 3.218.19 '	
MUD WT 8.90 VIS 38	MD: 9.983 ' TVD: 7,108.66 ' Inclination: 88.3 ° Azimuth: 358.5 ° VS: 3.312.01 '	
MUD WT 8.90 VIS 37	MD: 10.07 ' TVD: 7,11 ' Inclination: 88.3 ° Azimuth: 358.5 ° VS: 3.404. '	

n-gy blk, occ med brn, occ wh-tmsl grn, p-mod srt, sft-fri, rnd-sb rd, p	SS: brn-gy blk, occ med brn, occ wh-tmsl grms, f grn, p-mod srt, sft-fri, rnd-sb rd, p cmt Sft: gy blk-blk, tr med gy, pty, sft, rthy tex, fis, sl calc, tr ls	SS: brn-gy blk, occ med brn, occ wh-tmsl grms, f grn, p-mod srt, sft-fri, rnd-sb rd, p cmt Sft: gy blk-blk, tr med gy, pty, sft, rthy tex, fis, sl calc, tr ls	SS: brn-gy blk, occ med brn, occ wh-tmsl grms, f grn, p-mod srt, sft-fri, rnd-sb rd, p cmt Sft: gy blk-blk, tr med gy, pty, sft, rthy tex, fis, sl calc, tr ls
---	---	---	---

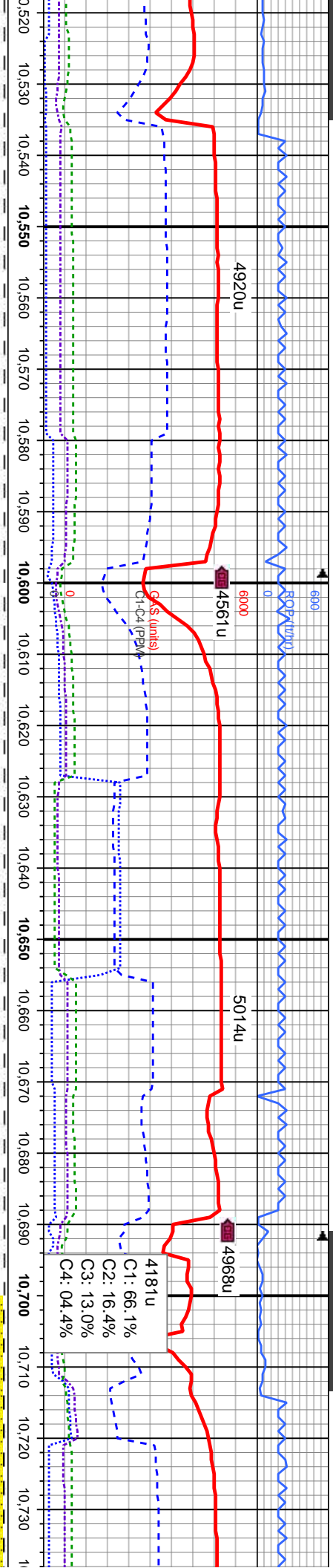






SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy	SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy	SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy	SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy
tex, sb fis, sl calc	tex, sb fis, sl calc	rtly tex, sb fis, sl calc, grdg to-	tex, sb fis, sl calc, grdg to-
SS: brn-gy blk, med brn, occ wh-trnsl qtz	SS: brn-gy blk, occ med brn, occ wh-trnsl qtz	SS: brn-gy blk, med brn, occ wh-trnsl qtz	SS: brn-gy blk, med brn, occ wh-trnsl qtz
grms, f grm, p-mod sft, sft-fri, mnd-sb rd, p cmt	grms, f grm, p-mod sft, sft-fri, mnd-sb rd, p cmt	grms, f grm, p-mod sft, sft-fri, mnd-sb rd, p cmt	grms, f grm, p-mod sft, sft-fri, mnd-sb rd, p cmt





MD: 10,539 '
TVD: 7,114.48 '
Inclination: 89.7 °
Azimuth: 359.2 °
VS: 3,867.21 '

MUD WT 9.00 VIS 34

56

100
GAMMA (API)
0

MD: 10,631 '
TVD: 7,114.24 '
Inclination: 90.6 °
Azimuth: 358.8 °
VS: 3,959.12 '

MUD WT 9.00 VIS 34

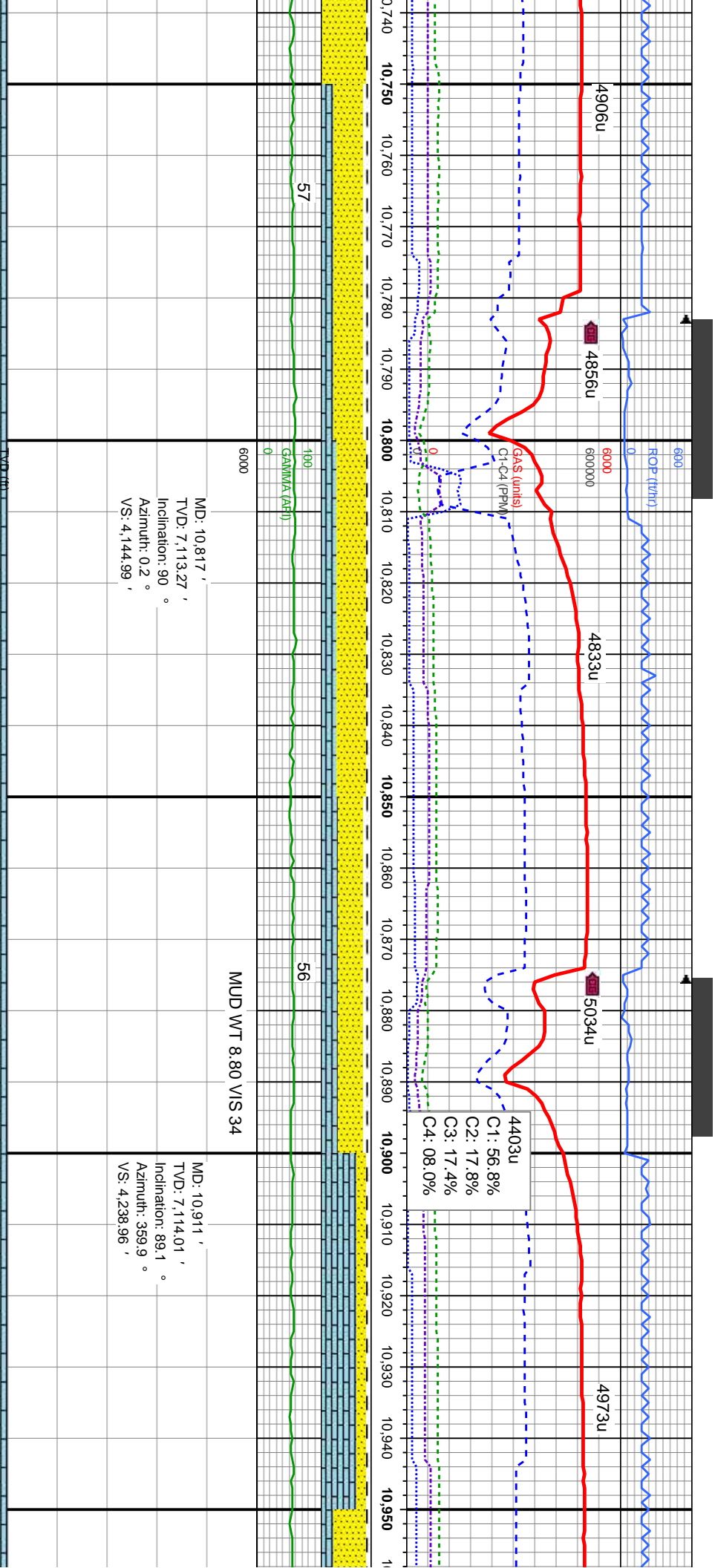
55

4181u
C1: 66.1%
C2: 16.4%
C3: 13.0%
C4: 04.4%

MD: 10,723 '
TVD: 7,113.52 '
Inclination: 90.3 °
Azimuth: 359.1 °
VS: 4,051.04 '

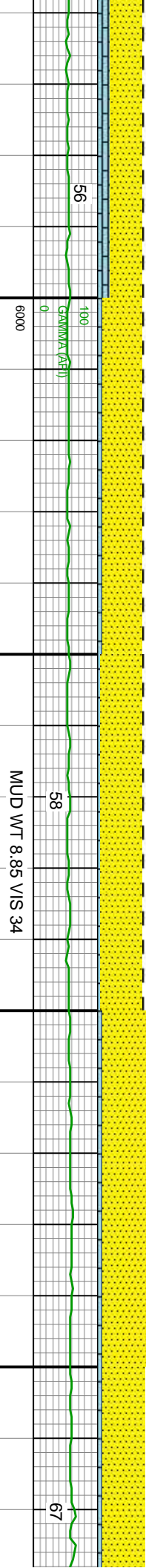
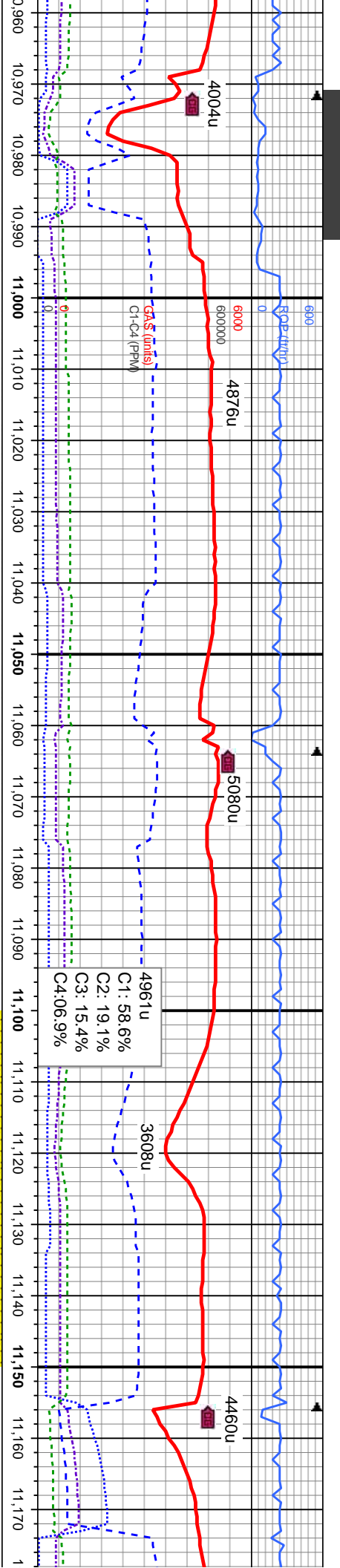
med brn, occ wh qtz grms, f sft-frt, rnd-sb rd, p cmt r med gy, sb pily- pily, sft, sl calc	SS: brn-gy blk, med brn, occ wh qtz grms, f grn, p-mod srt, sft-frt, rnd-sb rd, p cmt SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy tex, sb fis, sl calc	SS: brn-gy blk, med brn, occ wh qtz grms, f grn, p-mod srt, sft-frt, rnd-sb rd, p cmt SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy tex, sb fis, tr pyr sl calc	SS: brn-gy blk, med brn, occ wh qtz grms, f grn, p-mod srt, sft-frt, rnd-sb rd, p cmt SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy tex, sb fis, sl calc	SS: brn-gy blk, med brn, occ wh qtz grms, f p-mod srt, sft-frt, md-sb rd, ply cmt uncons SH: gy blk-blk, tr med gy, sb pily- p rthy tex, sb fis, sl calc
--	---	--	---	--





SS: brn-gy blk, med brn, occ wh grns, f gm, p-mod srt, sft-frt, md-sb rd, ply cmtid, sl unconc	SS: brn-gy blk, med brn, tr wh grns, f gm, p-mod srt, sft-frt, md-sb rd, ply cmtid, sl unconc	SS: brn-gy blk, med brn, tr wh grns, f gm, p srt, sft-frt, md-sb rd, ply cmtid, sl unconc	SS: brn-gy blk, med brn, f gm, p-mod srt, sft-frt, md-sb rd, ply cmtid, sl unconc
LS: crm - wh, sft, sb pty-pty, wxy lstr, v calc, alizarin red reac	LS: crm - wh, tr lt gy, sft, sb pty-pty, wxy lstr, v calc, alizarin red reac	LS: crm - wh, sft, sb pty-pty, wxy lstr, v calc, alizarin red reac	LS: crm - wh, occ lt gy, sft, sb pty-pty, wxy lstr, v calc, alizarin red reac
SH: gy blk-blk, tr med gy, sb pty- pty, sft, rthy tex, sb fis, sl calc	SH: gy blk-blk, occ med gy, sb pty- pty, sft, rthy tex, sb fis, sl calc	SH: gy blk-blk, tr med gy, sb pty- pty, sft, rthy tex, sb fis, sl calc	SH: gy blk-blk, occ med gy, sb pty- pty, sft, rthy tex, sb fis, sl calc



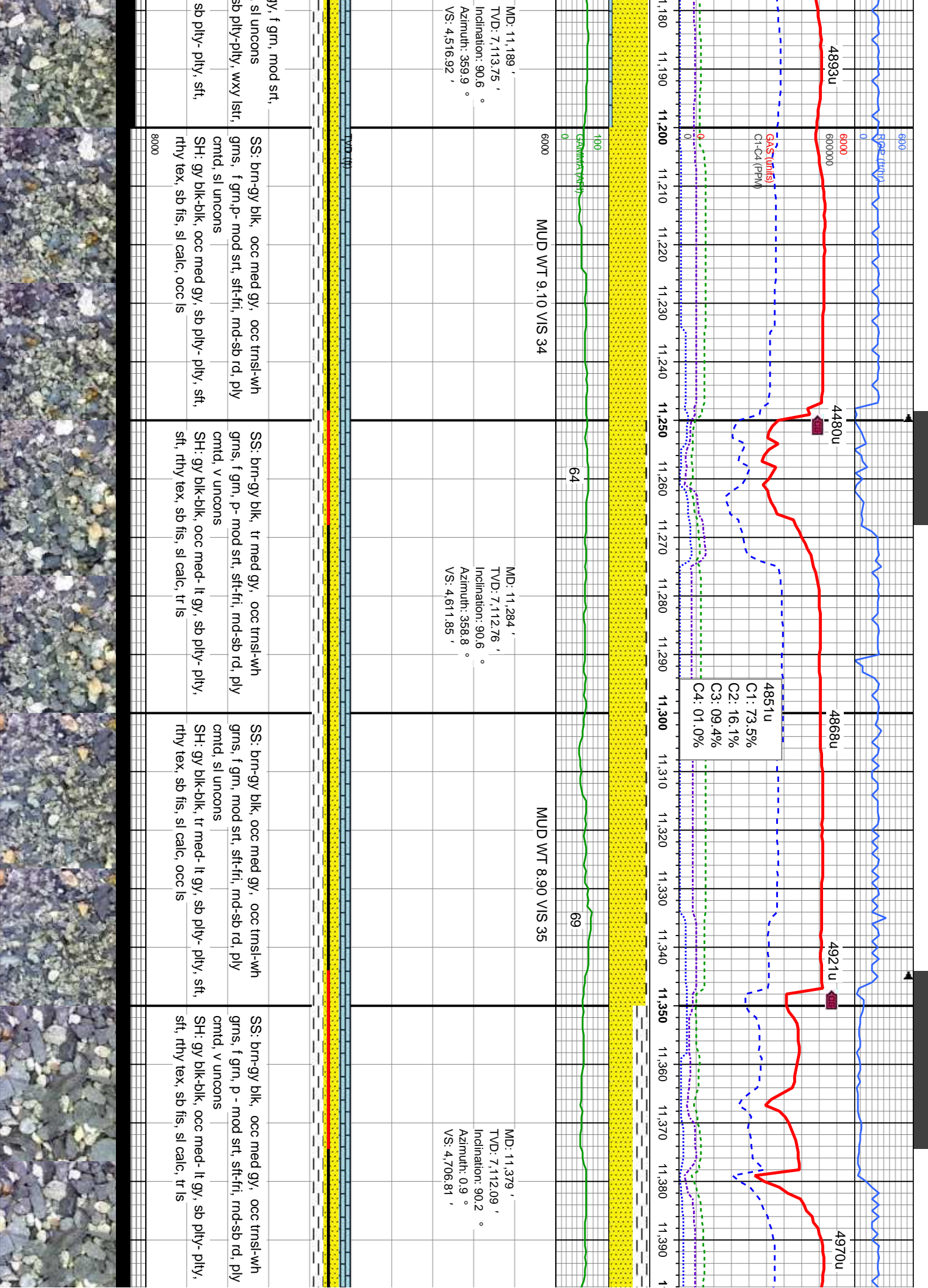


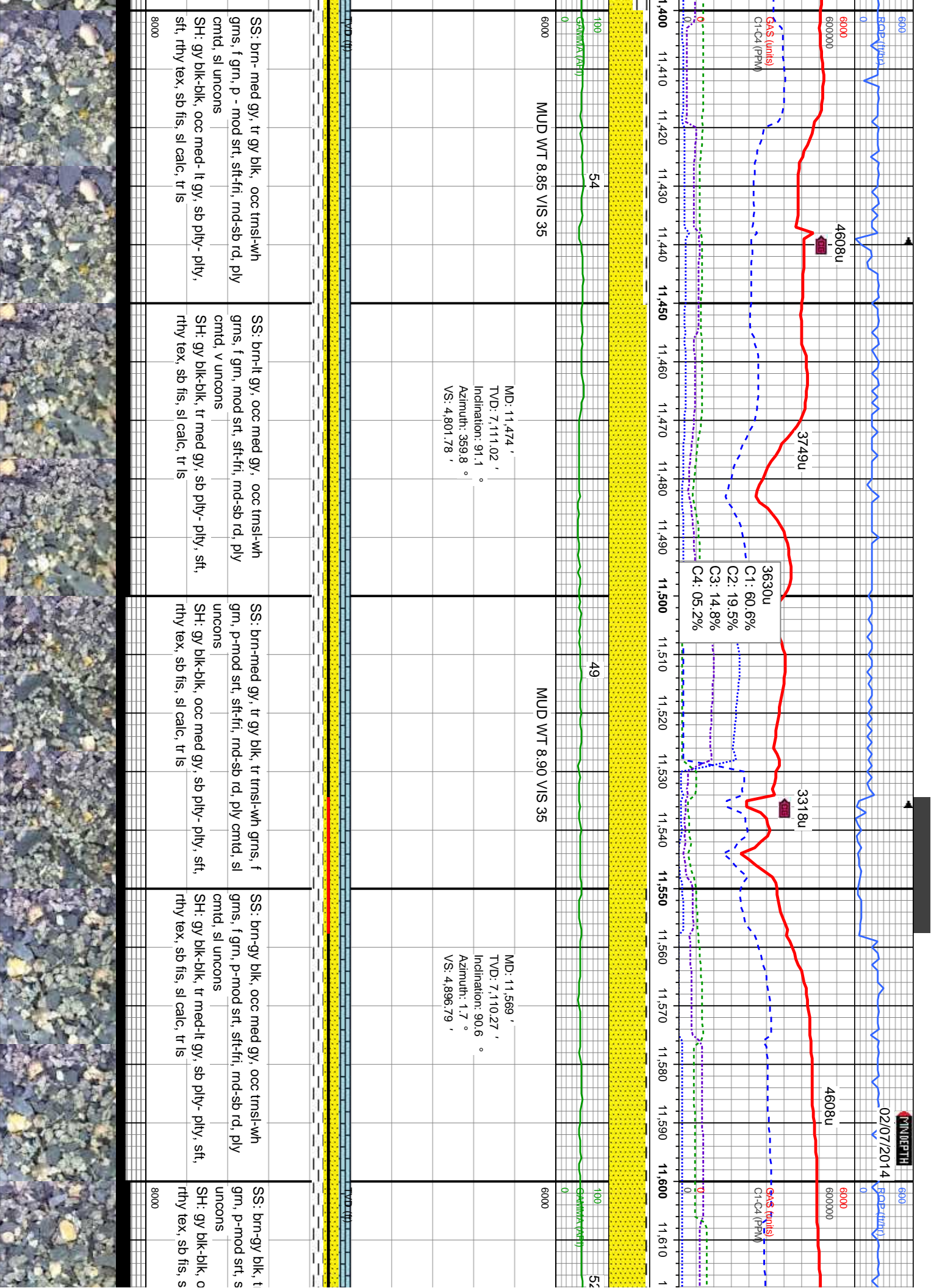
MD: 11,003 '
TVD: 7,114.89 '
Inclination: 89.8 °
Azimuth: 1.9 °
VS: 4,330.94 '

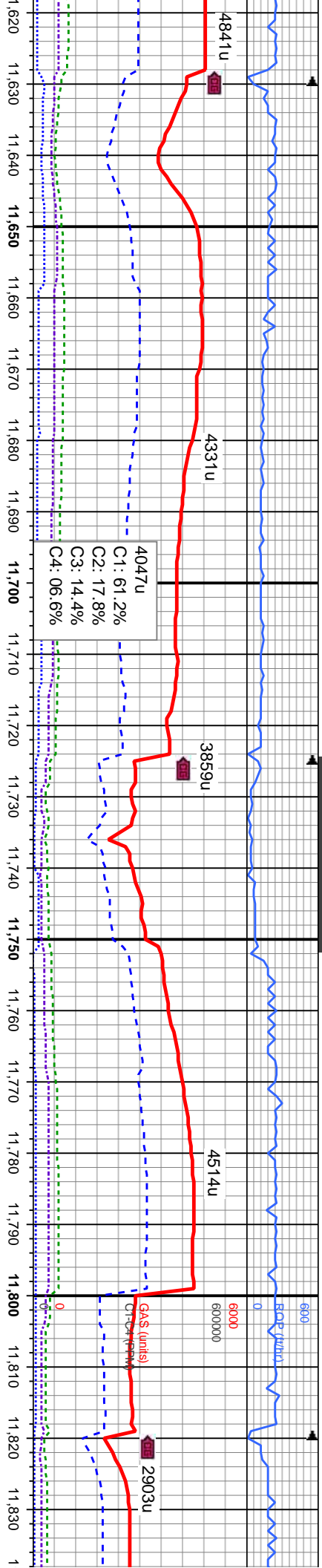
MD: 11,095 '
TVD: 7,114.65 '
Inclination: 90.5 °
Azimuth: 0.9 °
VS: 4,422.94 '

- gy blk, med brn, tr wh grns, f grn, sft-fri, md-sb rd, ply cmtid, sl	SS: brn-gy blk, med brn, f grn, p-mod srt, sft-fri, md-sb rd, ply cmtid, sl uncons	SS: brn-gy blk, med brn, tr wh gms, f grn, p-mod srt, sft-fri, md-sb rd, ply cmtid, v uncons	SS: brn-gy blk, med brn, f grn, p-mod srt, sft-fri, md-sb rd, ply cmtid, sl uncons, tr sh
- wh, occ lt gy, sft, sb pily-pily, wxy	LS: crm - wh, tr lt gy, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac	SH: gy blk-blk, occ med gy, sb pily- pily, sft, rthy tex, sb fis, sl calc	LS: crm - wh, tr lt gy, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac
blk-blk, tr med gy, sb pily- pily, sft,	SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy tex, sb fis, sl calc	LS: crm - wh, tr lt gy, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac	SH: gy blk-blk, tr med gy, sb pily-pily, wxy lstr, v calc, alizarin red reac
g, sb fis, sl calc	rthy tex, sb fis, sl calc		rthy tex, sb fis, sl calc









MD: 11,664 '
TVD: 7,108.94 '
Inclination: 91 °
Azimuth: 359.9 °
VS: 4,991.77 '

MUD WT 8.90 VIS 35

MD: 11,759 '
TVD: 7,109.44 '
Inclination: 88.4 °
Azimuth: 0.7 °
VS: 5,086.75 '

MUD WT 8.80 VIS 36

med gy, tr trnsl-wh grms, f
ft-fri, md-sb rd, ply cmtd, sl

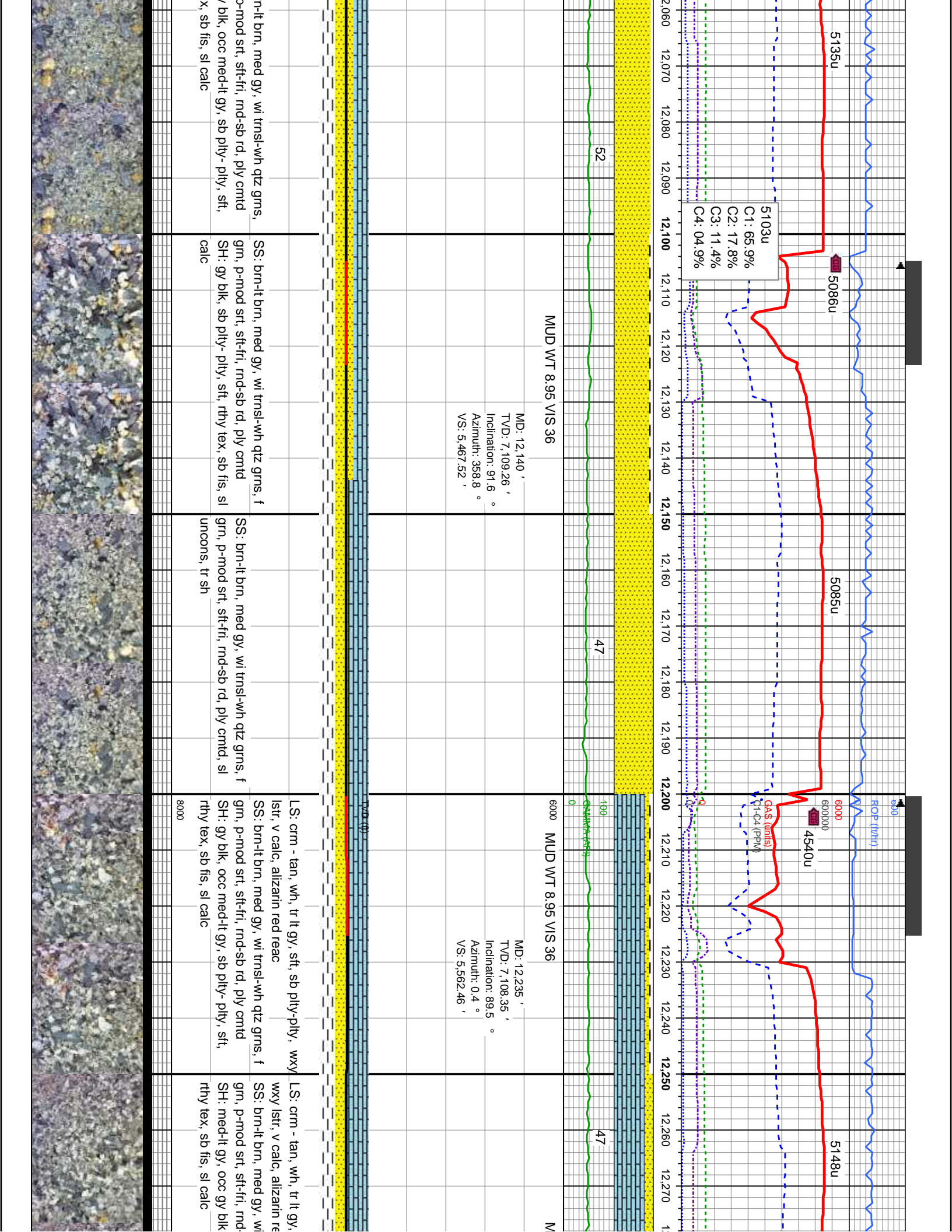
SS: brn-gy blk, occ med gy, occ tmsl-wh
grms, f grn, p-mod srt, sft-fri, md-sb rd, ply
cmtd, sl uncons
SH: gy blk-blk, tr med-it gy, sb ply- ply, sft,
rthy tex, sb fis, sl calc, tr ls

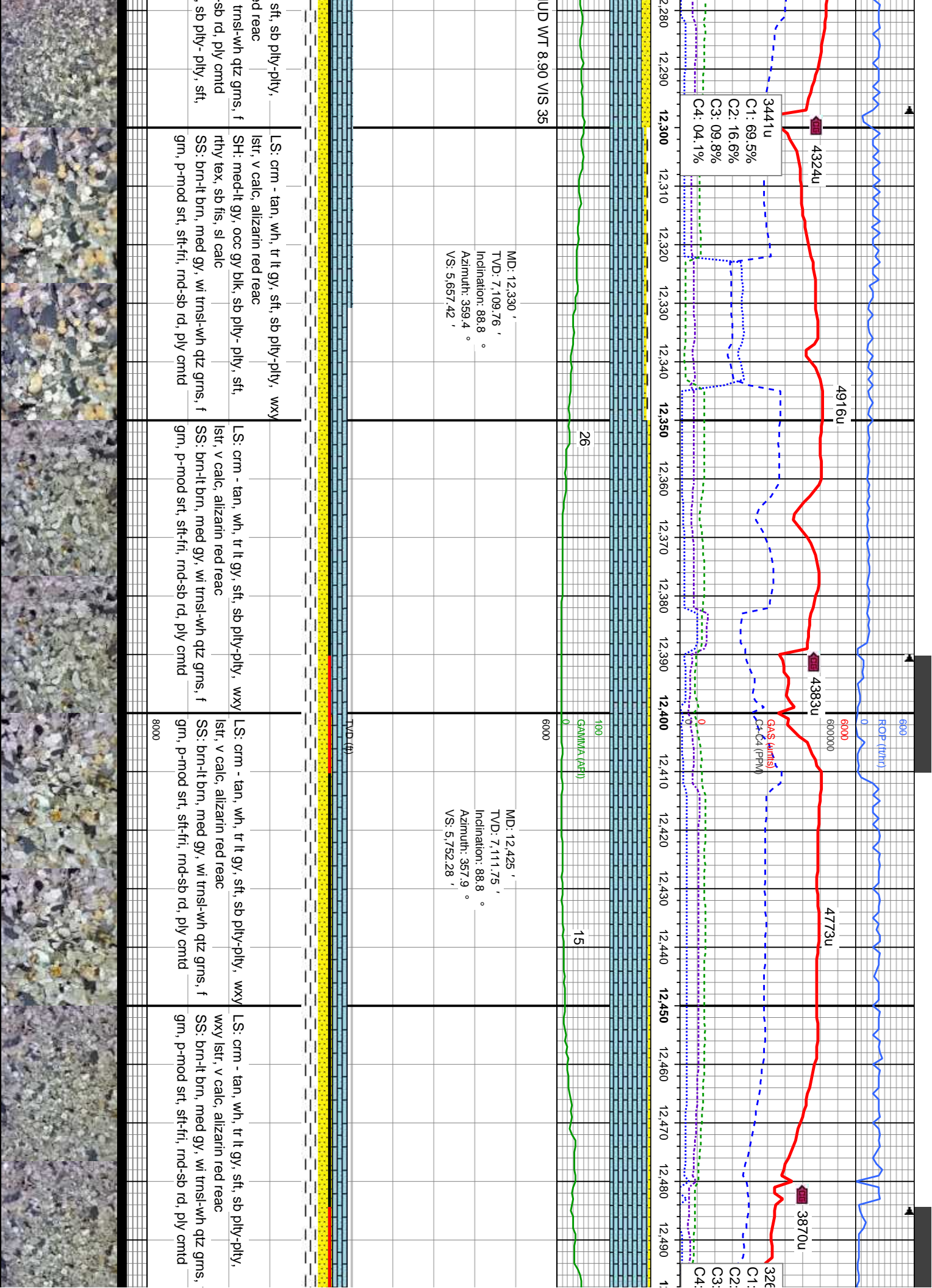
SS: brn-it brn, occ med brn, tr wh grms, f grn,
p-mod srt, sft-fri, md-sb rd, ply cmtd, sl
uncons
LS: crm - wh, occ lt gy, sft, sb ply-ply, wxy
lstr, v calc, alizarin red reac
SH: gy blk-blk, occ med gy, sb ply- ply, sft,
rthy tex, sb fis, sl calc

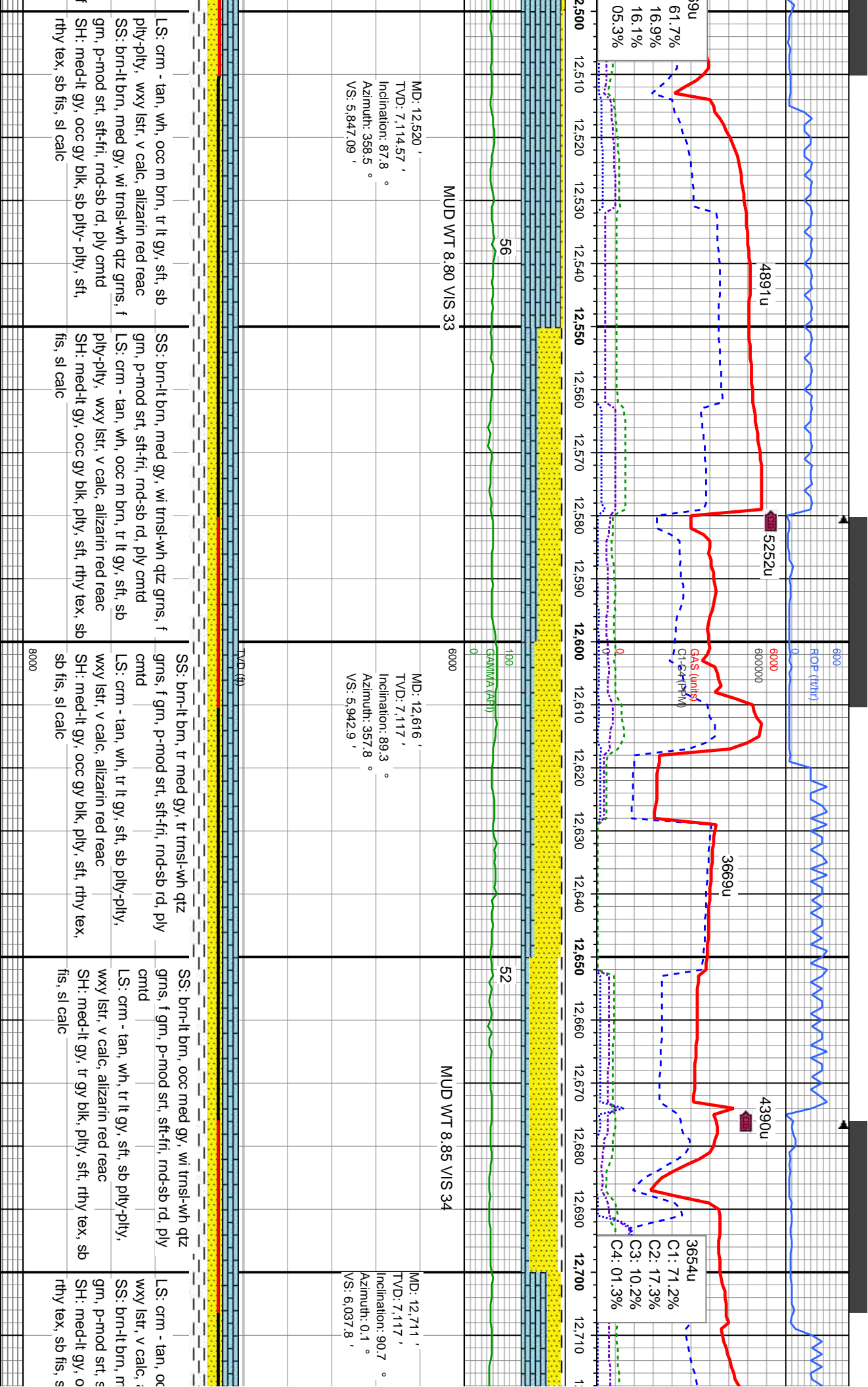
SS: brn-it brn, occ med gy, occ tmsl-wh
grms, f grn, p-mod srt, sft-fri, md-sb rd, ply
cmtd, sl uncons
SH: gy blk, occ med-it gy, sb ply- ply, sft,
rthy tex, sb fis, sl calc

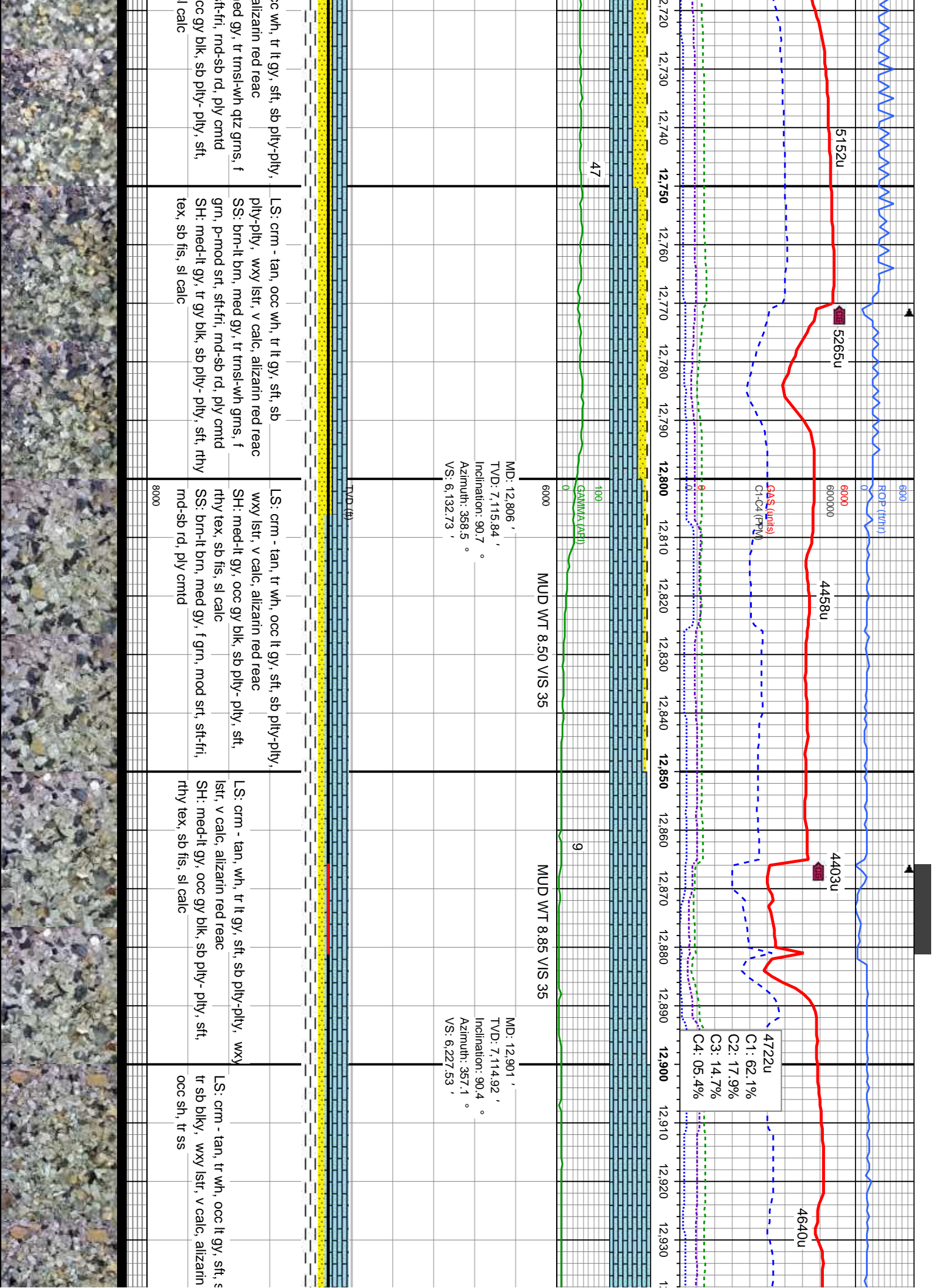
SS: brn-it brn, occ med gy, occ tmsl-wh
grms, f grn, p-mod srt, sft-fri, md-sb
cmtd, sl uncons
SH: gy blk, occ med-it gy, sb ply- f
rthy tex, sb fis, sl calc

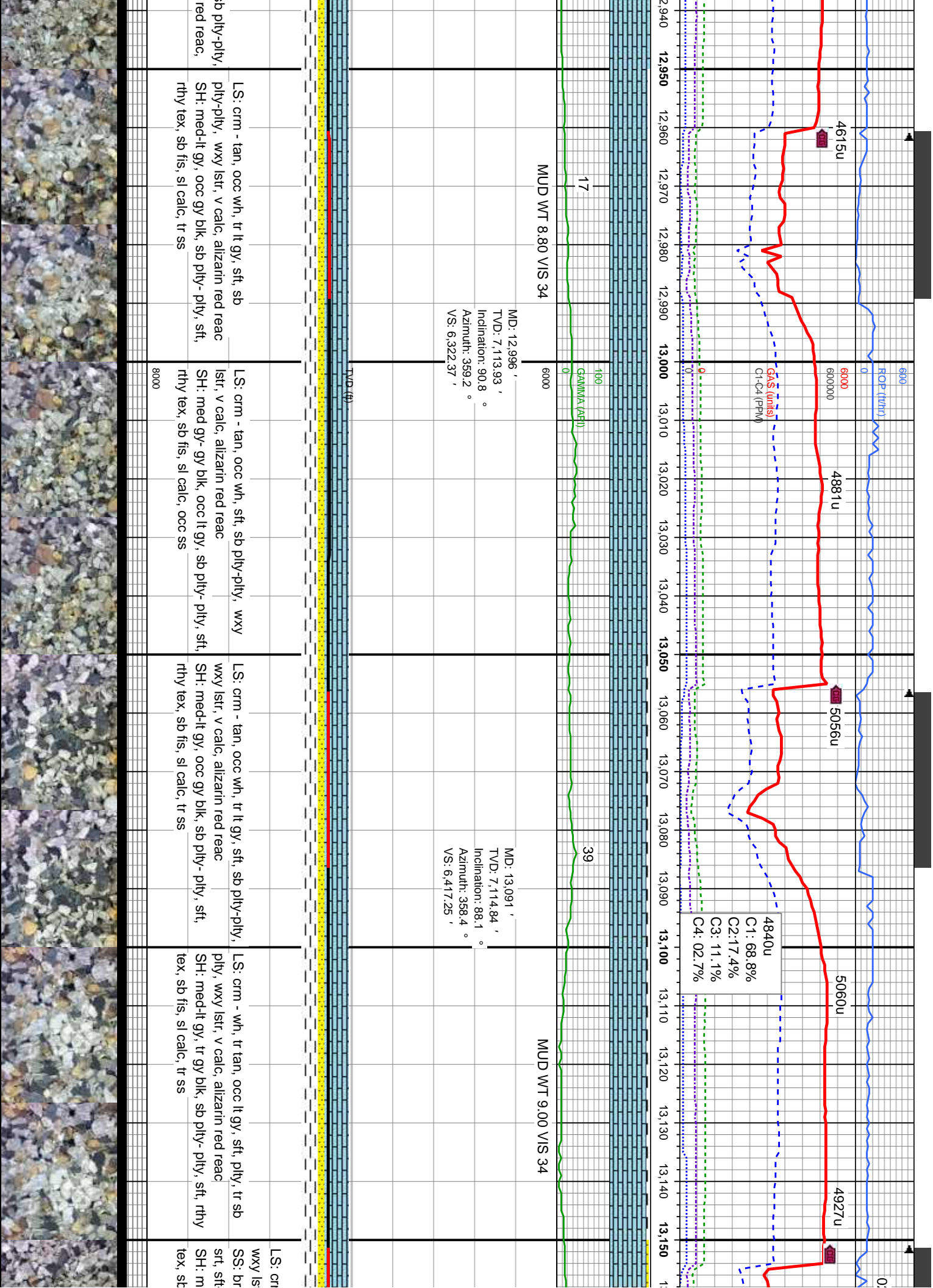


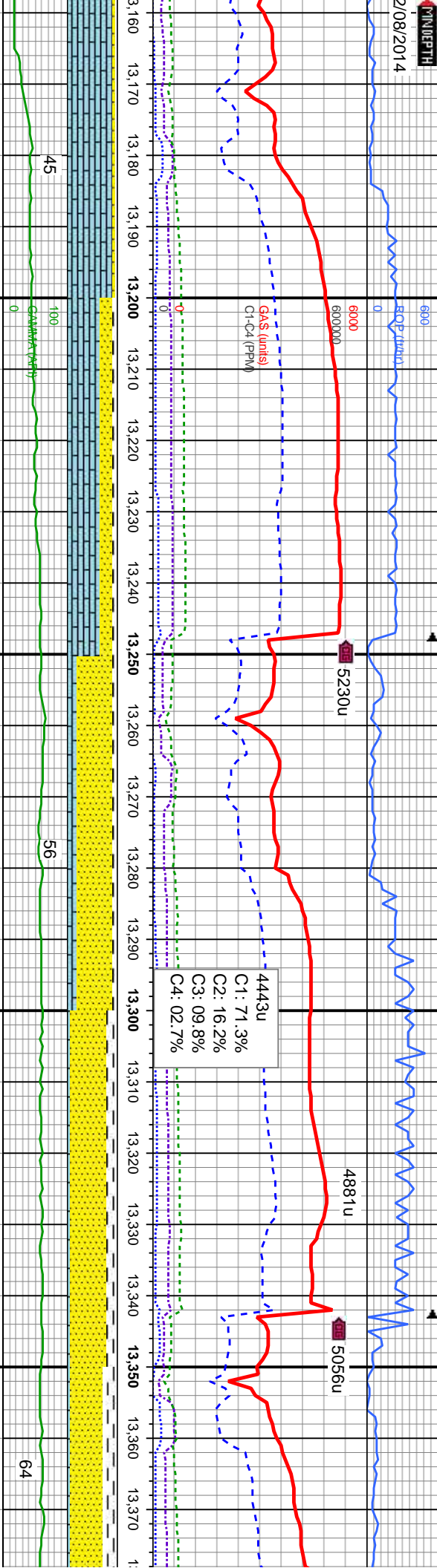






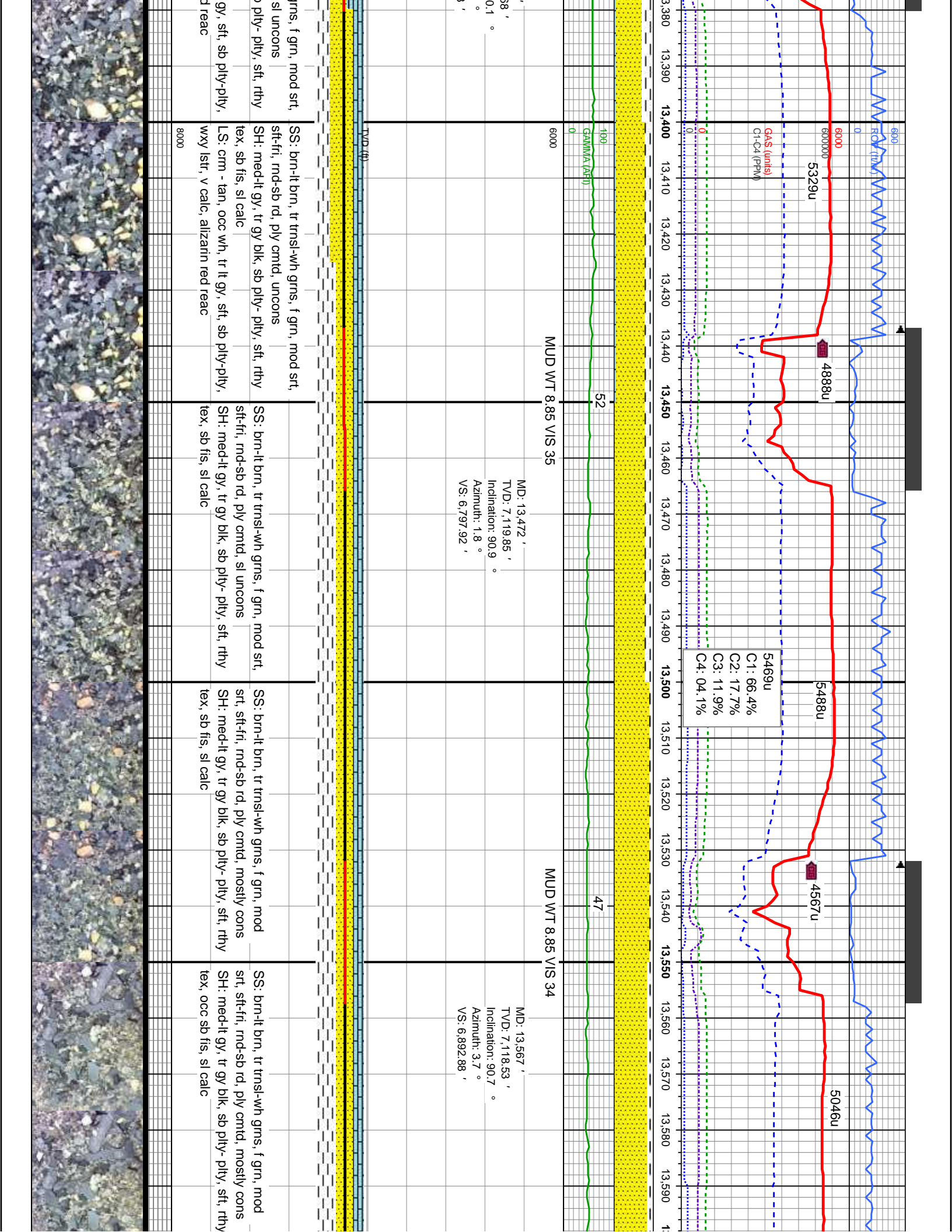


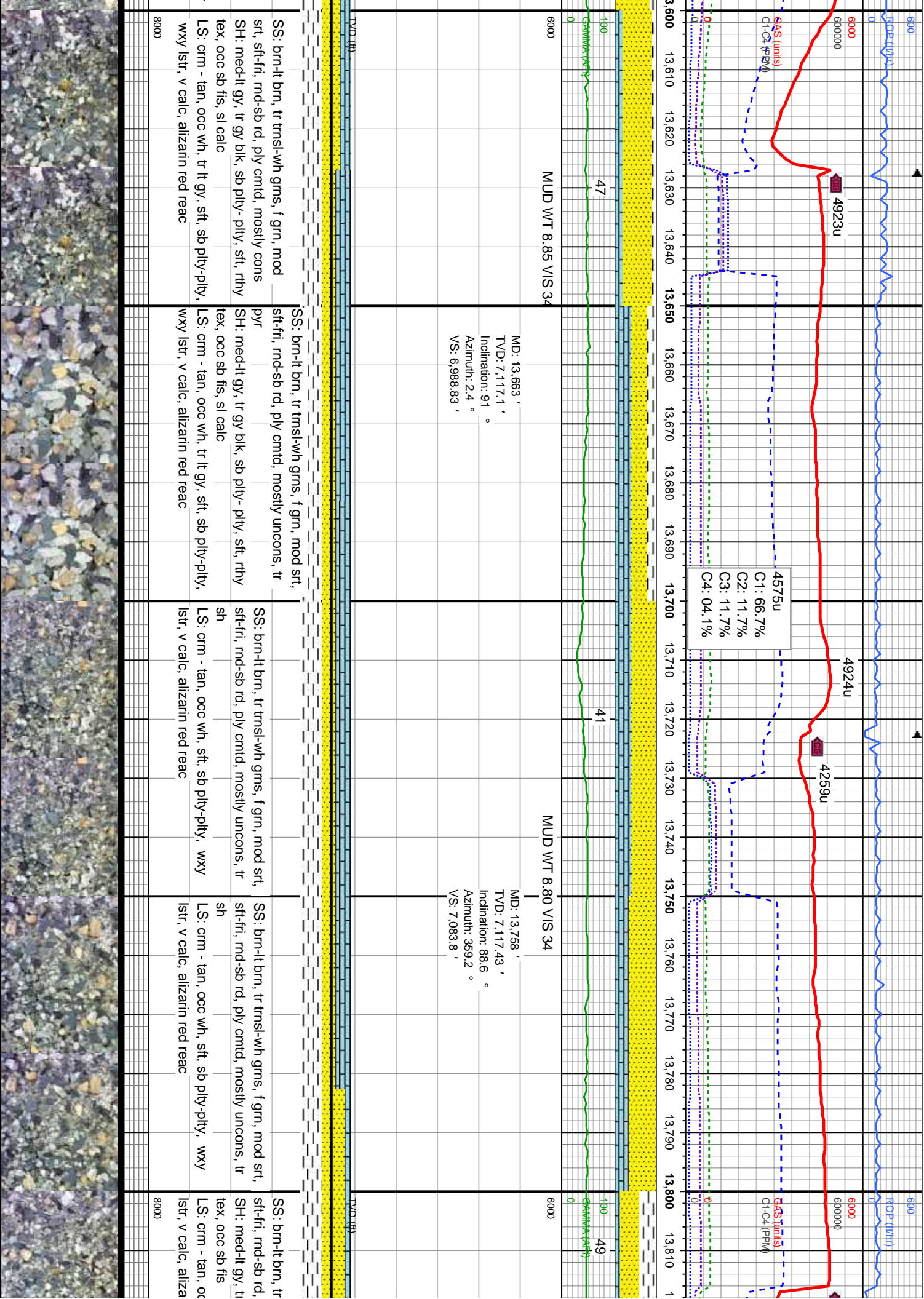


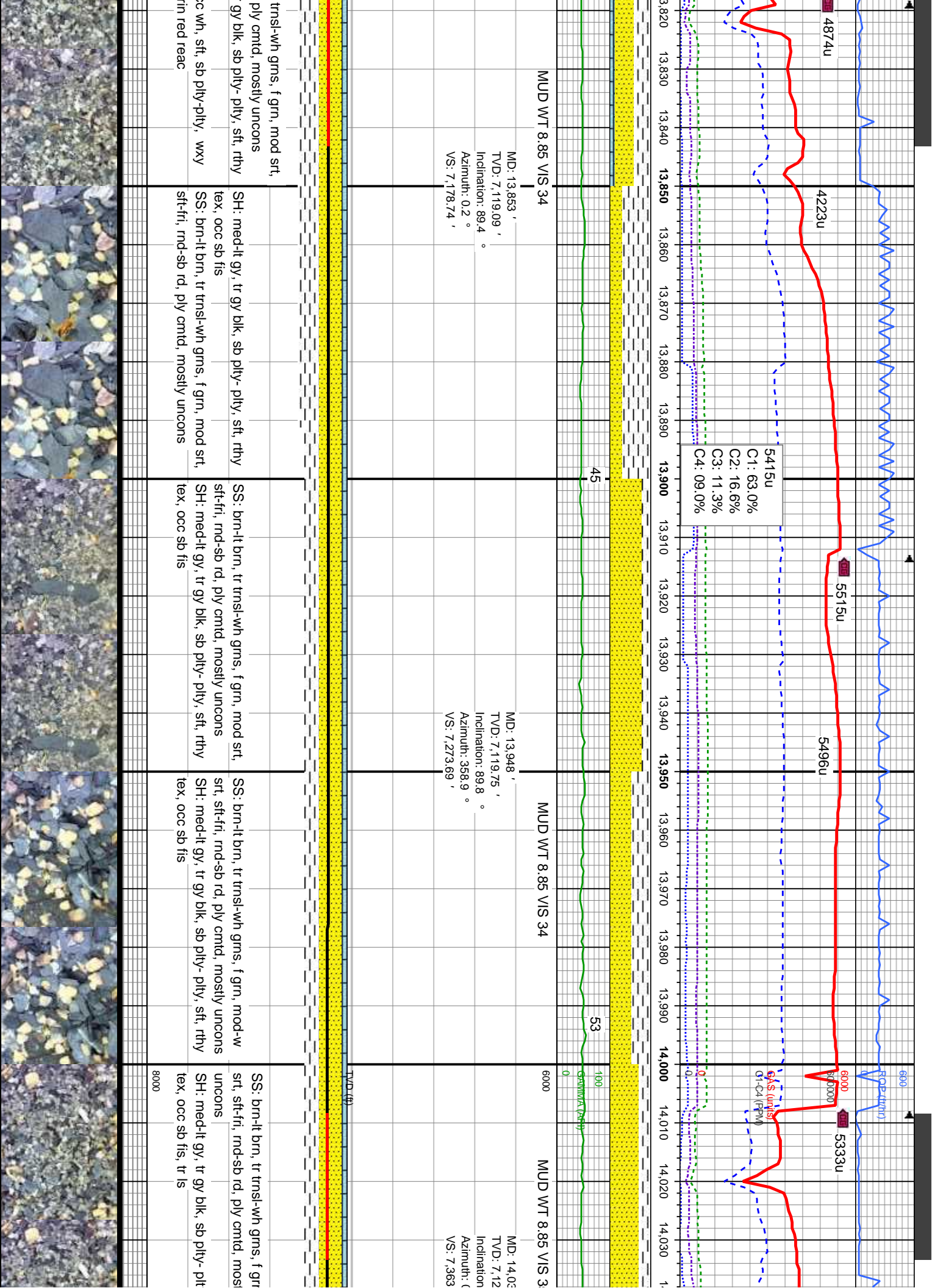


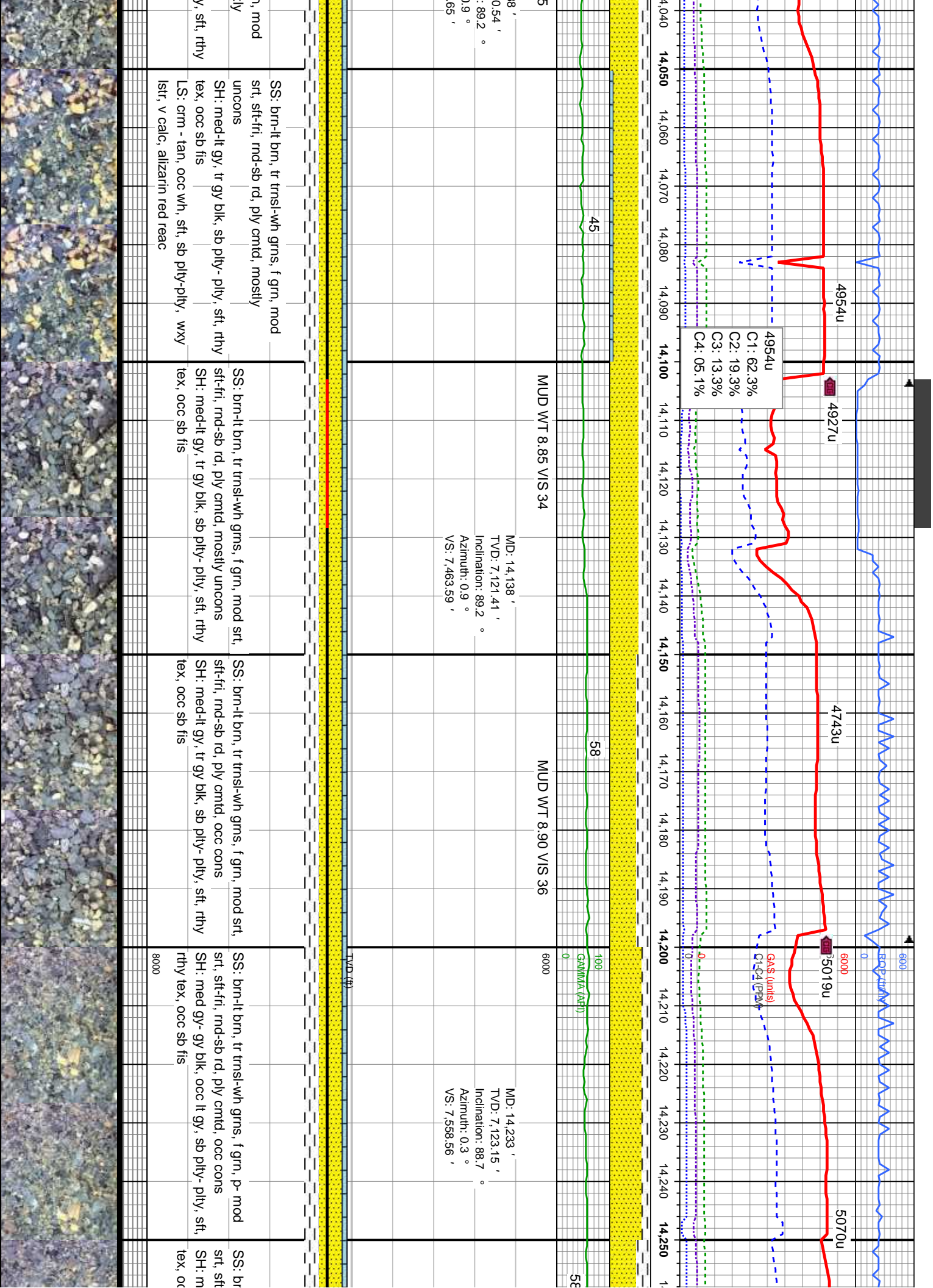
MD: 13.187 ' TVD: 7,118.61 ' Inclination: 87.4 ° Azimuth: 359.1 ° VS: 6.513.07 '		MUD WT 9.00 VIS 33	MUD WT 8.80 VIS 34	MUD WT 8.85 VIS 35	MD: 13.377 ' TVD: 7,120.6 ' Inclination: 9 ° Azimuth: 0.7 ° VS: 6.702.93 '
L.S: crm - tan, occ wh, tr lt gy, sft, sb pily-pty, wxy lst, v calc, alizarin red reac		SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons	SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons	SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons	SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons
SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc		SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc	SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc	SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc	SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc
L.S: crm - tan, occ wh, tr lt gy, sft, sb pily-pty, wxy lst, v calc, alizarin red reac		SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons	SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons	SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons	SS: brn-lt brn, tr trns-l-wh grms, f grn, mod srt, sft-fri, rnd-sb rd, ply cmt, uncons
SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc		SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc	SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc	SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc	SH: med-lt gy, tr gy blk, sb pily-pty, sft, rthy tex, sb fis, sl calc

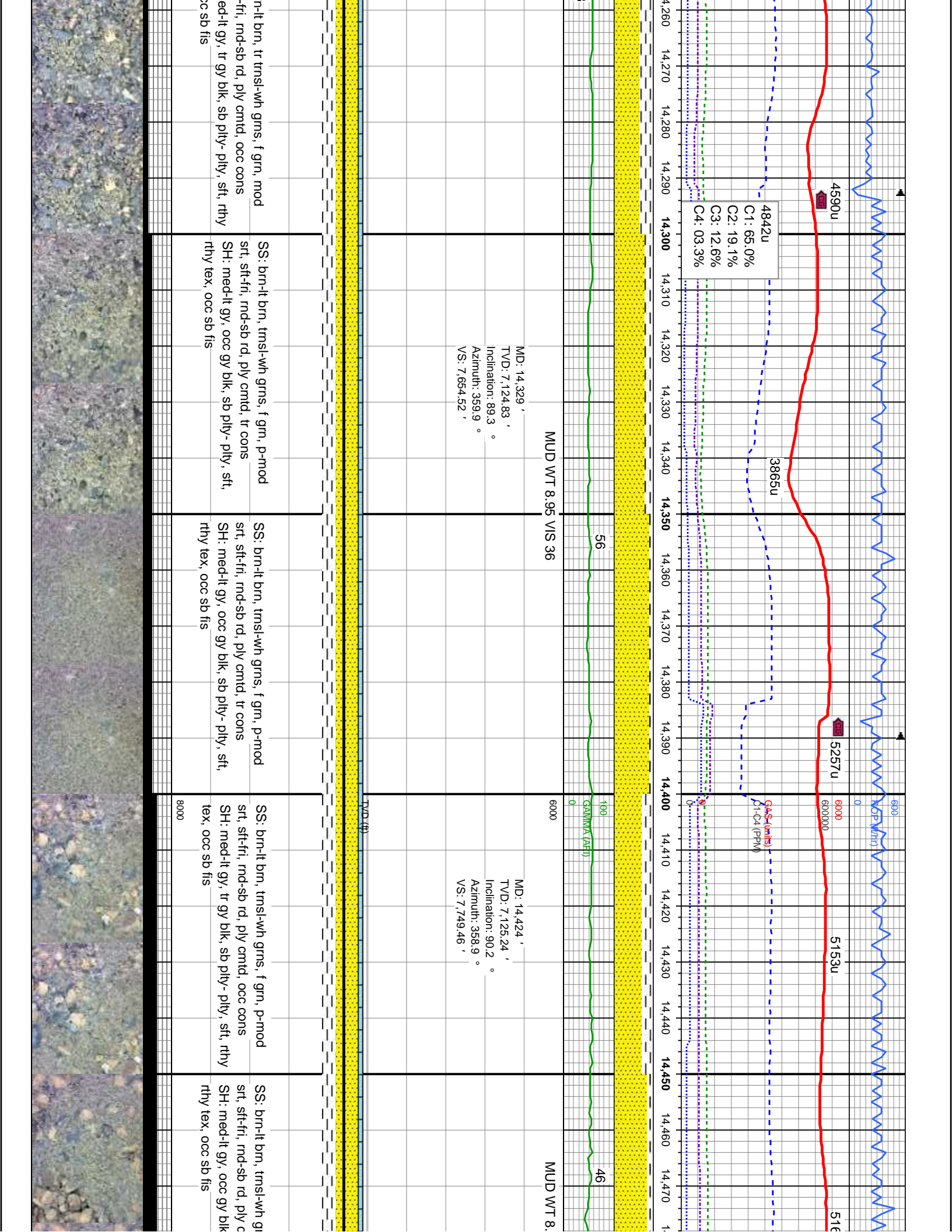


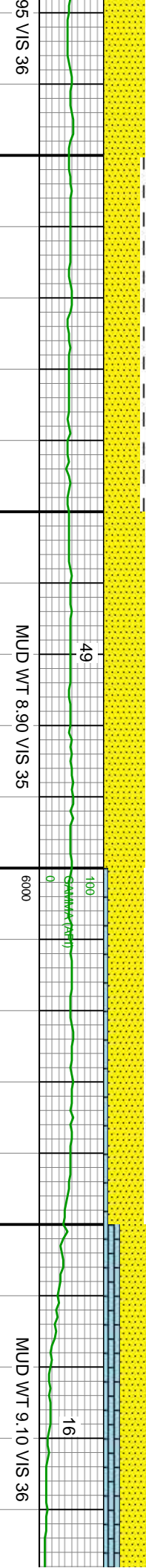
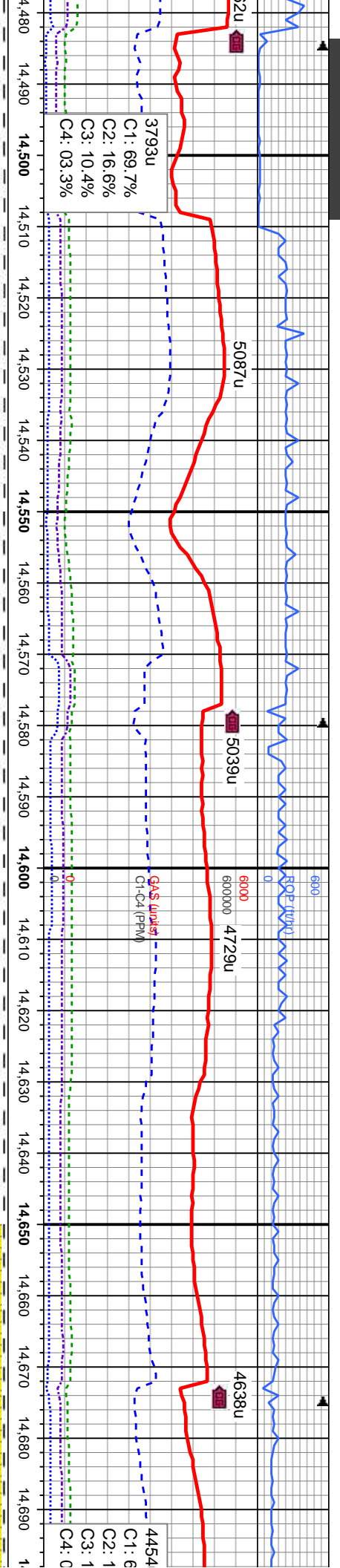












MD: 14,519 '
TVD: 7,124.41 '
Inclination: 90.8 °
Azimuth: 359.3 °
VS: 7,844.38 '

MUD WT 8.90 VIS 35

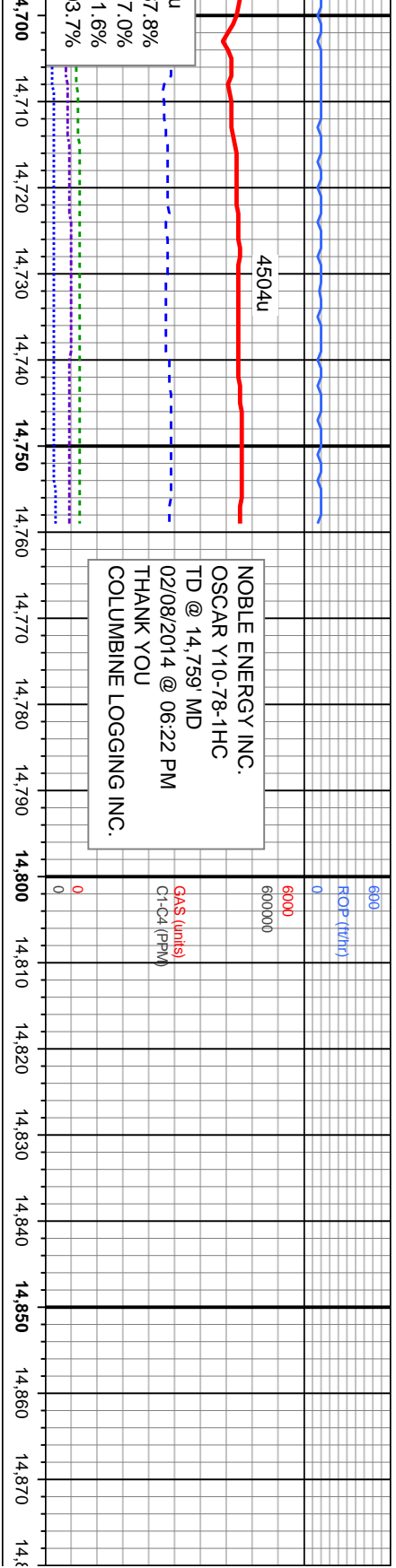
MD: 14,614 '
TVD: 7,122.59 '
Inclination: 91.4 °
Azimuth: 358.5 °
VS: 7,939.27 '

MUD WT 9.10 VIS 36

MD: 14,6
TVD: 7.1
Inclination:
Azimuth:
VS: 8.02

SS: brn-lt brn, trnsl-wh grns, f grn, p-mod srt, sft-frt, md-sb rd, ply cmtd, occ cons SH: med-lt gy, occ gy blk, sb pily- pily, sft, rthy tex, occ sb fis	SS: brn-lt brn, trnsl-wh grns, f grn, p-mod srt, sft-frt, md-sb rd, ply cmtd, v uncons SH: med-lt gy, tr gy blk, sb pily- pily, sft, rthy tex, occ sb fis	SS: brn-ly blk, occ med gy, f grn, p-mod srt, sft-frt, md-sb rd, ply cmtd, sl uncons SH: gy blk-blk, tr med gy, sb pily- pily, sft, rthy tex, sb fis, sl calc LS: crm - wh, tr lt gy, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac	SS: brn-lt brn, trnsl-wh grns, f grn, p-mod sft-frt, rnd-sb rd, ply cmtd, sl uncons LS: crm - wh, occ lt gy, sft, sb pily-pily, wxy lstr, v calc, alizarin red reac SH: gy blk-blk, occ med gy, sb pily- pily, sft, rthy tex, sb fis, sl calc
---	--	---	--





<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
--	--	--	--	--	--	--	--	--	--

