

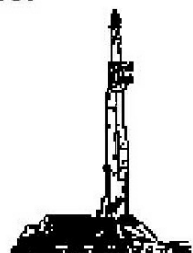
GOOLSBY BROTHERS
and associates, inc.

575 Union Blvd, Suite 208
Lakewood, CO 80228
303-945-2860 Office



Geological Wellsite
Supervision

www.goolsbybrothers.com



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: LOST CREEK_03-62-08-2H
API: 05-123-44648-00
Location: NWNW Sec 8, T3N, R62W Weld County, CO.
License Number:
Spud Date: June 14, 2017
Surface Coordinates: 320' FNL, 1314' FWL, Sec 8, 3N, 62W
40°24'69.10 N Latitude, -104°35'25.48 W Longitude
Bottom Hole 2177' FNL & 469' FWL, Sec 17, 3N, 62W
Coordinates:
Ground Elevation (ft): 4,698'
Logged Interval (ft): 1,709' To: 13,923'
Formation: NIOBRARA "C" TARGET
Type of Drilling Fluid: OBM

Region: DJ, Wattenberg
Drilling Completed: June 17, 2017

Printed by HORIZONTAL.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com









OPERATOR

Company: Verdad Resources LLC
Address: 5950 Cedar Springs Rd., Suite 200
Dallas TX., 75235
GeoSteering & Operations Geologist Steve Goolsby


GEOLOGIST

Name: Robin Brackman & Phillip Willcox
Company: Goolsby Brothers & Assoc. (GBA), Inc. (www.goolsbybrothers.com)
Address: 575 Union Blvd.
Suite 208,
Lakewood CO. 80228




POROSITY TYPE

 Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

SORTING

 Well
 Moderate
 Poor







ROUNDING

 Rounded
 Subrnd
 Subang

OTHER SYMBOLS

 Angular

OIL SHOWS

 Even
 Spotted
 Ques
 Dead
 Vspotty
 near even

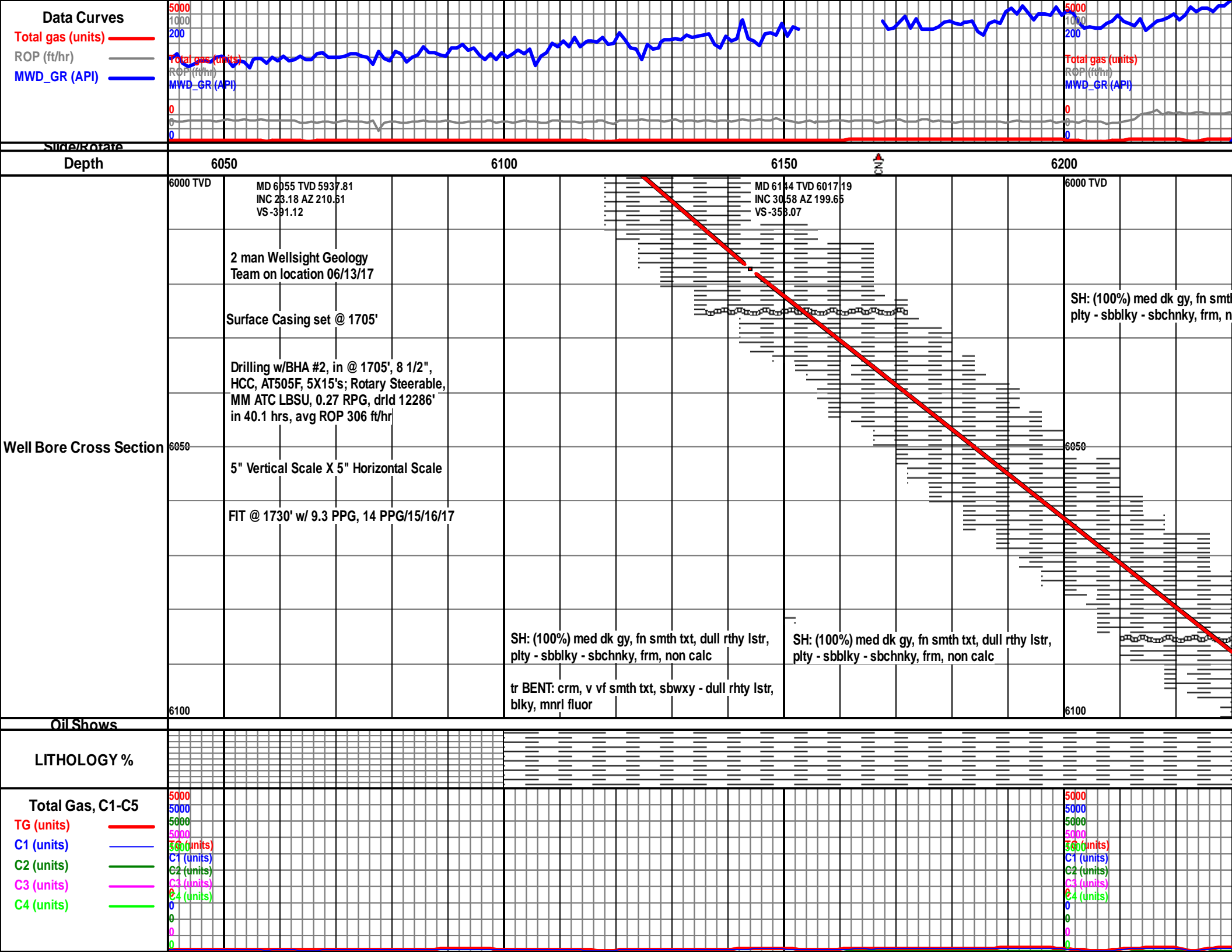
INTERVALS

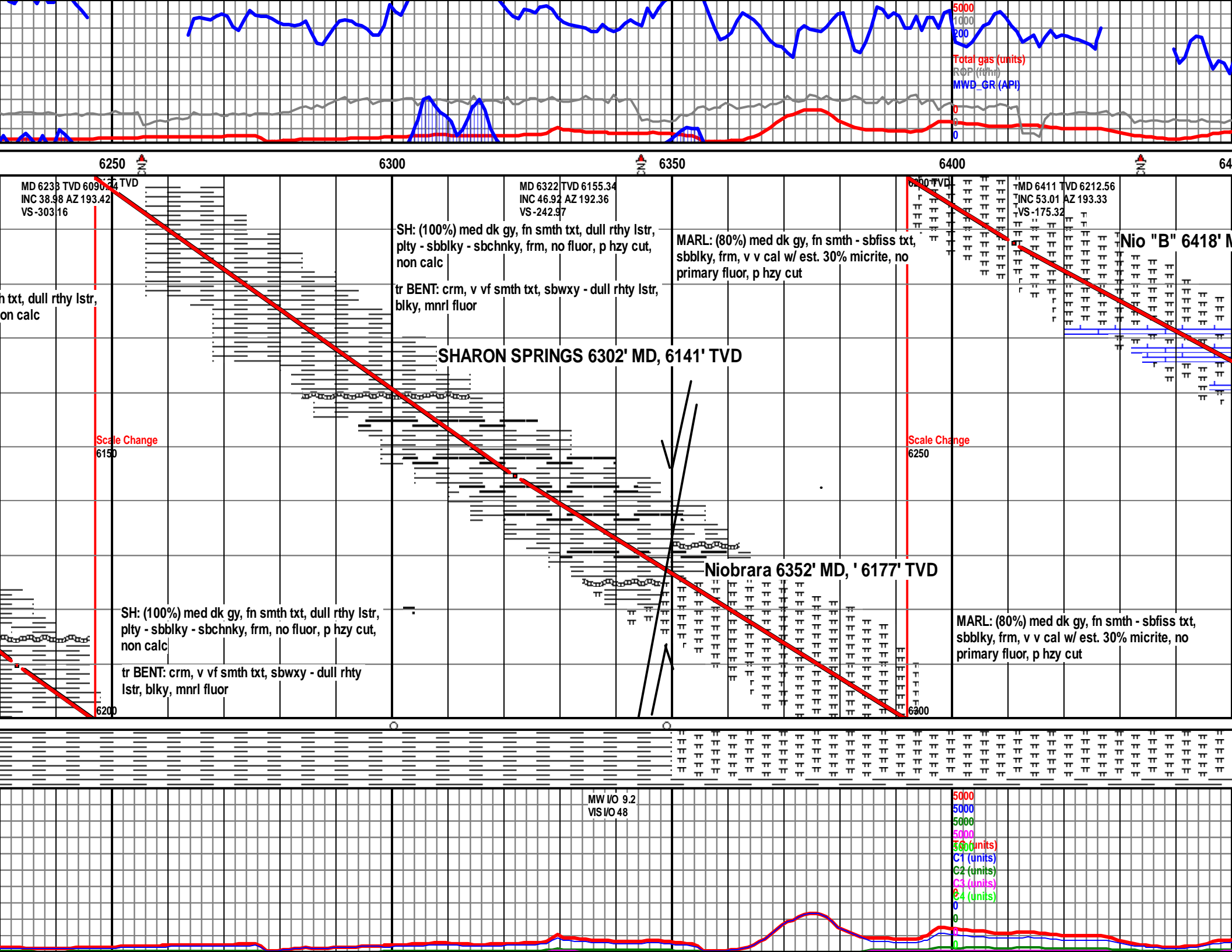
 Core
 Dst

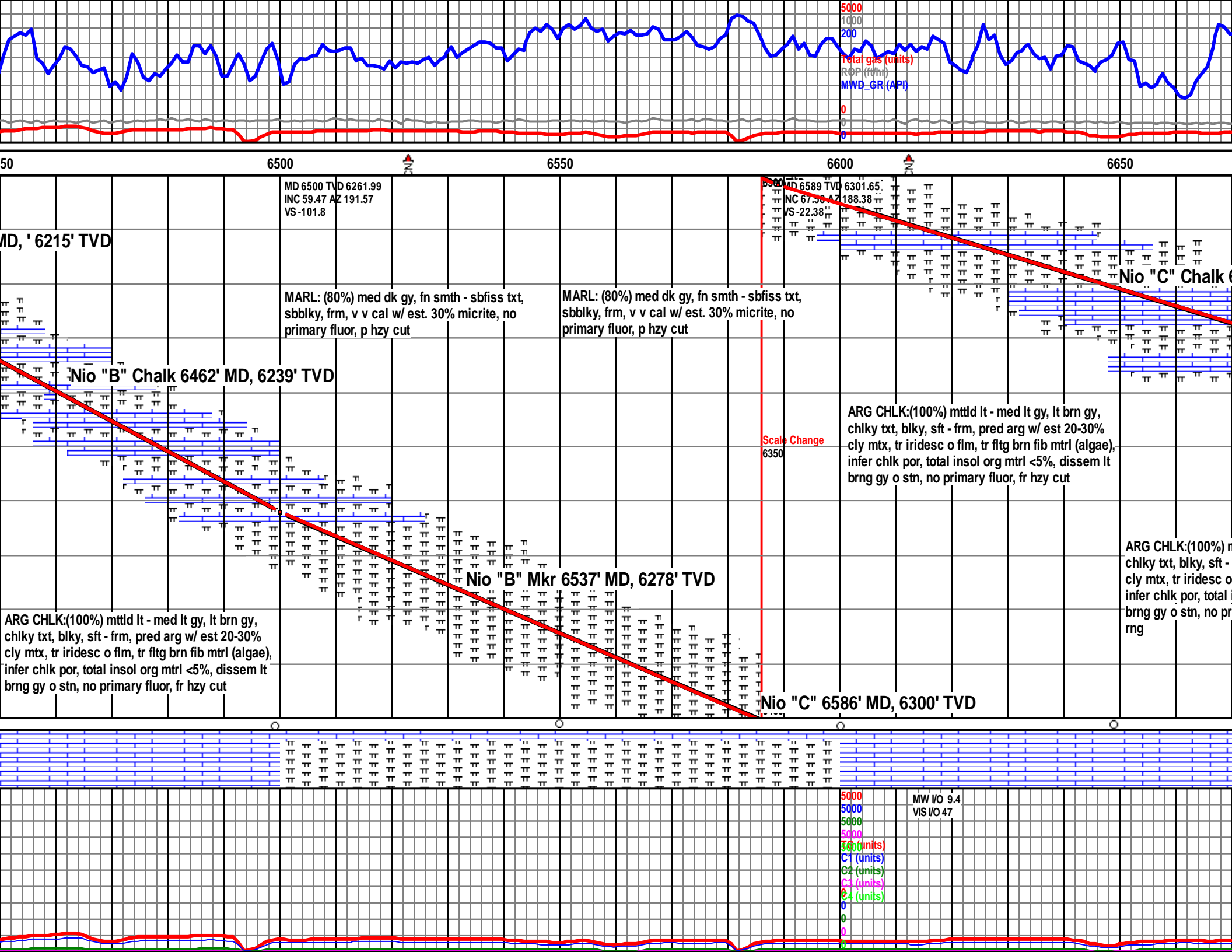
EVENTS

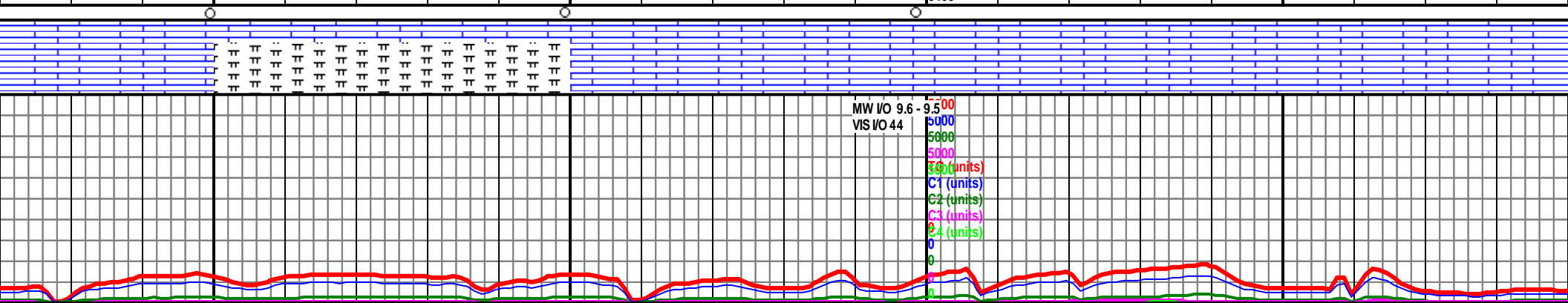
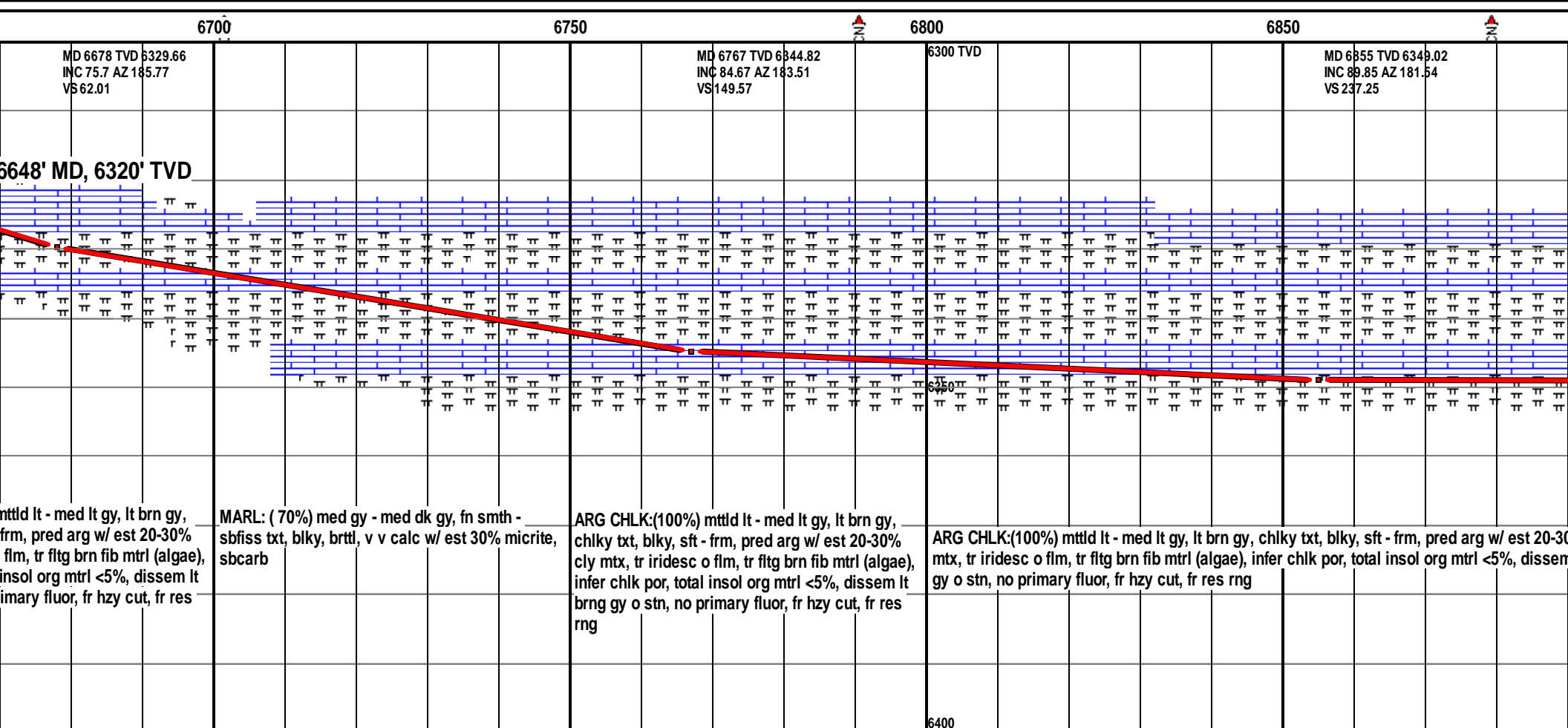
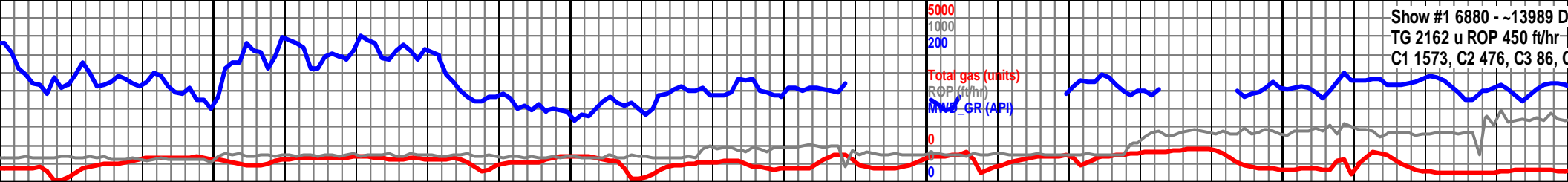
 Casing shoe_hzl
 Trip_point_1
 Off bottom
 conn

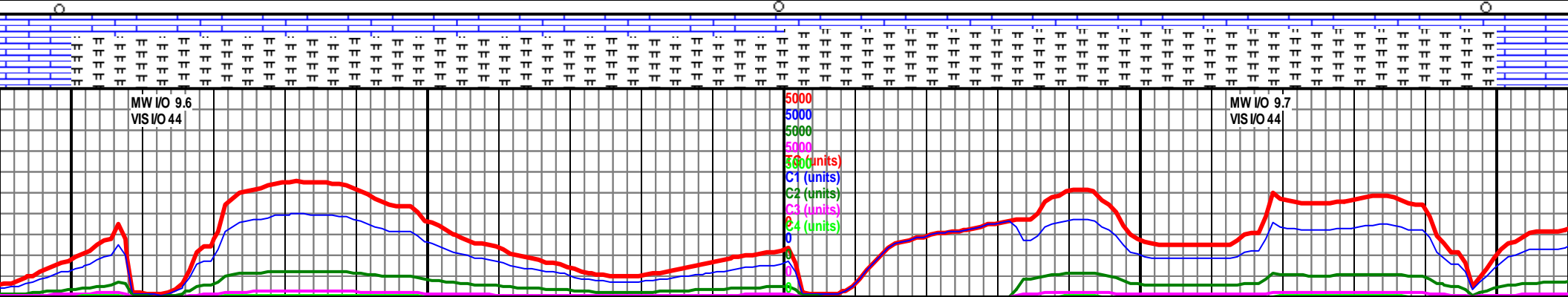
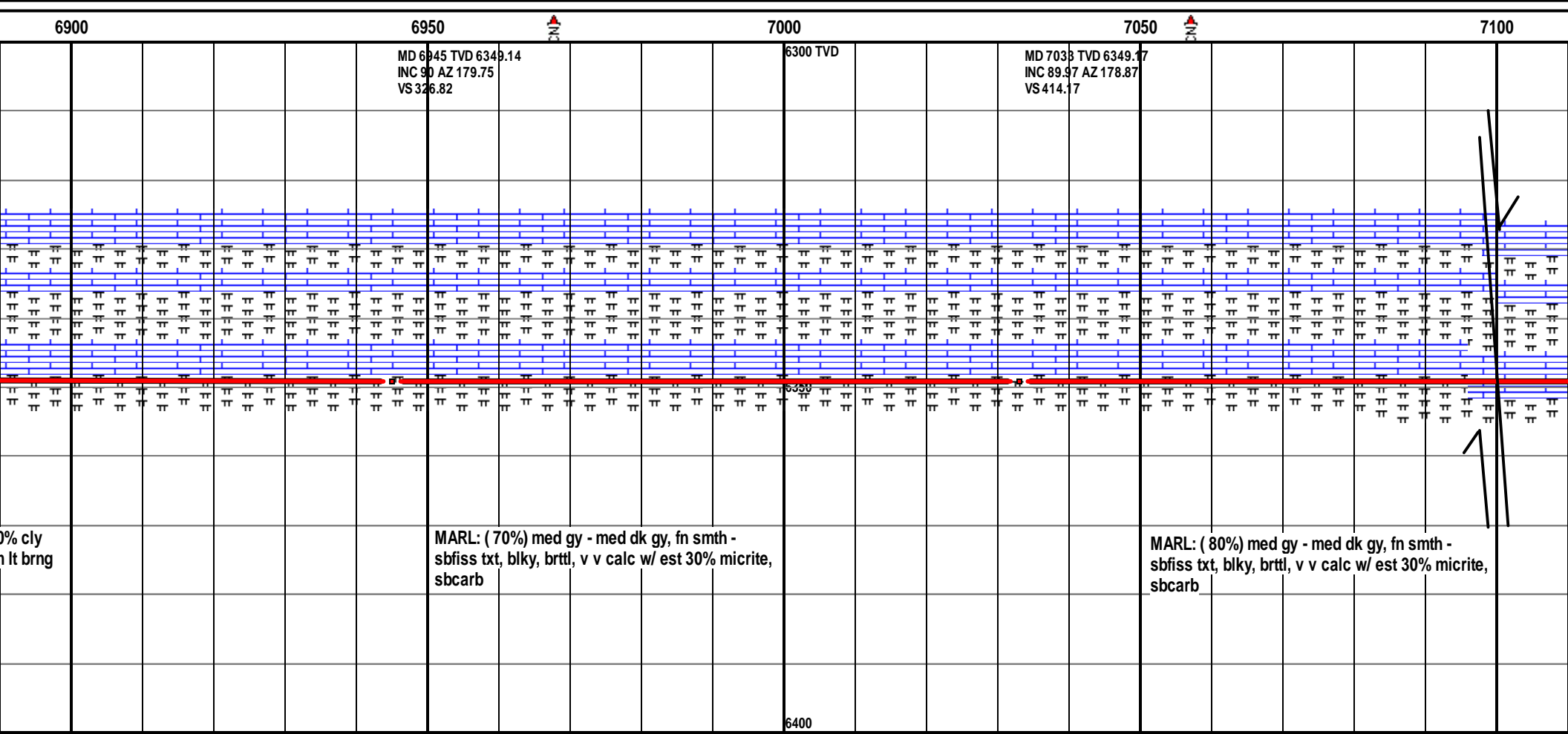
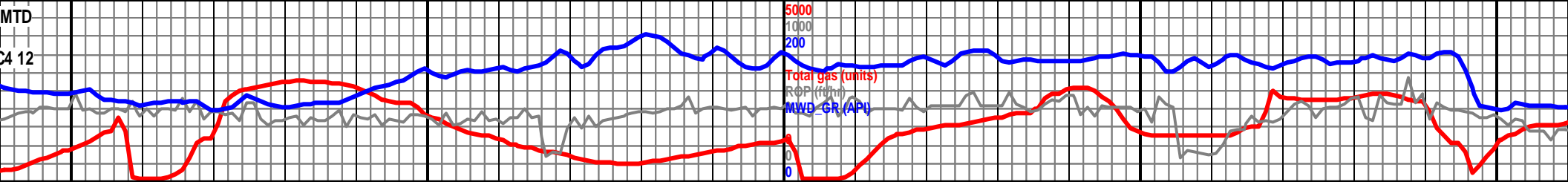
 Survey(mwd)
 Survey(red)
 bit

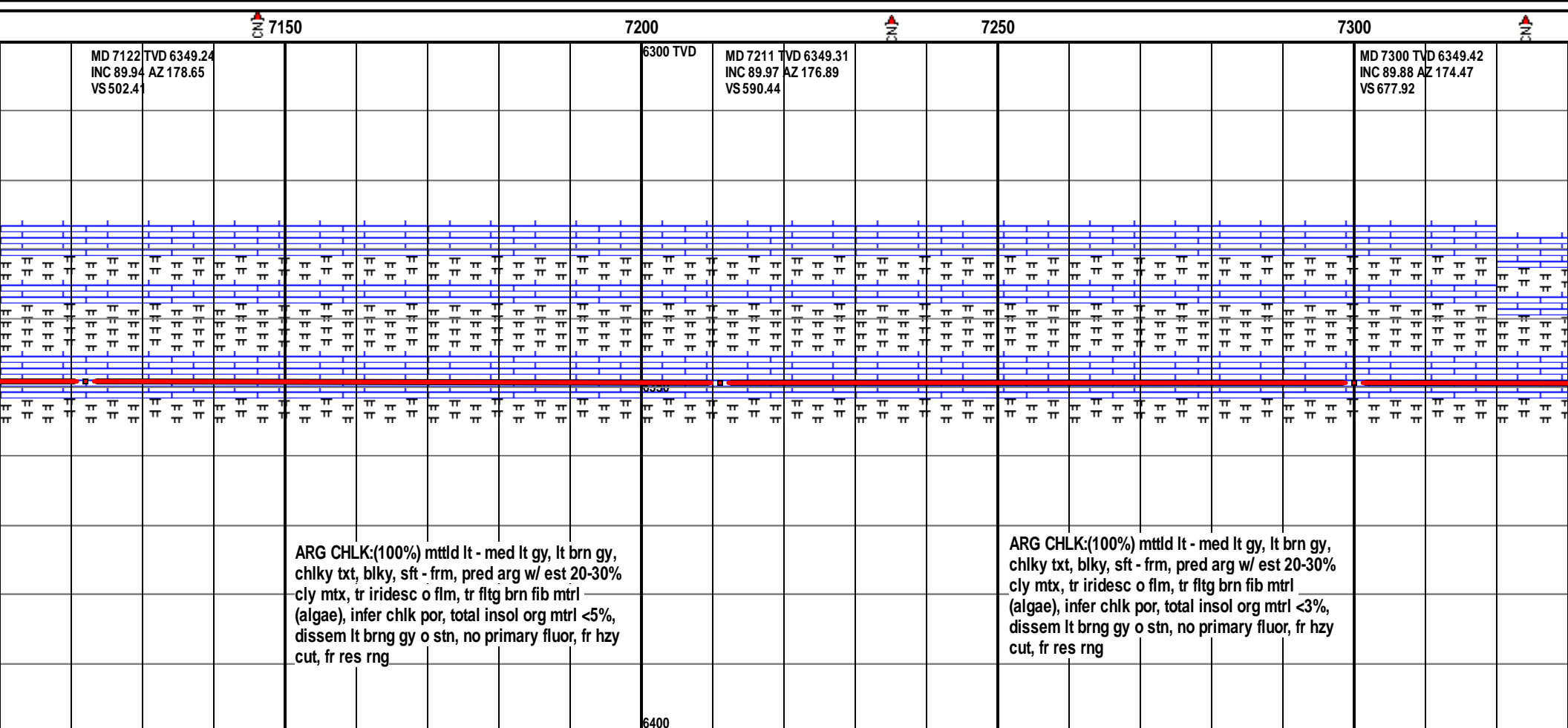


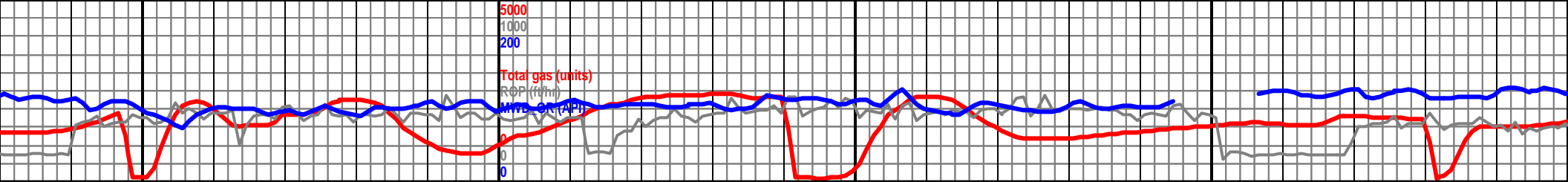




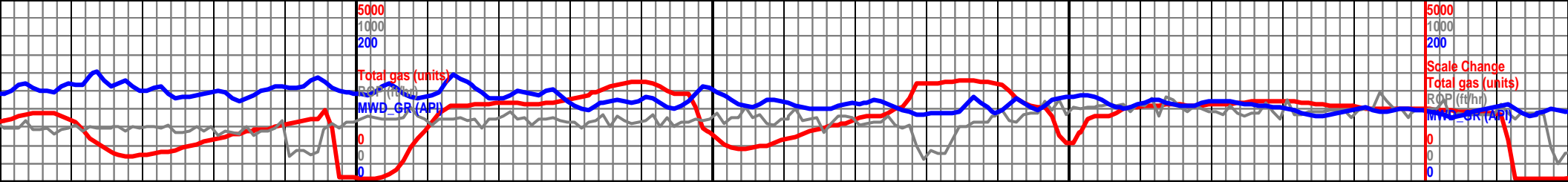




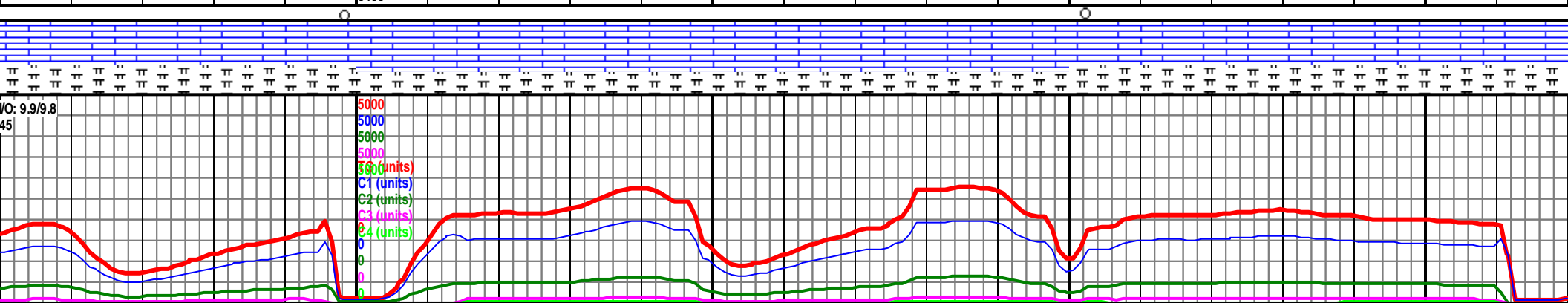




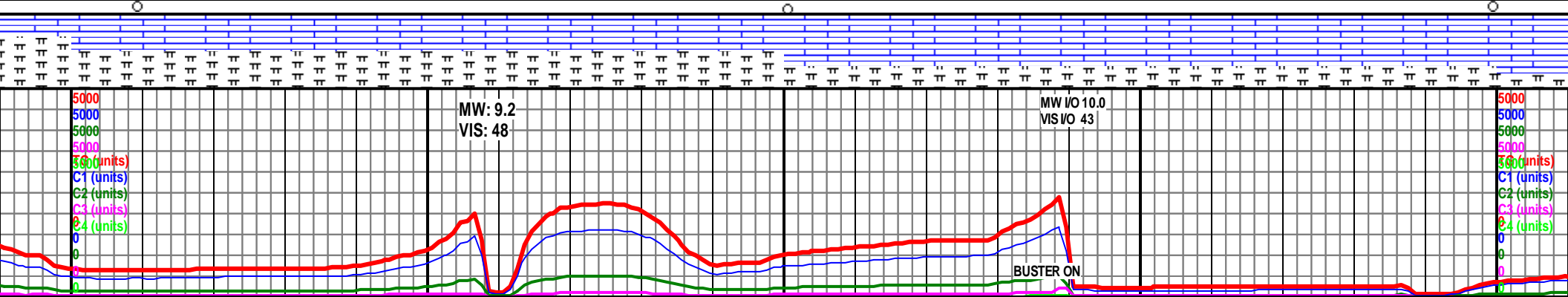
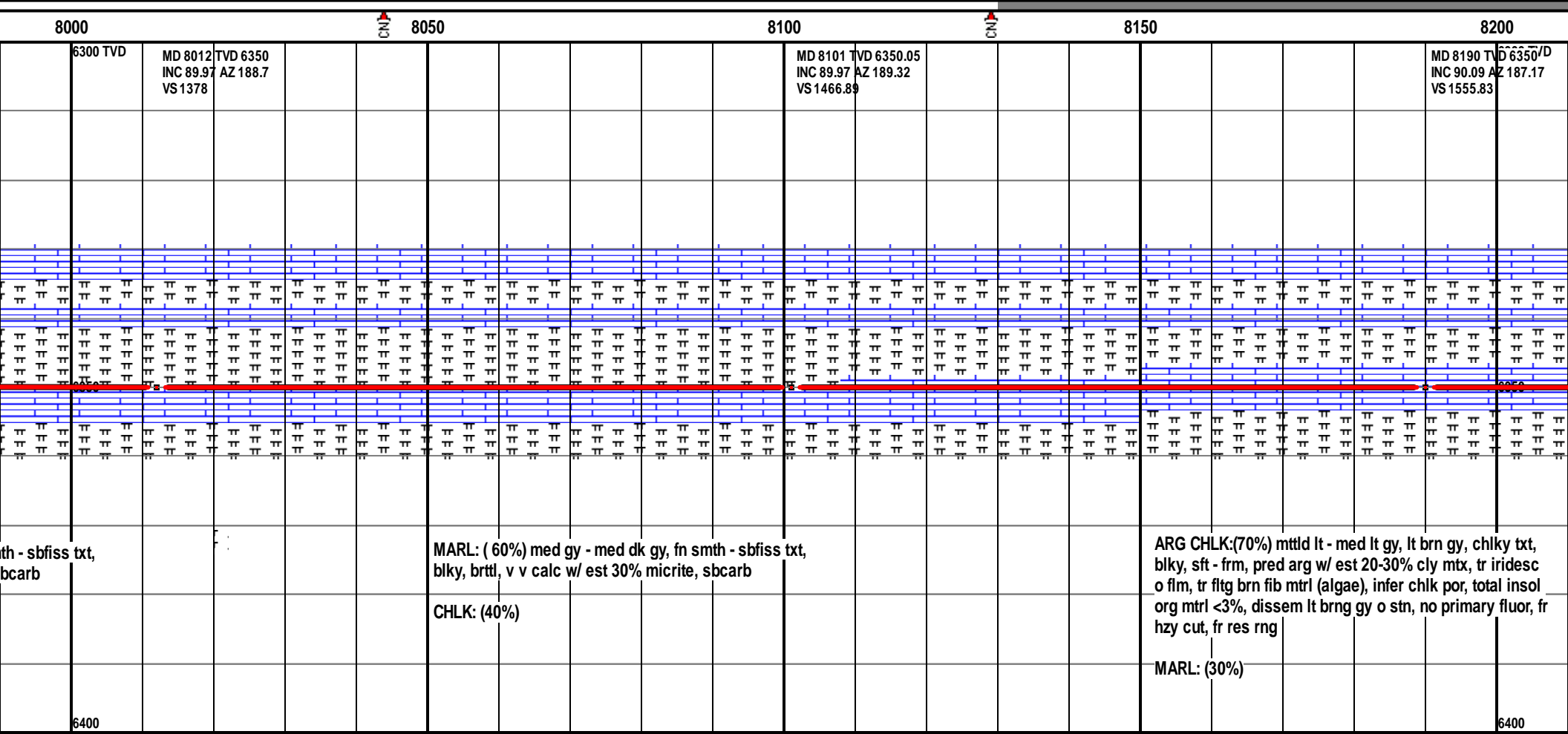
7350										7400										7450										7500										75									
										MD 7389 TVD 6349.49 INC 90.03 AZ 174.93 VS 765.12																				MD 7478 TVD 6349.51 INC 89.94 AZ 170.25 VS 851.58																			

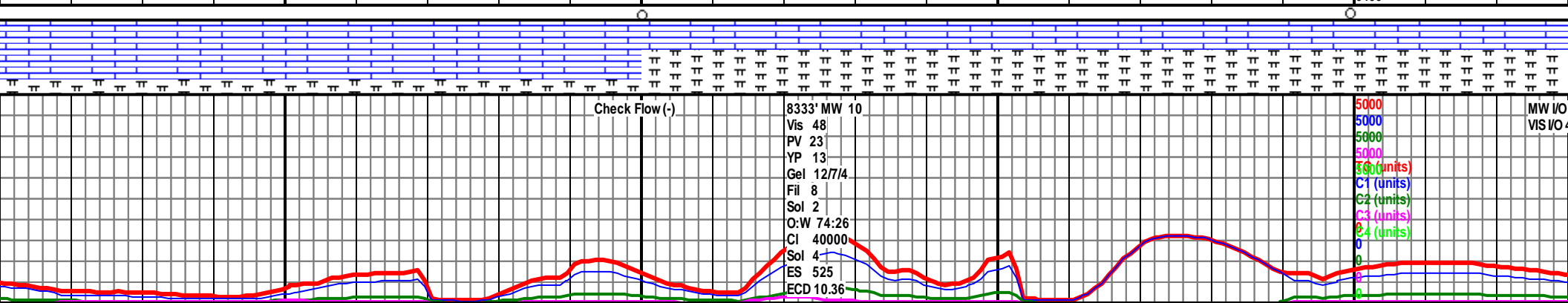
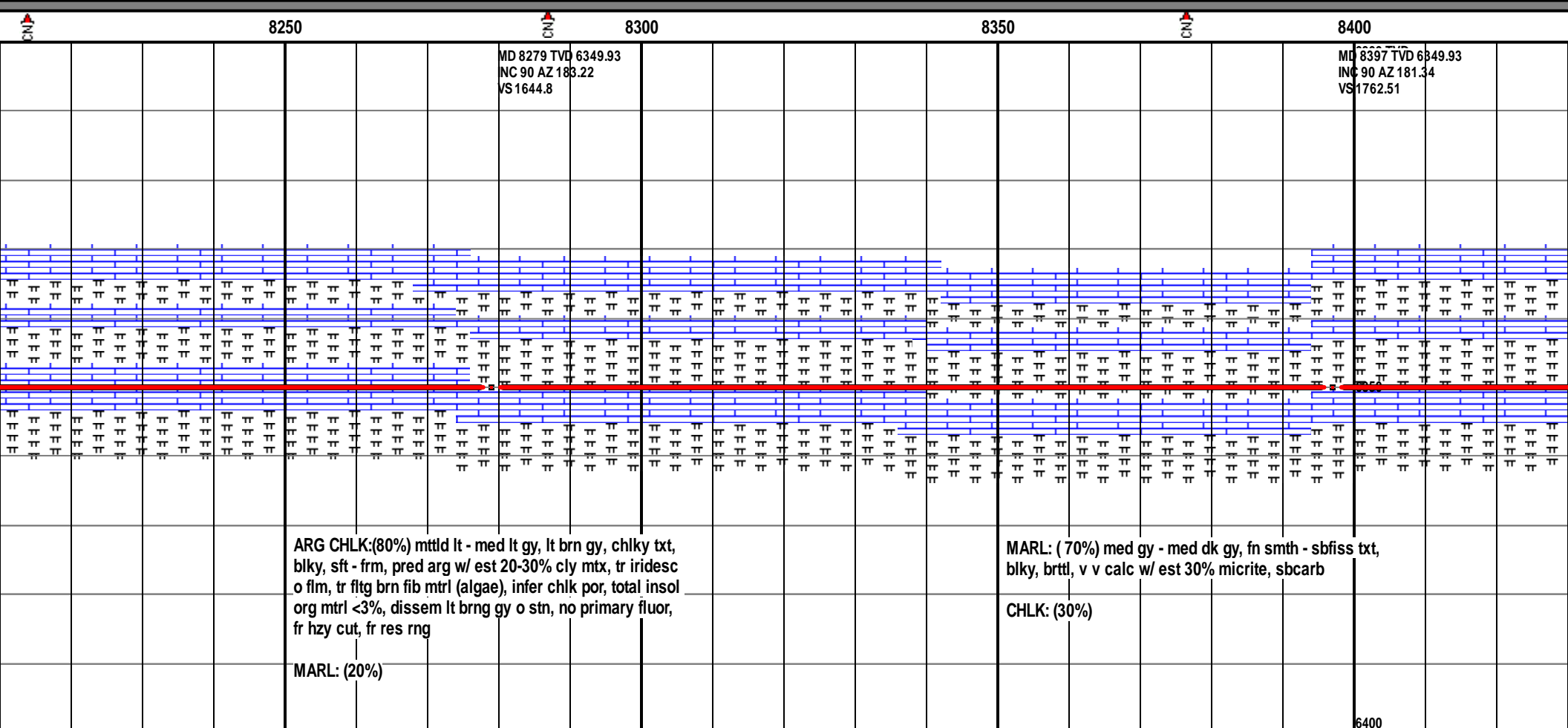
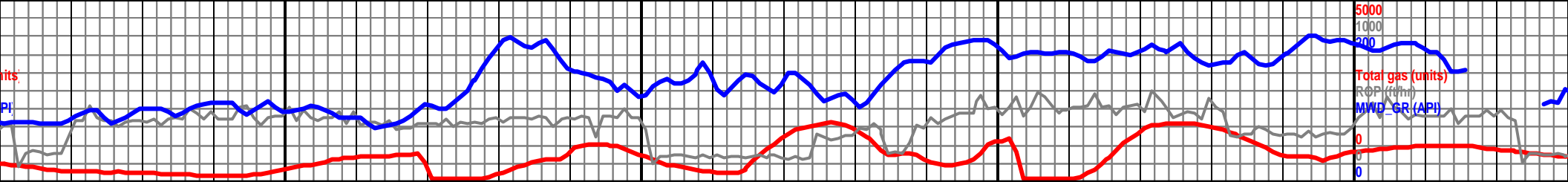


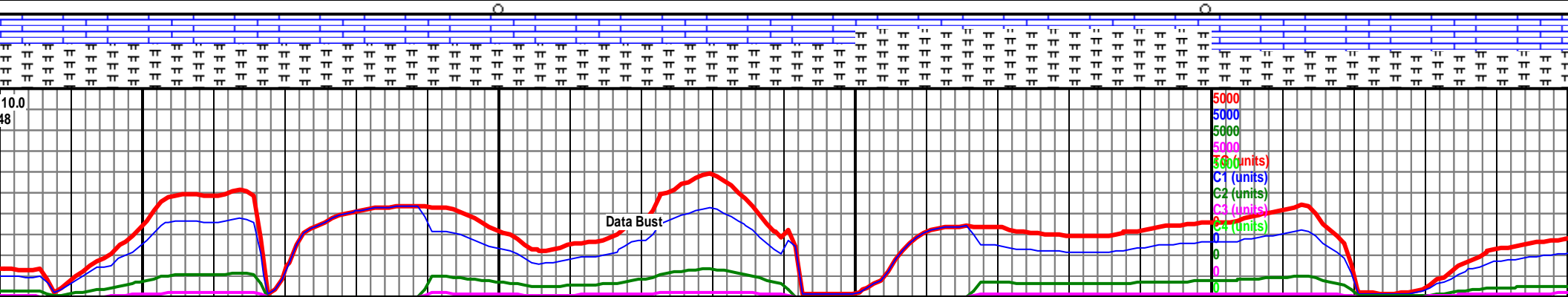
<p>MD 7567 TVD 6349.68 INC 89.85 AZ 171.48 VS 937.38</p> <p>6300 TVD</p> <p>ARG CHLK:(60%) mtltd lt - med lt gy, lt brn gy, chlky txt, blk, sft - frm, pred arg w/ est 20-30% cly mtx, tr iridesc o flm, tr fltg brn fib mtrl (algae), infer chlk por, total insol org mtrl <3%, dissem lt brng gy o stn, no primary fluor, fr hzy cut, fr res rng</p> <p>MARL: (40%)</p>	<p>MD 7656 TVD 6349.79 INC 90 AZ 175.02 VS 1024.09</p> <p>ARG CHLK:(70%) mtltd lt - med lt gy, lt brn gy, chlky txt, blk, sft - frm, pred arg w/ est 20-30% cly mtx, tr iridesc o flm, tr fltg brn fib mtrl (algae), infer chlk por, total insol org mtrl <3%, dissem lt brng gy o stn, no primary fluor, fr hzy cut, fr res rng</p> <p>MARL: (30%)</p>	<p>MD 7745 TVD 6349.89 INC 89.88 AZ 177.89 VS 1111.72</p> <p>ARG CHLK:(60%) mtltd lt - med lt gy, lt brn gy, chlky txt, blk, sft - frm, pred arg w/ est 20-30% cly mtx, tr iridesc o flm, tr fltg brn fib mtrl (algae), infer chlk por, total insol org mtrl <3%, dissem lt brng gy o stn, no primary fluor, fr hzy cut, fr res rng</p> <p>MARL: (40%)</p>
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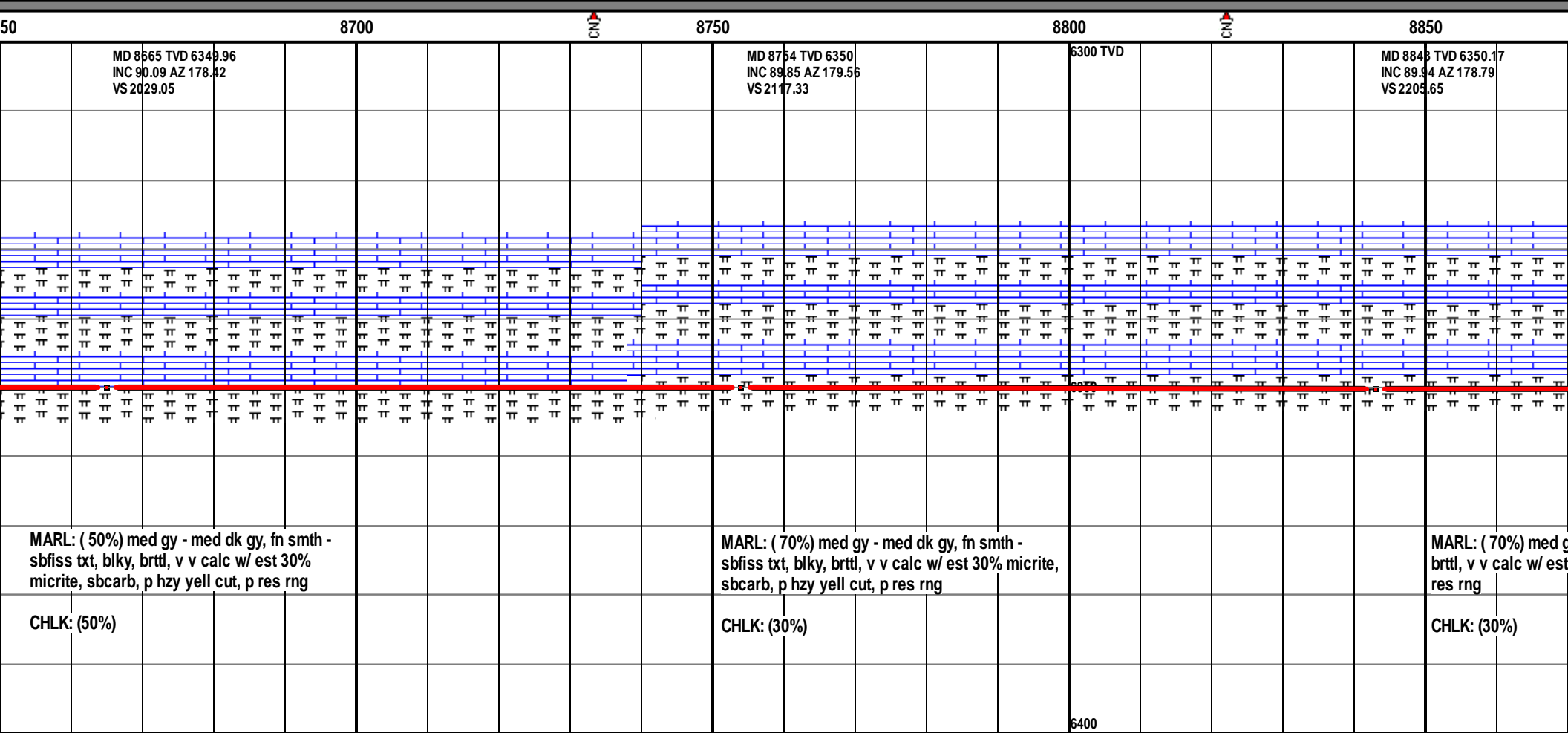


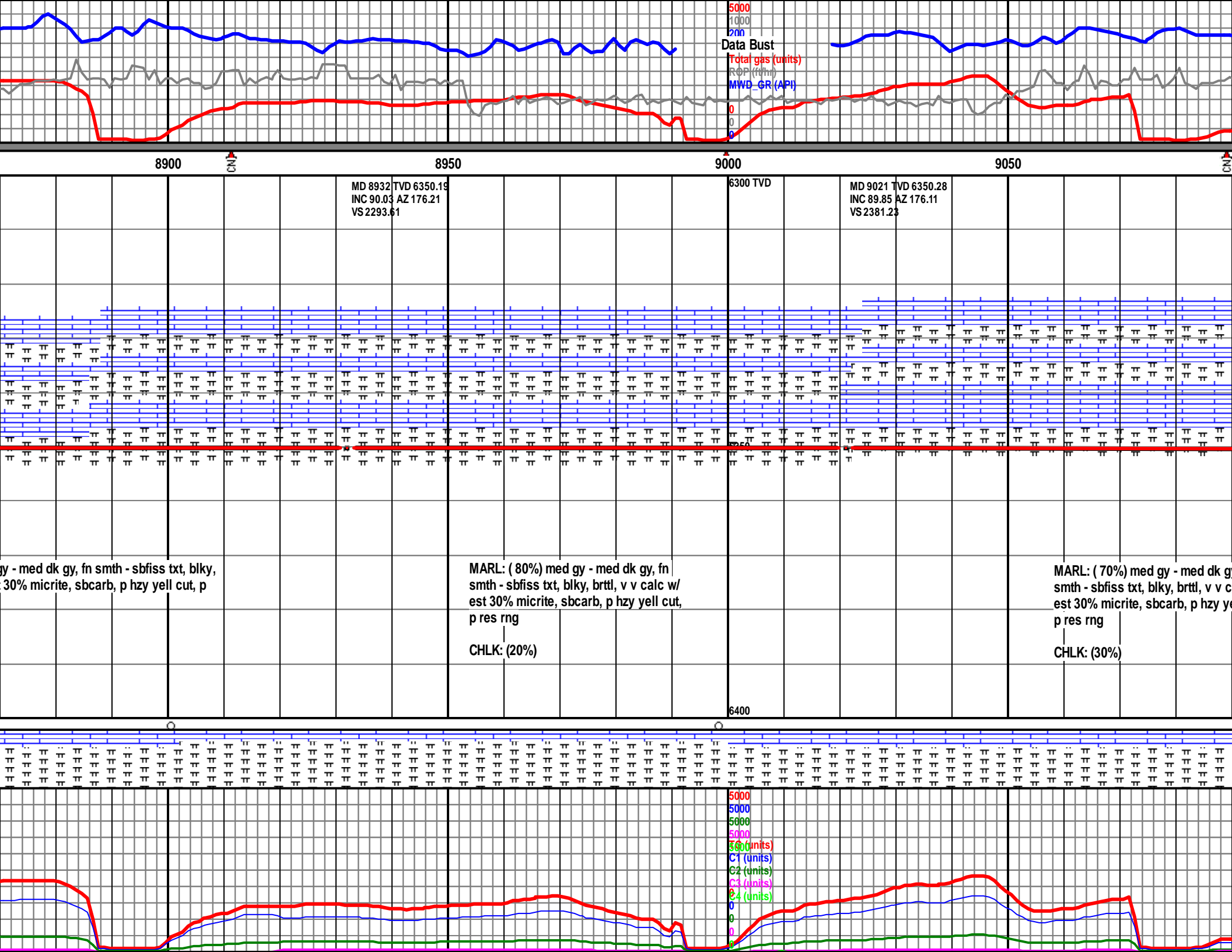
Data Bust

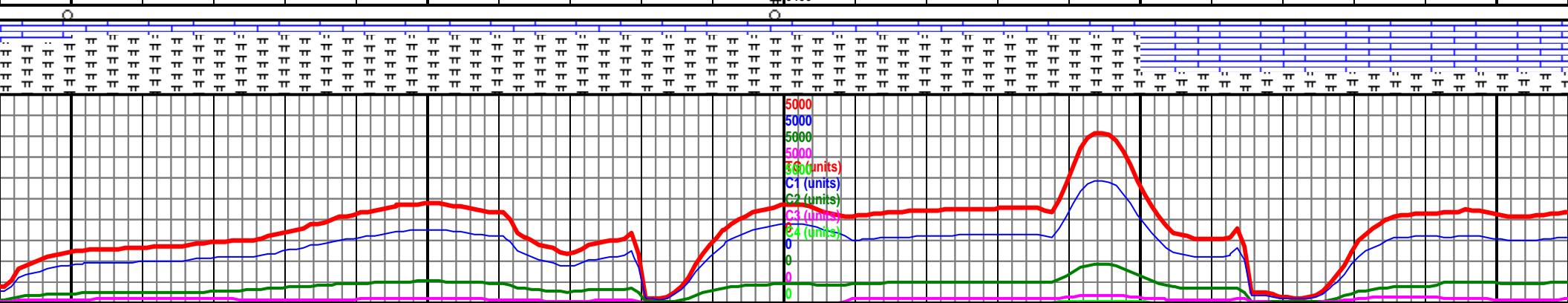
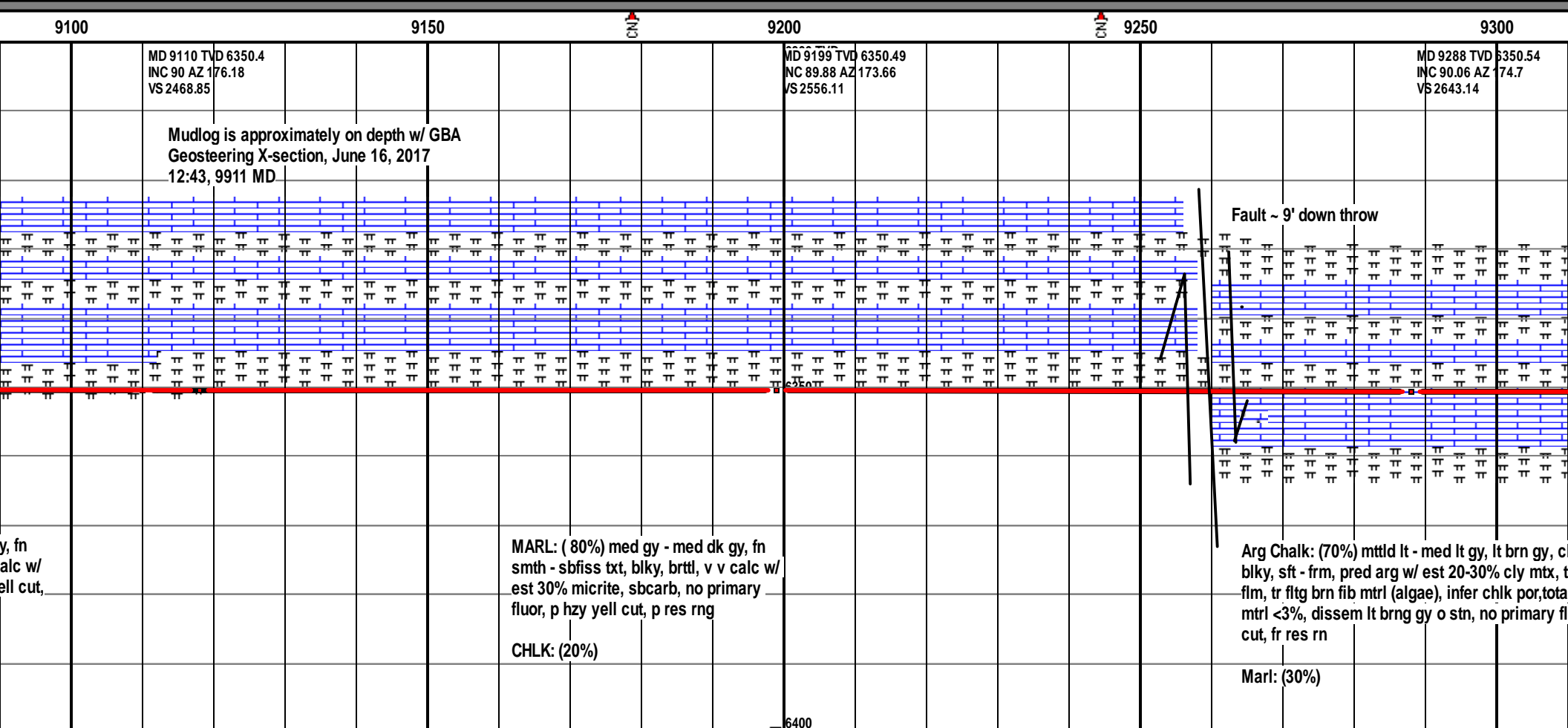
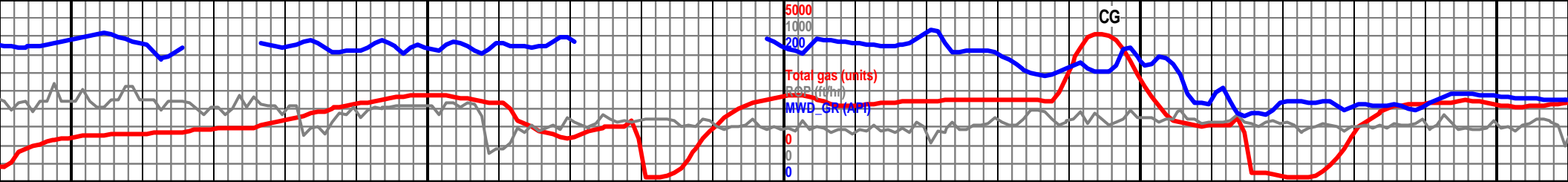












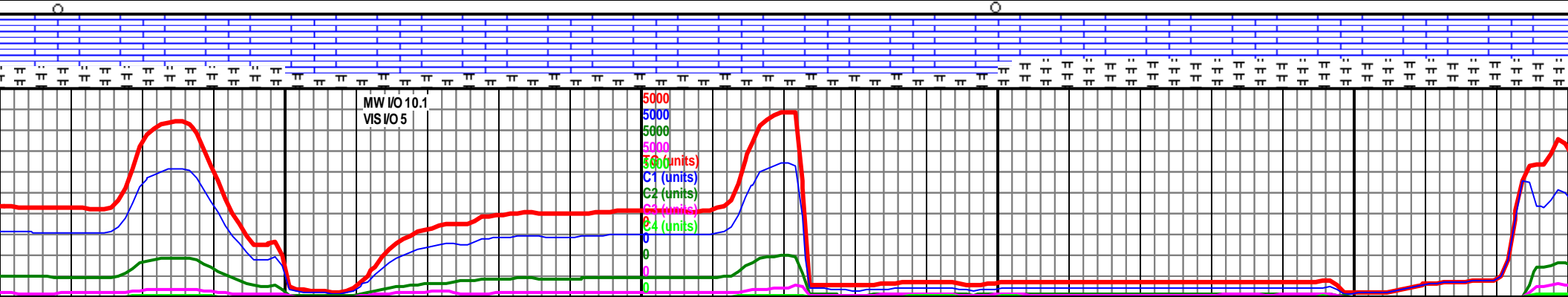
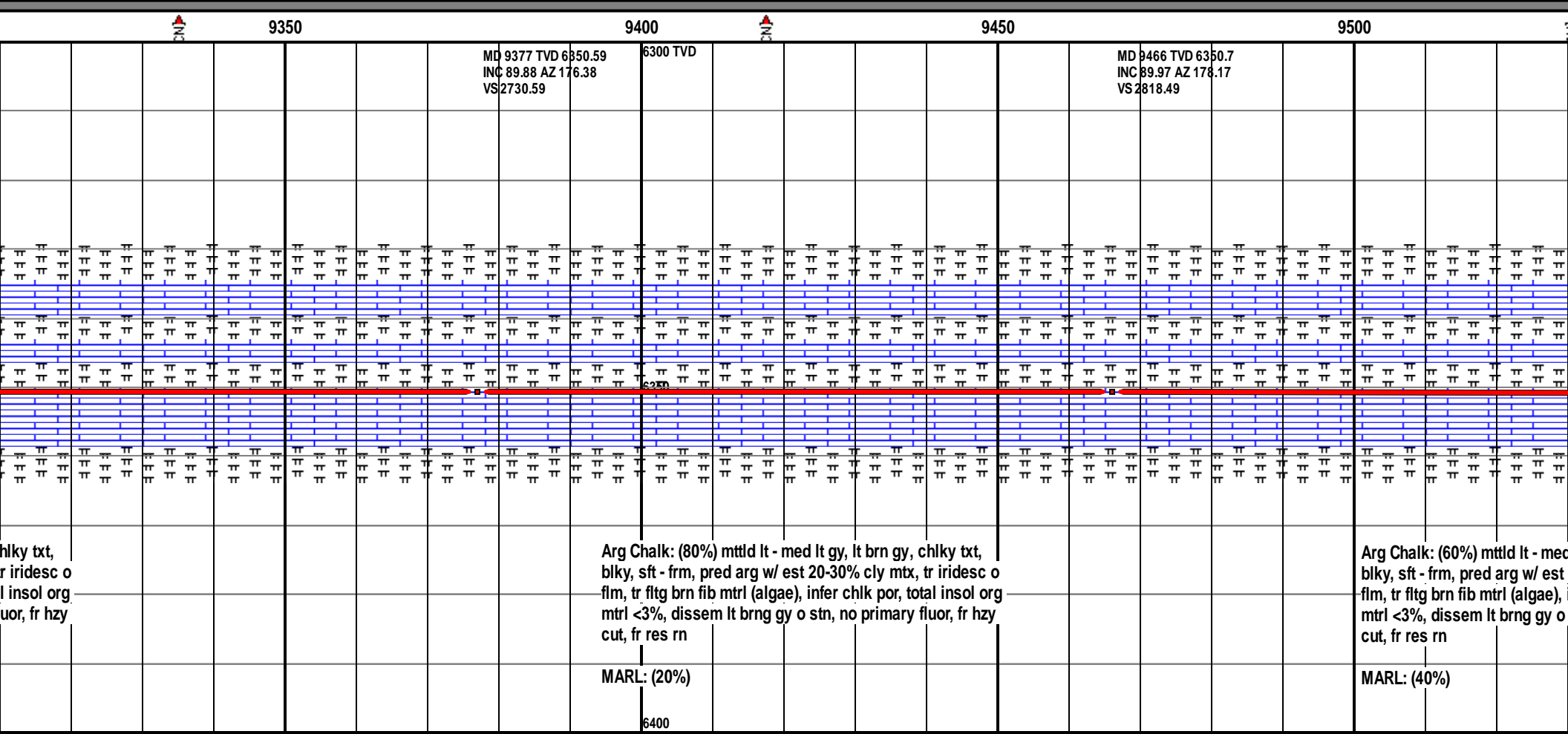
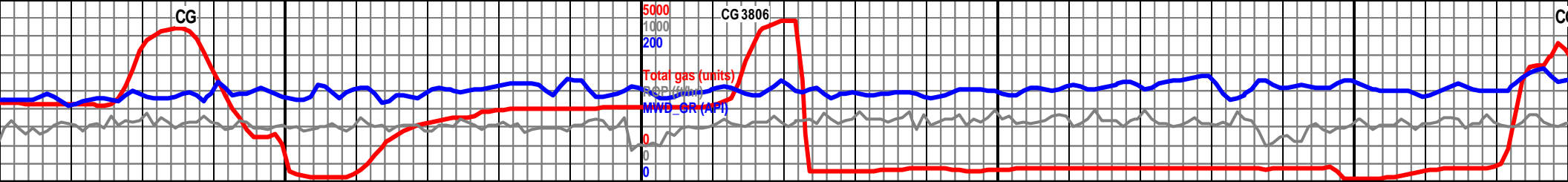
y, fn
alc w/
ell cut,

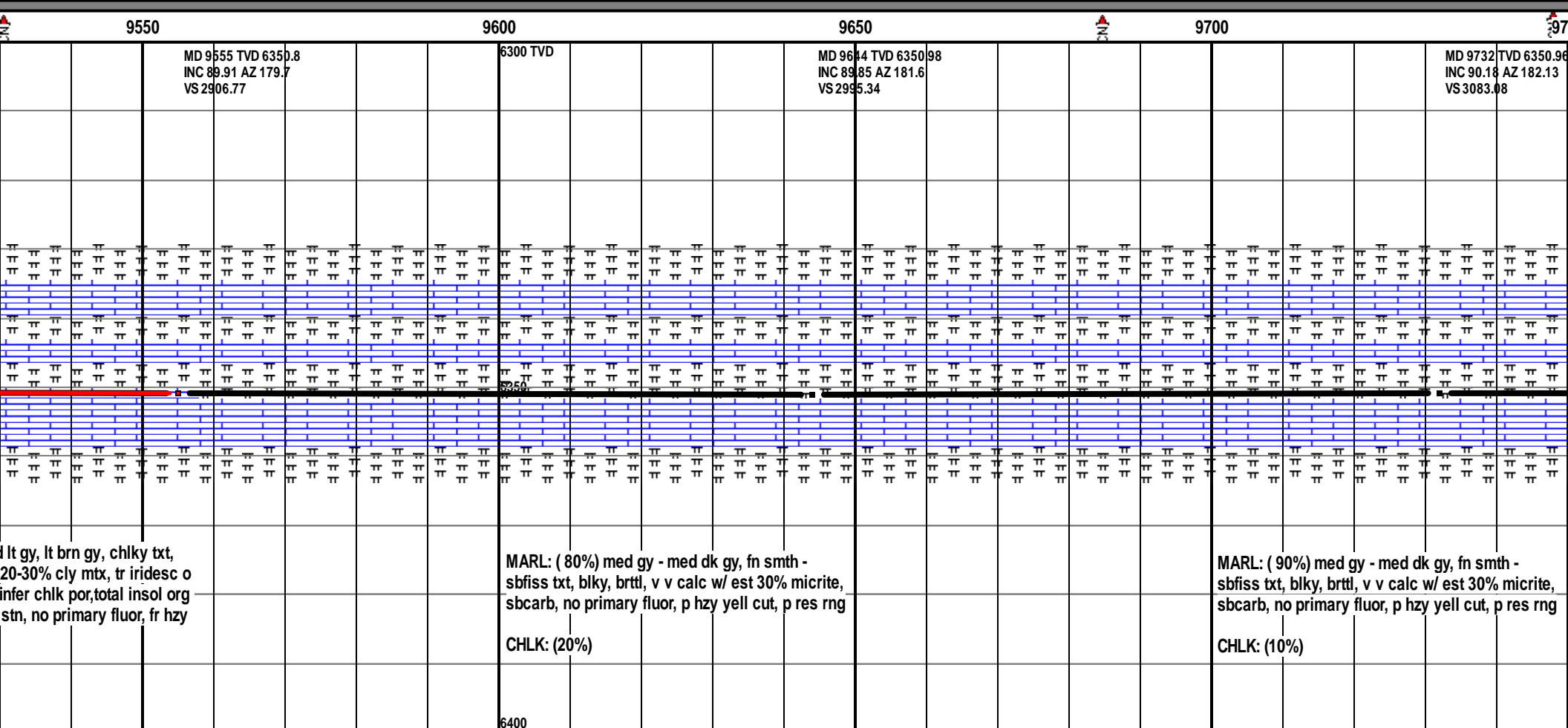
MARL: (80%) med gy - med dk gy, fn
smth - sbfiss txt, blk, brtl, v v calc w/
est 30% micrite, sbcarb, no primary
fluor, p hzy yell cut, p res rng

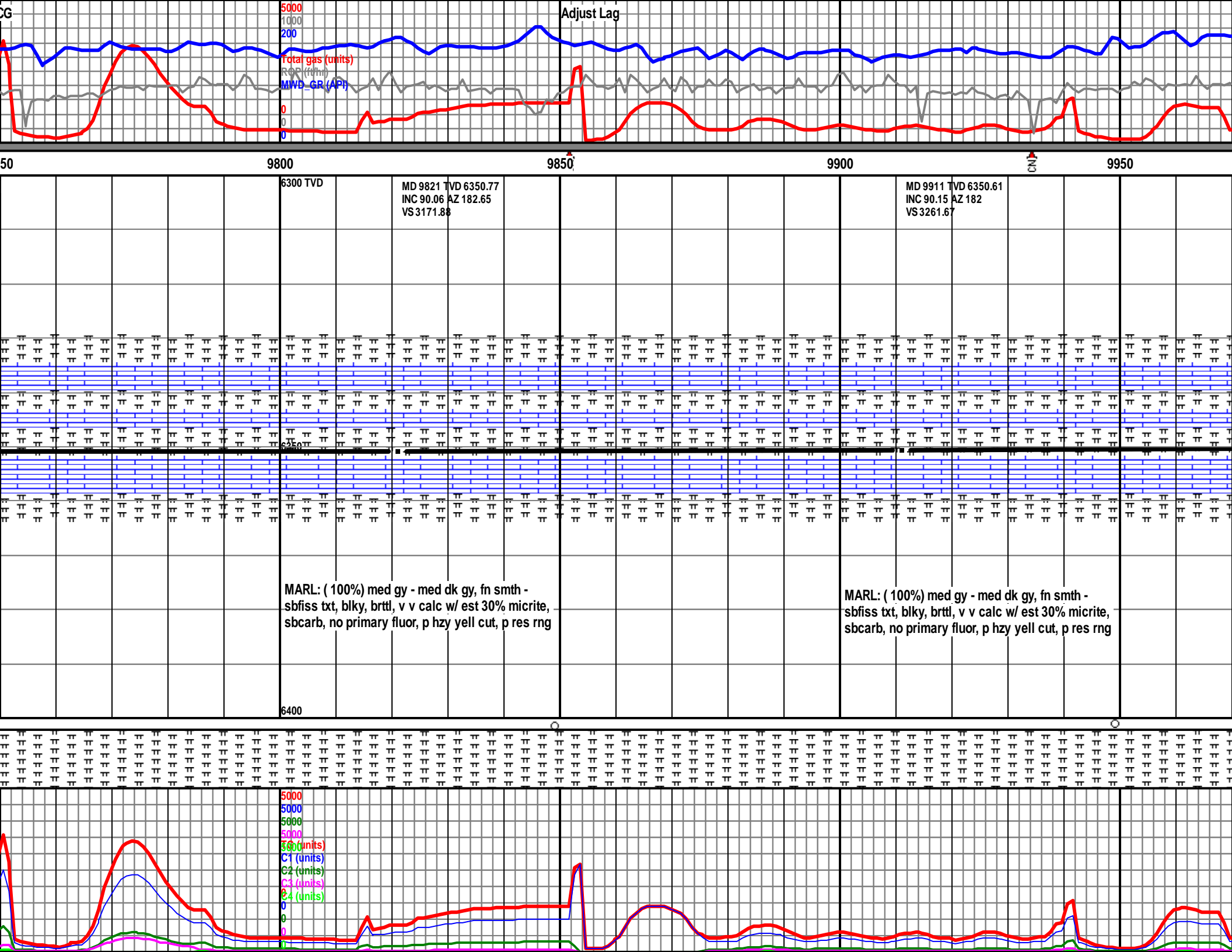
CHLK: (20%)

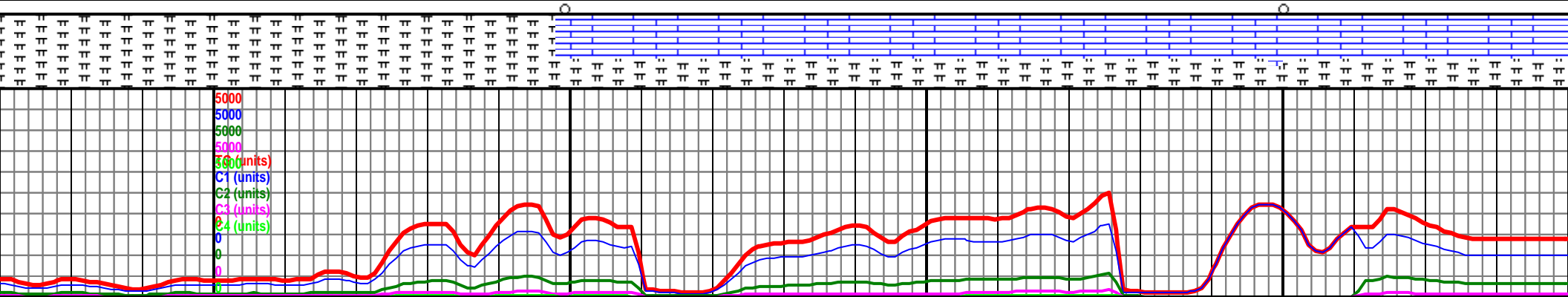
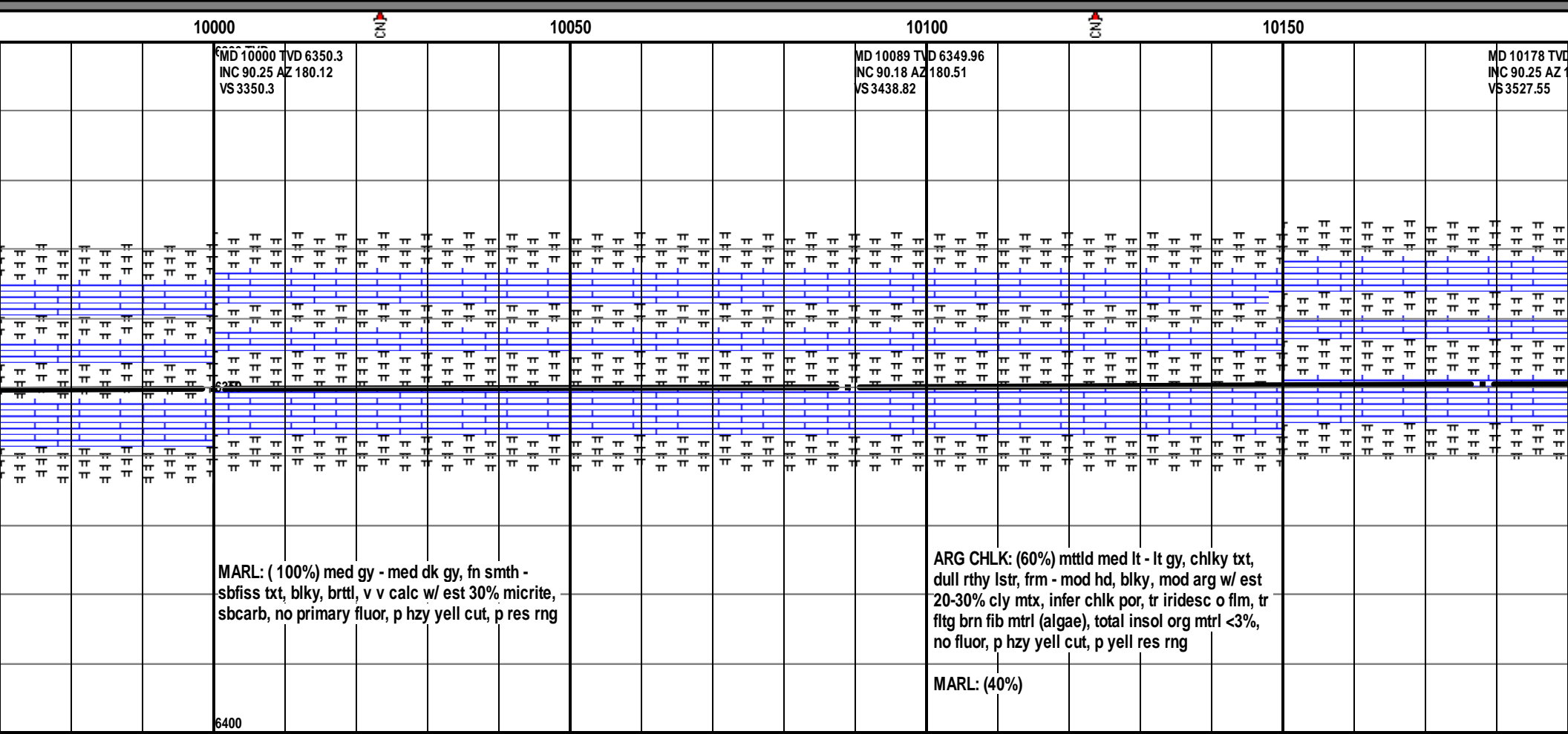
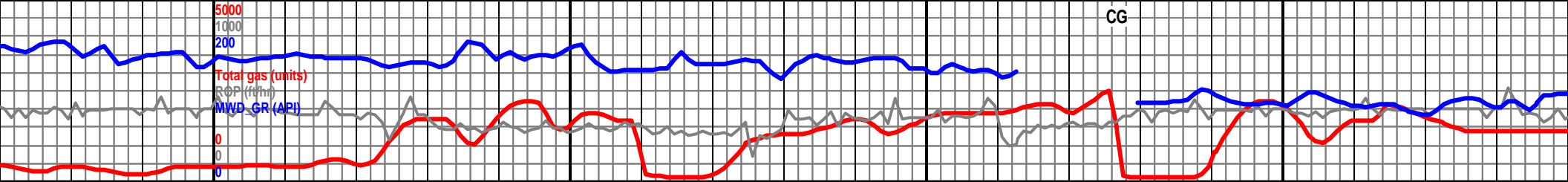
Arg Chalk: (70%) mttld lt - med lt gy, lt brn gy, c
blk, sft - frm, pred arg w/ est 20-30% cly mtx, t
flm, tr fltg brn fib mtrl (algae), infer chlk por, tota
mtrl <3%, dissem lt brng gy o stn, no primary fl
cut, fr res rn

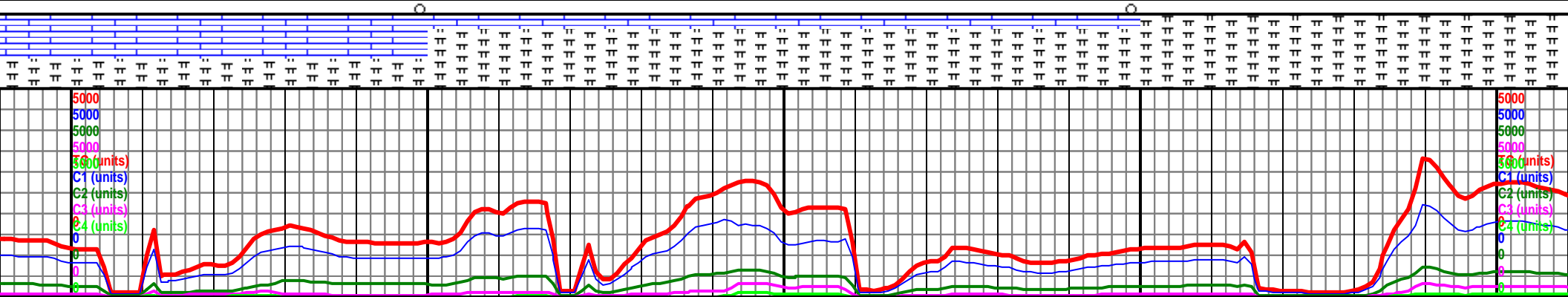
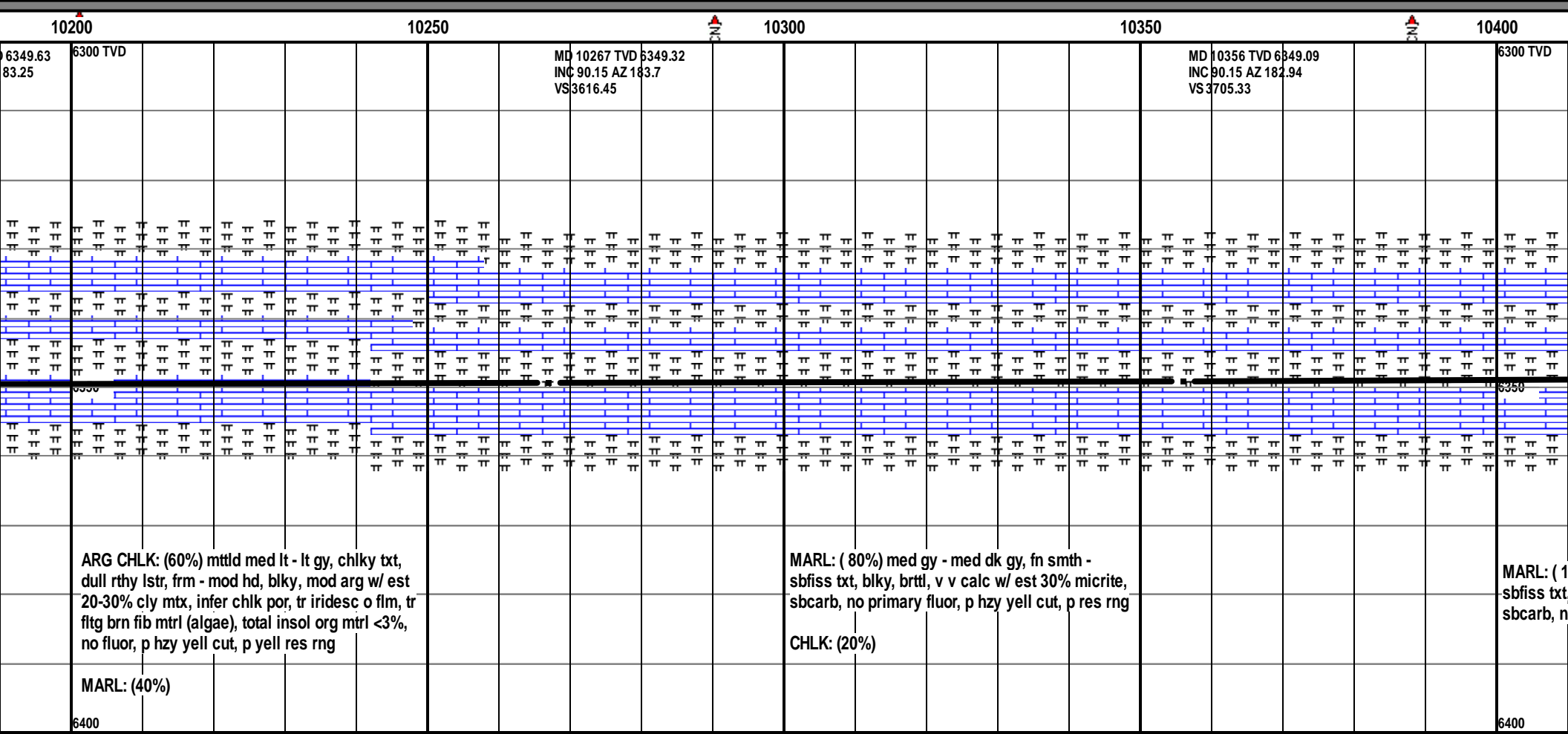
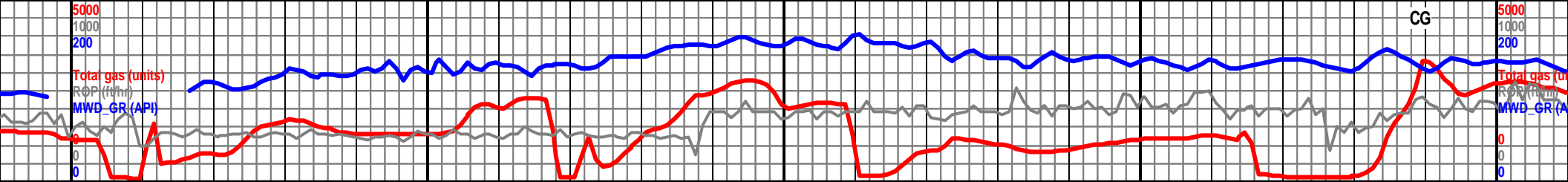
Marl: (30%)

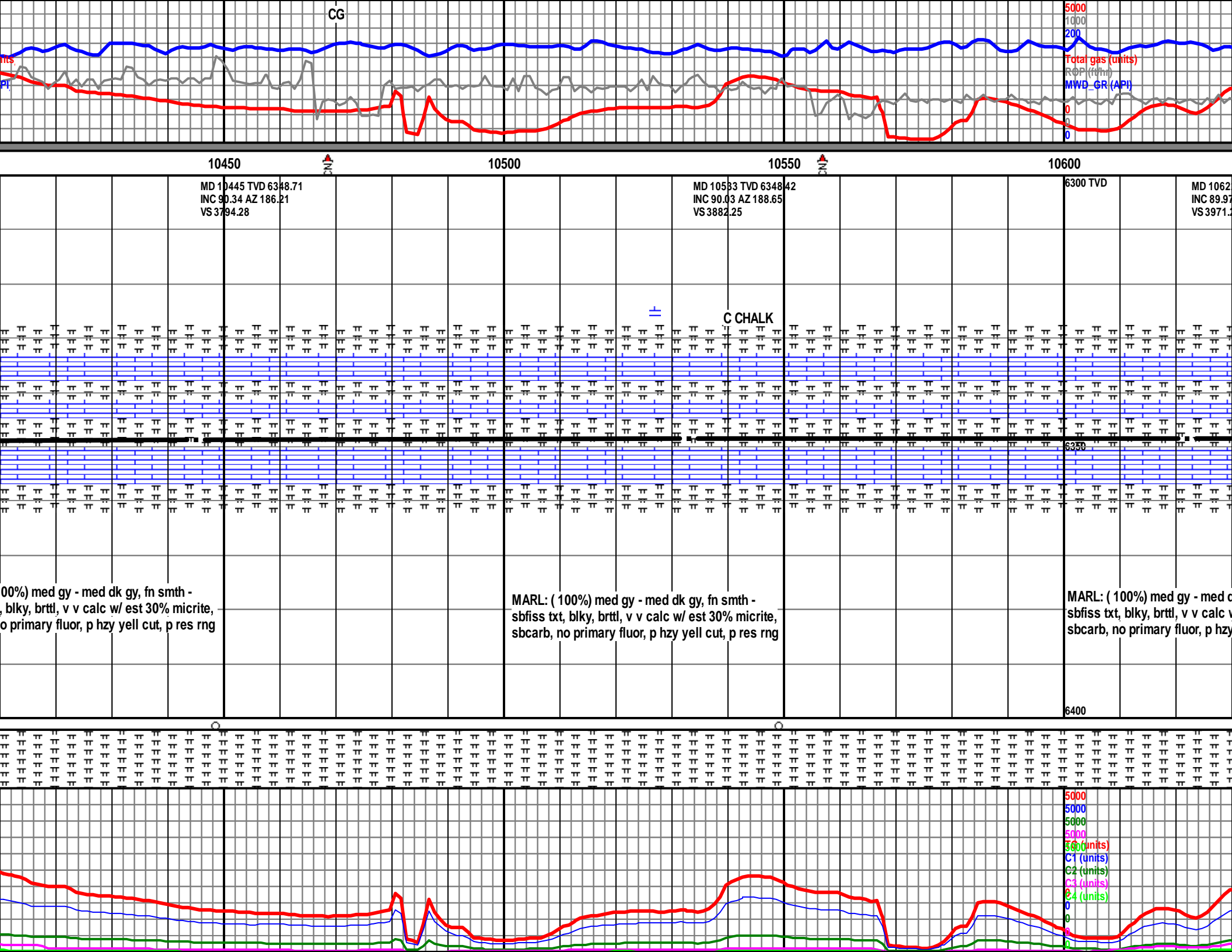


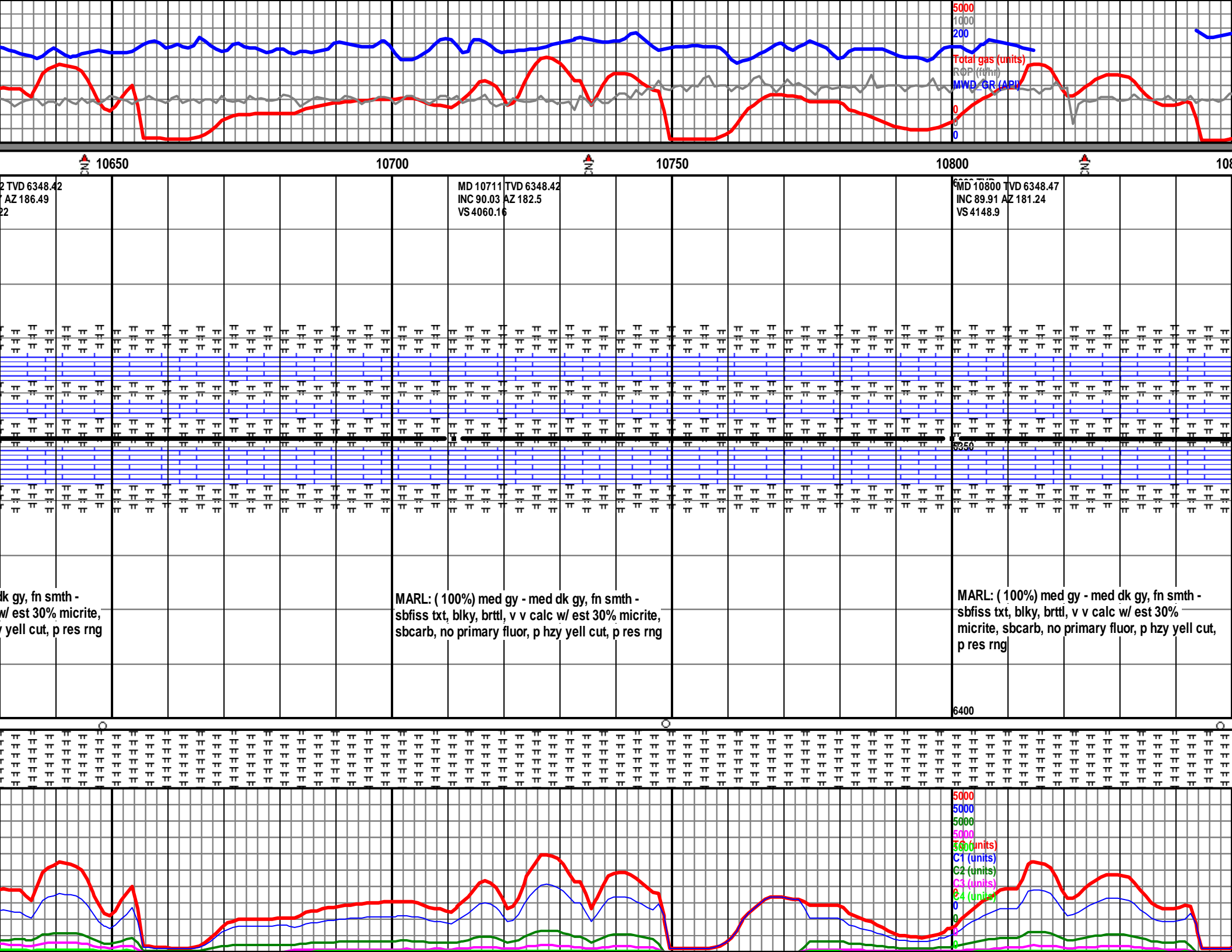


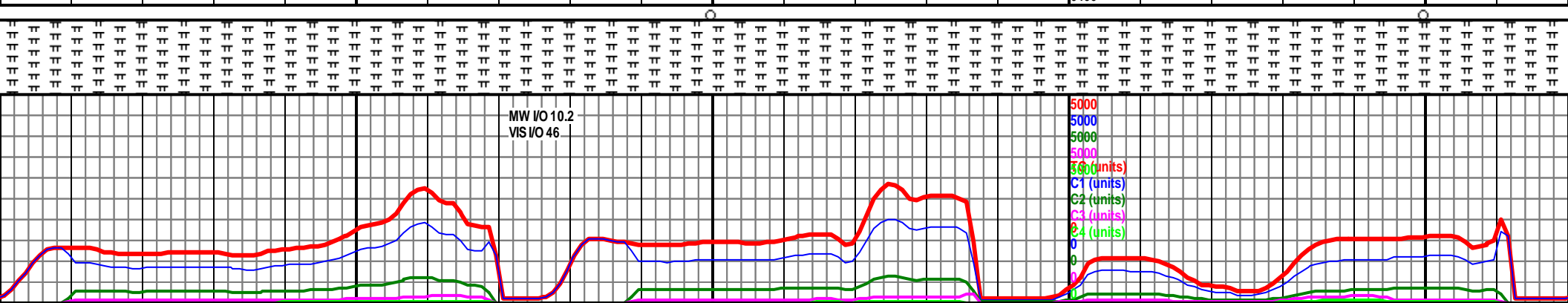


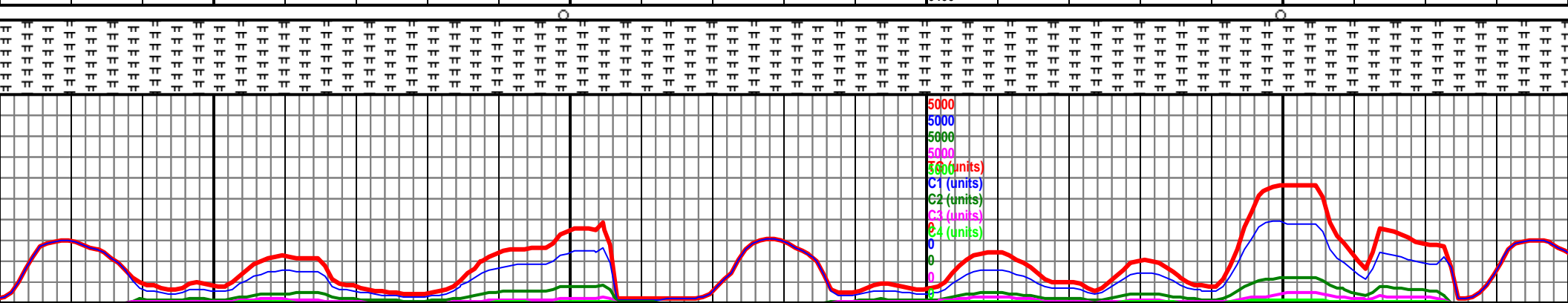
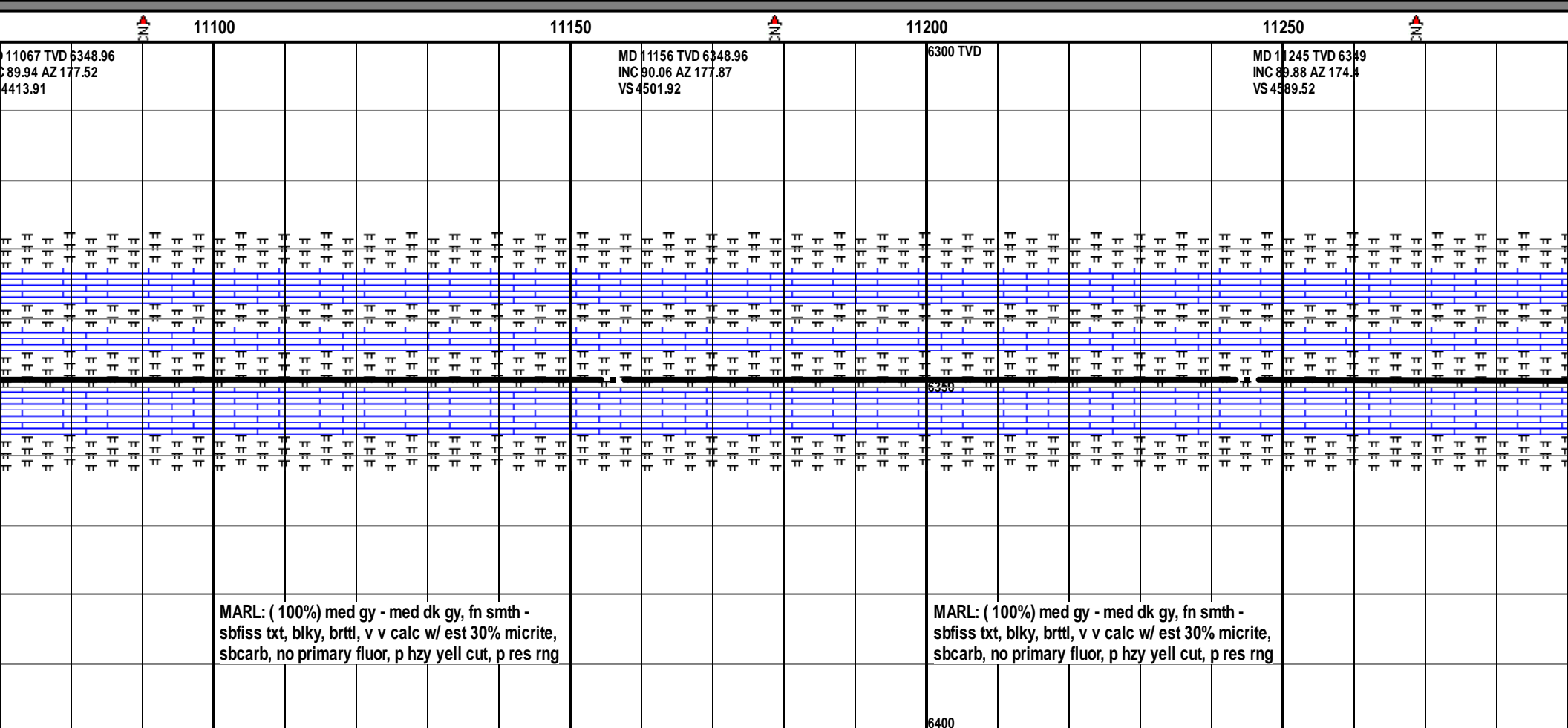
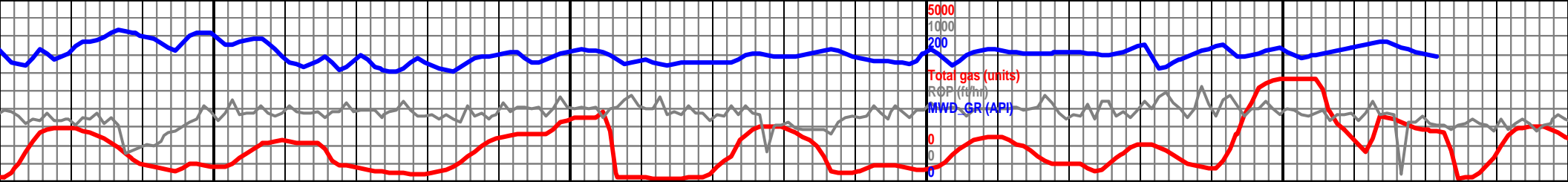


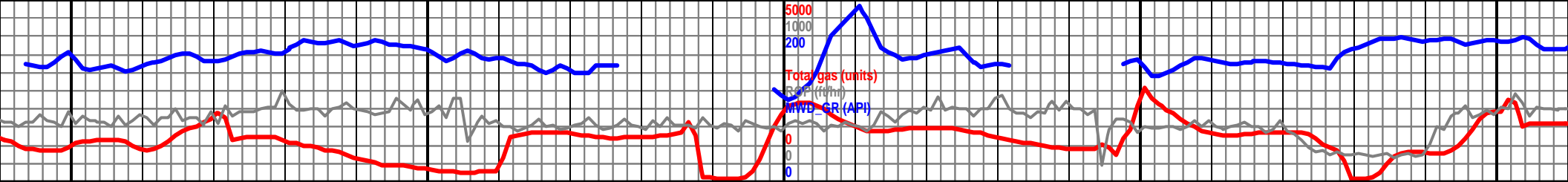












11300

11350

11400

11450

11500

MD 11334 TVD 6349.19
INC 89.88 AZ 173.2
VS 4676.43

6300 TVD

MD 11423 TVD 6349.31
INC 89.97 AZ 172.63
VS 4763.03

13.5' Up Fault

C CHALK

C Chalk

MARL: (90%) med gy - med dk gy, fn smth -
sbflss txt, blk, brtl, v v calc w/ est 30% micrite,
sbcarb, no primary fluor, p hzy yell cut, p res rng

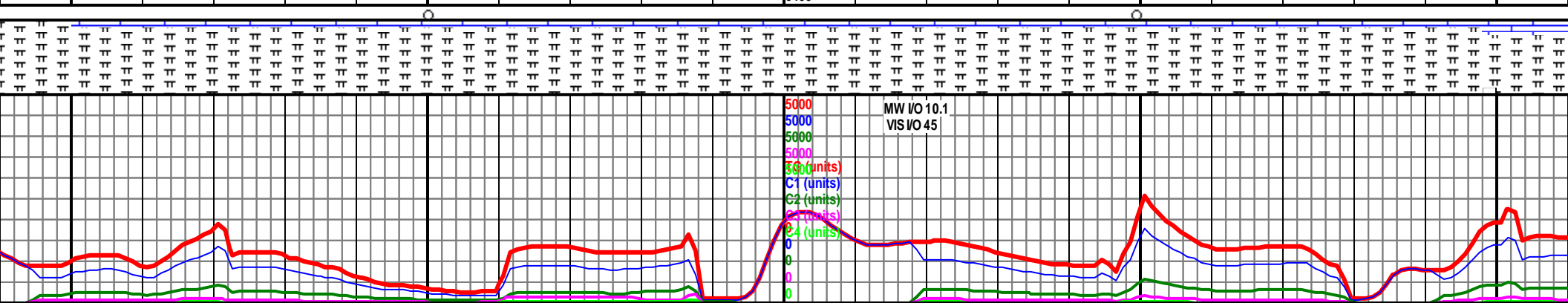
CHLK: (10%)

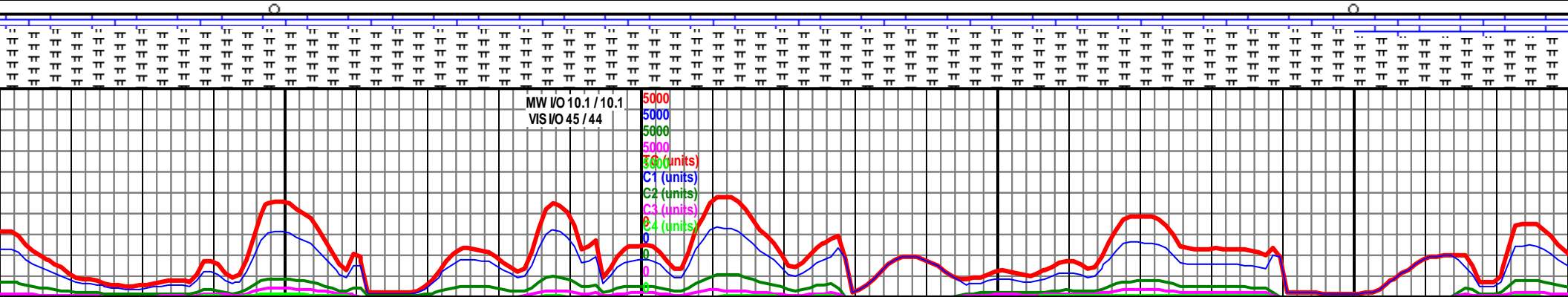
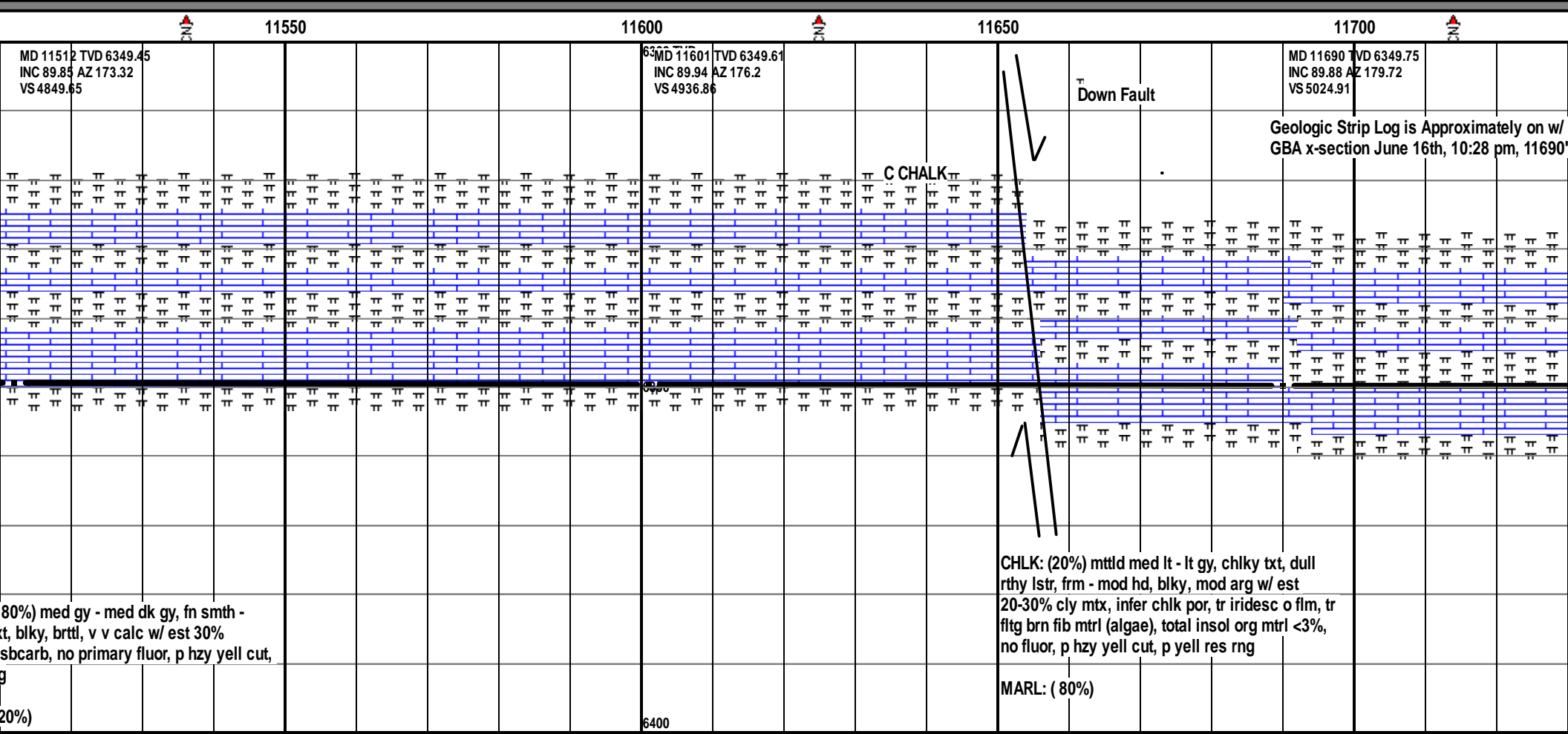
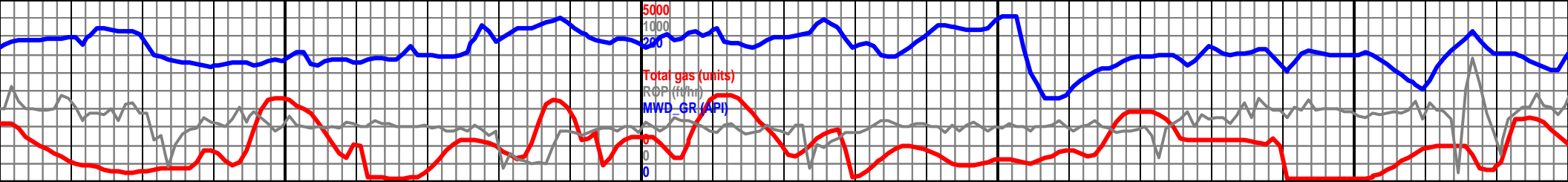
MARL: (90%) med gy - med dk gy, fn smth -
sbflss txt, blk, brtl, v v calc w/ est 30% micrite,
sbcarb, no primary fluor, p hzy yell cut, p res rng

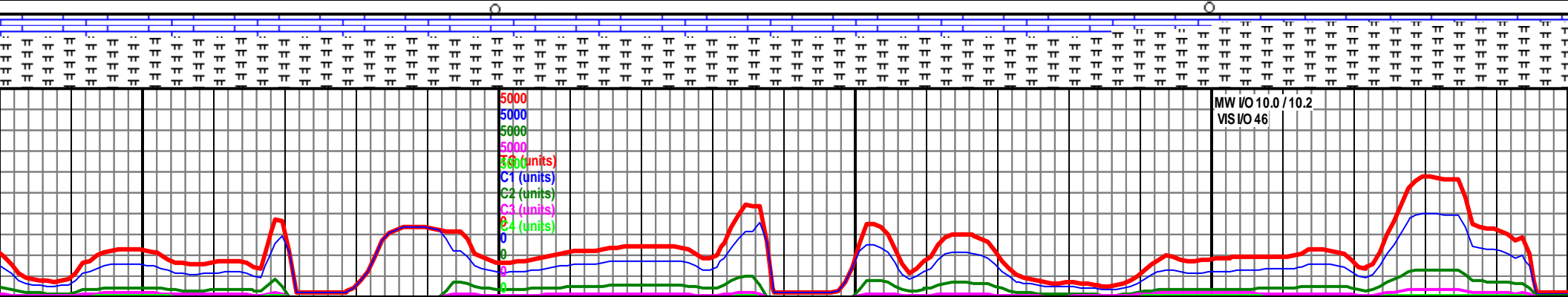
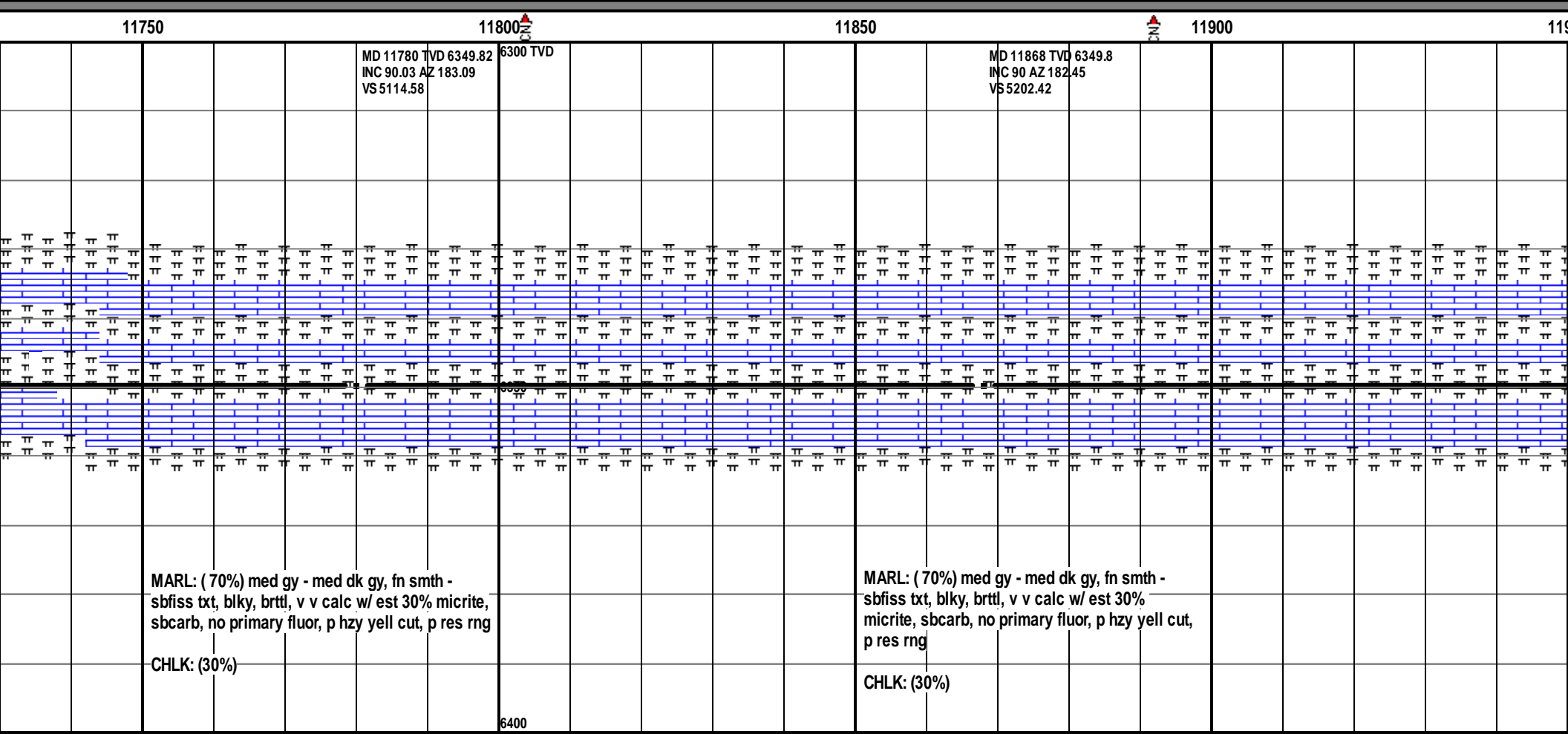
CHLK: (10%)

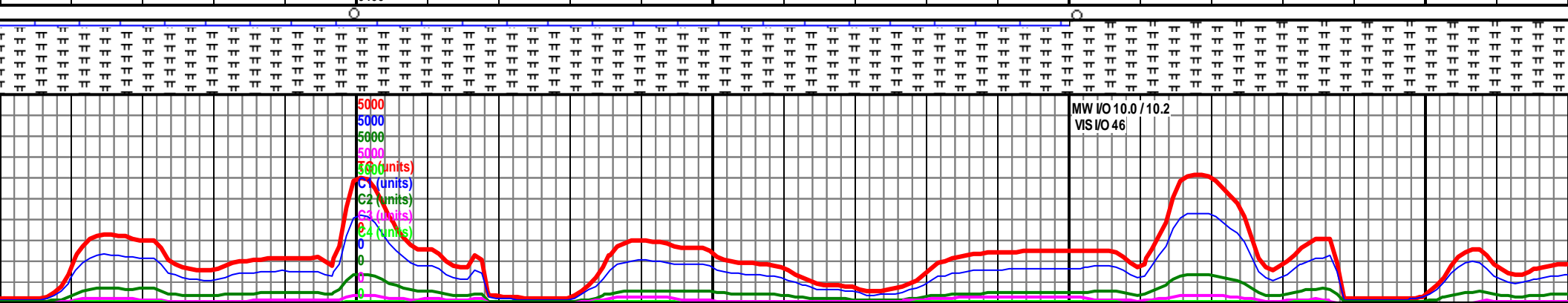
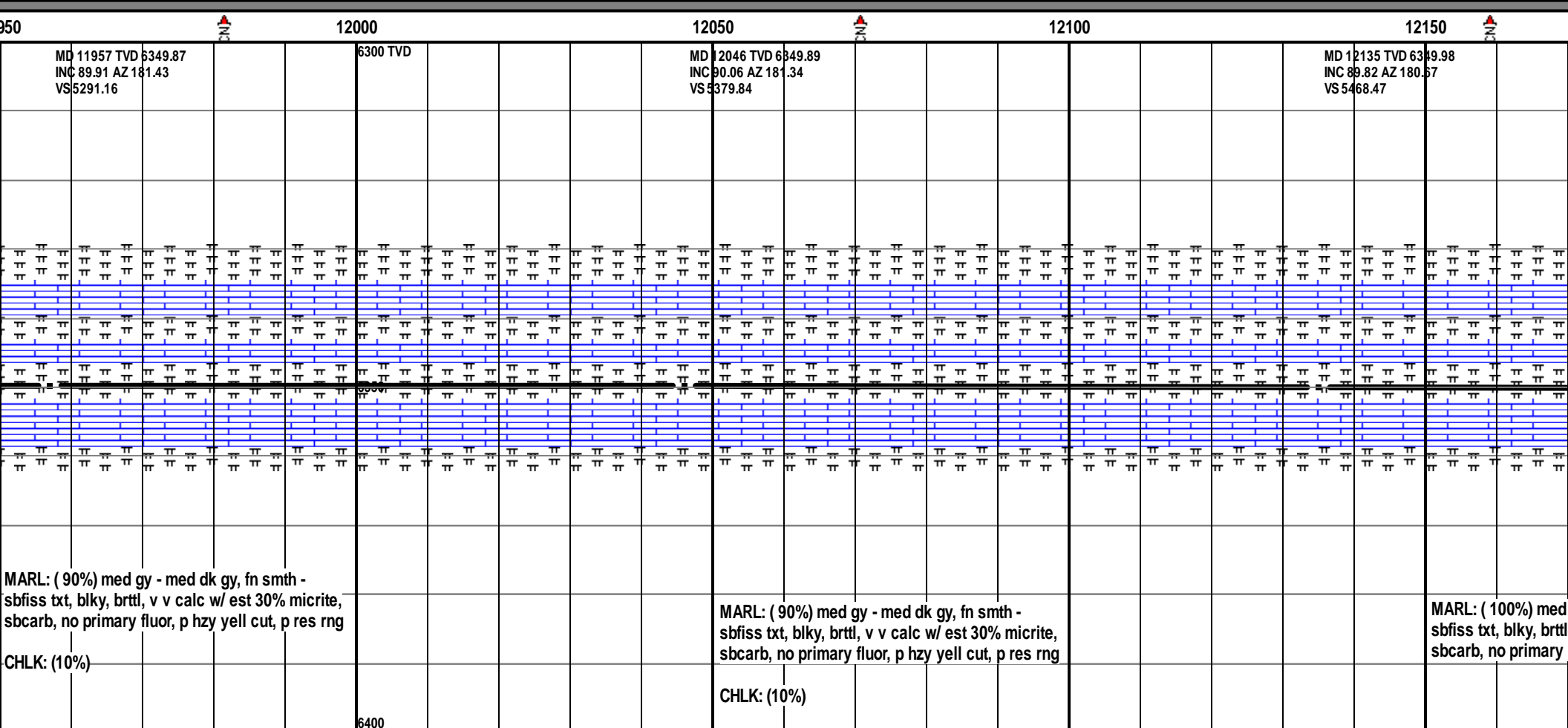
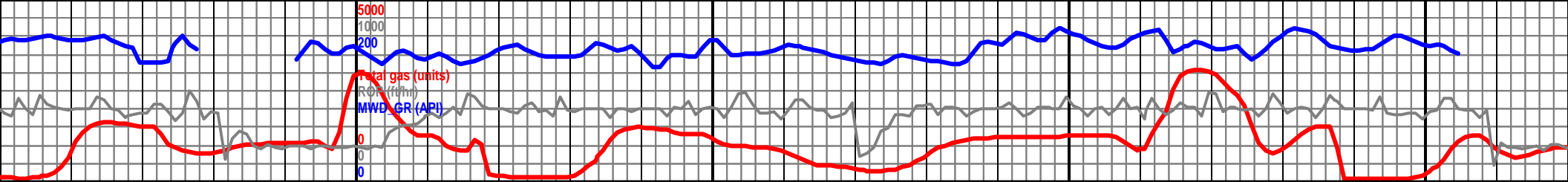
MARL: (90%) med gy - med dk gy, fn smth -
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sbcarb, no primary fluor, p hzy yell cut, p res rng

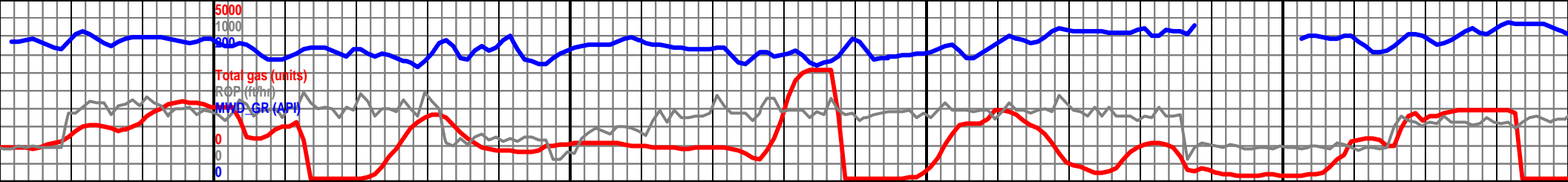
CHLK: (10%)











12200

12250

12300

12350

6300 TVD

MD 12224 TVD 6350.15
INC 89.97 AZ 181.04
VS 5557.08

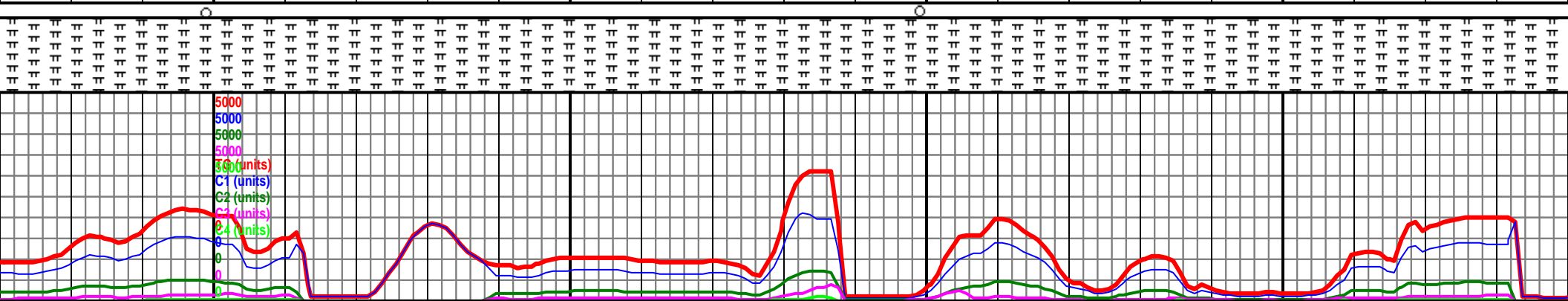
MD 12313 TVD 6350.24
INC 89.91 AZ 182.05
VS 5645.77

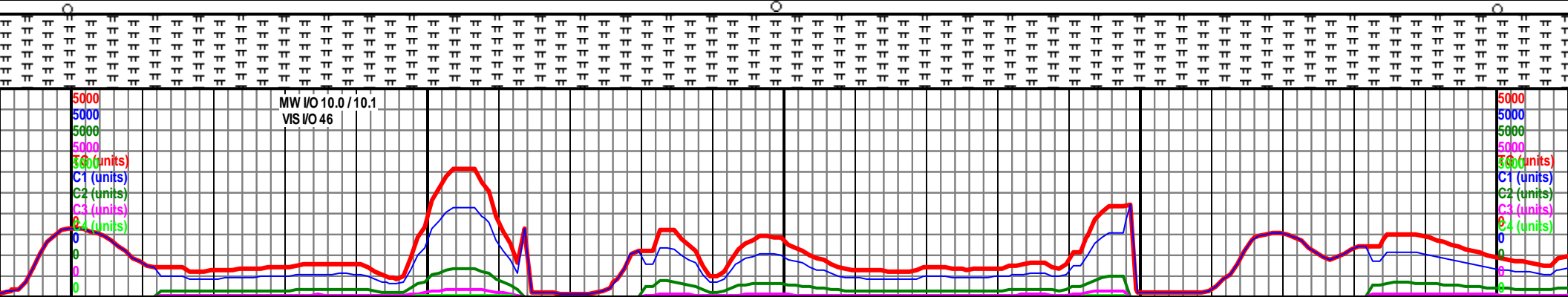
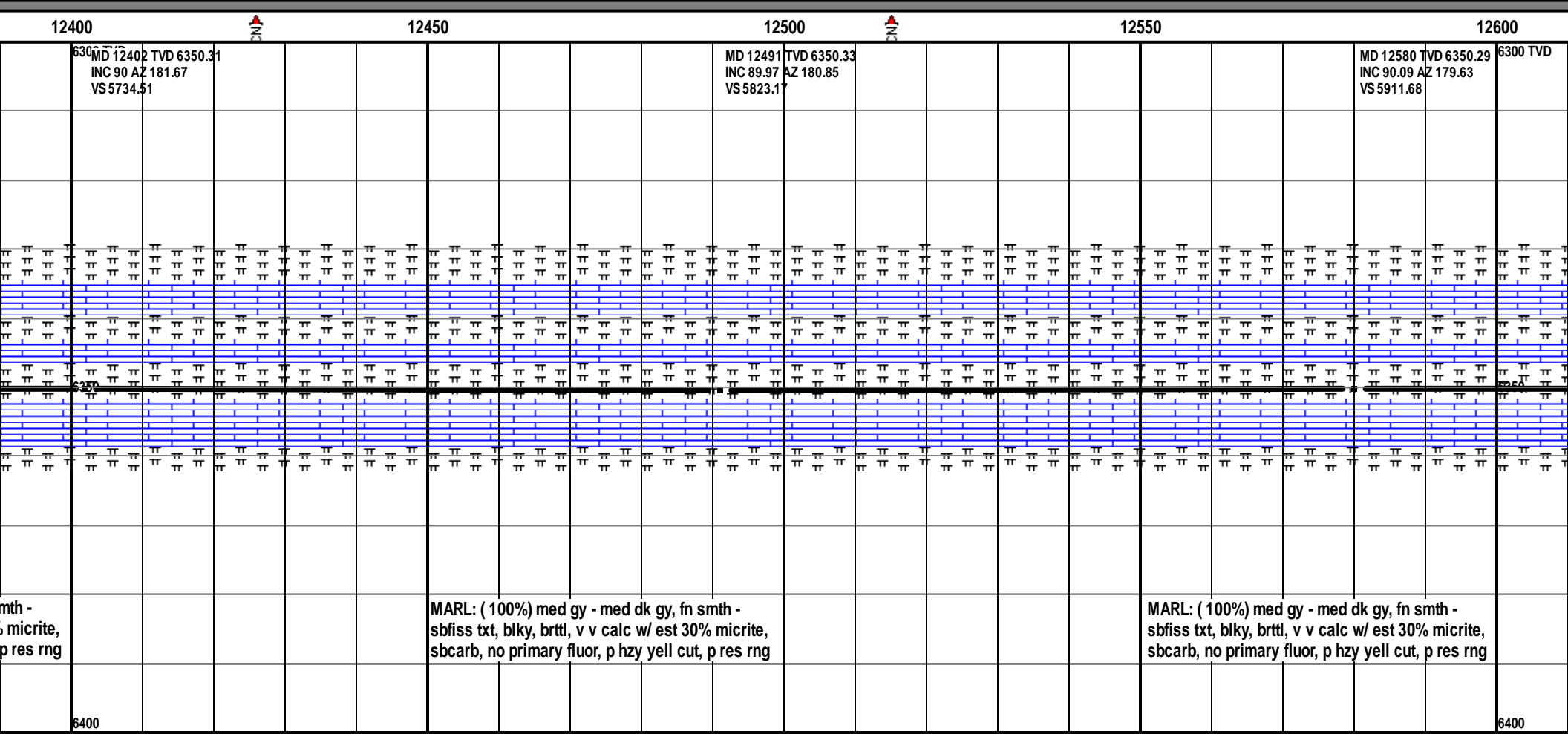
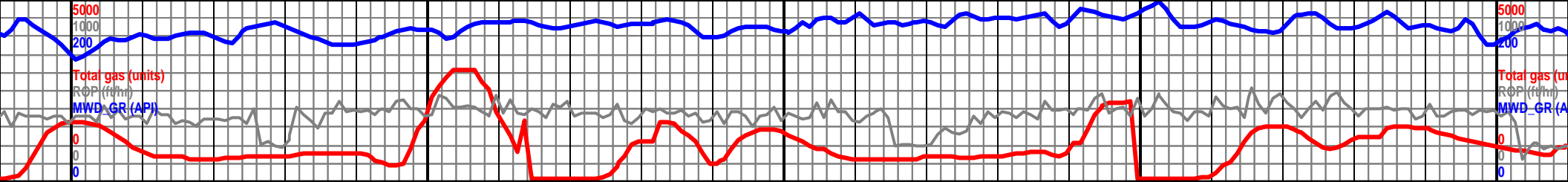
gy - med dk gy, fn smth -
, v v calc w/ est 30% micrite,
fluor, p hzy yell cut, p res rng

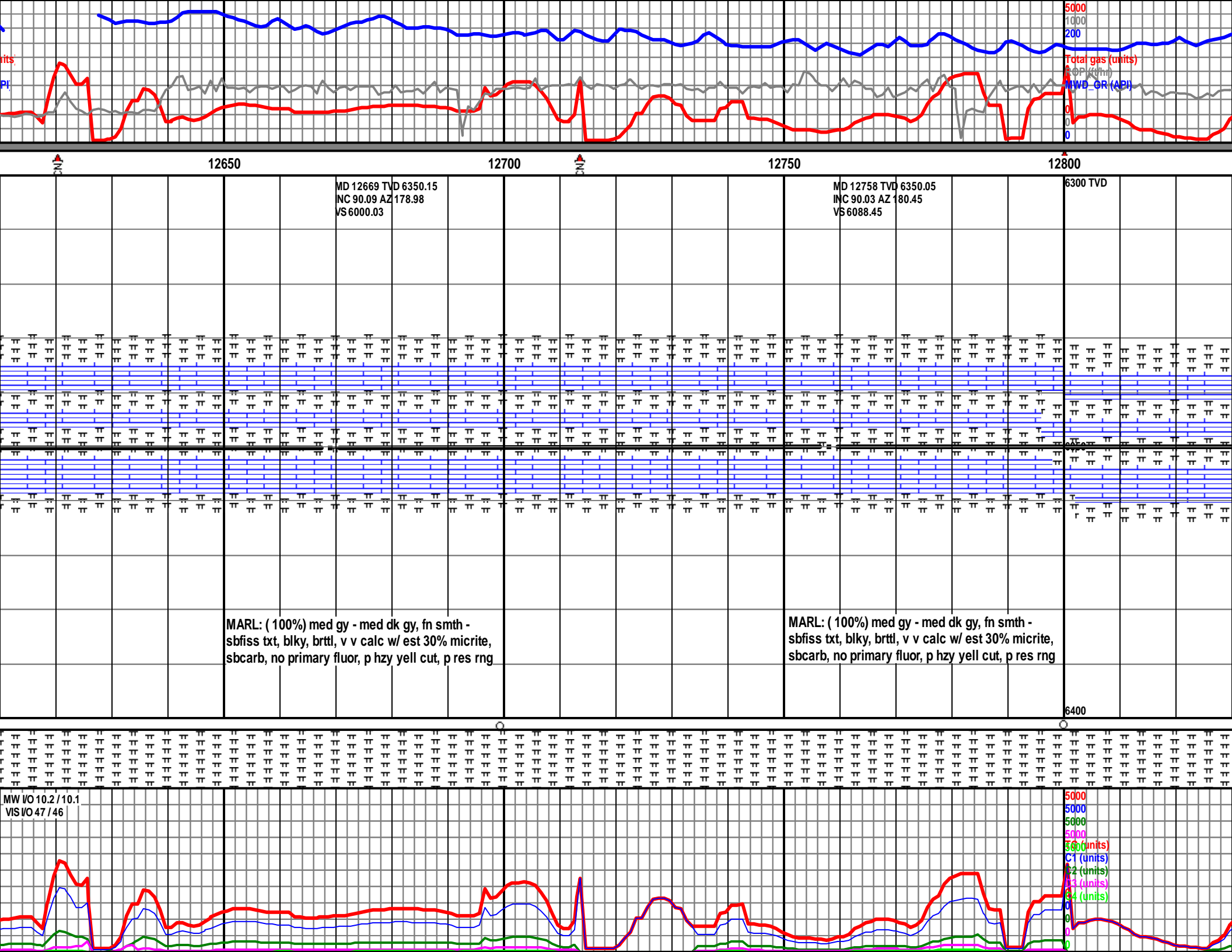
MARL: (100%) med gy - med dk gy, fn smth -
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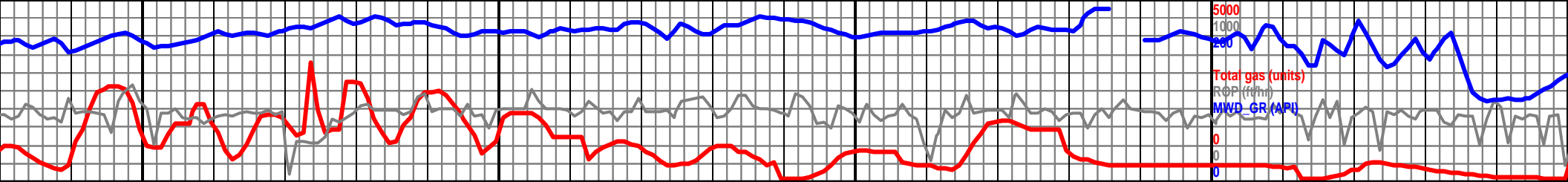
MARL: (100%) med gy - med dk gy, fn smth -
sbfiss txt, blk, brttl, v v calc w/ est 30% micrite,
sbcarb, no primary fluor, p hzy yell cut, p res rng

6400









12850

12900

12950

13000

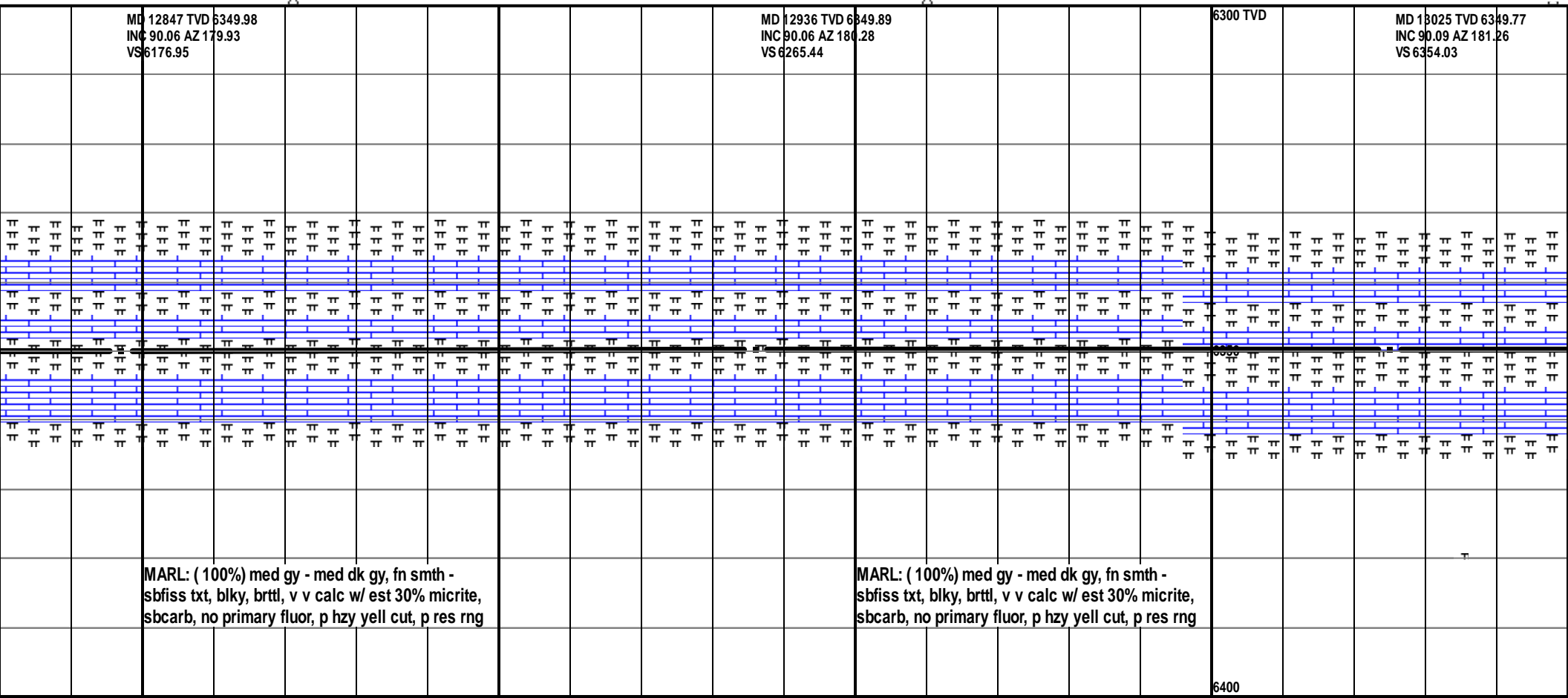
13050

MD 12847 TVD 6349.98
INC 90.06 AZ 179.93
VS 6176.95

MD 12936 TVD 6349.89
INC 90.06 AZ 180.28
VS 6265.44

6300 TVD

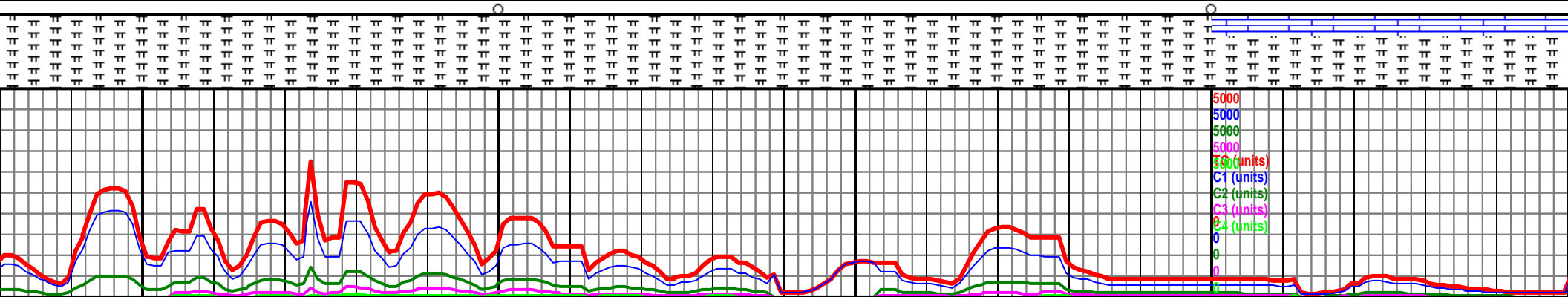
MD 13025 TVD 6349.77
INC 90.09 AZ 181.26
VS 6354.03



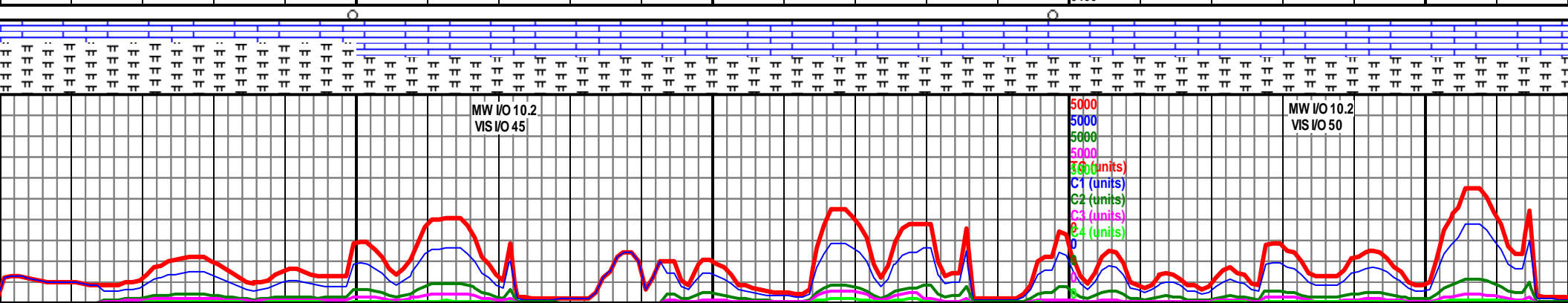
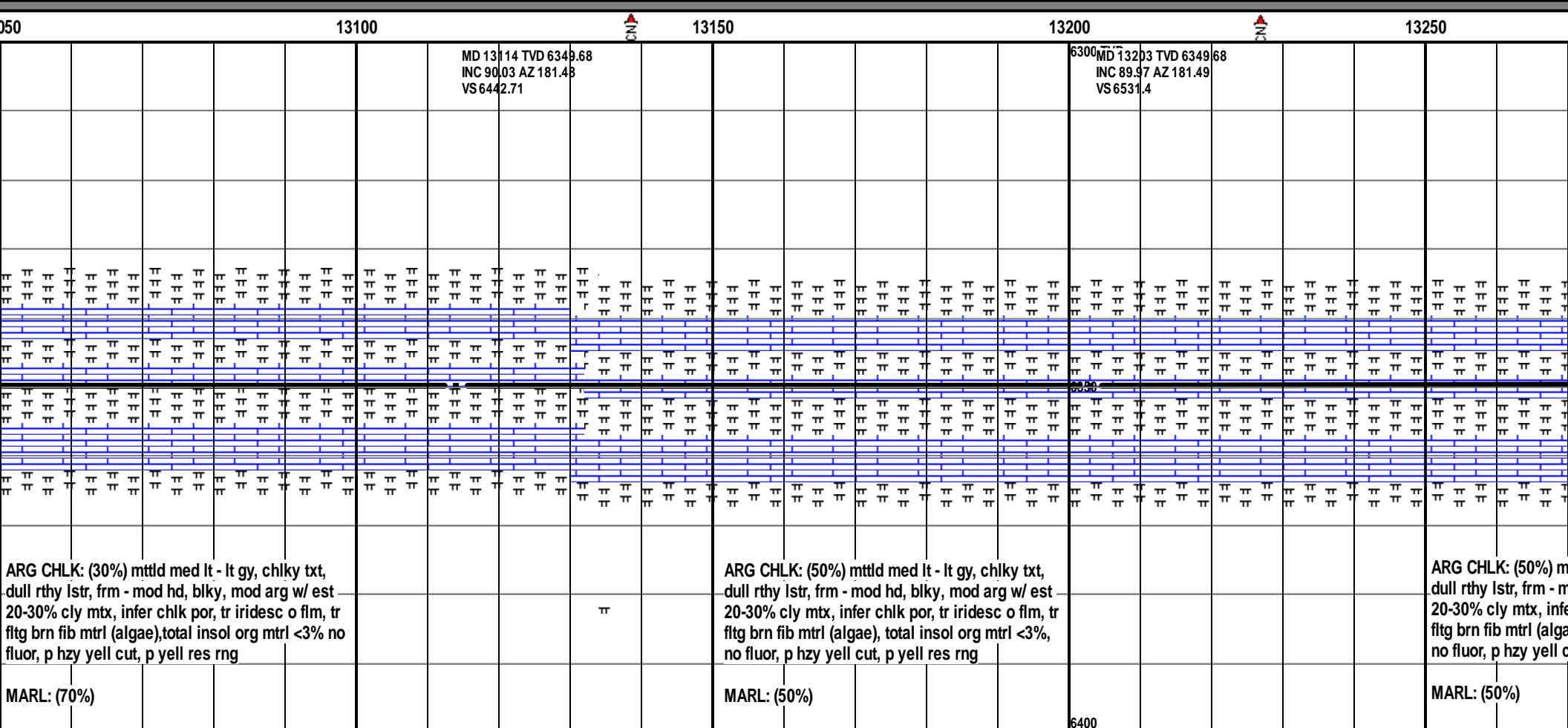
MARL: (100%) med gy - med dk gy, fn smth -
sbfiss txt, blk, brtl, v v calc w/ est 30% micrite,
sbcarb, no primary fluor, p hzy yell cut, p res rng

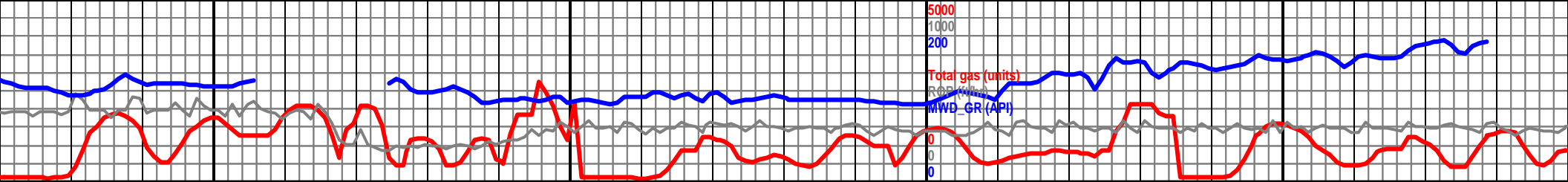
MARL: (100%) med gy - med dk gy, fn smth -
sbfiss txt, blk, brtl, v v calc w/ est 30% micrite,
sbcarb, no primary fluor, p hzy yell cut, p res rng

6400

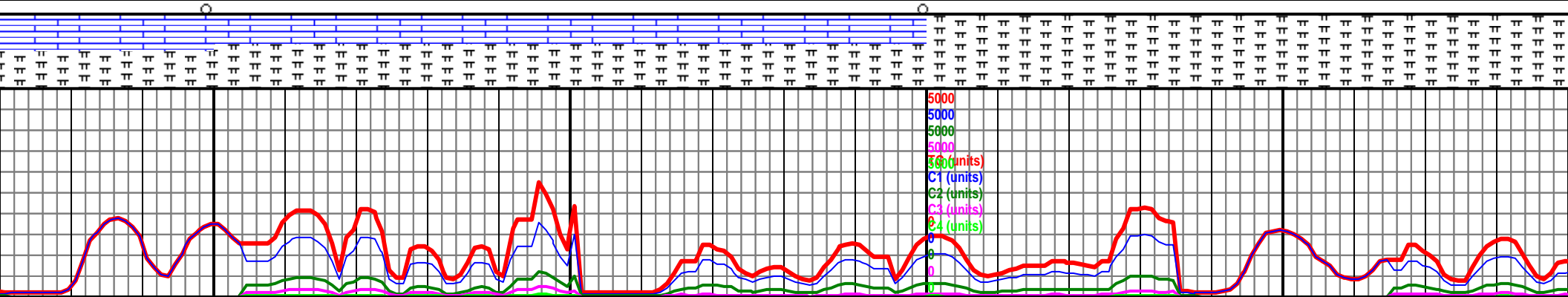


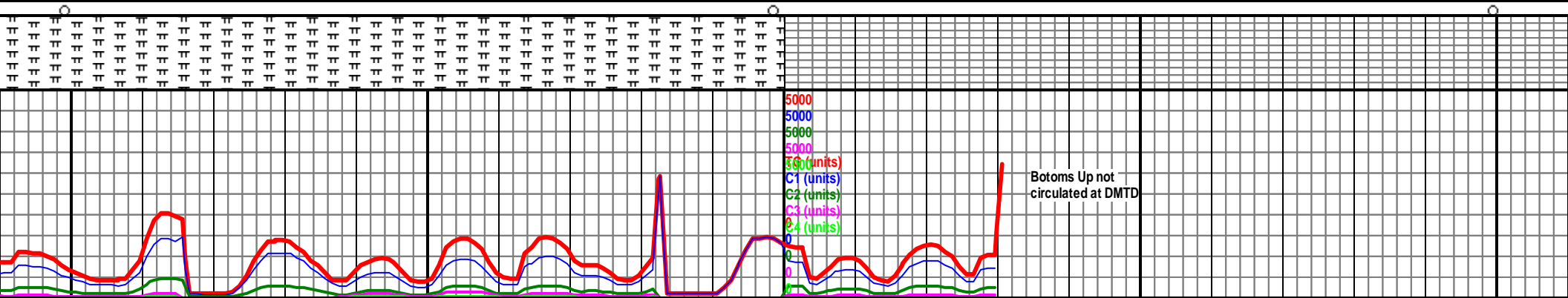
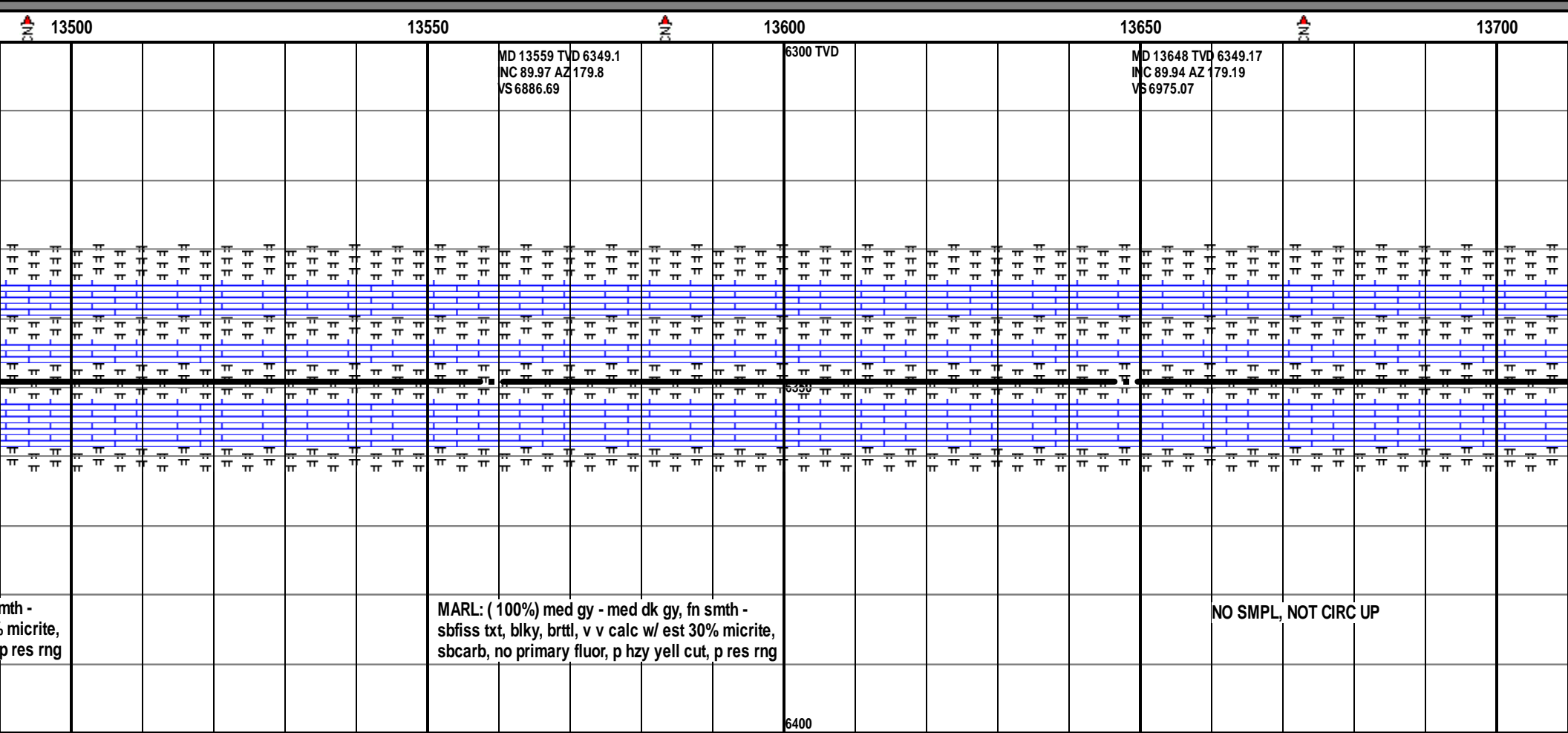
5000
5000
5000
5000
5000
C1 (units)
C2 (units)
C3 (units)
C4 (units)



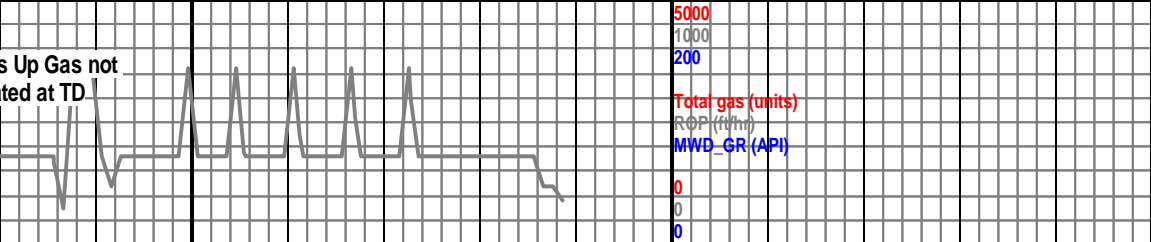


13300										13350										13400										13450																			
MD 13292 TVD 6349.53 INC 90.22 AZ 185.16 VS 6620.17																				MD 13382 TVD 6349.27 INC 90.12 AZ 185.41 VS 6710.26																				MD 13470 TVD 6349.13 INC 90.06 AZ 181.32 VS 6798.13									





s Up Gas not
ted at TD



13950				14000			
49.36		MD 13965 TVD 6349.36 INC 90 AZ 176.31 VS 7288.72		6300 TVD			14
				Reached DMTD 13,989 @09:19 am 06/17/17			