



Scale: 5" / 100'  
Measured Depth Log

**Well Name** Schneider HD11-099HC

**Location** Section 7, T4N, R66W

**State** COLORADO

**Country** USA

**API Number** 051234640800

**Geographic Region** DJ BASIN

**County** WELD

**Rig Number** PRECISION 466

**AFF #** 19DC0213

**Field** WATTENBERG

**Ground Elevation** 4735'

**K.B. Elevation** 4755'

**Logged Interval** 6000' MD To 17996' MD

**Total Depth** 17996' MD

**Formation** CODELL

**Type of Drilling Fluid** OIL BASED MUD

## Operator

**Company** Great Western Operating Company, LLC

**Address** 1001 17th Street, Suite 2000  
Denver, CO 80202



## Geologist

**Name** Zach Souvall, Gabriel Rubio

**Company** Terra Guidance

**Address** 67 W. Floyd Ave. Ste 105  
Englewood, CO 80110  
(970) 260-5408

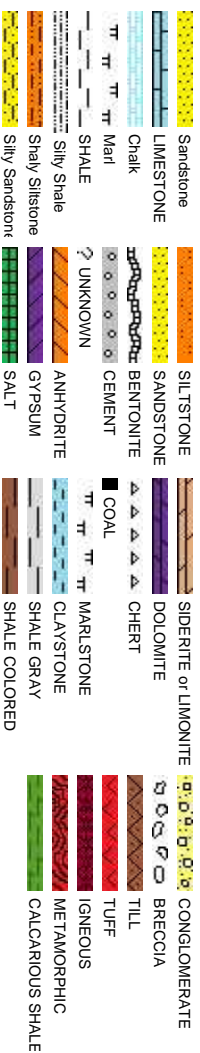


## Other

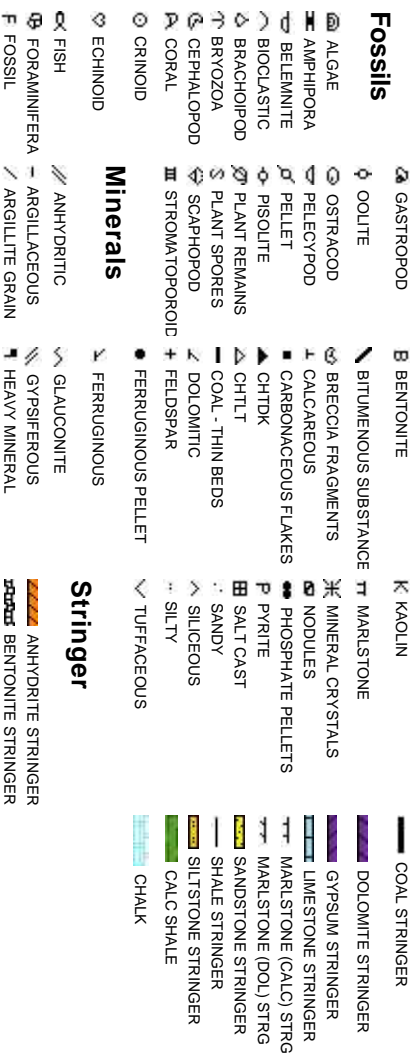
MUDLOG START DATE 09/11/2019

MUDLOG END DATE 09/14/2019

## Rock Types



## Accessories



## Fossils

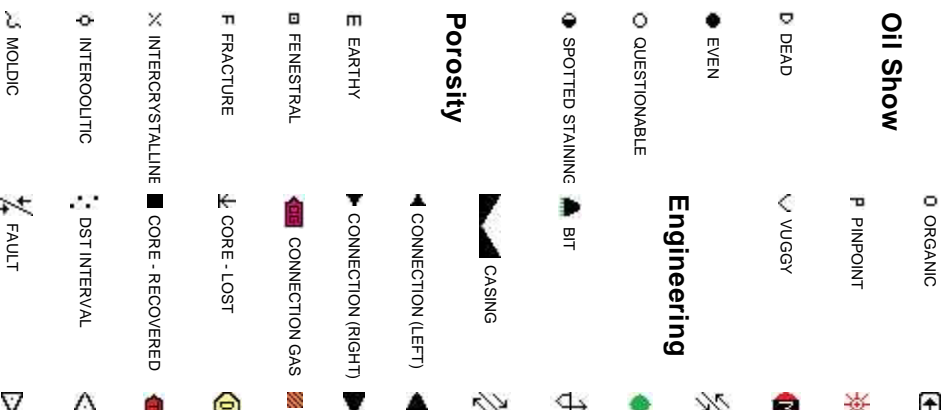
## Minerals

## Stringer

## Porosity

## Engineering

## Oil Show






# Other Symbols

 FORMATION TOP      L LITHOGRAPHIC


## Rounding

GAS SHOW       MICROXLN

 MIN DEPTH       ANGULAR       MUDSTONE

NORMAL FAULT       ROUNDED       PACKSTONE

OIL SHOW       SUBANG       WACKESTONE

OVERTURNED STRATA       SUBRND

## Sorting

REVERSE FAULT

## Textures

SIDEWALL CORE (LEFT)       MODERATE


SIDEWALL CORE (RIGHT)       BOUNDSTONE       POOR

SLIDE       CHALKY       WELL


 SURVEY       CRYPTOXLN

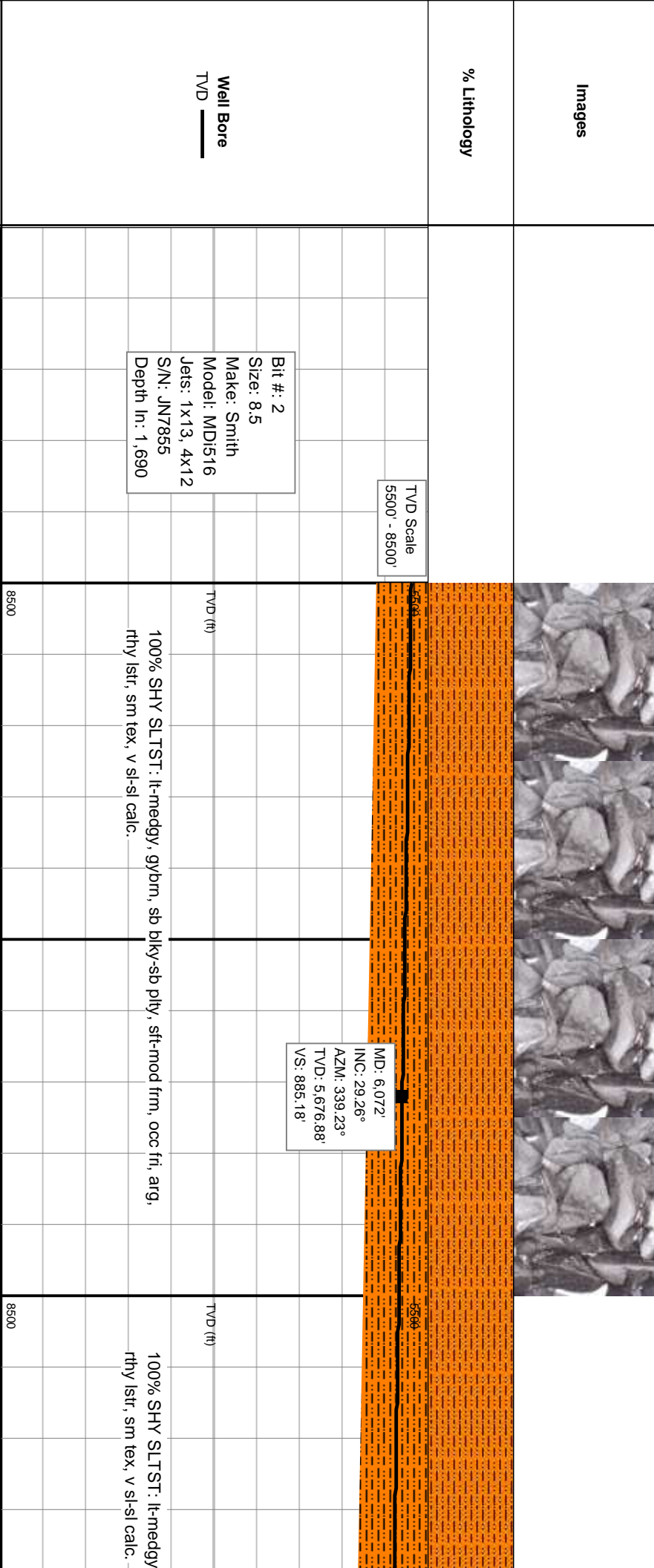
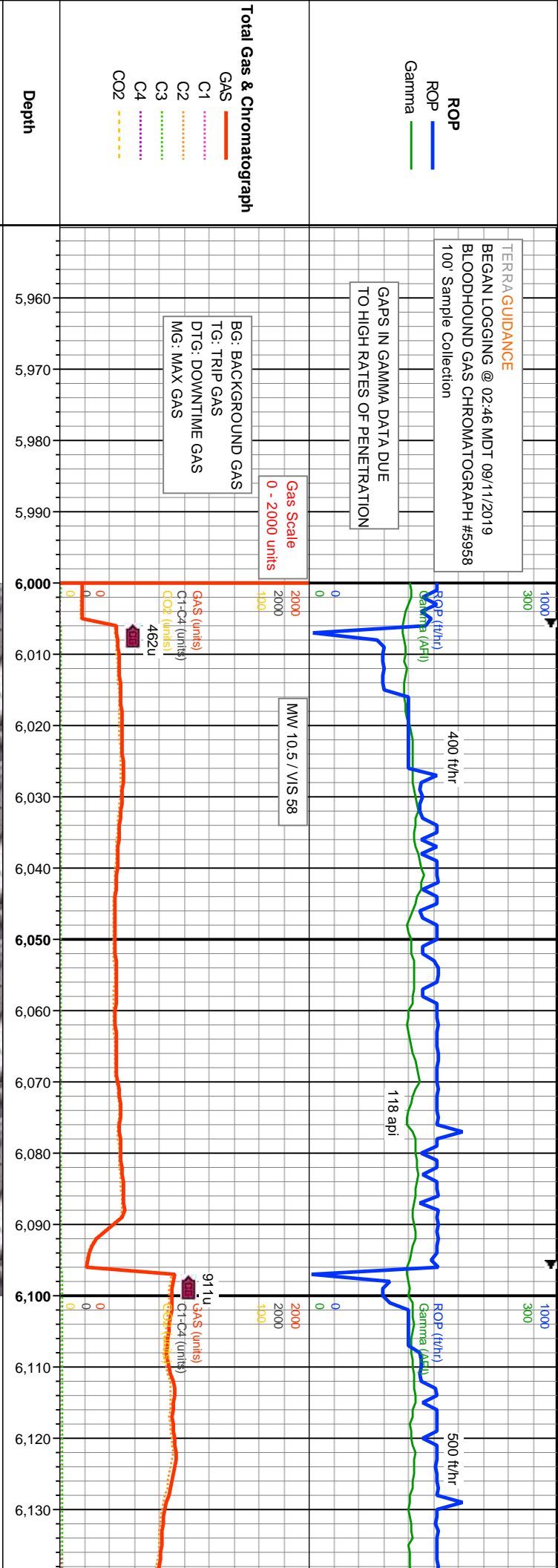
## CALCARIUOS SHALE

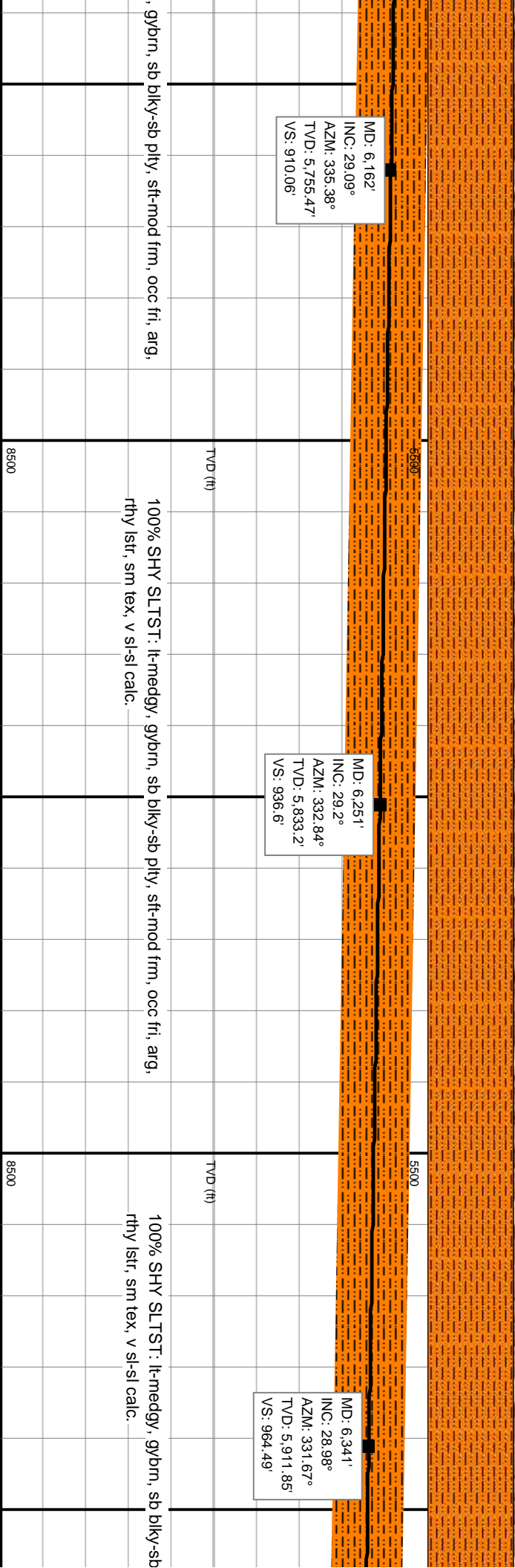
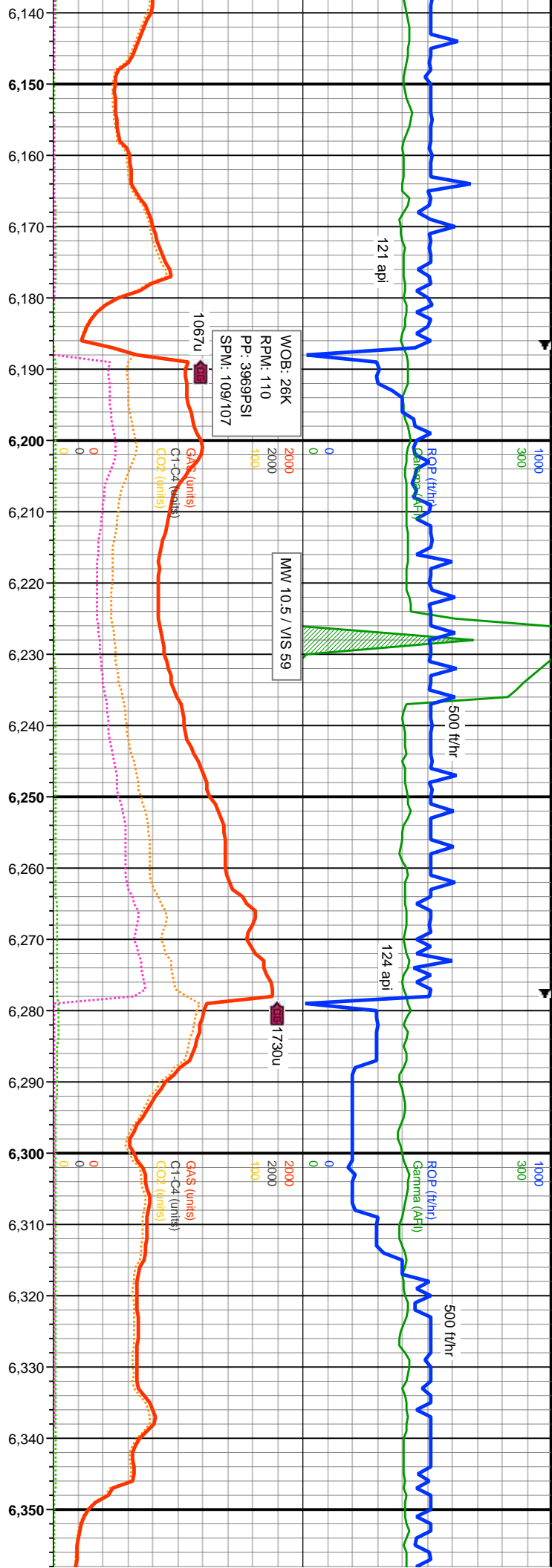
 TRIP GAS       EARTHY

WIRELINE TESTED - LEFT       FINELYXLN

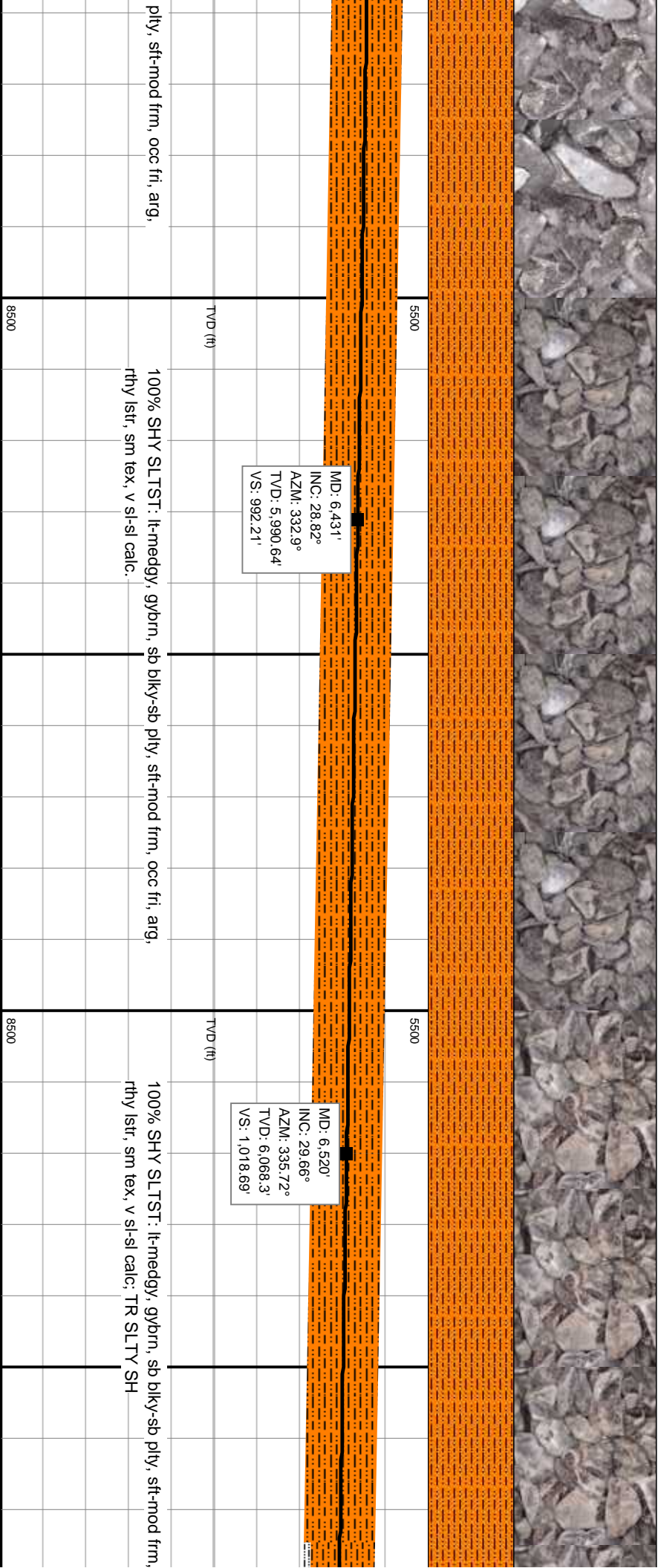
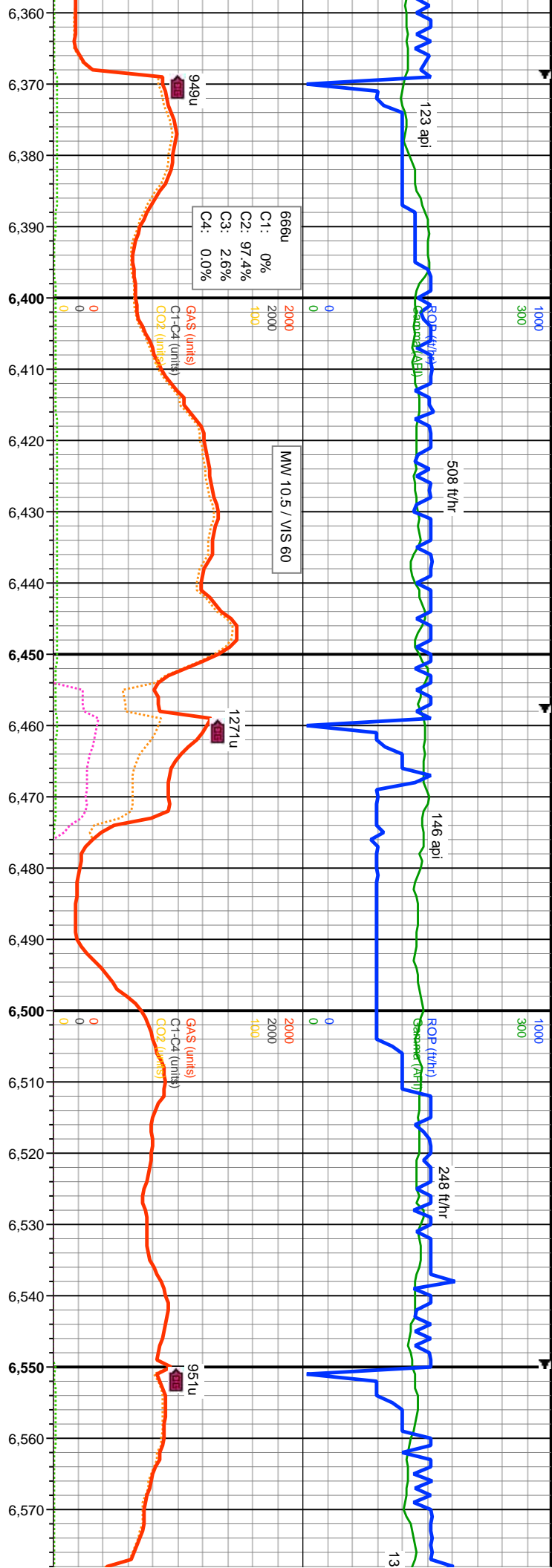
## CALCARIOUS SHALE

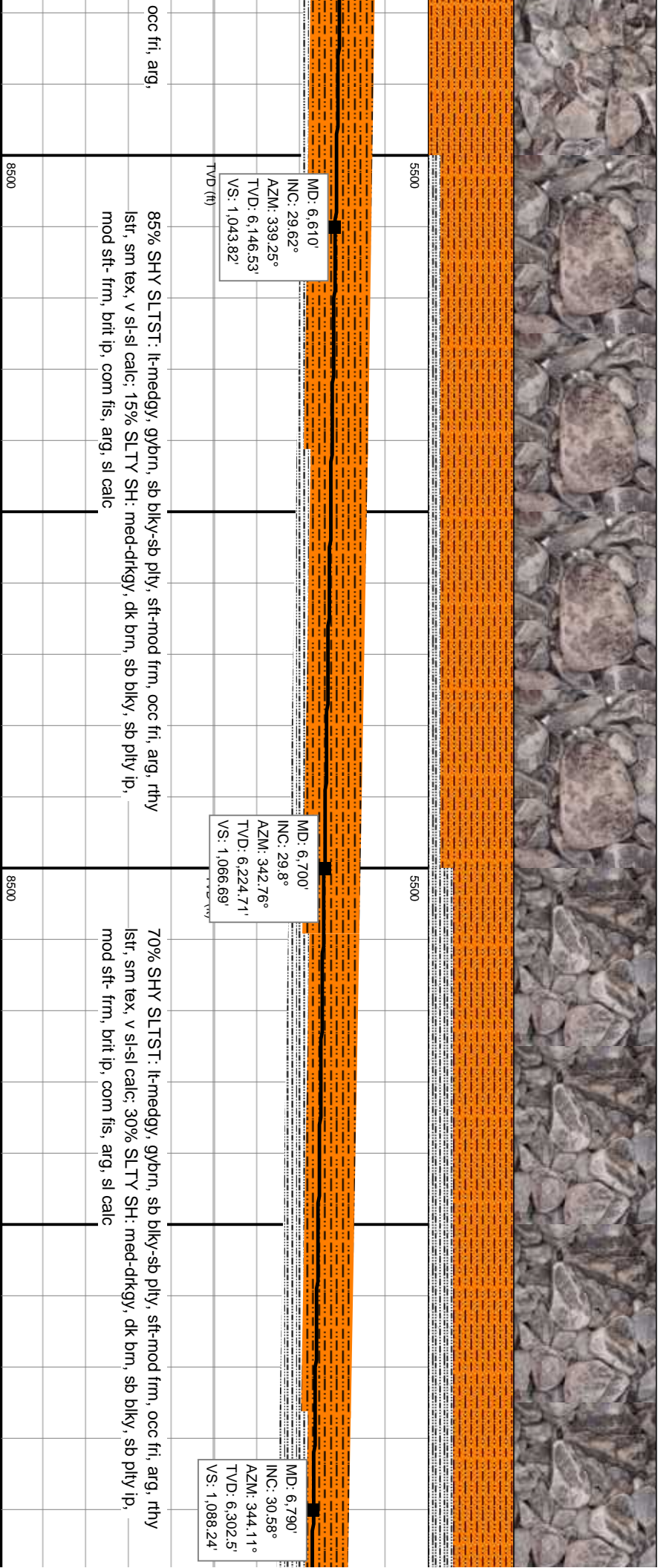
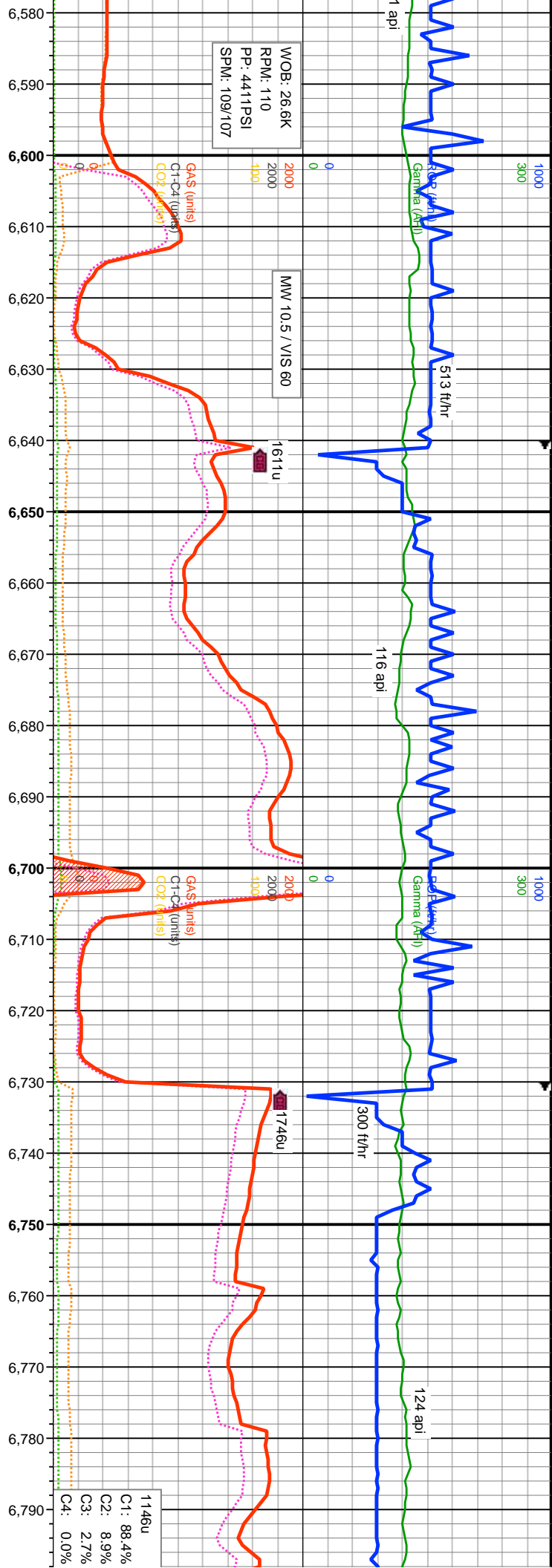
WIRELINE TESTED - RT       GRAINSTONE



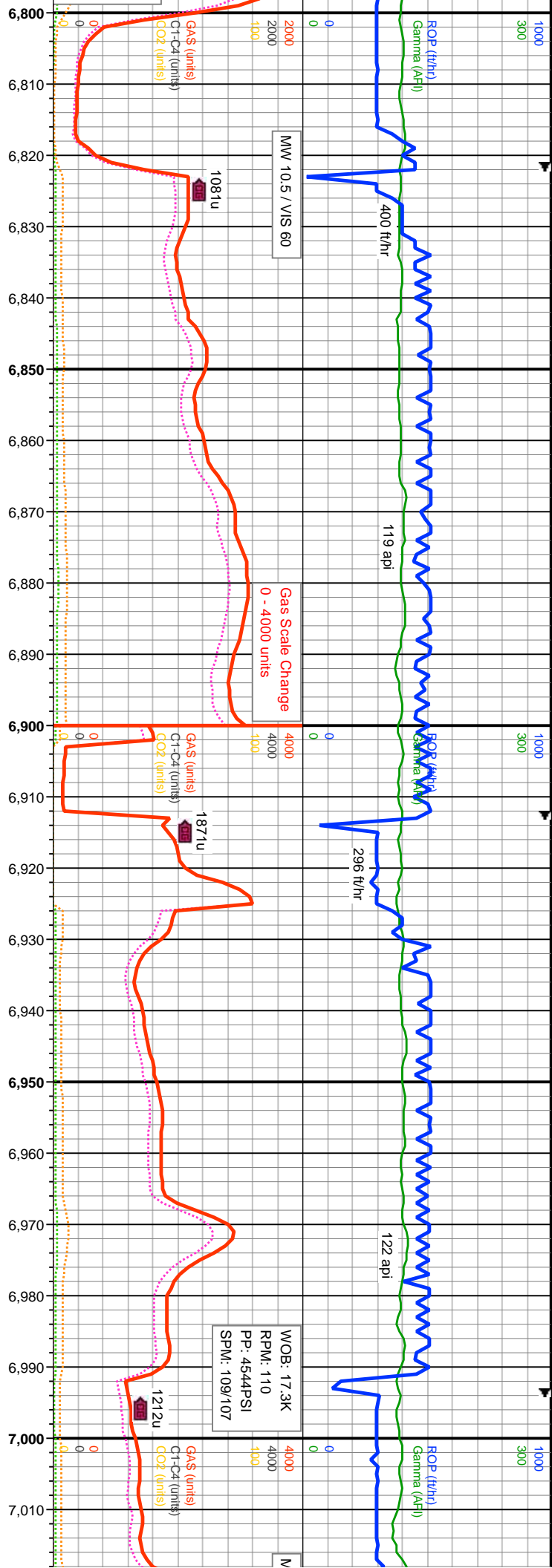






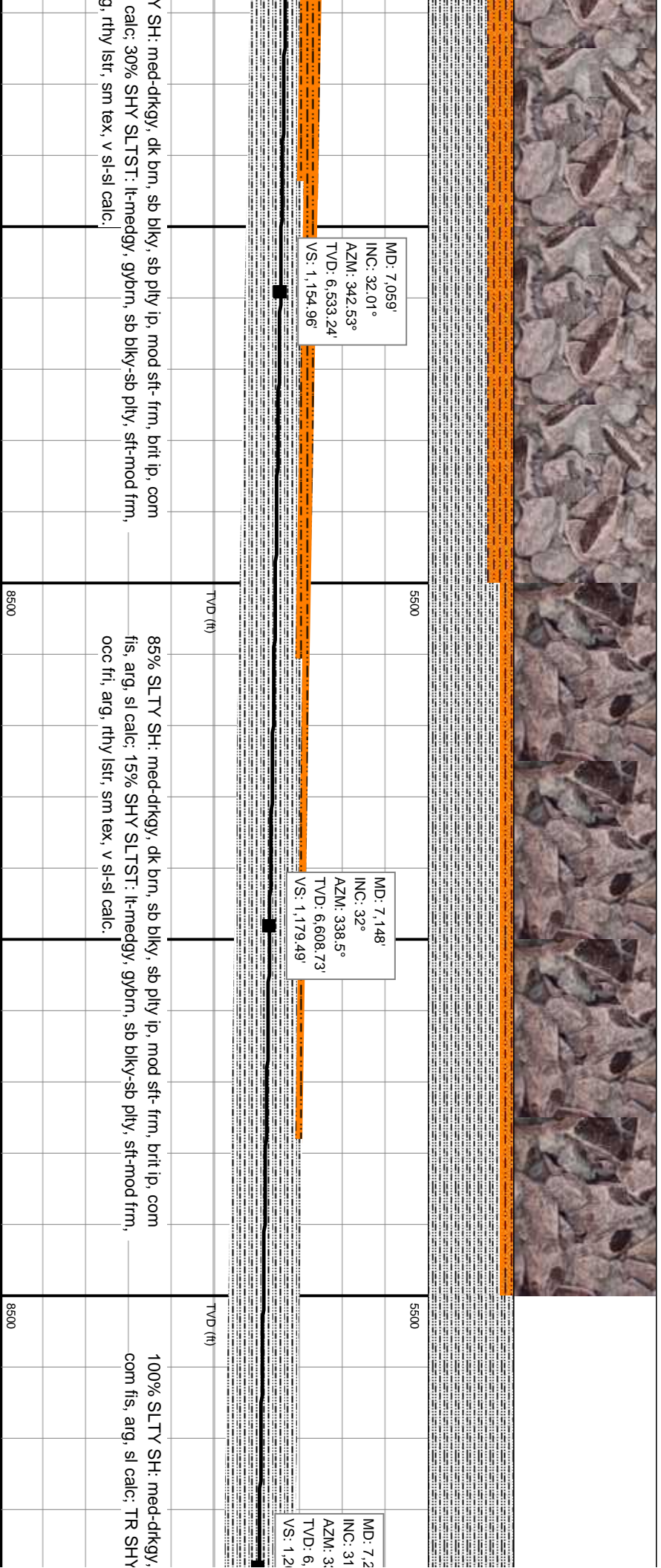
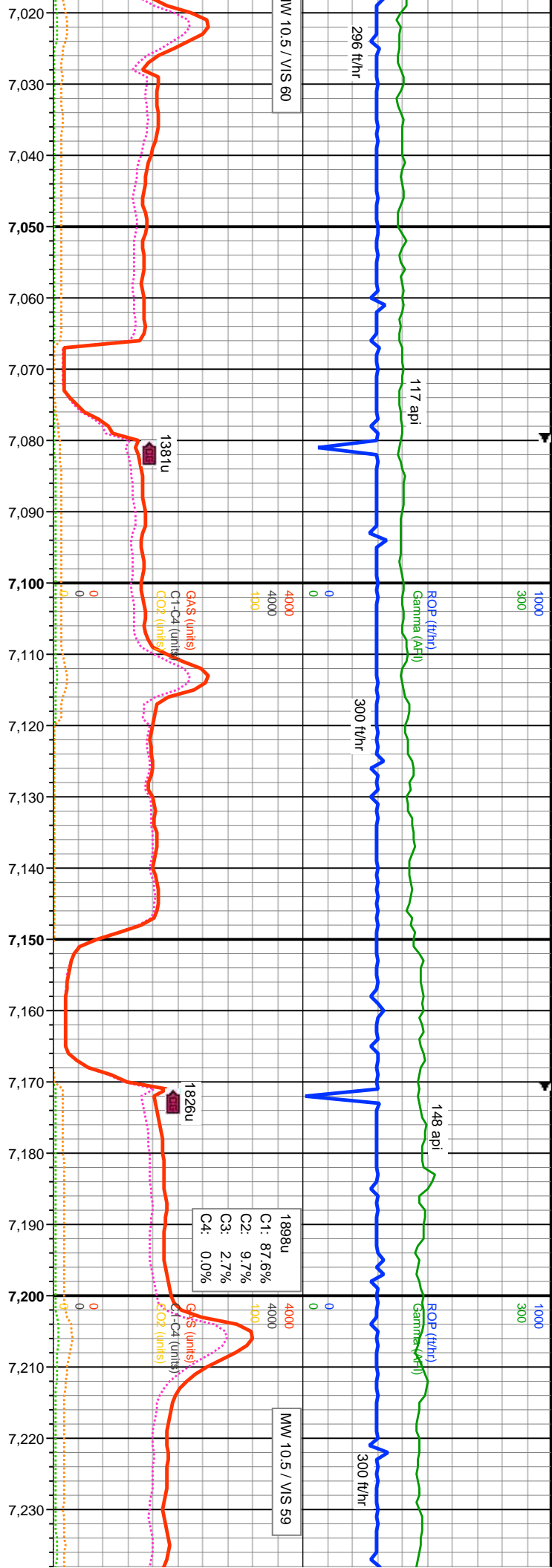


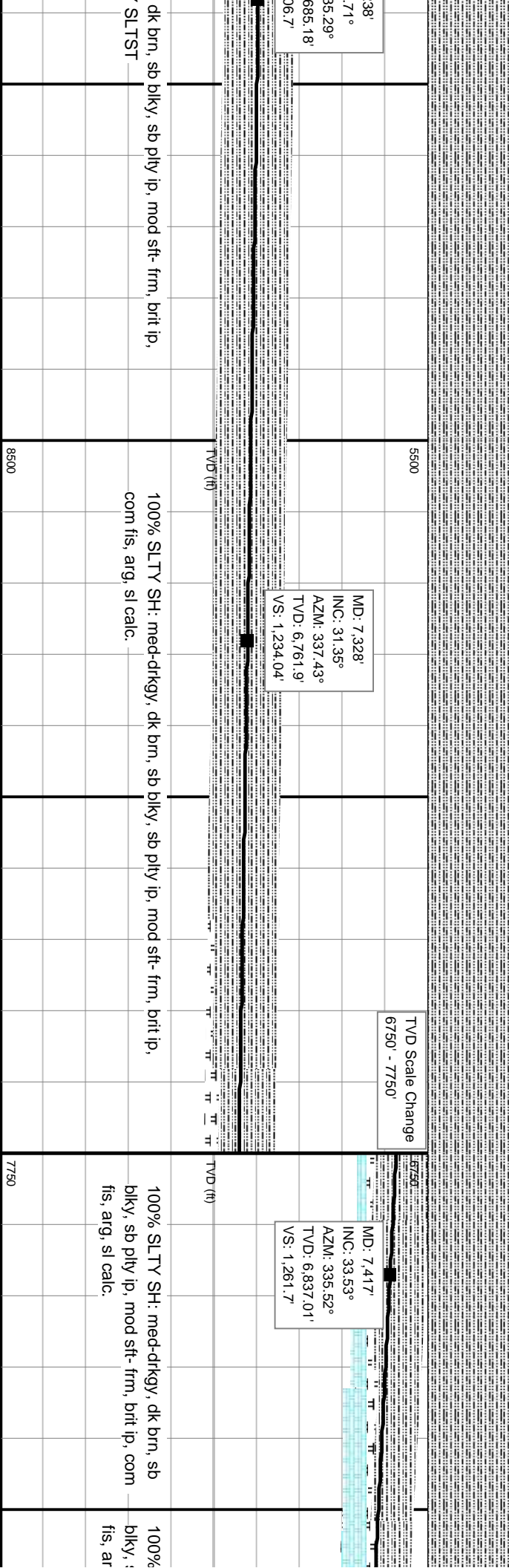
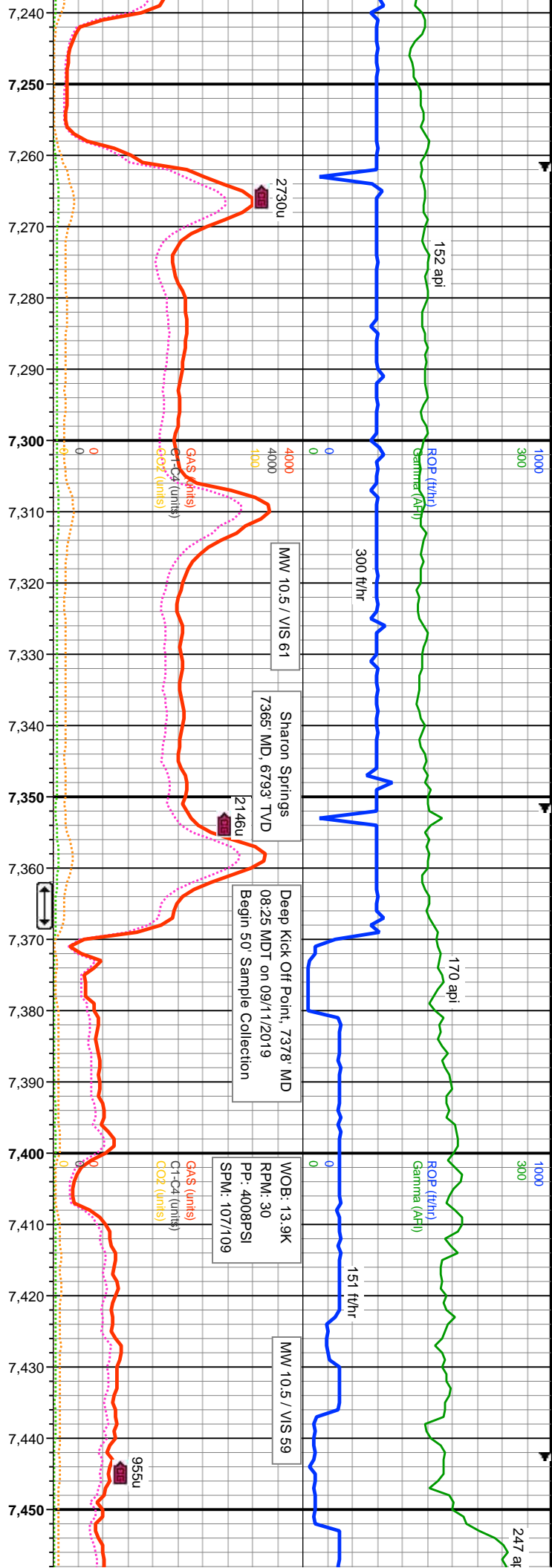




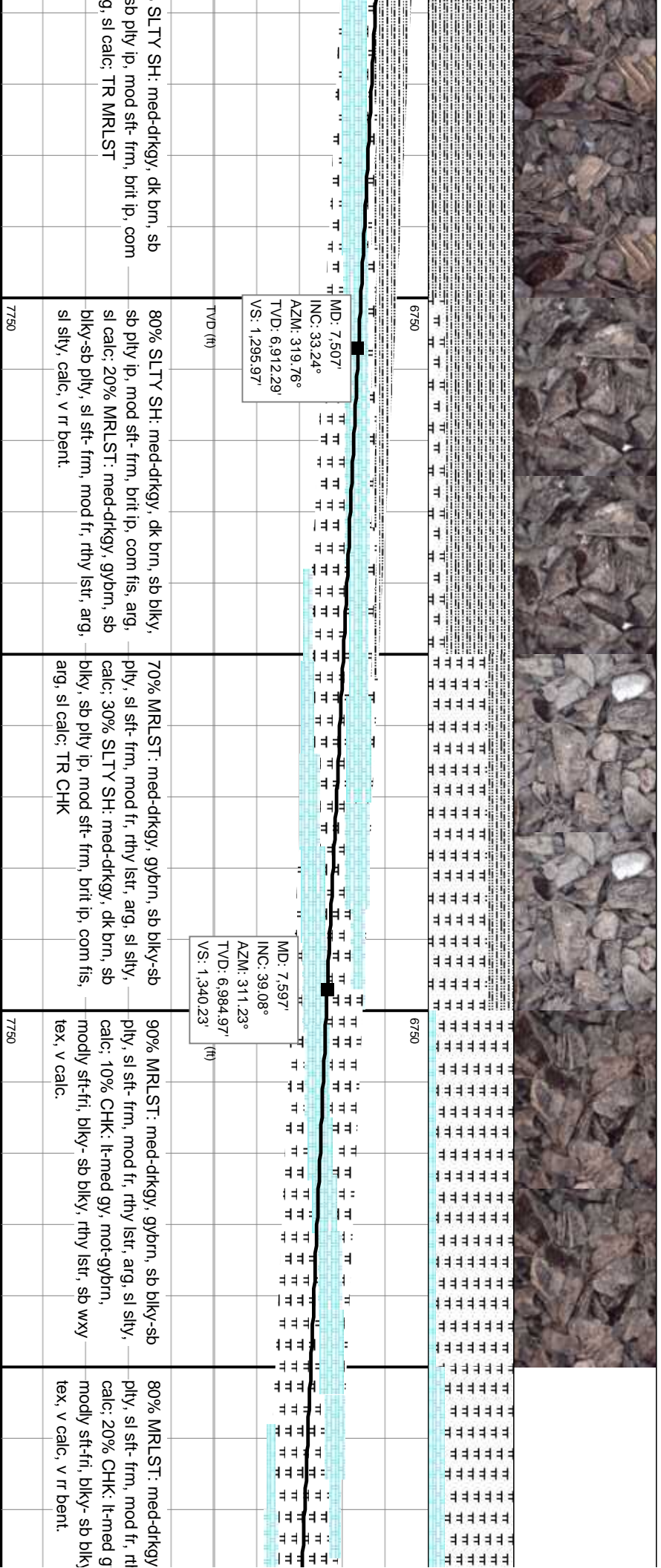
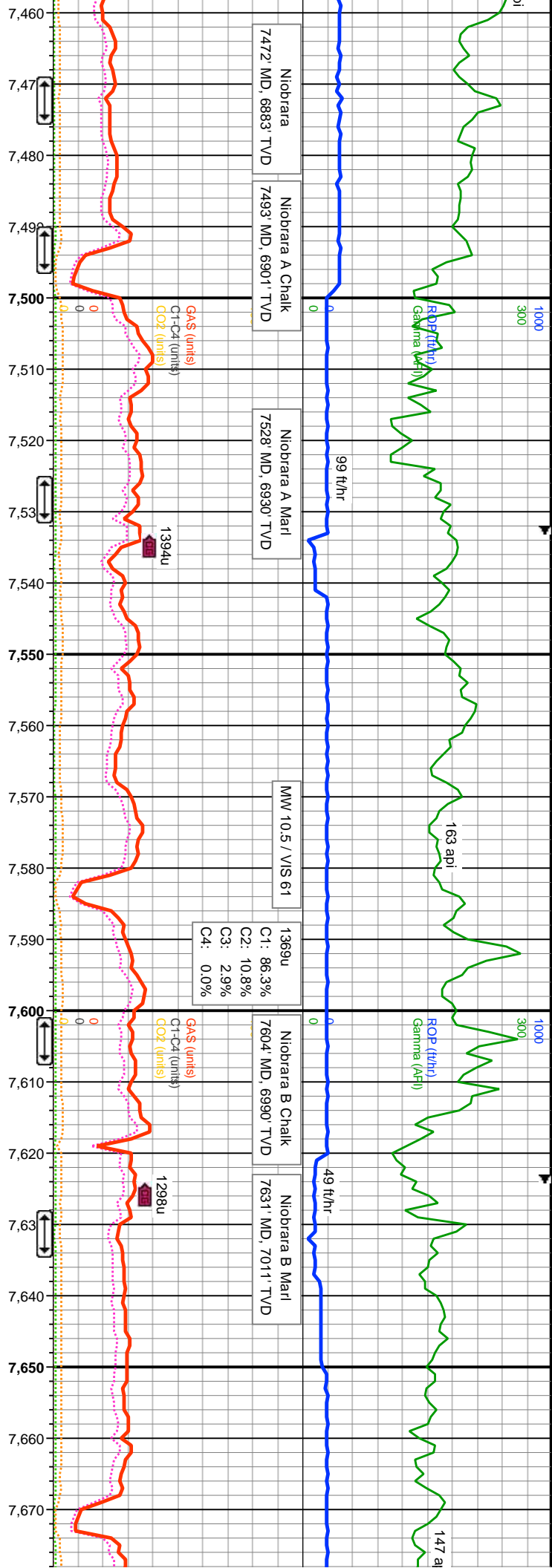
5500		MD: 6.879' INC: 31.06° AZM: 343.3° TVD: 6.378.93' VS: 1,109.76'		5500		MD: 6.969' INC: 30.43° AZM: 342.82° TVD: 6.456.28' VS: 1,132.2'		5500	
8500		8500		8500		8500		8500	
TVD (ft)		TVD (ft)		TVD (ft)		TVD (ft)		TVD (ft)	
60% SHY SLTST: lt-medgy, gybrn, sb blyk-sb pily, sft-mod frm, occ fri, arg, rthy lstr, sm tex, v sl-sl calc; 40% SLTY SH: med-dkrgy, dk brn, sb blyk, sb pily ip, mod sft-frm, brit ip, com fis, arg, sl calc		55% SLTY SH: med-dkrgy, dk brn, sb blyk, sb pily ip, mod sft-frm, brit ip, com fis, arg, sl calc; 45% SHY SLTST: lt-medgy, gybrn, sb blyk-sb pily, sft-mod frm, occ fri, arg, rthy lstr, sm tex, v sl-sl calc.		70% SLT					



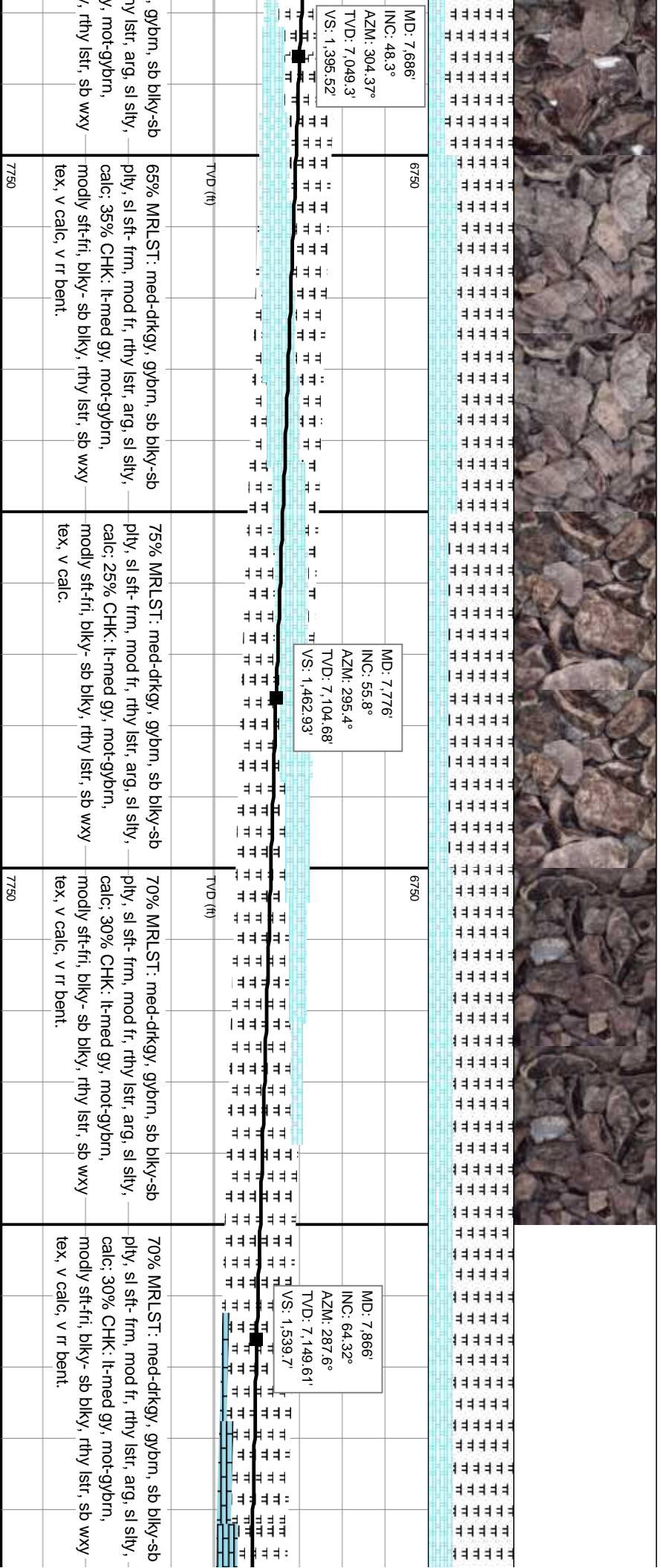
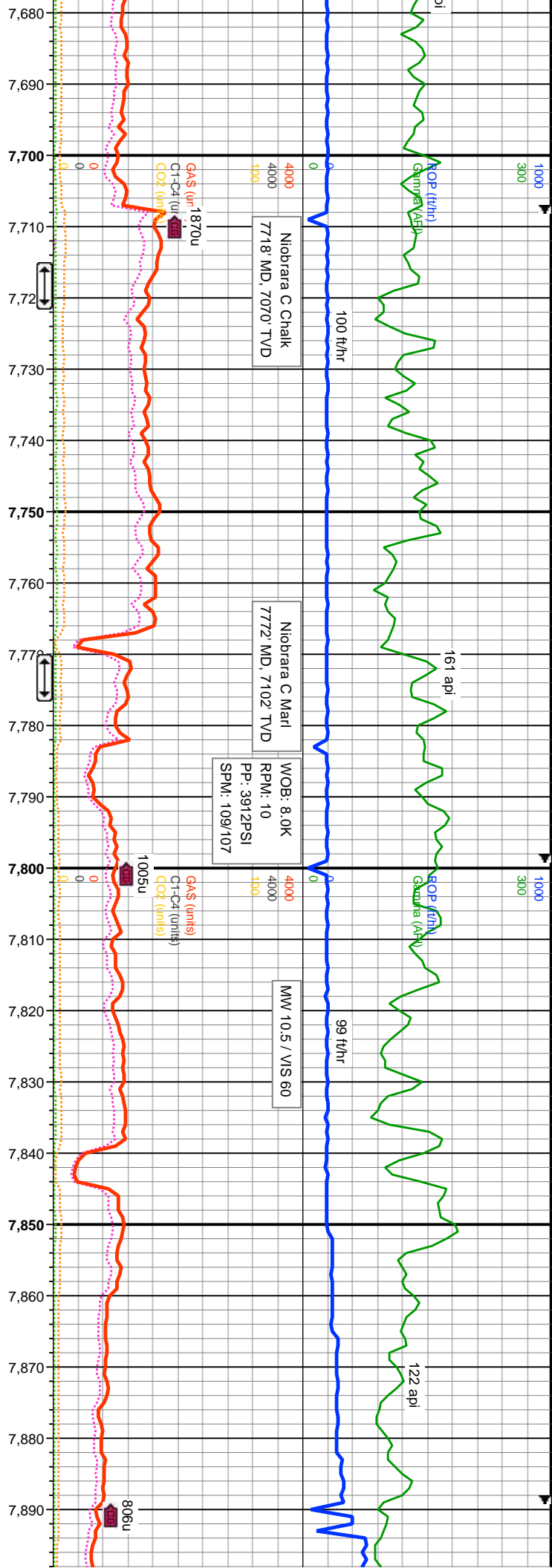


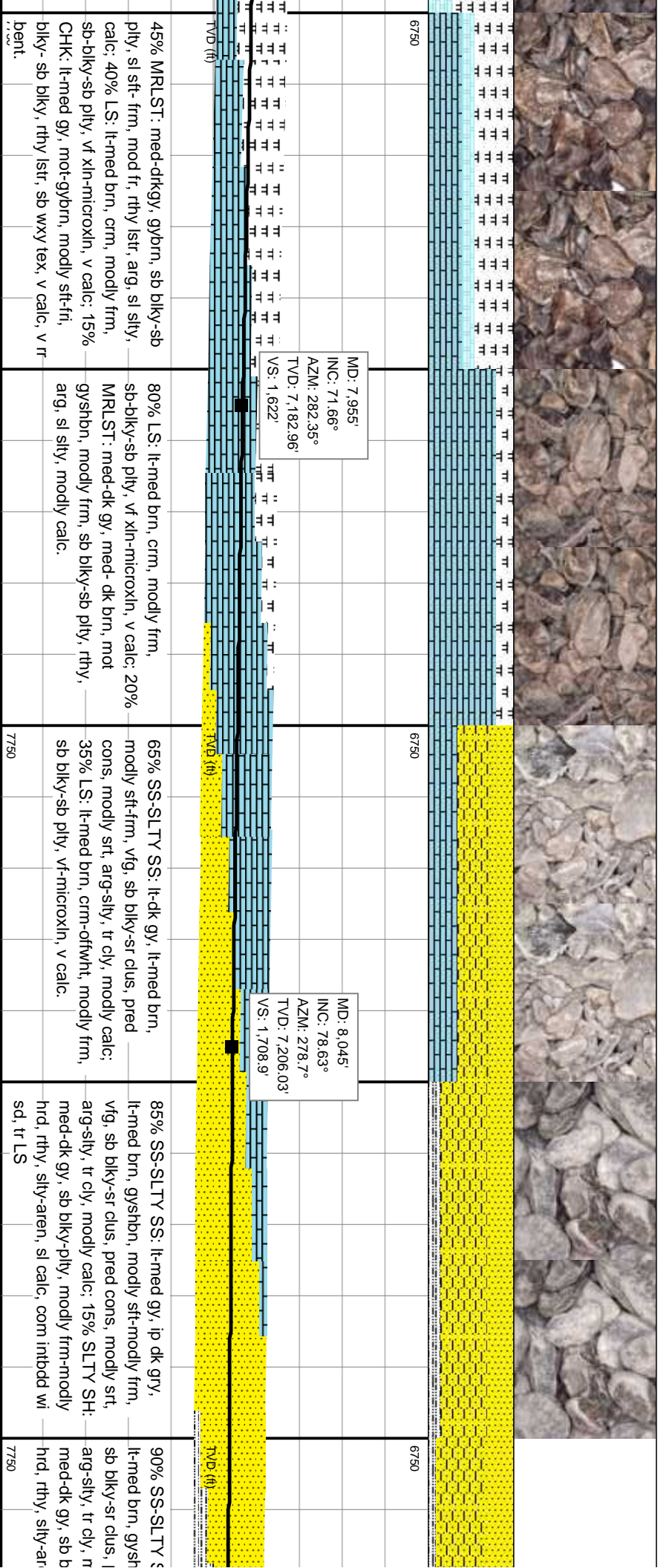
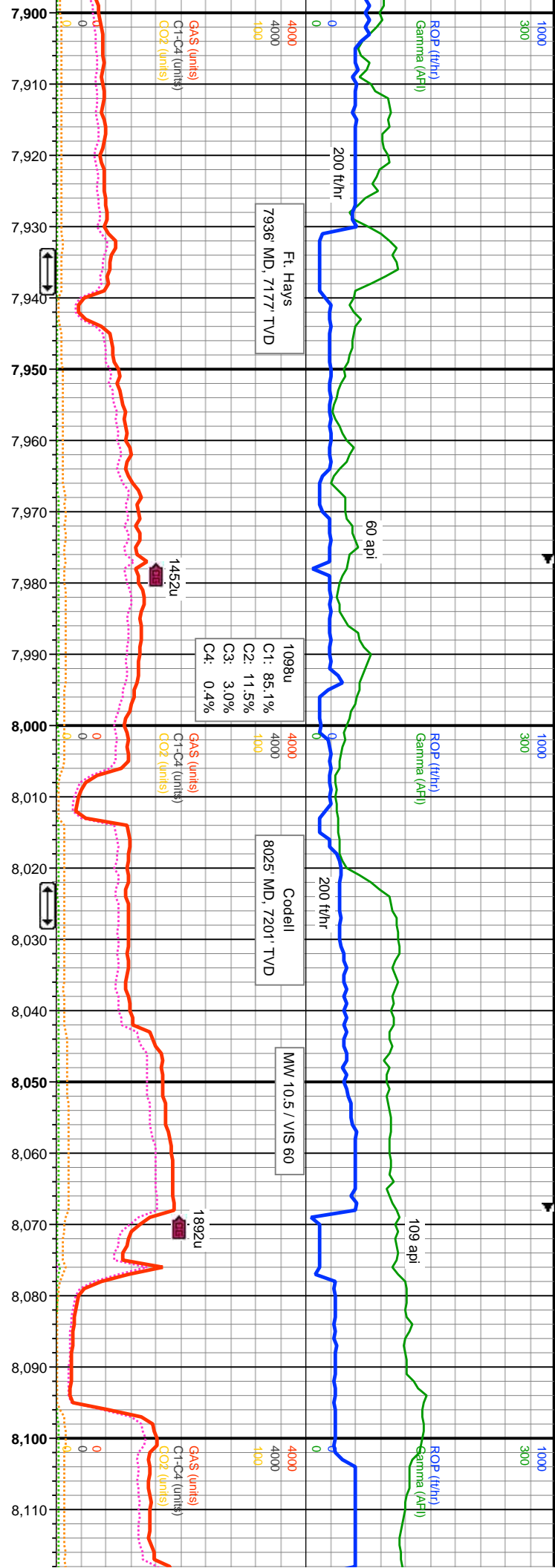




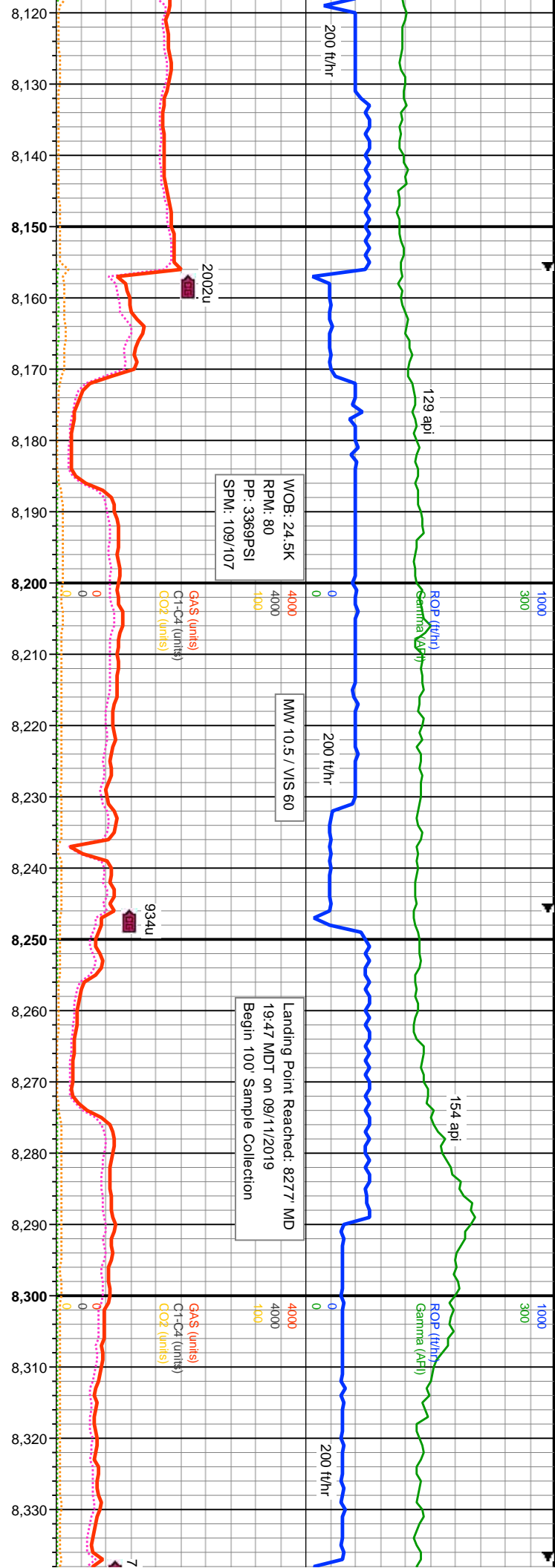












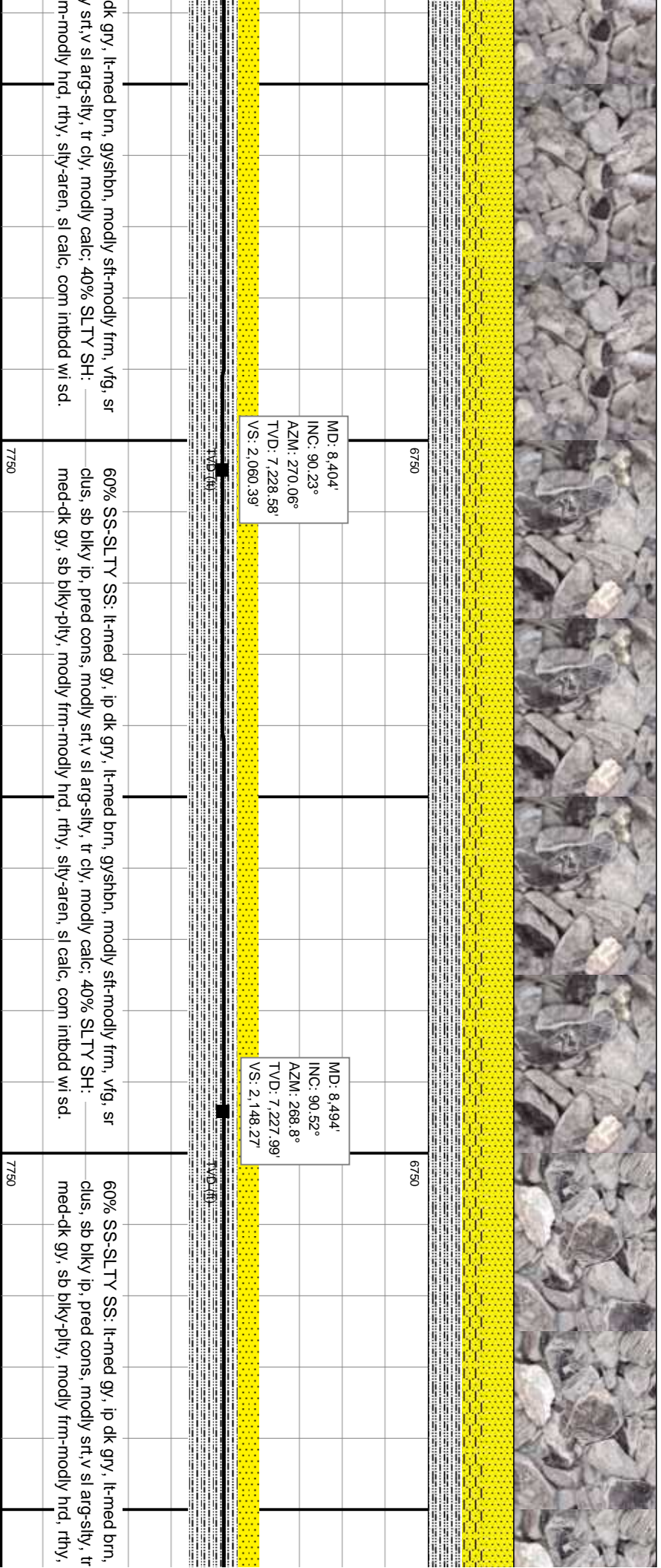
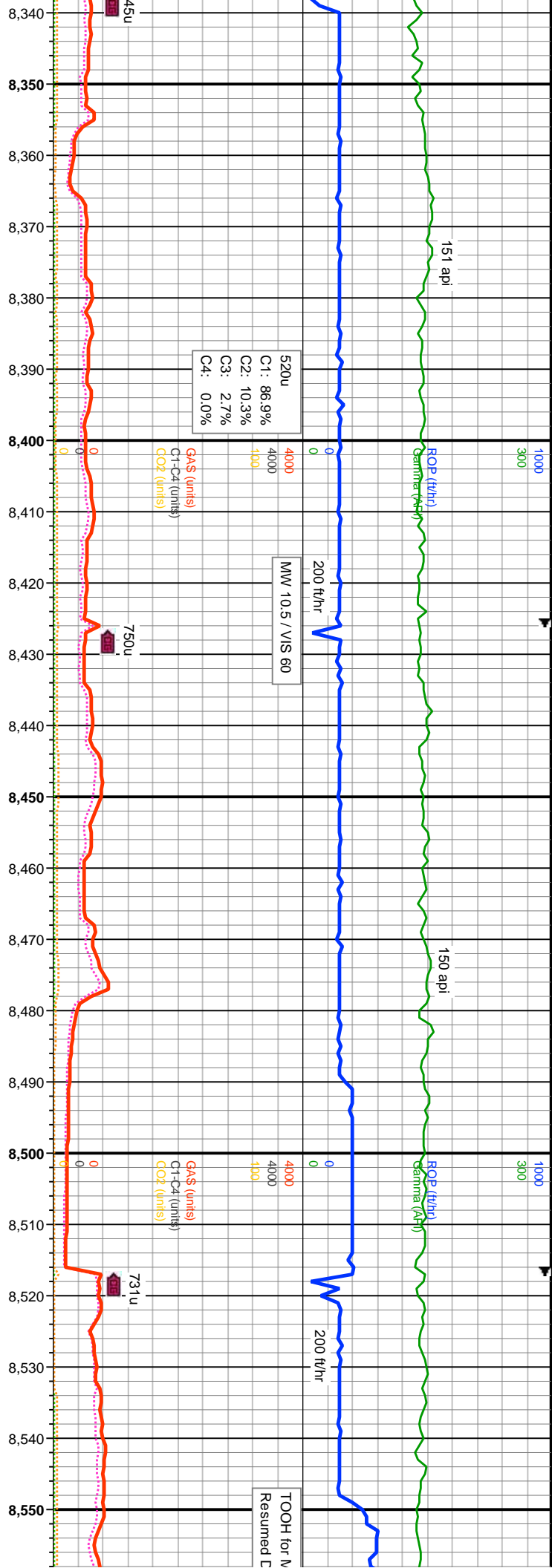
MD: 8.135'  
INC: 85.5°  
AZM: 273.09°  
TVD: 7.218.46'  
VS: 1.797.46'

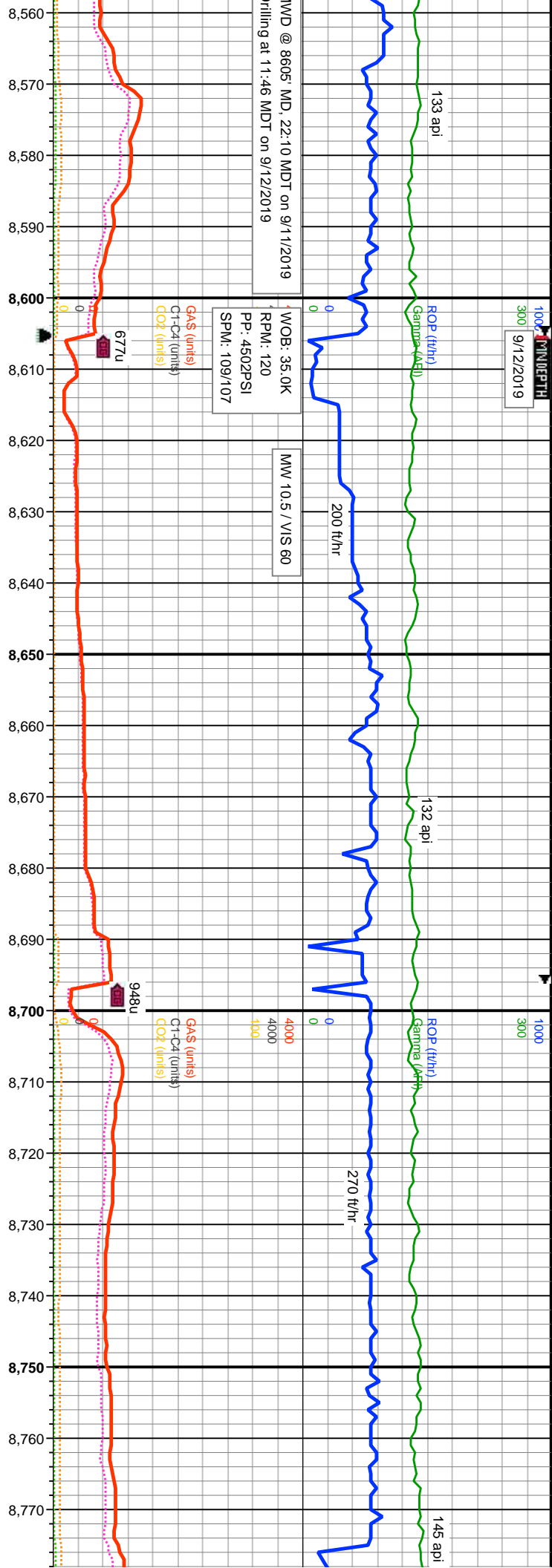
MD: 8.224'  
INC: 88.06°  
AZM: 269.74°  
TVD: 7.223.45'  
VS: 1.884.82'

MD: 8.314'  
INC: 87.59°  
AZM: 268.61°  
TVD: 7.226.87'  
VS: 1.972.56'

SS: It-med gy, ip dk gry, bn, modly sft-modly frm, vfg, mod cons, modly srt, modly calc, 10% SLTY SH: lky-pty, modly frm-modly en, sl calc, com intbdd wi sd.	90% SS-SLTY SS: It-med gy, ip dk gry, It-med brn, gysbhn, modly sft-modly frm, vfg, sb blk-yr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, 10% SLTY SH: med-dk gy, sb blk-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.	80% SS-SLTY SS: It-med gy, ip dk gry, It-med brn, gysbhn, modly sft-modly frm, vfg, sb blk-yr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, 20% SLTY SH: med-dk gy, sb blk-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.	70% SS-SLTY SS: It-med gy, ip dk gry, It-med brn, gysbhn, modly sft-modly frm, vfg, sb blk-yr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, 30% SLTY SH: med-dk gy, sb blk-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.	60% SS-SLTY SS: It-med gy, ip clus, sb blk-yr ip, pred cons, modly med-dk gy, sb blk-pty, modly frm
7750	7750	7750	7750	7750







Bit #: 3  
Size: 8.5  
Make: Smith  
Model: MD516  
Jets: JN7863  
S/N: 1x13, 1x11, 3x12  
Depth In: 8.605  
MD: 8.583'  
INC: 90.91°  
AZM: 267.94°  
TVD: 7.226.87'  
VS: 2.234.8'

MD: 8.673'  
INC: 91.14°  
AZM: 268.67°  
TVD: 7.225.27'  
VS: 2.322.28'

MD: 8.763'  
INC: 91.04°  
AZM: 269.56°  
TVD: 7.223.56'  
VS: 2.410.04'

gyshbn, modly sft-modly frm, vfg, sr  
cl, modly calc; 40% SLTY SH:  
silty-aren, sl calc, com intbdd wi sd.

65% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gyshbn, modly sft-modly frm, vfg, sr  
clus, sb blkly ip, pred cons, modly srt,v sl arg-sily, tr cly, modly calc; 35% SLTY SH:  
med-dk gy, sb blkly-pily, modly frm-modly hrd, rthy, silty-aren, sl calc, com intbdd wi sd.

60% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gyshbn, modly sft-modly frm, vfg, sr  
clus, sb blkly ip, pred cons, modly srt,v sl arg-sily, tr cly, modly calc; 40  
med-dk gy, sb blkly-pily, modly frm-modly hrd, rthy, silty-aren, sl calc, c

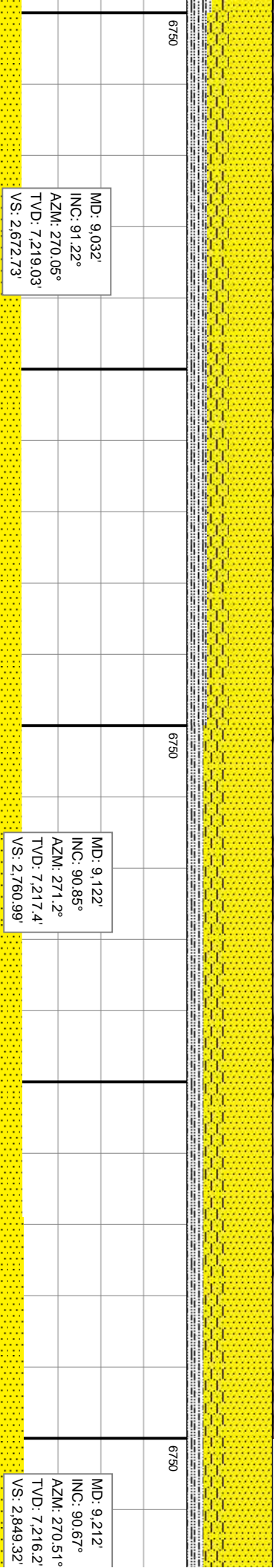
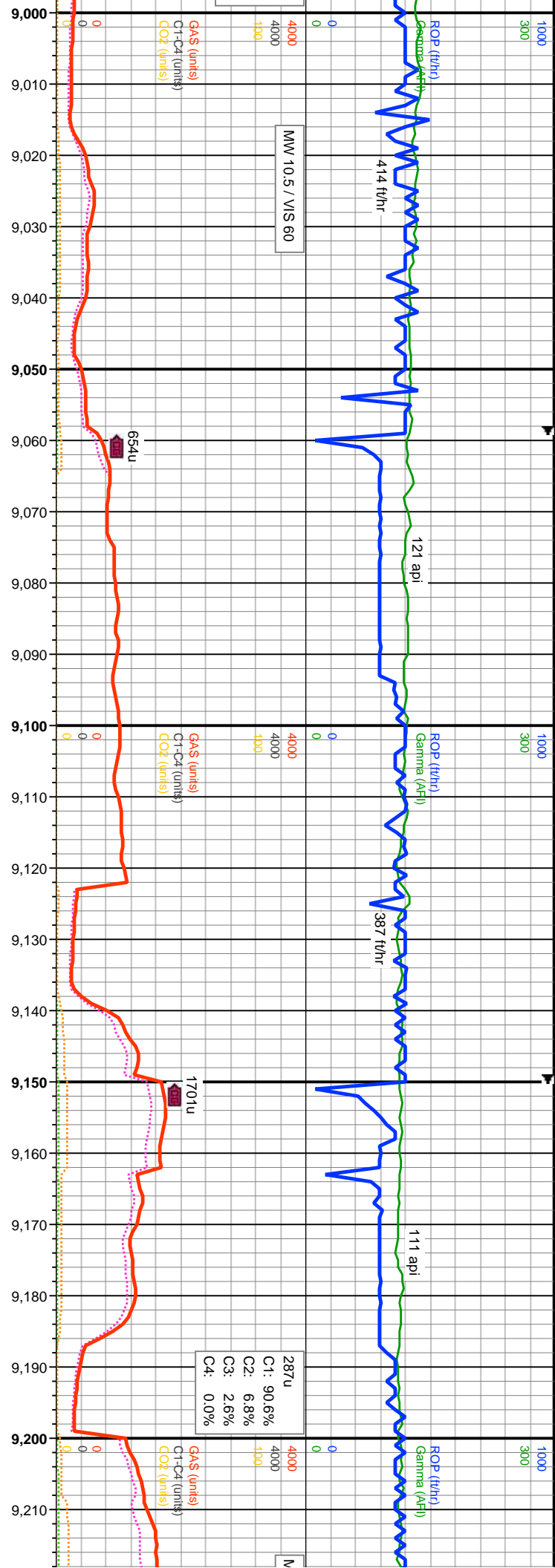
7750

7750

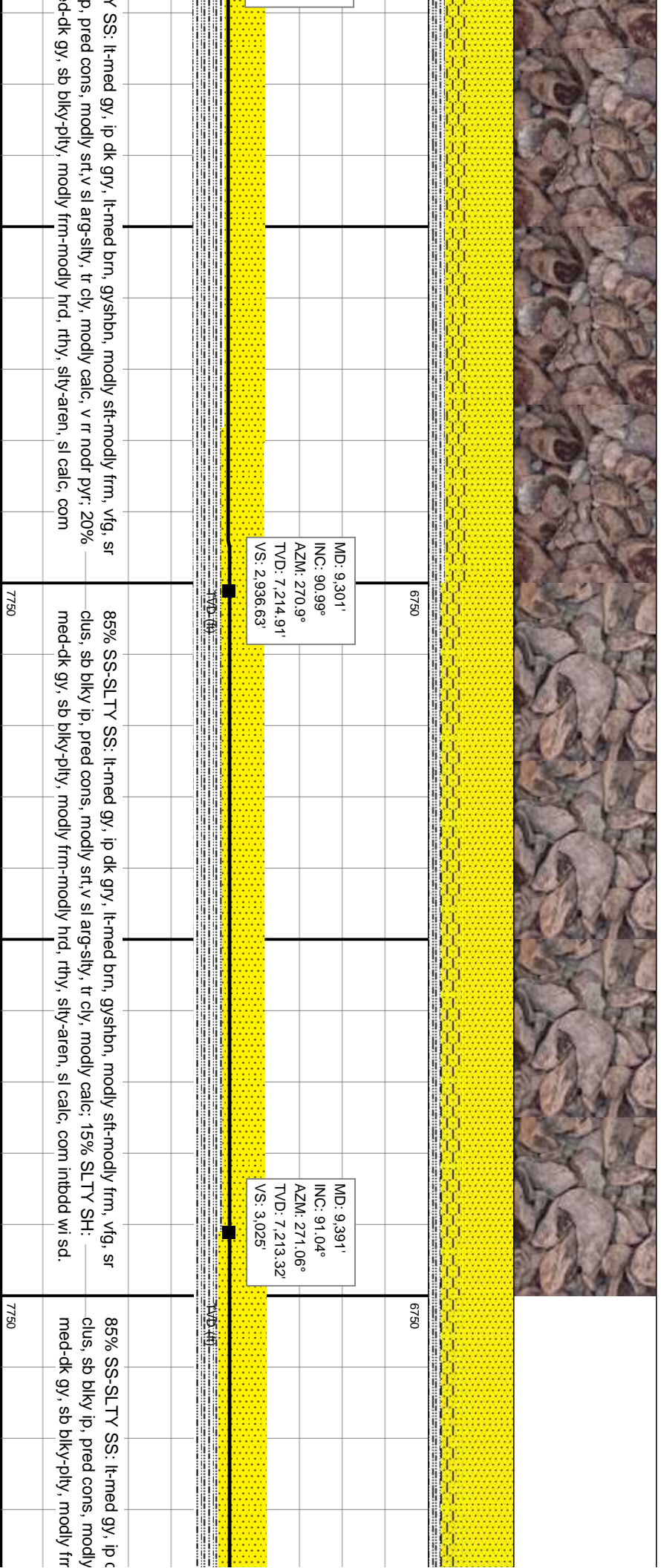
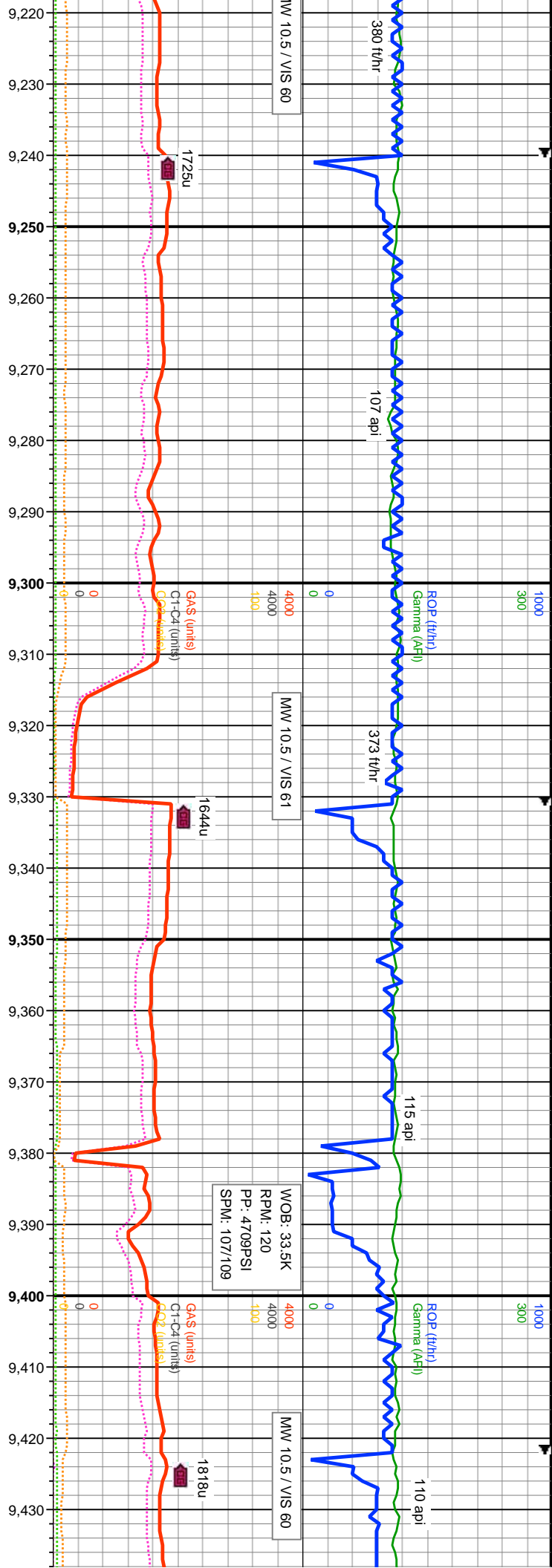




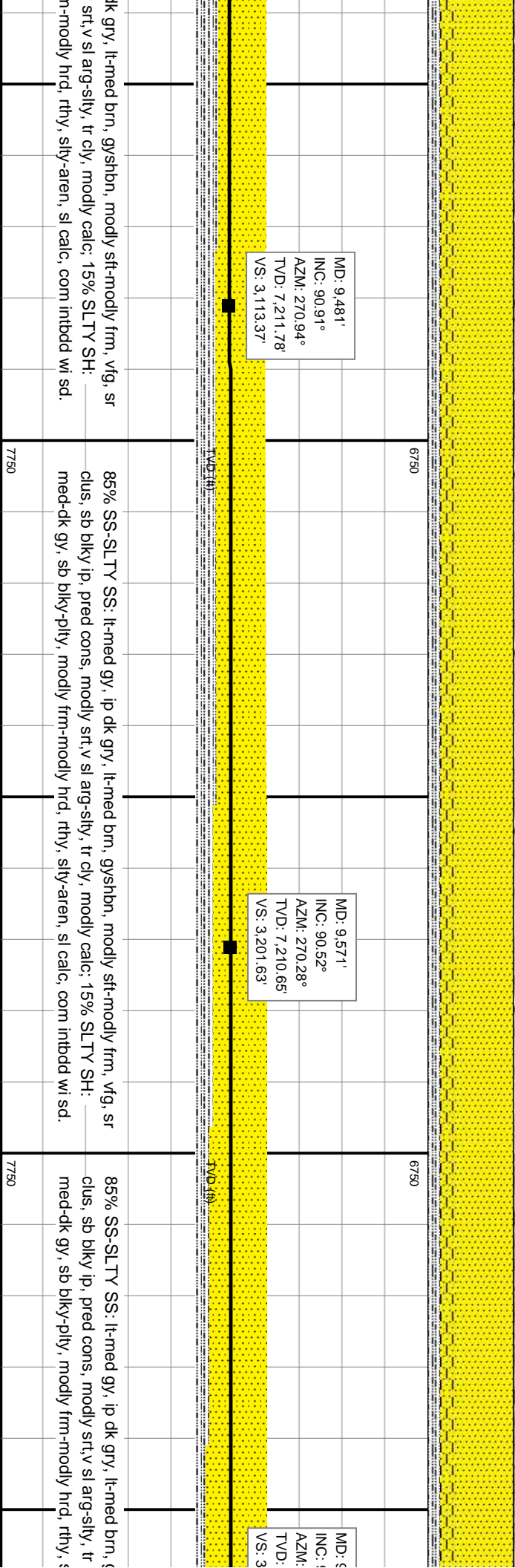
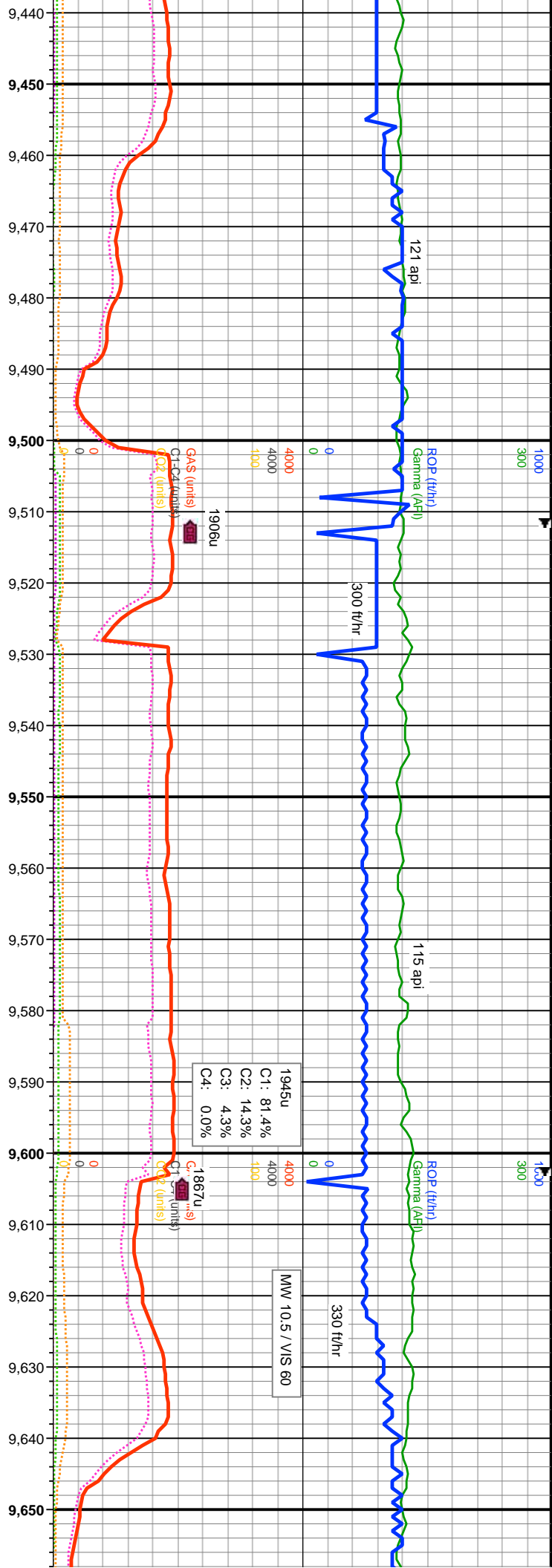




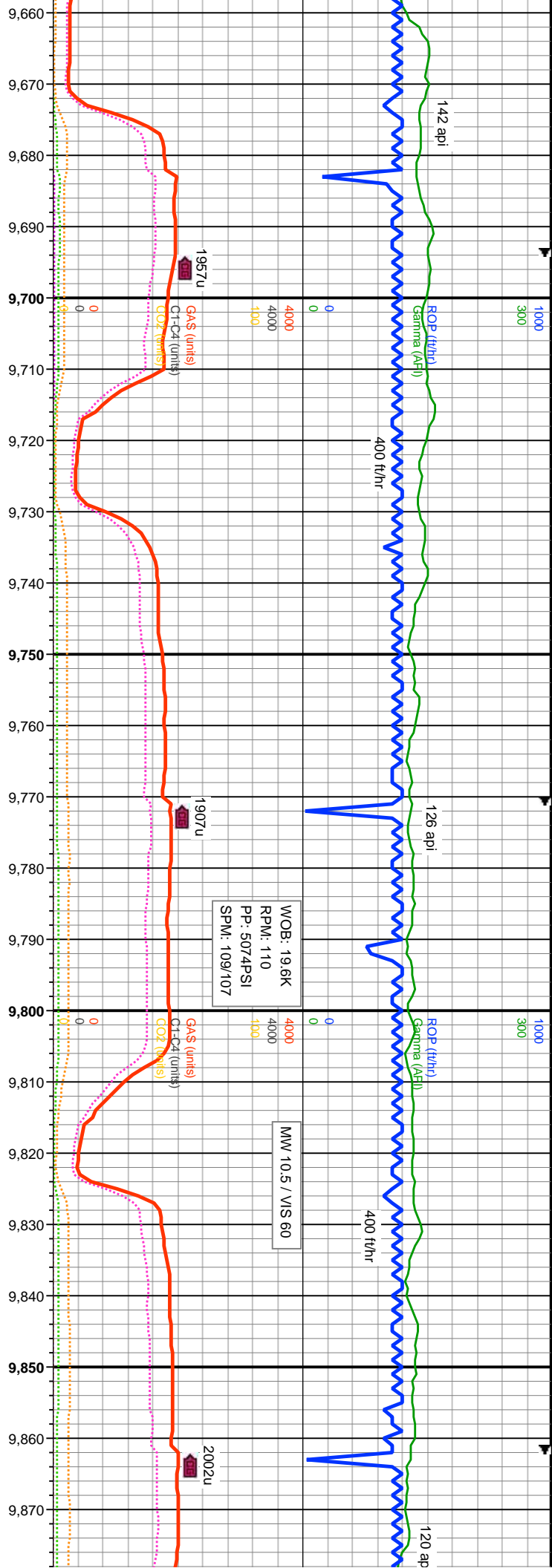
<p>75% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sr clus, sb blkly ip, pred cons, modly srt,v sl arg-sily, tr cly, modly calc; 25% SLTY SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.</p>	<p>80% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sr clus, sb blkly ip, pred cons, modly srt,v sl arg-sily, tr cly, modly calc, v rr nodr pyr; 20% SLTY SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.</p>	<p>80% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sr clus, sb blkly ip, pred cons, modly srt,v sl arg-sily, tr cly, modly calc, v rr nodr pyr; 20% SLTY SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.</p>
7730	7730	7730











660'  
90.48°  
270.54°  
7.209.88'  
288.85'

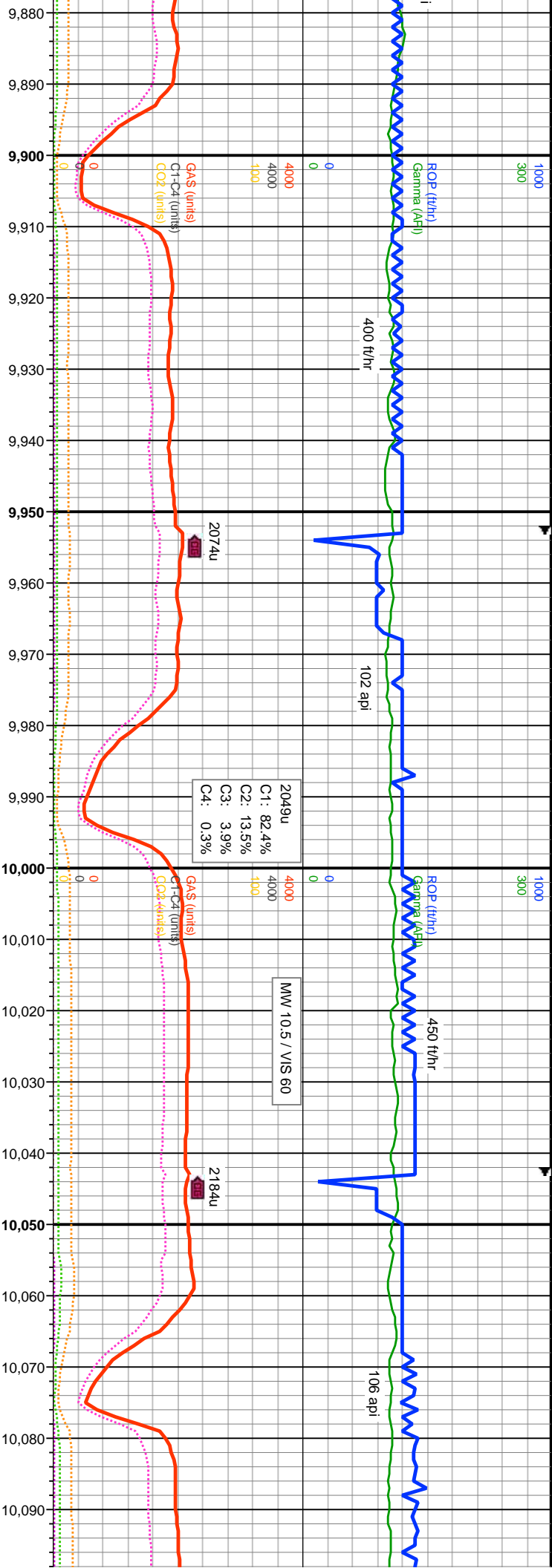
MD: 9.750'  
INC: 90.32°  
AZM: 271.07°  
TVD: 7.209.25'  
VS: 3.377.18'

MD: 9.840'  
INC: 90.73°  
AZM: 270.16°  
TVD: 7.208.43'  
VS: 3.465.44'

gyshbn, modly sft-modly frm, vfg, sr  
clcy, modly calc; 15% SLTY SH:  
sily-aren, sl calc, com intbdd wi sd.

80% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gyshbn, modly sft-modly frm, vfg, sr  
clus, sb blkly ip, pred cons, modly srl, v sl arg-sily, tr cly, modly calc, v rr nodr pyr; 20%  
SLTY SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com  
intbdd wi sd.

80% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gyshbn, modly sft  
clus, sb blkly ip, pred cons, modly srl, v sl arg-sily, tr cly, modly calc, v  
SLTY SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-are  
intbdd wi sd.

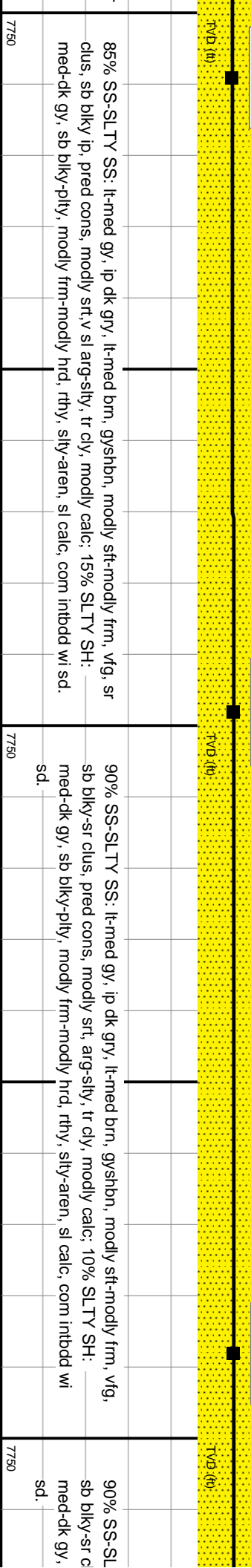
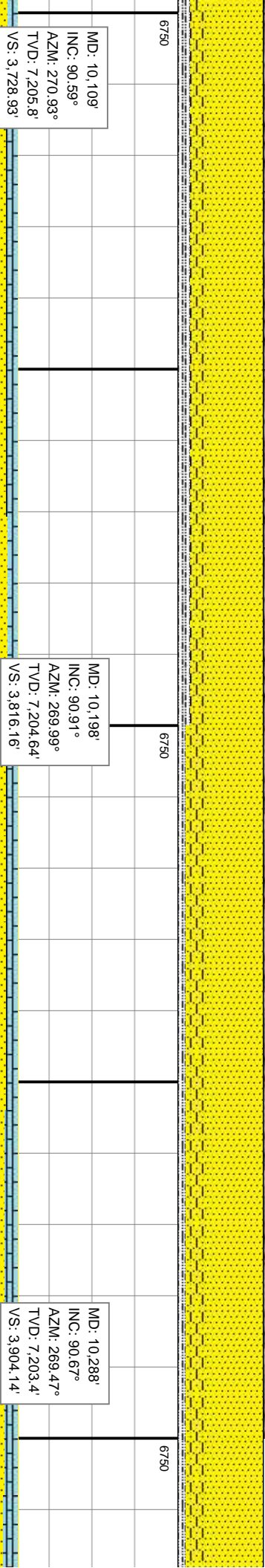
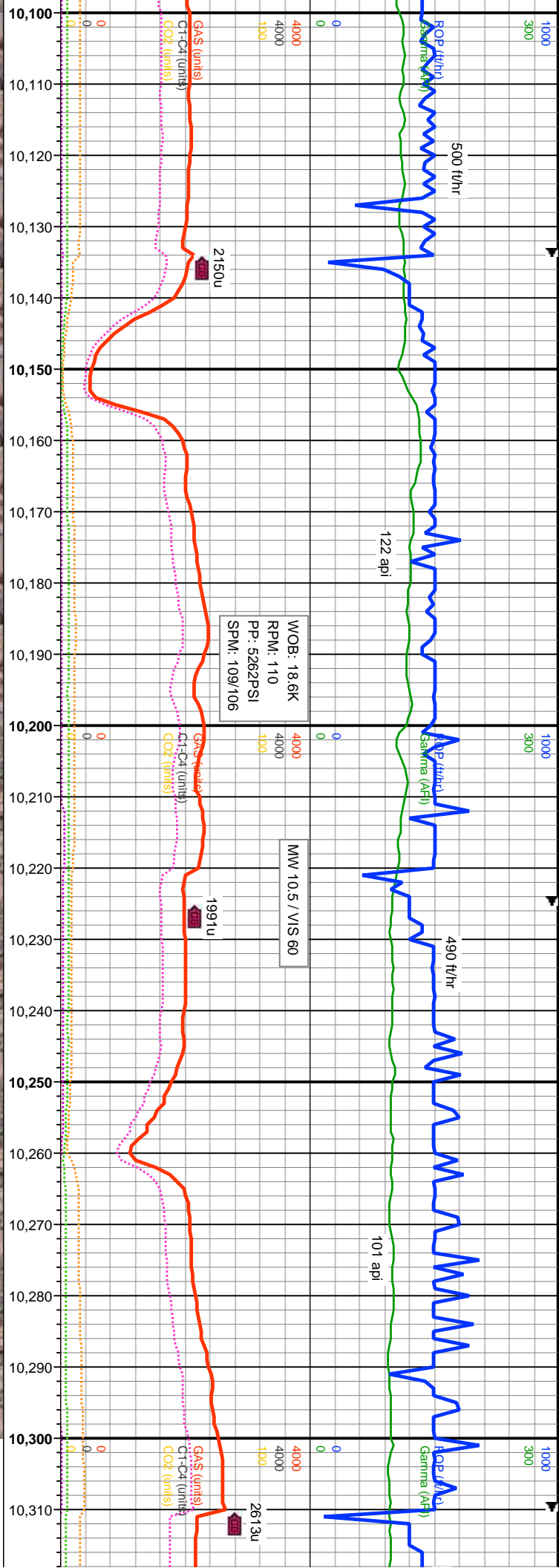


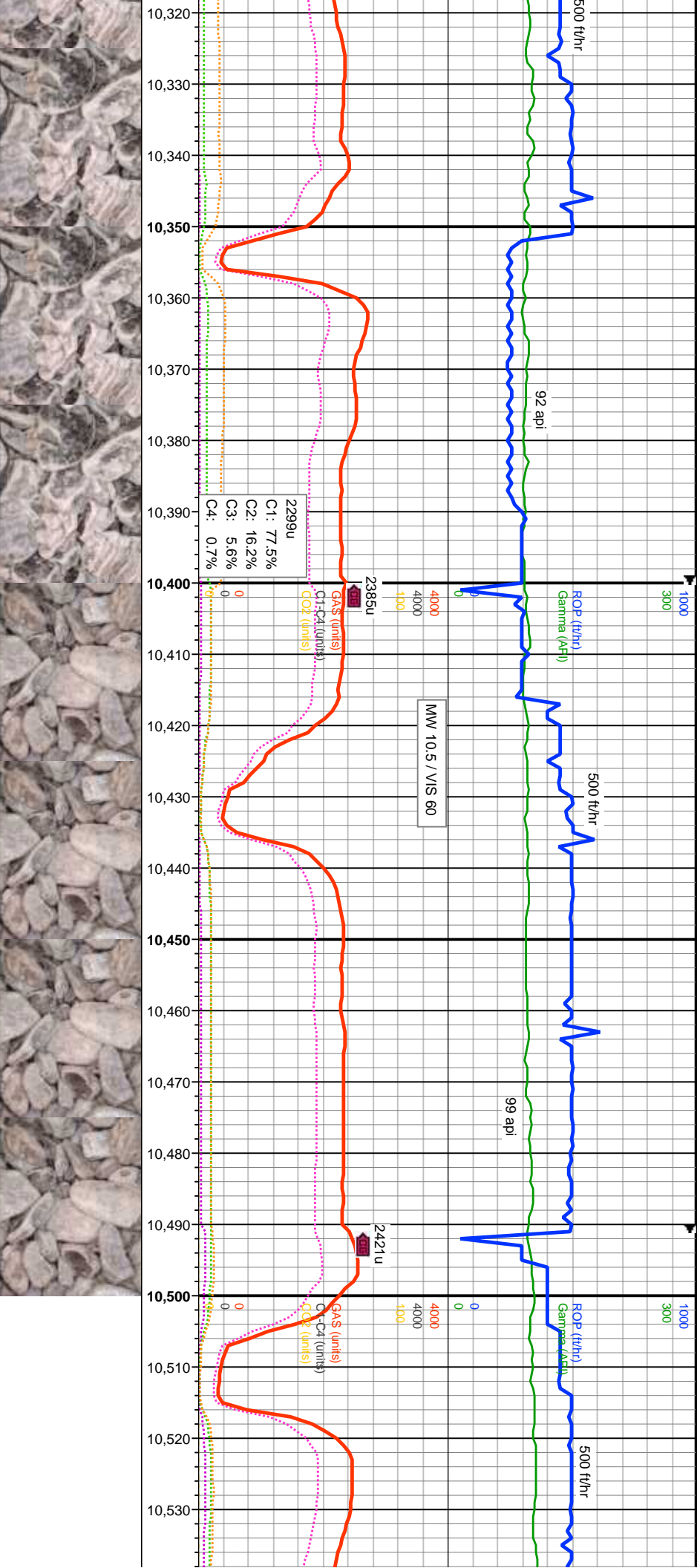
MD: 9,929'  
INC: 90.45°  
AZM: 270.83°  
TVD: 7,207.51'  
VS: 3,552.69'

MD: 10,019'  
INC: 90.58°  
AZM: 269.43°  
TVD: 7,206.71'  
VS: 3,640.8'

modly frm, vfg, sr	80% SS-SLTY SS: lt-med gy, lp dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sr	85% SS-SLTY SS: lt-med gy, lp dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sr
rr nodr pyr, 20%	clus, sb blkly ip, pred cons, modly srl,v sl arg-slty, tr cly, modly calc, v rr nodr pyr, 20%	clus, sb blkly ip, pred cons, modly srl,v sl arg-slty, tr cly, modly calc, 15% SLTY SH: —
n, sl calc, com	SLTY SH: med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, slty-aren, sl calc, com	med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, slty-aren, sl calc, com
	intbdd wi sd.	intbdd wi sd.
6730		6730
7750		7750







MD: 10,378'  
INC: 90.42°  
AZM: 271.21°  
TVD: 7,202.54'  
VS: 3,992.32'

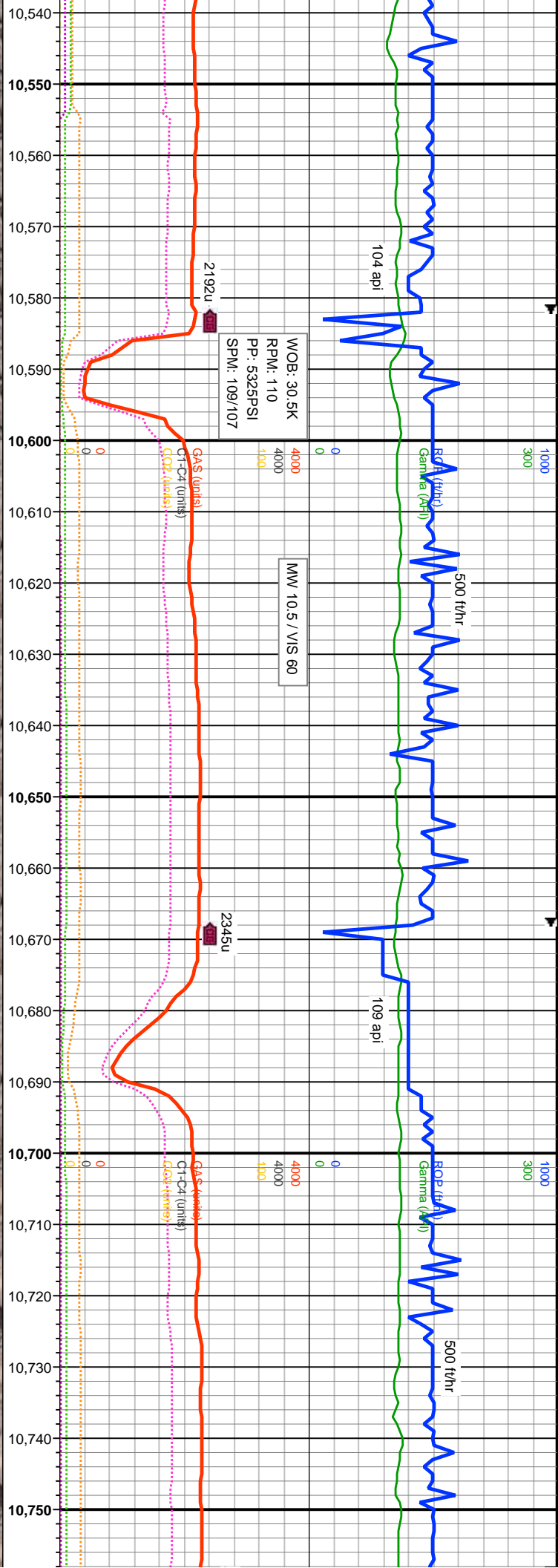
MD: 10,468'  
INC: 90°  
AZM: 270.69°  
TVD: 7,202.21'  
VS: 3,685.17'

TY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg,  
us, pred cons, modly srt, arg-sily, tr cly, modly calc: 10% SL TY SH:  
sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd w/

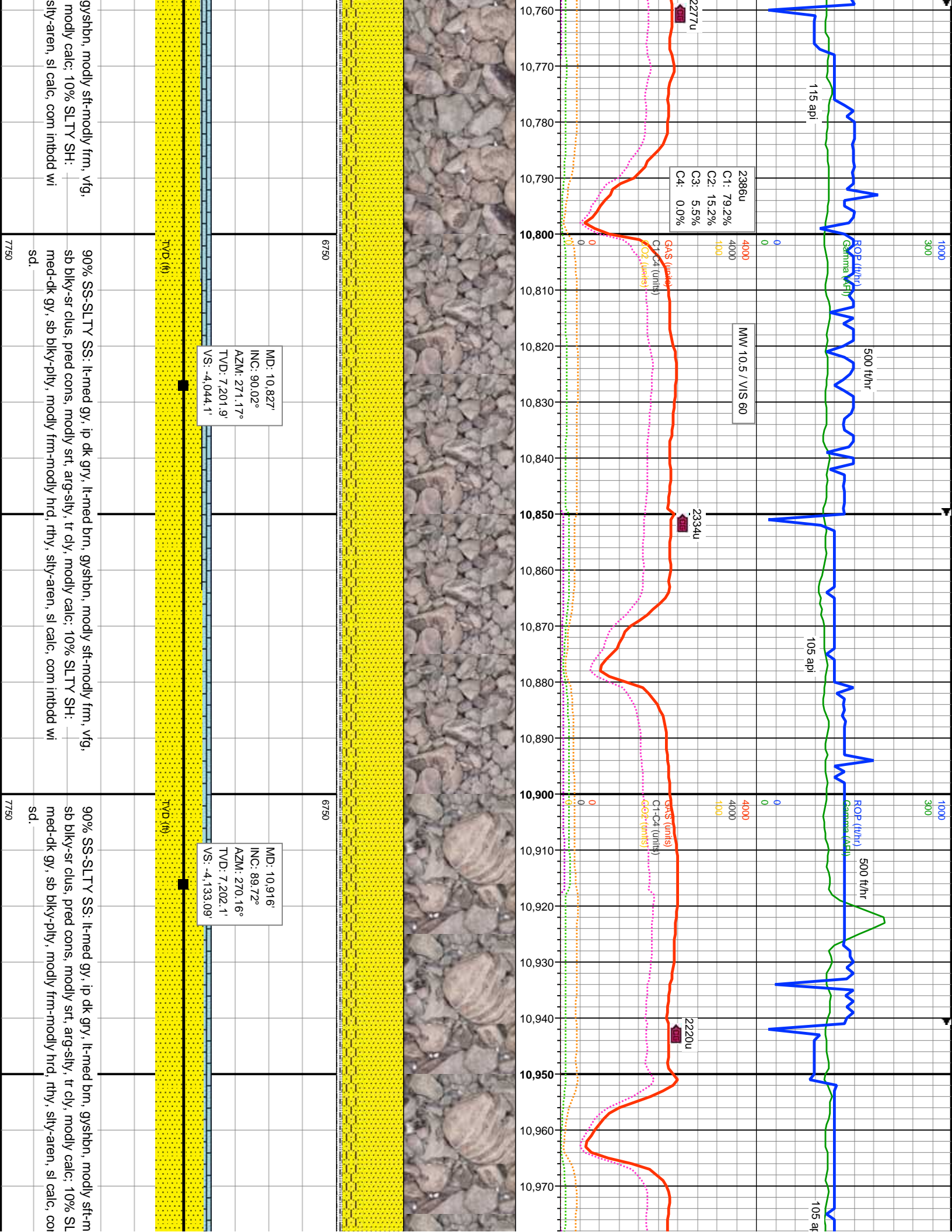
90% SS-SL TY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg,  
sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc: 10% SL TY SH:  
med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd w/

sd.

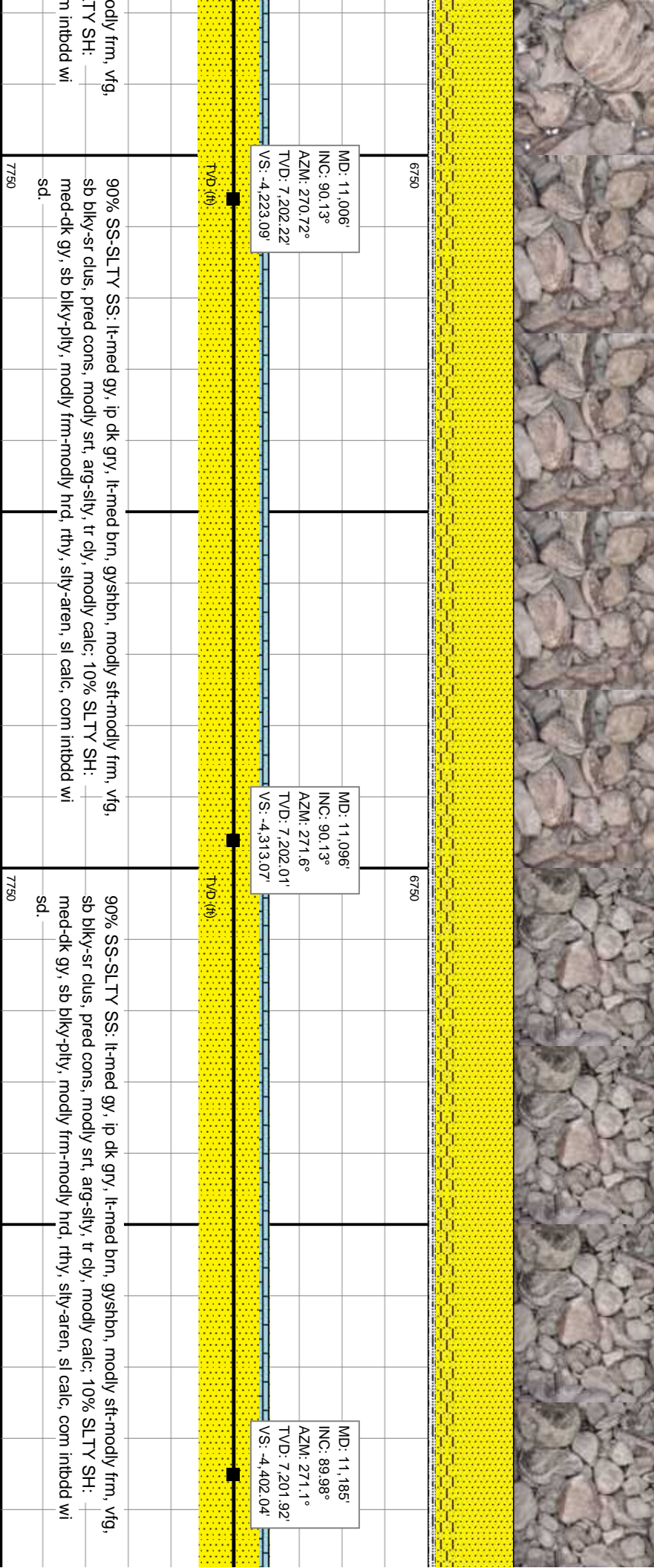
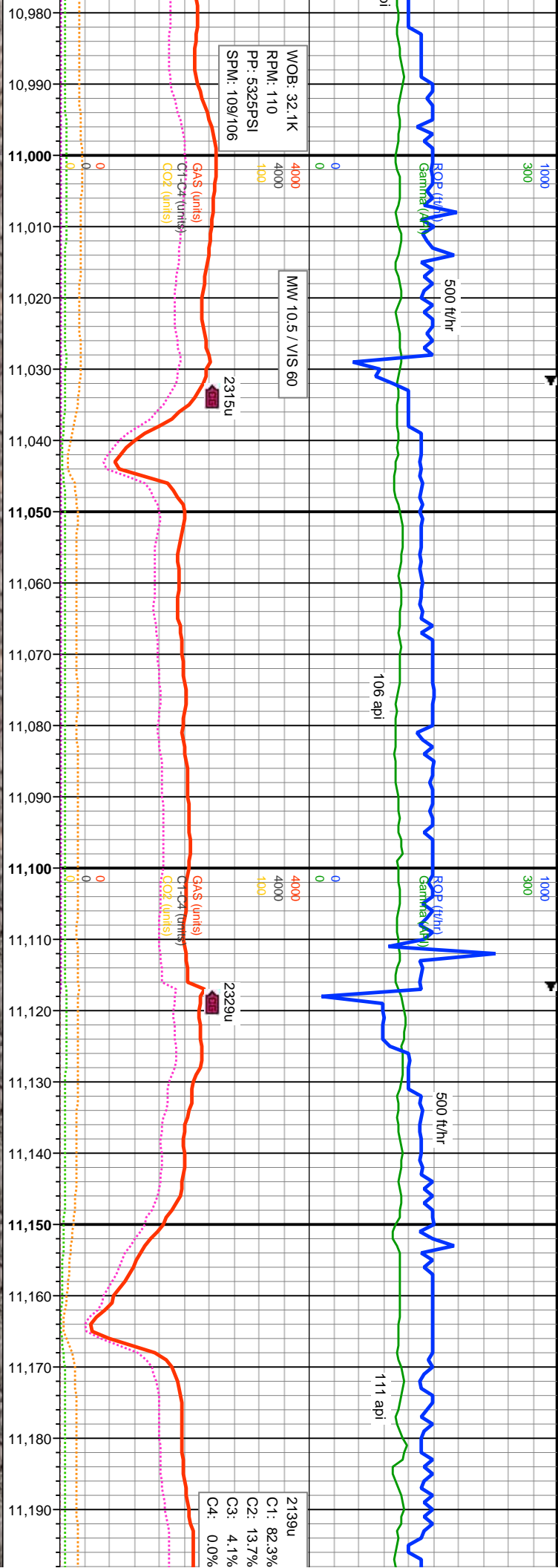


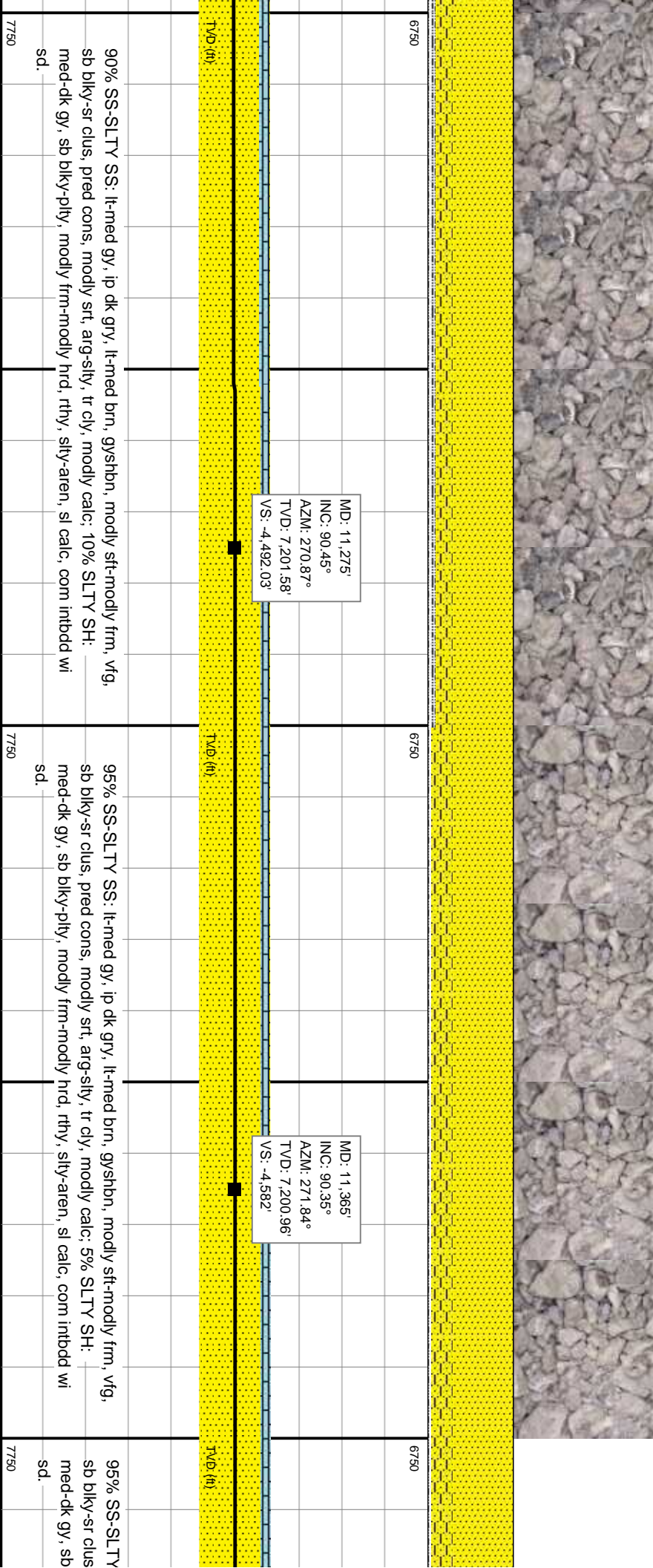
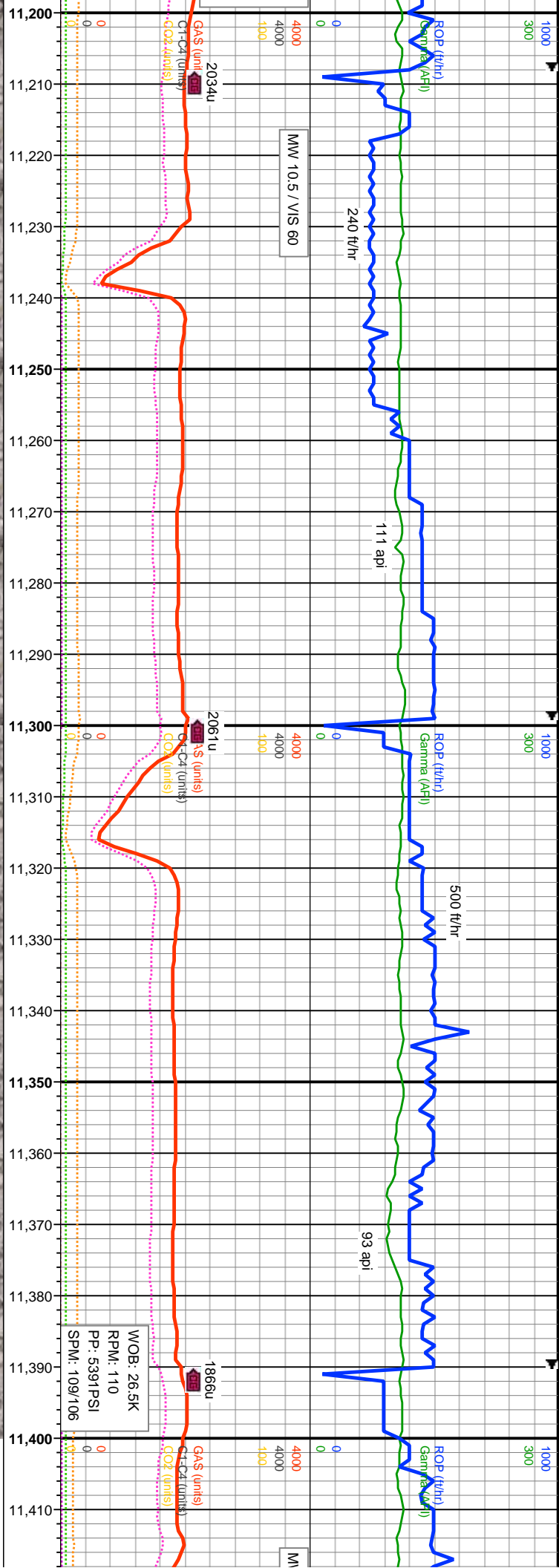


	<div>MD: 10.557 INC: 90.23° AZM: 271.69° TVD: 7.202.03' VS: -3.774.15'</div>	<div>MD: 10.647 INC: 89.99° AZM: 270.94° TVD: 7.201.86' VS: -3.864.13'</div>	<div>MD: 10.737 INC: 89.97° AZM: 271.11° TVD: 7.201.89' VS: -3.954.11'</div>
	6730	6730	6730
	7750	7750	7750
	90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, 10% SLTY SH: med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.	90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, 10% SLTY SH: med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.	90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, 10% SLTY SH: med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.

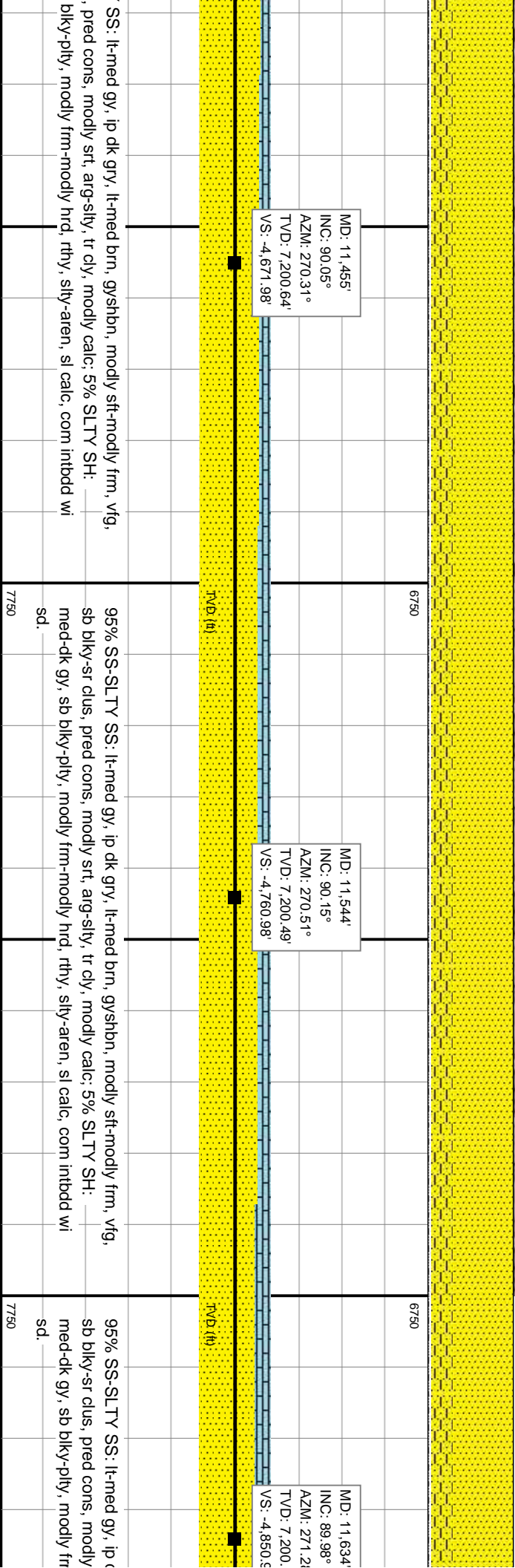
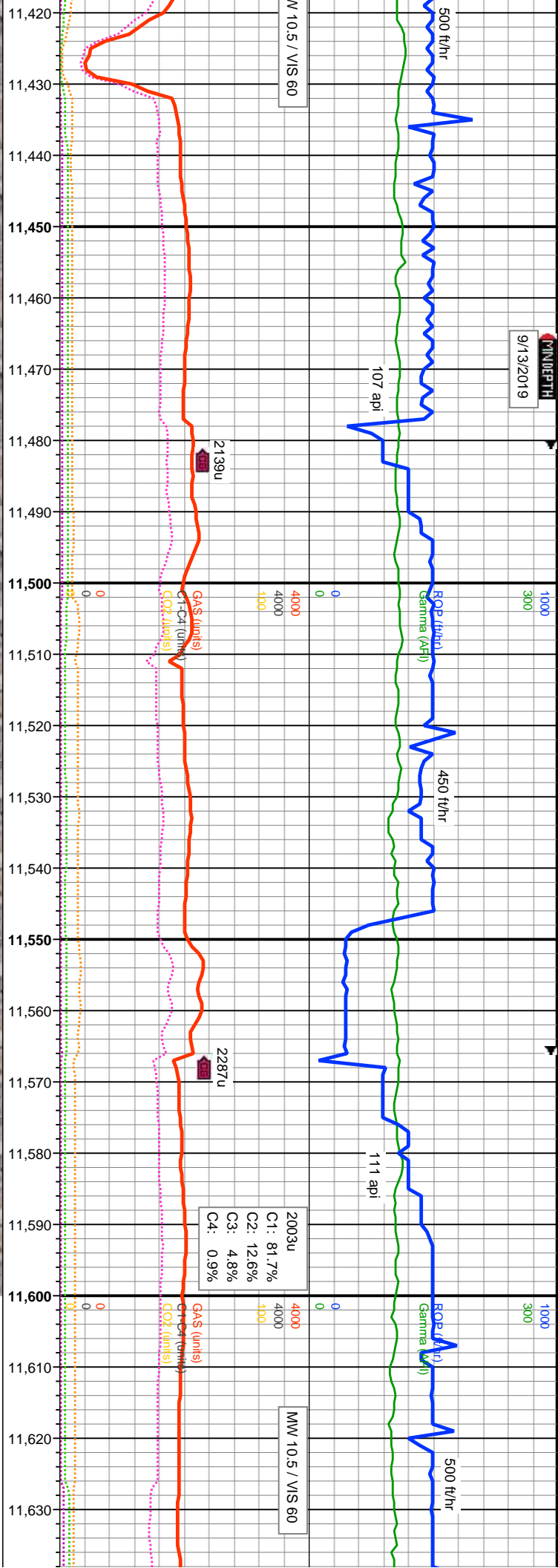


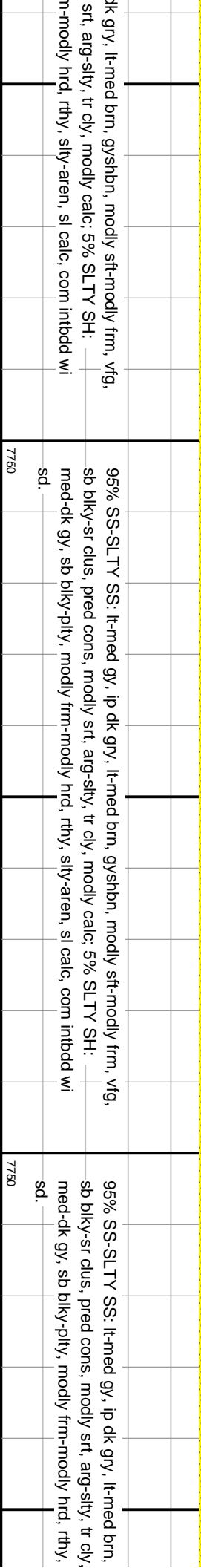




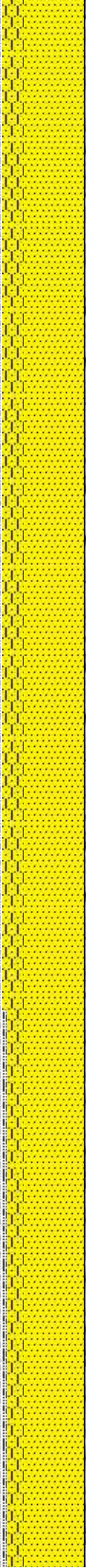
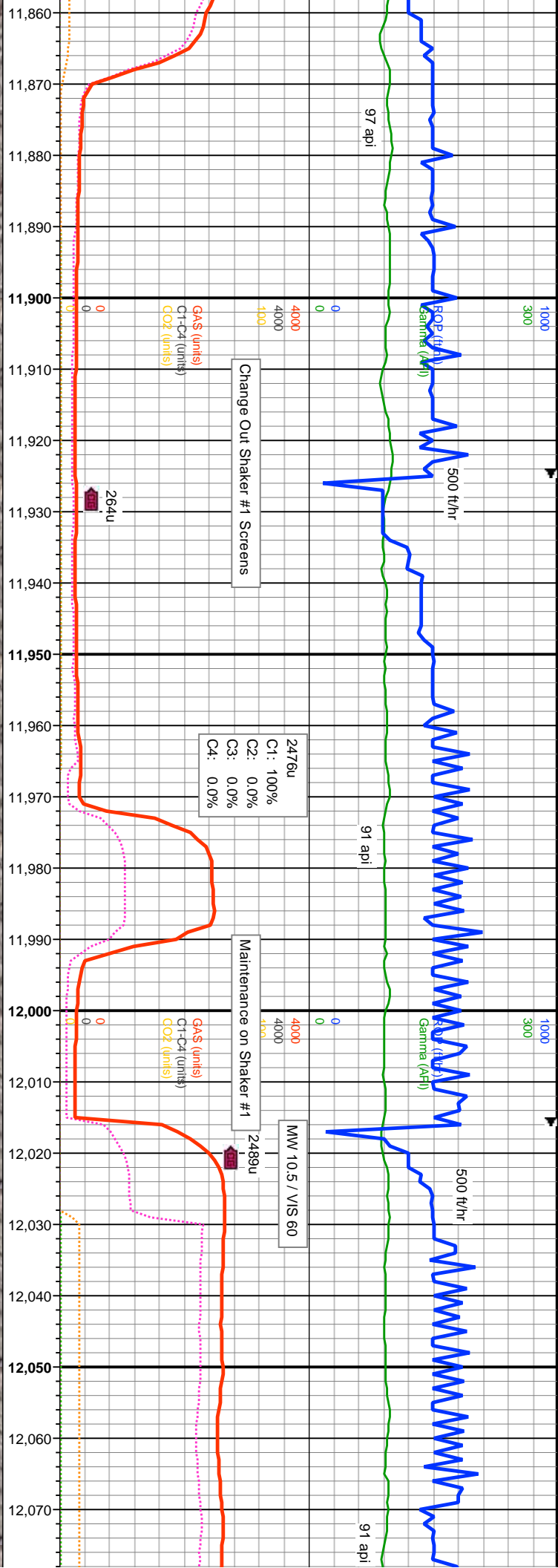








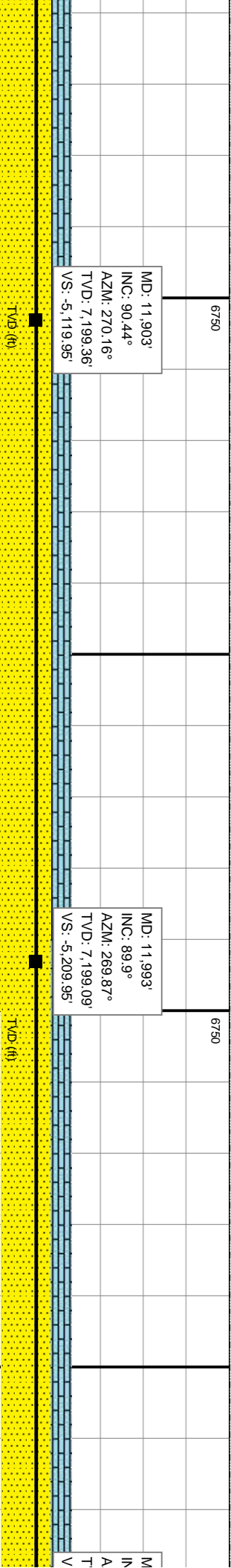




MD: 11,903'  
INC: 90.44°  
AZM: 270.16°  
TVD: 7,199.36'  
VS: -5,119.95'

MD: 11,993'  
INC: 89.9°  
AZM: 269.87°  
TVD: 7,199.09'  
VS: -5,209.95'

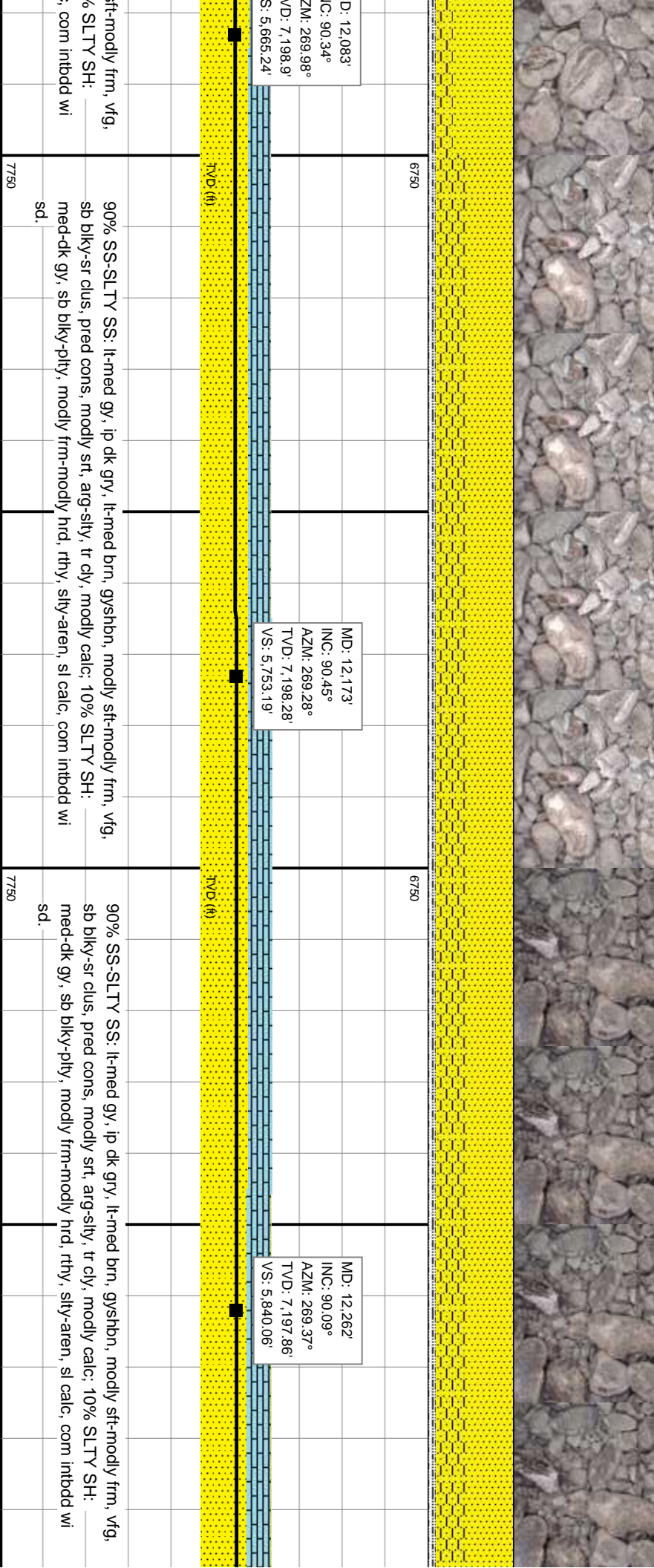
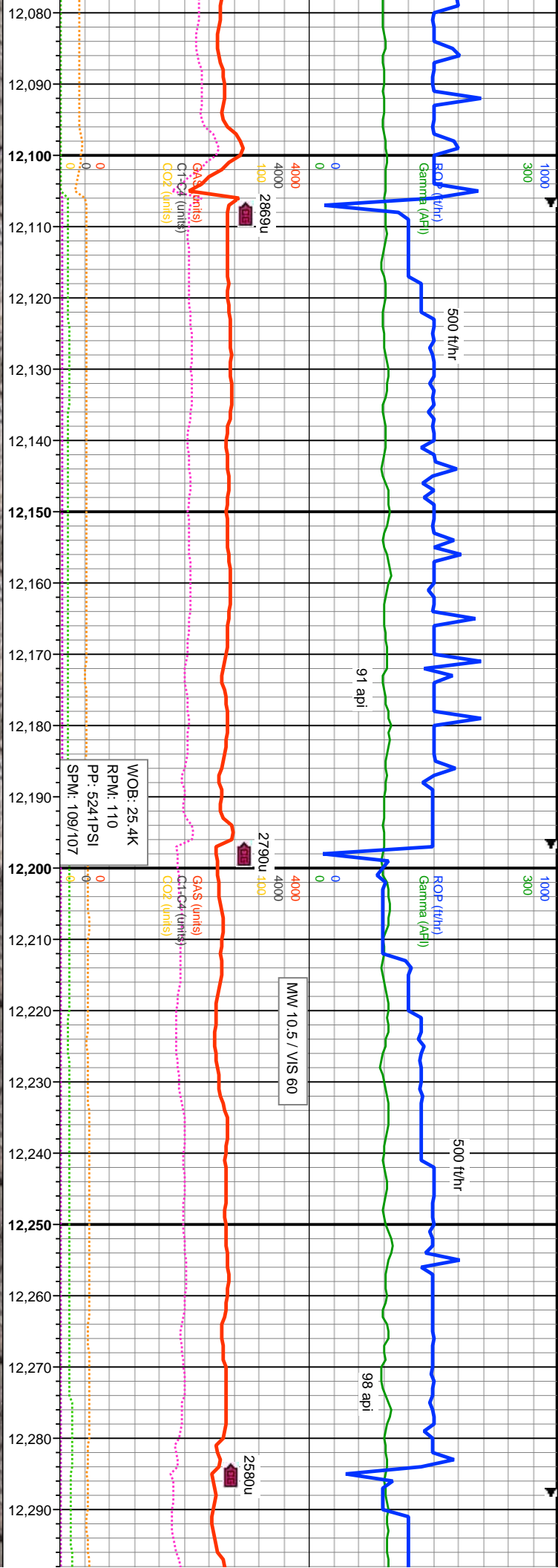
M  
IN  
T  
A  
V



gysghn, modly sft-modly frm, vfg,  
modly calc; 5% SLTY SH:  
sily-aren, sl calc, com intbdd wi  
sd.

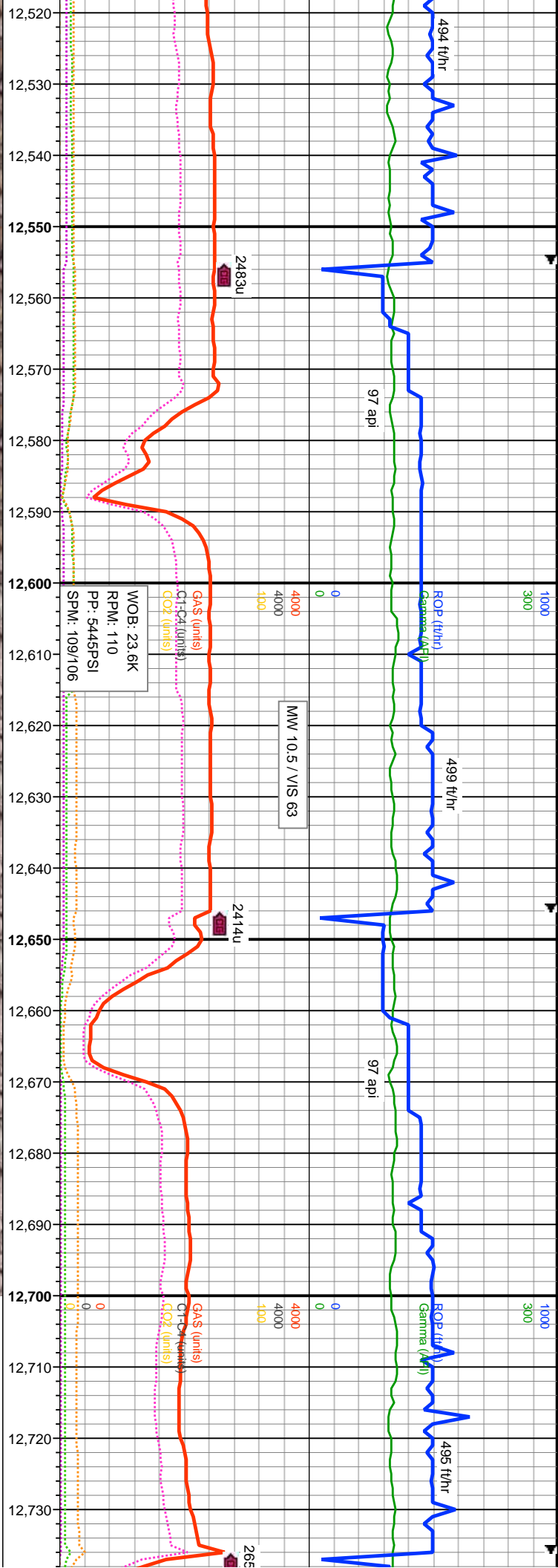
95% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysghn, modly sft-modly frm, vfg,  
sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc; 5% SLTY SH:  
med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi  
sd.

90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysghn, modly sft-modly frm, vfg,  
sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc; 10%  
med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi  
sd.





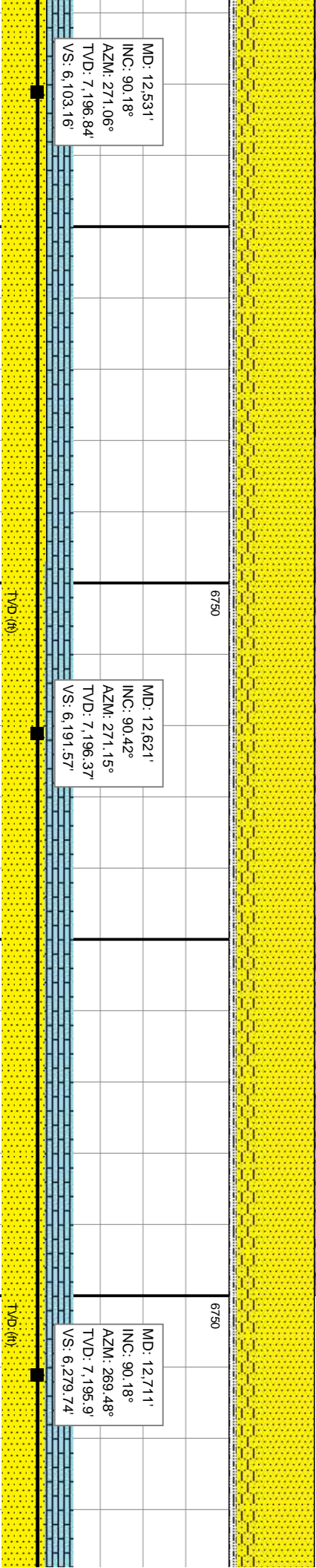




MD: 12,531'  
INC: 90.18°  
AZM: 271.06°  
TVD: 7,196.84'  
VS: 6,103.16'

MD: 12,621'  
INC: 90.42°  
AZM: 271.15°  
TVD: 7,196.37'  
VS: 6,191.57'

MD: 12,711'  
INC: 90.18°  
AZM: 269.48°  
TVD: 7,195.9'  
VS: 6,279.74'

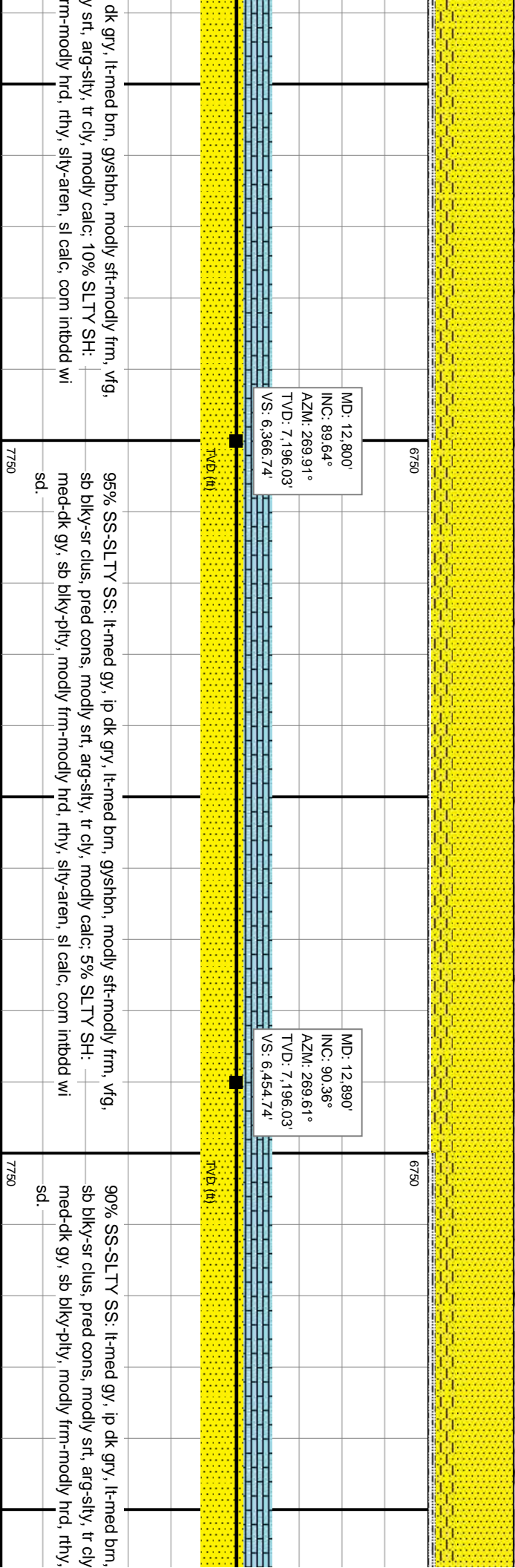
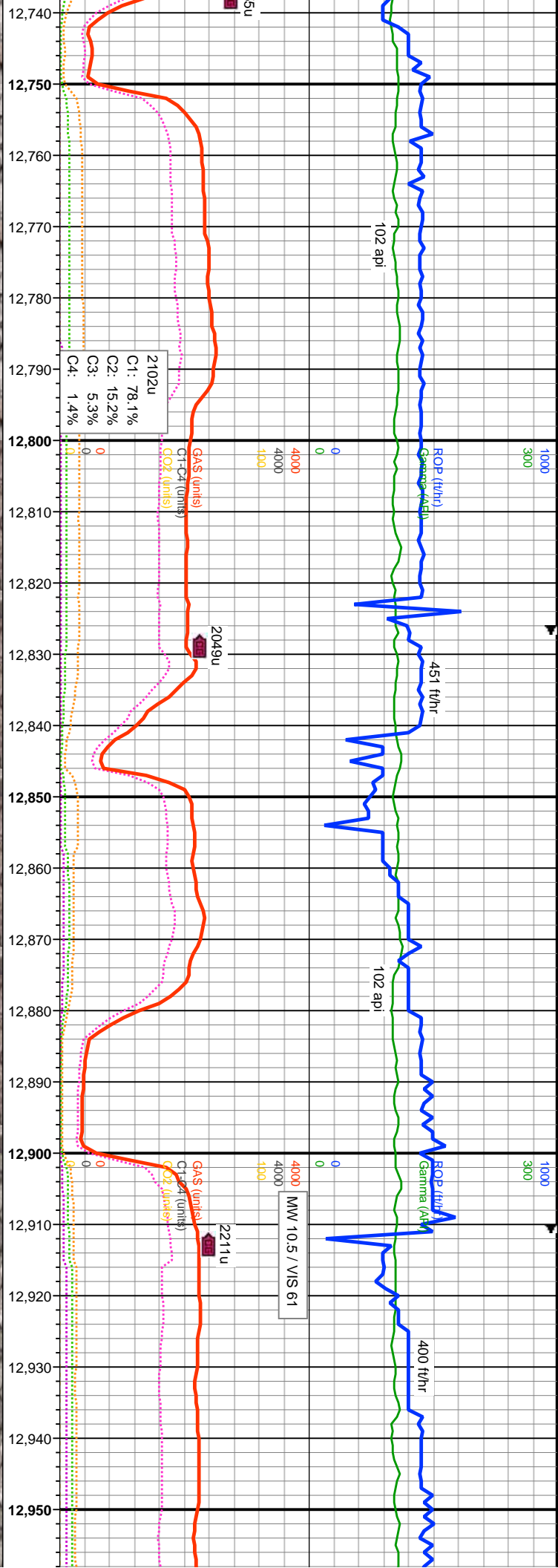


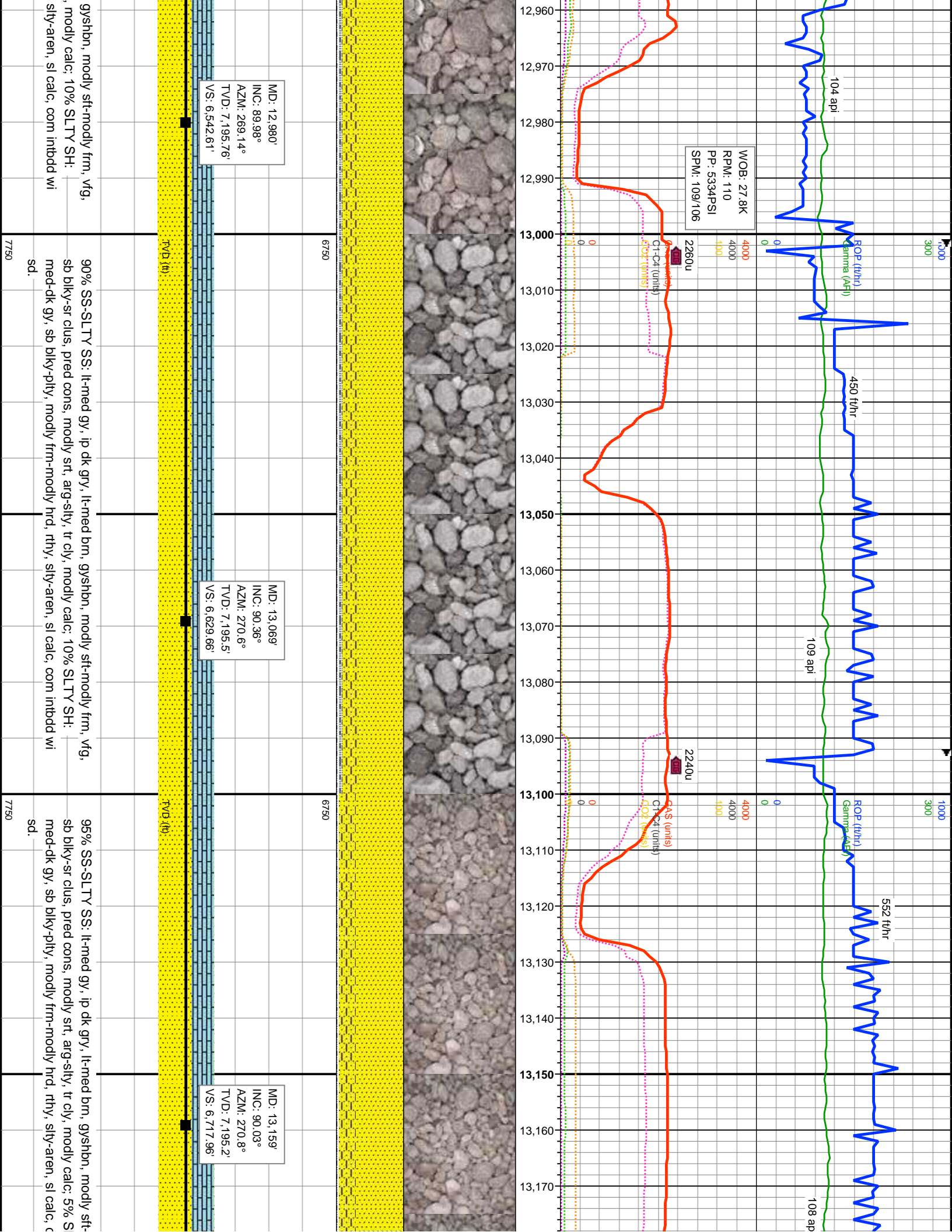
TY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg,  
us, pred cons, modly srt, arg-sily, tr cly, modly calc; 10% SLTY SH:  
sb blkly-plty, modly frm-modly hrd, rthy, silty-aren, sl calc, com intbdd wi  
sd.

90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg,  
sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc; 10% SLTY SH:  
med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, silty-aren, sl calc, com intbdd wi  
sd.

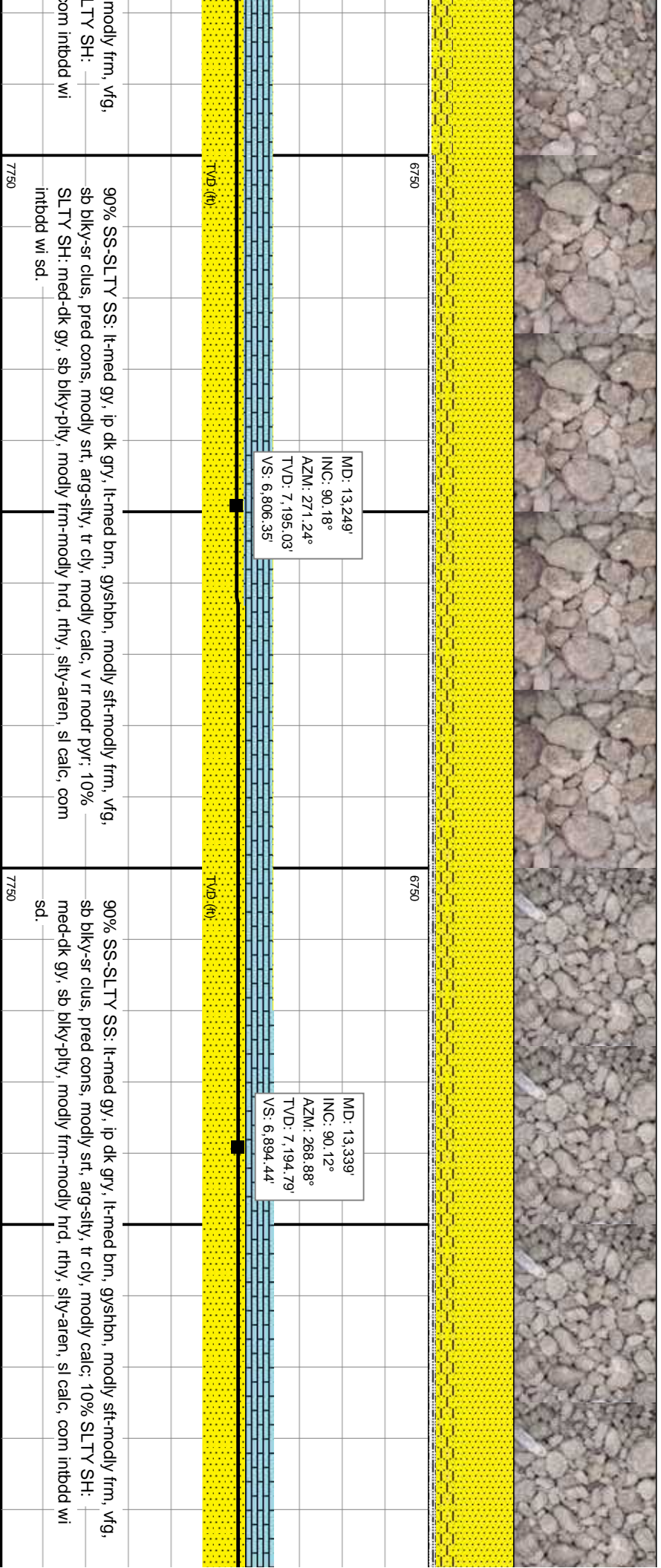
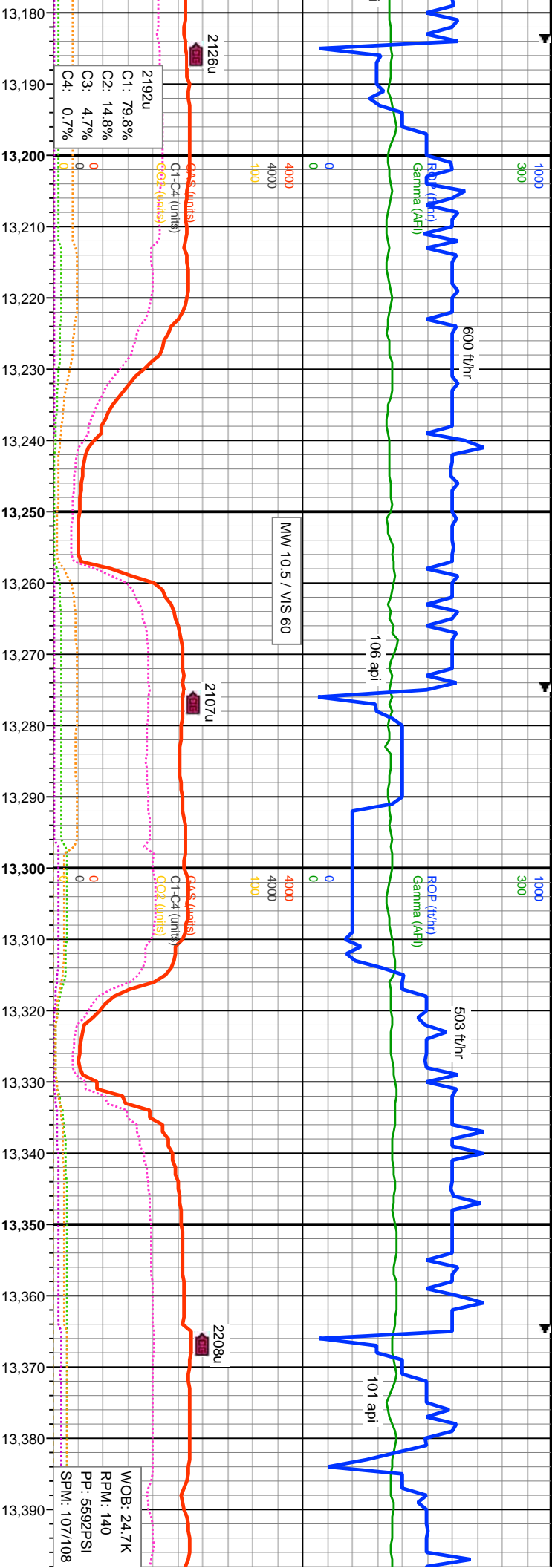
90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg,  
sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc; 10% SLTY SH:  
med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, silty-aren, sl calc, com intbdd wi  
sd.

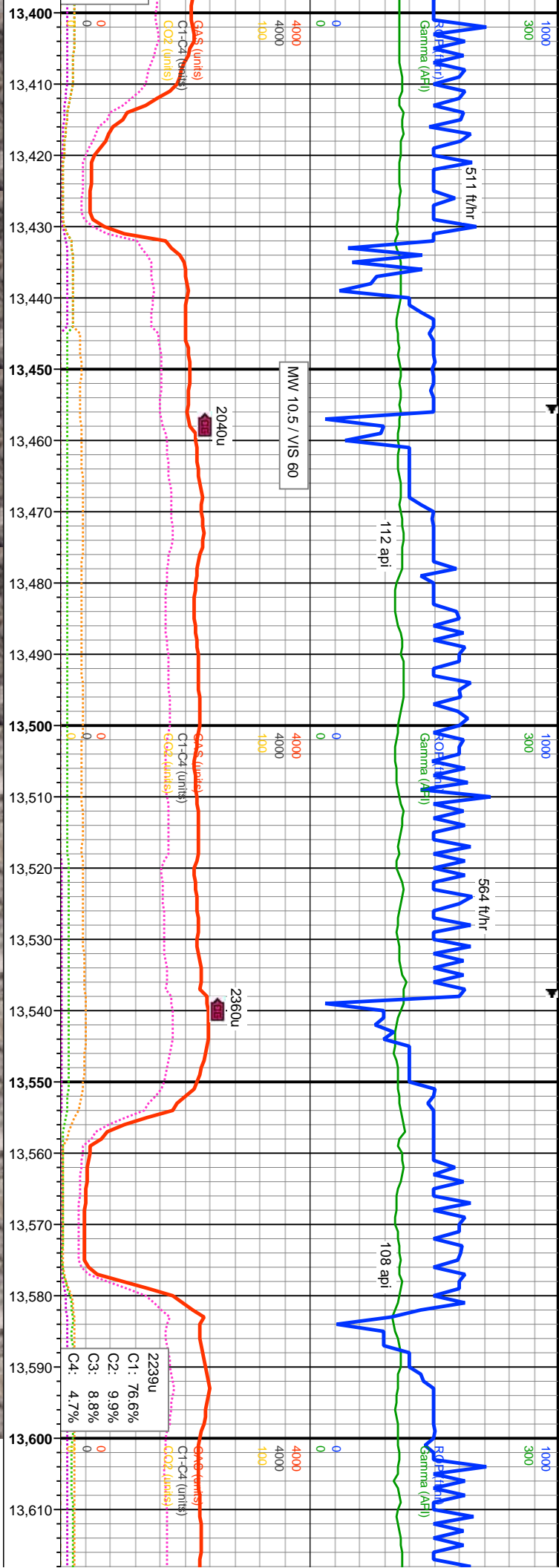












MD: 13.428'  
INC: 90.17°  
AZM: 270.14°  
TVD: 7.194.56'  
VS: 6.981.37'

MD: 13.518'  
INC: 90.24°  
AZM: 270.36°  
TVD: 7.194.24'  
VS: 7.069.52'

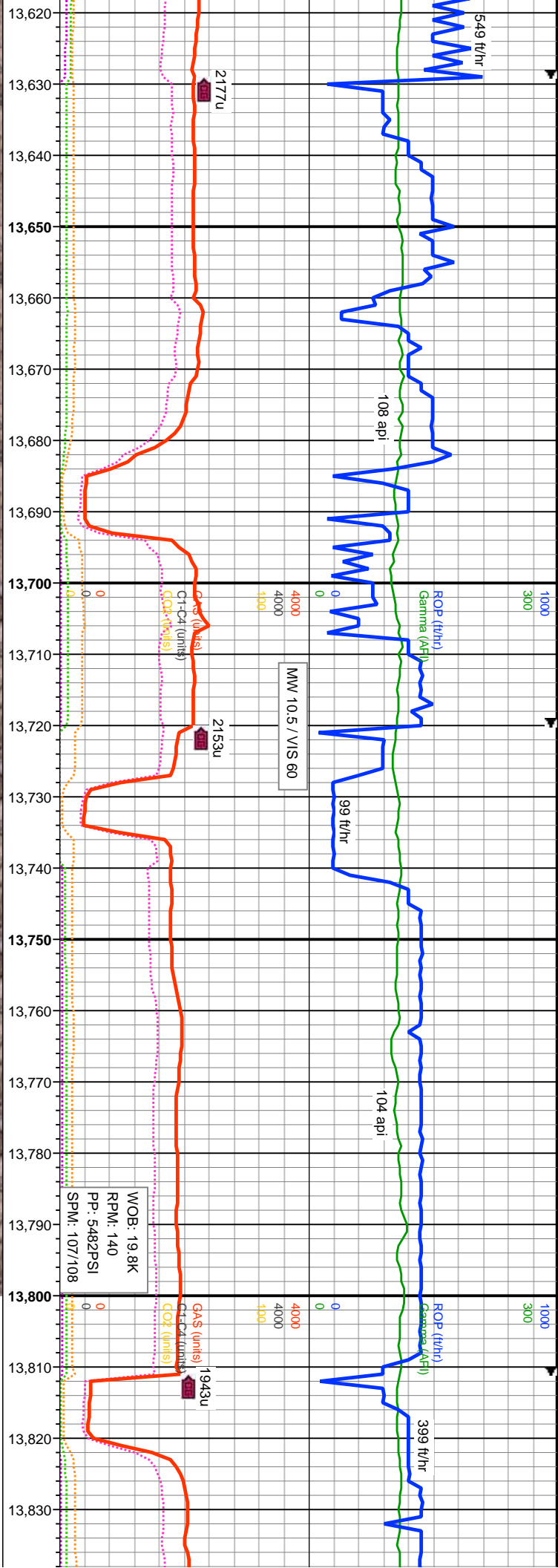
MD: 13.608'  
INC: 90.46°  
AZM: 269.87°  
TVD: 7.193.7'  
VS: 7.157.64'

90% SS-SLTY SS: It-med gy, ip dk gry, It-med brn, gysbhn, modly sft-modly frm, vfg, sb biky-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc; 10% SLTY SH: med-dk gy, sb biky-plty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.

90% SS-SLTY SS: It-med gy, ip dk gry, It-med brn, gysbhn, modly sft-modly frm, vfg, sb biky-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, v rr dssm pyr; 10% SLTY SH: med-dk gy, sb biky-plty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.

85% SS-SLTY SS: It-med gy, ip dk gry, It-med brn, gysbhn, modly sft-modly frm, vfg, sb biky-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, v rr dssm pyr; 10% SLTY SH: med-dk gy, sb biky-plty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.





MD: 13,697  
INC: 90.2°  
AZM: 269.77°  
TVD: 7,193.19'  
VS: 7,244.67'

MD: 13,787  
INC: 89.9°  
AZM: 268.25°  
TVD: 7,193.11'  
VS: 7,332.41'

TVD (ft)

TVD (ft)

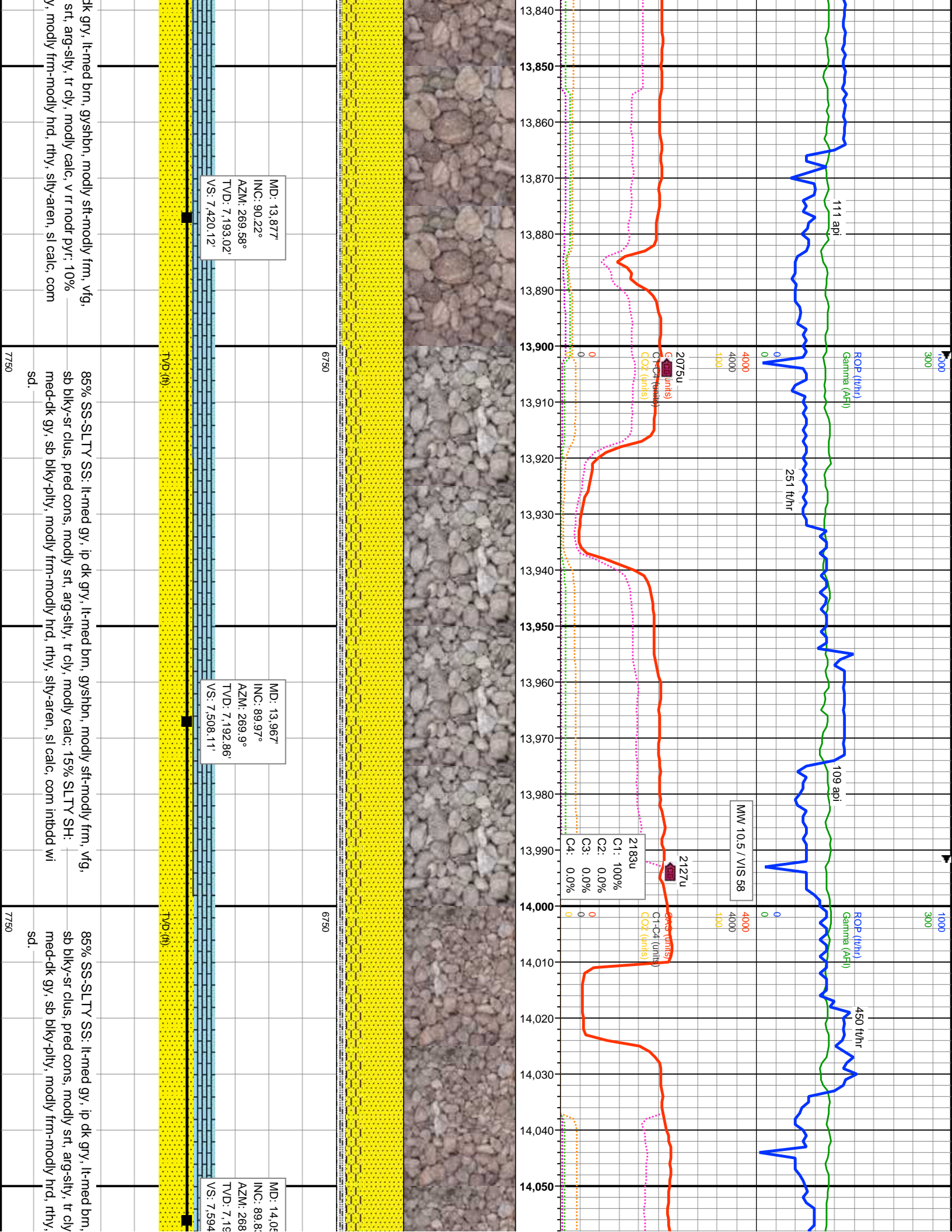
Y SS: lt-med gy, ip dk gry, lt-med brn, gysbn, modly sft-modly frm, vfg, s, pred cons, modly srt, arg-sily, tr cly, modly calc, v r r cal: 15% SLTY gy, sb blkly-ply, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd

90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc: 10% SLTY SH: med-dk gy, sb blkly-ply, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.

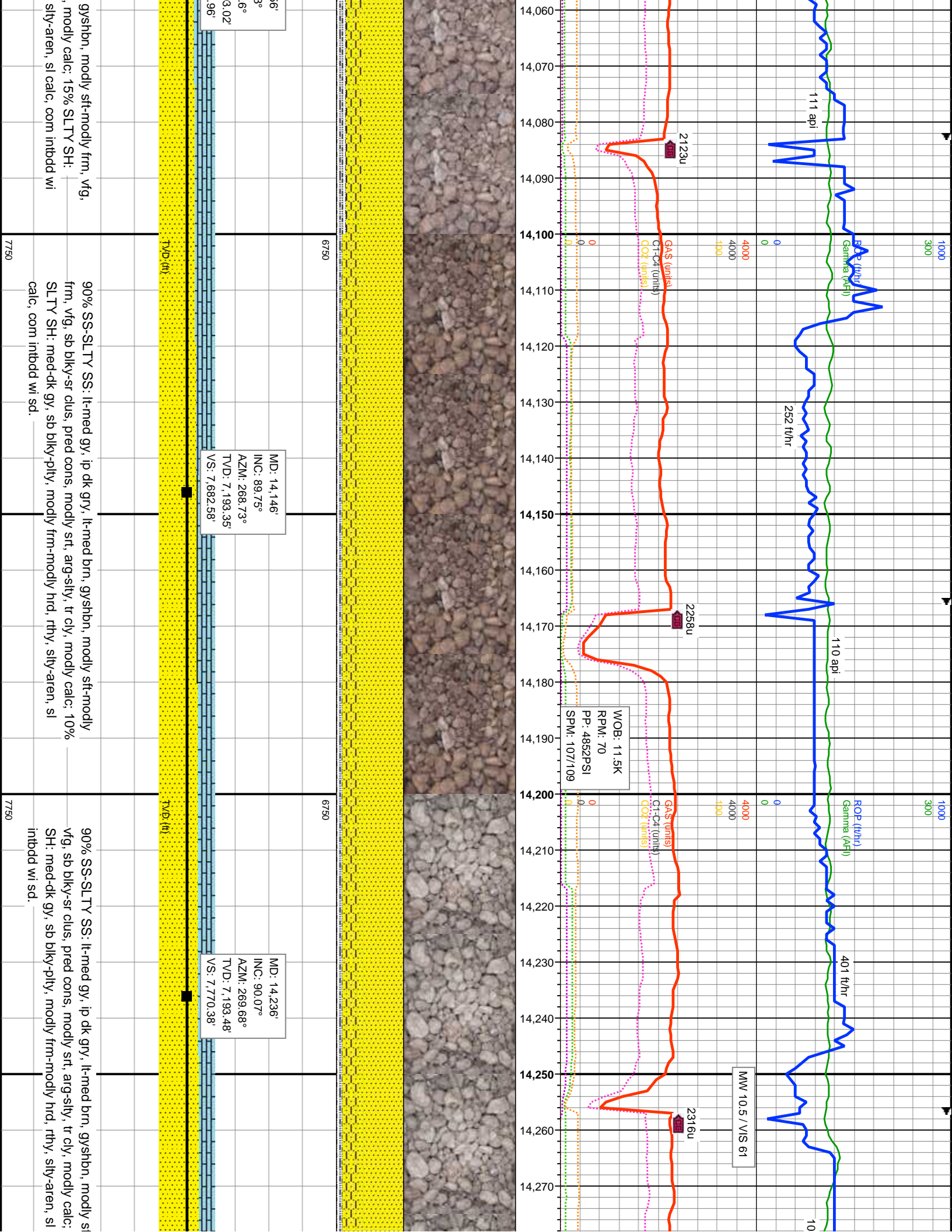
90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc: 10% SLTY SH: med-dk gy, sb blkly-ply, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.

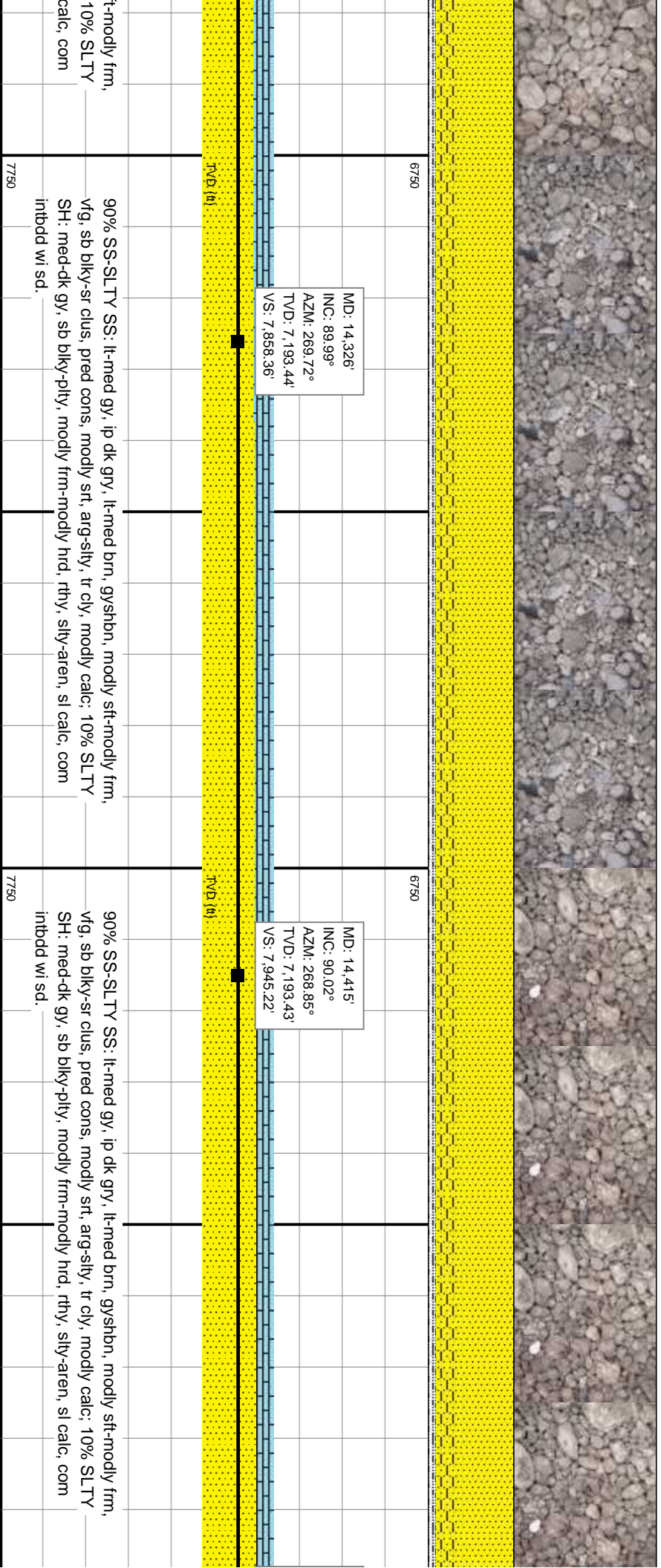
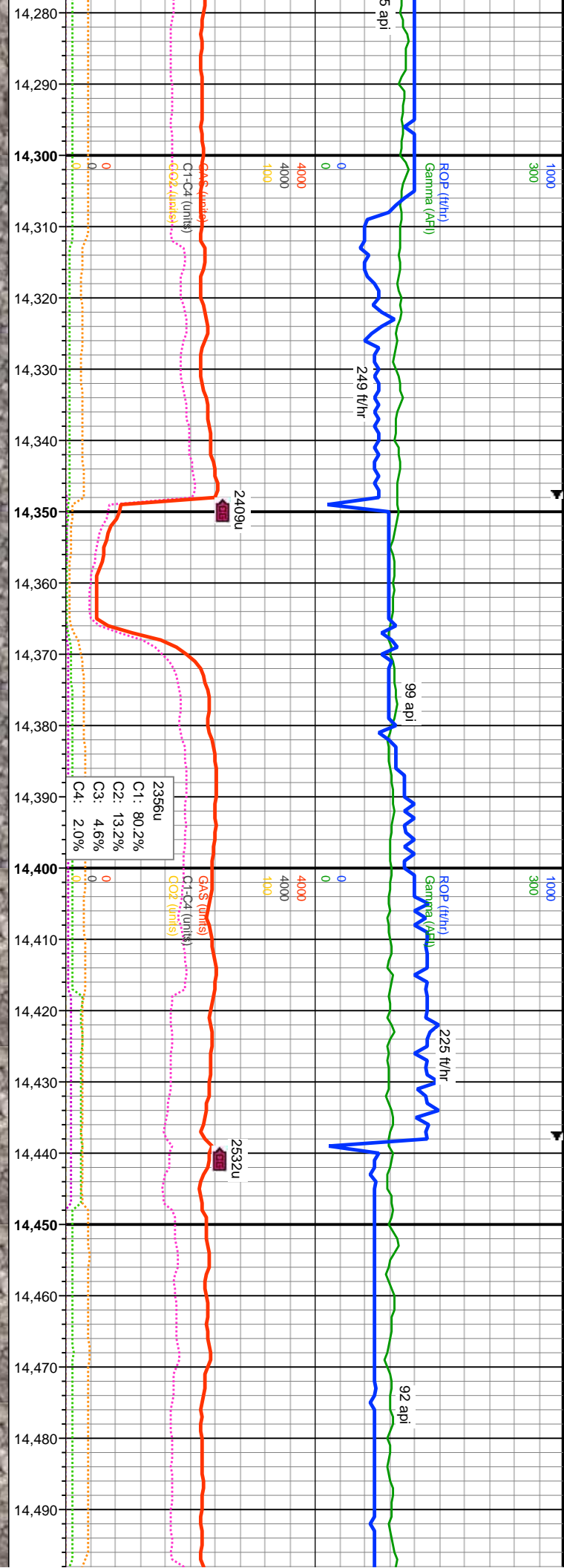
7750

7750



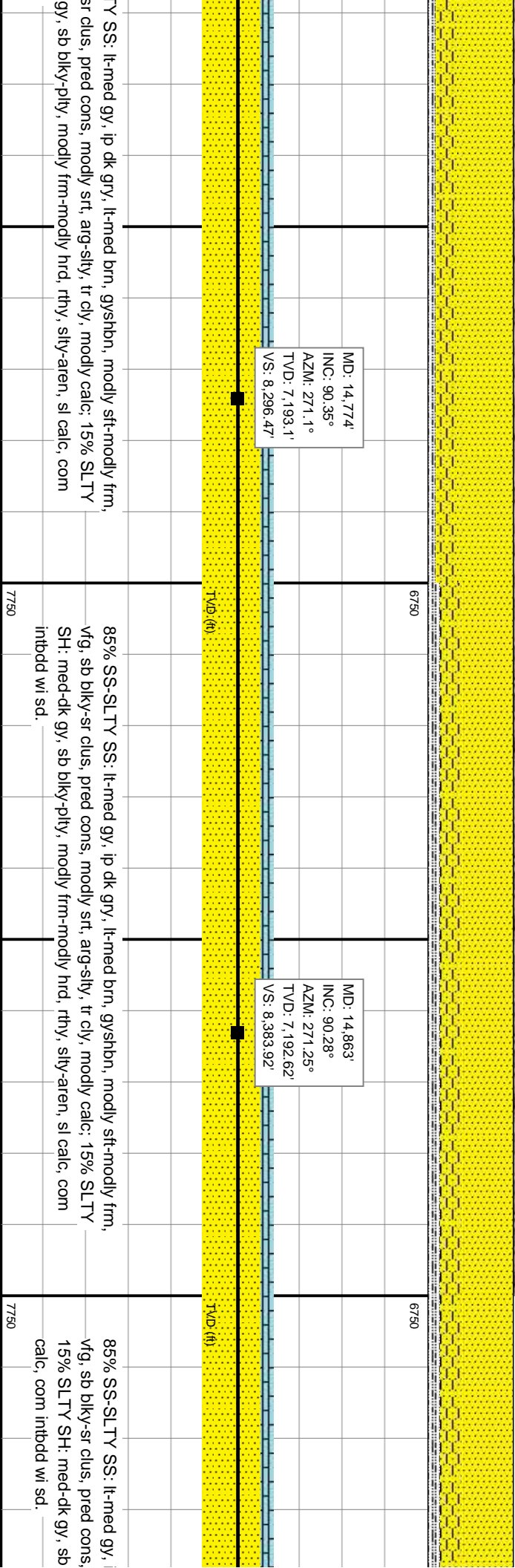
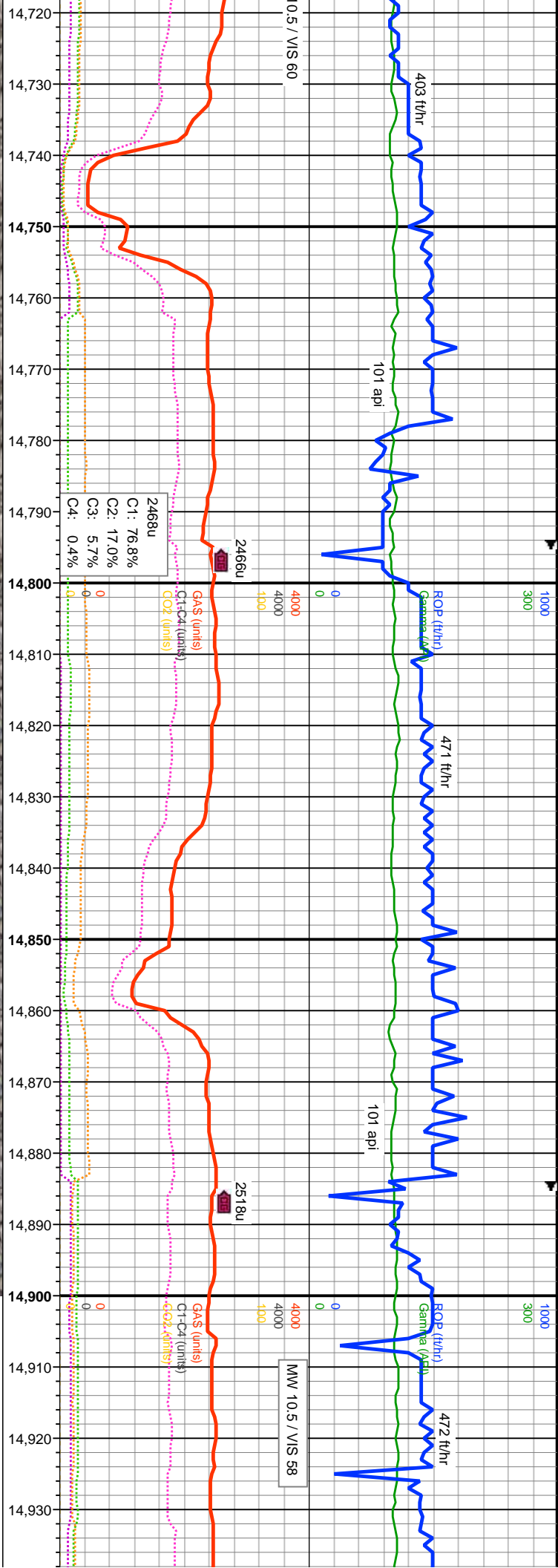




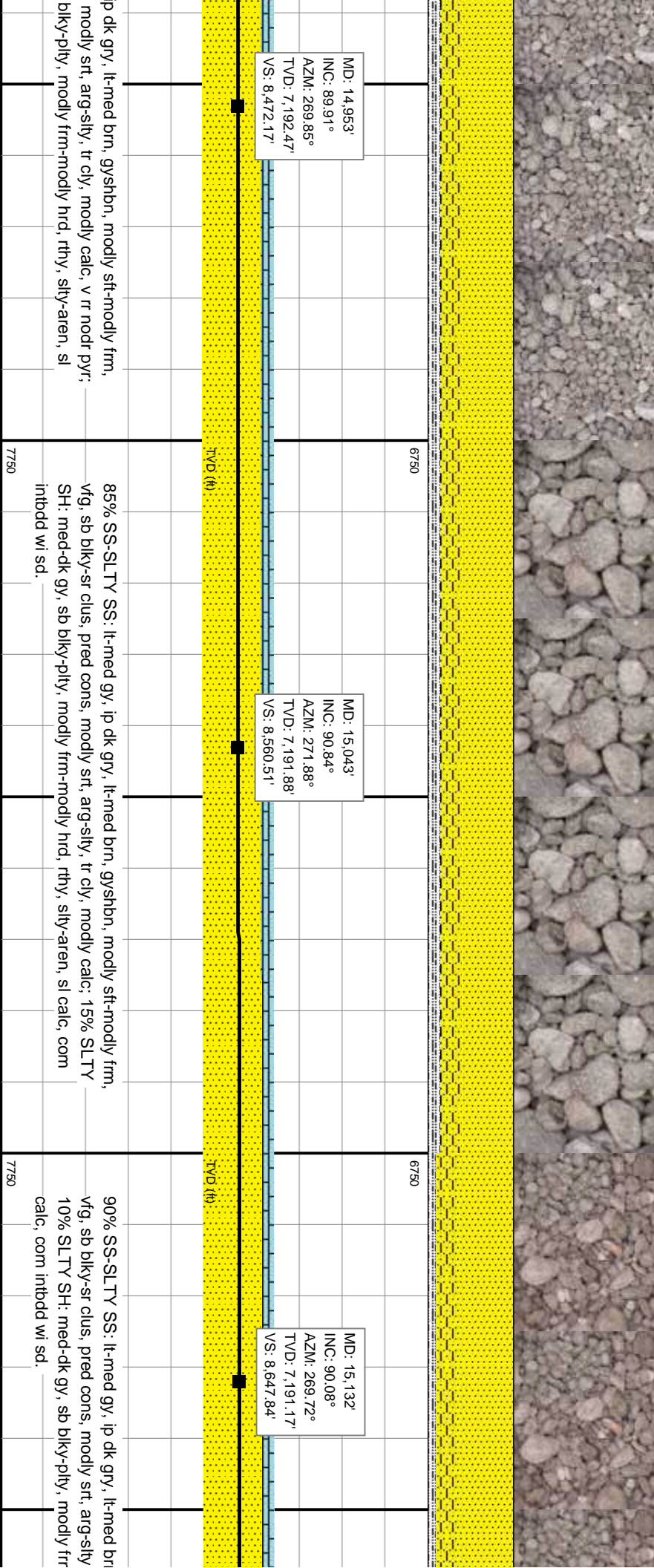
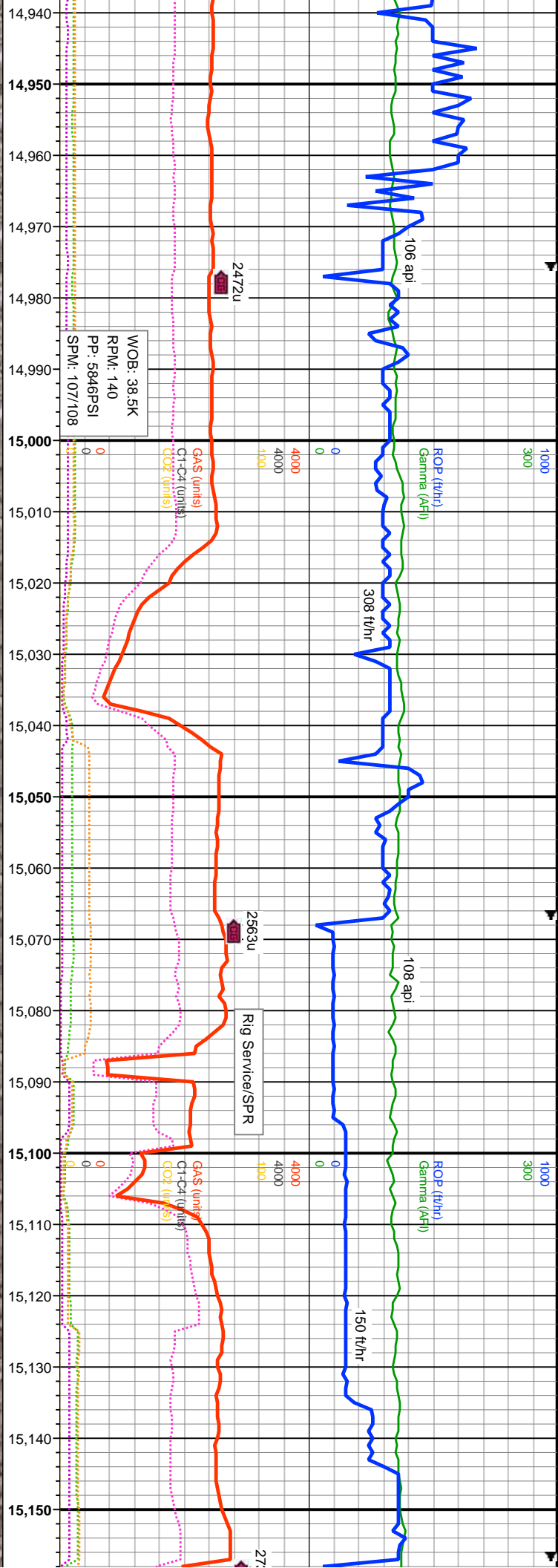


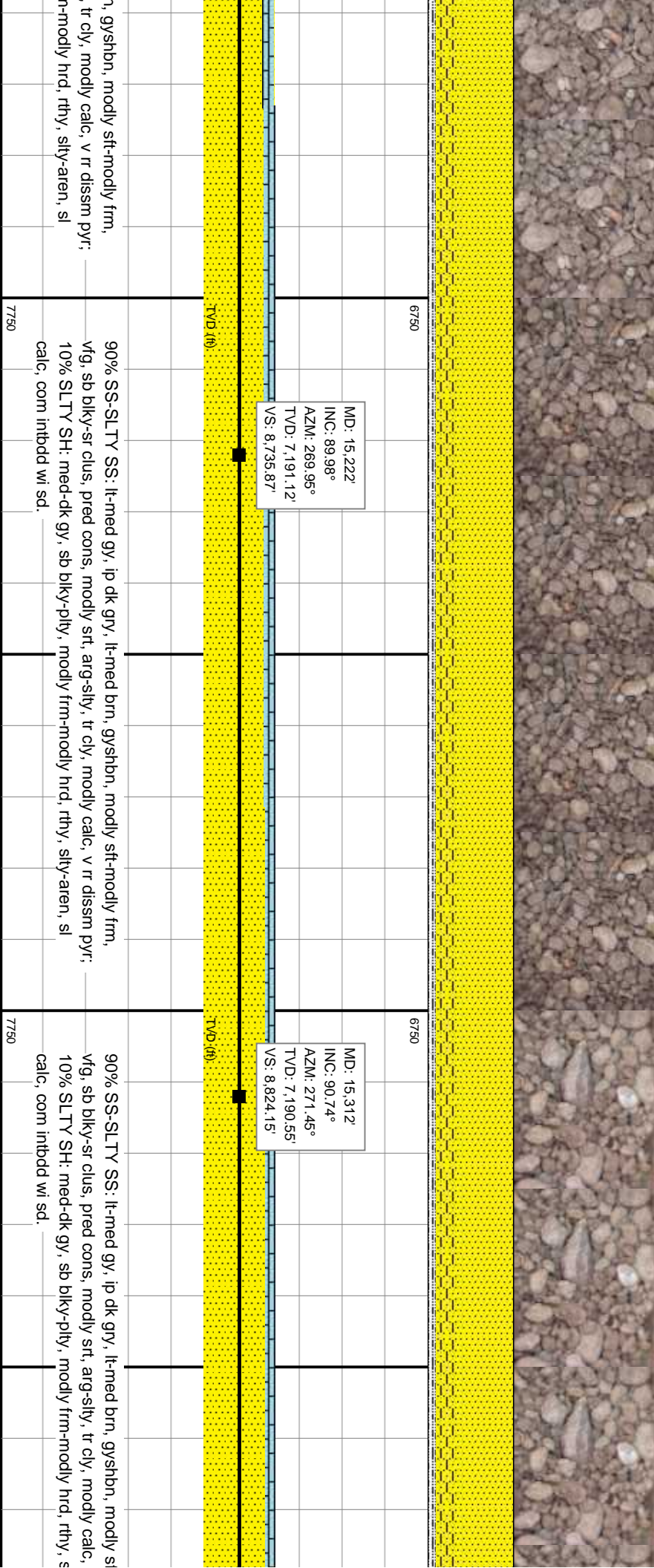
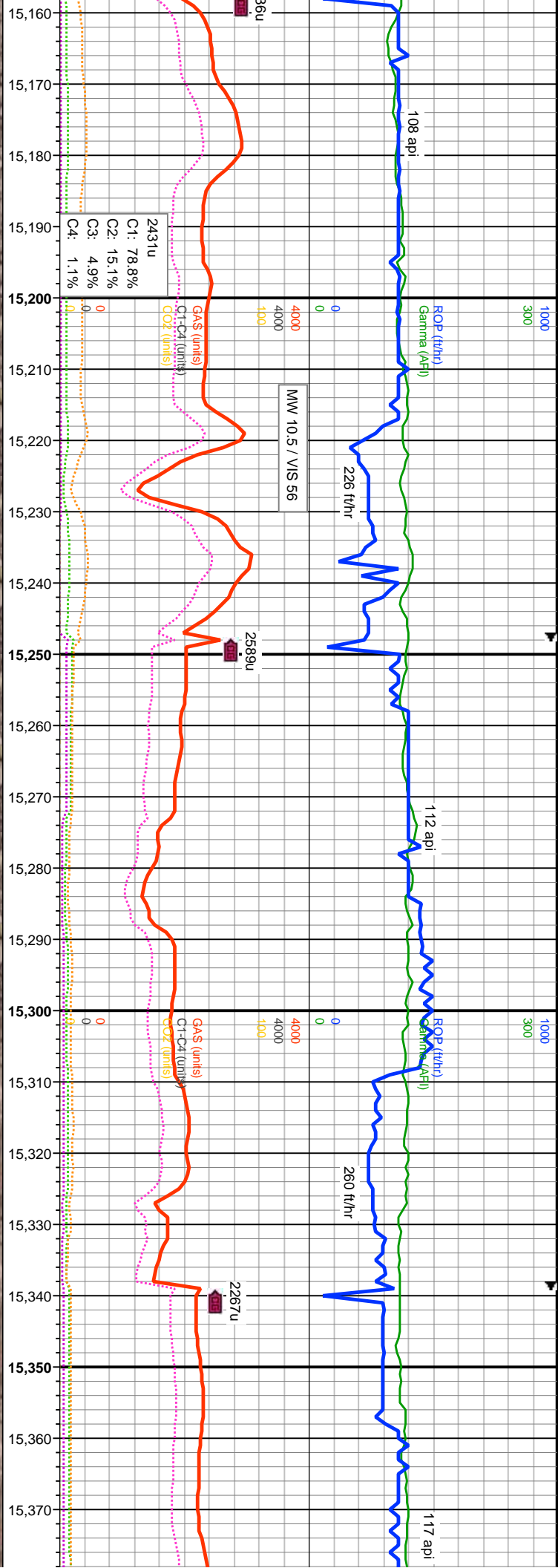




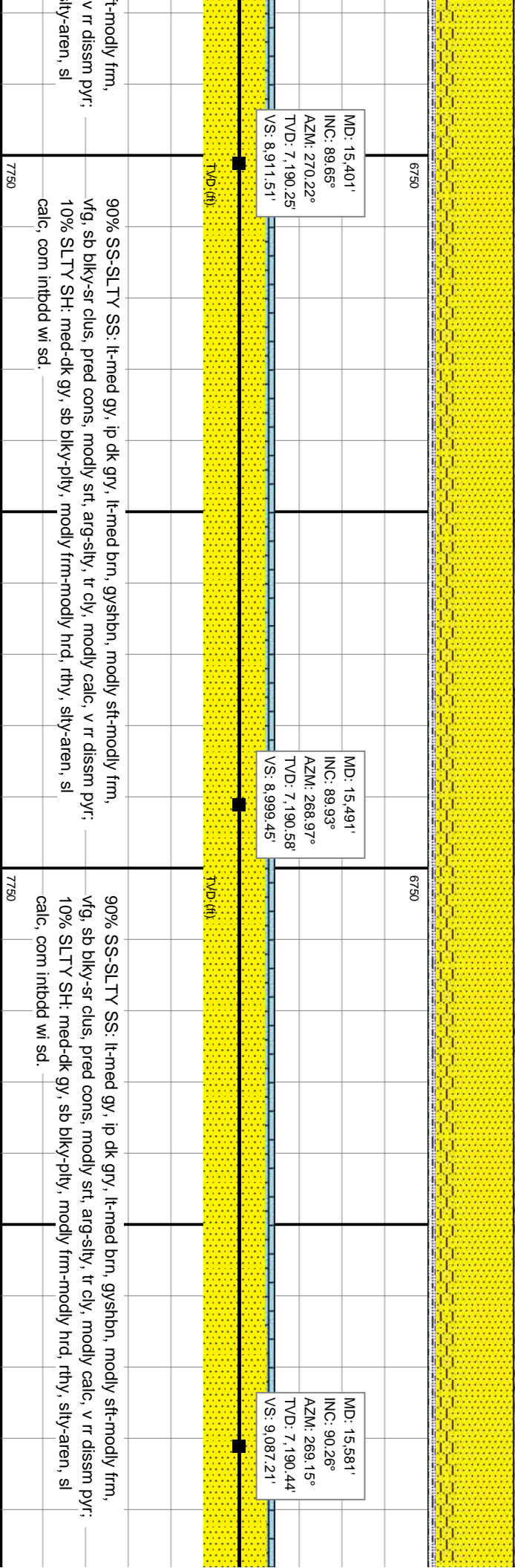
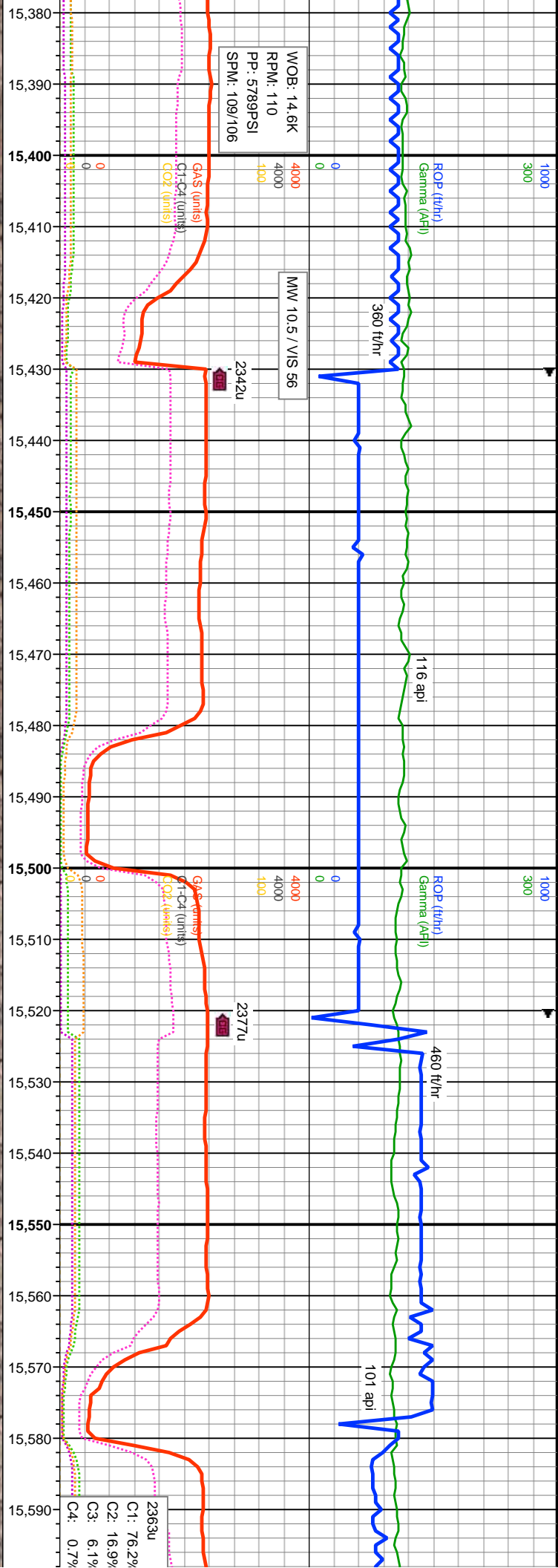


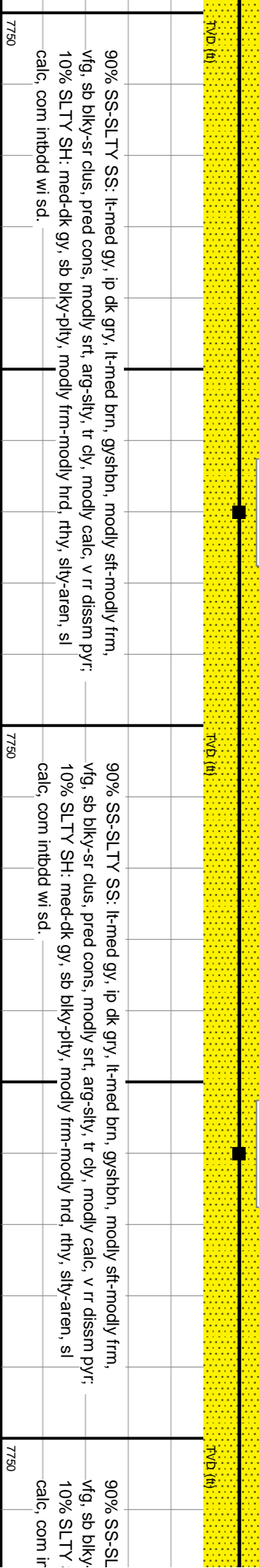
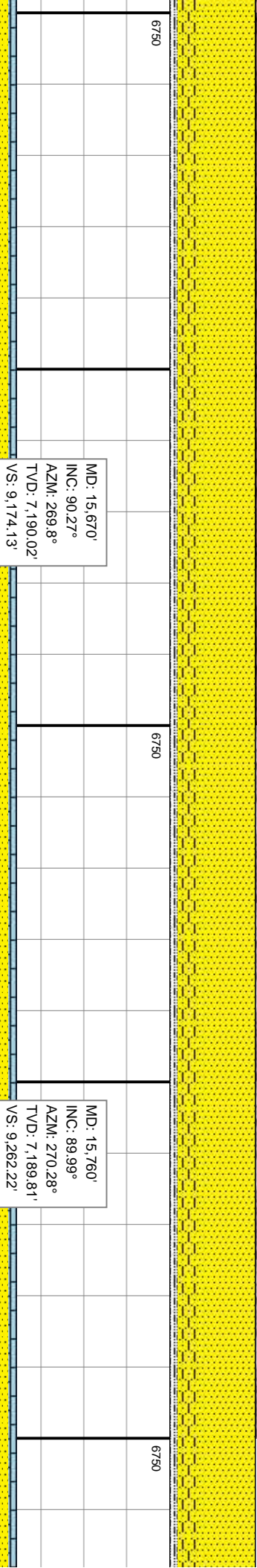
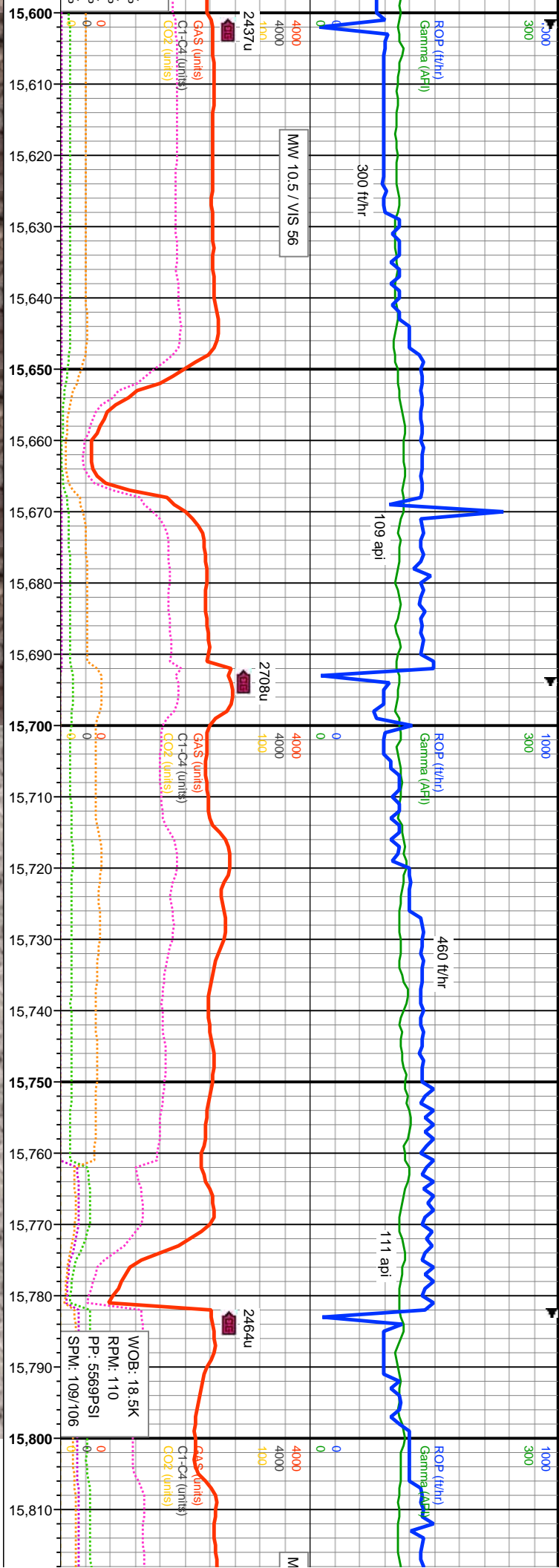




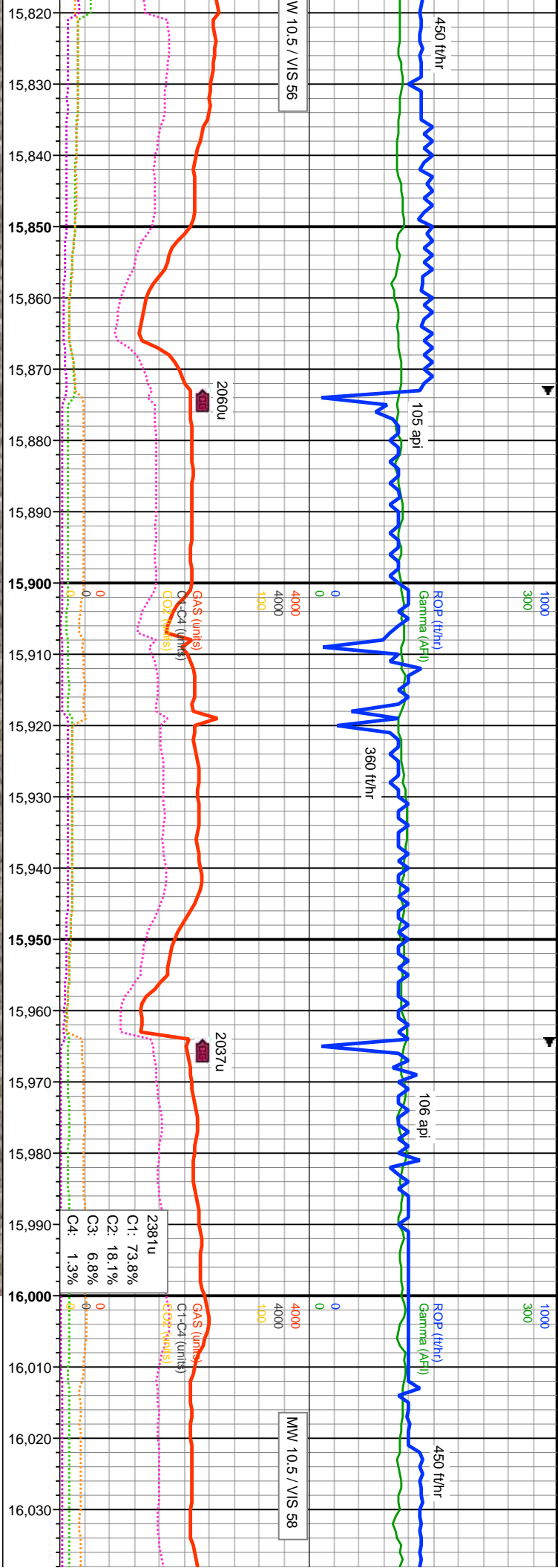












MD: 15,850'  
INC: 90.23°  
AZM: 270.55°  
TVD: 7,189.64'  
VS: 9,350.42'

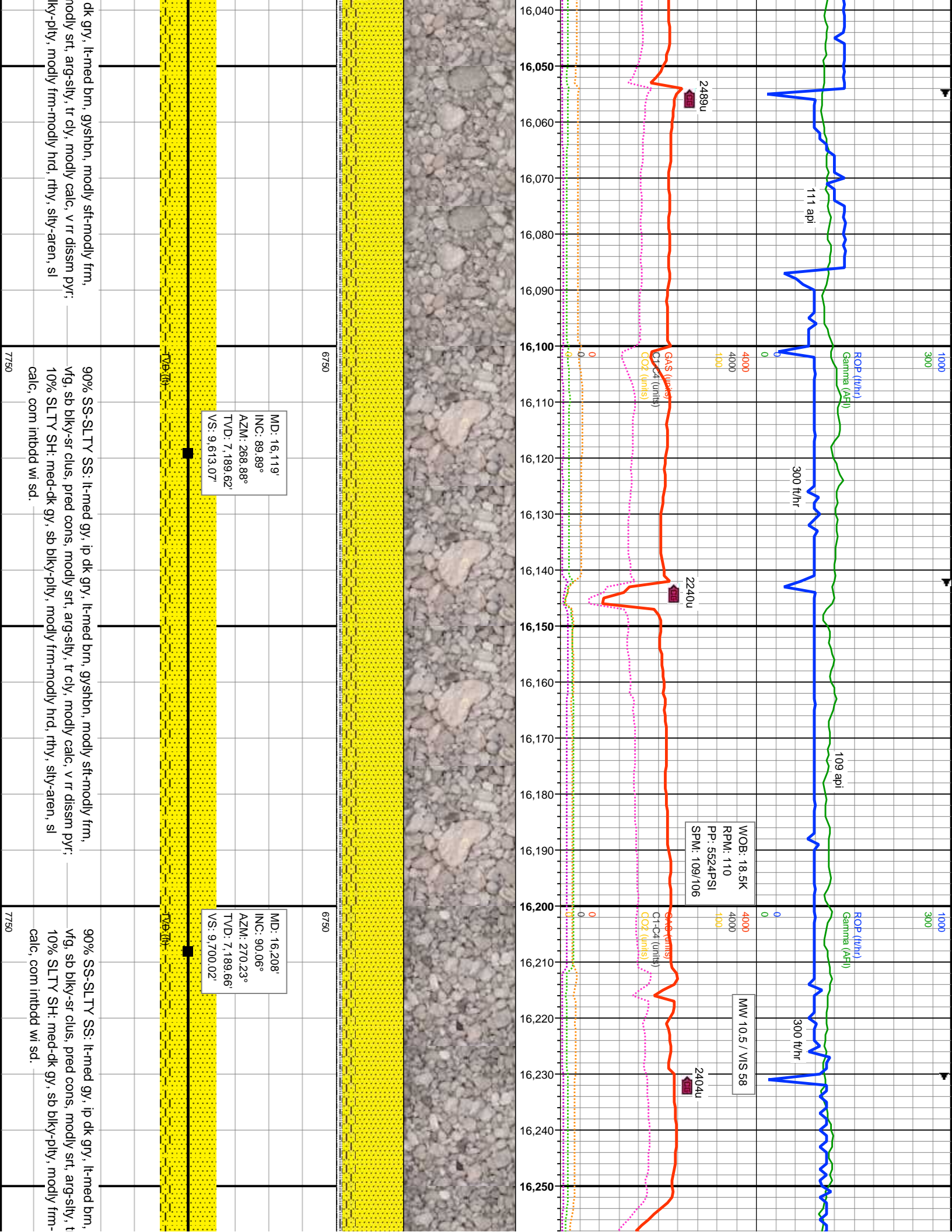
MD: 15,939'  
INC: 89.84°  
AZM: 268.6°  
TVD: 7,189.58'  
VS: 9,437.38'

MD: 16,029'  
INC: 90.11°  
AZM: 269.88°  
TVD: 7,189.62'  
VS: 9,525.2'

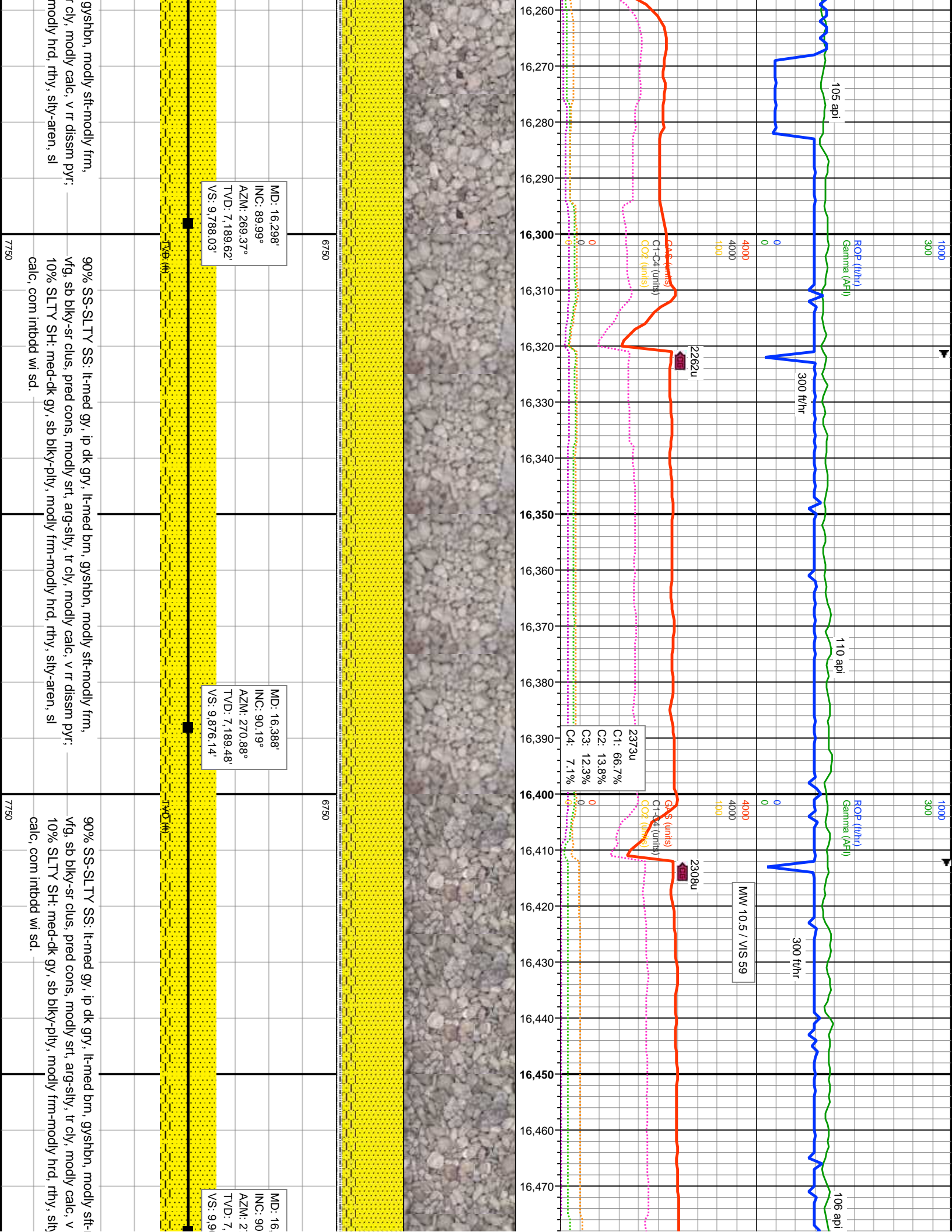
TY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, v rr dissim pyr; SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl

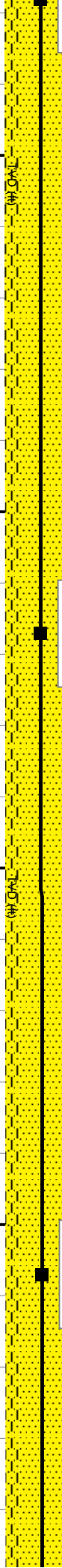
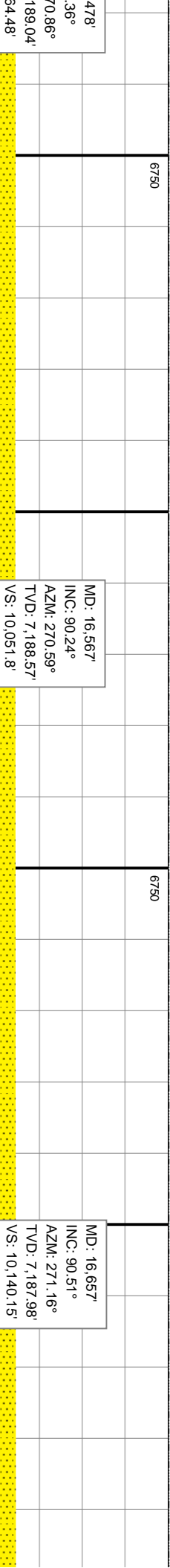
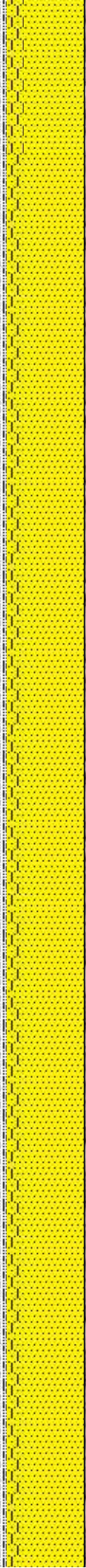
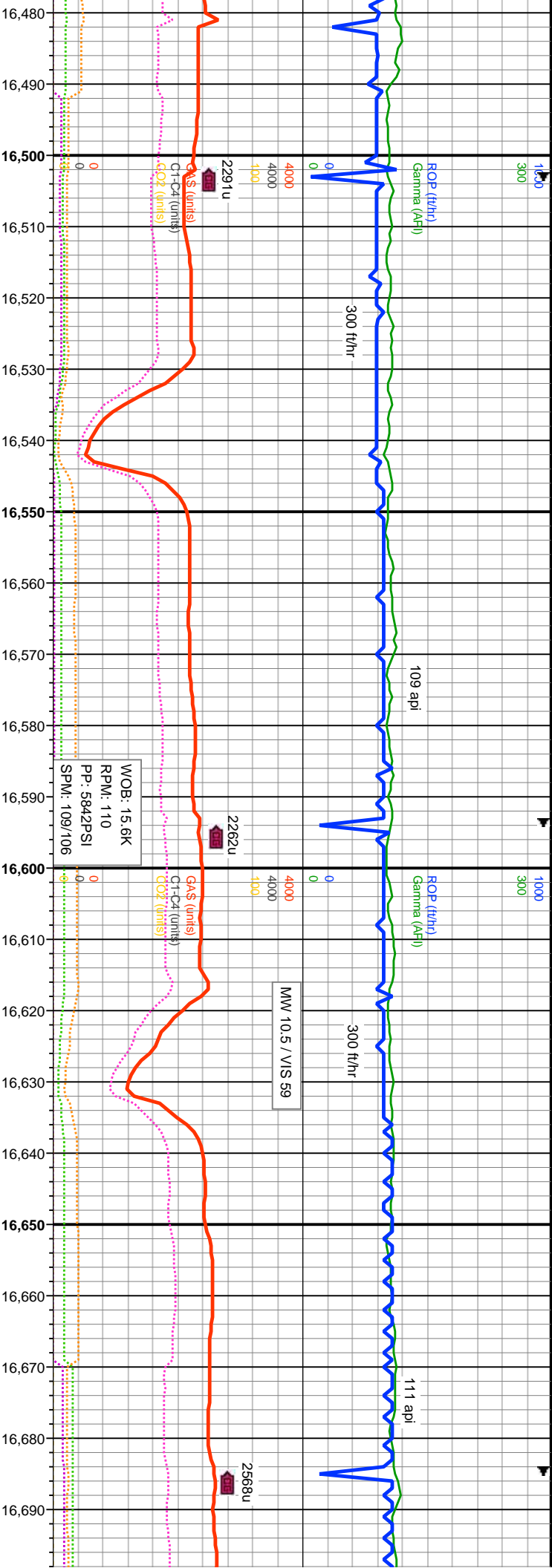
90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, v rr dissim pyr; 10% SLTY SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.

90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, v rr dissim pyr; 10% SLTY SH: med-dk gy, sb blkly-pty, modly frm-modly hrd, rthy, sily-aren, sl calc, com intbdd wi sd.



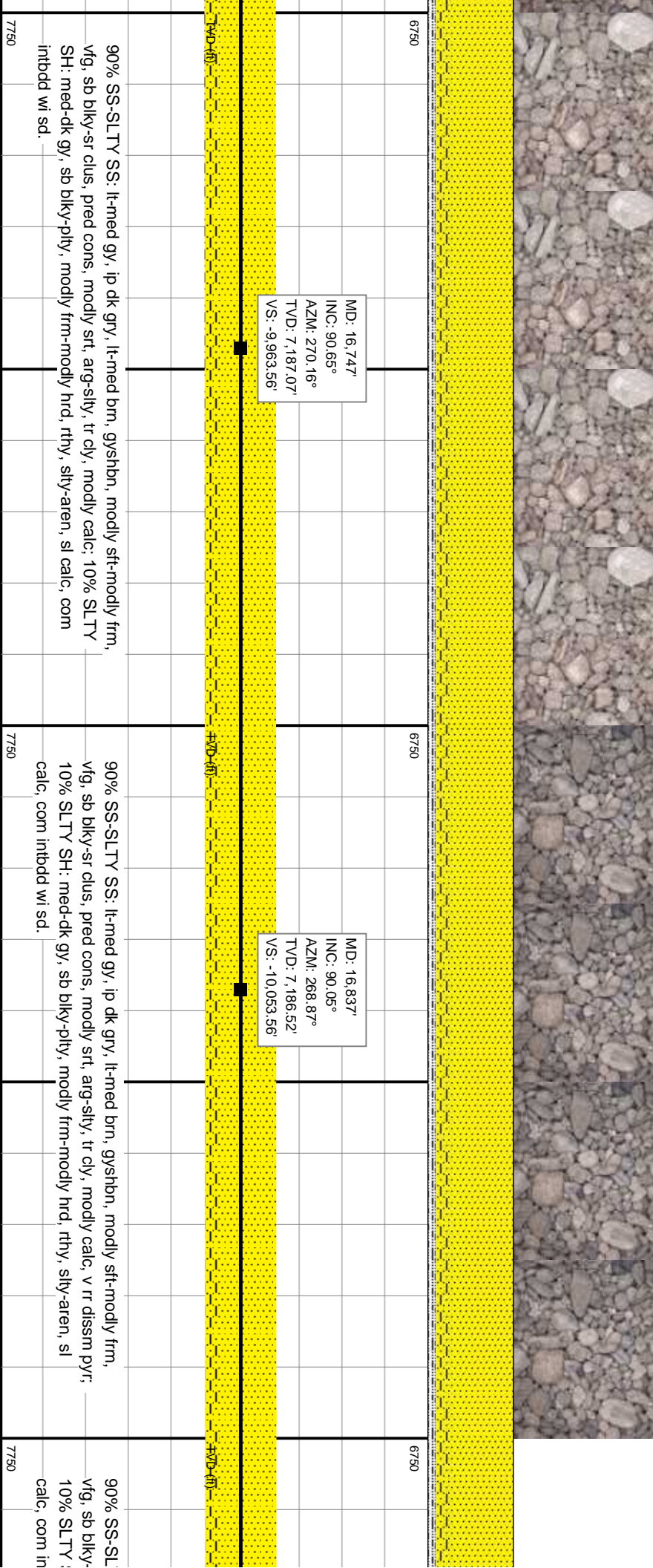
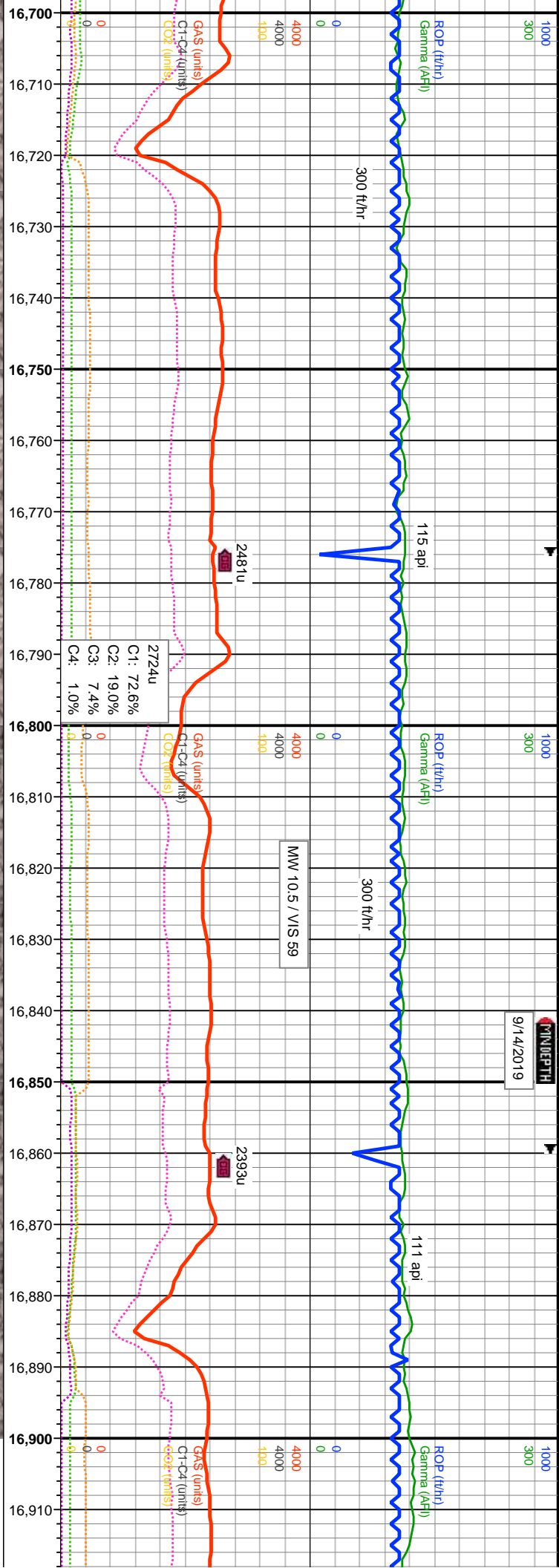


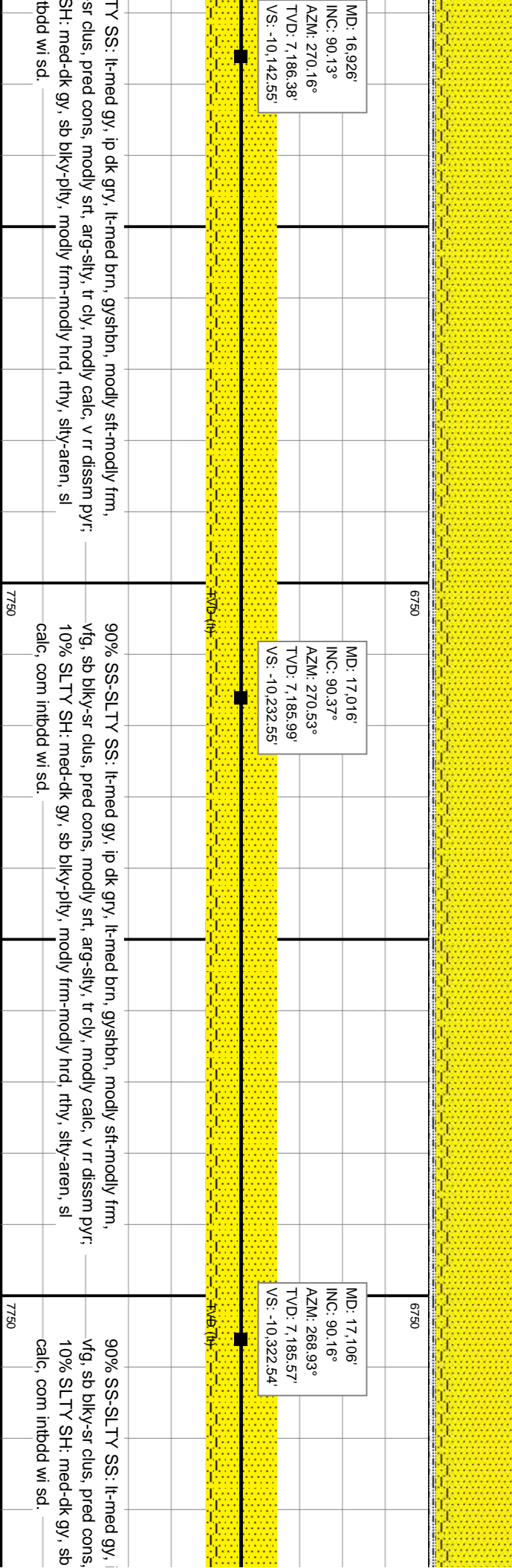
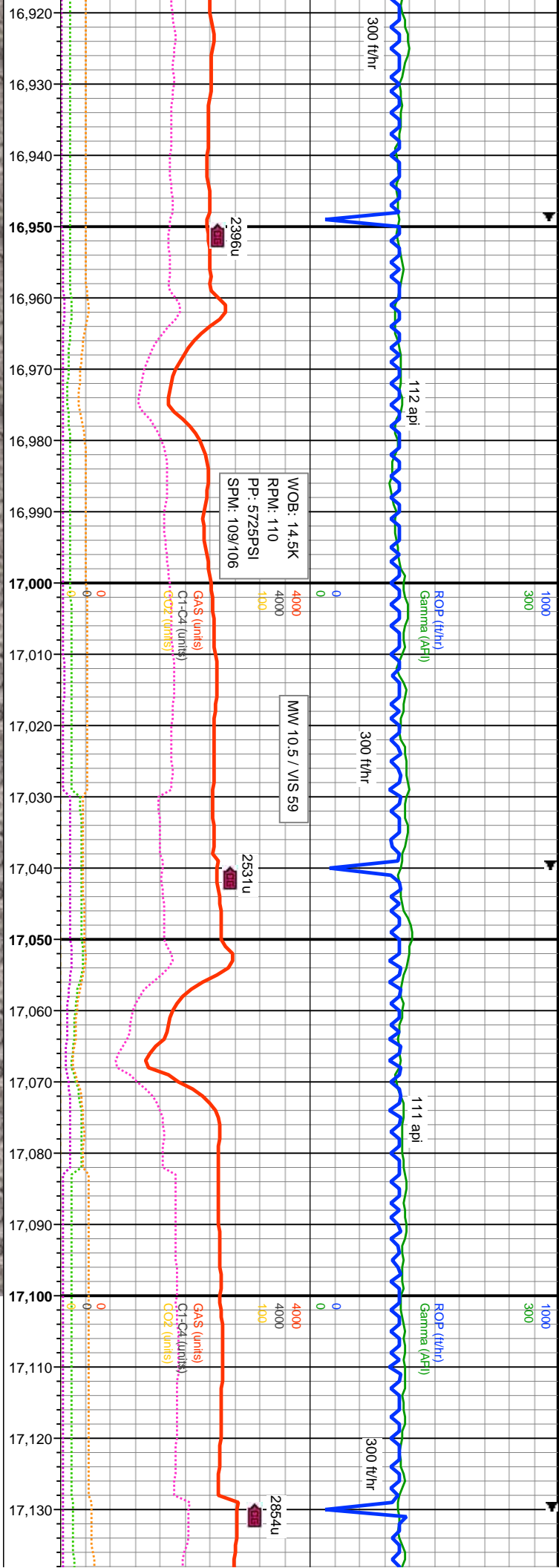




478'	MD: 16.567'	MD: 16.657'
36°	INC: 90.24°	INC: 90.51°
70.86°	AZM: 270.59°	AZM: 271.16°
189.04'	TVD: 7,188.57'	TVD: 7,187.98'
54.48'	VS: 10,051.8'	VS: 10,140.15'
6730	6730	6730
7750	7750	7750
modly frm, tr dissn pyr; -aren, sl	90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sltly, tr cly, modly calc, v rr dissn pyr; 10% SLTY SH: med-dk gy, sb blkly-pltly, modly frm-modly hrd, rthy, slty-aren, sl calc, com intbdd wi sd.	90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sltly, tr cly, modly calc, v rr dissn pyr; 10% SLTY SH: med-dk gy, sb blkly-pltly, modly frm-modly hrd, rthy, slty-aren, sl calc, com intbdd wi sd.

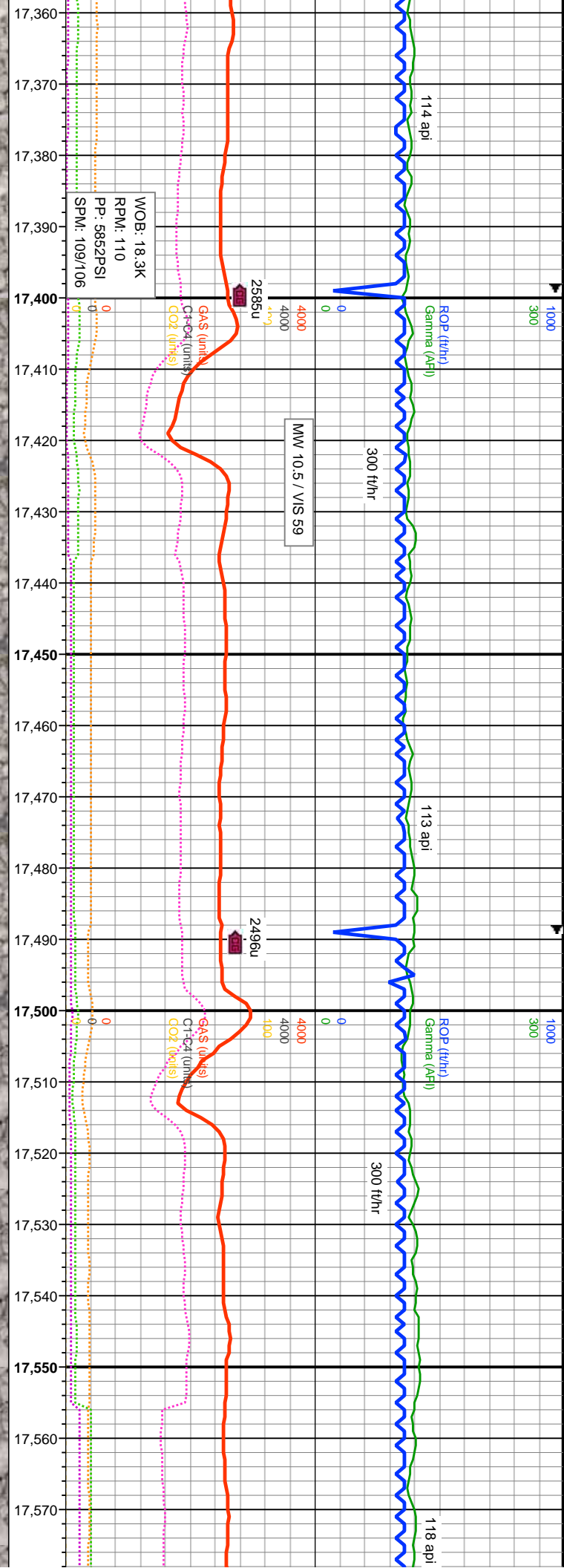








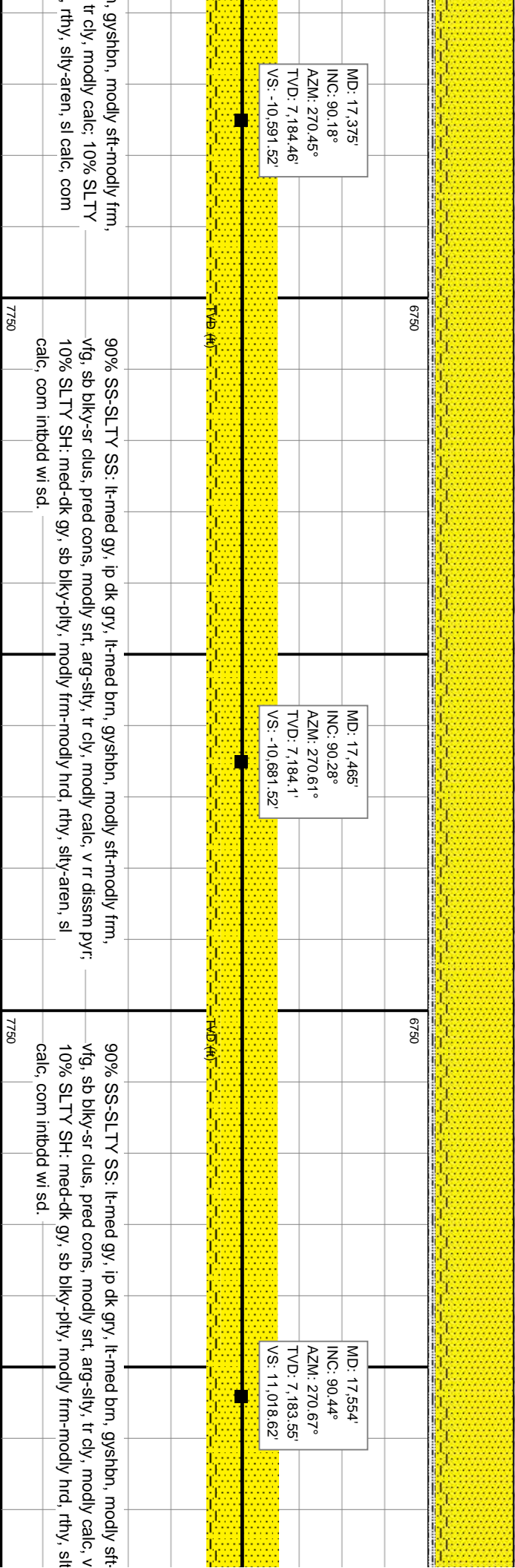




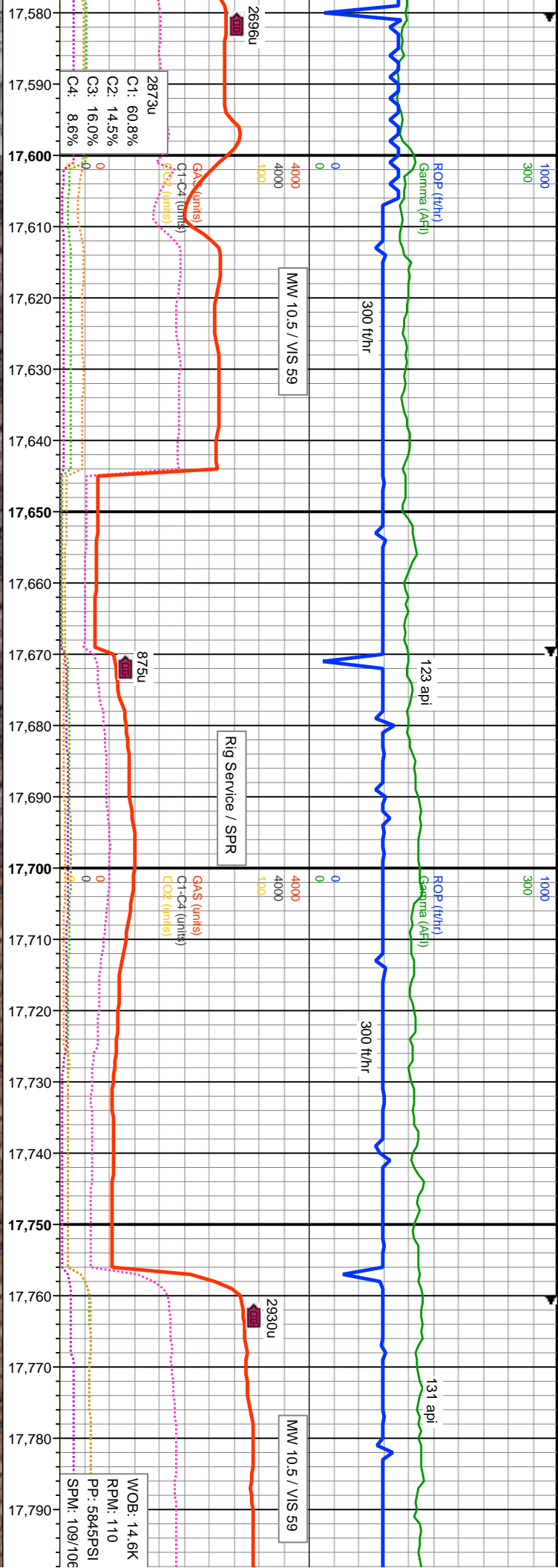
MD: 17.375'  
INC: 90.18°  
AZM: 270.45°  
TVD: 7.184.46'  
VS: -10.591.52'

MD: 17.465'  
INC: 90.28°  
AZM: 270.61°  
TVD: 7.184.1'  
VS: -10.681.52'

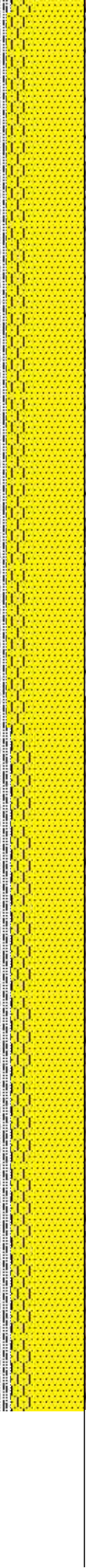
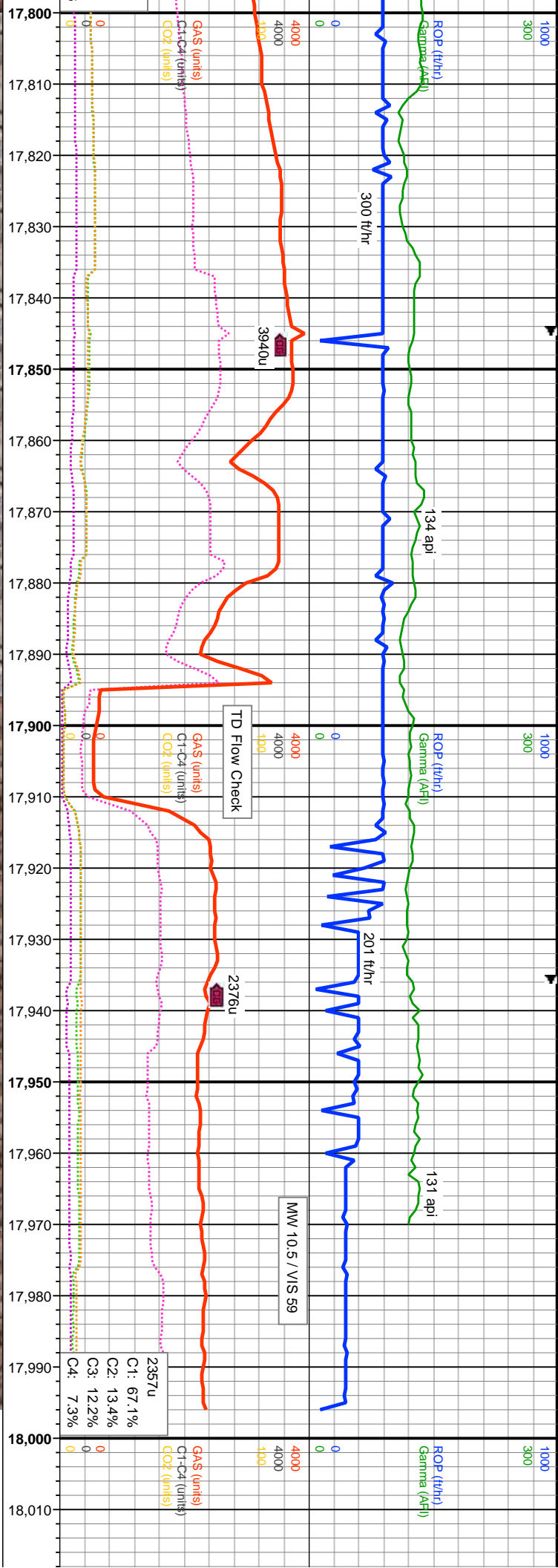
MD: 17.554'  
INC: 90.44°  
AZM: 270.67°  
TVD: 7.183.55'  
VS: -11.018.62'







modly frm, rr dissm pyr; v-aren, sl	6730	MD: 17.644' INC: 90.15° AZM: 268.87° TVD: 7.183.09' VS: 11.106.62'	6730	MD: 17.734' INC: 90.42° AZM: 270.46° TVD: 7.182.65' VS: 11.194.58'	7750
	7750	90% SS-SL TY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc, v rr dissm pyr; 10% SL TY SH: med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, silty-aren, sl calc, com inbddd wi sd.	7750	85% SS-SL TY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blkly-sr clus, pred cons, modly srt, arg-sily, tr cly, modly calc; 15% SL TY SH: med-dk gy, sb blkly-plty, modly frm-modly hrd, rthy, silty-aren, sl calc, com inbddd wi sd.	7750



MD: 17,824'  
INC: 90.08°  
AZM: 269.13°  
TVD: 7,182.25'  
VS: 11,282.59'

MD: 17,913'  
INC: 90°  
AZM: 270.05°  
TVD: 7,182.19'  
VS: 11,369.55'

MD: 17,973'  
INC: 90.26°  
AZM: 269.9°  
TVD: 7,182.05'  
VS: 11,428.26'

MD: 17,996'  
INC: 90.26°  
AZM: 269.9°  
TVD: 7,181.94'  
VS: 11,450.76'

Projection to Bit

FM  
Sh  
Ni  
Ft  
Co  
Ca  
Gr

90% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blk-y-sr clus, pred cons, modly srt, arg-sltly, tr cly, modly calc, 10% SLTY SH: med-dk gy, sb blk-y-pty, modly frm-modly hrd, rthy, slty-aren, sl calc, com intbdd wi sd.

85% SS-SLTY SS: lt-med gy, ip dk gry, lt-med brn, gysbhn, modly sft-modly frm, vfg, sb blk-y-sr clus, pred cons, modly srt, arg-sltly, tr cly, modly calc, 15% SLTY SH: med-dk gy, sb blk-y-pty, modly frm-modly hrd, rthy, slty-aren, sl calc, com intbdd wi sd.



