



Scale: 5" / 100'  
Measured Depth Log

**Well Name** Raindance FC 26-369HC

**Location** NENE SEC 30 T6N R67W

**State** COLORADO

**County** WELD

**Country** USA

**Rig Number** PRECISION 460

**API Number** 05-123-45007-0000

**AFE #** 17DC0060

**Geographic Region** DJ BASIN

**Field** WATTENBERG

**Spud Date** 9/1/2017

**Drilling Completed** 9/4/2017

**Ground Elevation** 4789'

**K.B. Elevation** 4809'

**Logged Interval** 6000 To 20475'

**Total Depth** 20475'

**Formation** CODELL

**Type of Drilling Fluid** OIL BASED MUD

## Operator

**Company** Great Western Oil and Gas

**Address** 1801 Broadway, Ste 500  
Denver, CO 80202



## Geologist

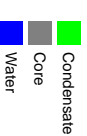
**Name** Gabriel Rubio & Mark Sowinski

**Company** Terra Guidance

**Address** 1298 O Road  
Loma CO 81524  
(970) 260-5408



## Color Coding



Rock Types

	LIMESTONE		SANDSTONE		DOLOMITE		BRECCIA
	Chalk		BENTONITE		CHELT		TILL
	Marl		CEMENT		COAL		TUFF
	SHALE		UNKNOWN		MARLSTONE		IGNEOUS
	Silty Shale		ANHYDRITE		CLAYSTONE		METAMORPHIC
	Shaly Siltstone		GYPSUM		SHALE GRAY		
	SILTSTONE		SALT		SHALE COLORED		
	Shaly Sandstone		SIDERITE or LIMONITE		CONGLOMERATE		

Accessories

	F FOSSIL		ARGILLACEOUS		GLAUCONITE
	GASTROPOD		ARGILLITE GRAIN		GYPSIFEROUS
	ALGAE		OOLITE		HEAVY MINERAL
	AMPHIPORA		OSTRACOD		BITUMENOUS SUBSTANCE
	BELEMNITE		PELECYPOD		BRECCIA FRAGMENTS
	BIOCLASTIC		PELLET		CALCAREOUS
	BRACHIOPOD		PISOLUTE		CARBONACEOUS FLAKES
	BRYOZOA		PLANT REMAINS		CHERT
	CEPHALOPOD		PLANT SPORES		CHERT
	CORAL		SCAPHOPOD		COAL - THIN BEDS
	CRINOID		STROMATOPOROID		DOLOMITIC
	ECHINOID		FELDSPAR		SILTY
	FISH		FERRUGINOUS PELLET		SILTY
	FORAMINIFERA		ANHYDRITIC		FERRUGINOUS
			Minerals		TUFFACEOUS

Stringer

	ANHYDRITE STRINGER
	BENTONITE STRINGER
	COAL STRINGER
	DOLOMITE STRINGER
	GYPSUM STRINGER
	LIMESTONE STRINGER
	MARLSTONE (CALC) STRG
	MARLSTONE (DOL) STRG
	SANDSTONE STRINGER
	SHALE STRINGER
	SILTSTONE STRINGER

Other Sy

Oil Show

	ORGANIC
	PINPOINT

	GAS SH
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DEAD

VUGGY

MINDEPTH

EVEN

NORMA

NORMA

QUESTIONABLE

Engineering

OIL SH

SPOTTED STAINING BIT

OVERT

Porosity

CASING

REVER

CONNECTION (LEFT)

SIDEWA

CONNECTION (RIGHT)

SIDEWA

FENESTRAL

CONNECTION GAS

SLIDE

FRACTURE

CORE - LOST

SURV

INTERCRYSTALLINE

CORE - RECOVERED

TRIP

INTEROOLITIC

DST INTERVAL

WIRELIN

MOLDIC

FAULT

WIRELIN

# ymbols

FORMATION TOP L LITHOGRAPHIC

## Rounding

LOW MX MICROXLN

MIN DEPTH AN ANGULAR MS MUDSTONE

FL FAULT R ROUNDED PS PACKSTONE

DW SUBANG WS WACKESTONE

TURNED STRATA R SUBRND

## Sorting

SE FAULT

## Textures

ALL CORE (LEFT) M MODERATE

ALL CORE (RIGHT) BS BOUNDSTONE P POOR

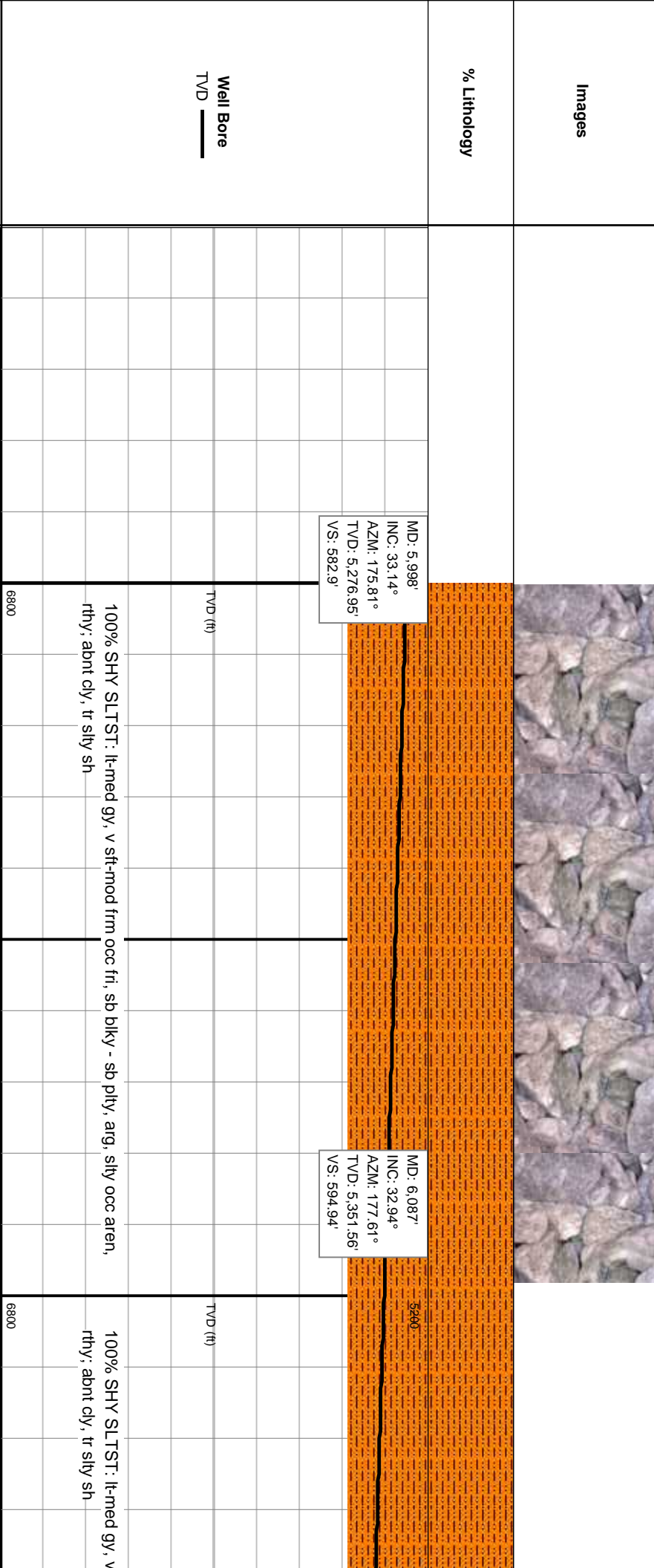
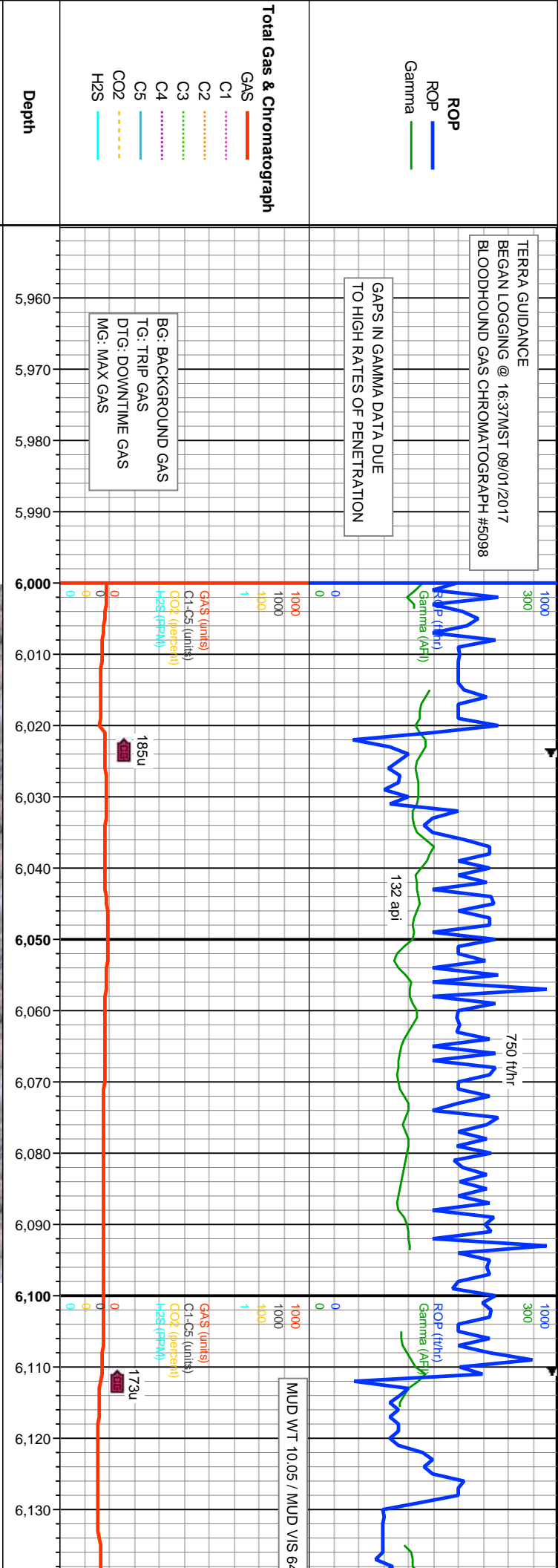
C CHALKY W WELL

KEY CX CRYPTOXLN

3AS E EARTHY

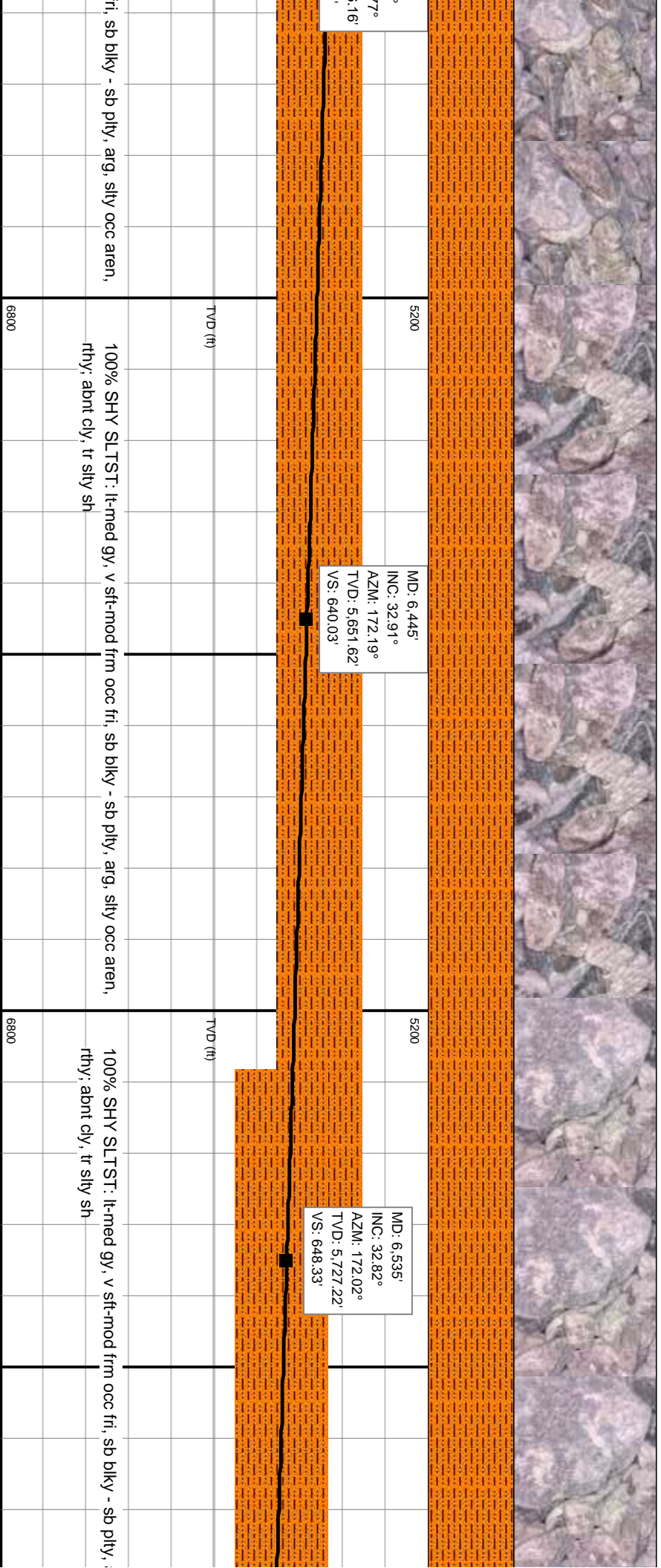
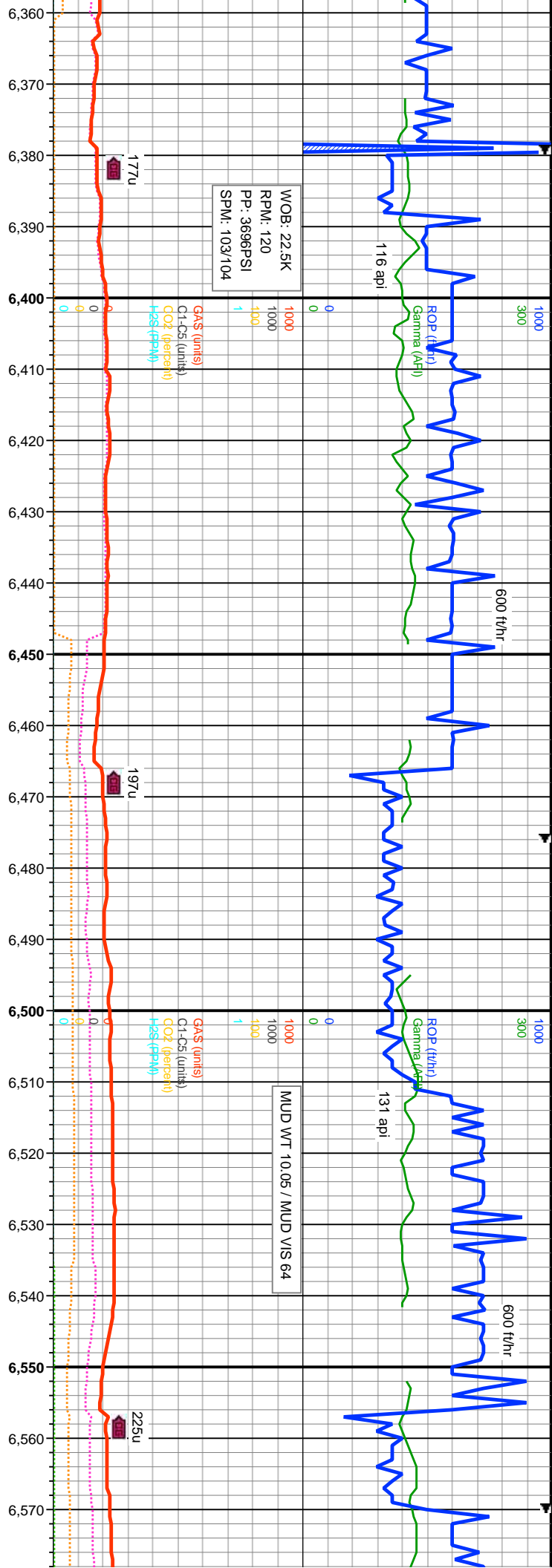
NE TESTED - LEFT FX FINELYXLN

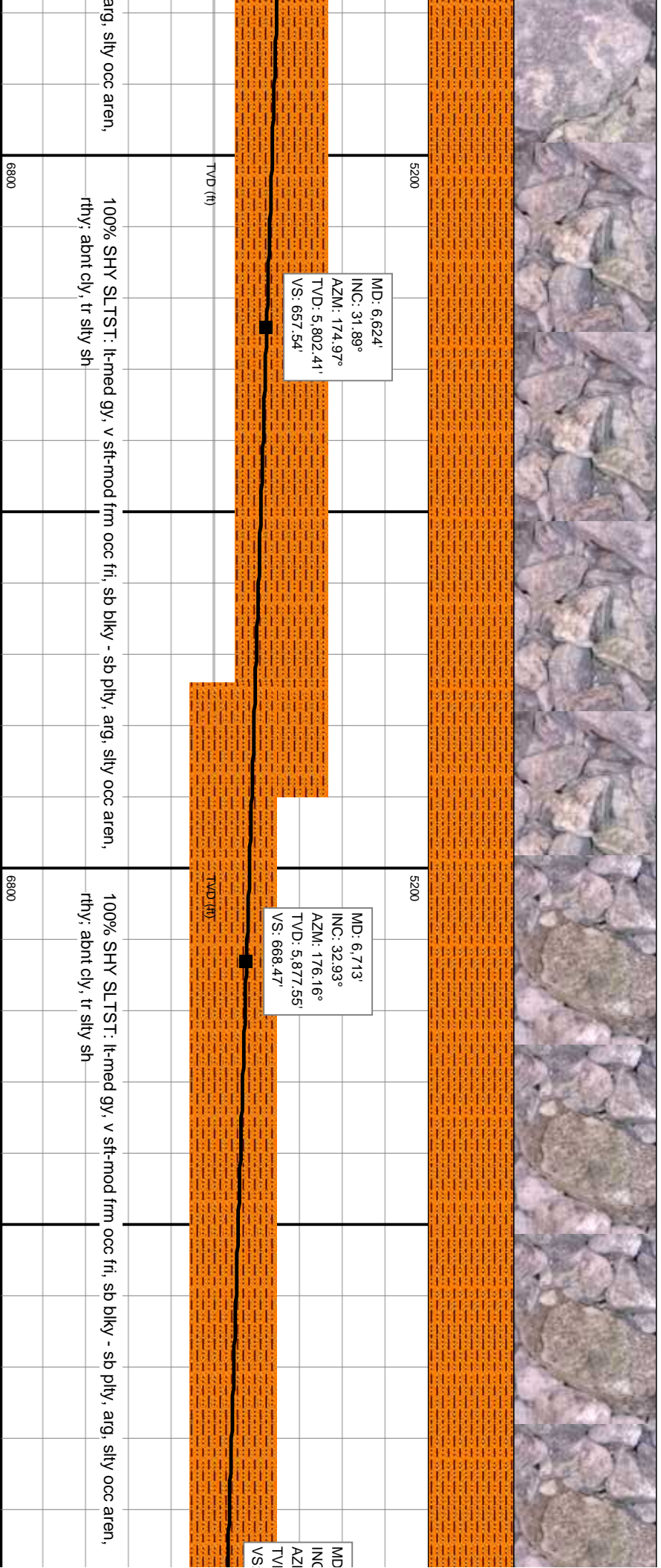
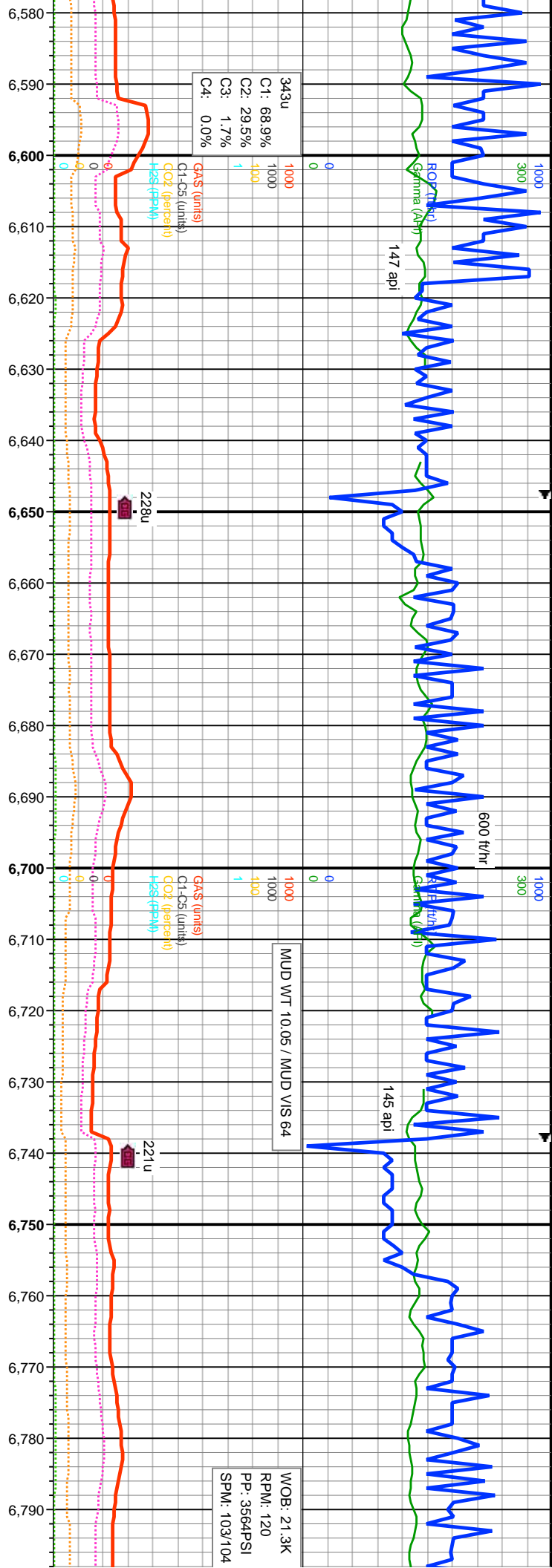
NE TESTED - RT GS GRAINSTONE



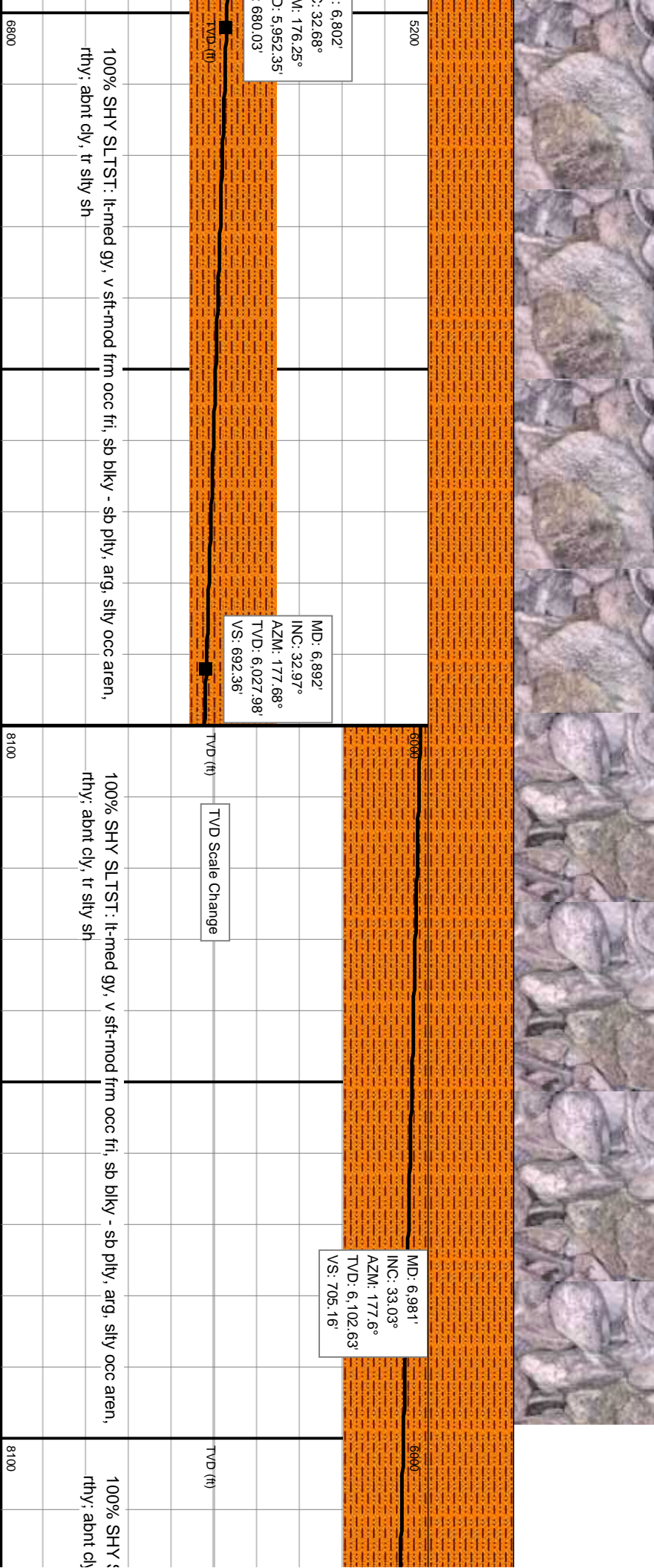
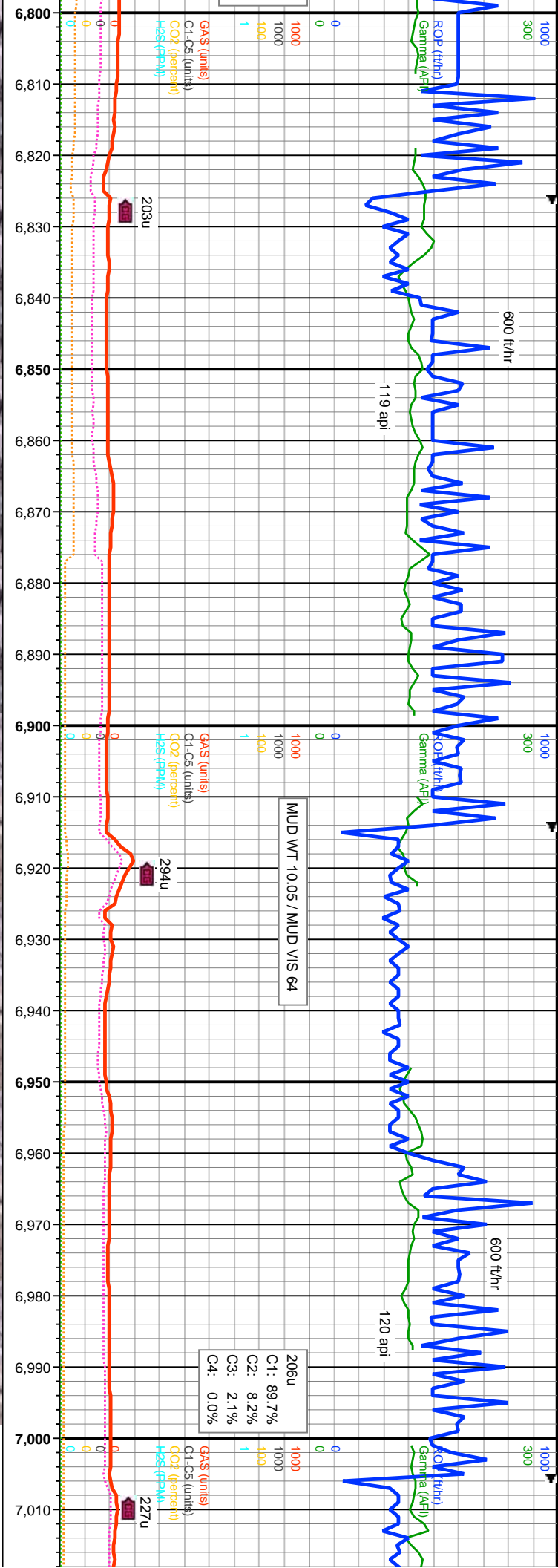




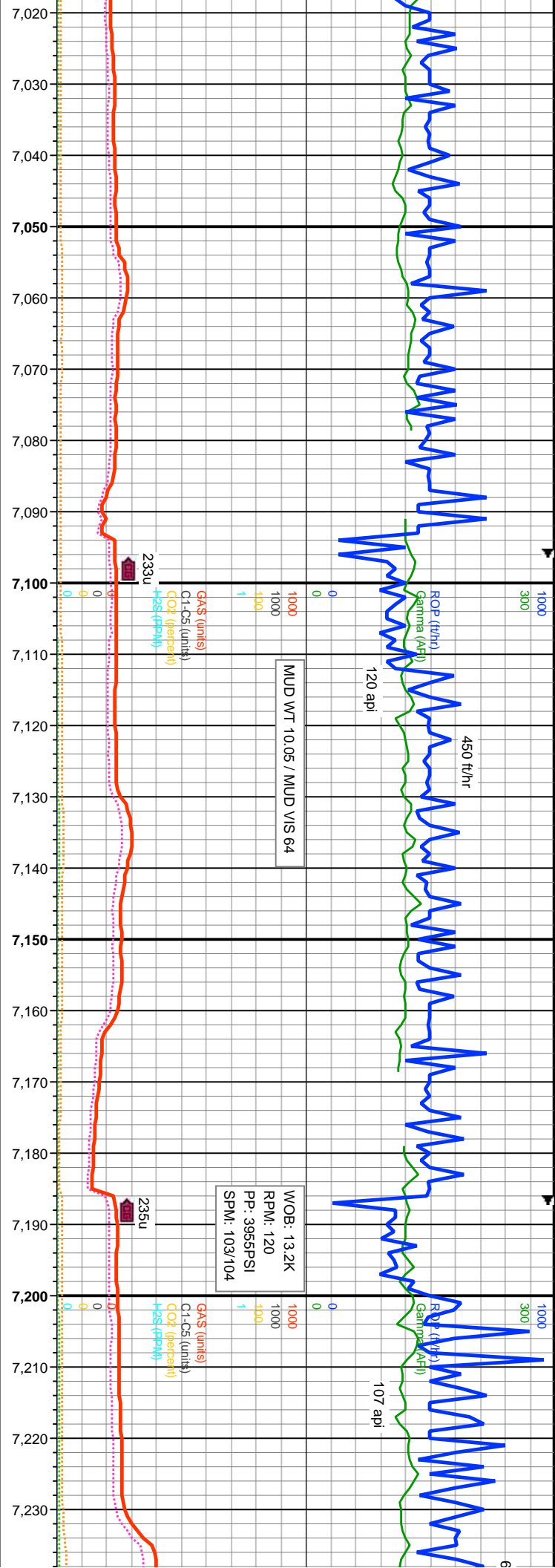






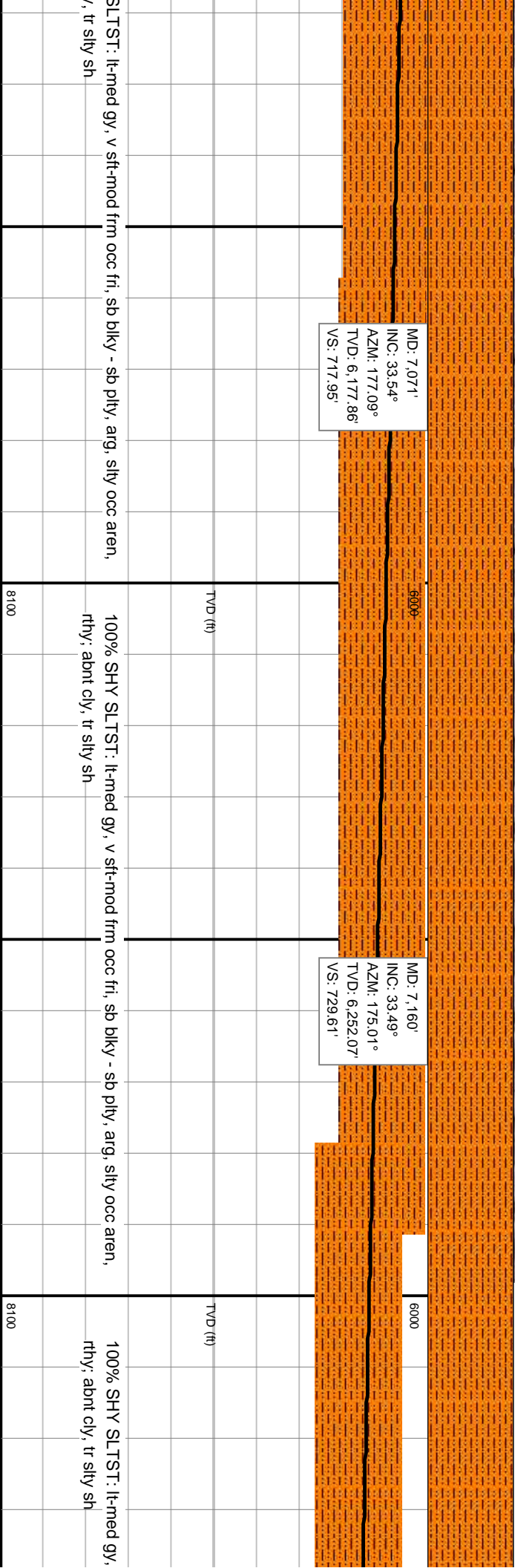


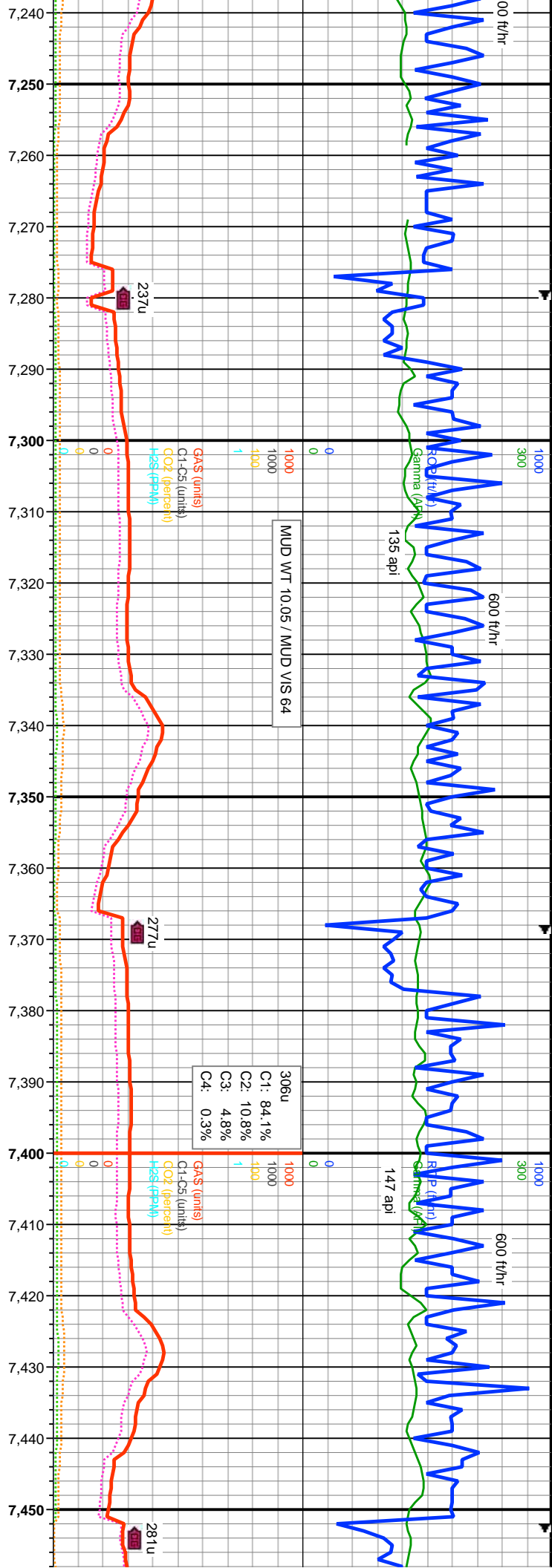




MD: 7.071'  
INC: 33.54°  
AZM: 177.09°  
TVD: 6.177.86'  
VS: 717.95'

MD: 7.160'  
INC: 33.49°  
AZM: 175.01°  
TVD: 6.252.07'  
VS: 729.61'





MD: 7.250'  
INC: 33.02°  
AZM: 174.28°  
TVD: 6.327.33'  
VS: 740.14'

MD: 7.339'  
INC: 33.16°  
AZM: 175.38°  
TVD: 6.401.89'  
VS: 750.65'

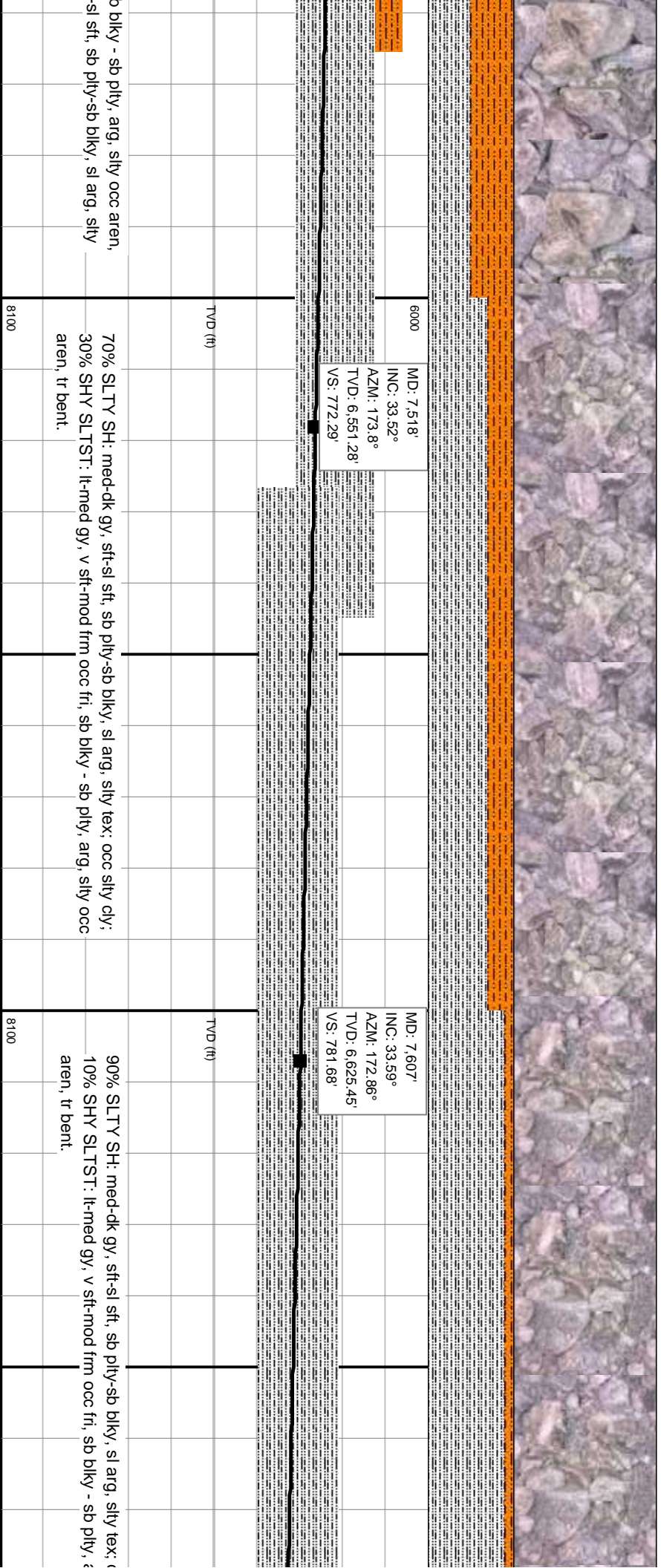
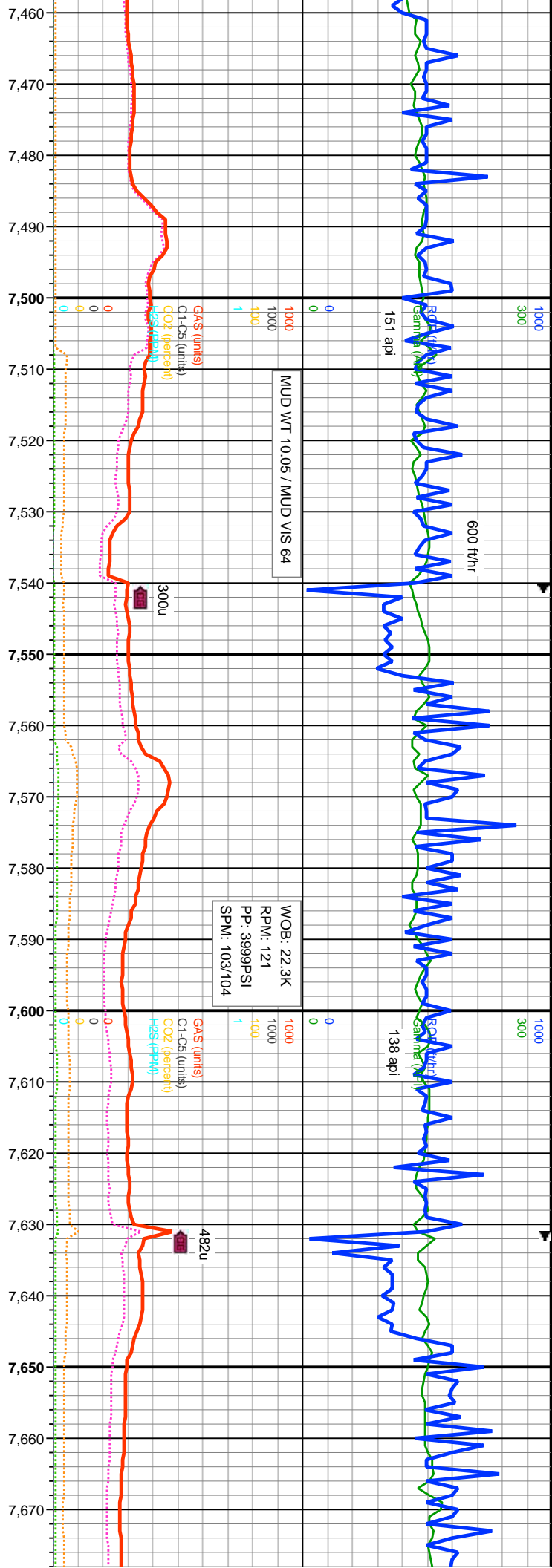
MD: 7.428'  
INC: 33.52°  
AZM: 175.43°  
TVD: 6.476.25'  
VS: 761.72'

TVD (ft)

TVD (ft)

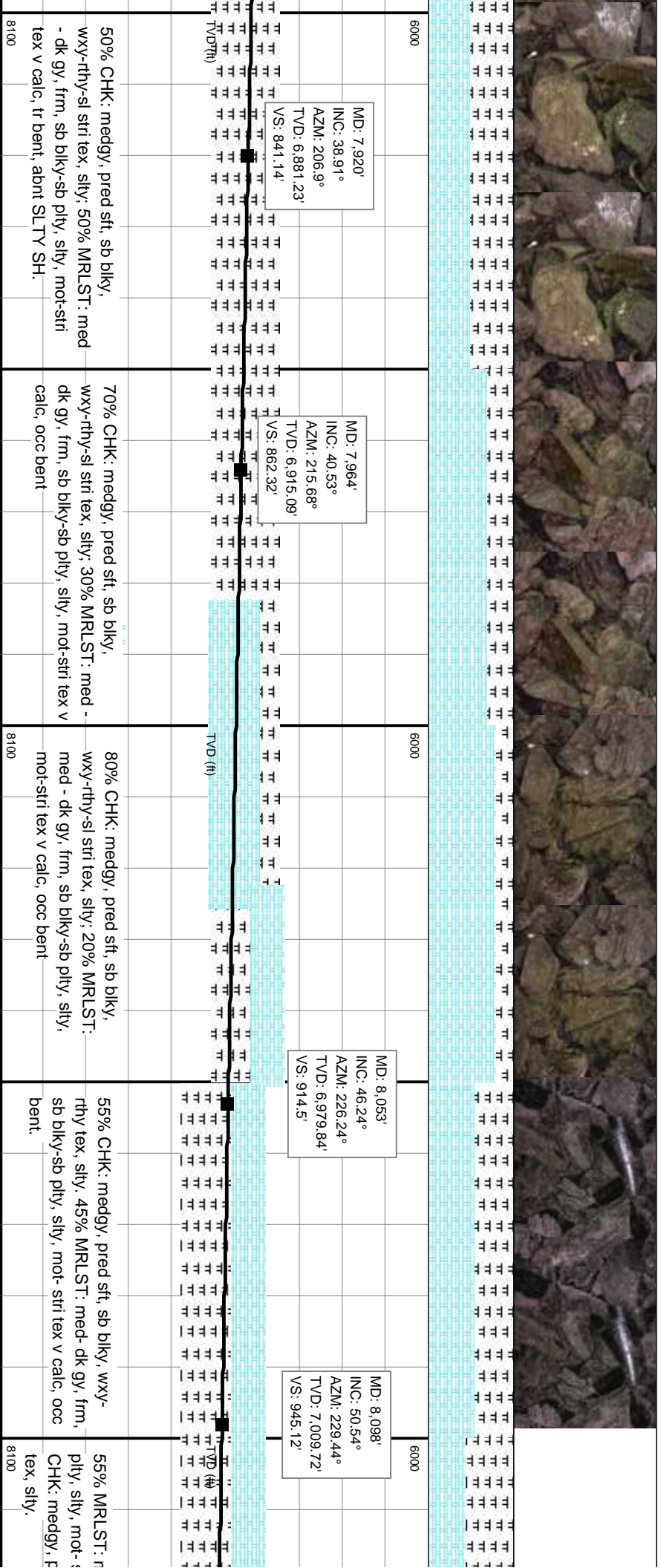
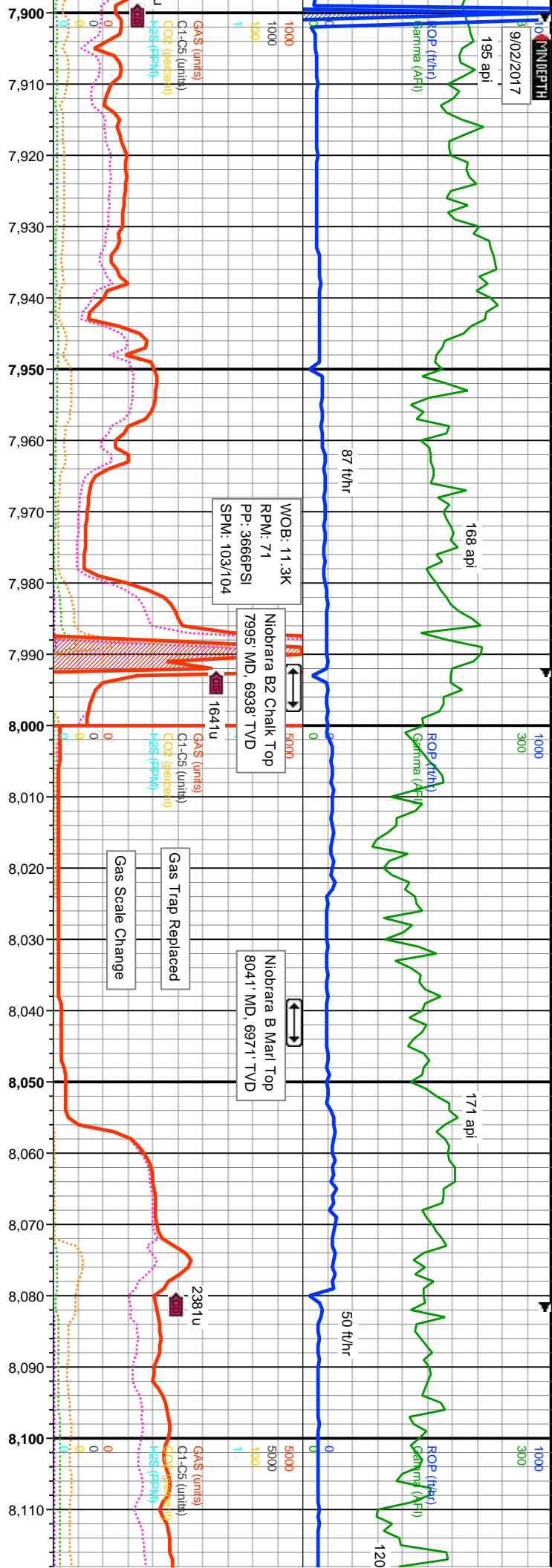
v sft-mod frm occ fri, sb blkly - sb plty, arg, silty occ aren,  
rthy, abnt cly, tr silty sh  
100% SHY SLTST: lt-med gy, v sft-mod frm occ fri, sb blkly - sb plty, arg, silty occ aren,  
rthy occ grdg-shy ss, 50% SLTY SH: med-dk gy, sft  
tex: occ silty cly



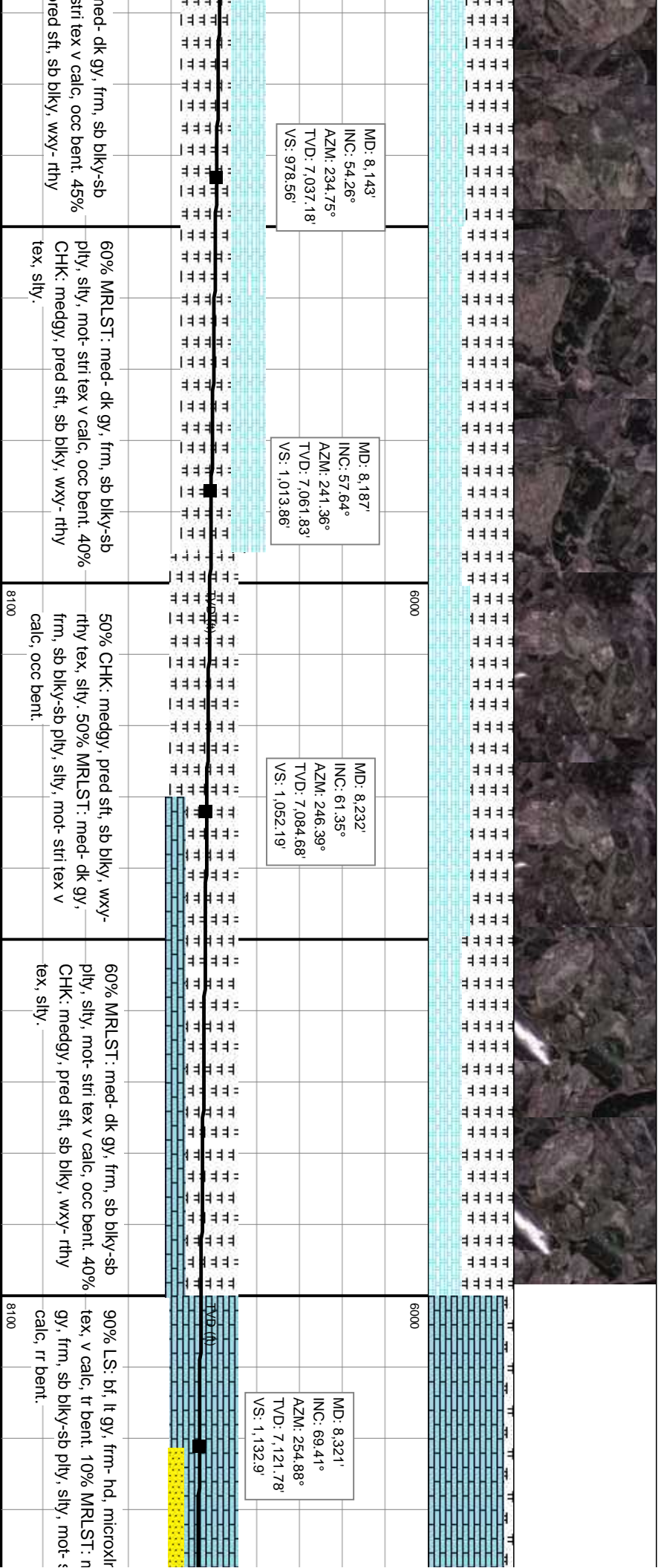
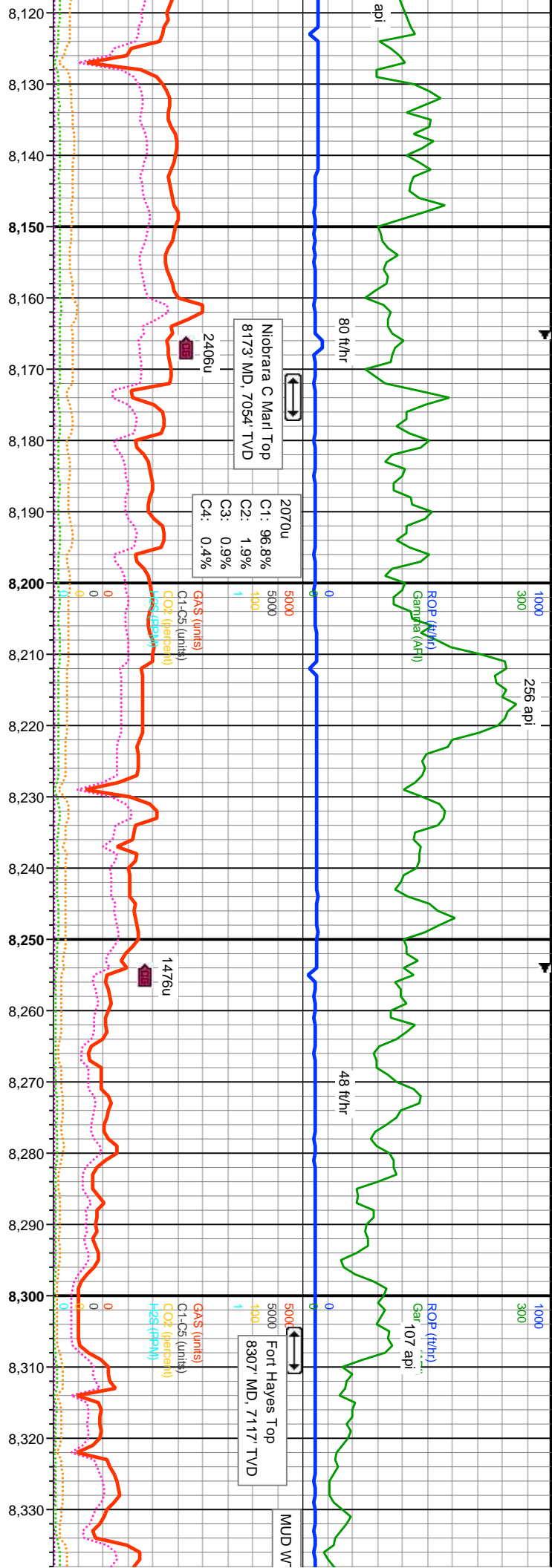




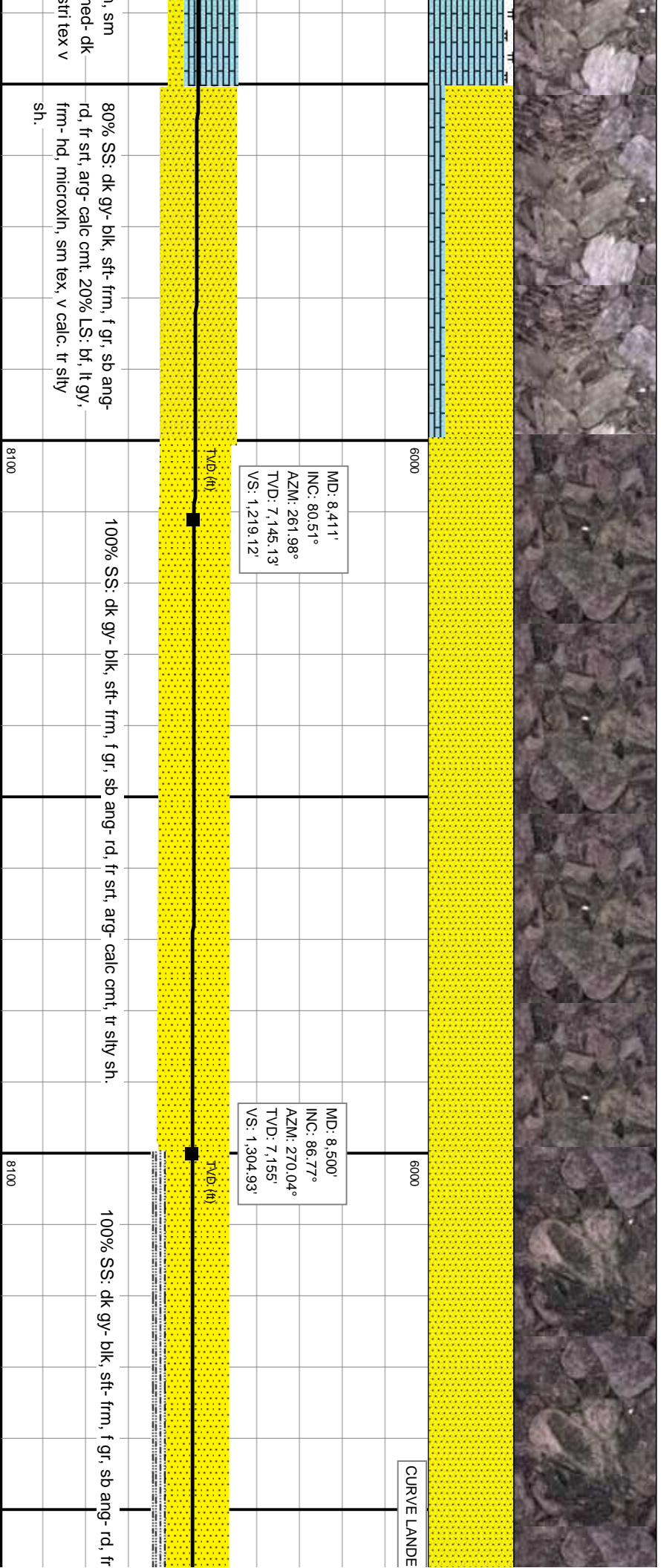
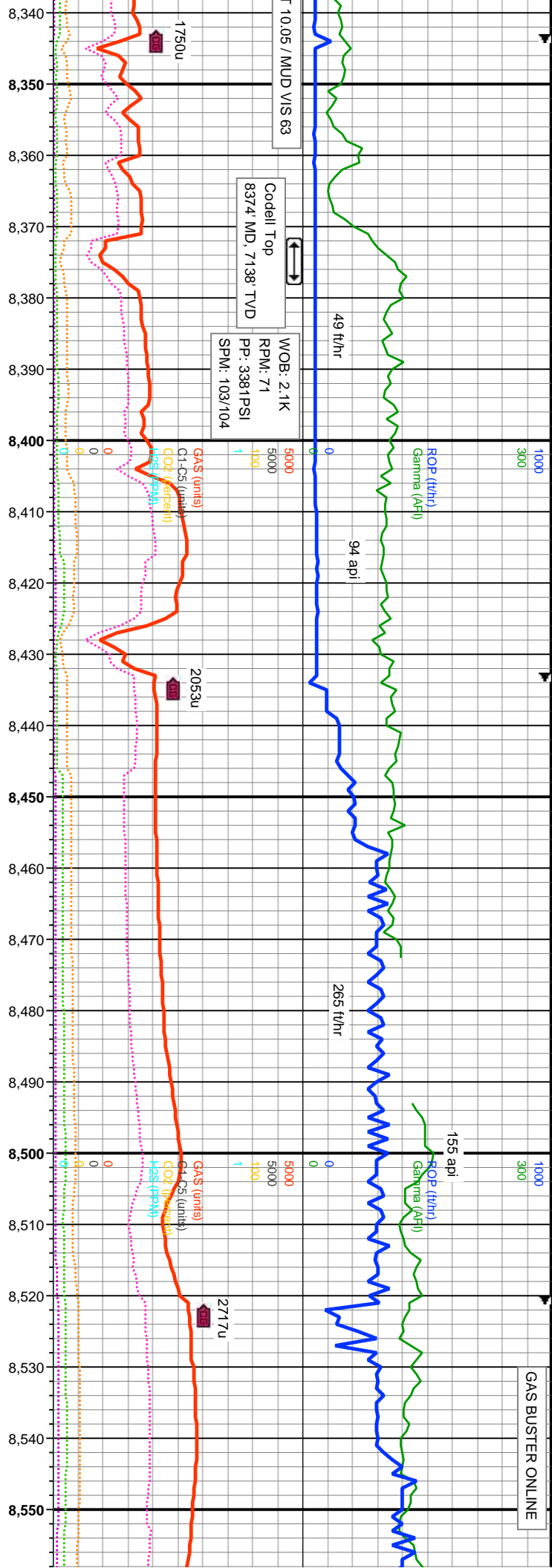


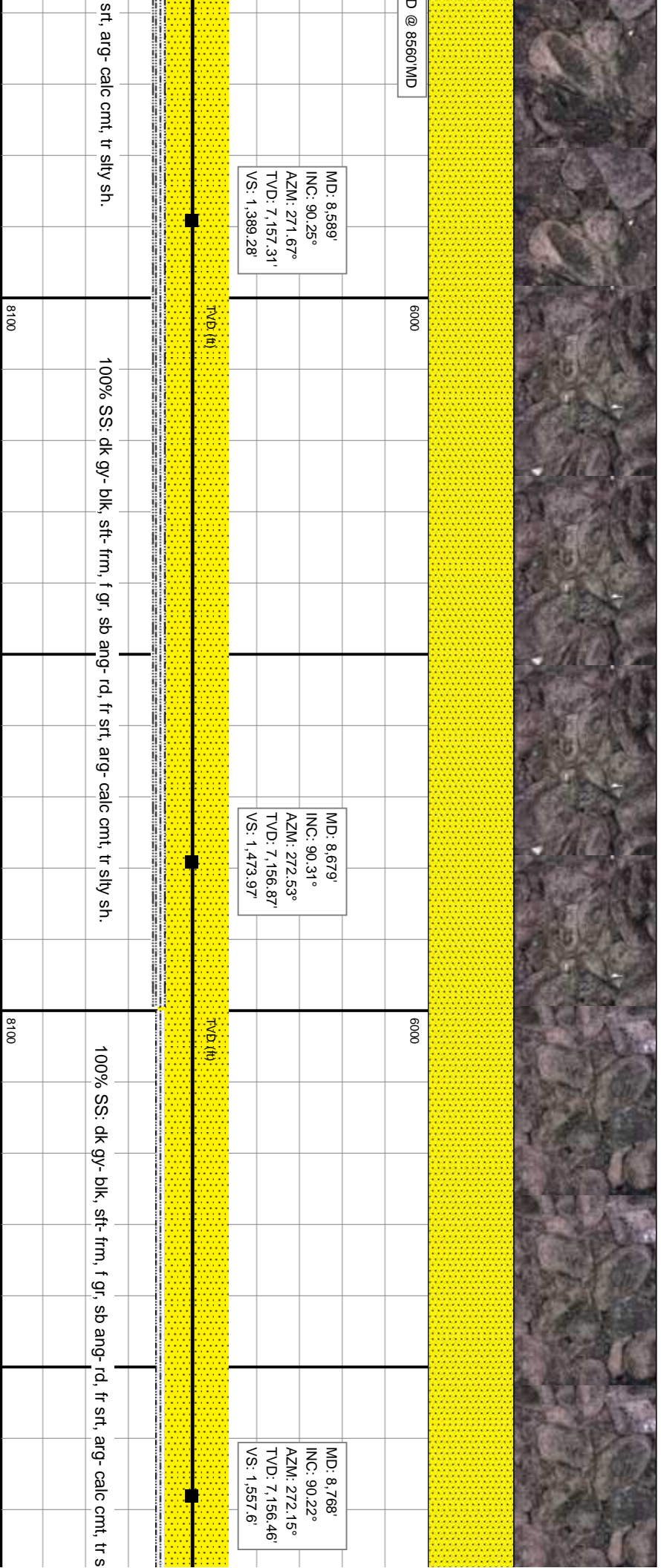
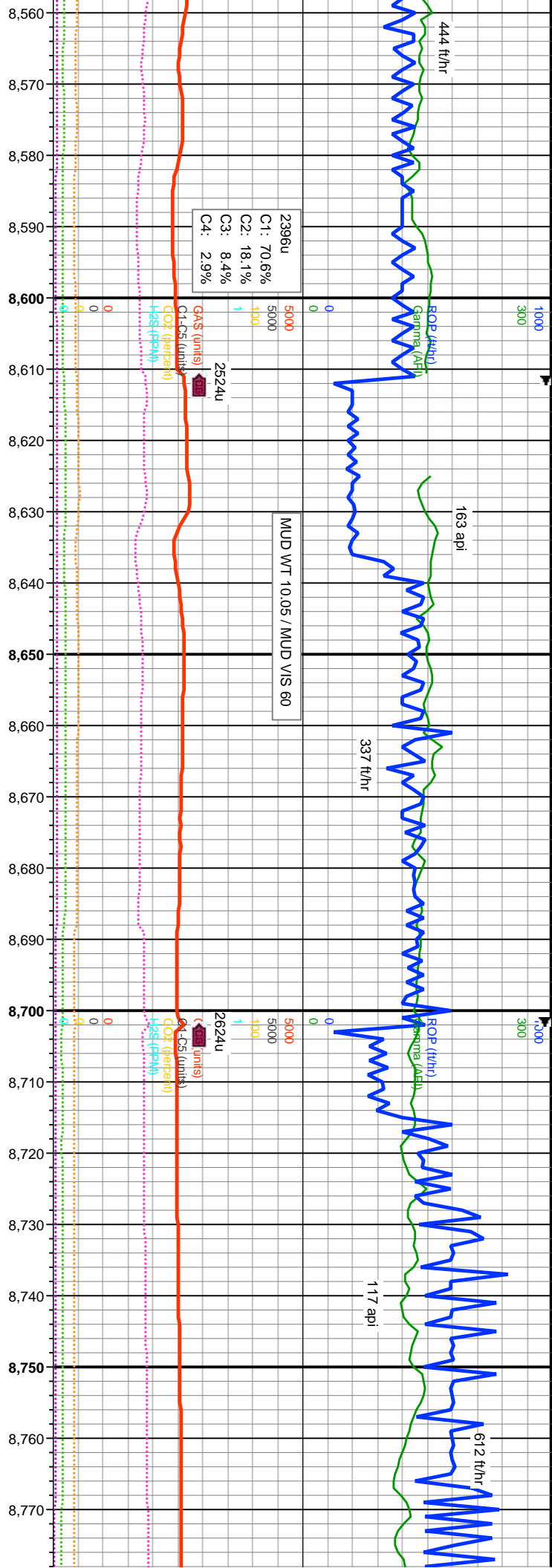




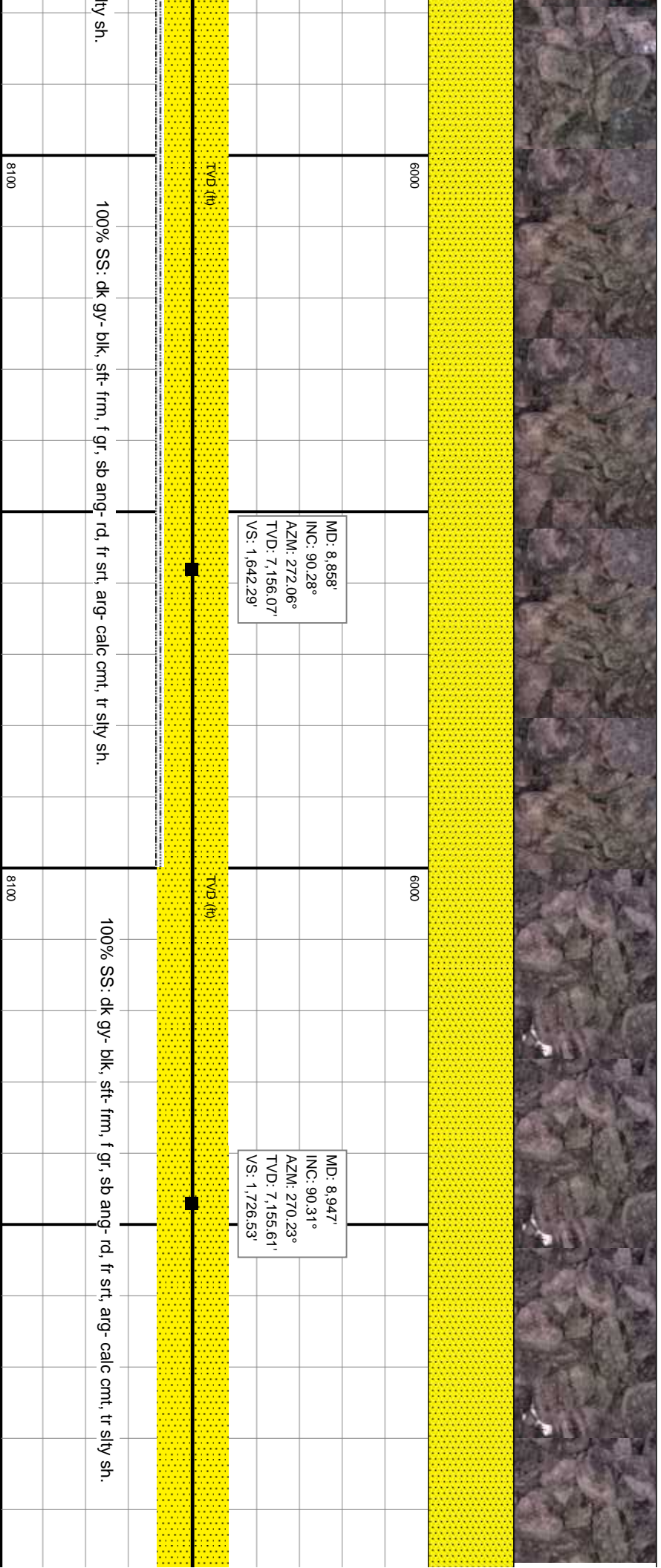
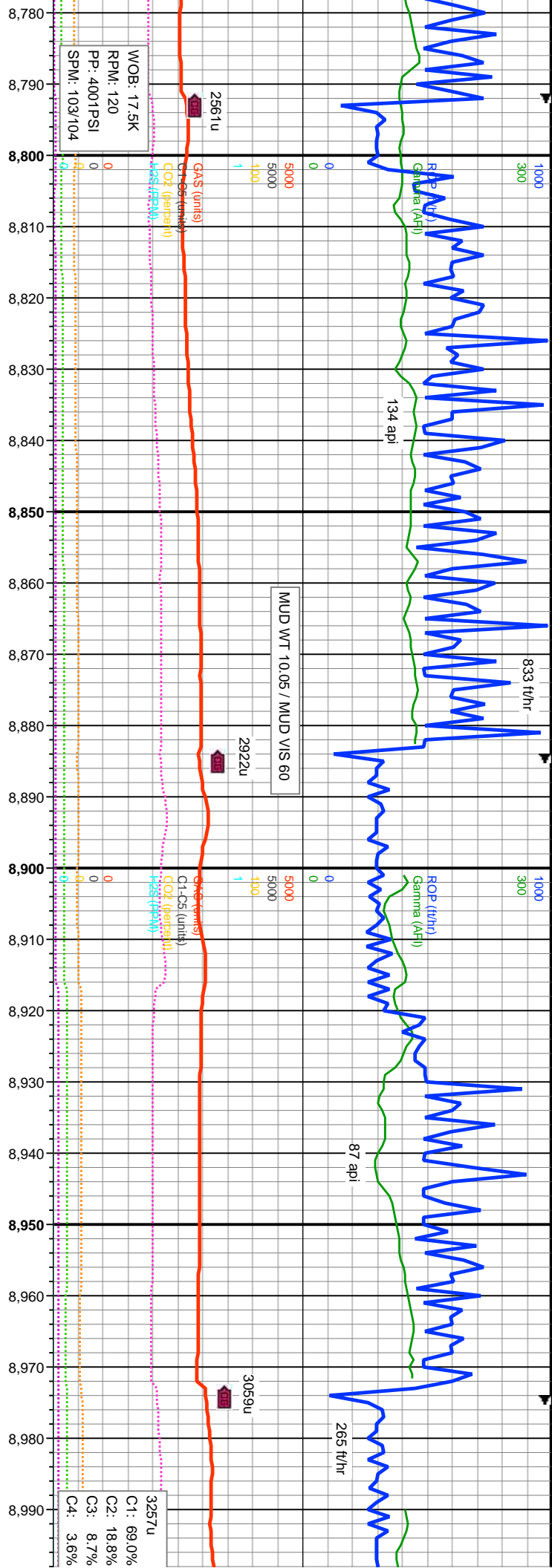




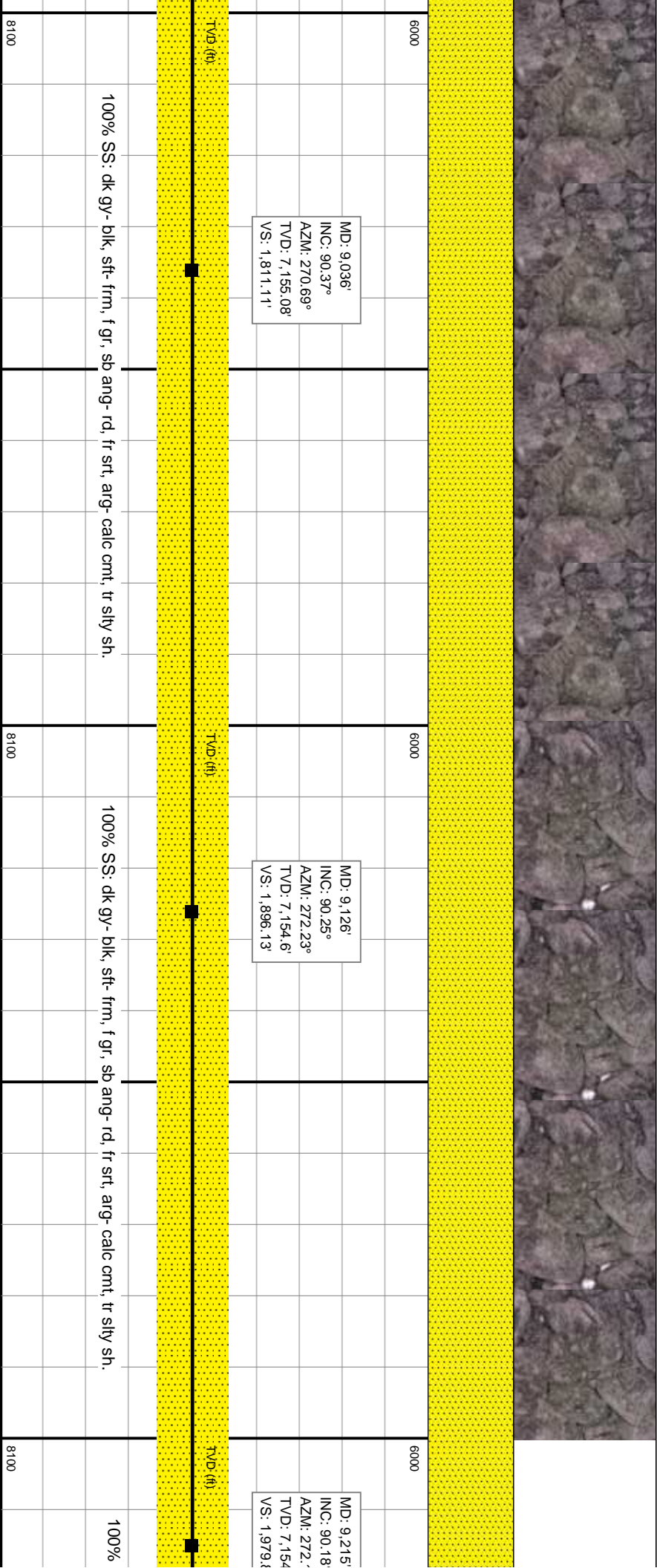
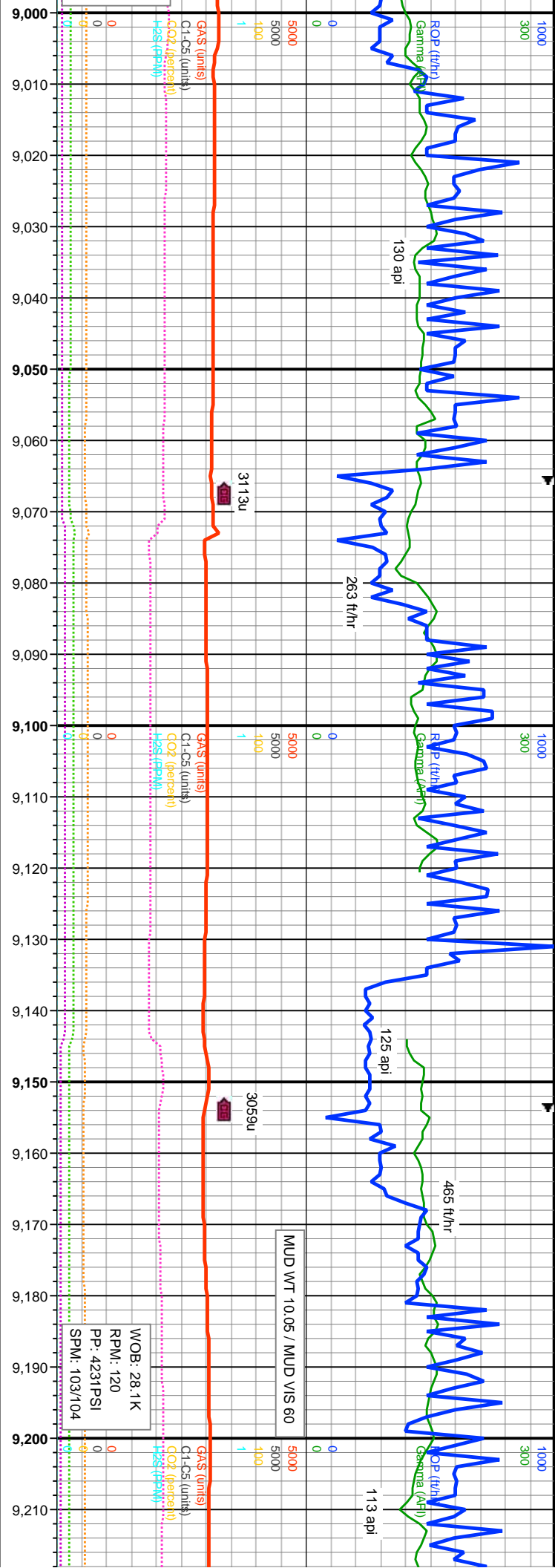


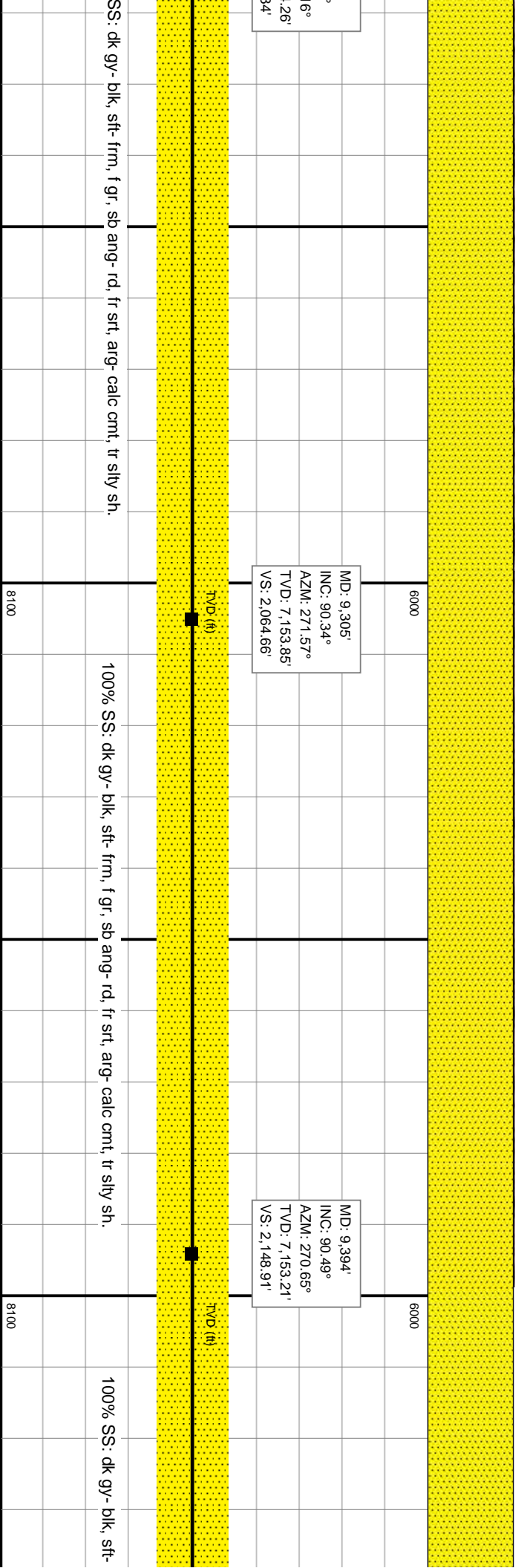
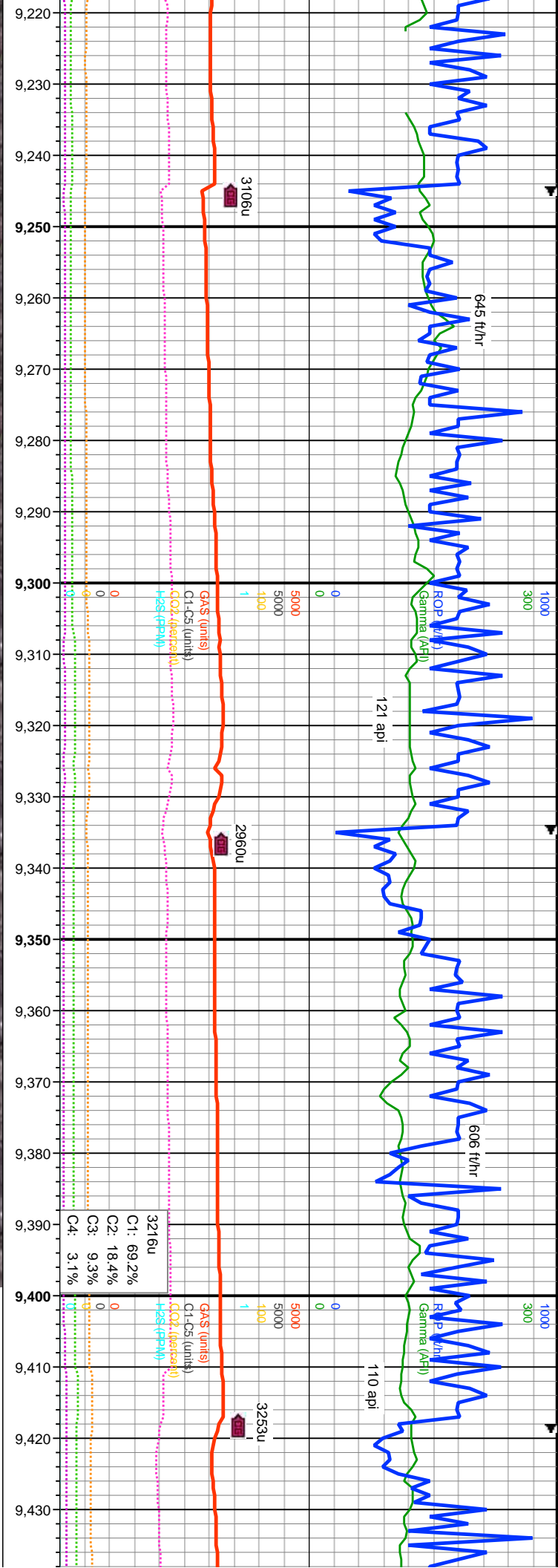




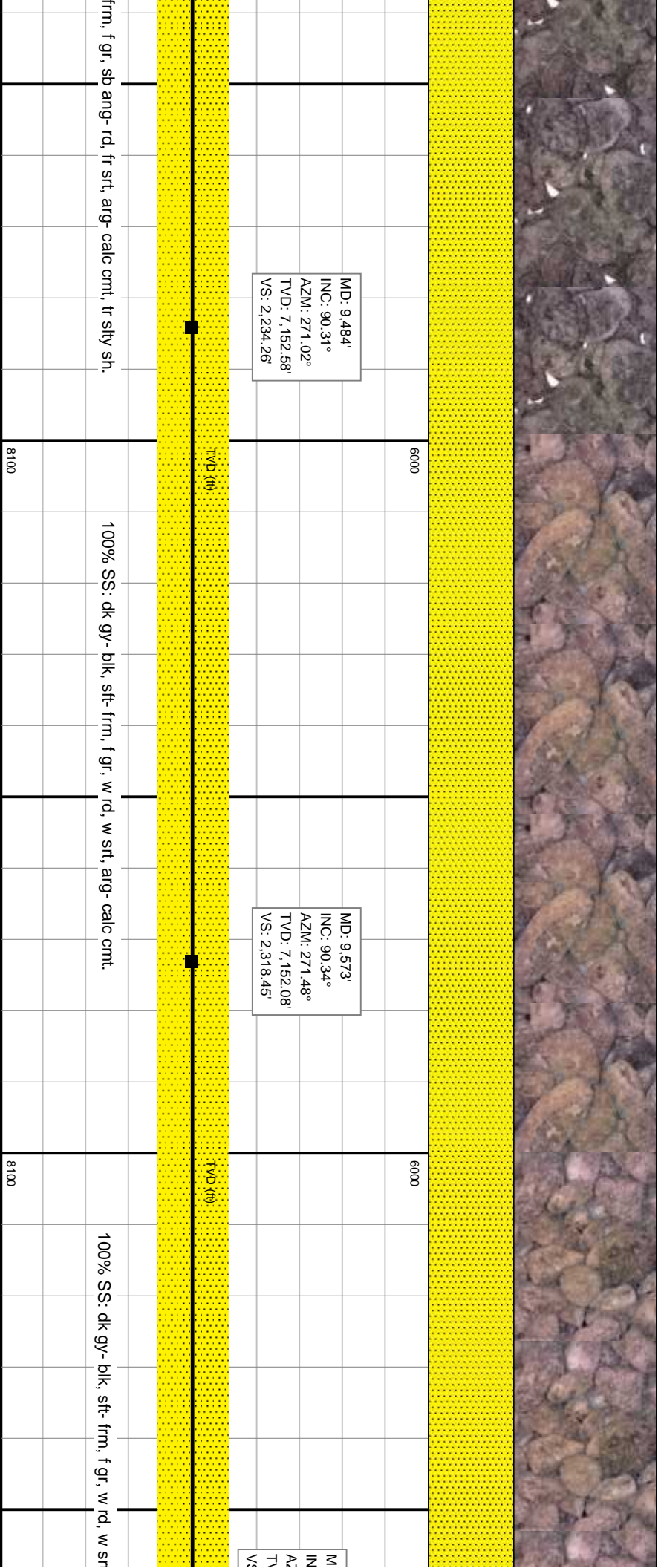
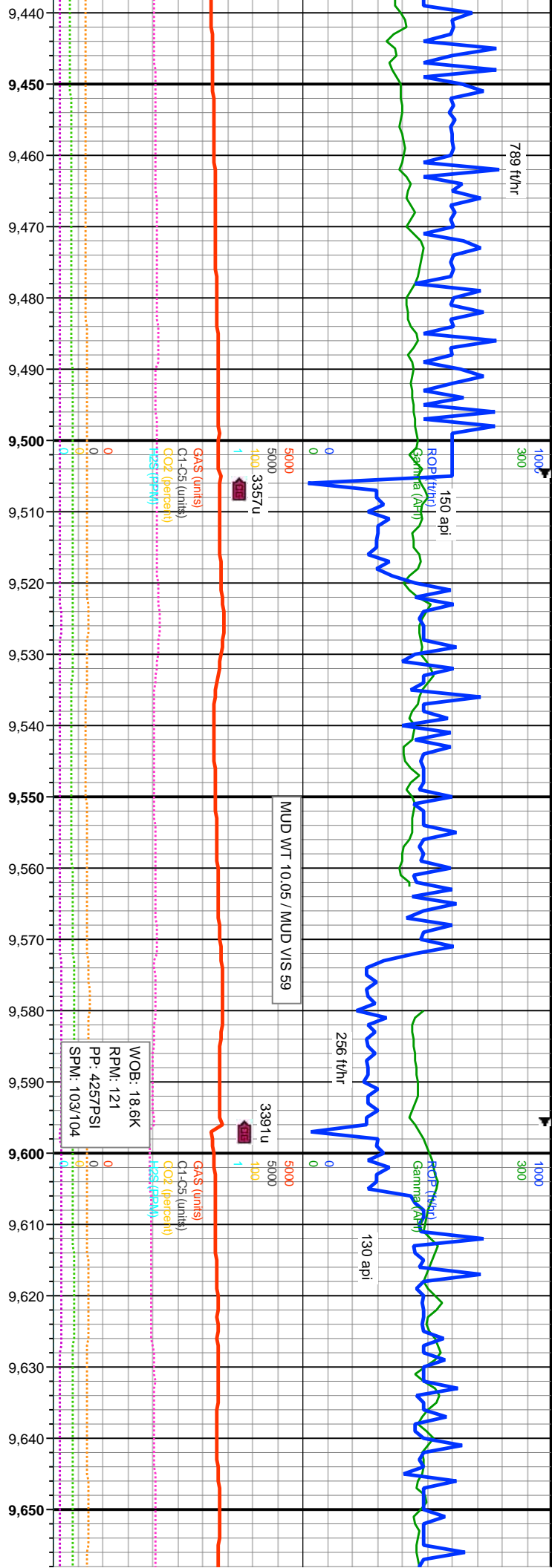




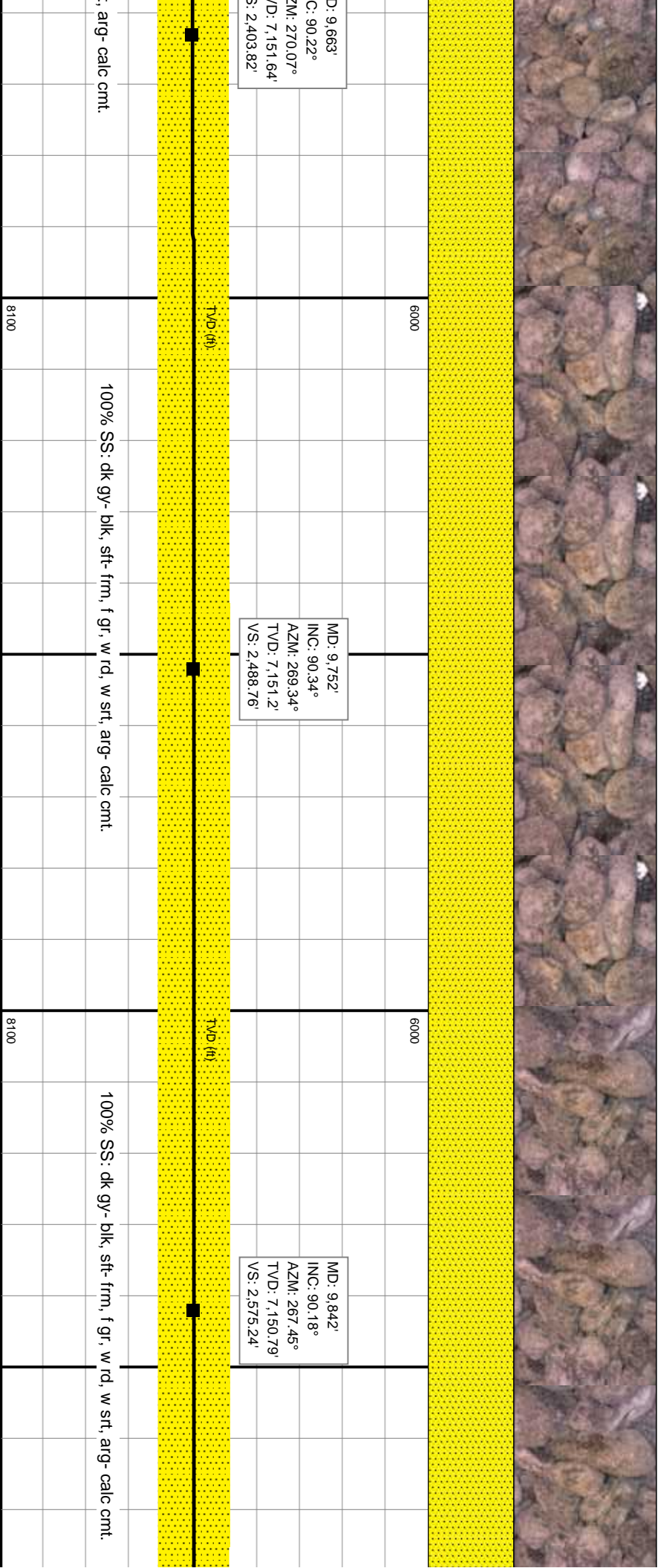
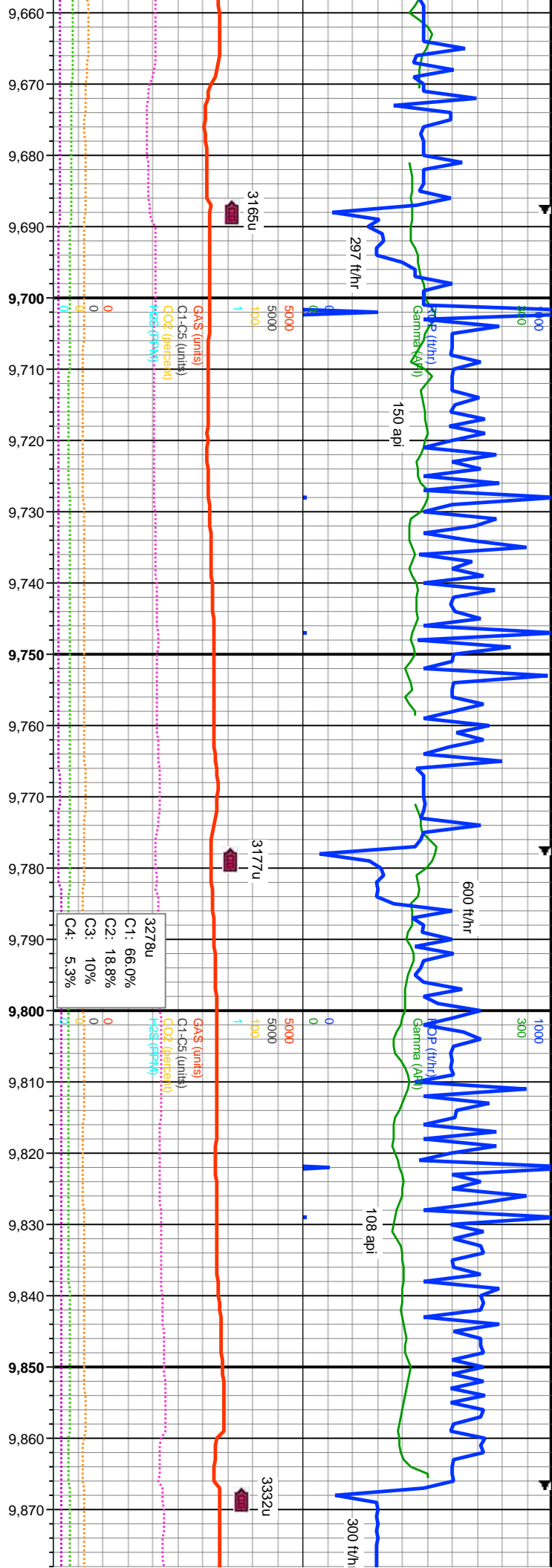


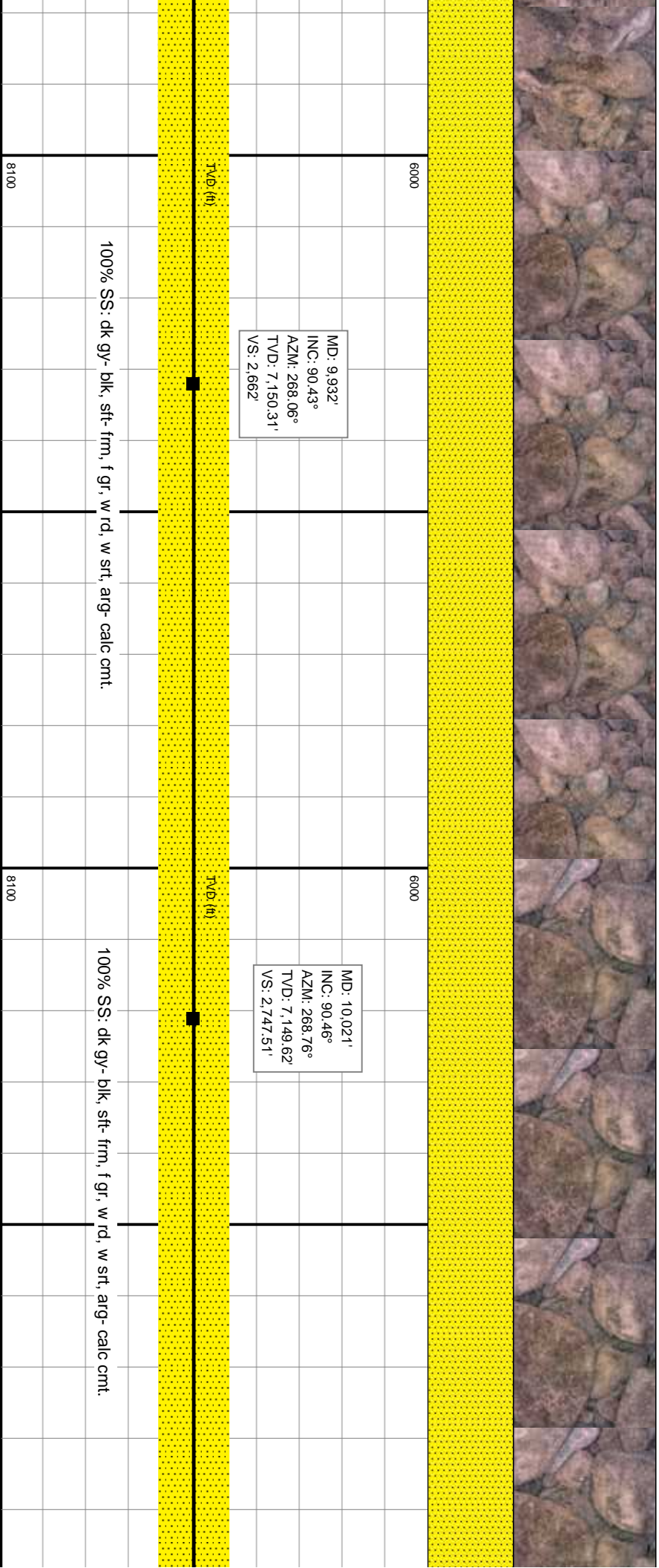
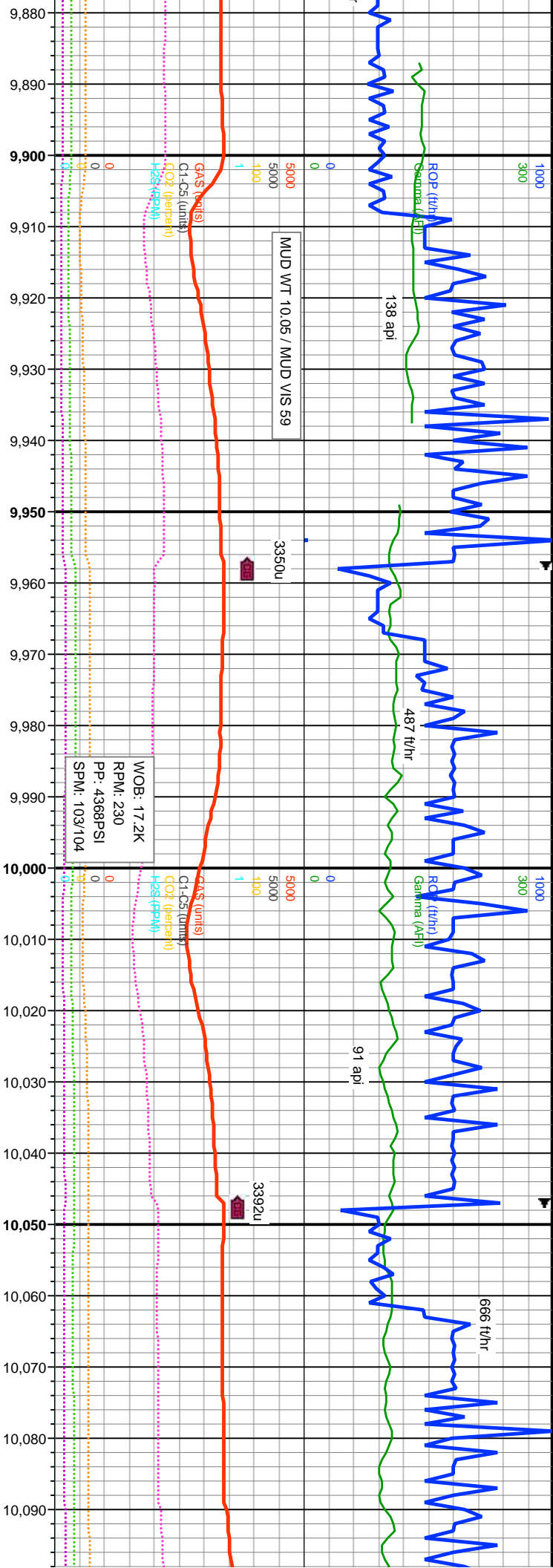




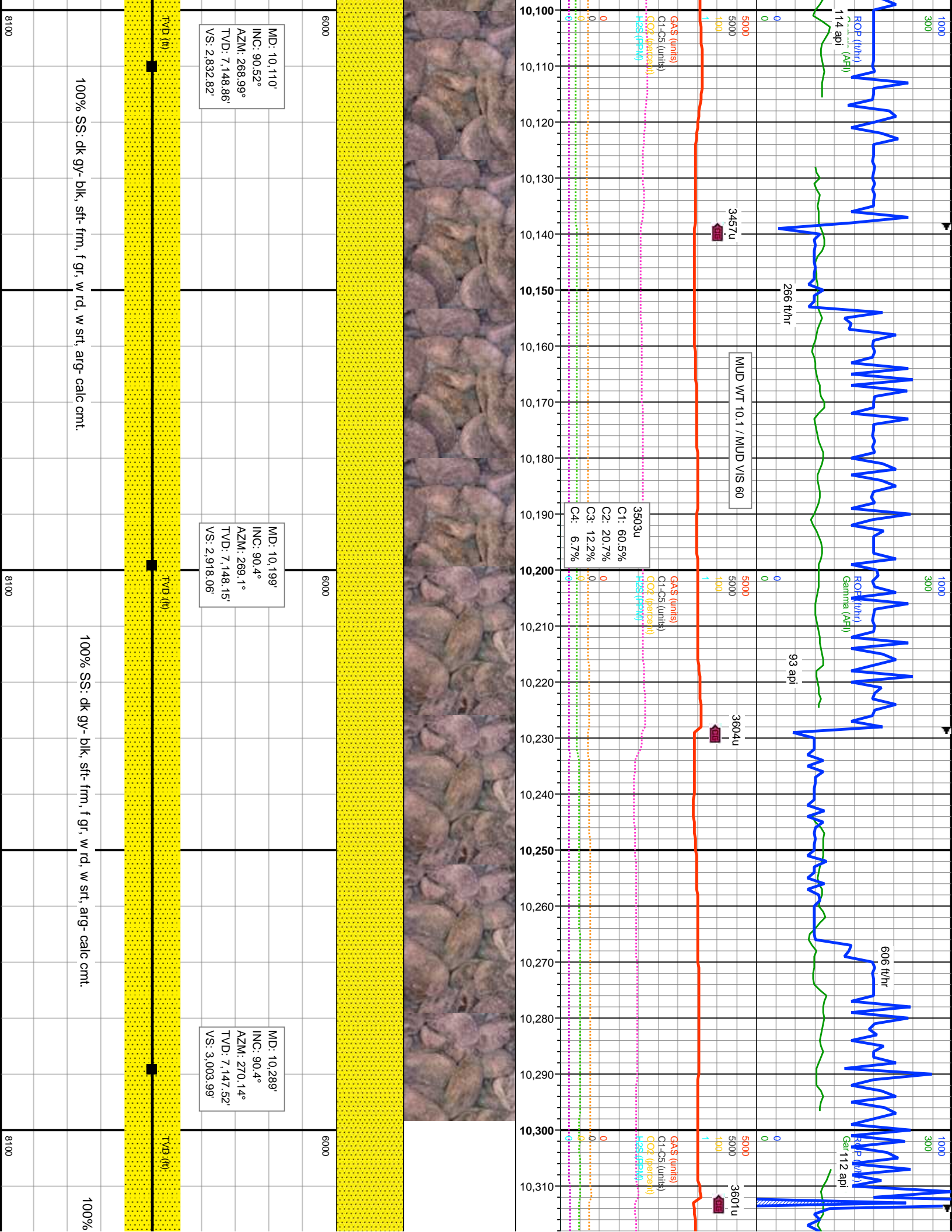


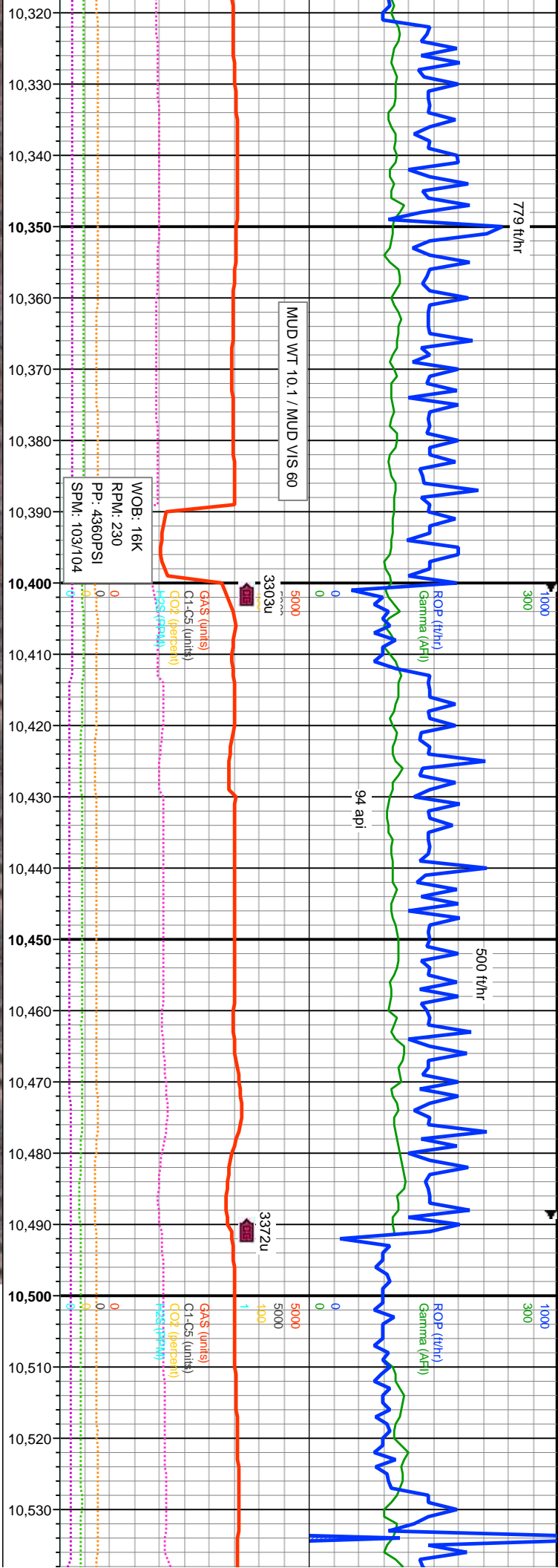






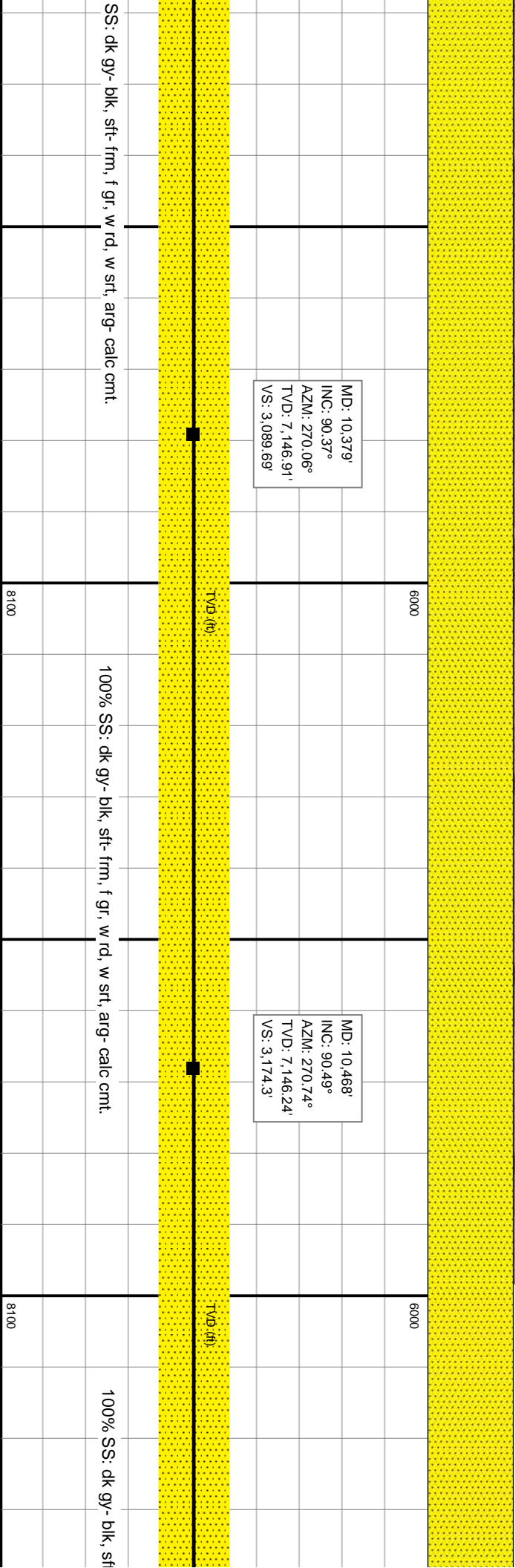






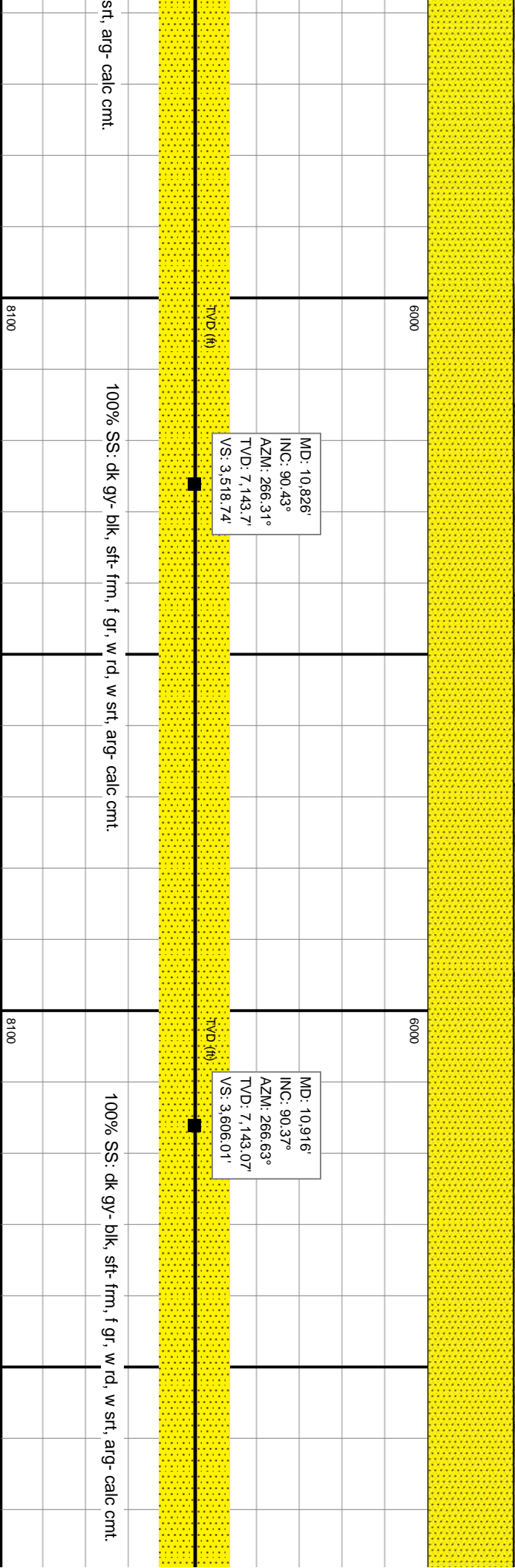
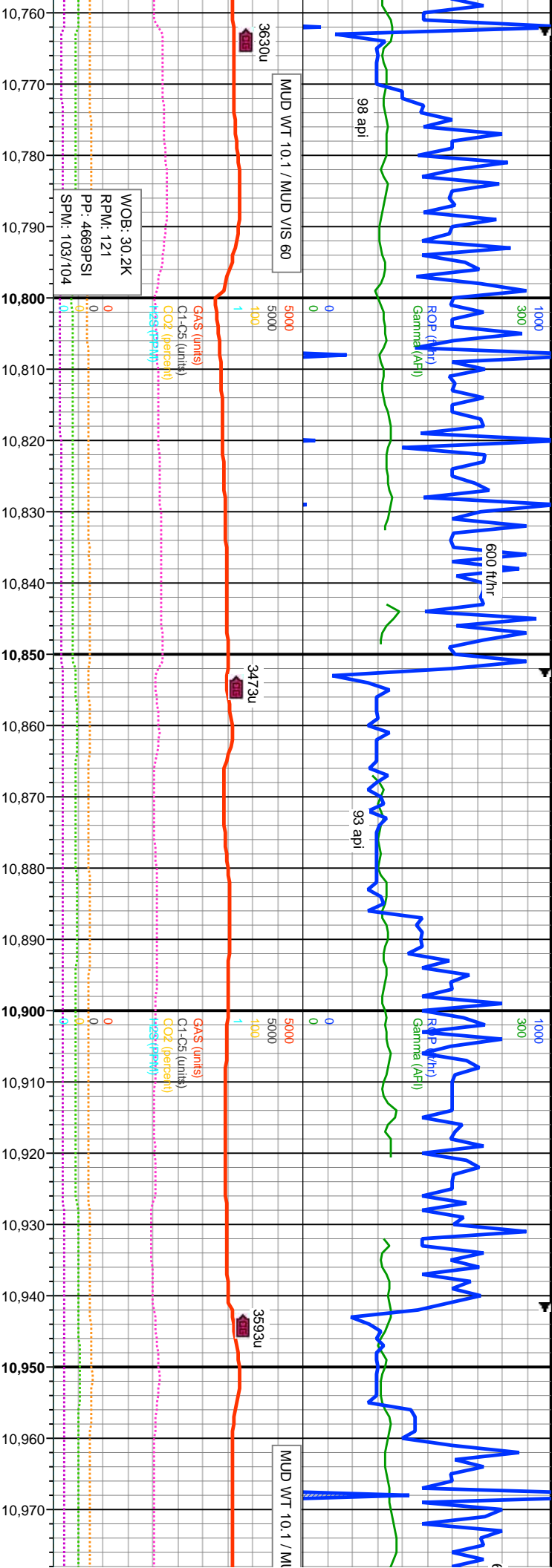
MD: 10,379'  
INC: 90.37°  
AZM: 270.06°  
TVD: 7,146.91'  
VS: 3,089.69'

MD: 10,468'  
INC: 90.49°  
AZM: 270.74°  
TVD: 7,146.24'  
VS: 3,174.3'



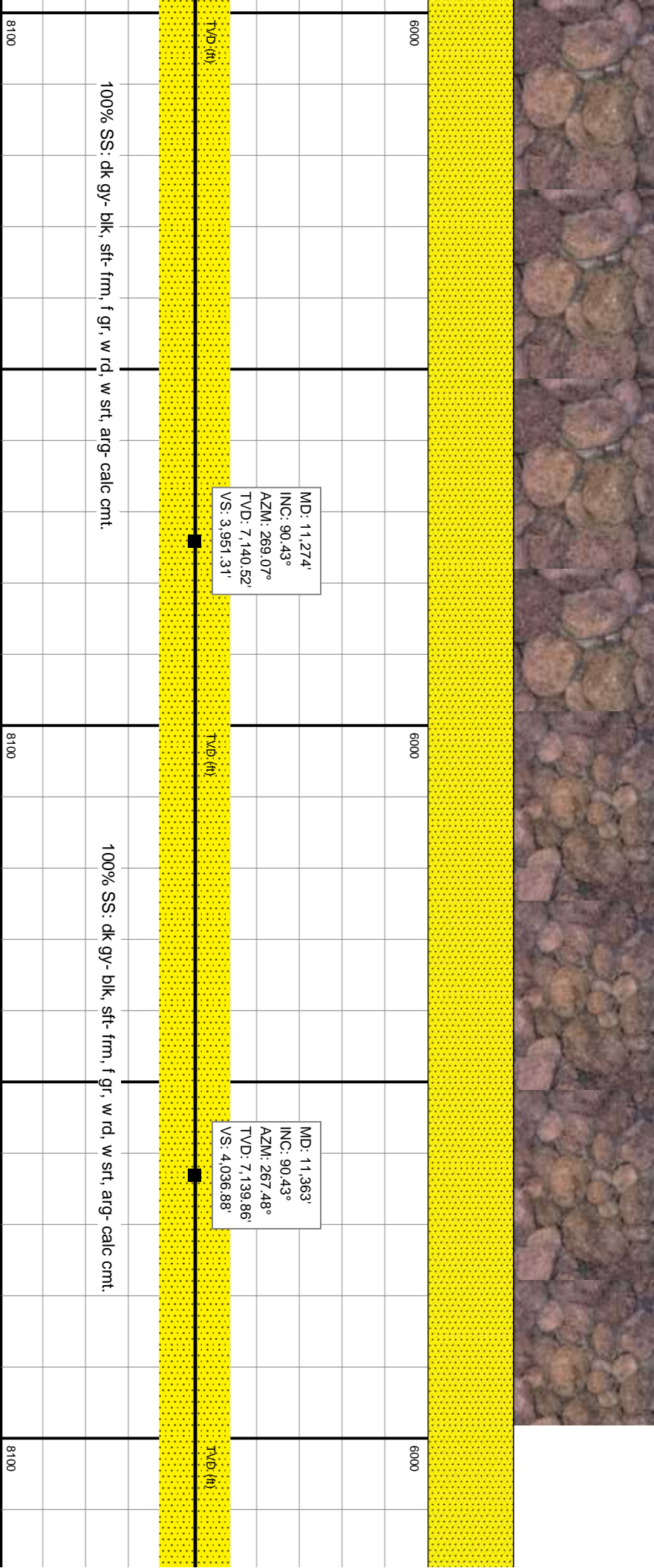
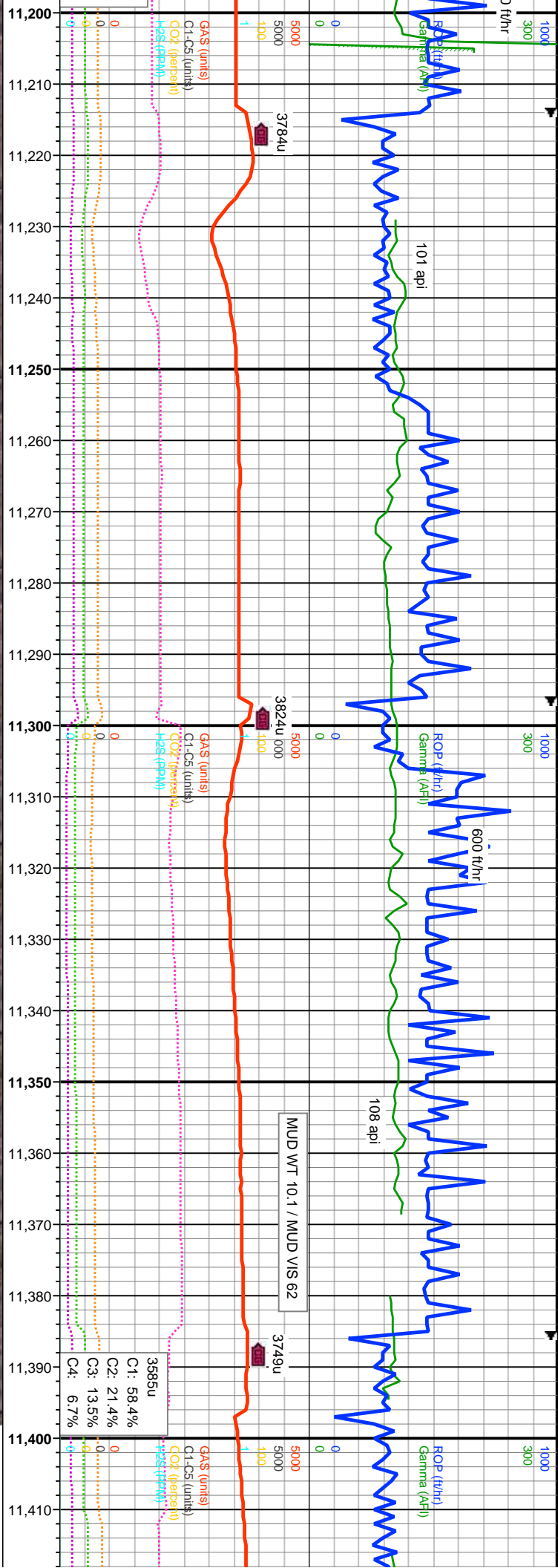




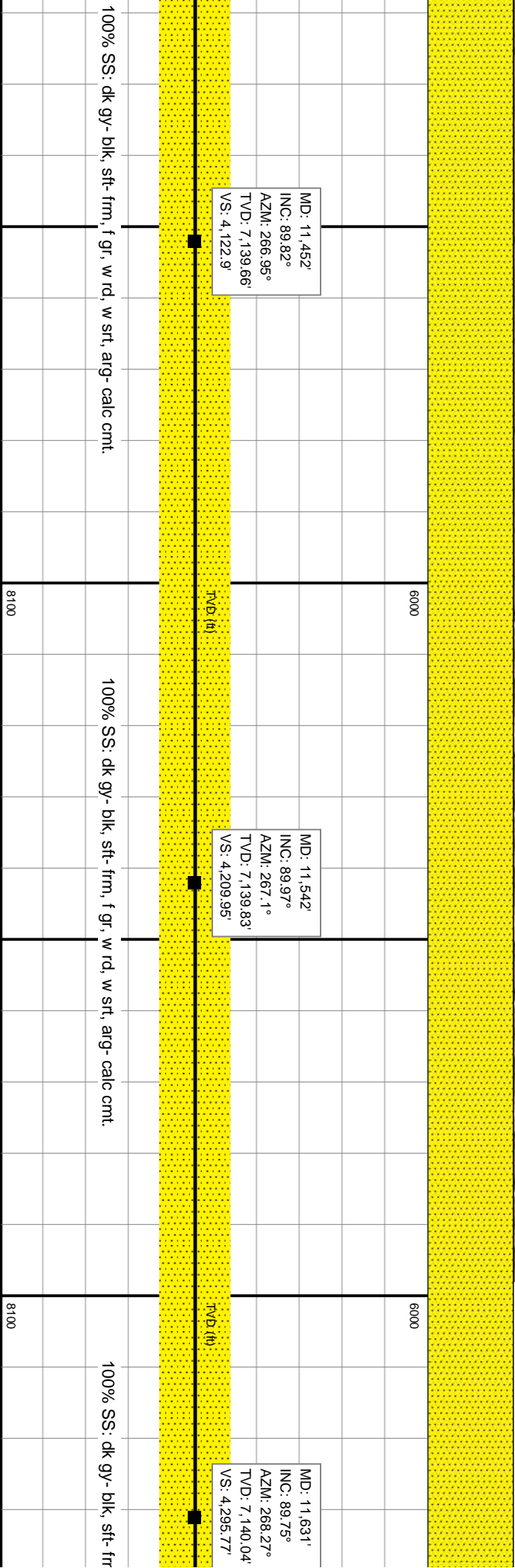
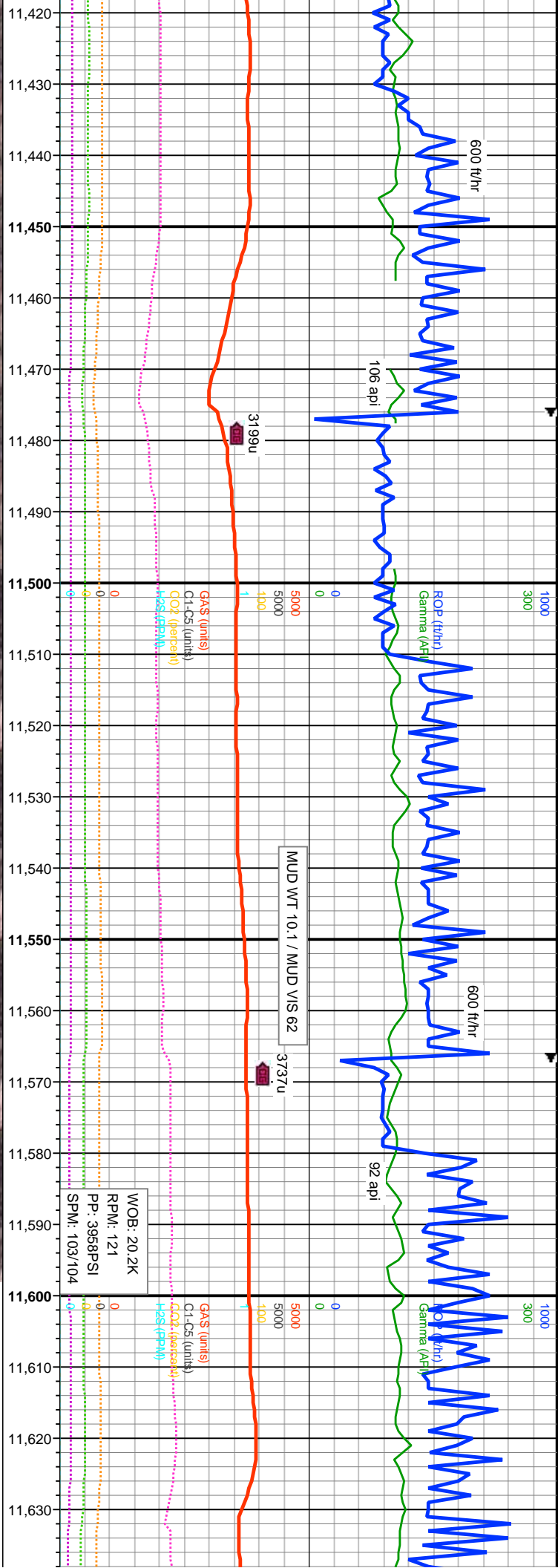


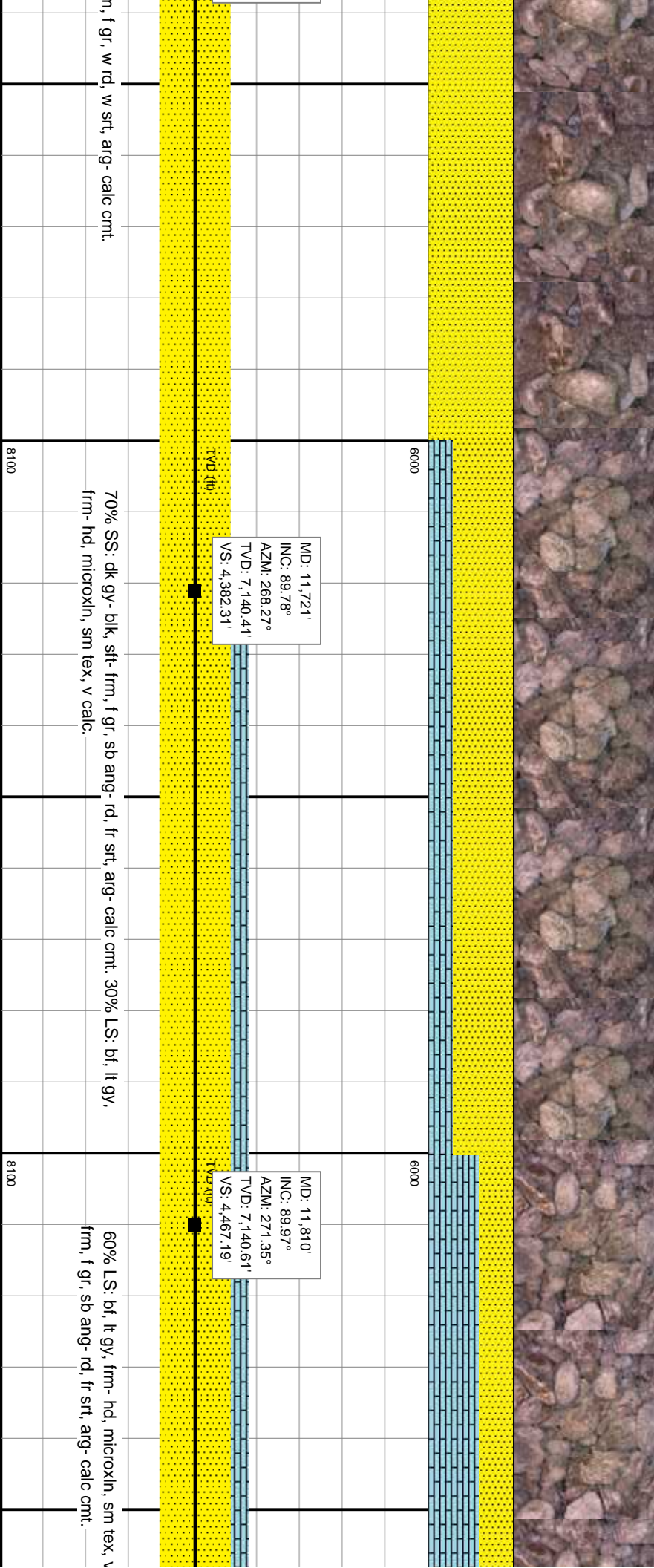
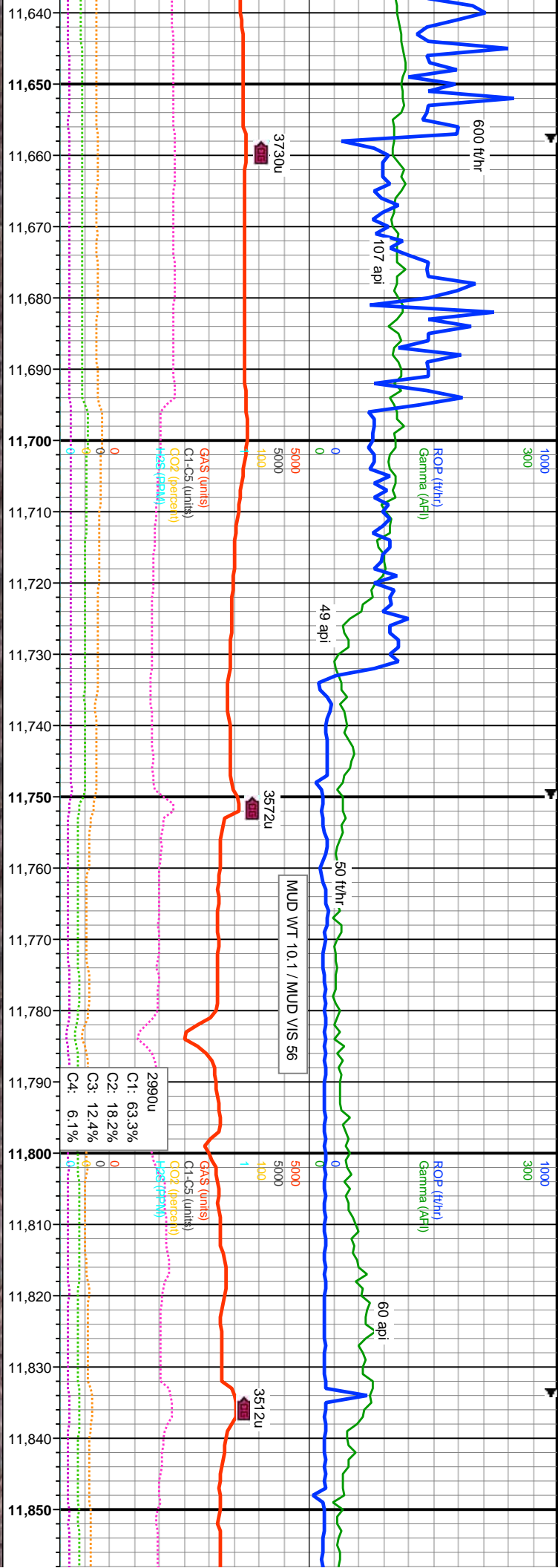






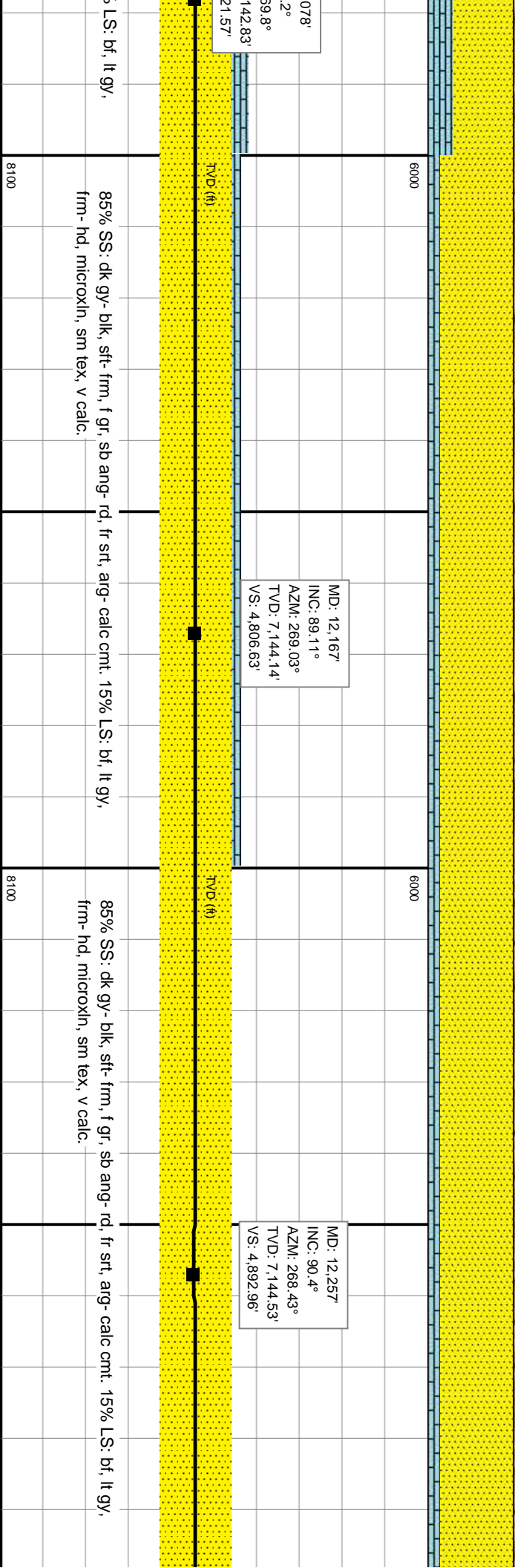




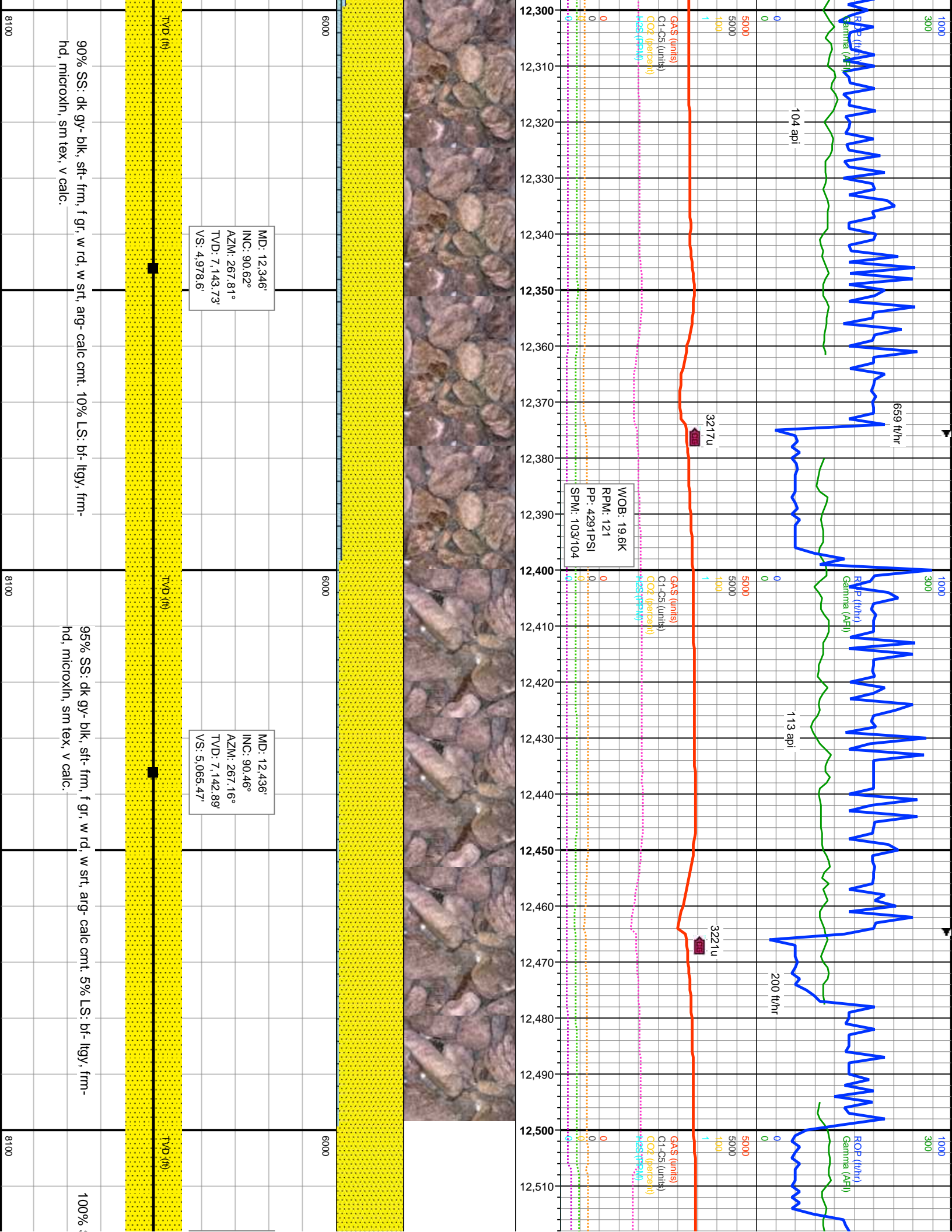


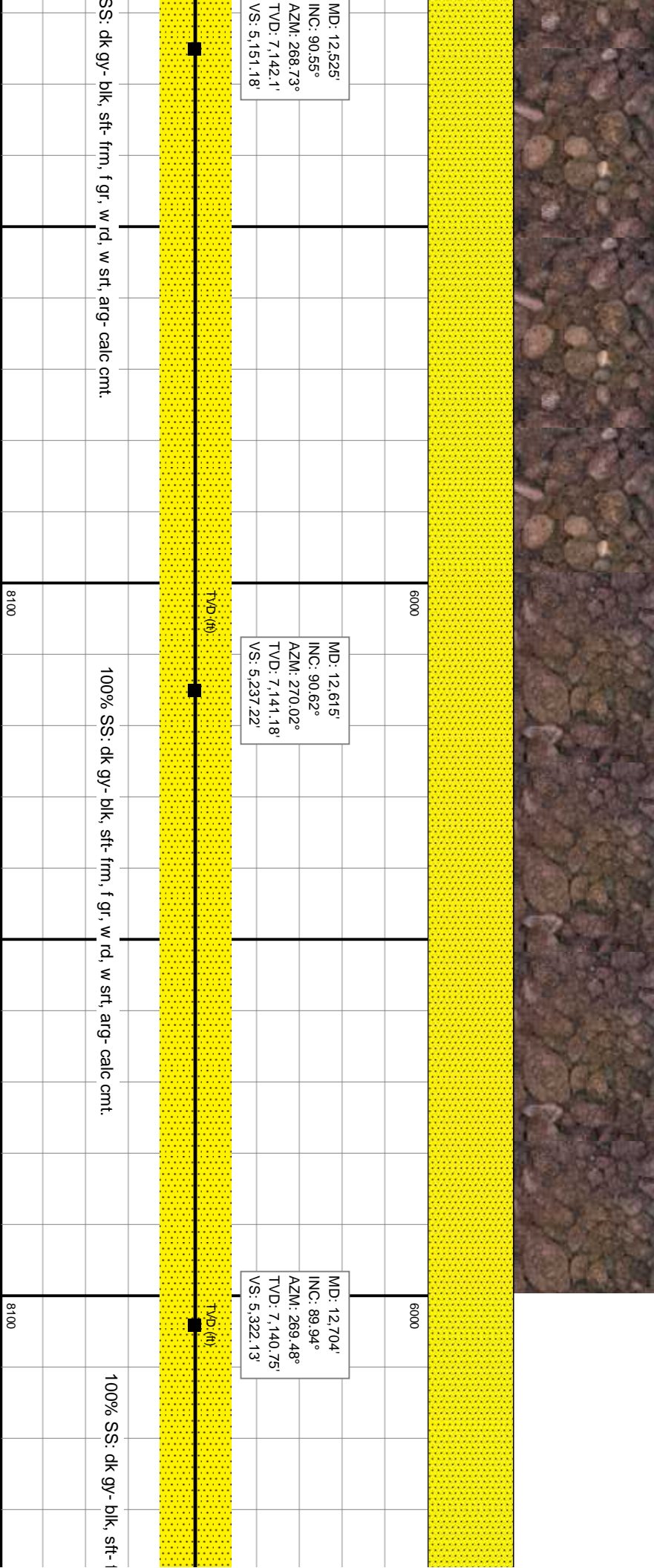
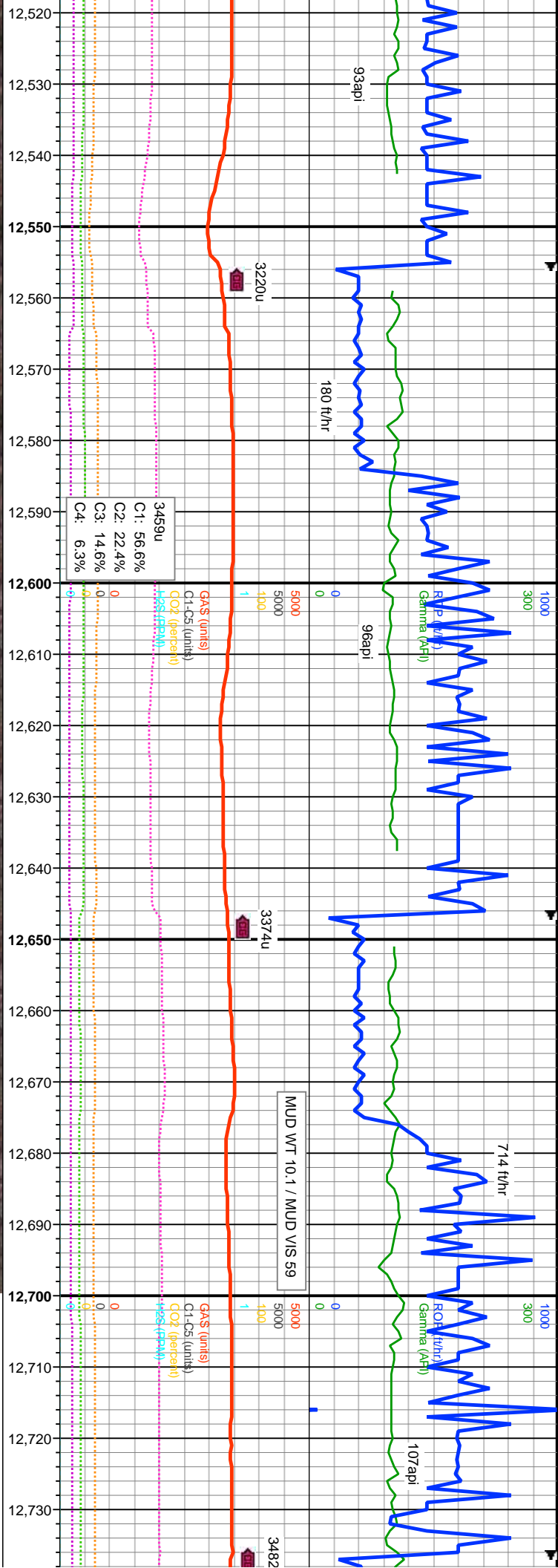




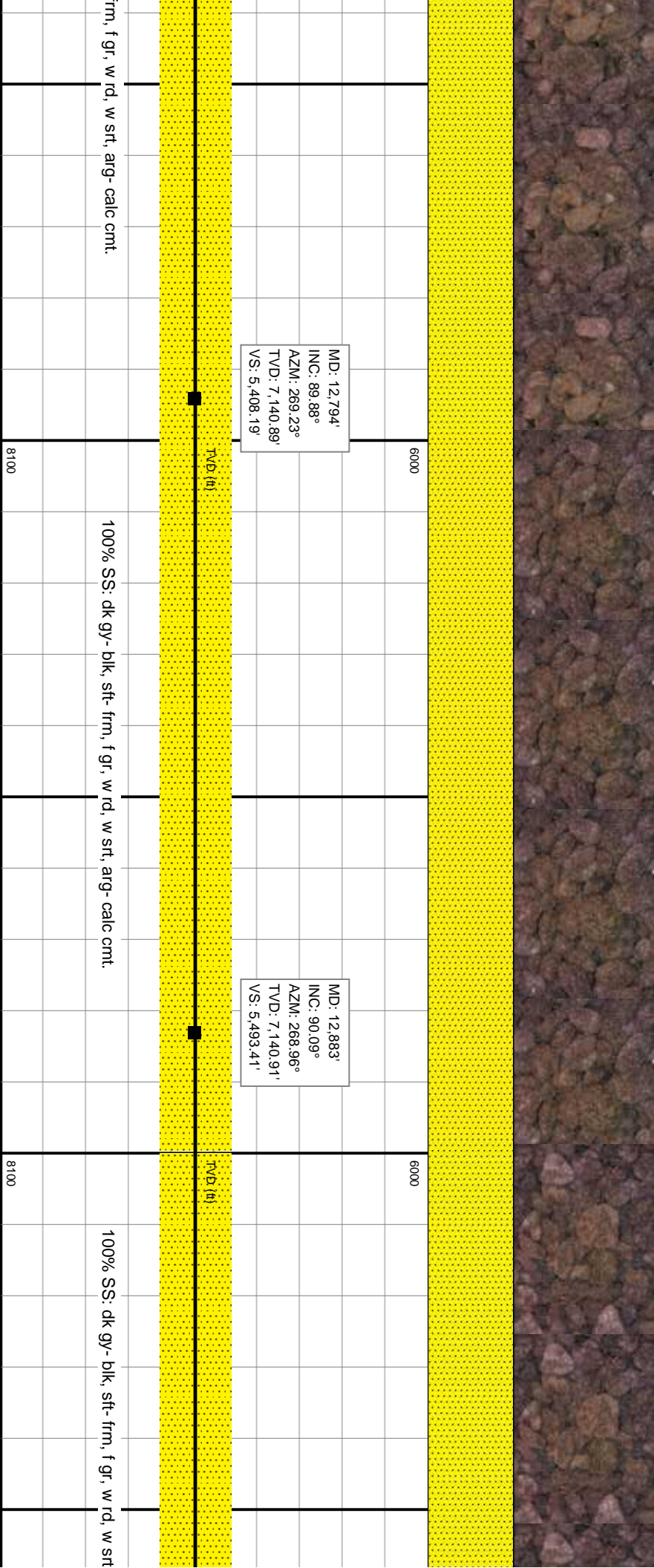
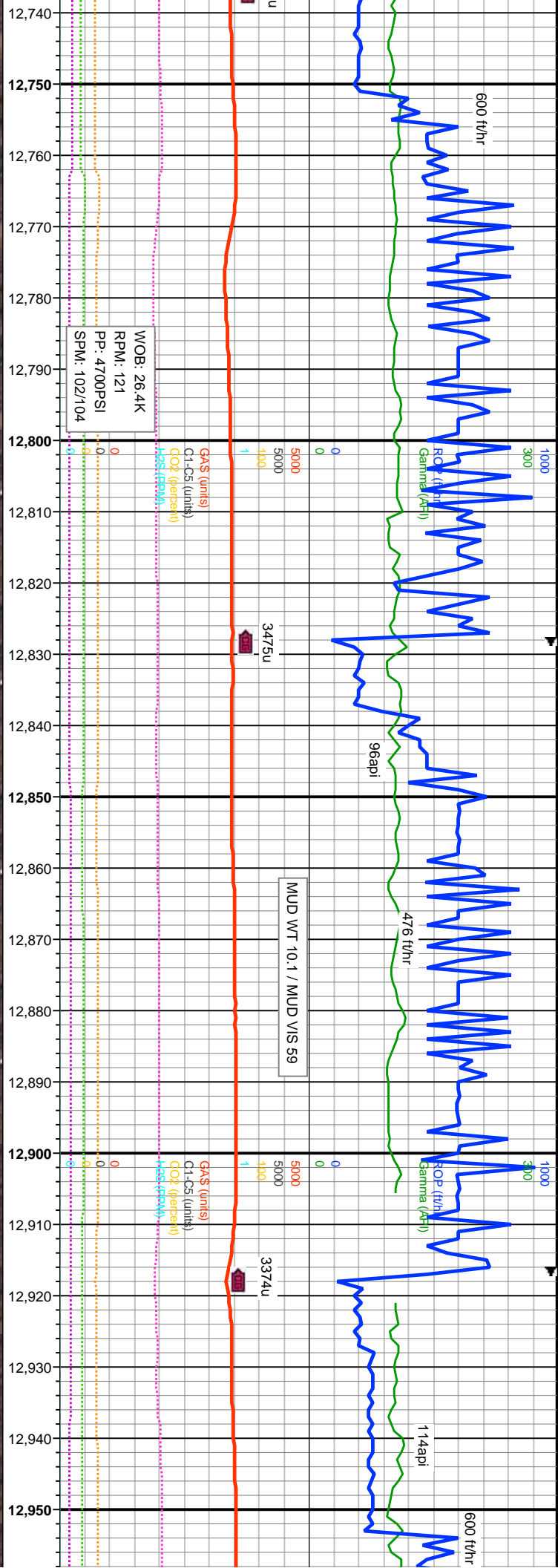


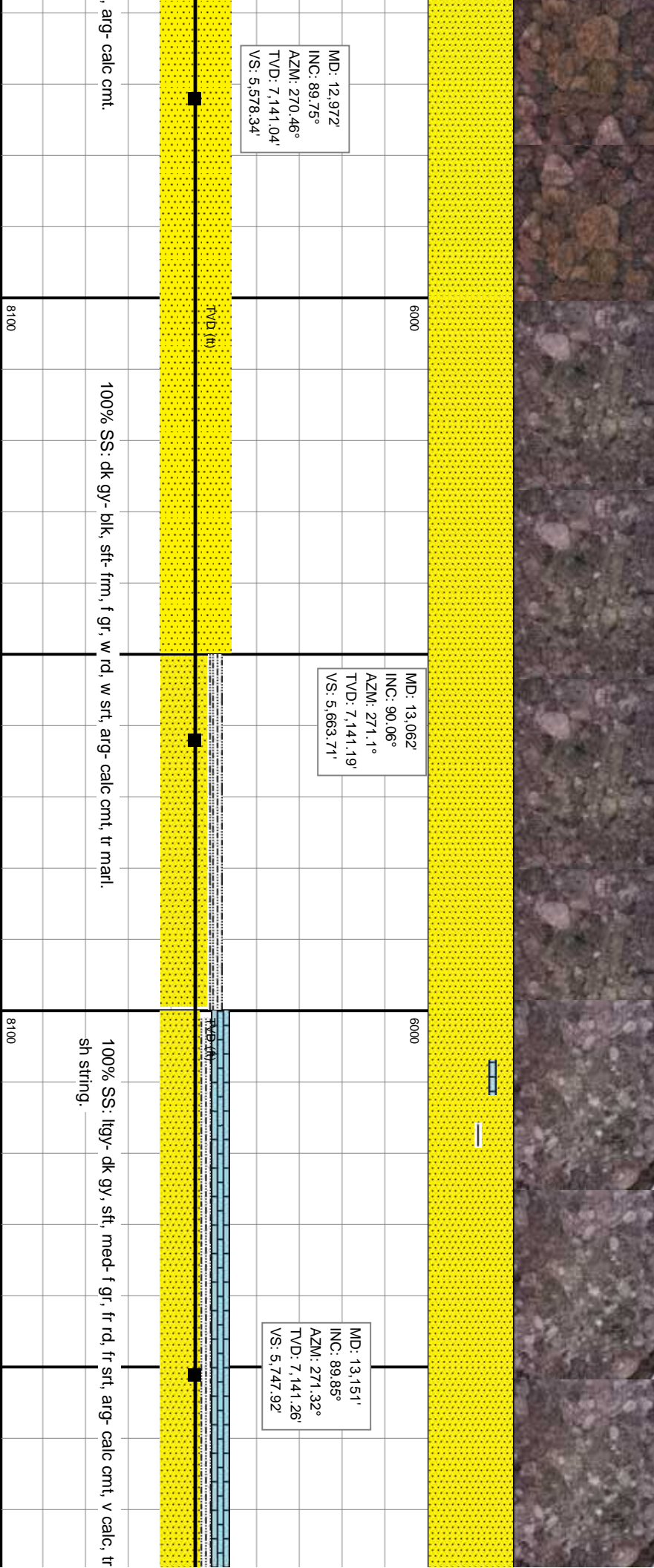
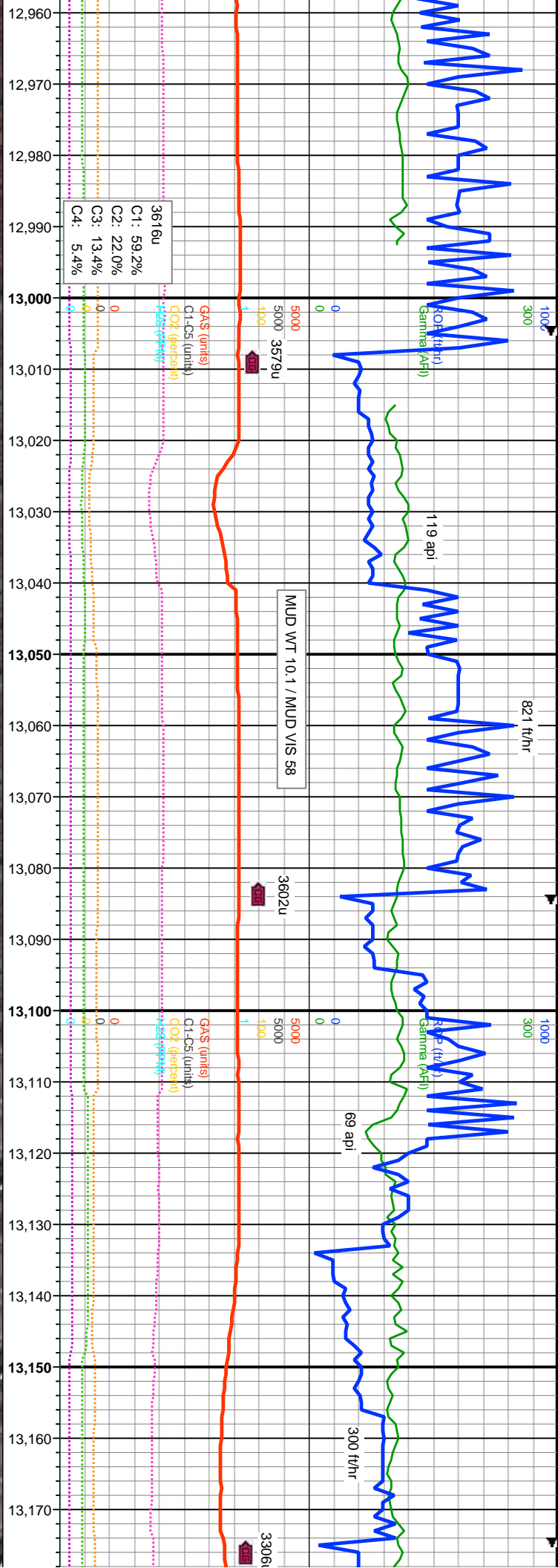




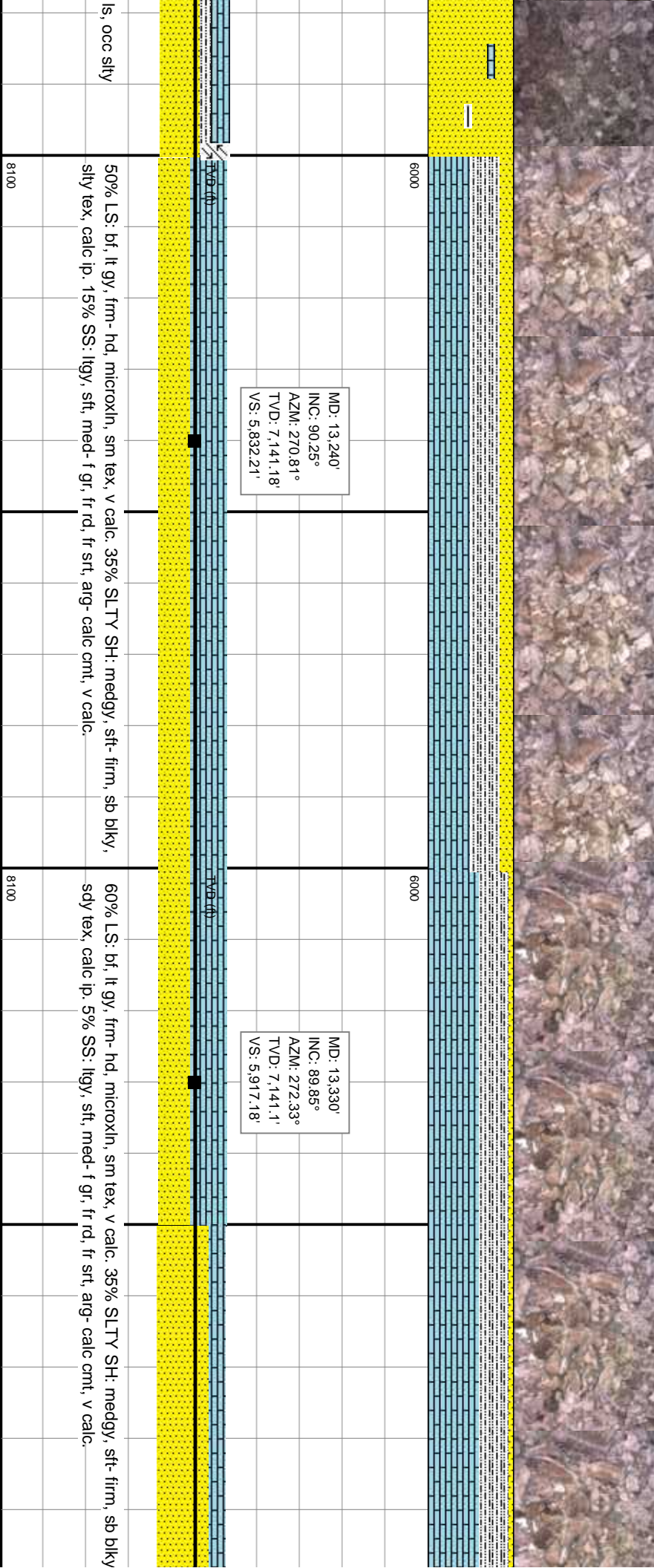
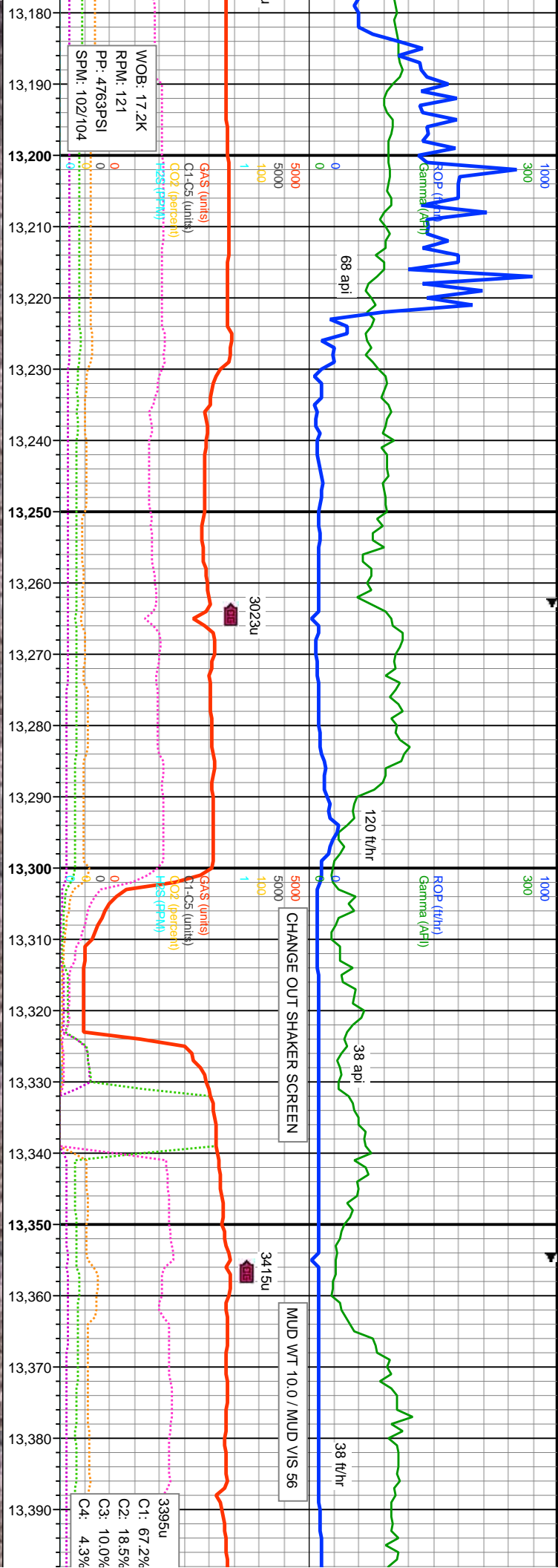


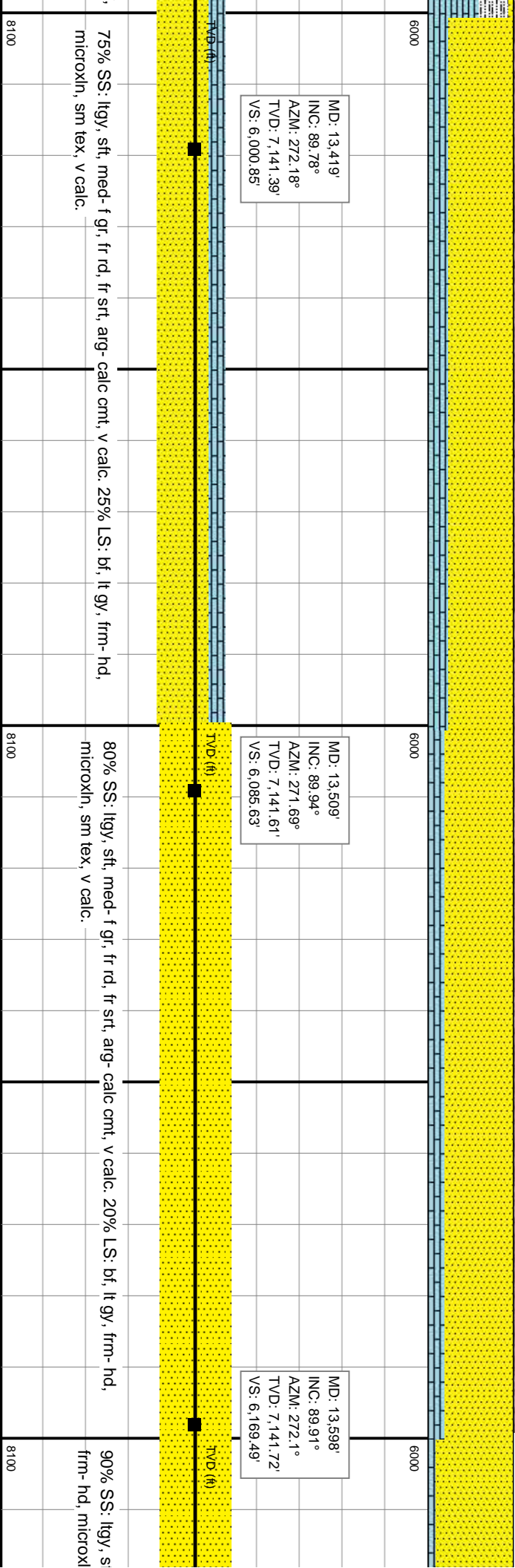
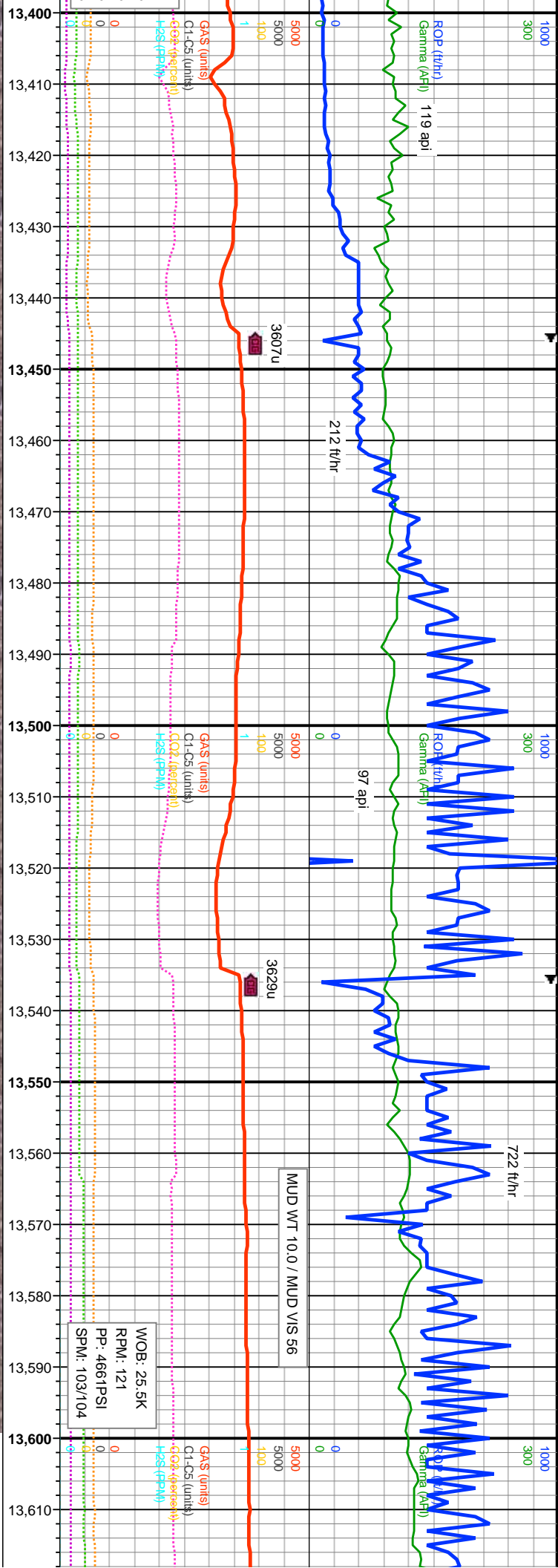




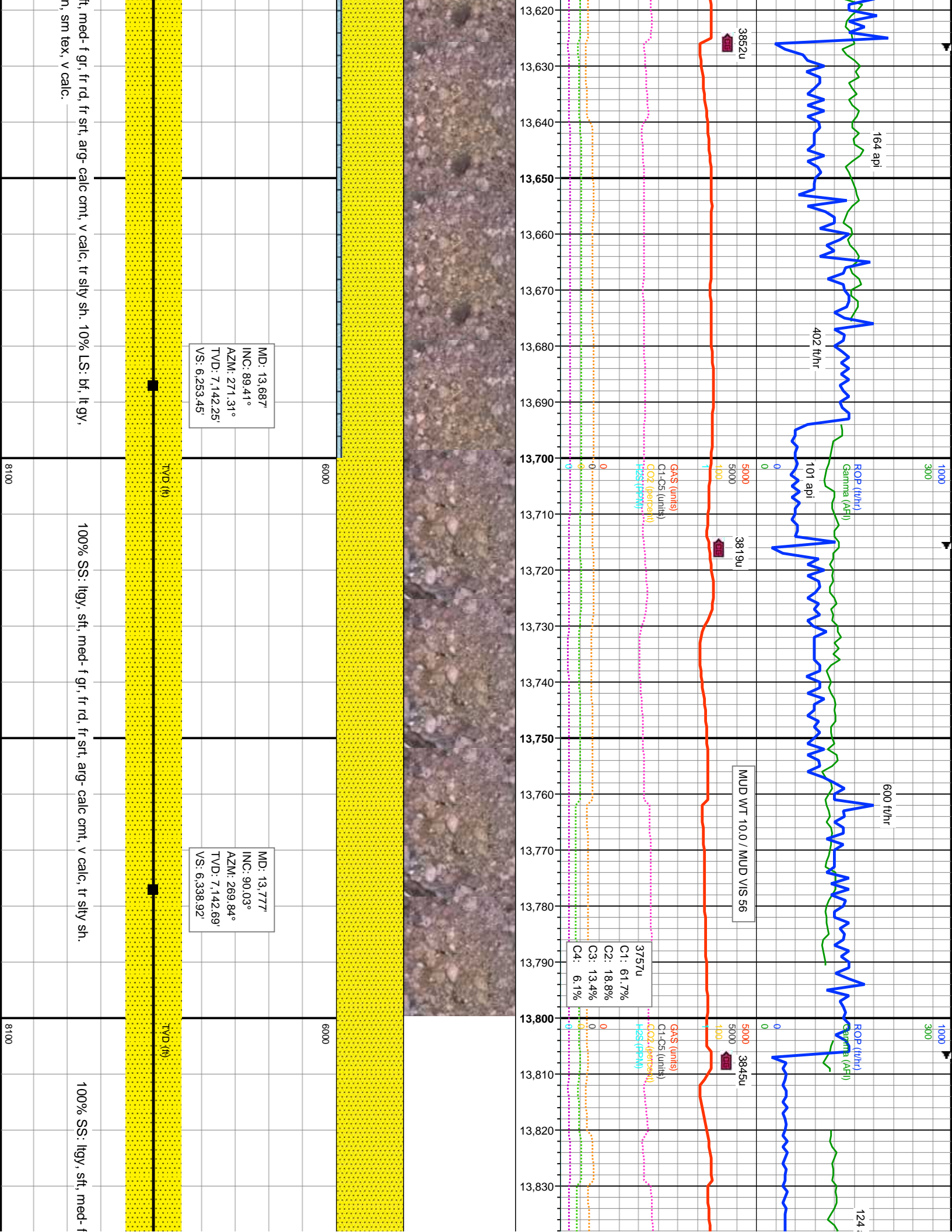


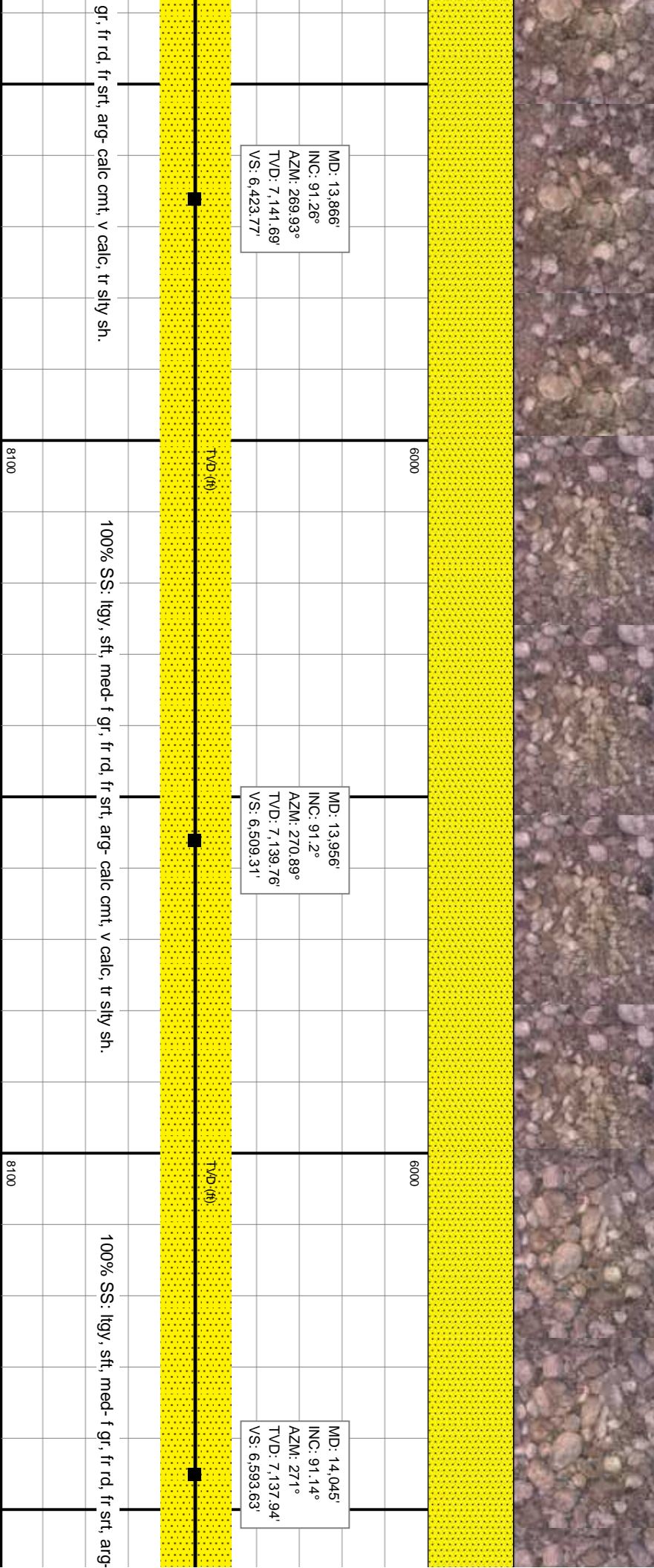
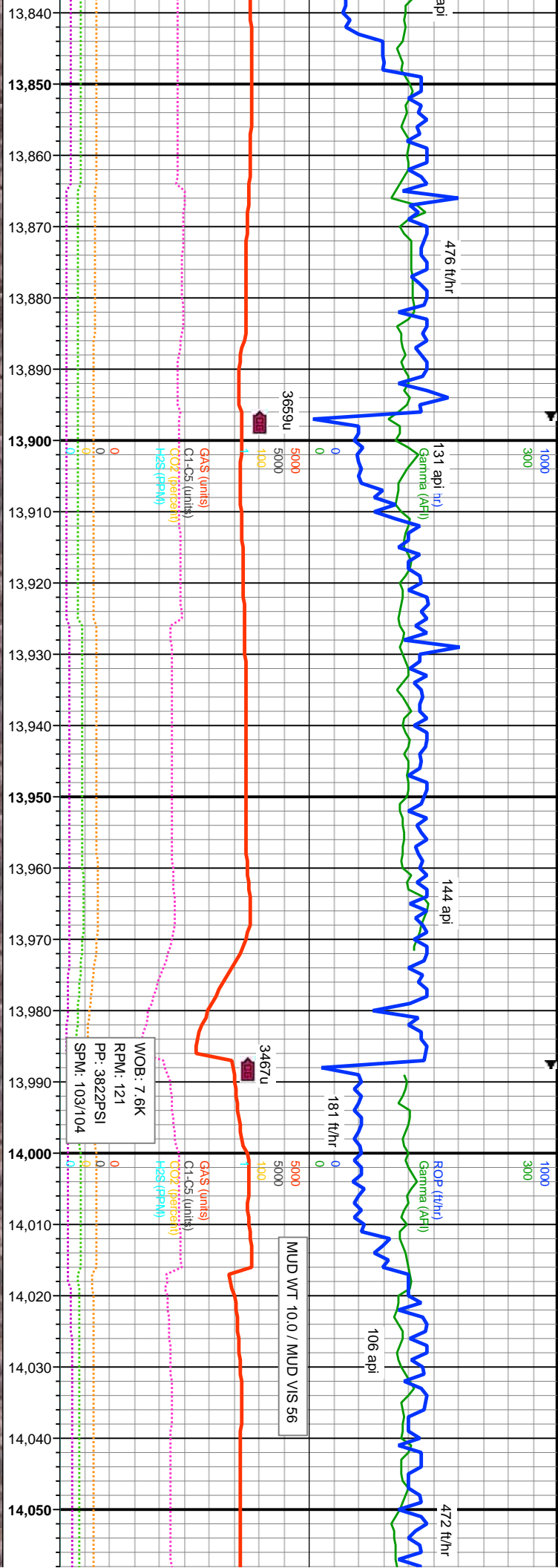




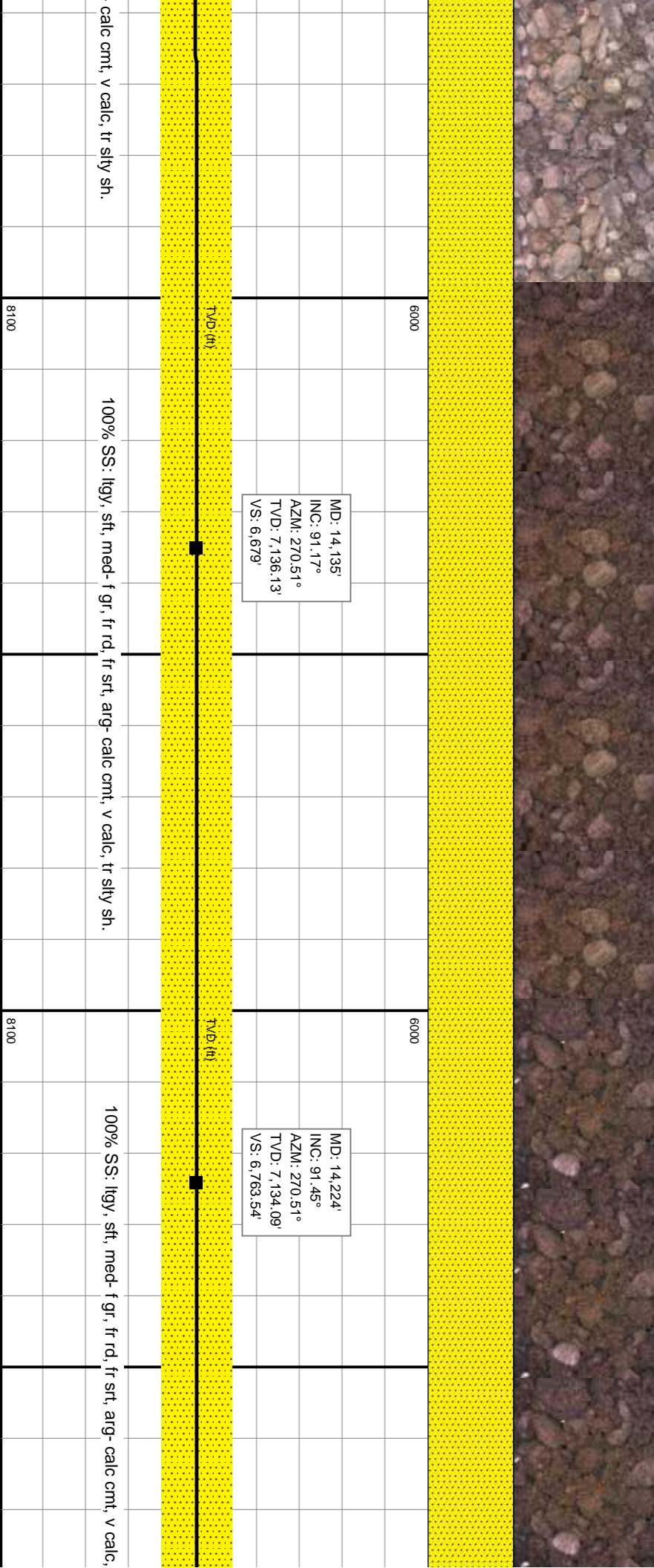
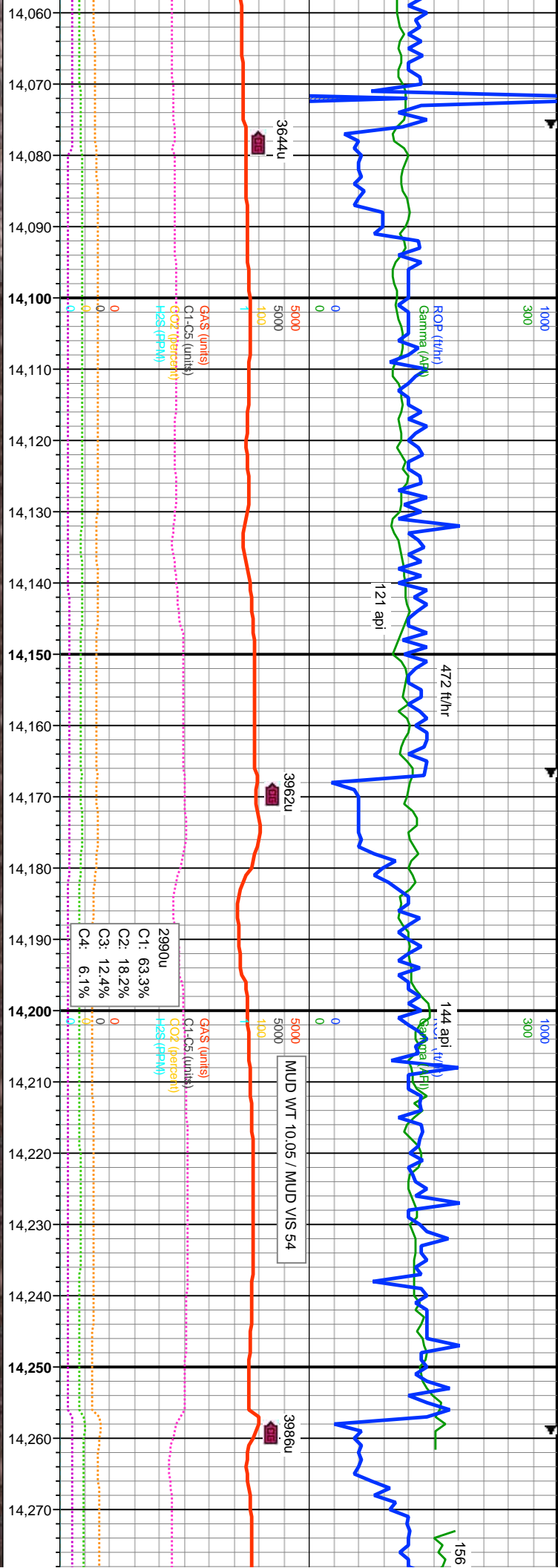


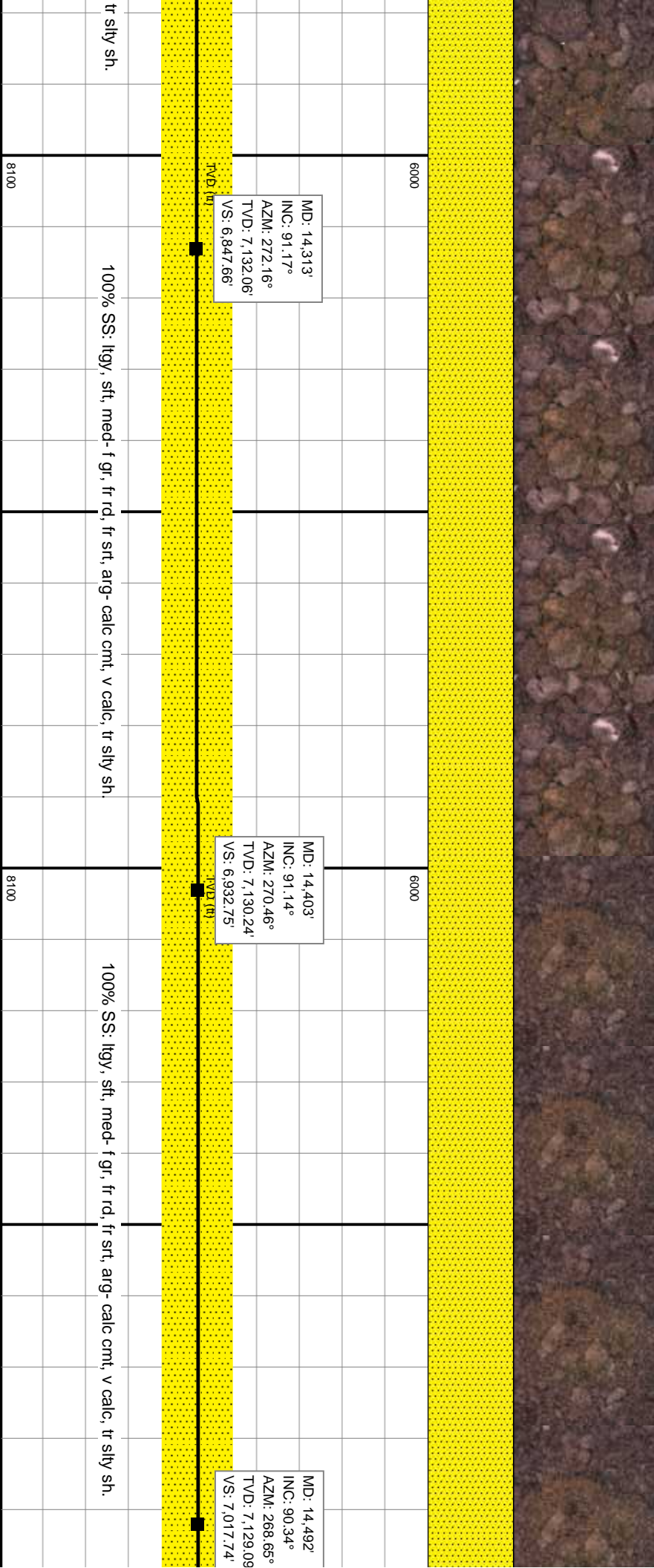
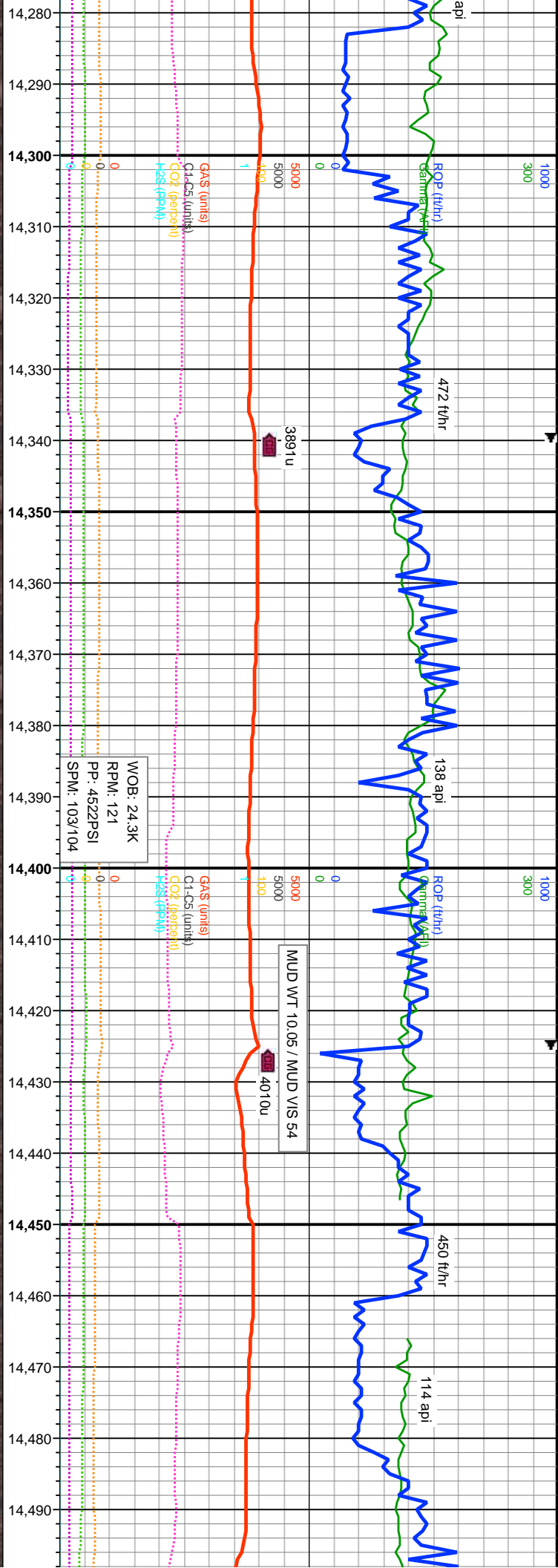






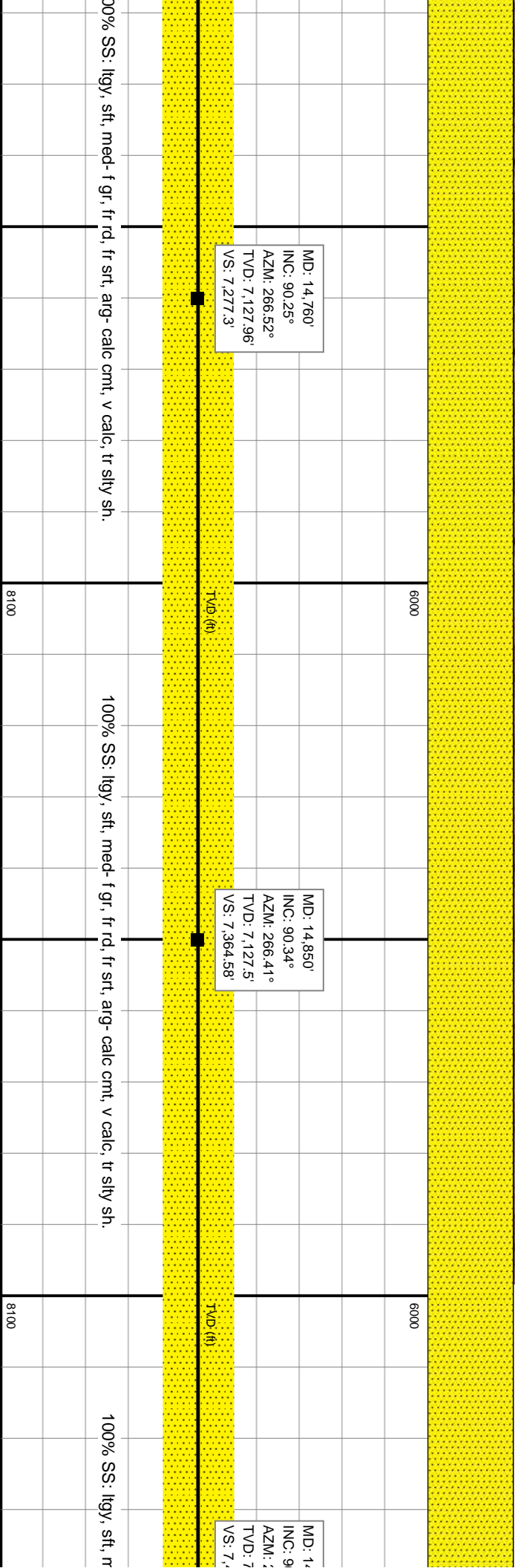
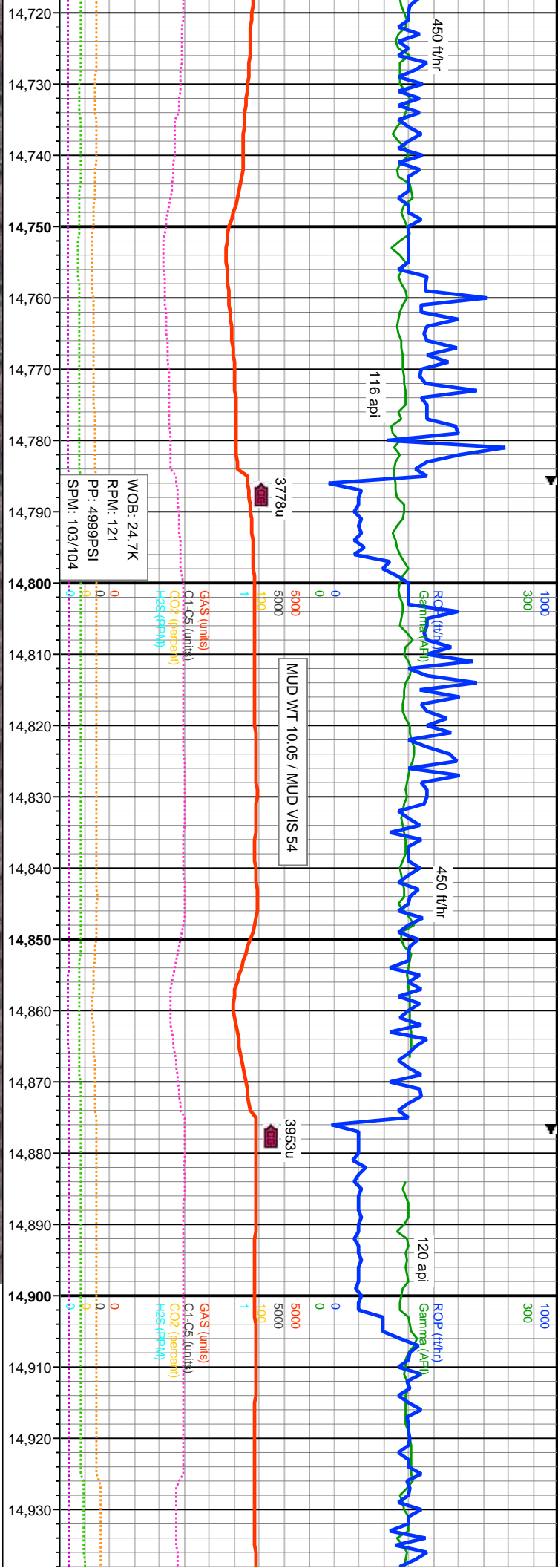




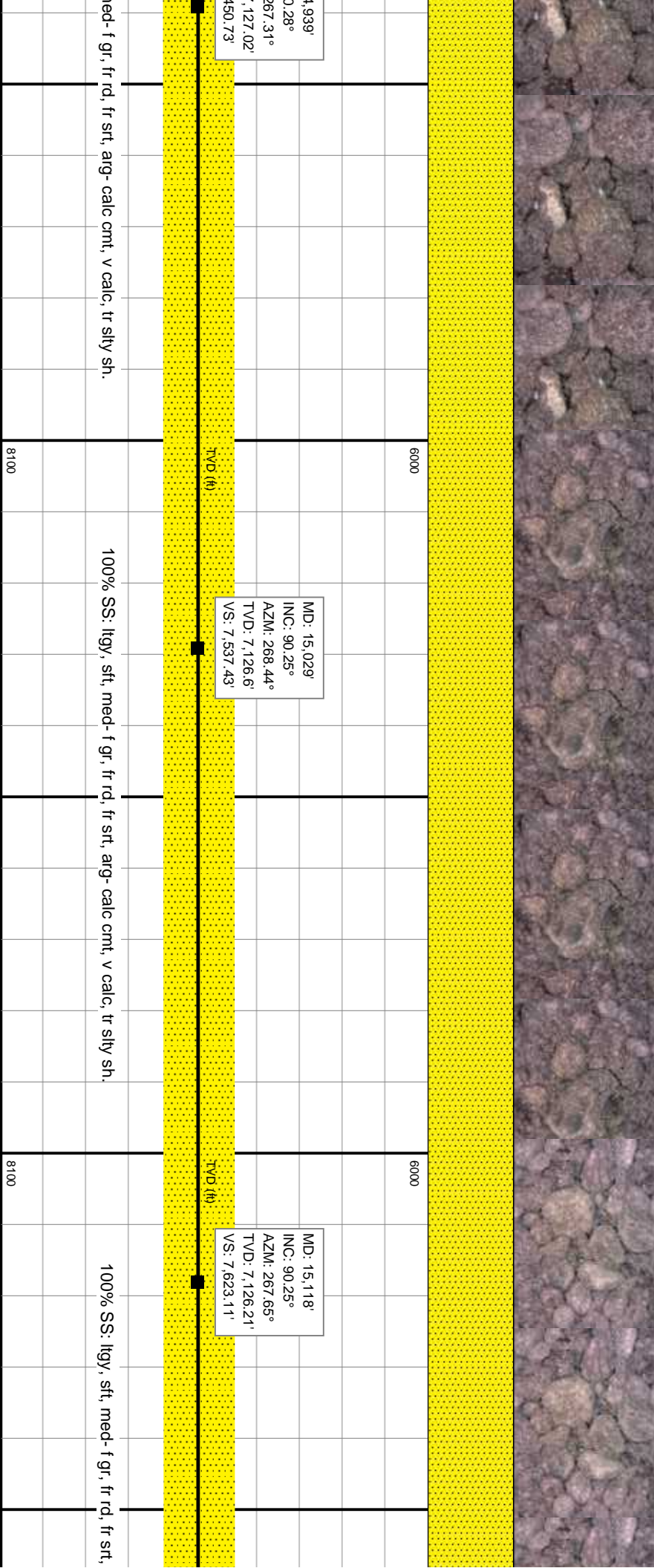
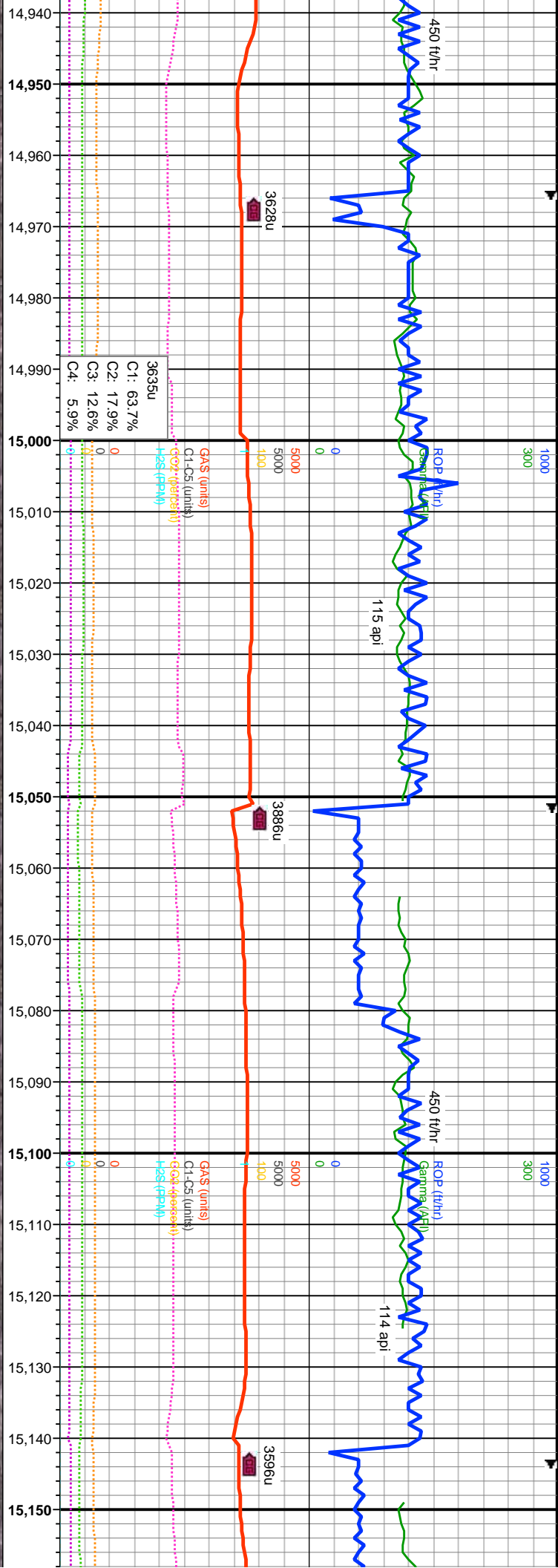


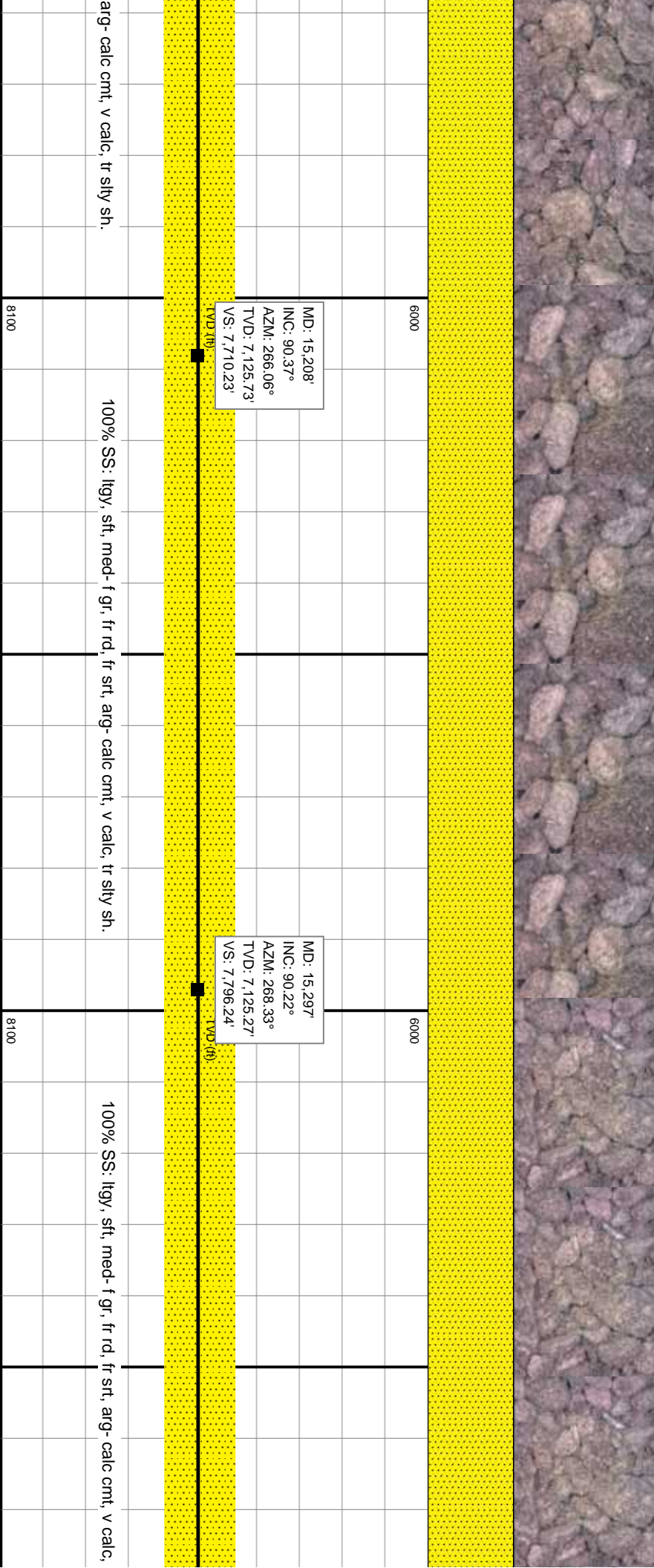
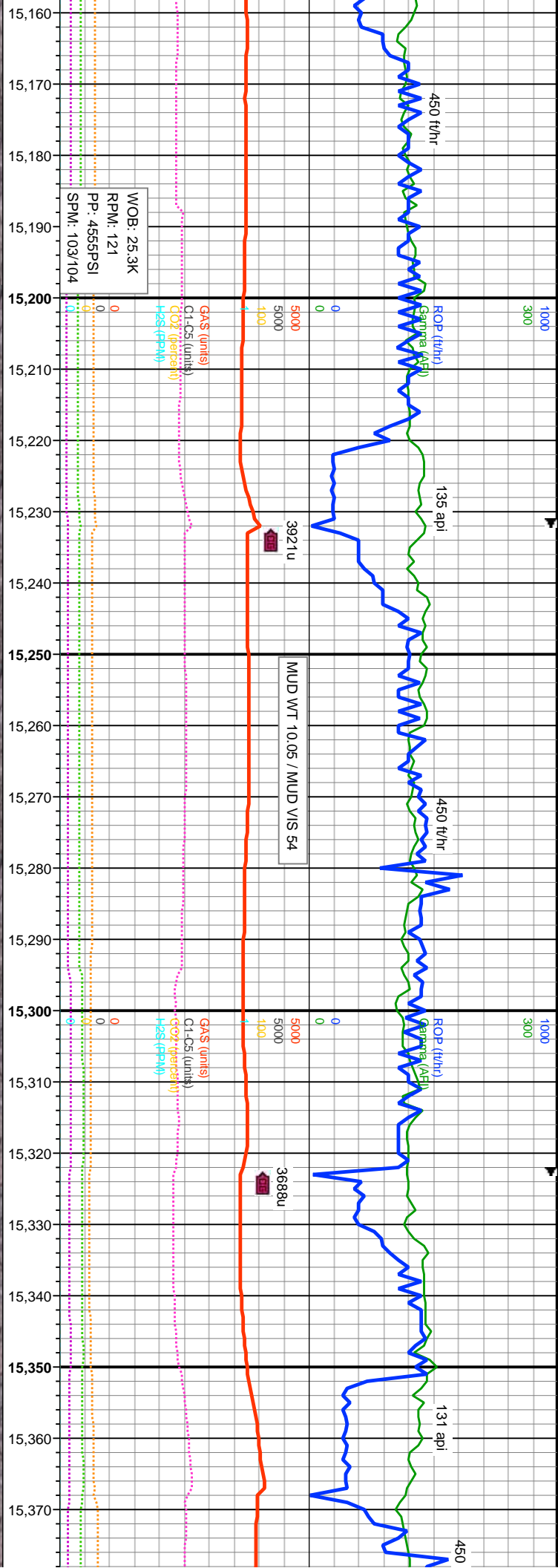




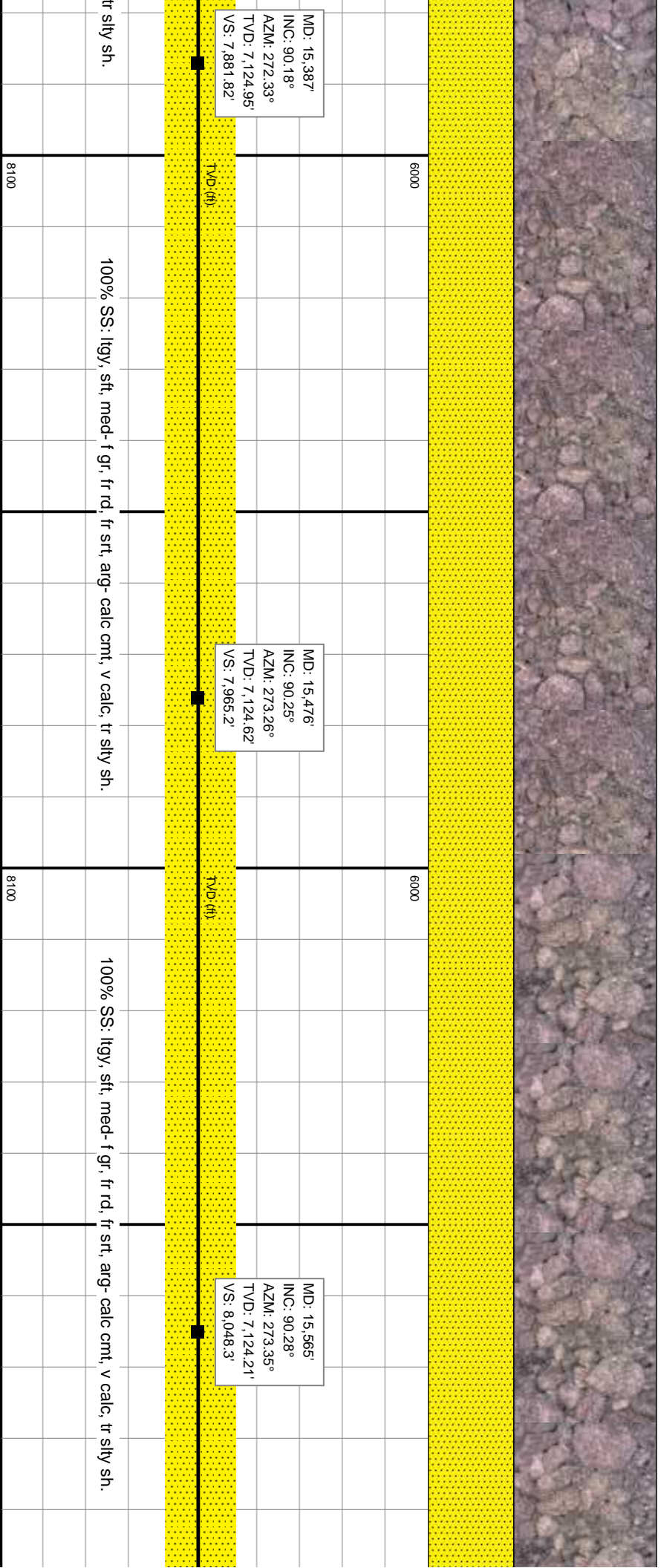
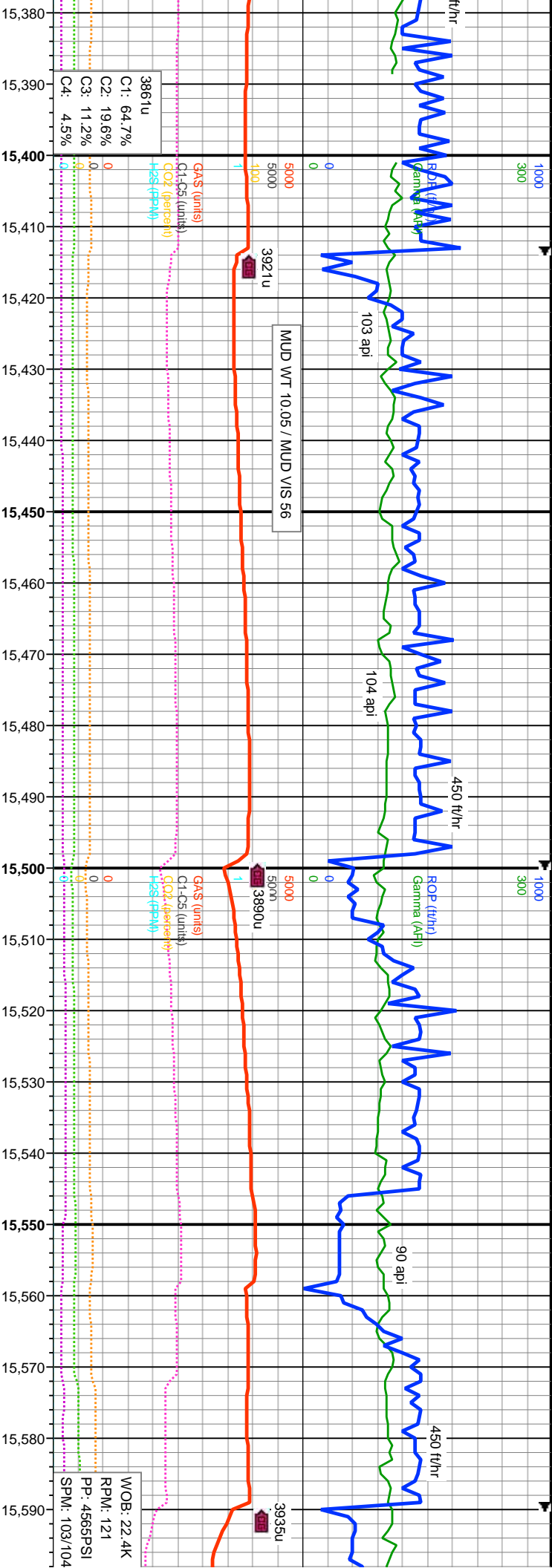


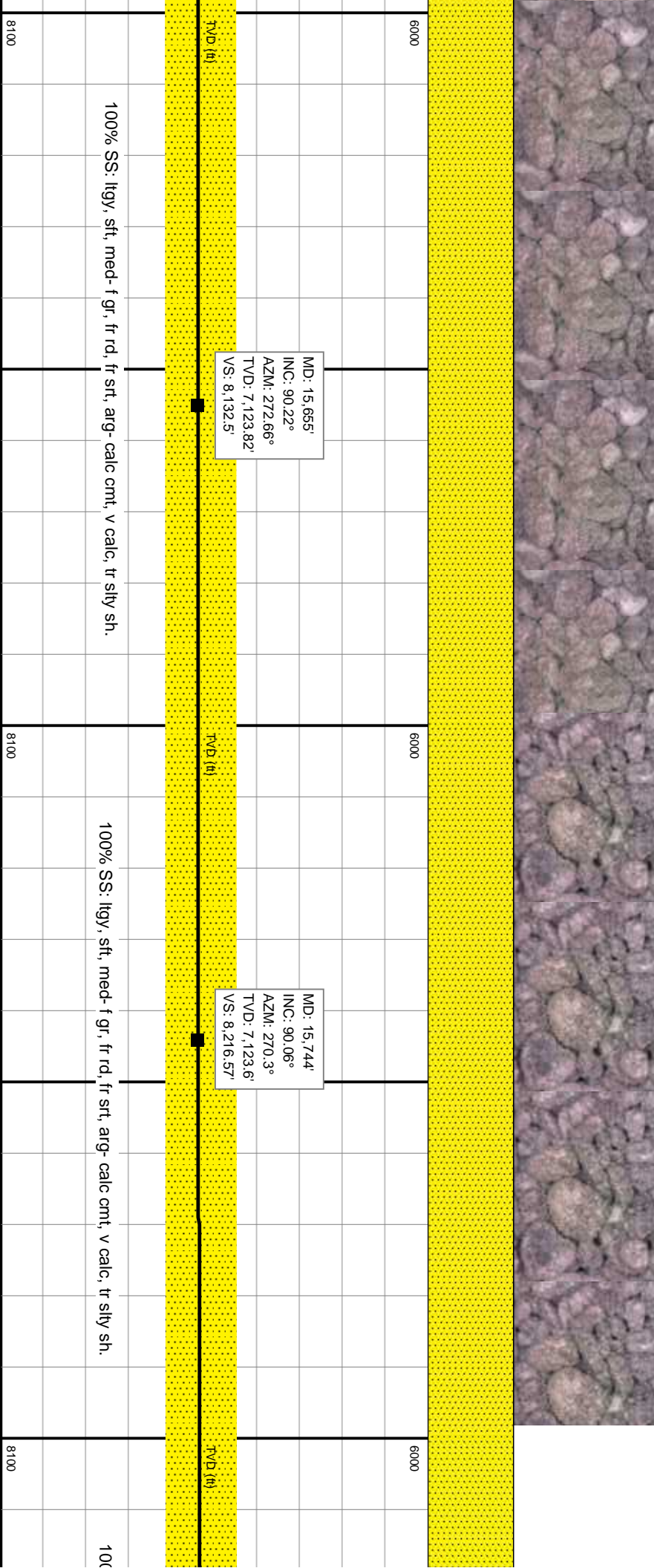
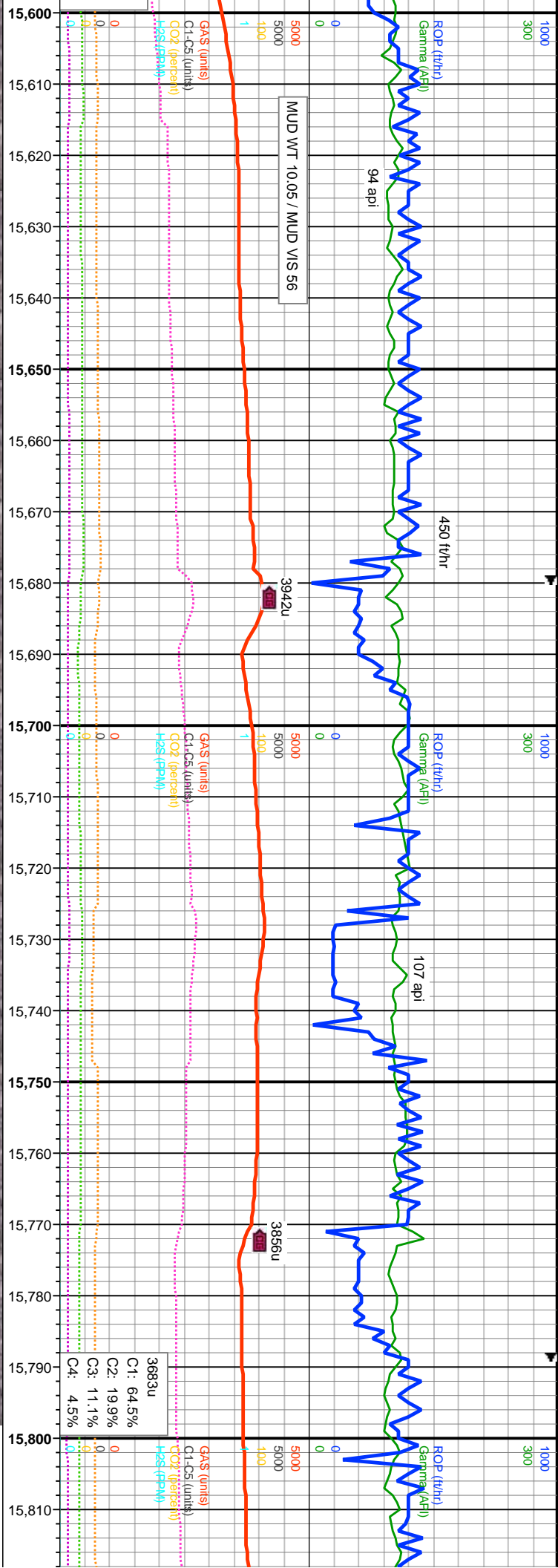




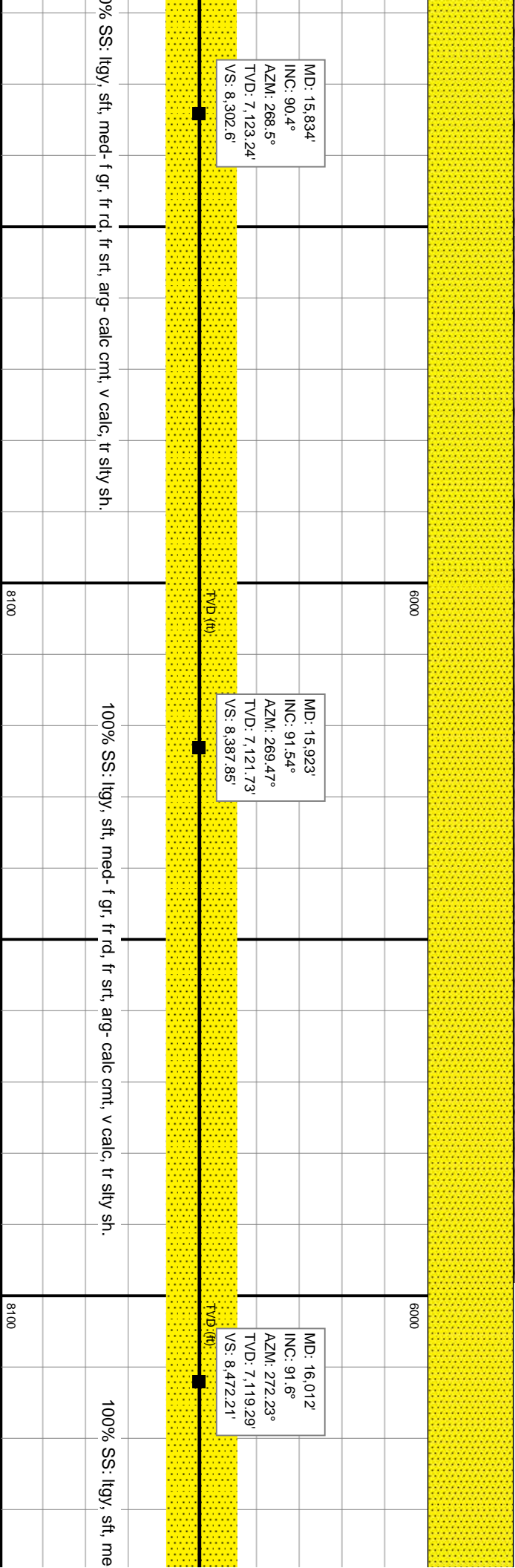
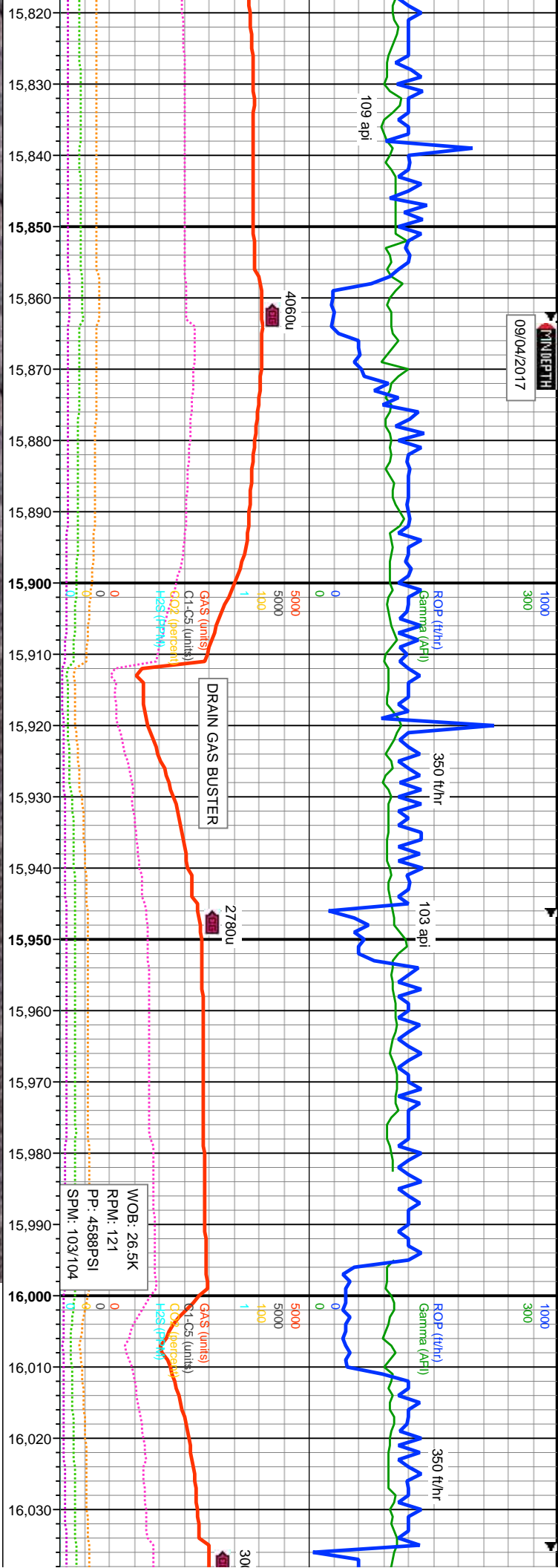


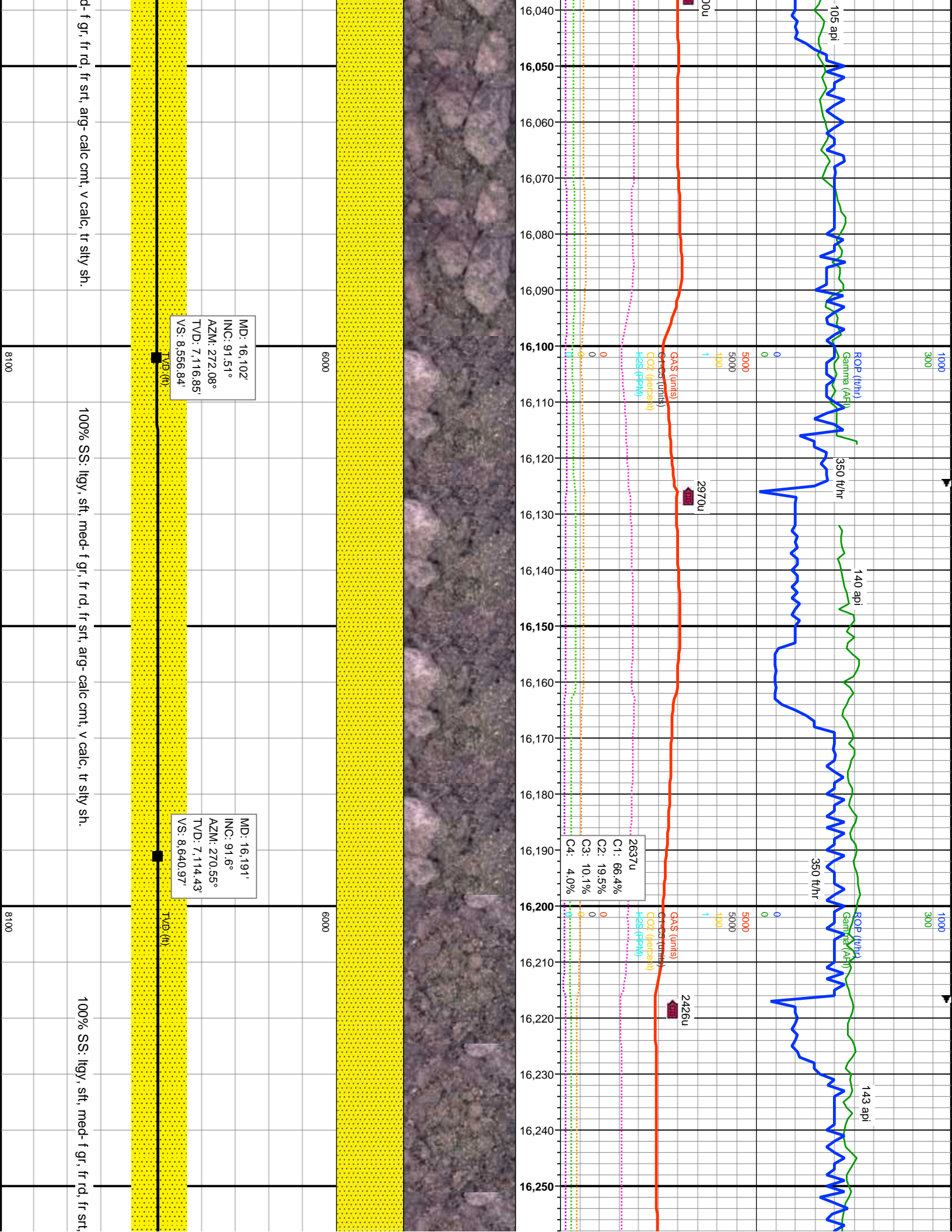












MD: 16,102'  
INC: 91.51°  
AZM: 272.08°  
TVD: 7,116.85'  
VS: 8,556.84'

MD: 16,191'  
INC: 91.6°  
AZM: 270.55°  
TVD: 7,114.43'  
VS: 8,640.97'

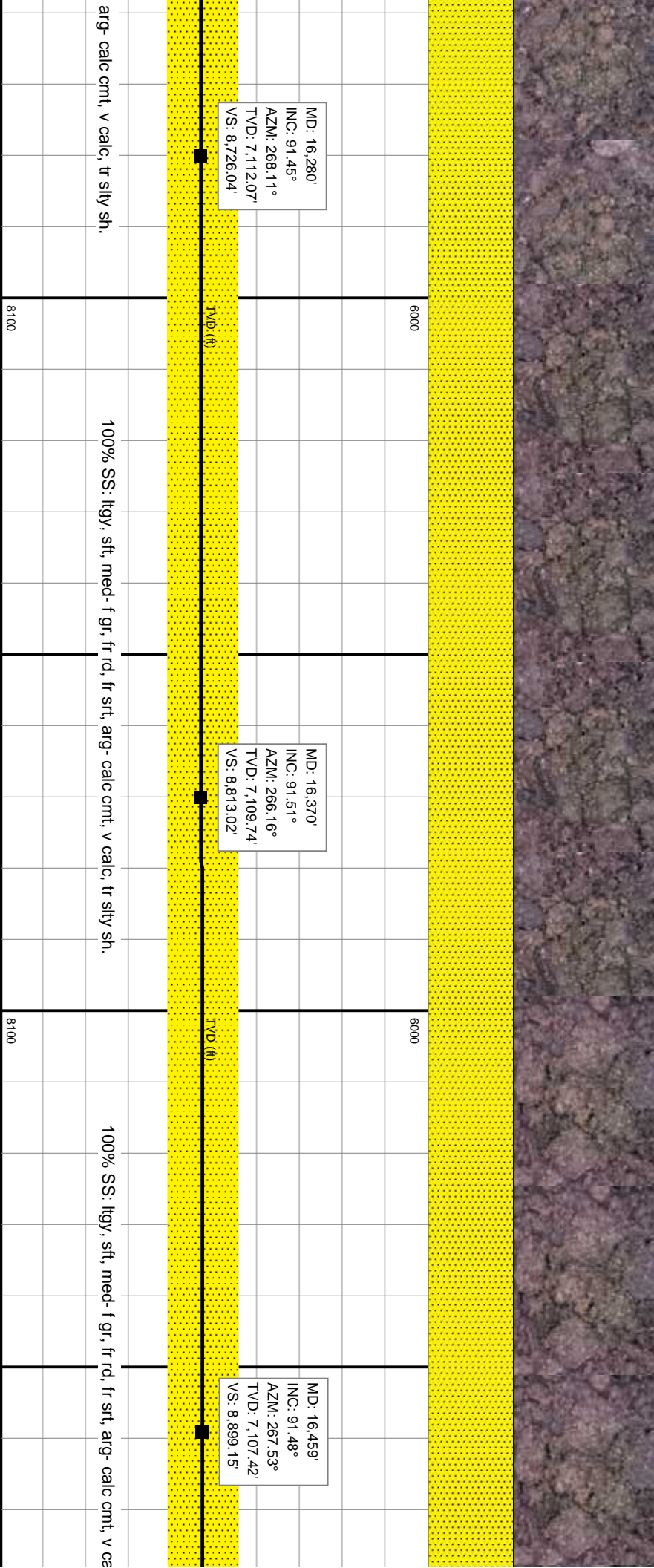
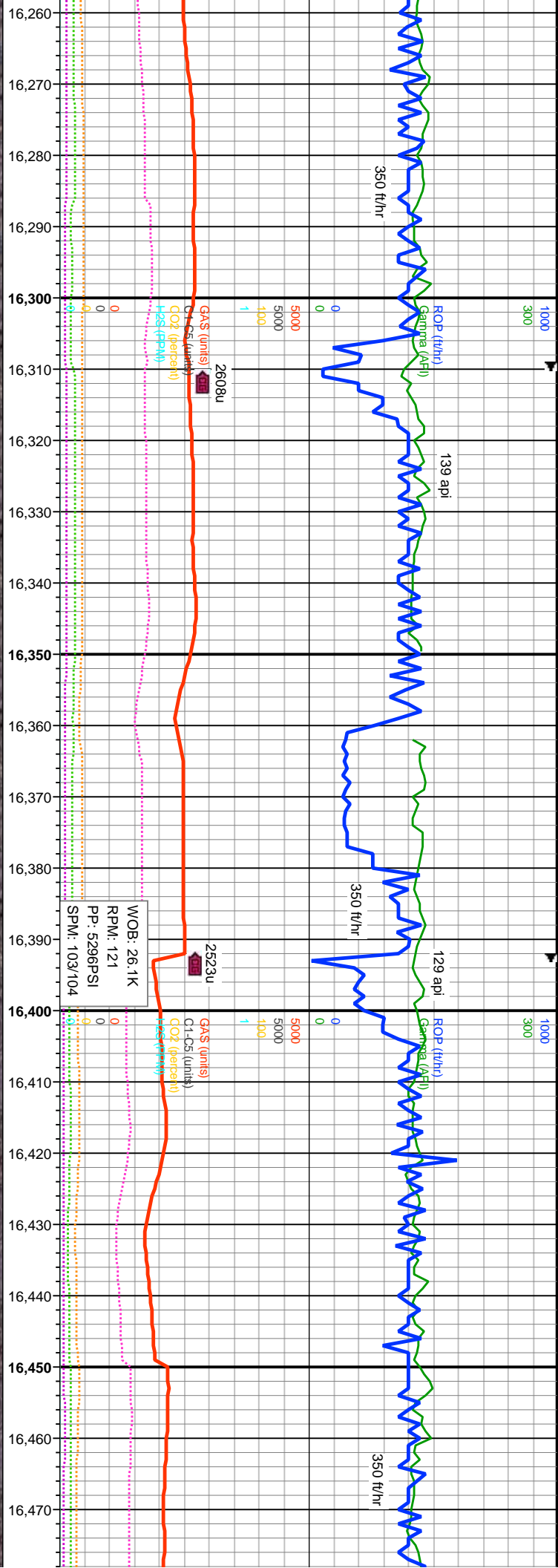
2637u  
C1: 66.4%  
C2: 19.5%  
C3: 10.1%  
C4: 4.0%

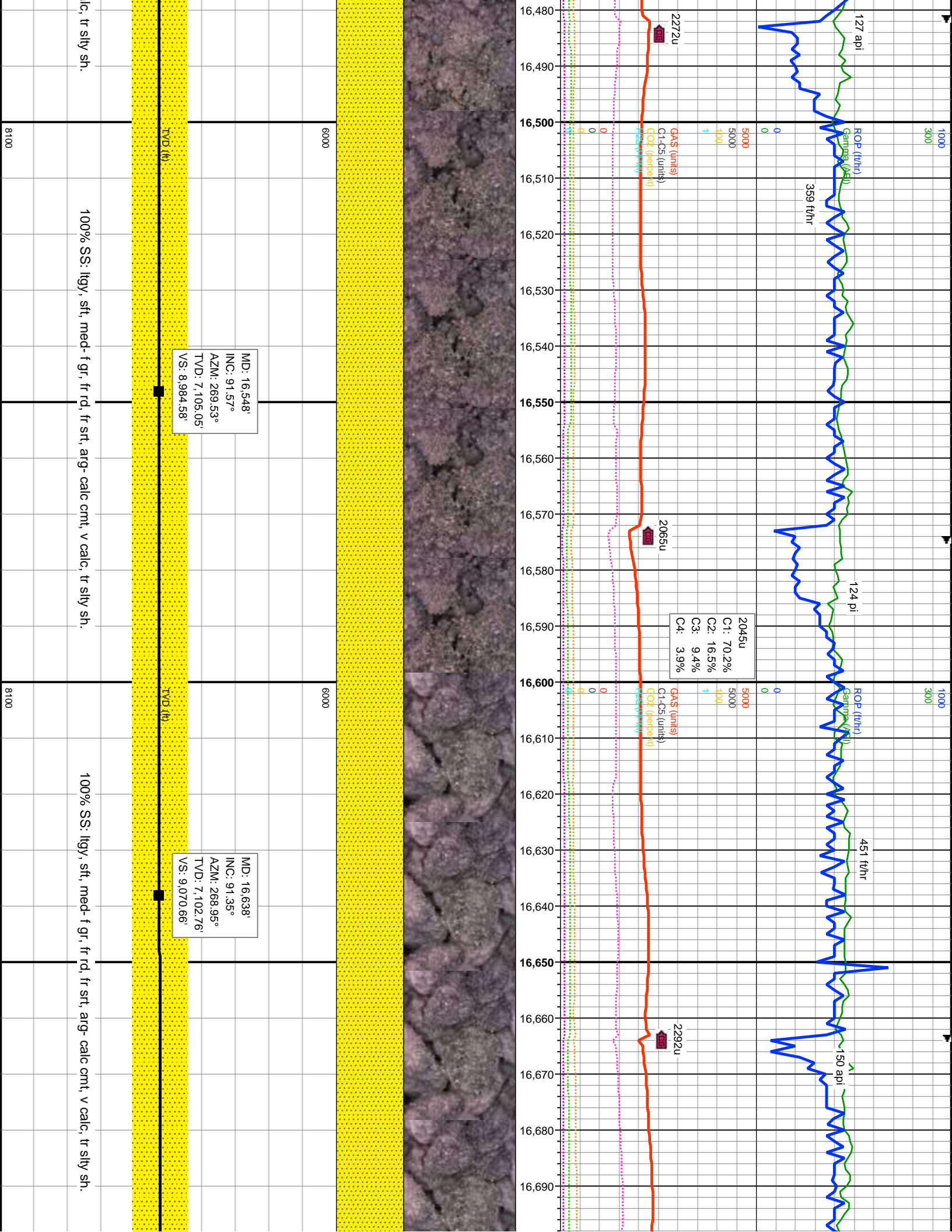
100% SS: lgy, sft, med- f gr, fr rd, fr srt, arg- calc cmt, v calc, tr silty sh.

100% SS: lgy, sft, med- f gr, fr rd, fr srt,

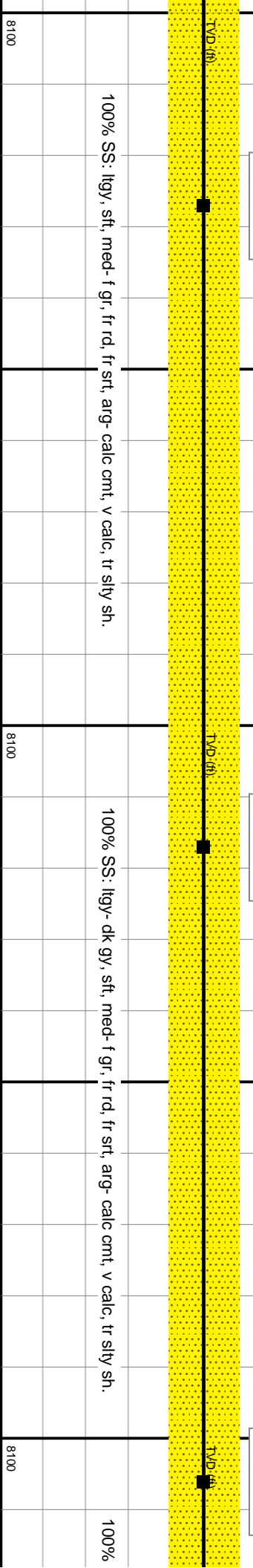
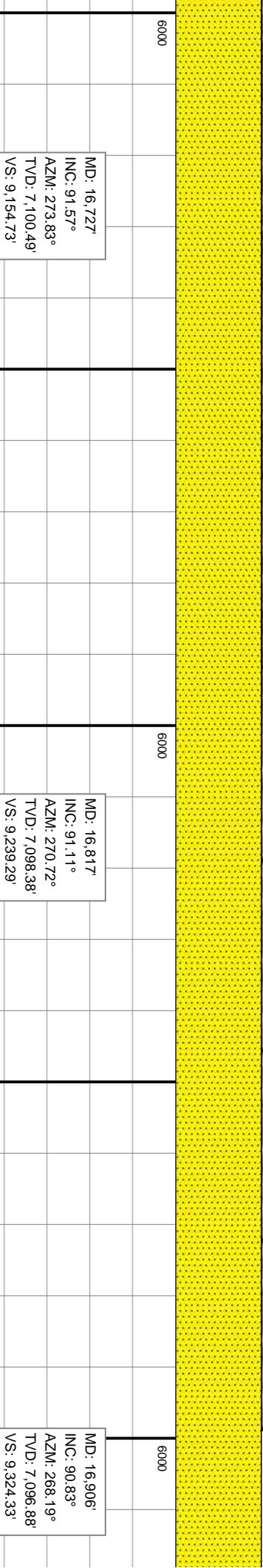
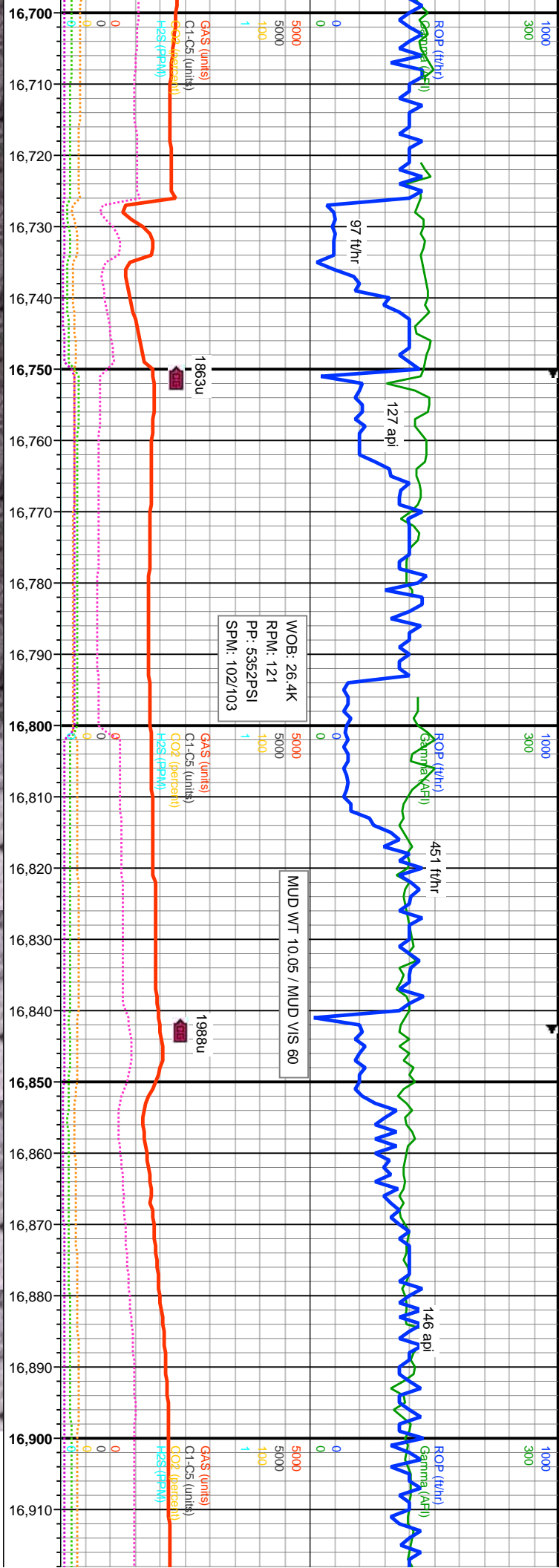
d- f gr, fr rd, fr srt, arg- calc cmt, v calc, tr silty sh.

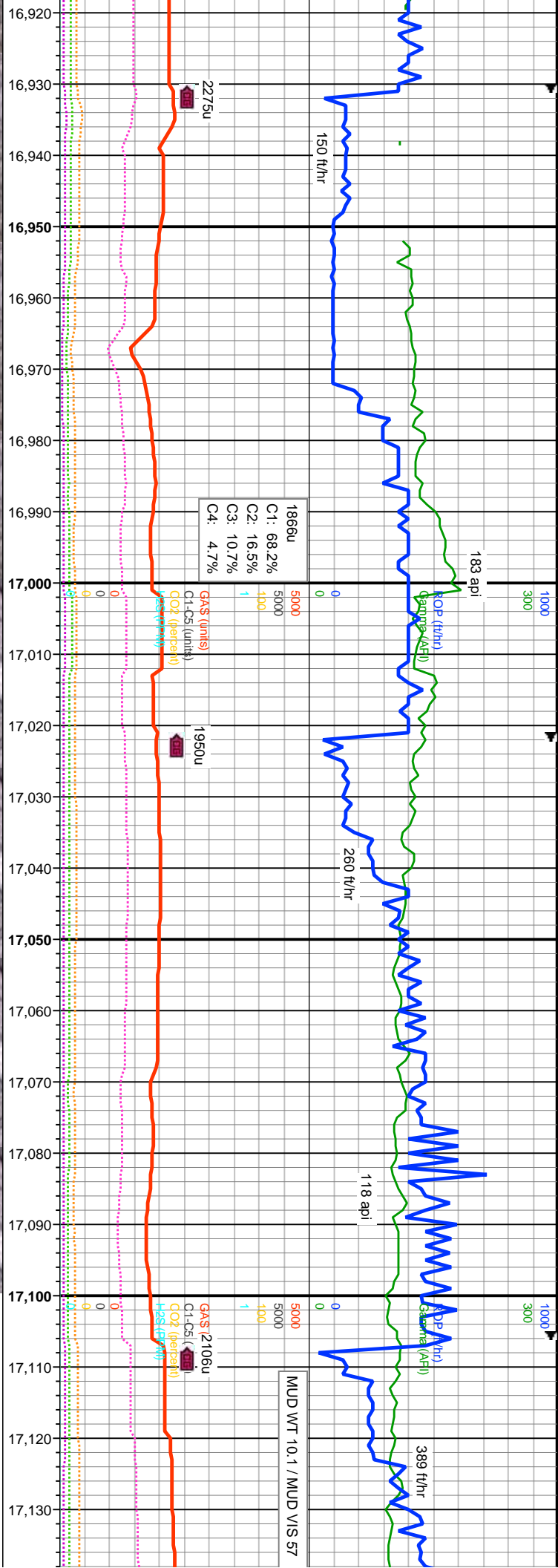






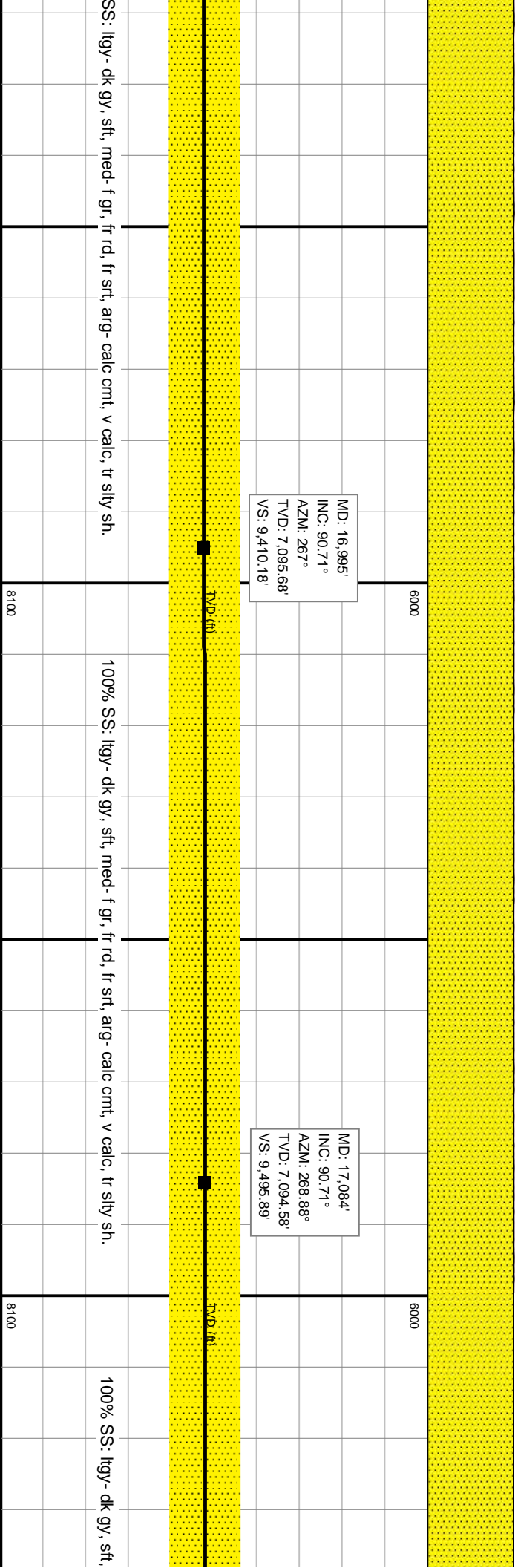




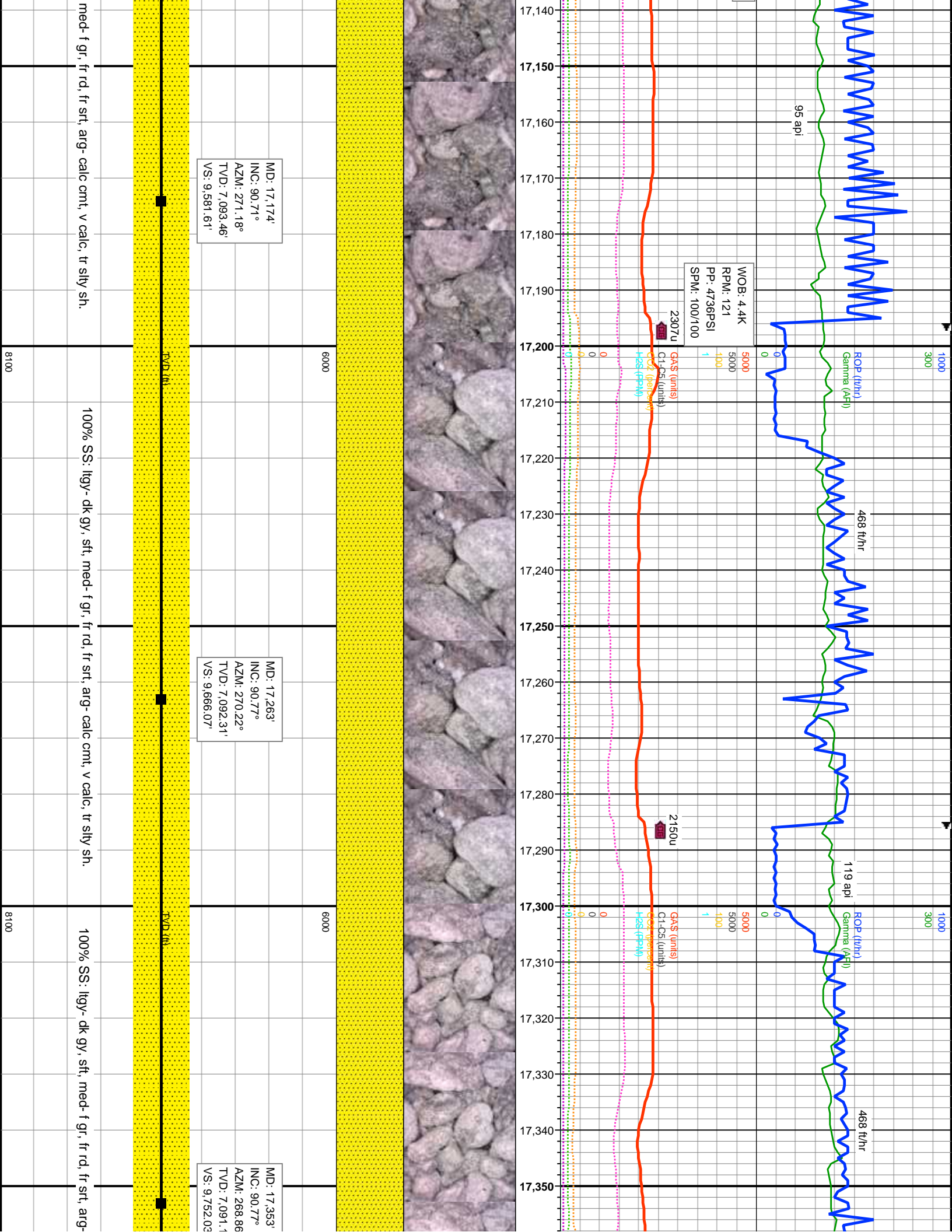


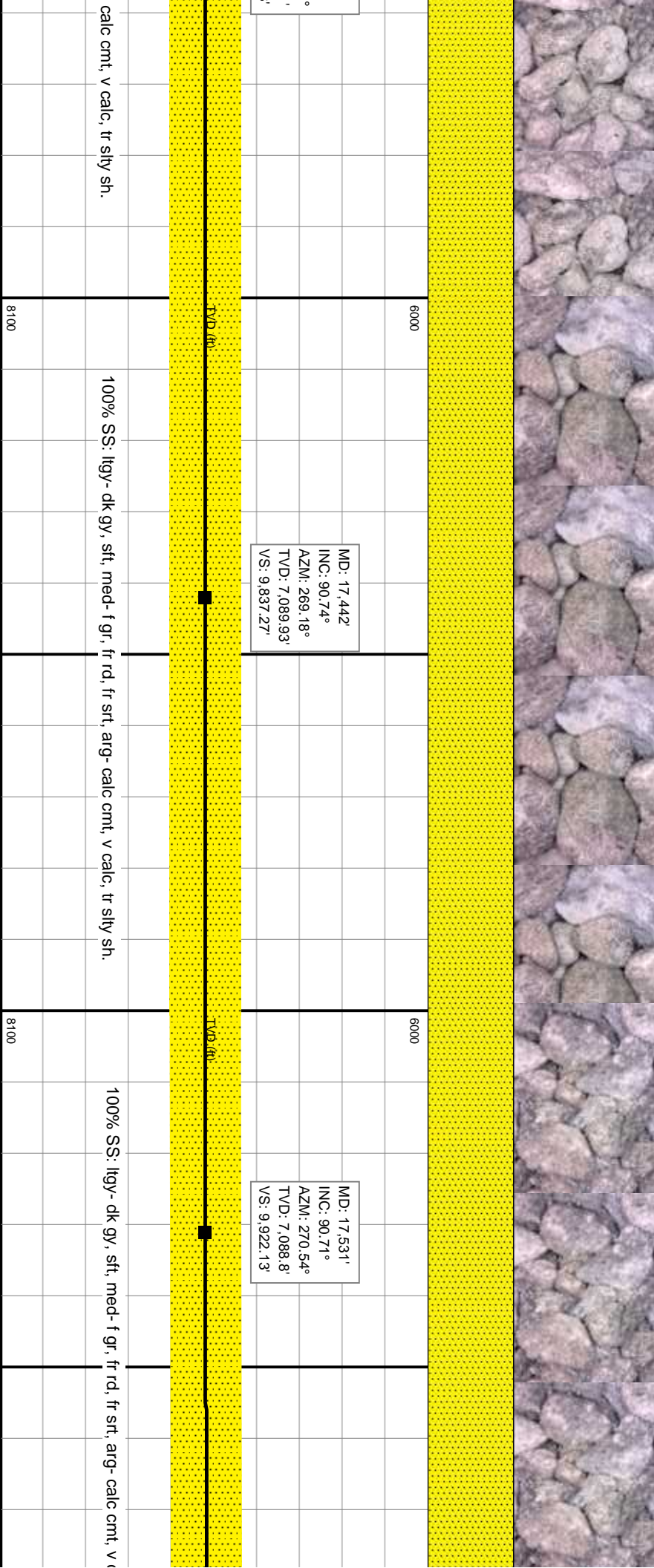
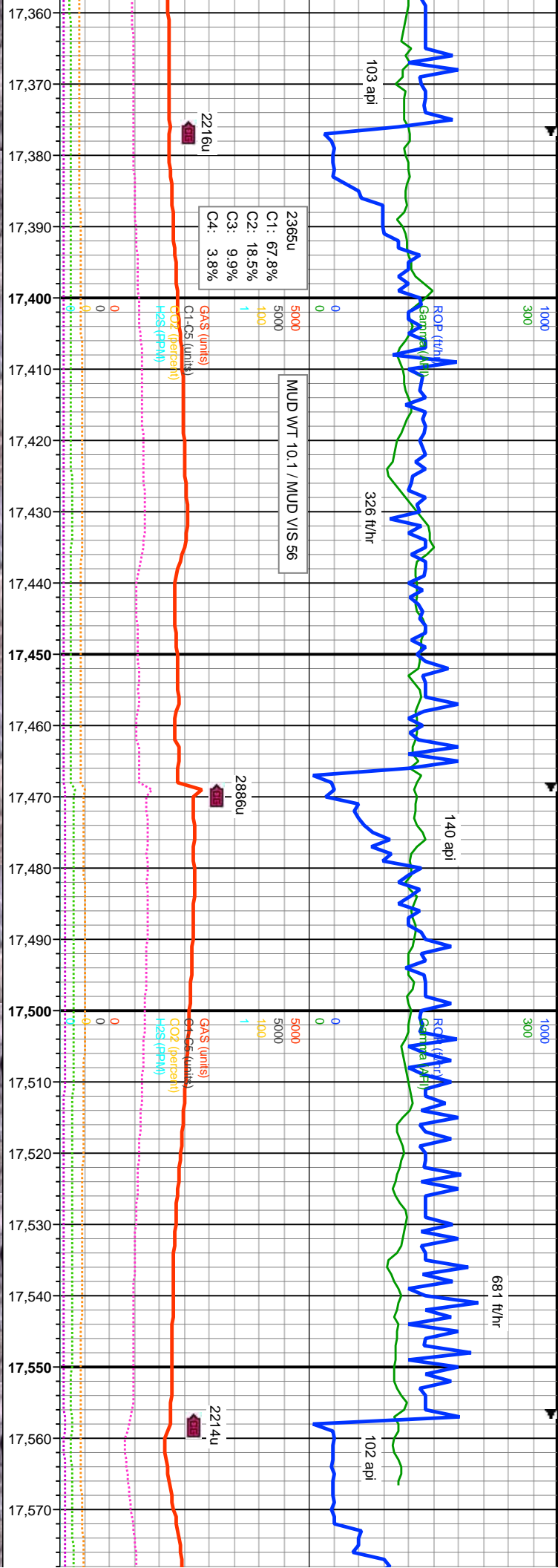
MD: 16,995'  
INC: 90.71°  
AZM: 267°  
TVD: 7,095.68'  
VS: 9.410.18'

MD: 17,084'  
INC: 90.71°  
AZM: 268.88°  
TVD: 7,094.58'  
VS: 9.495.89'

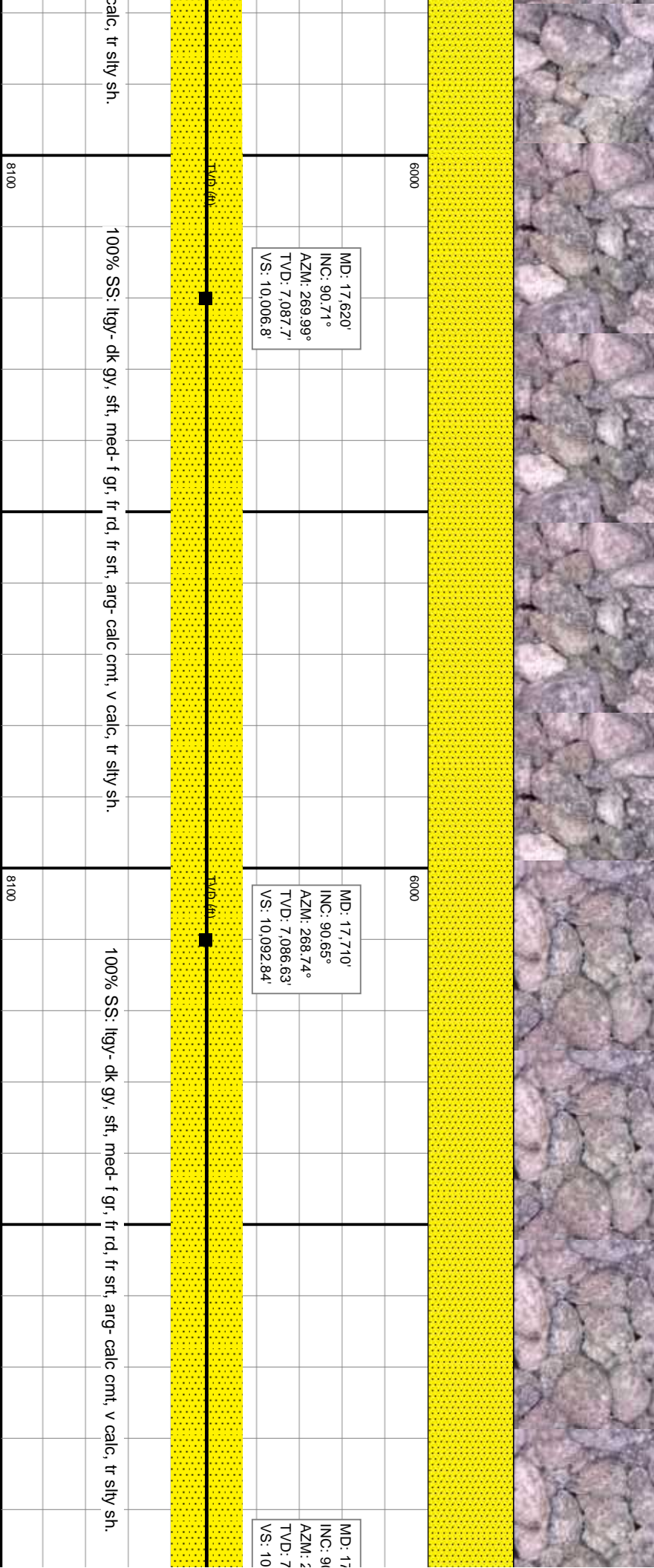
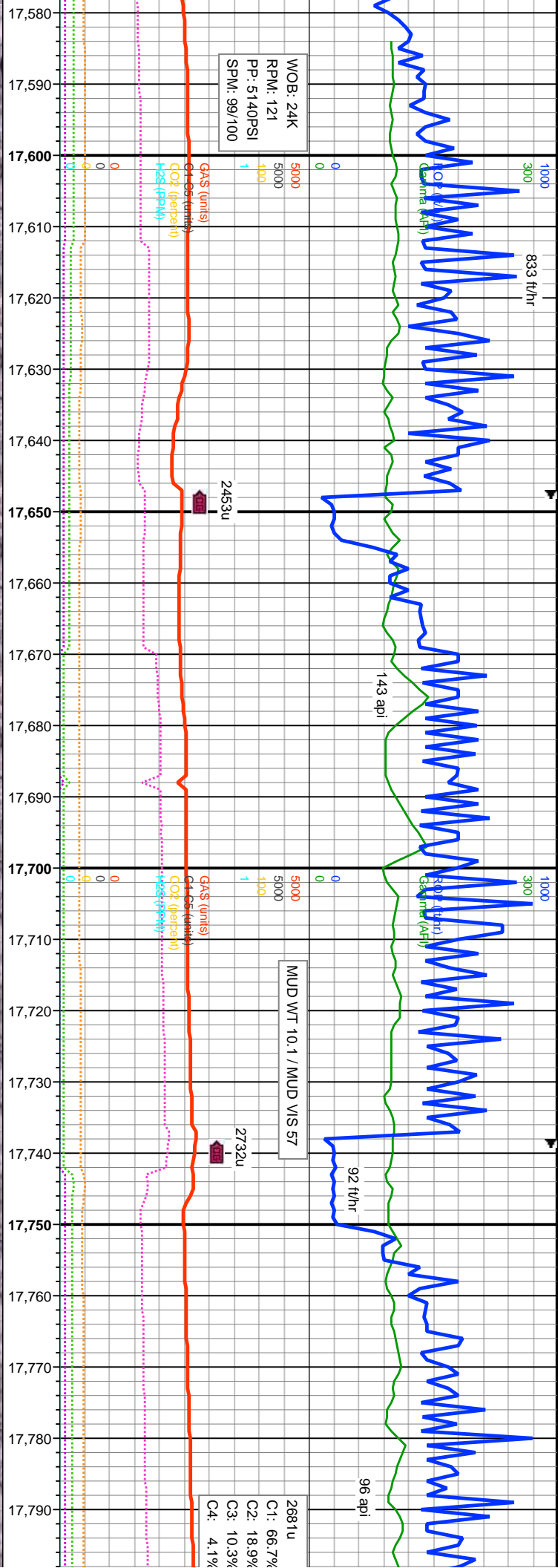


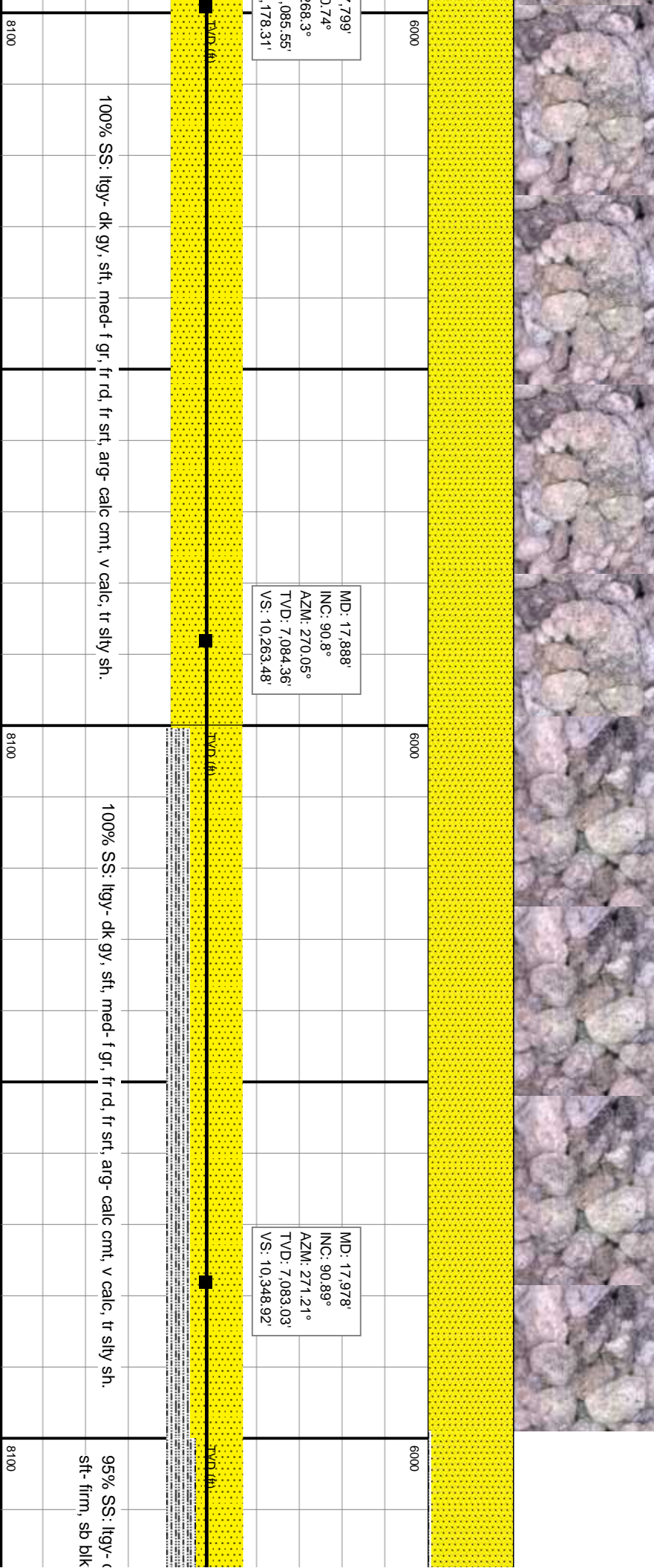
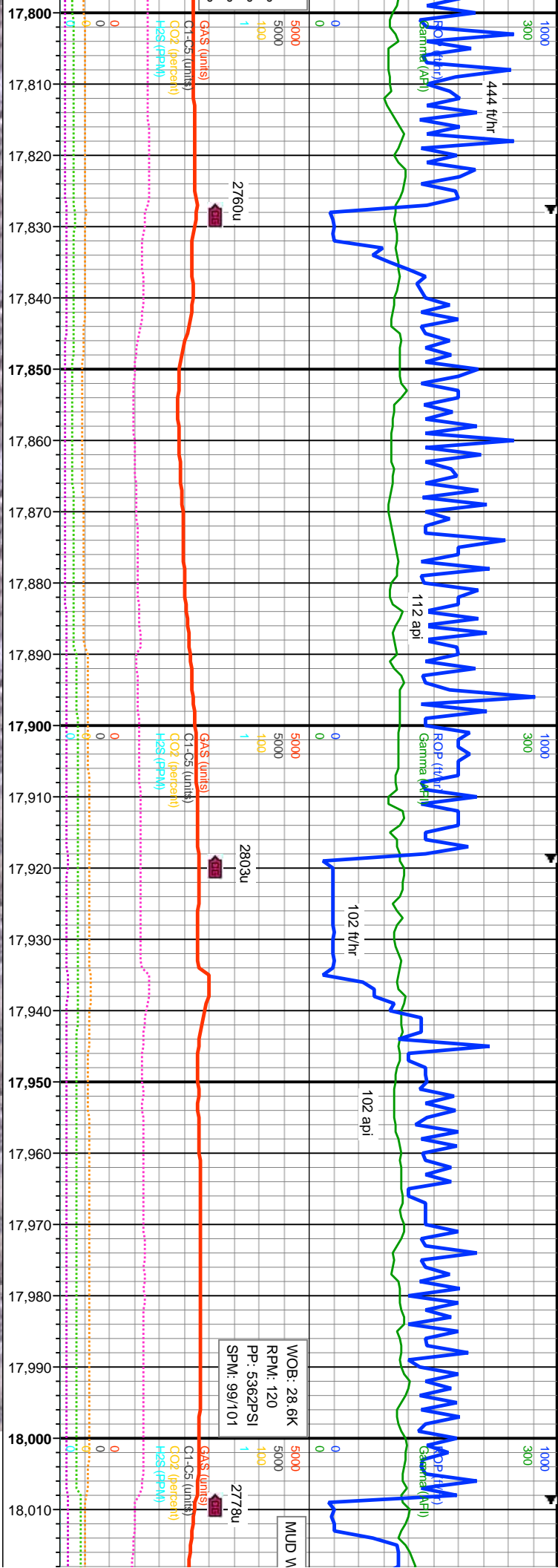






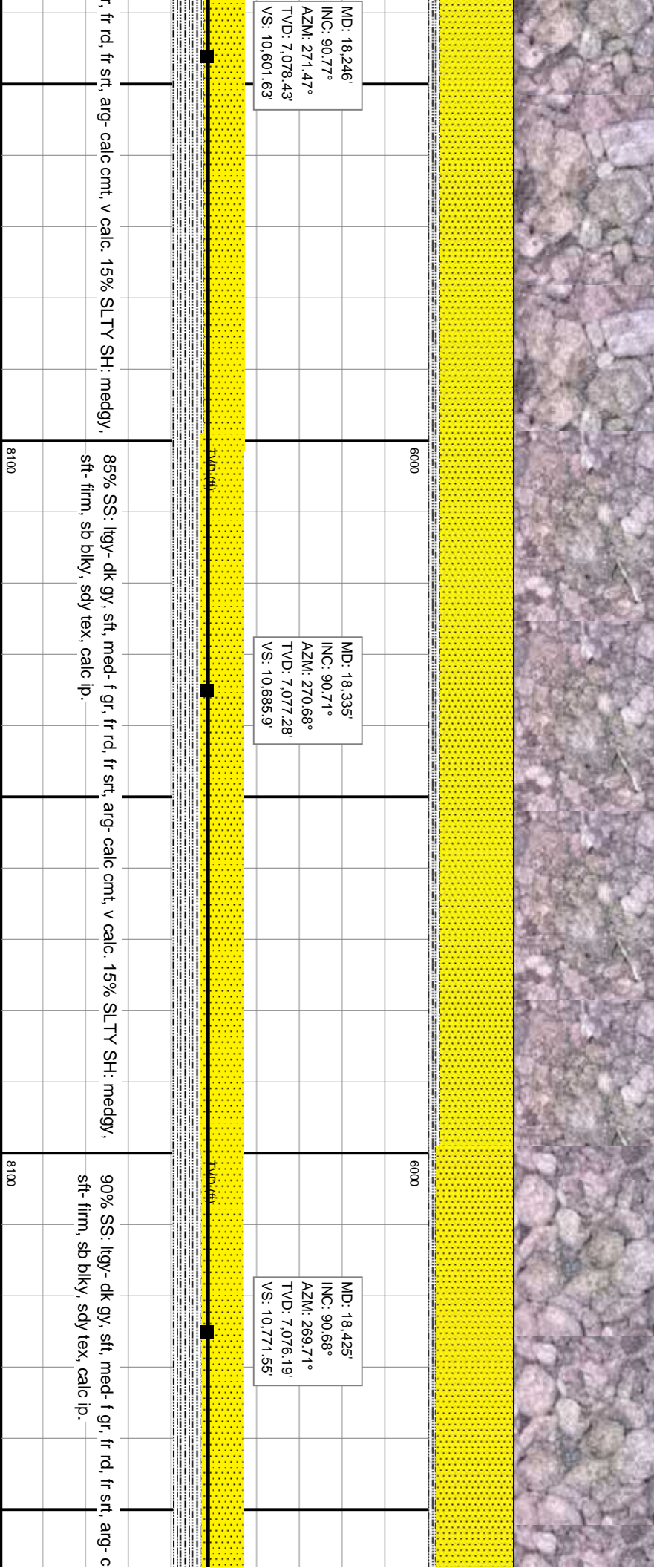
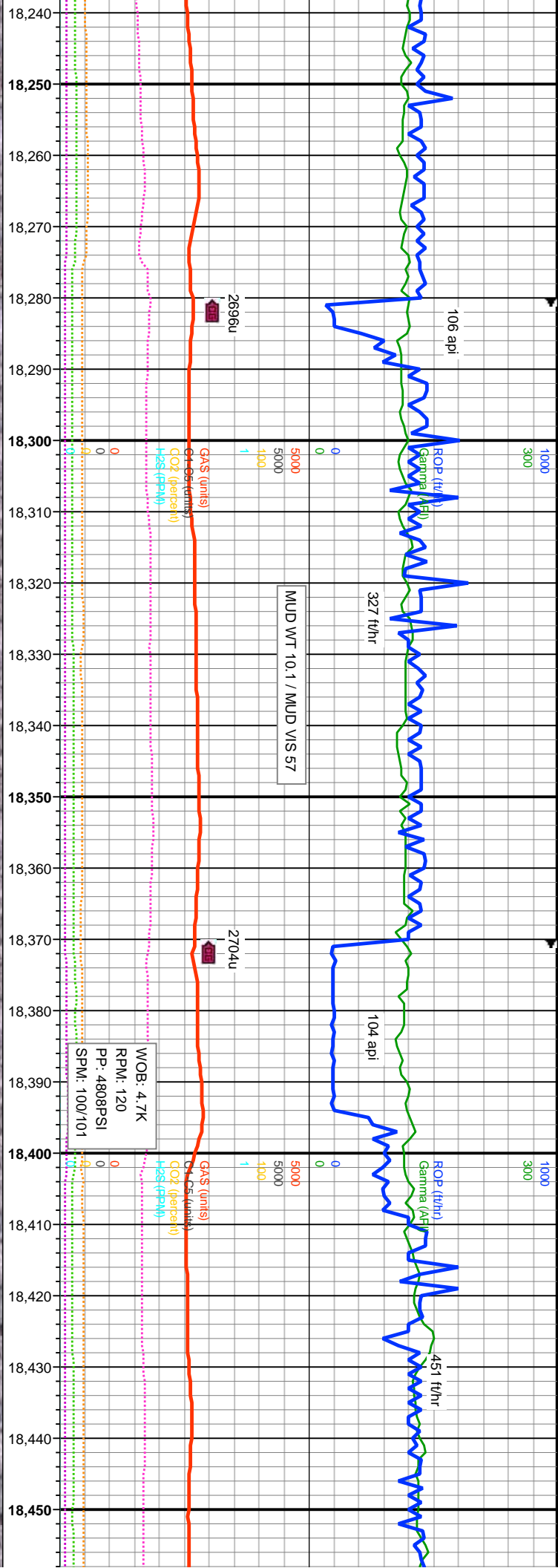




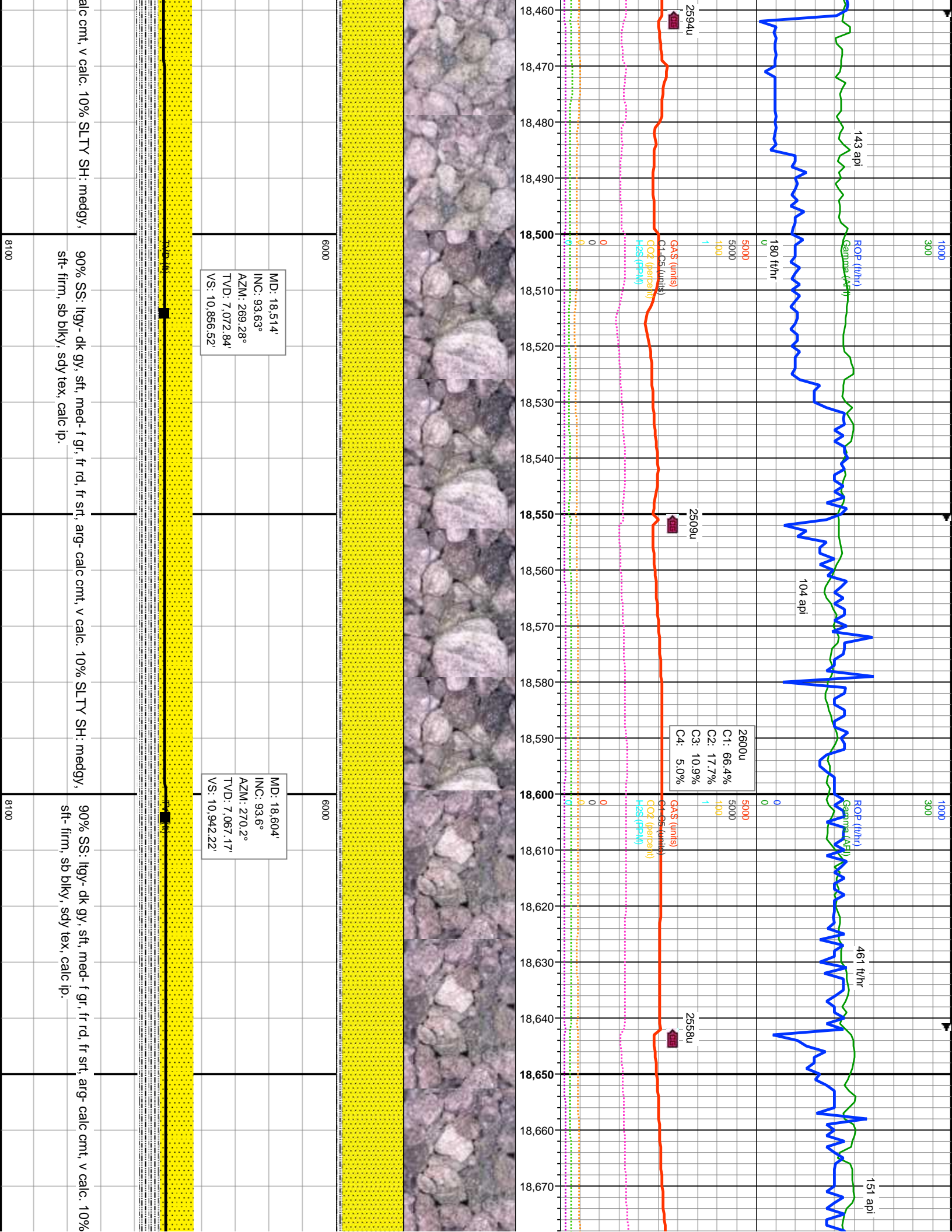


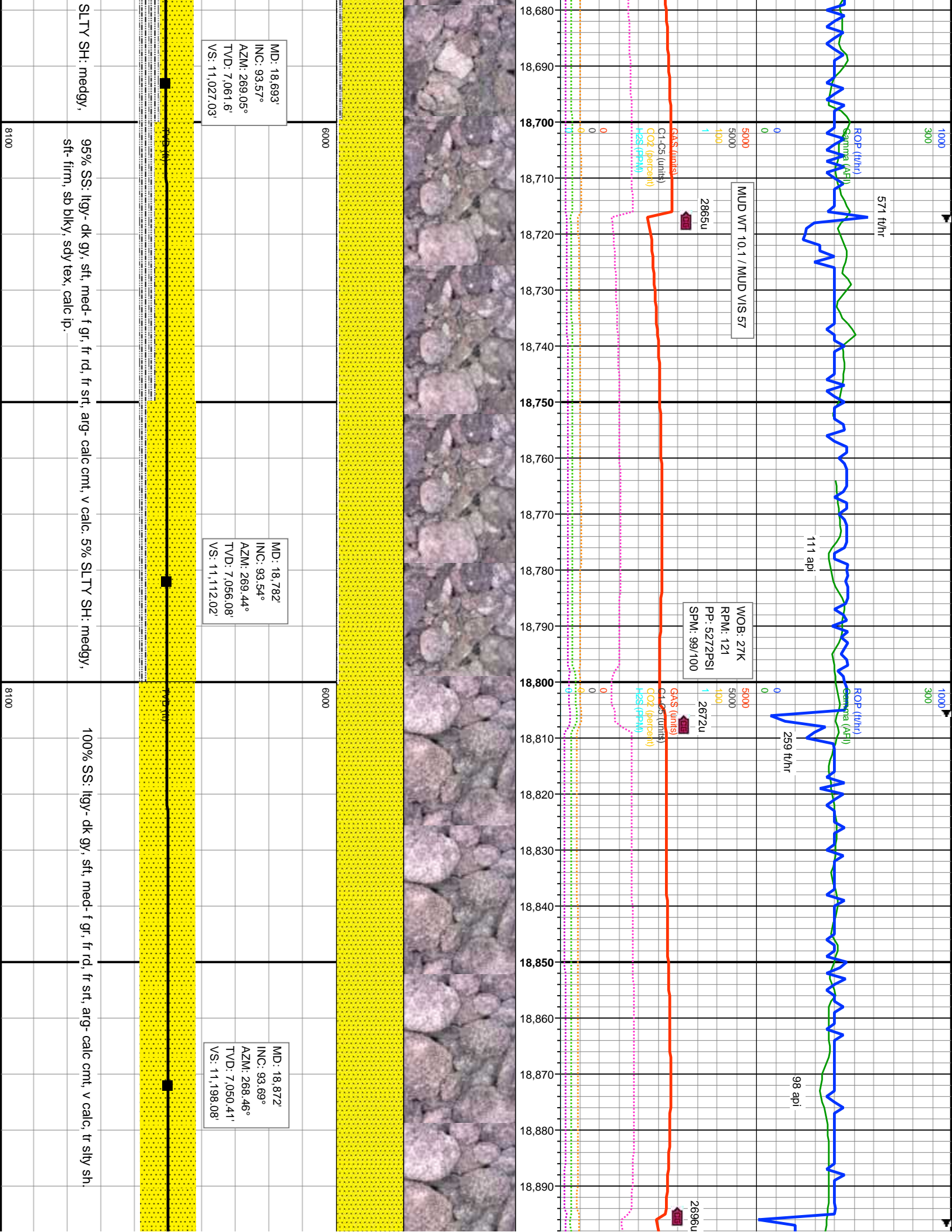




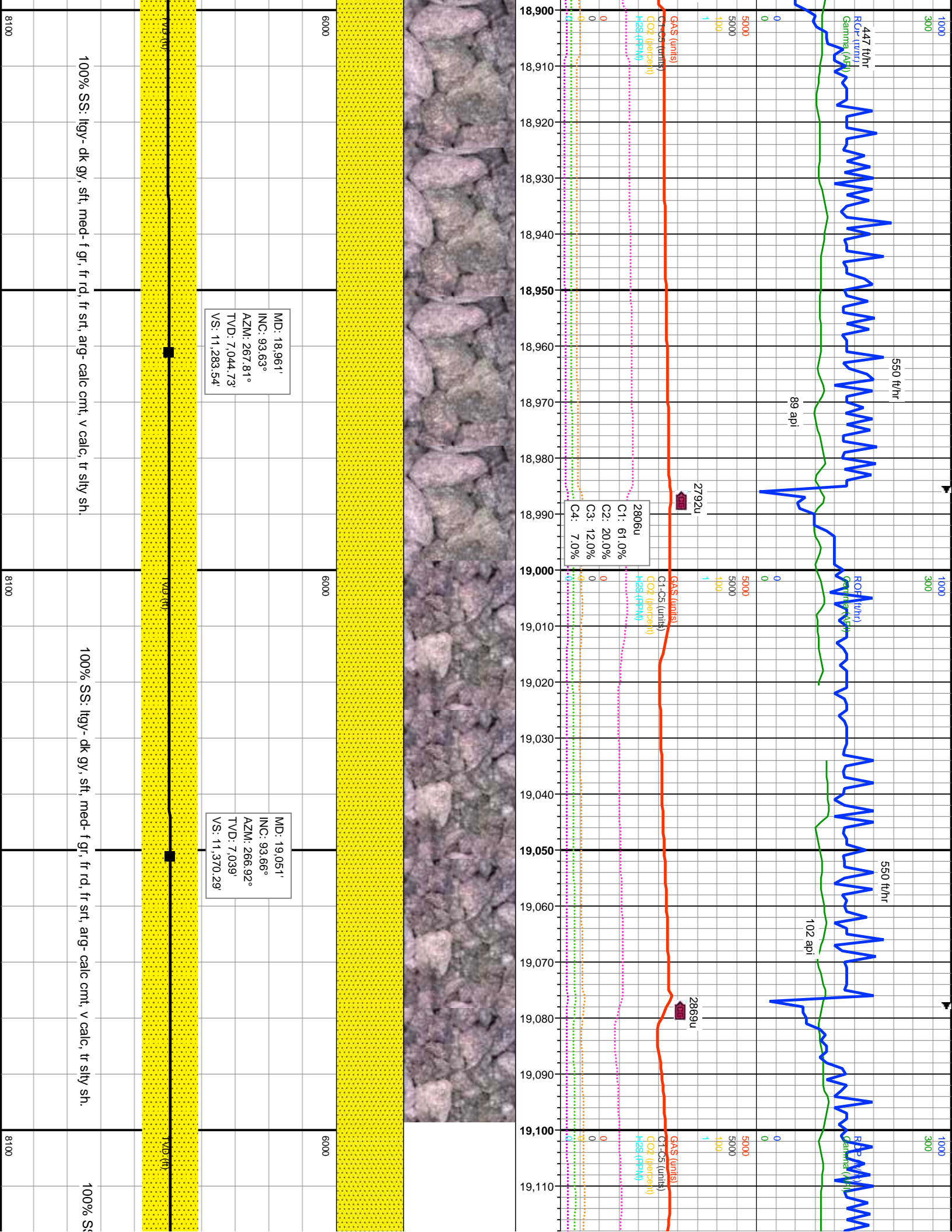


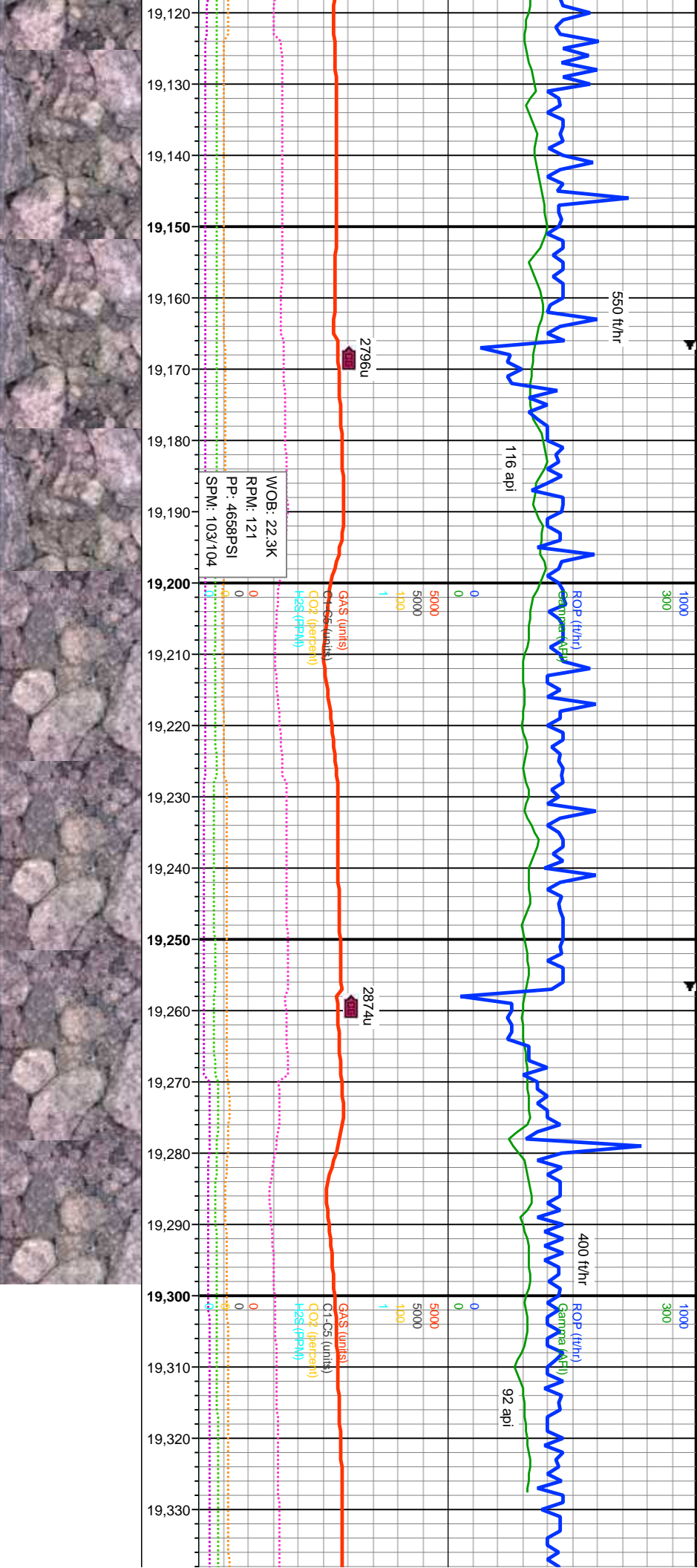








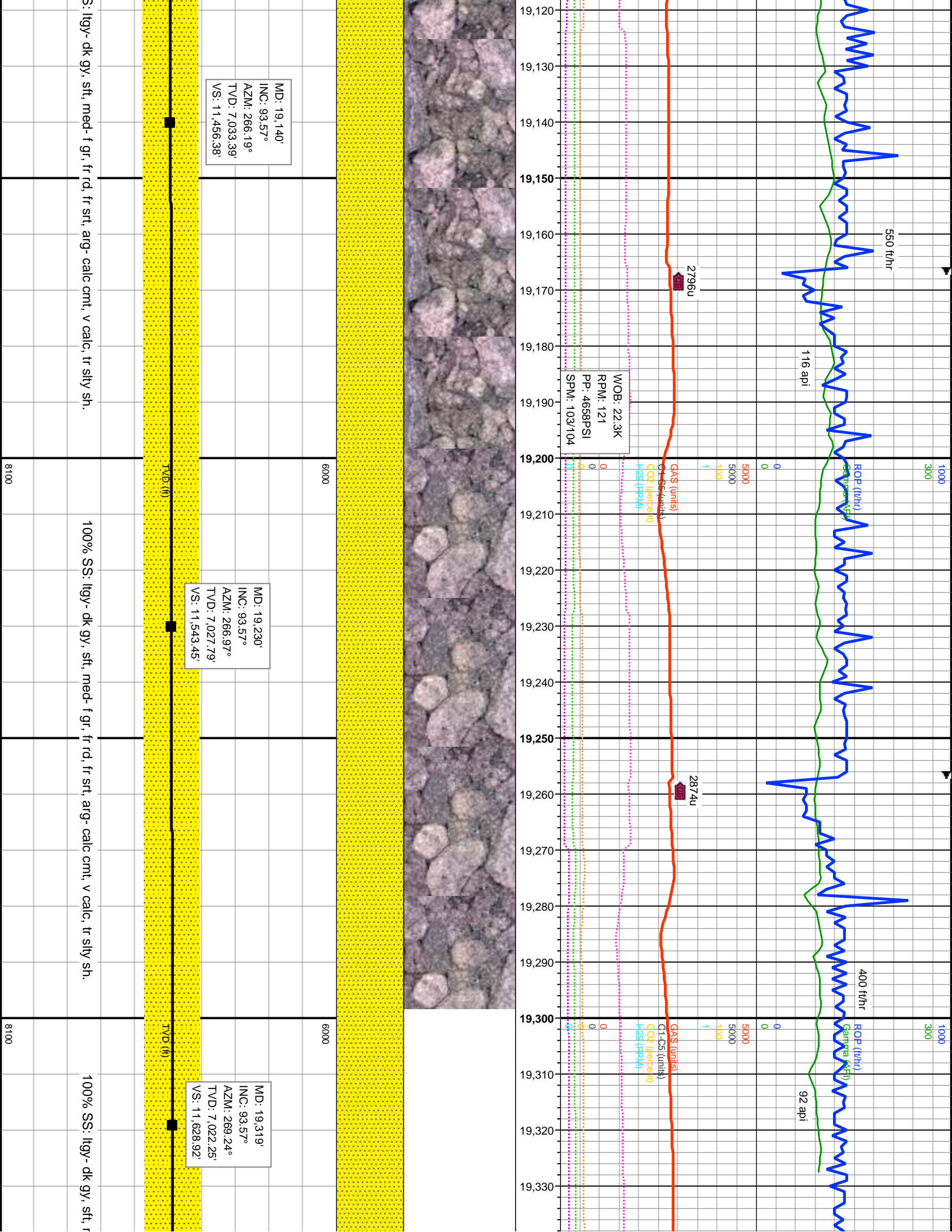




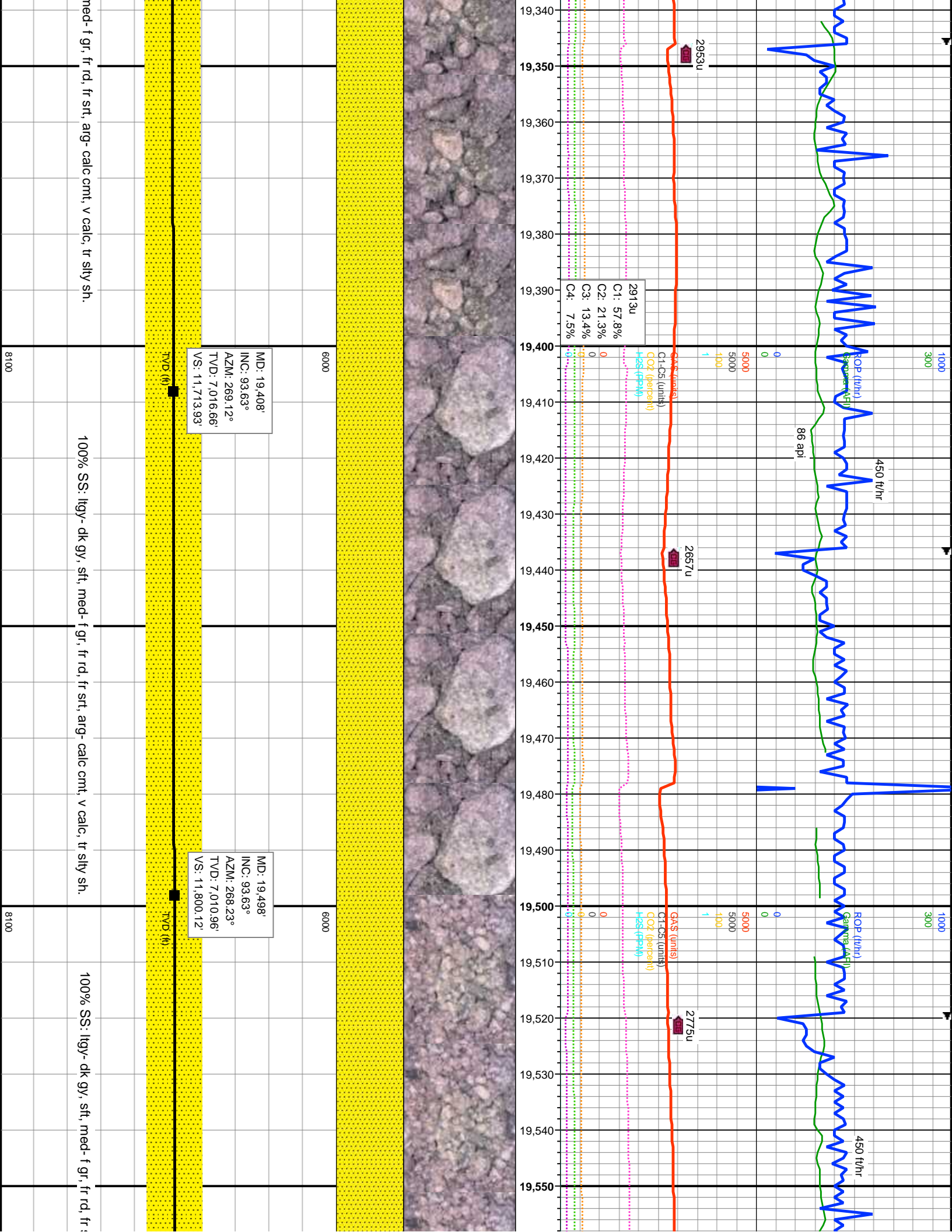
MD: 19,140'  
INC: 93.57°  
AZM: 266.19°  
TVD: 7,033.39'  
VS: 11,456.38'

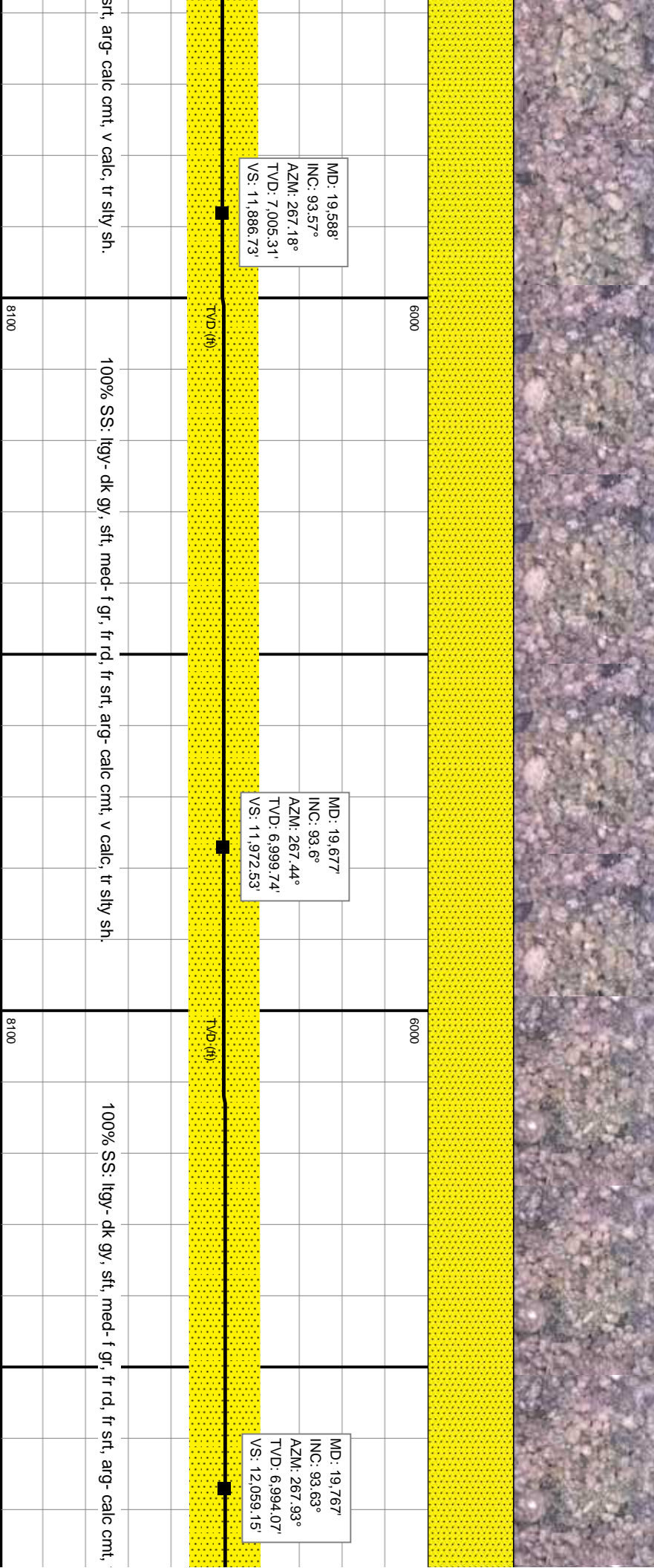
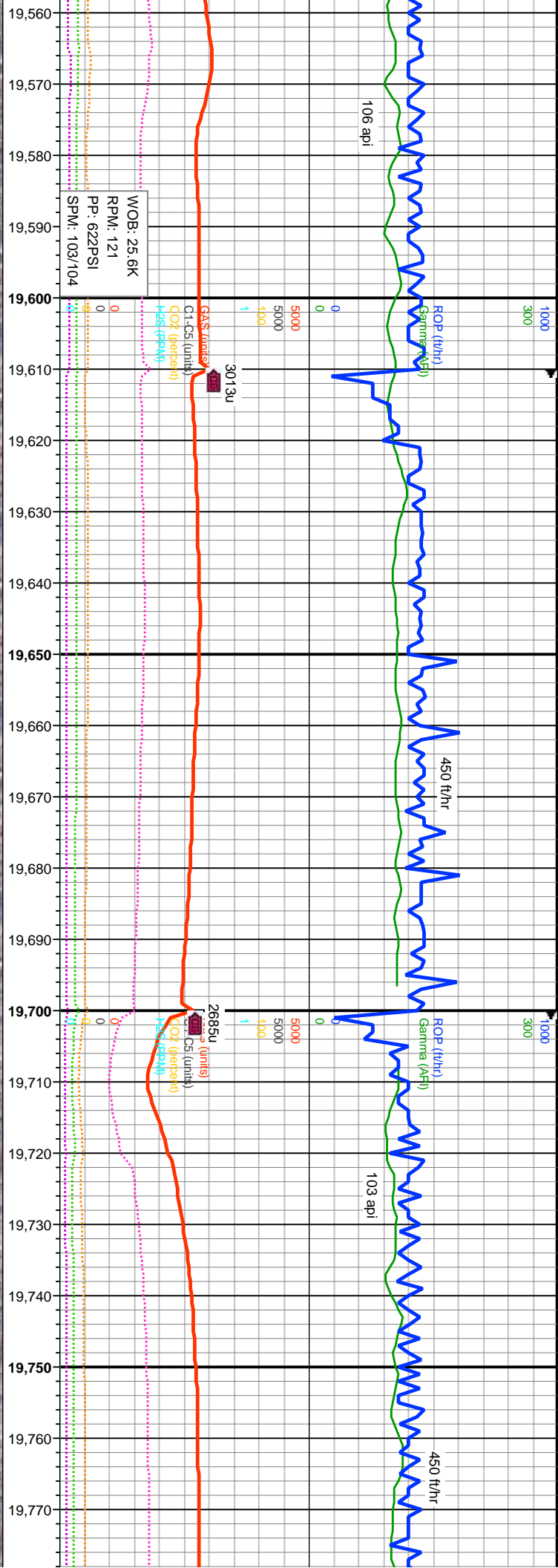
MD: 19,230'  
INC: 93.57°  
AZM: 266.97°  
TVD: 7,027.79'  
VS: 11,543.45'

MD: 19,319'  
INC: 93.57°  
AZM: 269.24°  
TVD: 7,022.25'  
VS: 11,628.92'

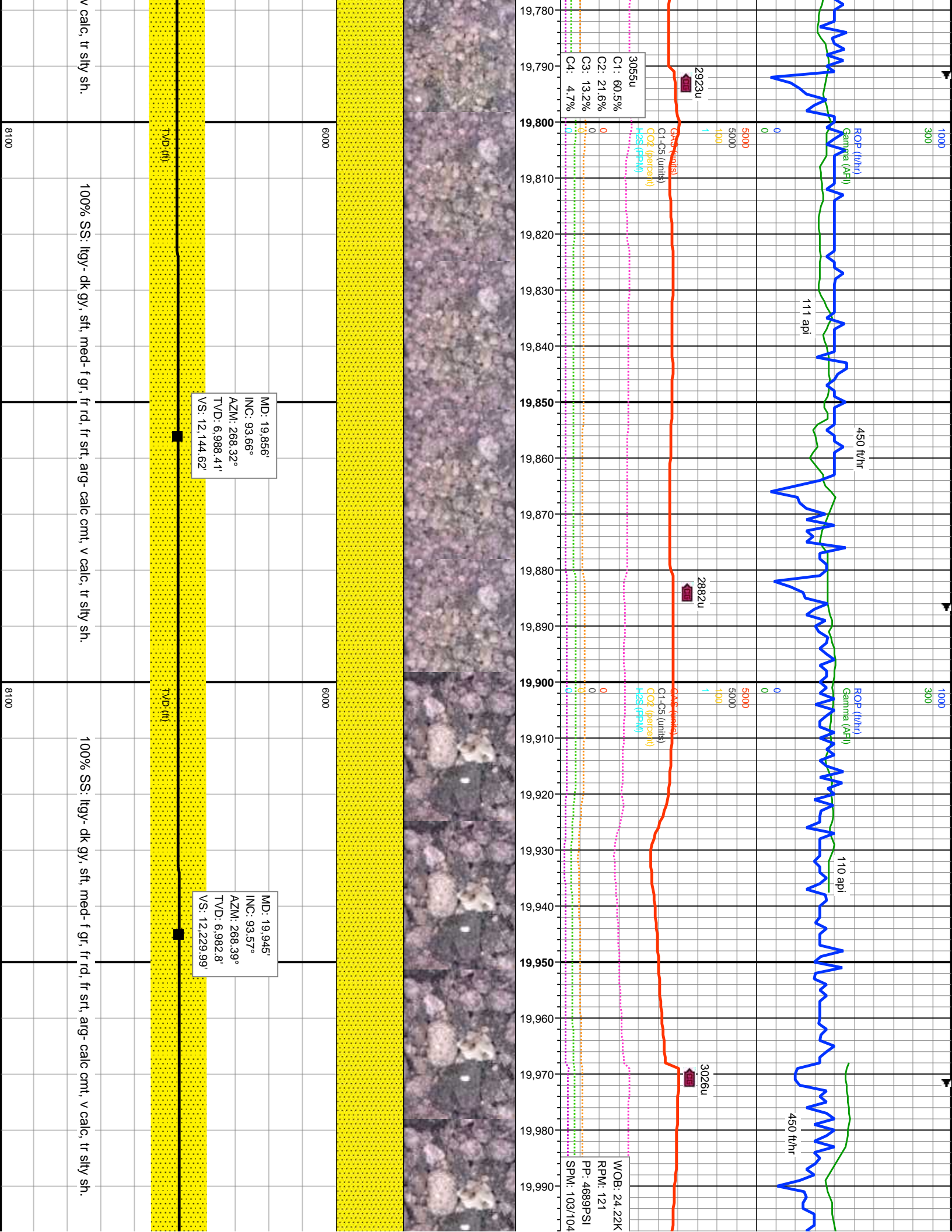


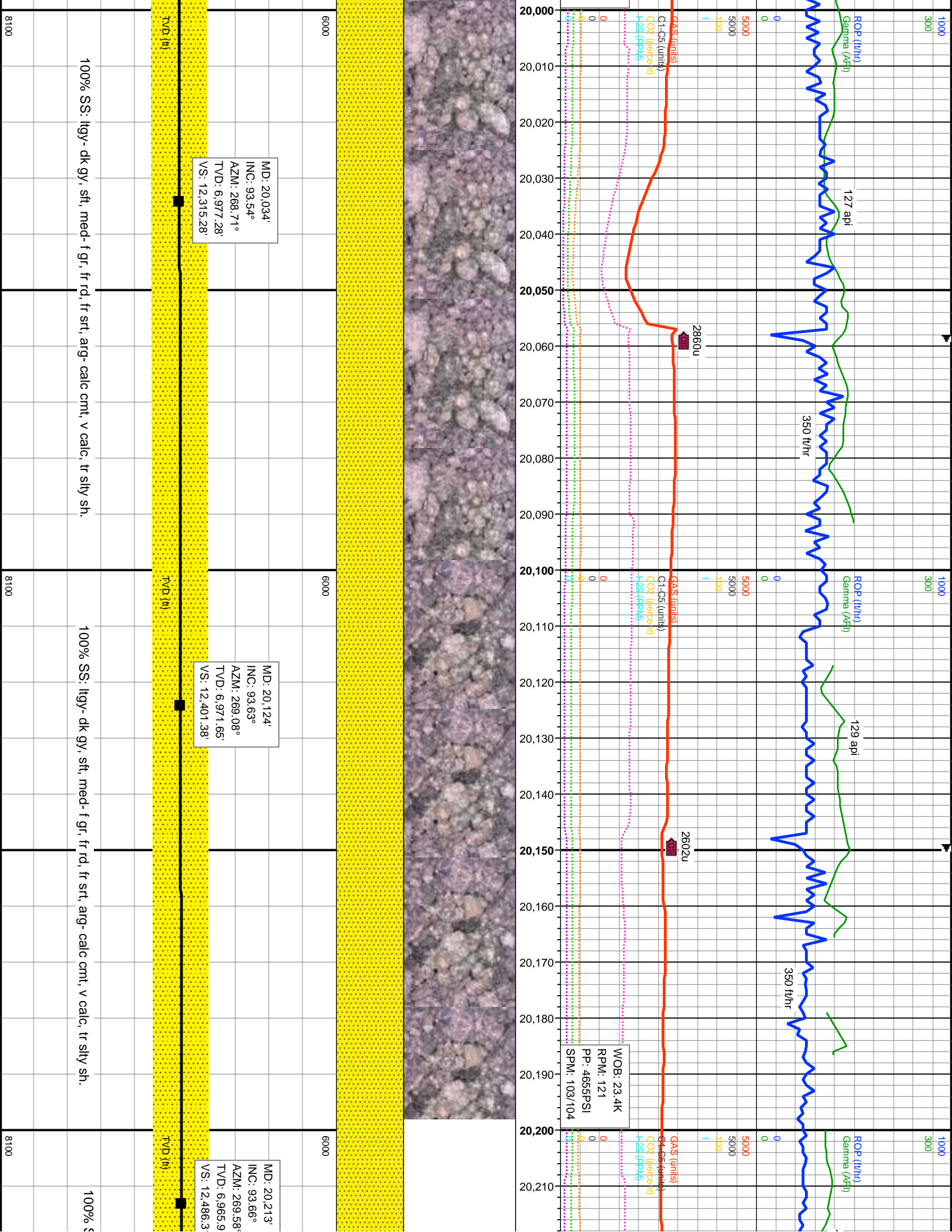




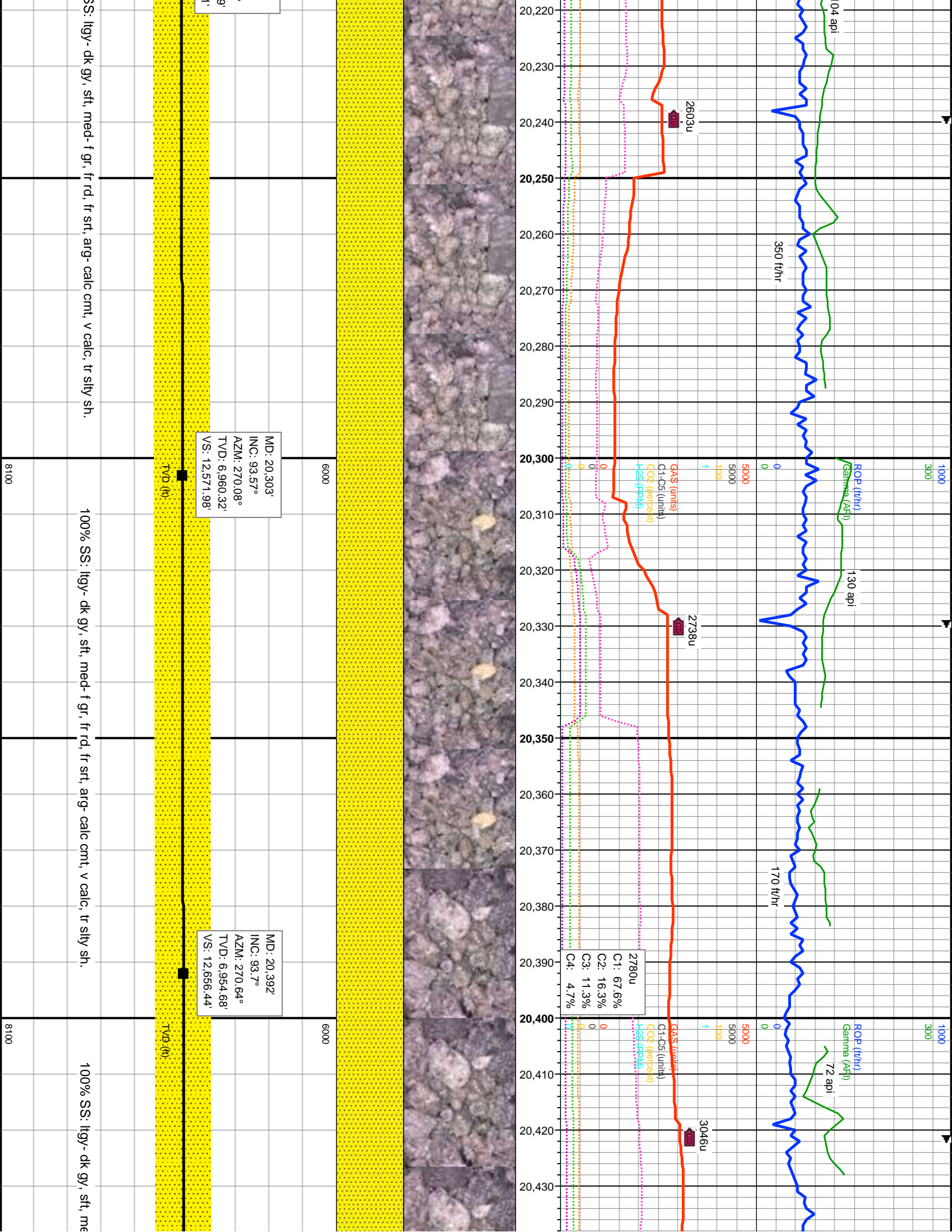


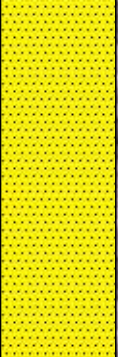
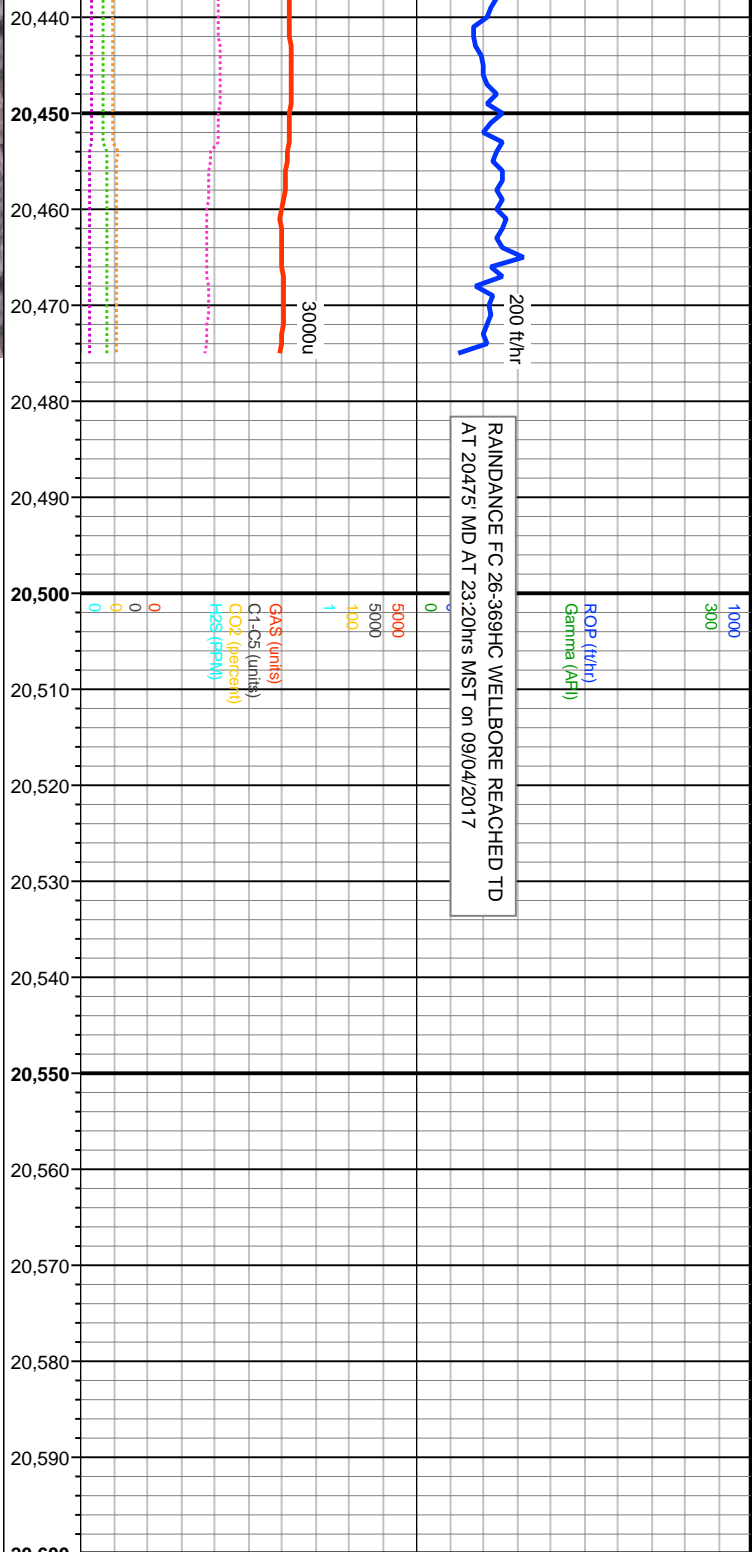












MD: 20,451'  
INC: 93.7°  
AZM: 270.97°  
TVD: 6,950.87'  
VS: 12,712.28'

MD: 20,475'  
INC: 93.7°  
AZM: 270.97°  
TVD: 6,949.32'  
VS: 12,734.97'

Projection To Bit

THANK YOU FOR USING TERRA GUIDANCE.

TVD (ft)

6000

8100

d - f gr, fr rd, fr srt, arg- calc cnt, v calc, tr silty sh.