

Woolsey Operating Company, LLC

Scale 1:600 (2"=100") Metric
Measured Depth Log

Well Name: Spicer #1 H
Location: Section 11 - Township 34 South - Range 11 West
License Number: 15-007-23934-01-00 Region: Barber County KS
Spud Date: September 12, 2012 Drilling Completed:
Surface Coordinates: 175' FNL and 773' FWL
Approx. NW NE NW NW
Bottom Hole
Coordinates:
Ground Elevation (m): 1401' K.B. Elevation (m): 1417'
Logged Interval (m): 3800' To: 9069' Total Depth (m): 9069'
Formation: Kansas City Group -----> Mississippian
Type of Drilling Fluid: Chemical Mud, Water/Flo-Zan

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Woolsey Operating Company, LLC
Address: 125 N. Market Suite 1000
Wichita, Kansas 67202

GEOLOGIST

Name: Bill Klaver
Company: Woolsey Operating Company, LLC
Address: 125 N. Market Suite 1000
Wichita, Kansas 67202


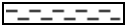

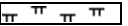
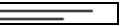
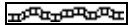




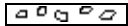









Drilling Info

Gas Detector: Woolsey Operating Co. Gas Trailer #2
 Drilling Fluid Program: Mud-Co. Brad Bortz, Engineer
 Calmena Directional Drillers: Heath Foster, Mark Sanders
 MWD Hands: Shane Lewis, Peter Lancaster

Crews
















Toolpusher: Mitch Sovia, Sammy Fry, relief
 Drillers: (12 hour tours) Johnnie Stone, Terry Stark, David Herring, Jeffery Meyers. Assorted Okie roughnecks.




ROCK TYPES

	Anhy		Clyst		Gyp		Mrlst		Shgy
	Bent		Coal		Igne		Salt		Sltst
	Brec		Congl		Lmst		Shale		Ss
	Cht		Dol		Meta		Shcol		Till
















ACCESSORIES







MINERAL

	Anhy
	Arggrn
	Arg
	Bent
	Bit
	Brecfrag
	Calc
	Carb
	Chtdk
	Chtlt
	Dol
	Feldspar
	Ferrpel
	Ferr
	Glau

	Gyp
	Hvymin
	Kaol
	Marl
	Minxl
	Nodule
	Phos
	Pyr
	Salt
	Sandy
	Silt
	Sil
	Sulphur
	Tuff

FOSSIL

	Algae
	Amph
	Belm
	Bioclst
	Brach
	Bryozoa
	Cephal
	Coral
	Crin
	Echin
	Fish
	Foram
	Fossil
	Gastro
	Oolite












	Ostra
	Pelec
	Pellet
	Pisolite
	Plant
	Strom

STRINGER

	Anhy
	Arg
	Bent
	Coal
	Dol
	Gyp
	Ls
	Mrst

	Sltstrg
	Ssstrg

TEXTURE

	Boundst
	Chalky
	Cryxln
	Earthy
	Finexln
	Grainst
	Lithogr
	Microxln
	Mudst
	Packst
	Wackest

OTHER SYMBOLS

POROSITY

- E Earthy
- F Fenest
- F Fracture
- X Inter
- M Moldic
- O Organic
- P Pinpoint

V Vuggy

SORTING

- W Well
- M Moderate
- P Poor

ROUNDING

- R Rounded
- S Subrnd
- a Subang
- A Angular

OIL SHOW

- Even

● Spotted

- Ques
- ▽ Dead

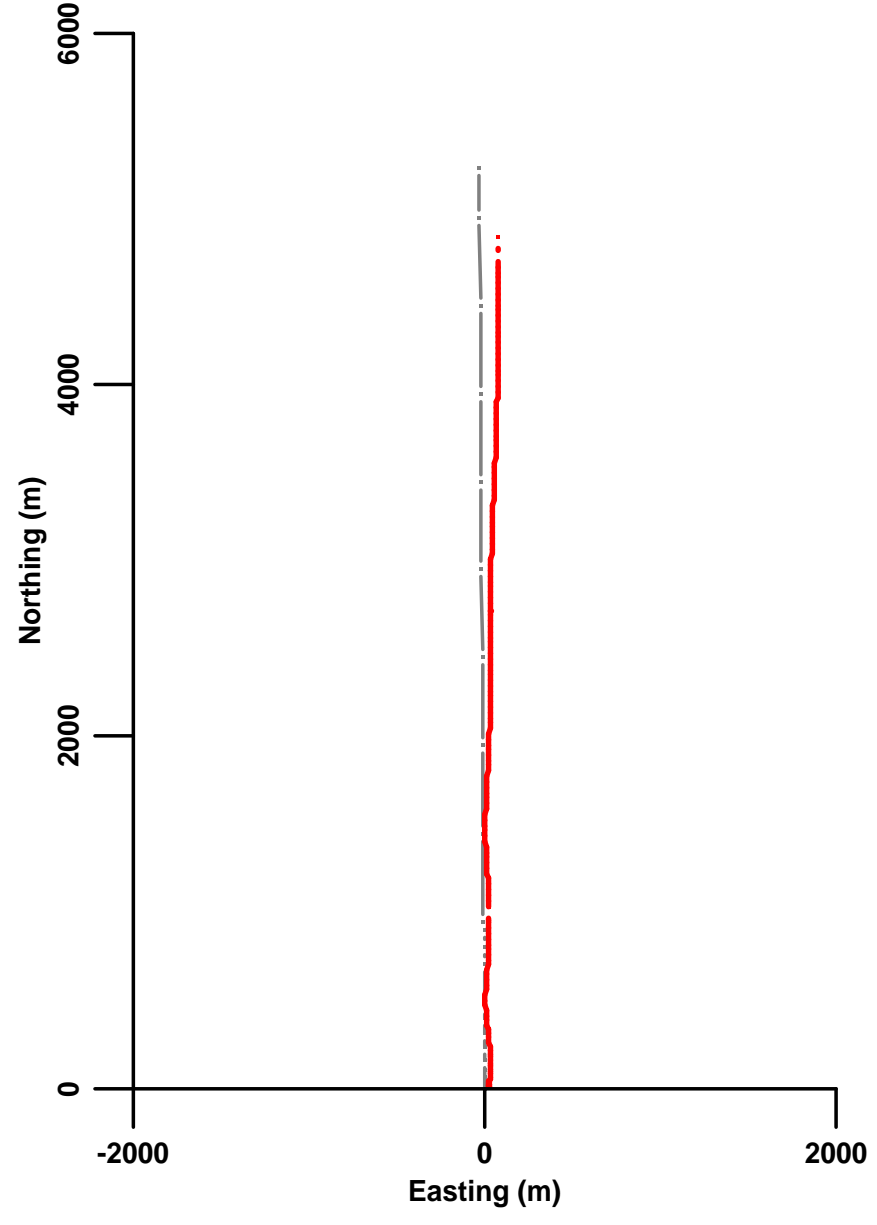
INTERVAL

- Core
- Dst

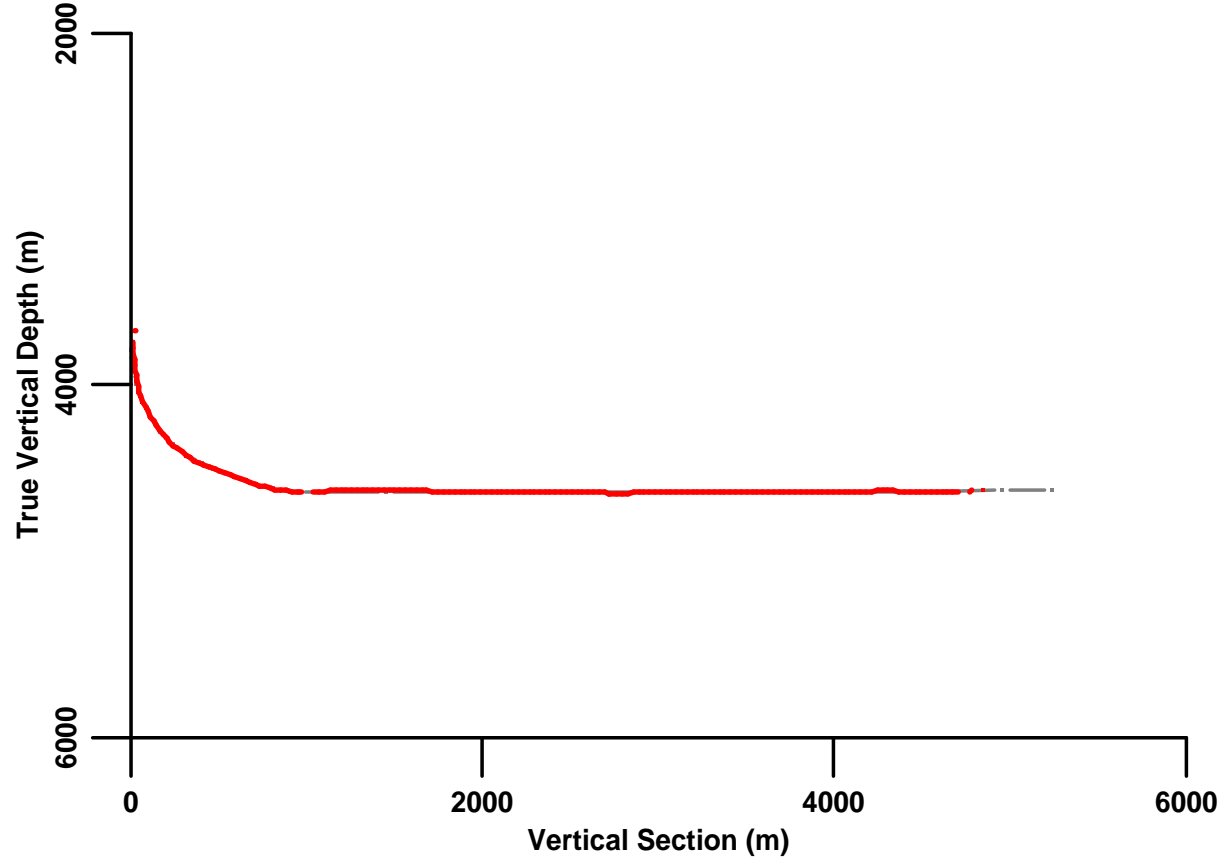
EVENT

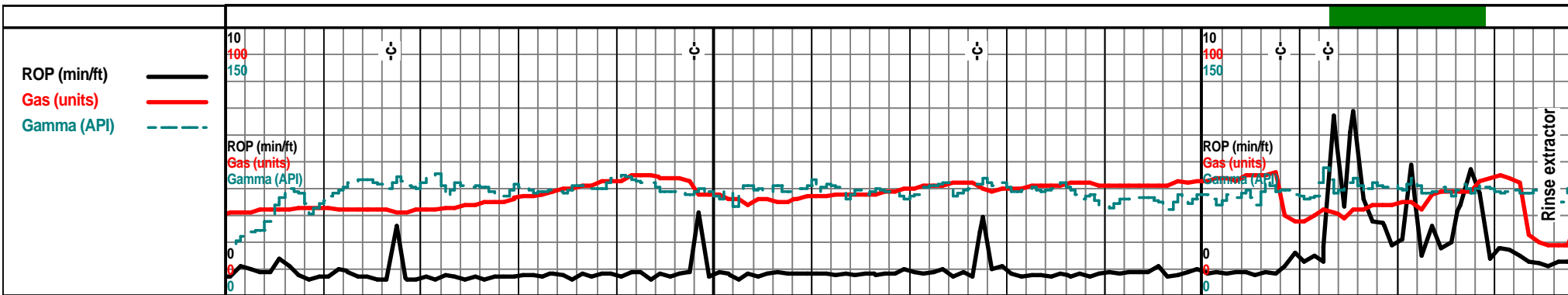
- ▽ Rft
- ▽ Sidewall

Plan



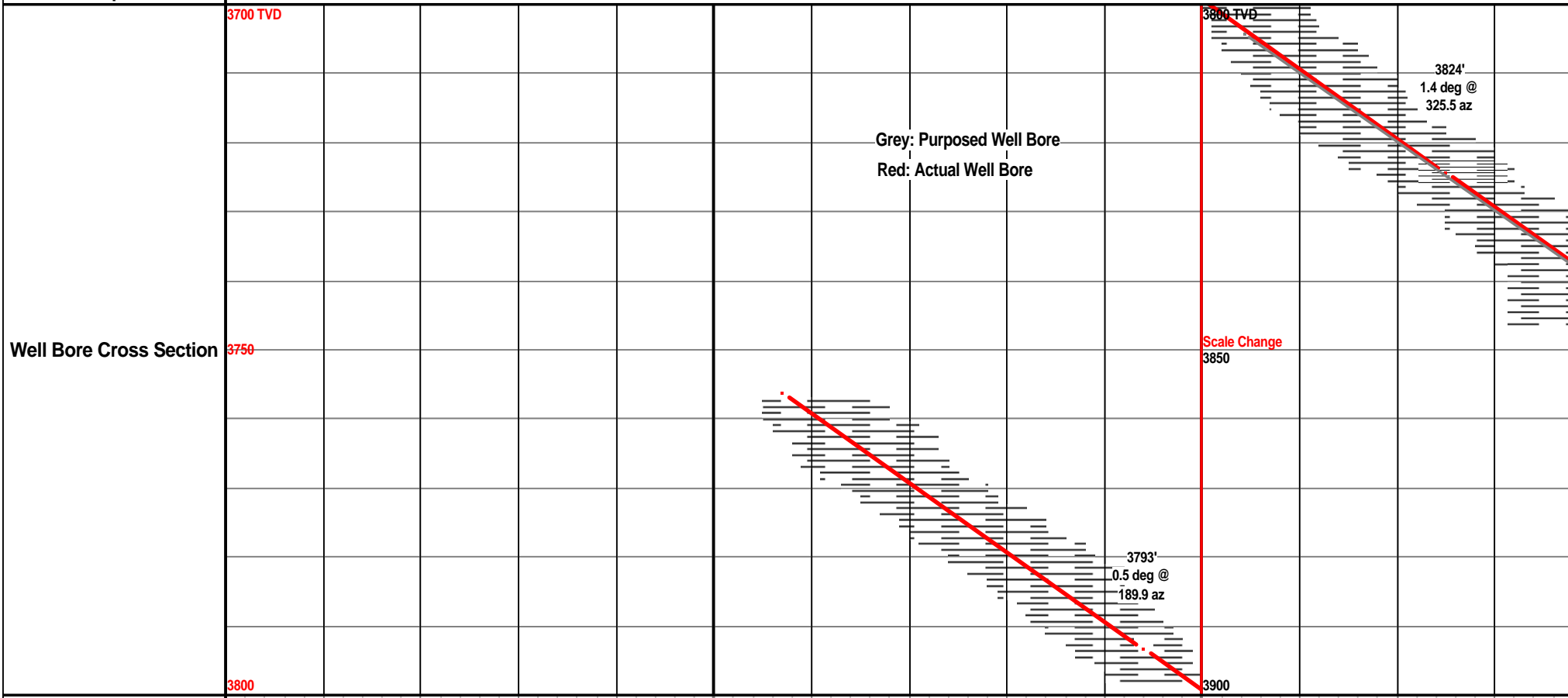
Elevation



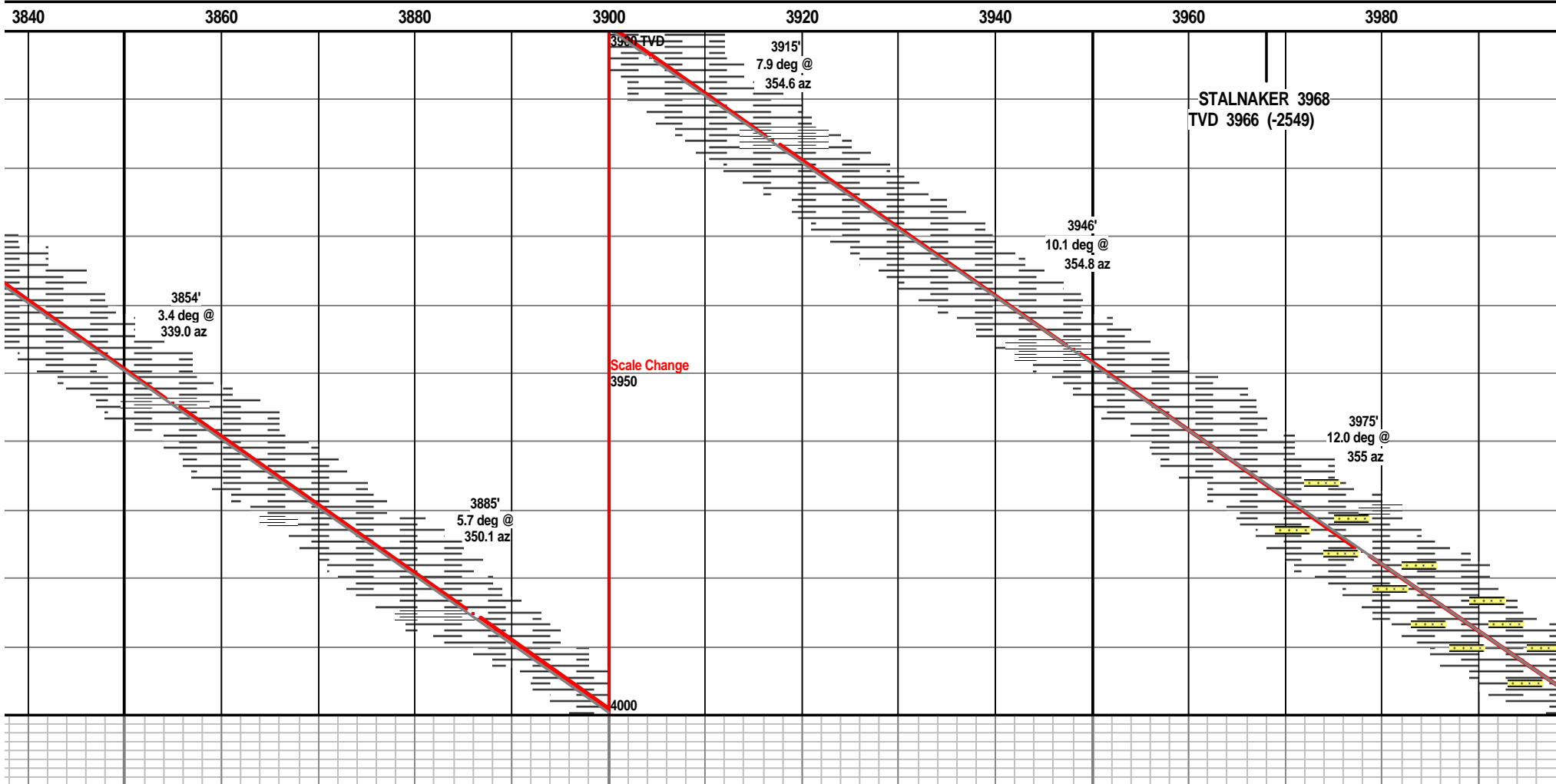
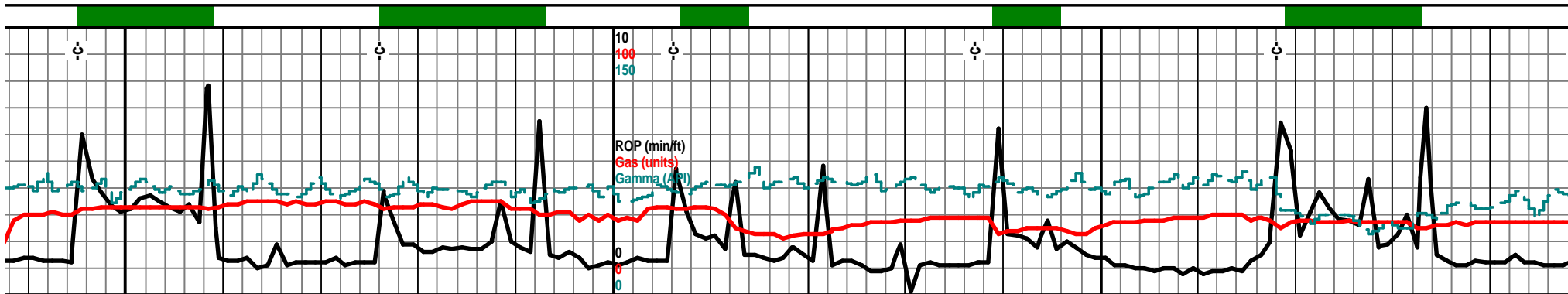


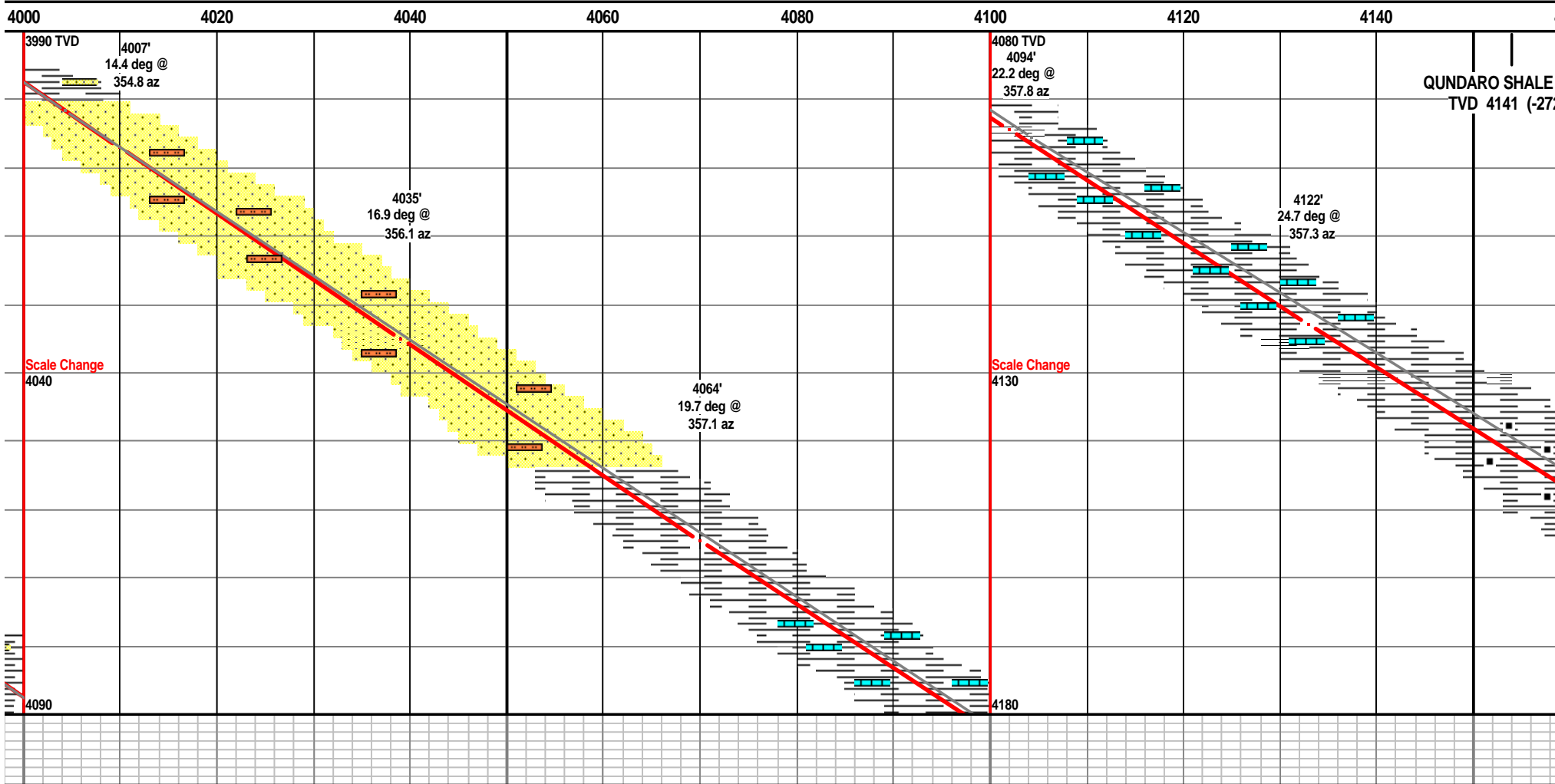
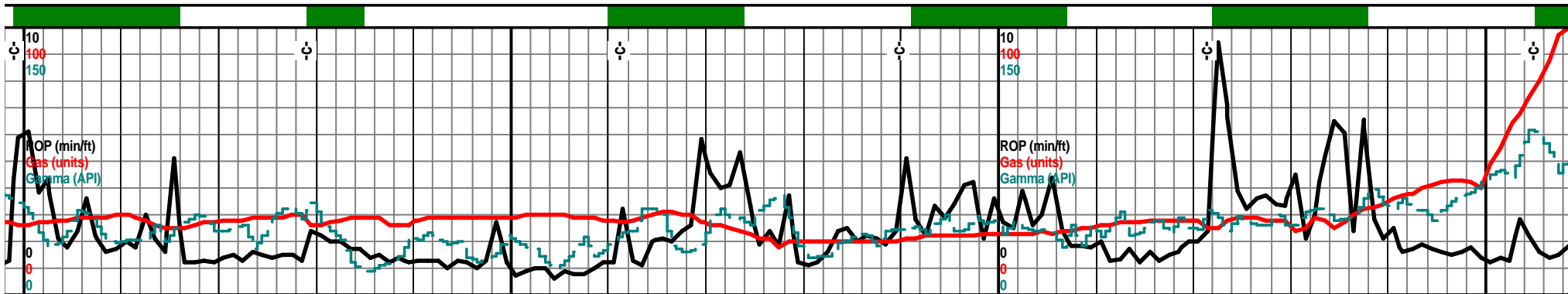
Oil Shows

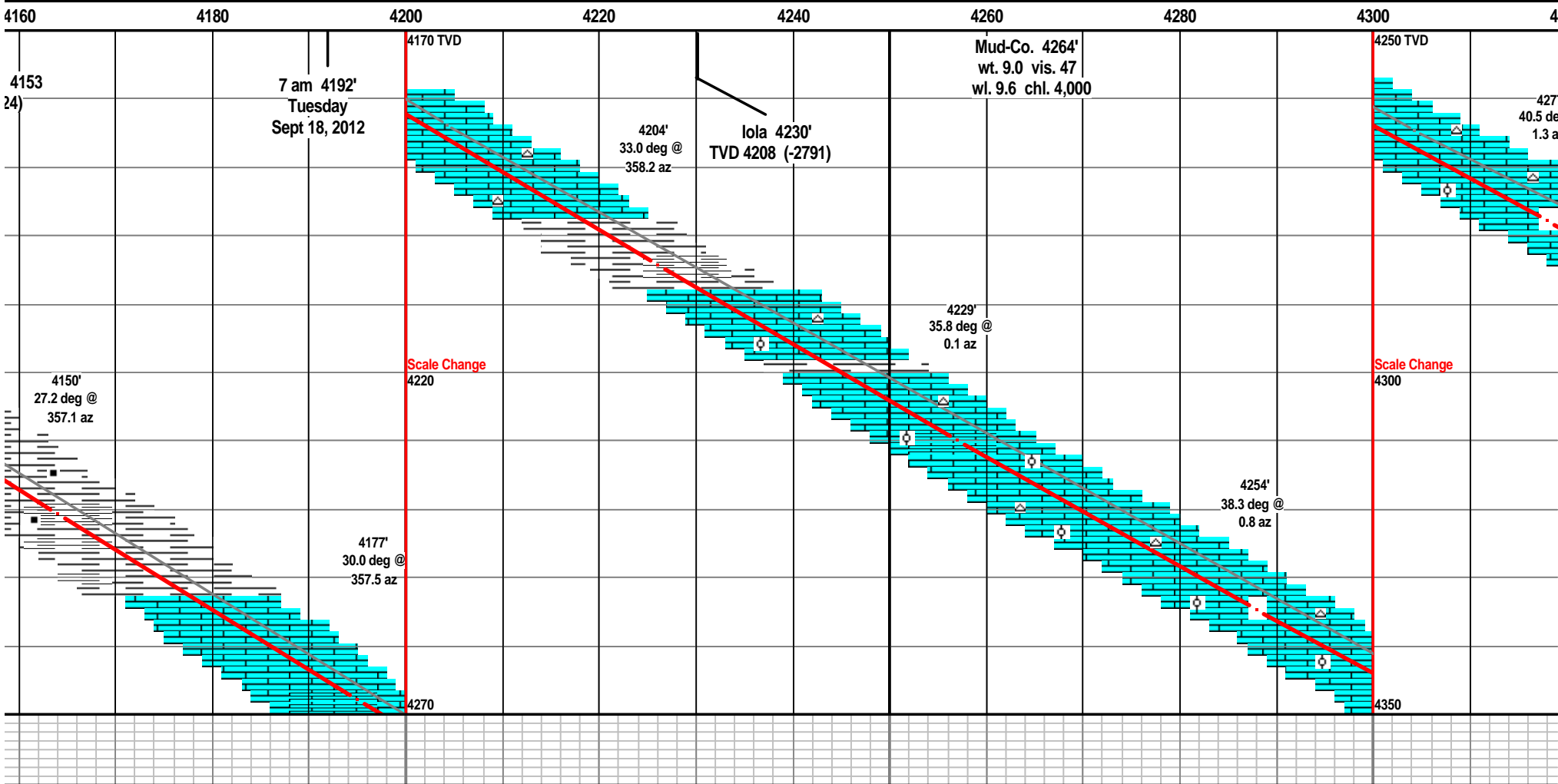
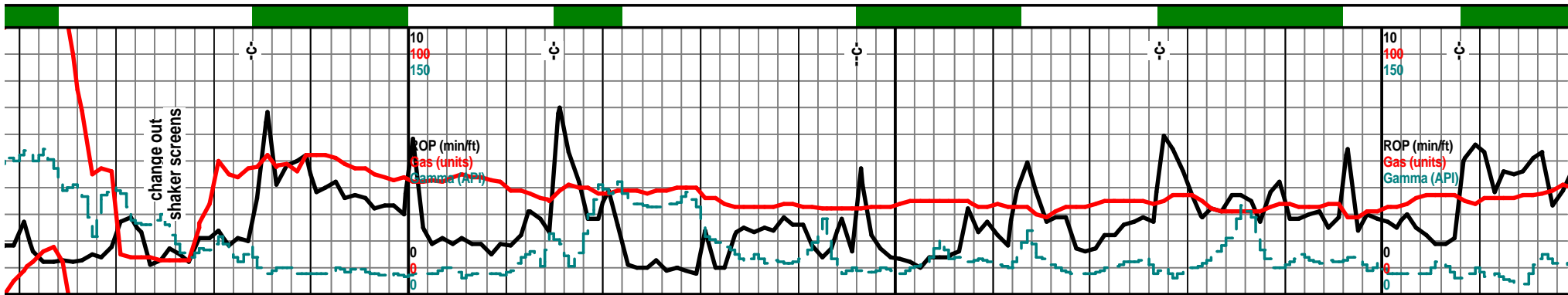
Depth 00 3720 3740 3760 3780 3800 3820

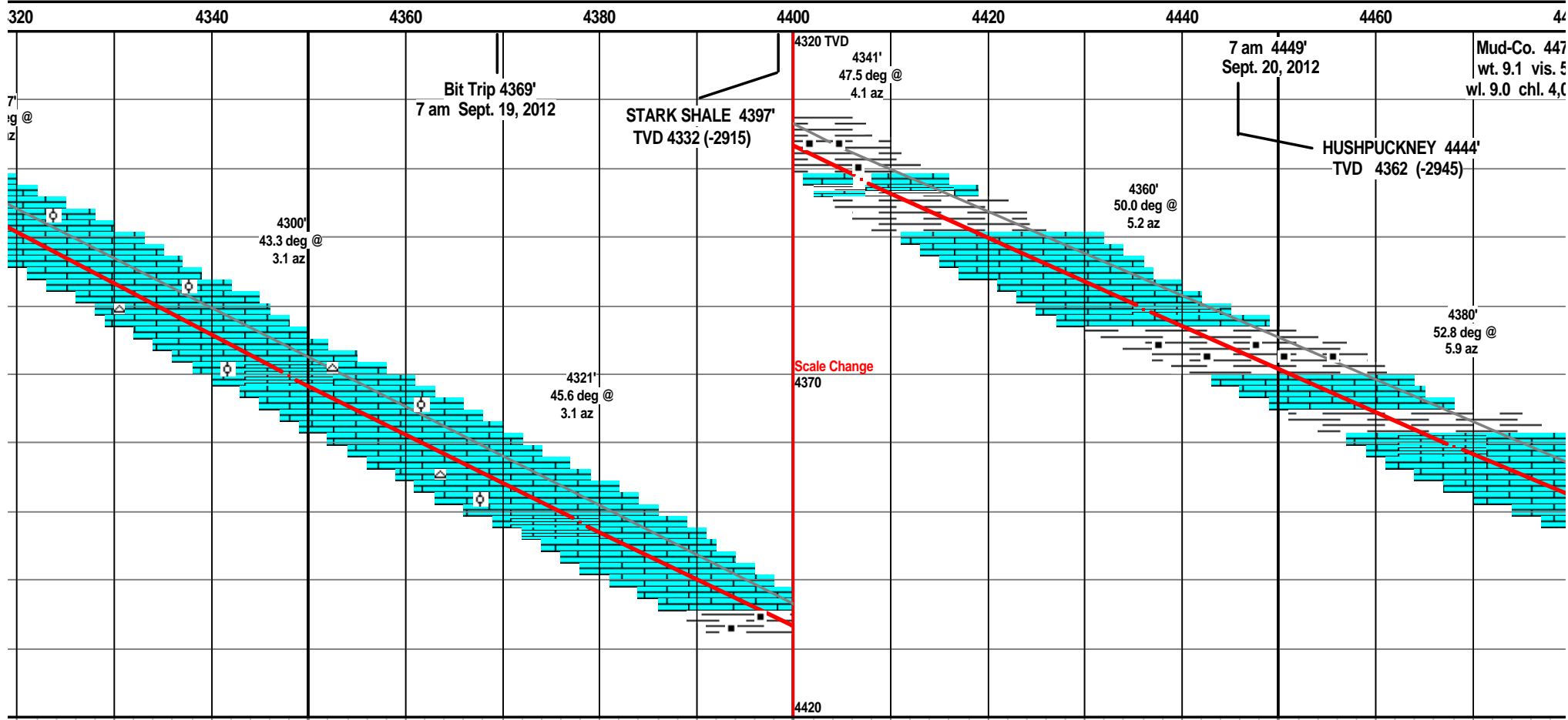
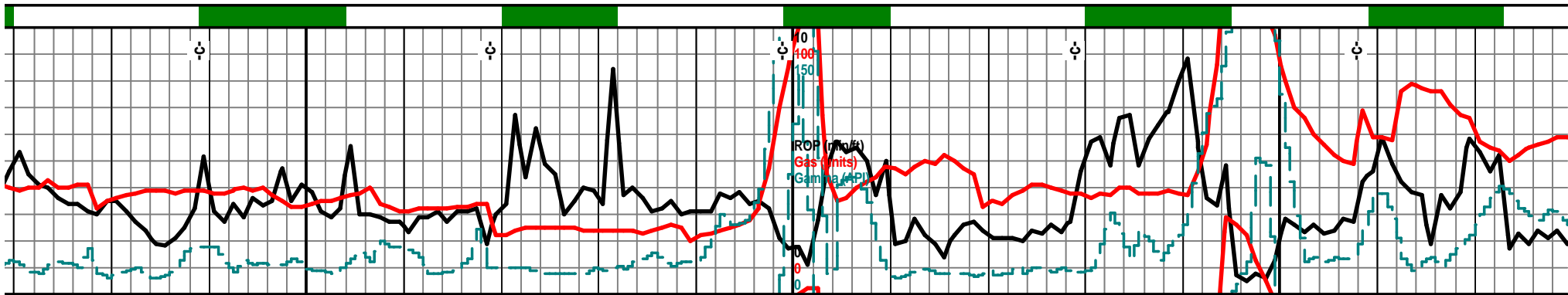


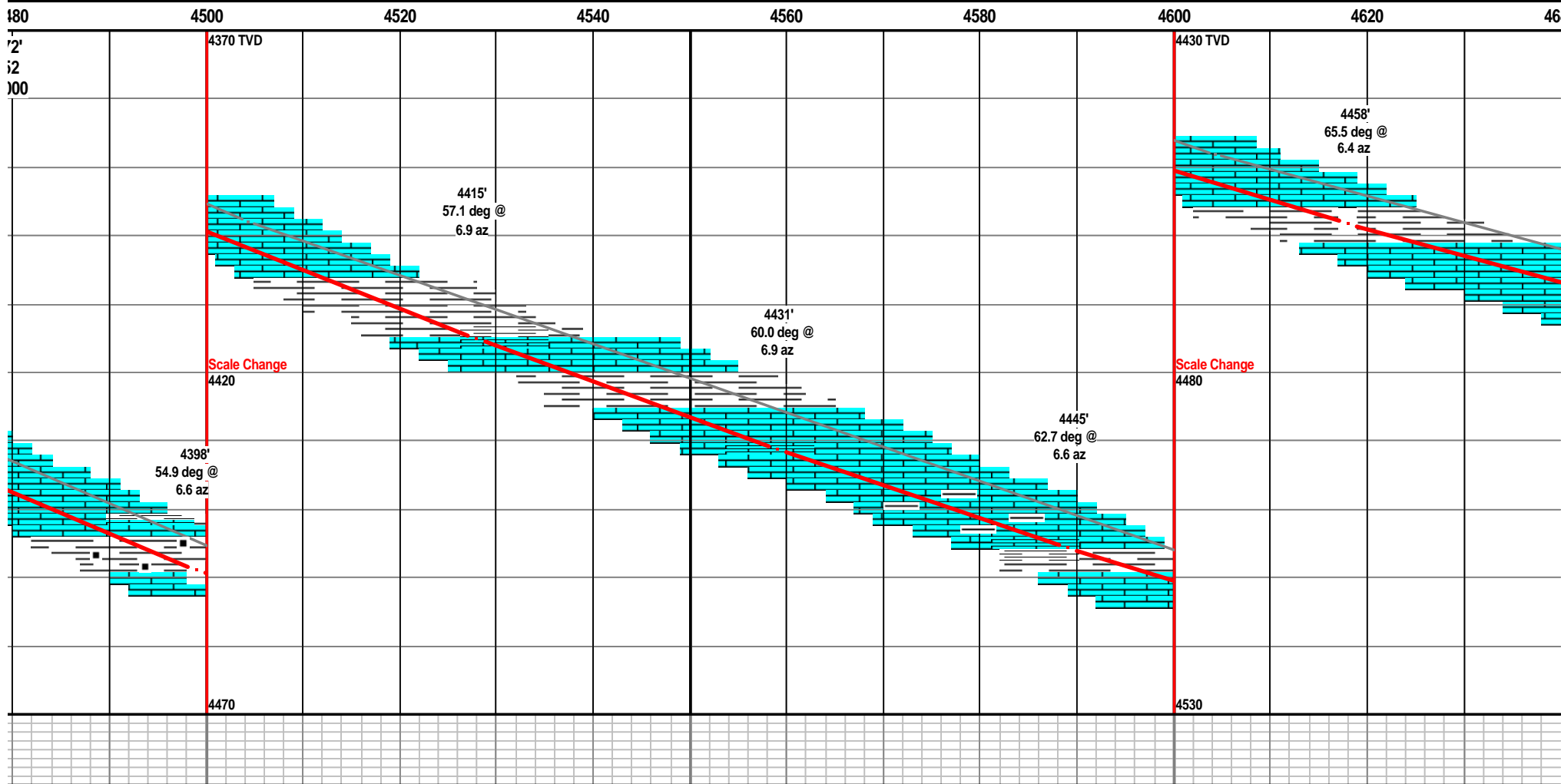
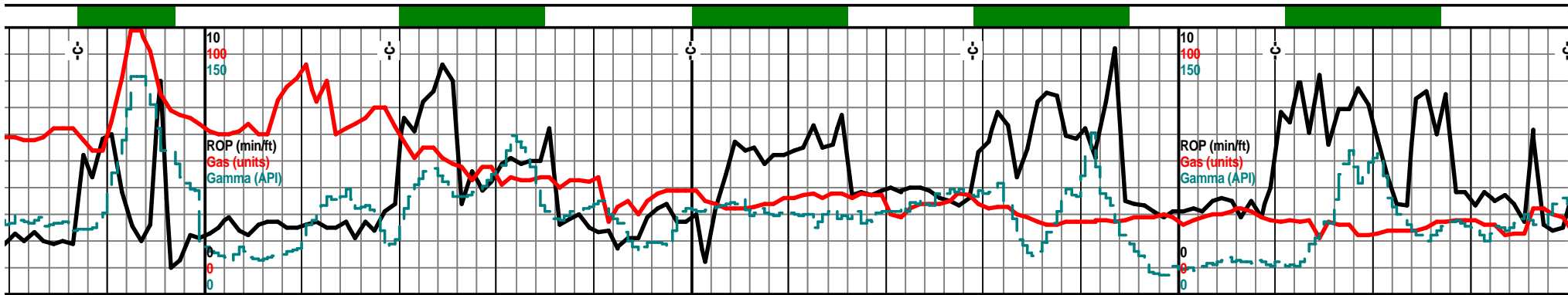
Porosity	24%
	18%
	12%
	6%
Porosity Type	

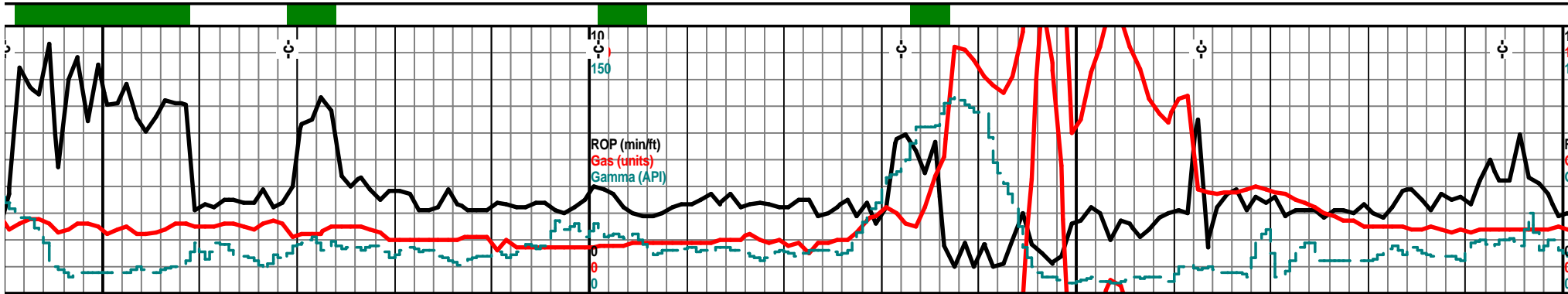




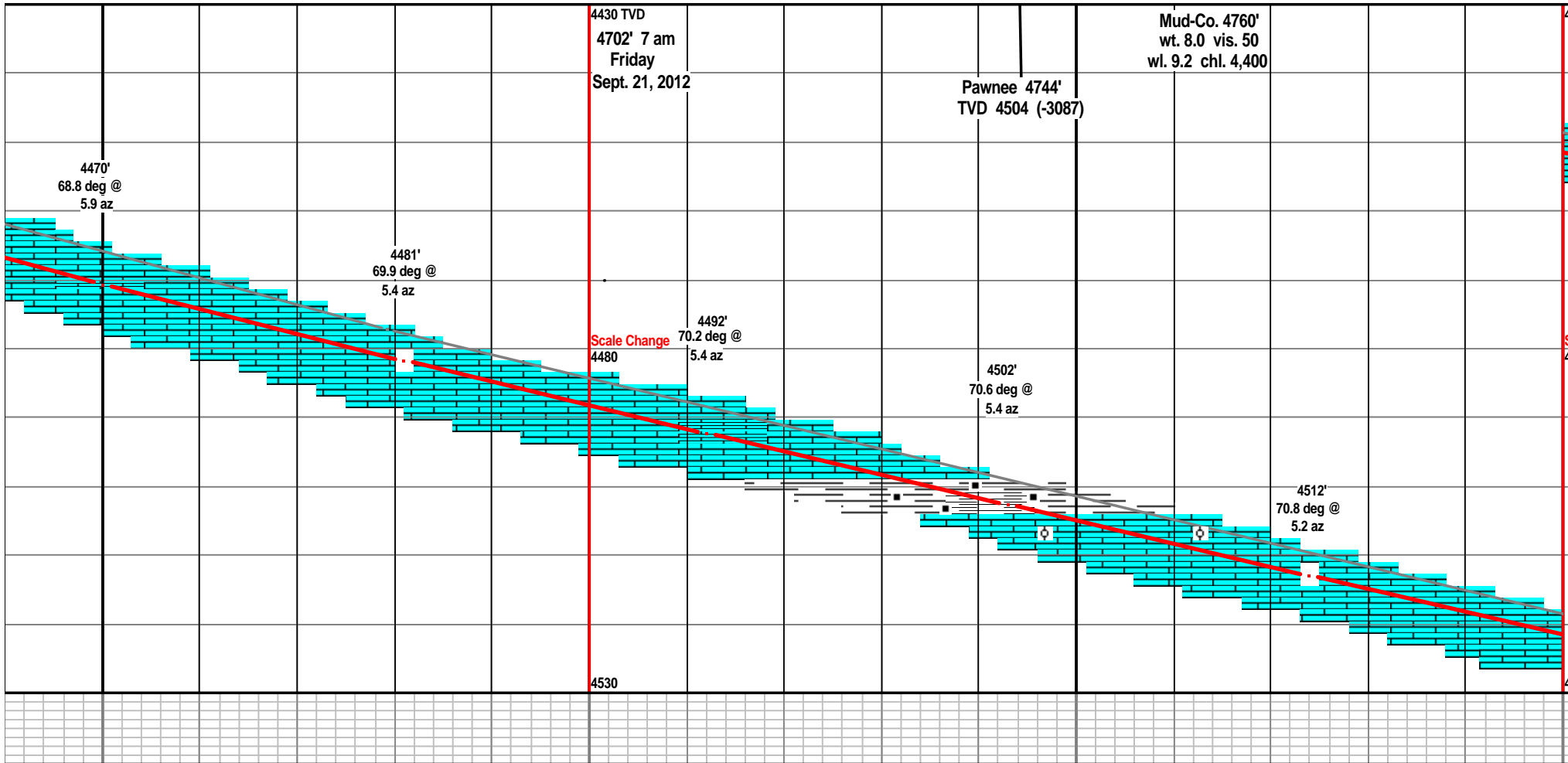


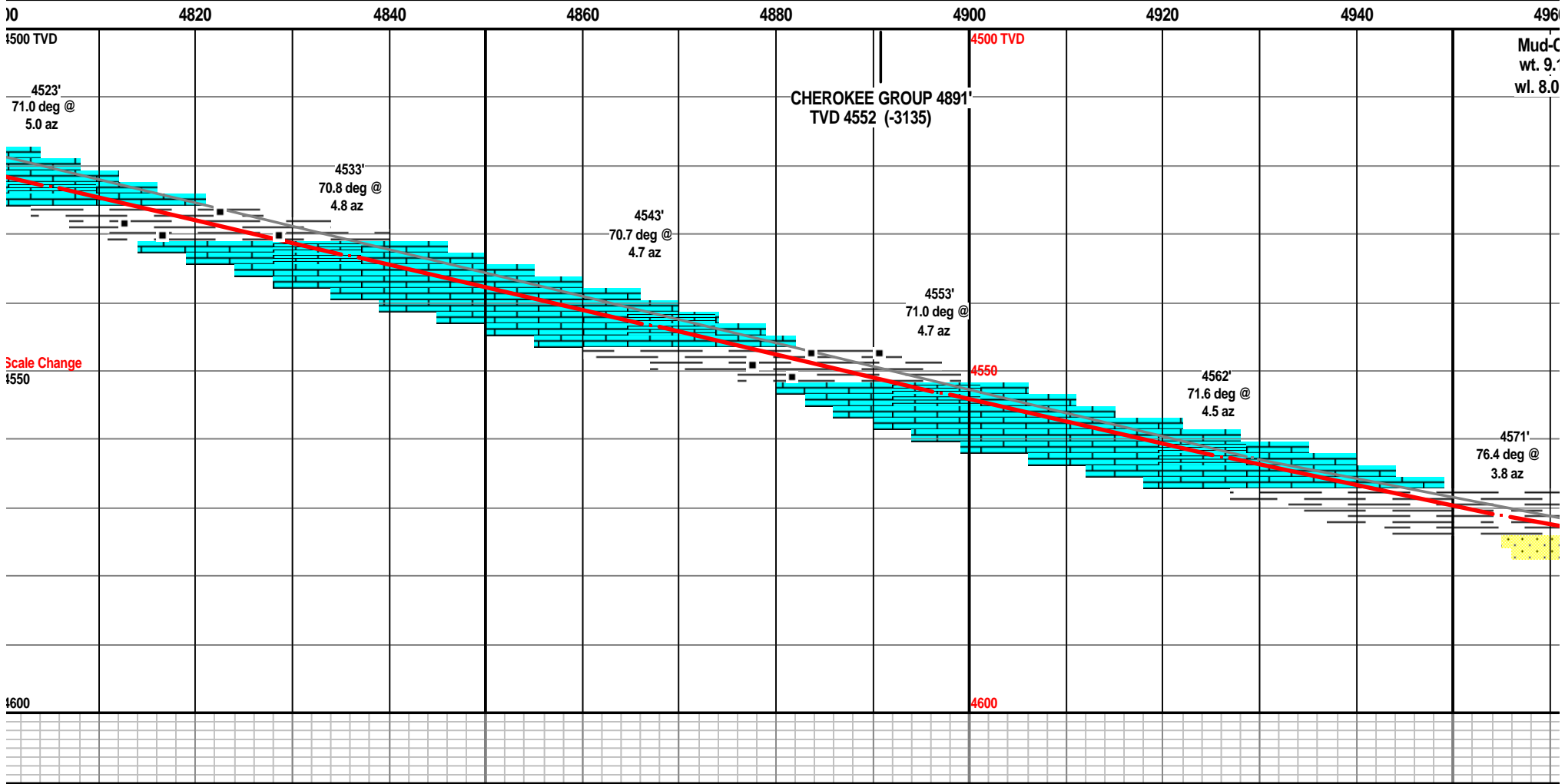
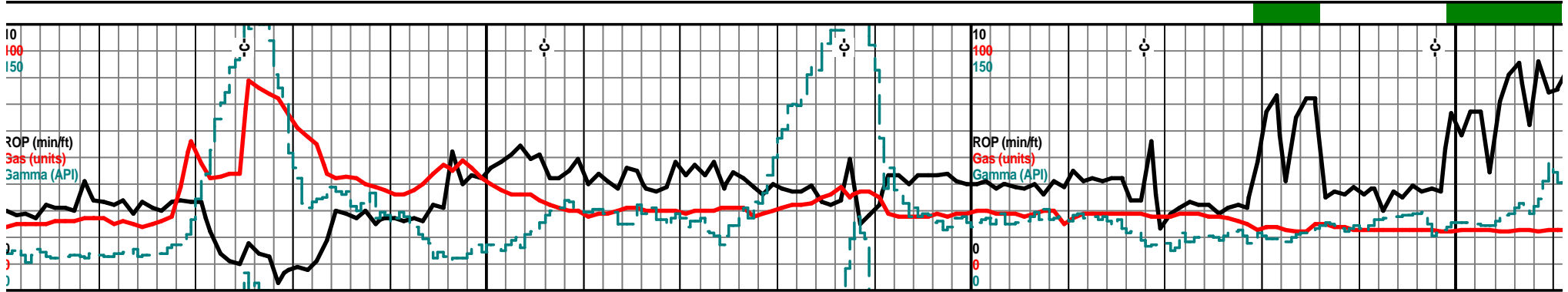


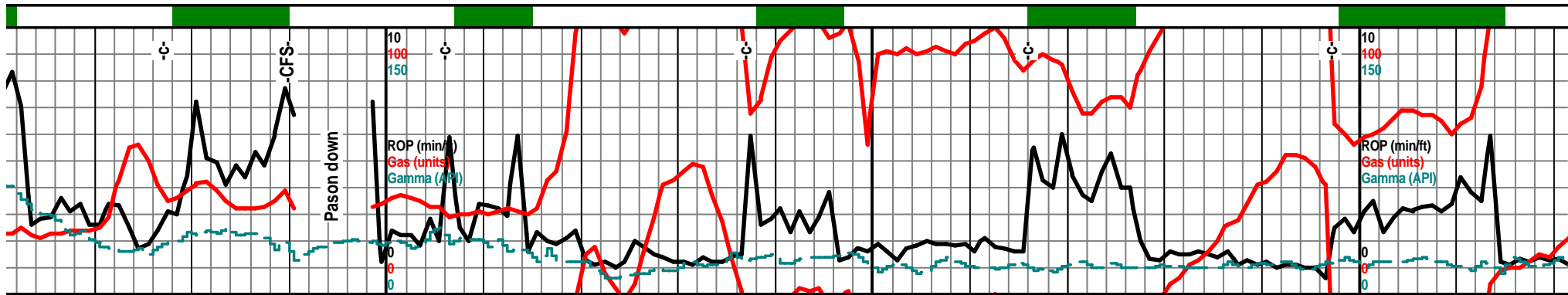




40 4660 4680 4700 4720 4740 4760 4780 4800





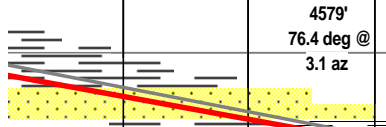
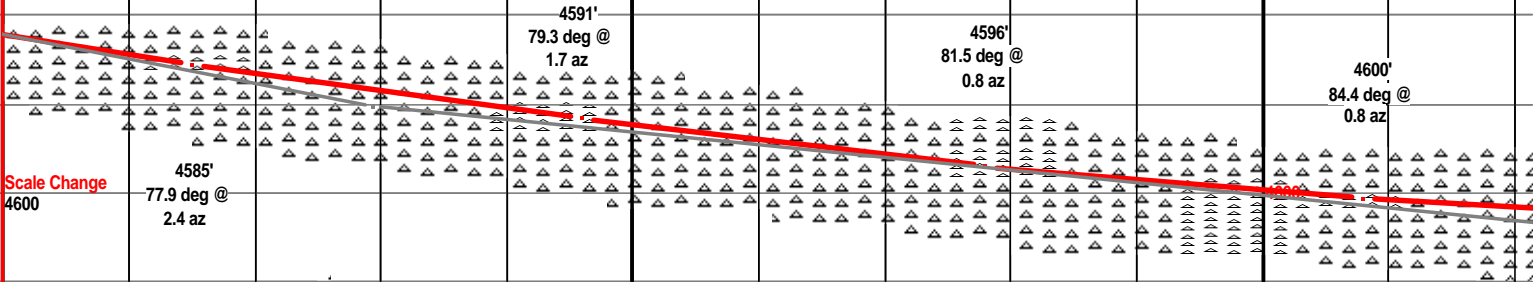


0 4980 5000 5020 5040 5060 5080 5100 5120

So. 4960' 1 vis. 69 chl. 3,000
 7am 4990' CFS 20 stand wiper trip
 4550 TVD
 4550 TVD

chrt wht off wht lt gry, smokey/lt blue, sharp frsh opa semi trans, chrt tan lt brn mott shrp frsh with weath sli trip edge text, tr spongy text, pp moldic por, even stain, lt transl SFO, gas bubs, dull UV
 chrt off wht lt gry smokey, shrp frsh opa semi transl, chrt tan lt brn, mott in prt, tan lt brn stain, sli weath text, pp moldic por, tan brn even stain, filmy SFO, dull UV, sli odor, tr gas
 chrt lt gry smokey, shrp frsh opa semi transl, blk ang shards, chrt tan lt brn with sli weath text/edges, tan brn stain, filmy SFO, dull UV, gas bubs, 50-50 frsh NS chrt, tan brn stain with weath chrt

MISSISSIPPI 4991' TVD 4577 (-3160)

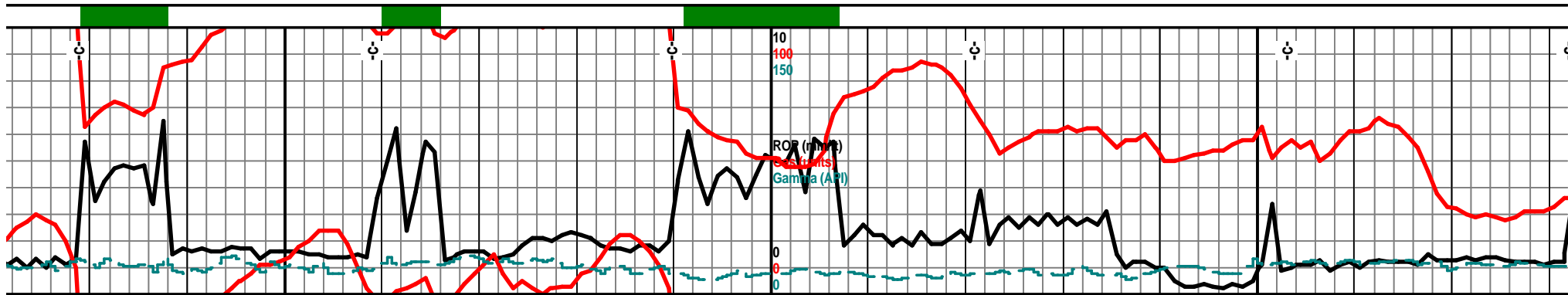


4579' 76.4 deg @ 3.1 az

chrt wht off wht lt blue grey/smokey, shrp frsh transl, blk ang pcs, chrt tan brn mott frsh with semi weath text, tr trip text, pp moldic por, even tan lt brn stain, filmy/transl SFO, dull UV, gas bubs
 chrt tan lt gry shrp frsh blk ang opa pcs, with sli weath text, sli trip text, tr spongy text, pp moldic por, frac por, tan lt brn even stain, filmy SFO, dull UV, tr gas bubs, sli odor
 chrt off wht lt gry smoke transl, chrt tan lt brn mott edges, tan lt brn stain, pp gas, sli odor, dull UV

4650

4650



5140 5160 5180 5200 5220 5240 5260 5280

4550 TVD

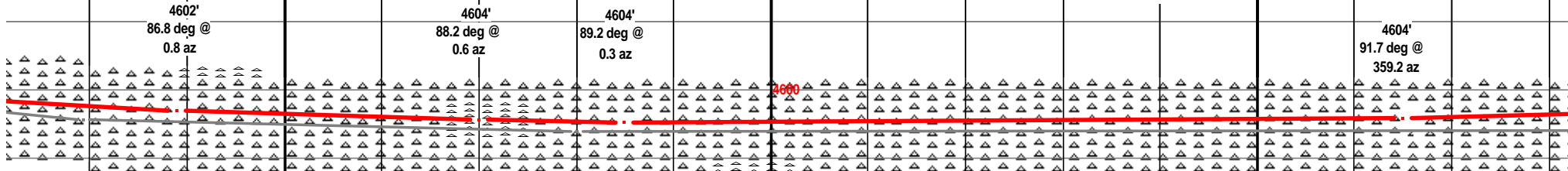
chrt off wht lt gry, smokey/bluish, shrp frsh opa, semi transl, blk ang shards, with tan brn weath text edge, pp moldic por, tan brn stain, RBSFO, filmy SFO, dull UV, tr gas, faint odor

chrt off wht lt gry lt smokey, shrp frsh, blk ang, opa, semi transl, with sli weath trip edge text, tan brn mott in prt, tan brn stain, pp moldic por, filmy SFO, odor, dull UV

chrt off wht lt gry shrp frsh opa semi transl, blk ang pcs, with sli weath gran sli trip text, tan brn stain, filmy SFO, tr gas bubs, sli odor, incr frsh chrt

chrt off wht lt gry smokey, shrp frsh opa, semi transl, blk ang shrp shards, with tan lt brn mott weath sli trip edges, pp moldic por, drk brn blk stain, filmy SFO, sli odor dull UV

7" Casing Point
5236'
Set at 5228'



y shrp frsh opa semi lt, sli weath trip text p moldic por, filmy SFO,

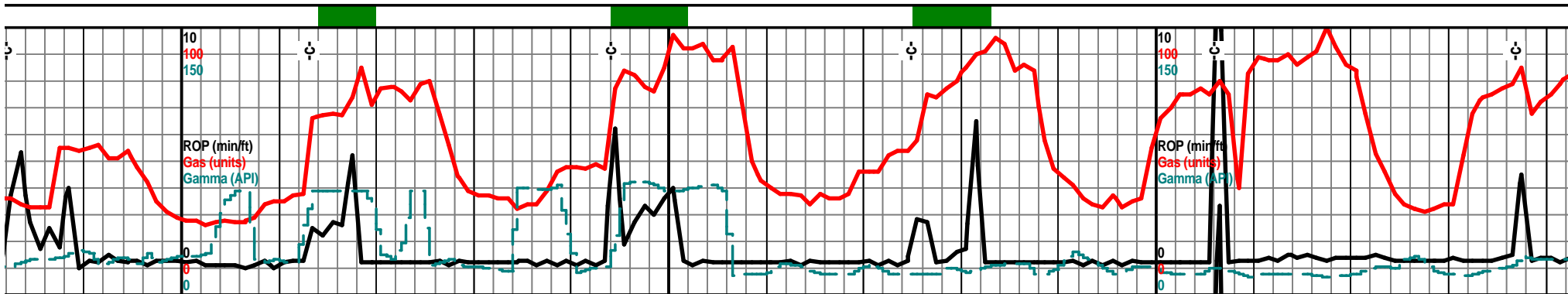
chrt off wht lt gry smokey color, frsh shrp blk, opa sub transl, blk ang pcs with weath sli trip text edges, tan lt brn bec drker brn stain, tan brn filmy SFO, tr floating droplets, sli odor, dull UV, tr gas bubs

chrt off wht lt gry, smokey color, shrp frsh opa, semi transl, blk ang pcs, with with weath sli gran sli trip edge text, pp moldic por, tan brn bec drker brn stain, filmy SFO, dull UV, odor?

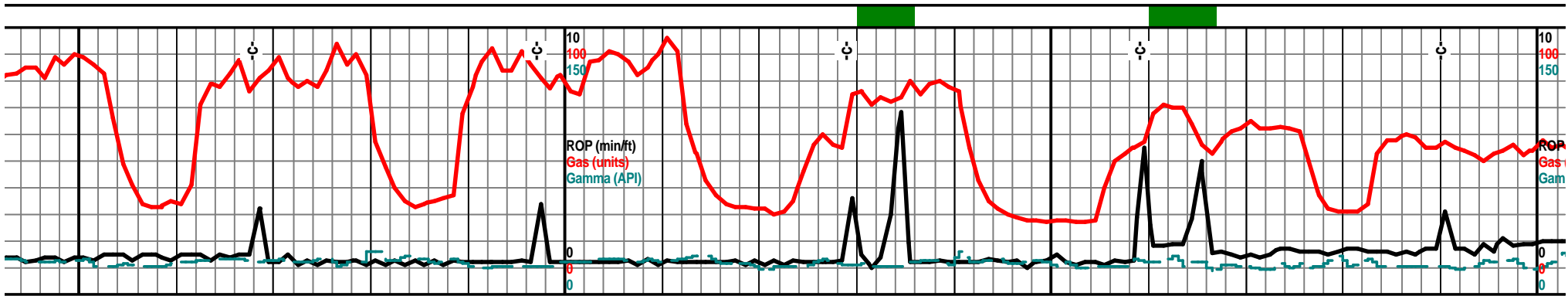
chrt off wht lt gry frsh shrp opa, semi transl, blk ang shards, with tan drk gry brn weath sli trip text edge, pp moldic por, brn stain sli odor, mslty cement!

chrt lt gry smokey shrp drk gry/blk weath sli tr vug por, brn blk stain, wht/wht spongy chlky chrt

4650

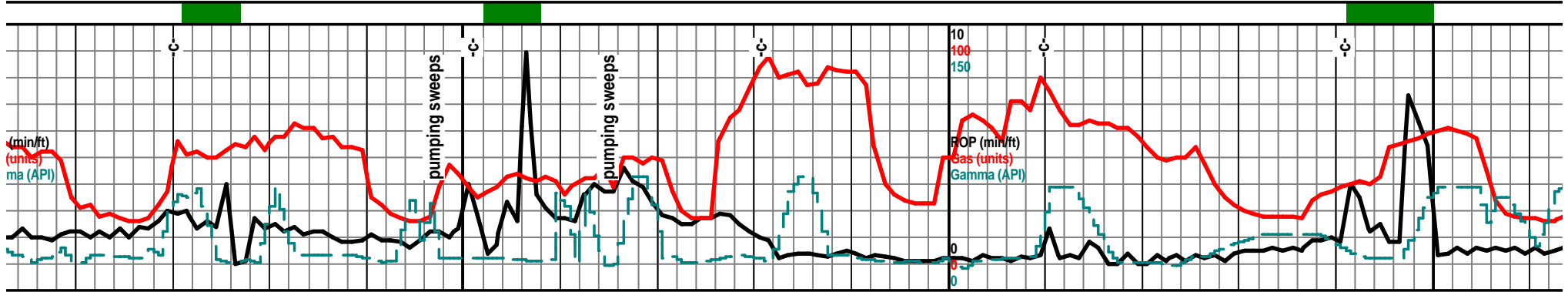


5300		5320		5340		5360		5380		5400		5420		5440	
4550 TVD										4550 TVD					
chrt lt gry smokey shrp frhs opa semi transl, with tan brn tr blk weath sli trip edge text, pp moldic vug por, brn blk stain filmy SFO, sli odor, gas bubs dull UV		chrt lt gry off wht smokey, shrp frsh opa semi transl, with weath sli trip text edges, tan brn tr blk edge, tan brn blk stain, pp vug moldic por, filmy SFO, gas bubs, dull UV		chrt off wht lt gry smokey shrp frsh opa semi transl w/drk tan brn stained weath sli trip text edge, pp moldic por, chrt gry smokey frsh shrp w/weath spongy chiky text edge, pp vug por tan brn tr blk hvy stain, dull UV (incr frsh shrp chrt this spl)		chrt gry tan, gry brn mott shrp frsh opa semi transl with weath sli trip to trip edges, pp moldic por, tan brn blk stain, filmy SFO, sli odor, gd stain, dull UV									
4603' 92.1 deg @ 358.0 az		4601' 92.0 deg @ 373.3 az		4601' 91.2 deg @ 356.8 az		4600' 89.8 deg @ 356.4 az		4600' 89.9 deg @ 356.4 az							
p frsh opa transl, with tan ip text edges, pp moldic filmy SFO, gas bubs, off limy text, lst wht f xin chiky		chrt off wht lt gry smokey color, shrp frsh opa transl, tr wht spongy text, chiky limy in prt, chrt aa w/ tan brn weath sli trip text pp vug moldic por, tan brn tr blk stain, filmy SFO, gas bubs		chrt lt gry lt smokey shrp frsh opa transl with sli weath edge, tan brn stain, filmy SFO, chrt wht spongy chiky soft trip text, tan brn stain, hvy blk stain, sli odor in all, dull UV		chrt off wht lt gry smoke color, shrp frsh opa, semi transl, blk ang pcs, with tan brn tr blk stained sli weath edges, v sli trip text, pp vug por, sli odor, filmy SFO tr gas bubs, dull UV		chrt lt gry smokey, to gry weath sli trip to trip text, por, gd brn blk stain, film dull UV							
4650										4650					

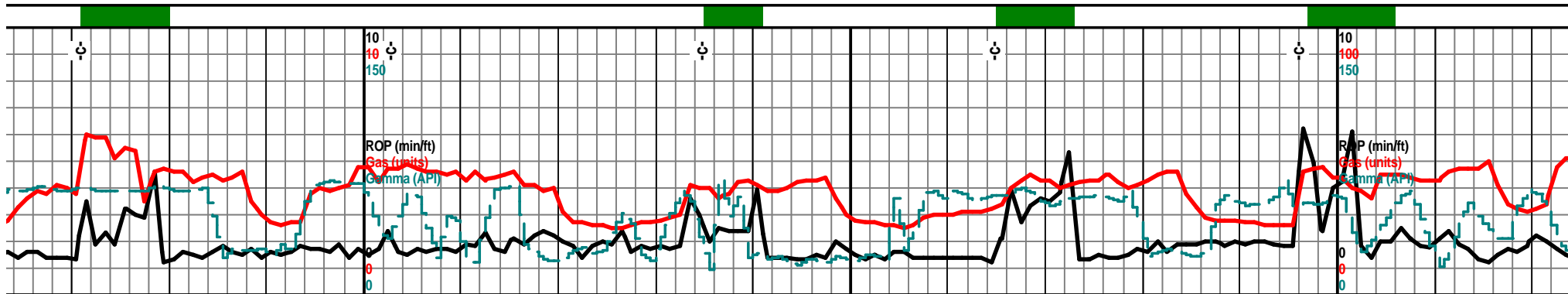


5460 5480 5500 5520 5540 5560 5580 5600

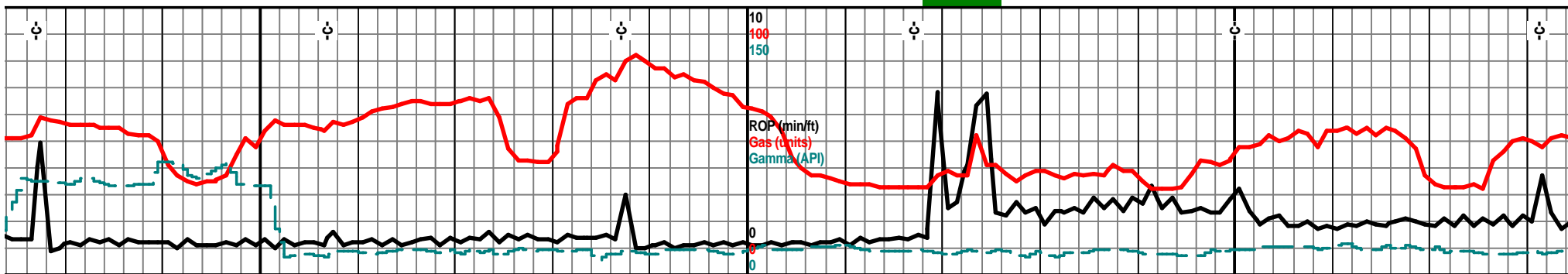
Mud-Co 5459' wt. 8.4 vis. 27 wl. N/C chl. 900		4550 TVD								4550
chrt lt gry smokey shrp frsh opaq transl with weath trip text edges, brn blk mott stain, pp moldic por, dull UV, sli odor, floating oil droplets, filmy RBSFO, dull UV, tr gas bubs, gd sho!		chrt lt gry smokey shrp frsh opaq semi transl with tan brn tr blk mott weath sli trip text stain and por, pp vug por, filmy SFO, dull UV, sli odor		chrt lt gry, smoke color, shrp frsh opaq blk ang shards, pcs, with weath text edges, tan brn stain, pp moldic por, vug poor, dull UV, filmy SFO, "floaters"		chrt off wht lt gry lt smokey shrp frsh opaq semi transl, with drk tan brn tr blk staid weath sli trip edges, pp vug moldic por, sli odor, filmy SFO, tr gas bubs				
4600' 90.1 deg @ 356.1 az		4600' 90.6 deg @ 355.9		4600' 91.2 deg @ 355.9 az		4599' 90.6 deg @ 356.2 az		4599' 87.7 deg @ 356.2 az		459 89.6 de 356.2
/ brn mott, brn tr blk weath edges, pp moldic y SFO, gas bubs, odor		chrt lt gry smokey shrp frsh opaq transl, with tan brn weath trip text edges, tan brn tr blk stain, filmy SFO, "floaters" tr gas bubs, dull UV, gd vis vug pp moldic por		chrt lt gry smokey color shrp frsh opaq transl, blk ang pcs, with drk tan brn mott weath sli trip text edges, tan brn stain, filmy sfo, dull UV, pp moldic vug por sli odor, floaters		chrt lt gry smokey shrp frhs opaq with weath text edges, tan brn tr blk stain, pp moldic por, vug por, sli odor, filmy SFO, dull UV		chrt lt gry smokey color, s transl with tan drk brn tr bl edges, pp moldic vug por,		
				4650						4650



TVD	5620	5640	5660	5680	5700	5720	5740	5760
					4550 TVD			
	chrt off wht lt gry smokey, shrp frsh opa q transl, with tan brn tr blk stained sli weath trip edges, pp moldic por, brn blk stain, filmy SFO, tr gas bubs dull UV		chrt lt gry smokey with wht spongy text edge, with tan brn sli trip weath edge, tan brn tr blk stain, pp moldic por, blk grsy stain, filmy SFO, odor, dull UV		chrt off wht lt gry smoke color, with wht spongy edge, tr chlky soft, w/ tan brn tr blk stained weath sli trip edge text, tan brn SFO, floaters, sli odor, gas bubs, dull UV		chrt lt gry off wht smoke color, with wht spongy weath sub chlky edge, weath tan brn sli trip edge text, pp moldic por, tan brn stain, filmy SFO, dull UV, sli odor, SSFO,	
19' eg @ 1 az		4600' 89.0 deg @ 356.4 az	4600' 89.4 deg @ 356.6 az	4600' 90.0 deg @ 356.8 az	4600' 91.4 deg @ 356.6 az	4600' 90.3 deg @ 357.3 az		
	hrp frsh opa q semi lk stained weath sli trip filmy SFO, sli odor		chrt lt gry smokey shrp frsh opa q, transl, with weath sli trip text edge, tan brn blk stain, odor?, filmy SFO, tr lst edge, wht f xln chlky gran chrt y tr glau		chrt lt gry smokey shrp frsh opa q, transl, with wht weath spongy text edge, tr soft chlky, w/weath sli trip text edges, tan brn tr blk mott stain, filmy SFO, dull UV, odor, tr gas bubs		cht wht lt gry off wht smokey, shrp frsh opa q semi transl, with wht weath soft spongy text, tan brn stained trip weath edges, filmy SFO, "floaters" gas bubs, odor dull UV	
					4650			



5780		5800		5820		5840		5860		5880		5900		5920			
		4550 TVD										4550 TVD					
chrt off wht lt gry lt smokey color, shrp frsh opa, sub transl, with weath sli spongy trip edge, tan brn stained sli trip edge, pp moldic por, sli odor, filmy SFO, dull UV, incr frsh chrt AB		chrt off wht lt gry smokey color, shrp frsh opa, biky ang pcs, with weath sli trip edge text, tan brn stain, pp moldic por, sli odor		chrt lt gry smokey off wth shrp frsh opa sub transl with tan brn stained weath edge text, pp moldic por, tan brn tr bl stain, SSFO, hvy stain, filmy SFO, odor, incr stained chrt in this spl		chrt lt gry off wht lt smokey shrp frsh opa as before, with tan brn stained weath sli trip edge text, pp moldic por, tan brn stian, hvy grsy SFO/stain, filmy SFO, tr gas bubs, odor, dull UV											
4599' 90.1 deg @ 357.3 az		4599' 90.8 deg @ 357.1 az		4599' 89.9 deg @ 357.5 az		4599' 88.8 deg @ 357.1 az		4600' 87.8 deg @ 357.3 az									
y shrp incr frsh, lt > text edge, pp moldic my sfo,		chrt lt gry off wht lt smokey shrp frsh opa sub transl, with chlky trip text edge, tan brn stained sli trip edge, pp moldic por, tan brn stain, blk stain sli odor, filmy SFO, dull UV		chrt lt gry off wht smokey color, shrp frsh opa, semi transl, with chlky spongy weath edge, tan brn stain, with tan brn weath sli trip edge, pp moldic por, tan brn, tr blk stain, sli odor, dull UV, 50-50 frsh with NS and weath w/stain		chrt off wht lt gry tr lt smokey color, shrp frsh opa, foss, transl with tan lt brn/brn tr blk weath trip edge text, pp moldic small vug por, tan brn stain, grsy hvy SFO, filmy SFO tr gas bubs, odor, dull UV		chrt lt gry off wht lt smokey c sub transl with tan brn staine pp moldic por, sli odor, tan brn filmy SFO, dull UV									
		4650										4650					



5940

5960

5980

6000

6020

6040

6060

6080

4550 TVD

7 am 6020'
Sept. 26, 2012

chrt lt gry off wth lt smokey color, shrp frsh opa, transl, with tan brn stained weath sli trip text edges, pp moldic por, tan brn tr blk grsy stain sli odor, tr SFO, filmy SFO, dull UV

chrt off wht lt gry lt smokey color, shrp frsh opa, with tan brn stain weath sli trip edges pp moldic por, tan brn stain filmy SFO, gas bubs odor

chrt wht off wht lt gry shrp frsh opa semi transl, with weath sli trip text edges, tan brn stained edges, pp moldic por vug por, sli odor, filmy SFO, tr gas bubs, dull UV, incr frsh chrt

chrt off wht lt gry smokey color, shrp frsh opa semi transl blk ang hrd, with weath sli trip edge text, pp moldic por, vug por, tan brn tr blk stain, odor? filmy SFO, dull UV, incr vis show from 6040' spl.

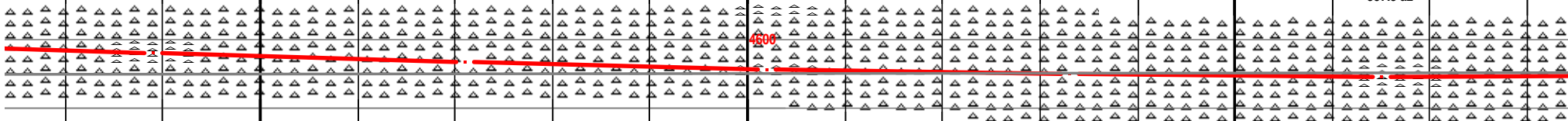
4601'
87.5 deg @
357.3 az

4603'
87.5 deg @
356.8 az

4604'
88.3 deg @
356.8 az

4605'
89.2 deg @
352.3 az

4605'
89.9 deg @
357.3 az



olor, frsh shrp opa
d sli trip edge text,
rn tr blk grsy stain,

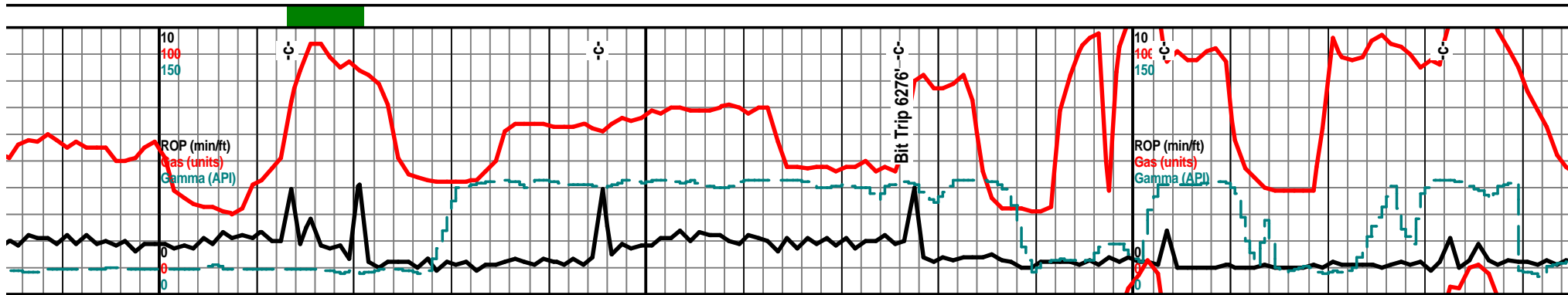
chrt off wht lt gry shrp frsh opa, transl, shrp blk
pcs with tan brn stained weath sli trip text edges,
pp moldic por, tan brn stain filmy sfo sli odor, dull
UV

chrt off wht tr wht lt tr gry shrp frsh opa, blk
shrp shards, with weath sli trip text edge, tan brn
stained edges. pp moldic por, tan filmy SFO sli
odor, incr live sho, incr frsh chrt

chrt off wht, tr wht, lt gry smokey, shrp frsh opa,
semi transl, mstly frsh shrp blk ang pcs, with
trace of sli trip weath edge, tr tan brn blk stain, pp
molic por nodor no gas spotted UV or "jeep"

chrt...spl 80% frsh with no sh
lt gry shrp frsh opa, semi tr
shards, tr weath sli trip text e
filmy SFO, tr gas bubs howev

4650



6100 6120 6140 6160 6180 6200 6220 6240

4550 TVD Mud-Co. 6113' wt. 8.3 vis. 26 wl. N/C chl. 800

Bit Trip 6176'

4550 TVD

chrt spl 80% frsh no show, chrt off wht lt gry smokey shrp frsh opa semi transl, with tan brn stained sli weath sli trip text edges, tan brn stain, VSSFO, filmy SFO, sli odor

chrt off wht lt gry smokey color, shrp frsh opa transl, tan brn some blk stained sli trip weath text edges, tan brn stain, filmy SFO, "floaters" tr gas bubs, dull UV, sli odor

chrt off wht lt gry shrp frsh opa with tan brn stained sli trip weath text, pp moldic por, tan brn tr blk stain, sli odor, filmy SFO. tr gas bubs, dull UV

chrt wht off wht lt gry & smokey color, shrp frsh opa transl with tan brn weath sli trip text edge, tan brn tr blk stain, sli odor, filmy SFO, sli odor, dull UV, floating oil droplets

4605; 90.5 deg @ 357.5 az

4605' 89.8 deg @ 357.5 az

4605' 89.6 deg @ 357.3 az

4605' 89.9 deg @ 357.5 az

4605' 90.2 deg @ 357.3 az

4605' 90.6 deg @ 357.3 az



low, chrt wht off wht anls, sharp blkly dges, tan brn stain, r/r!

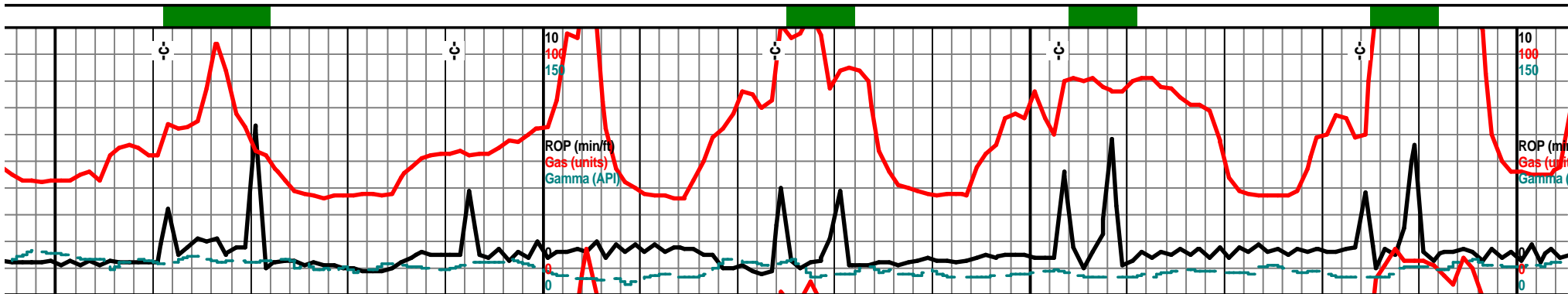
chrt off wht lt gry lt smoke color, shrp frsh opa transl, inc weath text, tan brn lt blk stain trip weath text edges, pp moldic por, tan brn, tr blk grsy stain, floating oil droplets, filmy SFO, gas bubs, dull UV

chrt off wht lt gry smokey shrp frsh opa transl, tan brn some blk stained sli trip weath text edges, tan brn stain, tr hvy blk stain, filmy SFO, some "floaters", sli odor.

chrt 50-50 mix of lt gry smokey frsh shrp opa transl and lt gry smokey with tan brn stained weath sli trip text edges, pp moldic por, tan brn stain, sli odor, filmy SFO, tr gas bubs dull UV

chrt wht off wht lt gry smokey, transl, with tan brn weath sli tri brn tr blk stain, odor, tr gas bul droplets, dull UV

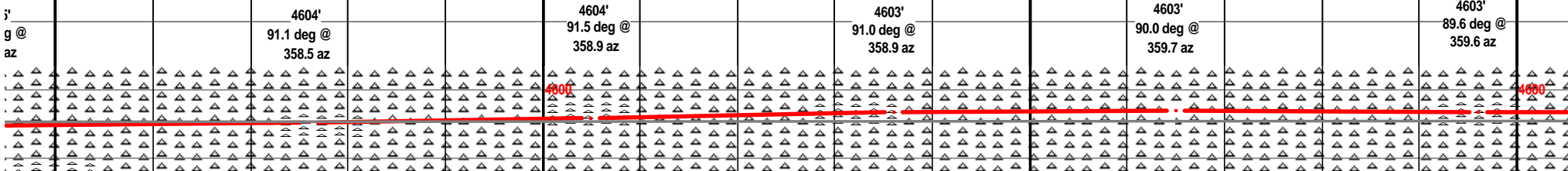
4650 4650



6260 6280 6300 6320 6340 6360 6380 6400

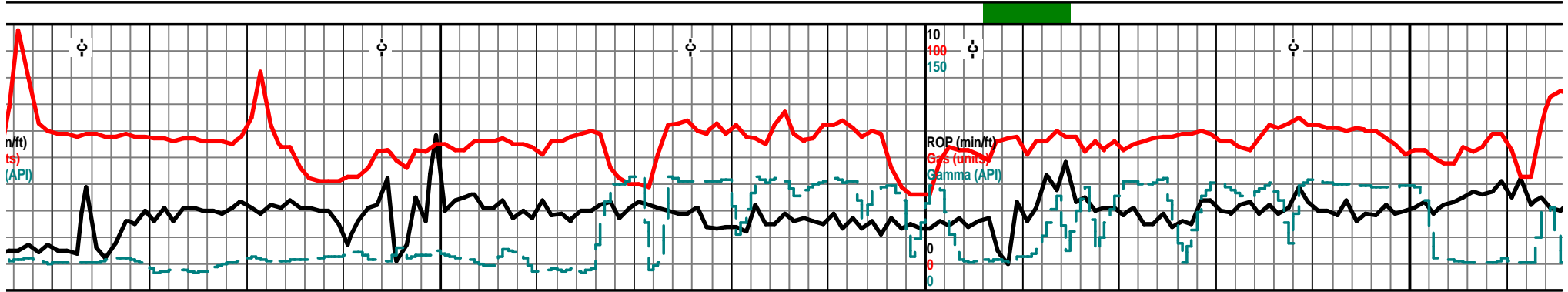
4550 TVD 7 am 6308' Sept. 27, 2012 Mud-Co. 6353' wt. 8.4 vis. 28 wl. N/C chl. 1,000 4550 TVD

chrt wht off wht lt gry lt smokey shrp frsh opa, semi transl, with weath gran sli trip edge text, pp moldic por, tan brn stain, sli odor, dull UV, tr hvly blk stain
 chrt wht off wht lt gry smokey, shrp frsh opa transl, with weath gran sli trip text, tan brn stained edges, pp moldic por, tanbrn blk stain, VSSFO, floaters, tr gas dull UV
 chrt split, wht off wht lt gry smokey shrp frsh opa transl, with tan brn drk brn weath sli trip text edges, pp moldic por, vug por, tan brn stain, filmy SFO. dull UV
 chrt bec incr frsh NS, with chrt wht off wht lt gry shrp frsh opa. chrt aa with tan brn weath sli trip edge text, pp moldic por vug por, filmy SFO, nodor, dull UV eddges

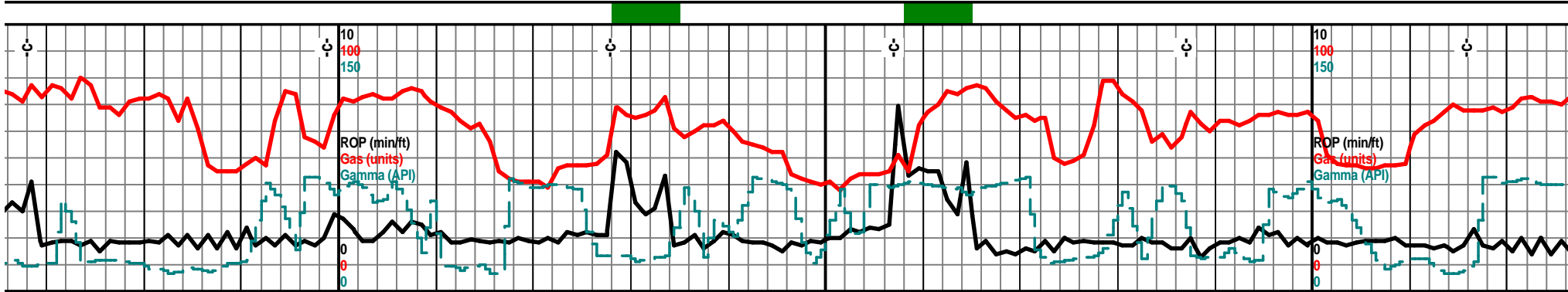


shrp frsh opa p text edges, tan ss, floating oil
 chrt wht off wht lt gry shrp frsh opa blk ang pcs, tan brn mott weath sli trip weath text, pp moldic por, tan brn stain tr hvly blk stain, sli odor, filmy SFO, tr gas bubs
 chrt 50-50 mix of chrt, frsh shrp blk ang opa transl & chrt lt gry off wht wht, lt smokey shrp frsh with tan brn stained weath sli trip text edges, tan brn stain, filmy SFO, tr gas sli odor, dull UV
 chrt mx, off wht lt gry smokey shrp frsh opa transl blk ang shrds, with weath gran sli trip text edges, tan brn stain tr hvly blk grsy stain, SSFO, filmy SFO, tr gas odor?
 chrt off wht lt gry smokey co transl incr spongy text weath chrt aa with tan brn drk brn v pp moldic vug por, tan brn stain, gas bubs

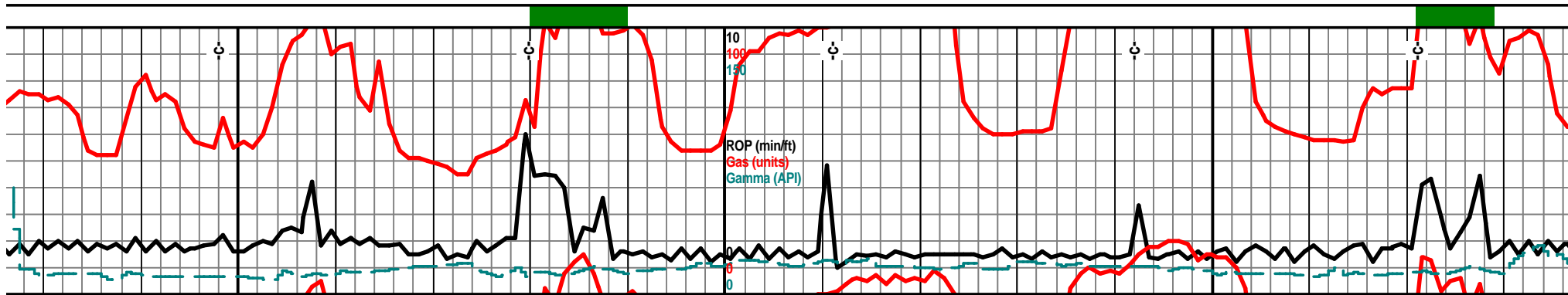
4650 4650



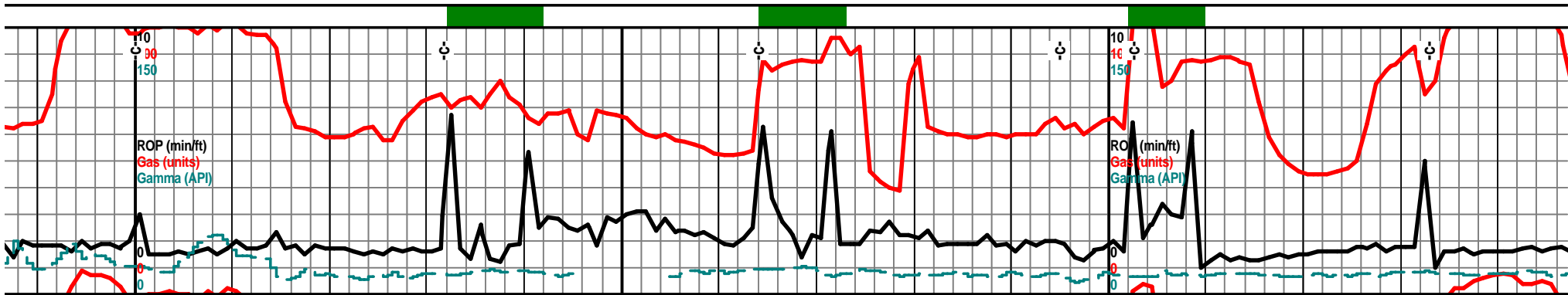
6420	6440	6460	6480	6500	6520	6540	6560
SAMPLES VERY FINE				4550 TVD			
chrt off wht lt gry smokey color with wht gran spongy text soft limy weath edge, stain, VSSFO, pp por, chrt off wht lt gry smokey shrp frsh opa with tan brn stained weath sli trip edge text, pp moldic por, filmy SFO, fair odor gas bubs		chrt wht tan lt gry shrp frsh opa, transl, and chrt tan lt gry mott shrp frsh opa trans with weath tan edges, tr tan brn stain, pp moldic por, lt tan stain, tr hvly blkstain dull UV.		chrt wh lt tan lt gry frsh opa transl, and chrt tan lt gry mott, shrp frsh opa transl, with weath gran tan edges, tr tan brn stain, pp molic por, tn stain, tr hvvy blk stain, dull UV		chrt off wht lt gry tr wht tan mott frsh shrp blkly ang hrd shrds, tan brn stained sli weath trip text edge, tan brn stain, filmy SFO, tr odor, tr gas bubs, dull UV	
	4603' 90.0 deg @ 0.1 az	4603' 89.0 deg @ 359.9 az	4604' 89.1 deg @ 359.6 az	4604' 88.5 deg @ 359.4 az	4605' 88.4 deg @ 359.0 az		
lor, frsh shrp opa h edge, brn stain, weath trip edge text tain, filmy SFO, gd	chrt off wht lt gry smokey shrp frsh opa blkly ang hrd pcs, with tan brn weath sli trip edges, tr spongy soft calc chiky edge, tan brn stain dull UV nodor		chrt wht lt tan lt gry frsh shrp opa trans, with tan weath sli trip weath edge, pp moldic por, lt tan stain, dull UV		chrt tan off wht lt gry frsh opa trans and chrt tan lt gry mott, shrp frsh opa trasns, with gran weath sli trip text edges, tan brn stain, pp moldic por dull UV		chrt tan off wht lt gry mott frsh opa, with tan gry lt brn mott v edges, pp moldic por, tan brn stain, tr filmy SFO
				4650			



6580	6600	6620	6640	6660	6680	6700	6720
	4550 TVD	SAMPLES VERY FINE					4550 TVD
Incr frsh from before, chrt tan lt gry mott, shrp frsh opa, with tan lt gry weath sli trip text edge, tan lt brn stain, sli odor, incr drk tan lt brn stain pp moldic por sli odor dull UV		chrt off wht lt gry lt gry/smokey shrp frsh opa, semi transl, shrp blk shards, with tan brn tr blk weath edge text, tan brn blk stain, pp moldic por gran dull UV, filmy SFO.		chrt lt gry off wht smokey shrp frsh opa semi transl, chrt tan brn off wht mott with weath trip text edges, tan brn stain, pp moldic vug por, filmy SFO, tr gas dull UV, tr floating oil droplets		chrt off wht lt gry smokey color, shrp frsh opa semi transl, chrt tan off wht mott with weath trip text edges, tan brn stain, moldic vug por, tr gas bubs	
4606' 88.2 deg @ 359.2 az	4607' 88.1 deg @ 358.9 az	4608' 88.7 deg @ 358.9 az	4608' 89.4 deg @ 358.4 az	4608' 89.7 deg @ 358.7 az			
shrp blk ang weath sli trip text stain, dull UV, sli	chrt off wht lt gry lt smokey shrp frsh opa semi transl, blk ang shrd, with tr weath tan lt brn sli trip text edge, pp moldic por tr hv blk stain, dull edge UV	chrt tan lt brn mott, weath gran trip text, pp moldic vug por, tan brn tr blk stain, chrt lt gry smokey frsh with tan brn weath sli trip edge, filmy SFO, dull UV		chrt off wht lt gry shrp frsh opa trans with tan lt brn tr blk mott weath gran sli trip edges, pp moldic vug por, tan brn stain sli odor, tr filmy SFO		chrt off wht lt gry shrp frsh opa stained sli trip text edges, pp mc stain, tr blk bvy grsy stain, gas b sli odor	
	4650					4650	



6740	6760	6780	6800	6820	6840	6860	6880
SAMPLES VERY FINE			4550 TVD	7 am 6811' Sept. 28, 2012			
chrt lt tan to off wht/tan shrp frsh opa q with weath sli trip edge text, tan brn stained edges, pp moldic por, vug por, dull UV, tr gas bubs,		chrt off wht lt tan to gry smokey shrp frsh opa q semi trans with tan lt brn to brn stained weath sli trip edges text pp moldic por, sli odor, filmy SFO, tr gas bubs, dull UV		chrt lt gry smokey frsh shrp opa q trans with weath trip text edges, chrt tan brn mott weath trip text tan brn stain, pp moldic vug por, sli odor, filmy SFO dull UV, floaters, tr gas bubs.		chrt off wht lt gry smokey shrp frsh opa q, with weath trip text edges, chrt tan brn gry brn mott weath trip text edges, pp moldic vug por, tan brn stain, SSFO-"floating" droplets, tr gas bubs.	c s t c
4608' 90.7 deg @ 358.7 az	4608' 90.4 deg @ 357.7 az	4608' 88.7 deg @ 359.0 az	4600	4609' 88.5 deg @ 4609'		4610' 88.7 deg @ 359.2 az	4611' 88.0 deg @ 359.2 az
with tan lt brn moldic por, tan brn bubs, tr filmy SFO	chrt off wht lt gry smokey color, shrp frsh opa q, semi transl, with weath trip edge text, tan brn stain, pp moldic por, tr vug por, filmy SFO, gas bubs dull UV	chrt off wht lt gry to smokey color, frsh shrp blkly ang shrds, opa q semi transl, with tan lt brn stained weath trip edge text pp moldic por, filmy SFO, tr gas bub		chrt off wht lt gry smoke color, shrp frsh opa q with weath trip text edges, chrt tan brn mott weath trip text, pp moldic por, vug por tan brn stain, filmy SFO, gas bubs dull UV		chrt dull gry off wht smokey shr weath sli trip text edges, chrt tan trip text edges, pp moldic por, vug por, tan brn stain, filmy SFO, gas bubs	
			4650				



6900 6920 6940 6960 6980 7000 7020 7040

4550 TVD
 SAMPLES VERY FINE
 Bit Trip 6995'
 Lost Returns
 4550 TVD

hrt lt gry off wht shrp frsh opa, blkly ang
 shards, semi transl, chrt tan lt brn mott weath trip
 ext, pp moldic por, vug por, tan lt brn stain, sli
 xdr, filmy SFO.dull UV

chrt wht off wht lt gry shrp frsh opa, blkly ang
 shards, transl, tr chrt aa with weath sli trip edges,
 lt tan brn stain, moldic pp por, lst wht off wht f xln
 blkly chlkly chrty, incr frsh chrt

chrt wht off wht lt gry shrp frsh opa ang hrd
 shards, dolo crm tan f vf xln blkly ang soft gran
 pcs, tr glau, tr chrty/w chrt inclu, stain sli odor, lst
 gry smokey frsh opa chrt with dolo edge, stain,
 tr gas

chrt off wht lt gry smokey shrp frsh opa with
 chrty dolo, off wht lt gry fwth tan brn weath dolo
 edge, pp moldic por, vug por, tan brn stain, SSFO,
 gas bubs

4600 4612' 87.4 deg @ 358.9 az
 4613' 88.3 deg @ 357.9 az
 4613' 88.5 deg @ 359.2 az (check shot)
 4614' 90.2 deg @ 0.8 az
 4680 4613' 91.0 deg @ 0.6 az



p frsh opa with
 1 brn mott, weath
 ug por, tan brn

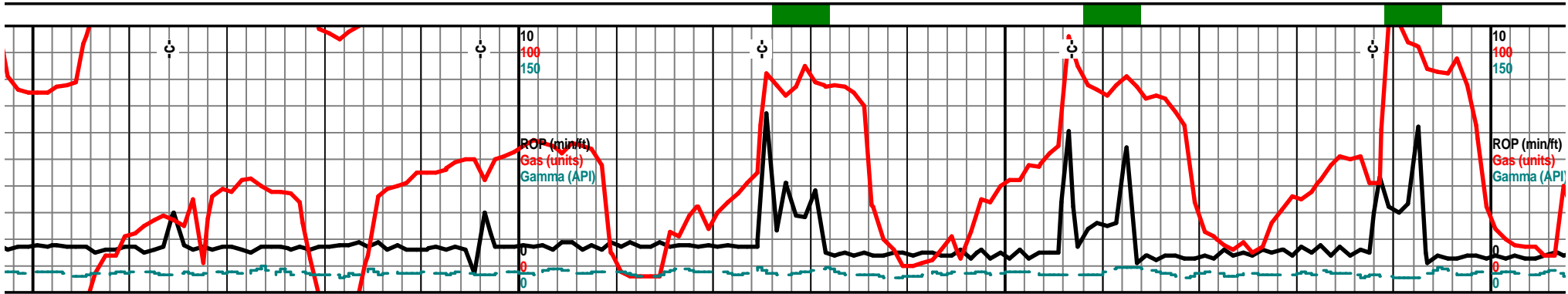
chrt off wht lt gry tr smokey, shrp frsh opa trans,
 shrp ang shards, chrt tan lt brn weath trip text, pp
 moldic por, tan brn stain, dull UV, incr lst wht off
 wht f xln chlkly, gran, chrty

chrt off wht lt gry shrp frsh opa blkly ang shrp
 shards, with weath edge text tan lt brn stain,
 lst/dolo wht off wht f xln gran chlkly soft chrty

chrty dolo, gry smokey frsh chrt with tan lt brn
 weath dolo edge, pp moldic por, tan brn stain, tr
 lst off wht tan sub chlkly gran soft

chrt off wht lt gry smokey shrp frsh
 opa, blkly ang shards, semi transl, chrt tan lt brn mott weath trip
 ext, pp moldic por, vug por, tan lt brn stain, sli xdr, filmy SFO.dull UV.

4650 4650



7060 7080 7100 7120 7140 7160 7180 7200

4550 TVD 4550 TVD

chrt lt gry smoke color shrp frsh opa q blk ang
shrds with chrt dolo, tan lt brn mott dolo w/chrt
inclu, pp moldic por, inter xln por, tan brn stain, tr
gas bubs, dull UV

chrt off wht lt gry smokey shrp frsh opa q with
weath gran dolo edges, tan lt crm lt brn f xln gran
soft tr suc text, gd inter xln, pp por, tan brn stain,
blk stain, grsy stain, filmy SFO, tr gas bubs sli
odor

chrt off wht lt/med r smokey, shrp frhs, opa q,
with dolo edges, chrt dolo tan lt brn f xln sli suc
text, chrt inclu, inter lxn por pp vug por, tan blk
stain, gas bubs, filmy SFO

chrt off wht lt gry shrp frsh opa q with weath gran
trip text edge, tr dolo in prt, pp moldic por, tan brn
stain, fair odor, filmy SFO, dull UV

4613'
31.2 deg @
1.0 az

4612'
91.3 deg @
0.6 az

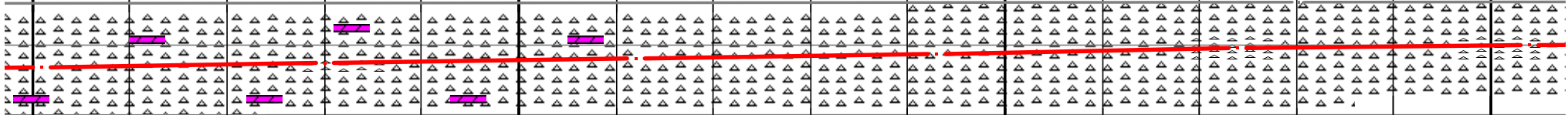
4600

4611'
91.2 deg @
0.1 az

4611'
91.2 deg @
359.6 az

4610'
91.4 deg @
358.3 az

4609'
90.9 deg @
358.5 az



frsh opa q, chrt
t brn weath dolo
lt brn stain, sli

chrt off wht lt gry smoke, chrt dolo, off with tan
crm f xln gran sli suc, with lt gry smokey chrt
inclu, weath gran sli trip edge, pp moldic por,
inter xln por, tan brn stain, blk hvy stain tr gas
bubs

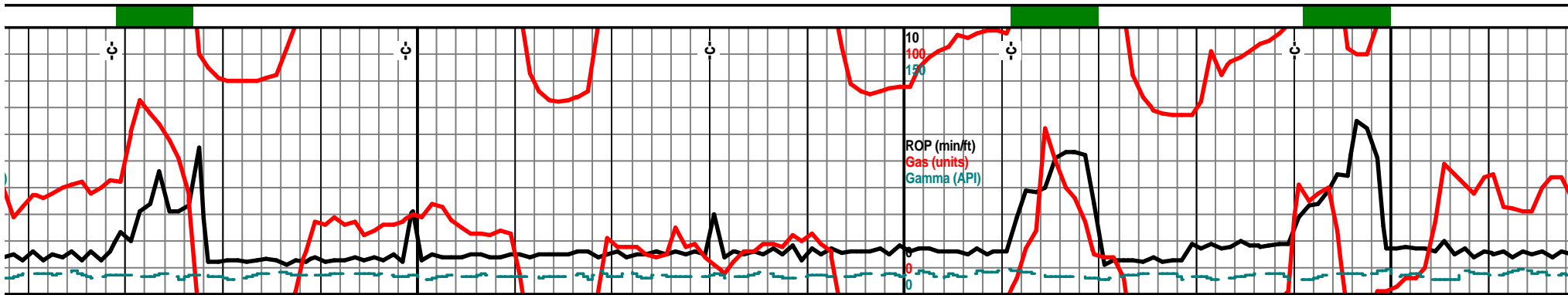
chrt off wht lt/med gry smokey, shrp frsh, opa q,
with dolo edges, chrt dolo tan lt brn f xln sli suc
text, chrt inclu, inter xln por, pp vug por, tan/blk
stain gas bubs odor? dull UV

chrt off wht lt gry mstly smokey, shrp frsh opa q
trans with tan lt brn dolo edge, chrt dolo, tan lt
brn f xln gran, sub chlky, chrt inclu, pp moldic
por, vug por tan brn stain, blk SFO, gas bubs

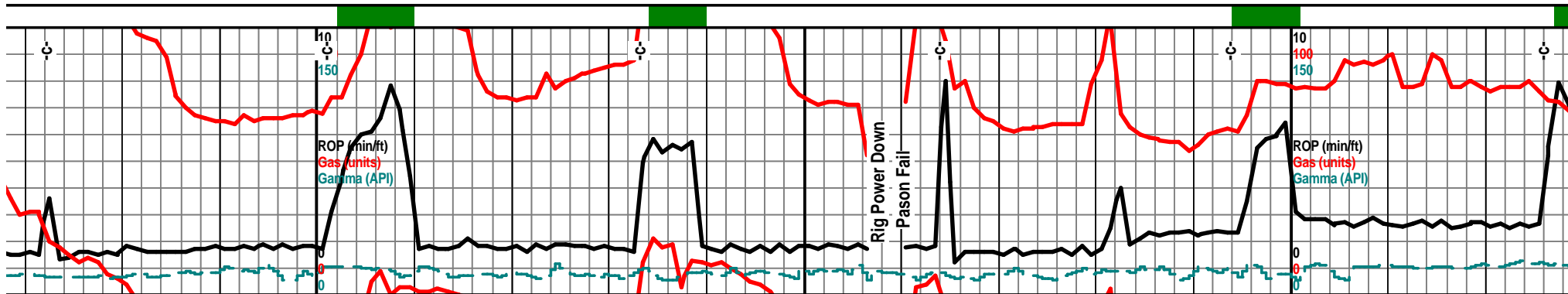
Incr off wht lt gry smokey colo frsh c
opa q trans, chrt lt gry smokey with v
trip edge, tr dolo edges. pp moldic p
stain, filmy SFO, sli odor, tr gas bub:

4650

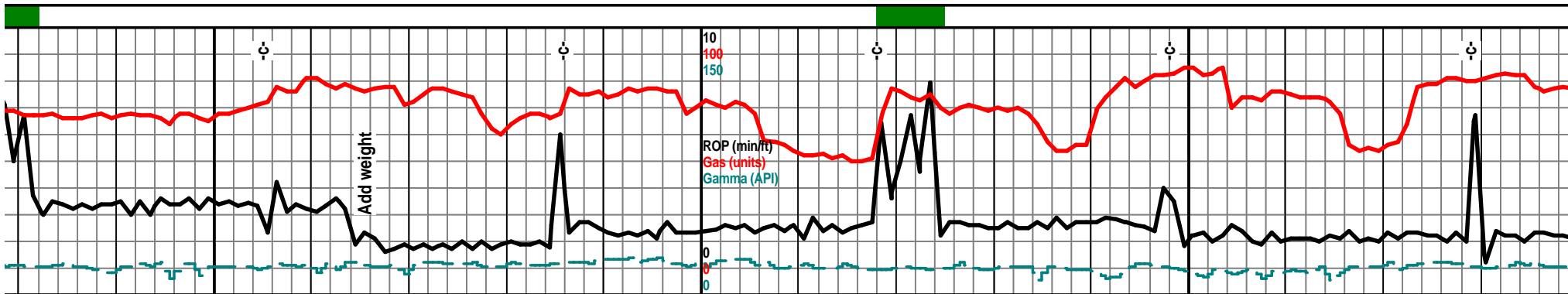
4650



7220	7240	7260	7280	7300	7320	7340	7360
				4550 TVD			
ncr frsh lt gry smokey shrp frsh opa q blky ang :hrt, with weath gran sli trip text edges, weath gran dolo text edges, with inter xln por, moldic/vug por, tan brn stain, filmy SFO, tr gas bubs, dull UV		chrt off wht lt gry tr smokey color shrp frsh opa q with weath gran trip text, pp moldic por, vug por, tan brn stained, tan brn tr blk stain, tr filmy SFO, odor, tr gas bubs		chrt off wht lt gry smoke color, shrp frsh opa q blky ang pcs, with weath sli trip text, weath gran text, tan lt brn stained weath text, tan brn stain, pp moldic por, sli odor, filmy SFO, dull UV		chrt off wht lt gry smokey color, shrp frsh opa q, transl, with weath gran trip text, pp moldic por, tan lt brn to brn stain, tr hvy blk stain, filmy SFO, odor, tr gas bubs, dull UV	
	4609' 90.0 deg @ 358.2 az	4609' 91.1 deg @ 358.7 az		4608' 91.9 deg @ 358.5 az	4608' 88.8 deg @ 357.8 az		4609' 87.3 deg @ 357.6 az
				4600			
chrt, shrp frsh weath gran sli or, tan brn s.	chrt lt gry smokey shrp frsh opa q with weath gran sli trip text, tr dolo weath gran text, pp moldic vug por, tan brn, tr blk hvy stain, odor, filmy SFO, dull UV	chrt off wht lt gry shrp frsh with weath gran trip text, tan lt brn mott color, tan lt brn stain, pp moldic vug por, filmy SFO, gas bubs, sli odor dull UV		chrt off wht lt gry med gry shrp frsh opa q trans, blky ang pcs, chrt aa with weath gran trip edge text, pp moldic por, vug por, tan lt brn stain, dull UV, odor		chrt lt gry off wht smokey color, sh semi transl, blky ang shrds with we text, tan brn mott color, pp moldic p tan lt brn tr blk stain, odor, filmy SF UV, tr crm tan dolo edge	
				4650			



7380	7400	7420	7440	7460	7480	7500	7520	
	4550 TVD			7 am 7450' October 1, 2012		4550 TVD		
chrt lt gry of wht smokey color, shrp frsh opa semi transl, blk ang shards with weath gran trip text, tan brn mott color pp moldic por, vug por tan lt brn tr blk stain, odor, filmy SFO tr gas dull UV		chrt crm tan lt brn mott, gran weath sli trip text, pp moldic por, vug por, tan lt brn mott stain, tr blk stain, tr gas bubs, chrt off wht lt gry smokey, shrp frsh opa with weath gran sli trip edge		chrt crm tan brn mott weath gran sli trip text, pp moldic por, vug por, chrt lt gry off wht smokey shrp frsh opa with weath gran trip text edge, pp moldic por, tan brn stain, blk stain, sli odor, 1st wht off wht f xln soft chlky chrt		chrt lt gry smokey shrp frsh opa blk ang hrd pcs with weath gran trip text/dolo edges, pp moldic por, vug por, tan brn stained, tan brn tr blk stain, sli odor, filmy SFO,		c s tr b
	4610' 87.5 deg @ 358.5 az	4611' 89.3 deg @ 358.9 az		4611' 90.8 deg @ 357.8 az	4611' 91.4 deg @ 357.5 az	4600	4610' 90.7 deg @ 358.0 az	
shrp frsh opa ath gran trip or, vug por, O, tr gas dull		chrt off wht lt gry shrp frsh opa, semi transl, with weath gran sli trip edge, pp moldic, vug por, tan lt brn stain, tr blk stain, sli odor, tr gas dull UV		chrt lt gry off wht smokey shrp frsh blk with weath gran sli trip edge, tan brn mott color, tan lt brn stain, tr blk stain, pp moldic por, sli odor, 1st/dolo tan crm off with, f xln gran soft chrt chlky		chrt lt gry smokey shrp frsh opa blk ang with weath gran trip dolo text edges, pp moldic por, vug por, tan brn mott color, tan lt brn tr blk stain, odor, dull UV tr filmy SFO		chrt off wht lt gry smokey, shrp fr with weath gran trip text edges, ta color, pp moldic por, vug por, tan SFO, sli odor, dull uv
	4650					4650		



7540 7560 7580 7600 7620 7640 7660 7680

Mud-Co. 7586'
wt. 8.4 vis. 27
wl. N/C chl. 900

4550 TVD

hrt lt gry off wht, gry/smokey, shrp frsh opa
ub transl, chrt tan gry brn mott, weath gran trip
ext, pp moldic por, vug por, odor, tan brn stain, tr
ilk hvy stain dull UV, VSSFO/broken

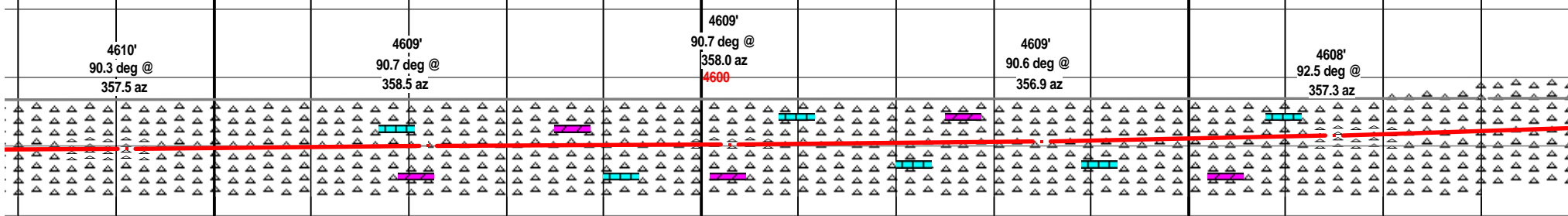
chrt off wht lt gry/smokey color, shrp frsh opa
transl, blk ang pcs with chrt tan gry mott weath
gran trip text, pp moldic, vug por, tan brn stain tr
blk stain, sli odor, dull UV

chrt off wht lt gry smokey shrp frsh opaq semi
transl, chrt tan brn mott shrp frsh with weath sli
trip text, tan brn stain, pp moldic por, filmy SFO,
dolo tan lt grn tint f xln gran soft chlky tr glau tr
chrt with chrt inclu

chrt off wht lt gry smokey as before, mstly chrt
gry smokey shrp frsh with drk tan drk brn stained
sli weath trip text edges/sides, gran weath
pp/moldic por, tan drk brn stain dull UV, sli odor,
lst/dolo wht off wht lt grn tint f xln gran sub chlky
with stained chrt edges,

chrt
gry :
trip :
tan :
as b

Good visible shows!



sh opaq transl
in brn mott
brn stain, filmy

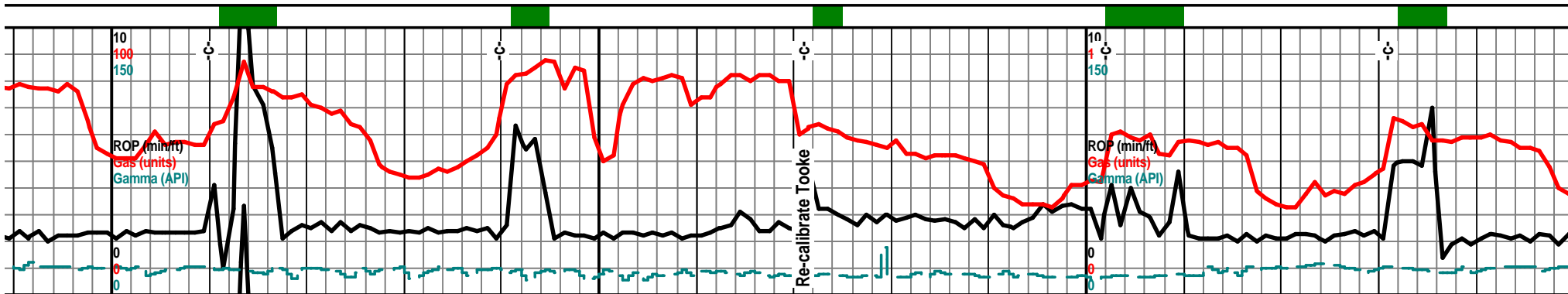
chrt off wht lt gry/smokey shrp frsh opaq sub
transl, with tan gry brn mott weath sli trip text, pp
moldic por, vug por, tan lt brn stain, tr blk stain,
sli odor, dull UV, filmy SFO

chrt off wht lt gry smokey shrp frsh opaq semi
transl, blk ang pcs, with chrt tan gry brn mott
weath trip gran text, pp moldic por, vug por, tan
brn stain, sli odor, filmy SFO, lst/dolo crm tan wht
f xln gran soft chlky tr chrt inclu

chrt off wht smokey as before, chrt drk tan brn,
drk brn stained, sli weath trip text edges/sides, pp
moldic por, vug por, tan brn stain, tr drk brn stain,
sli odor, dull UV, lst/dolo crm tan lt grn tint f xln
sub chlky, chrt, chrt inclu, chrt aa with grn tint
off wht dolo edge with stain

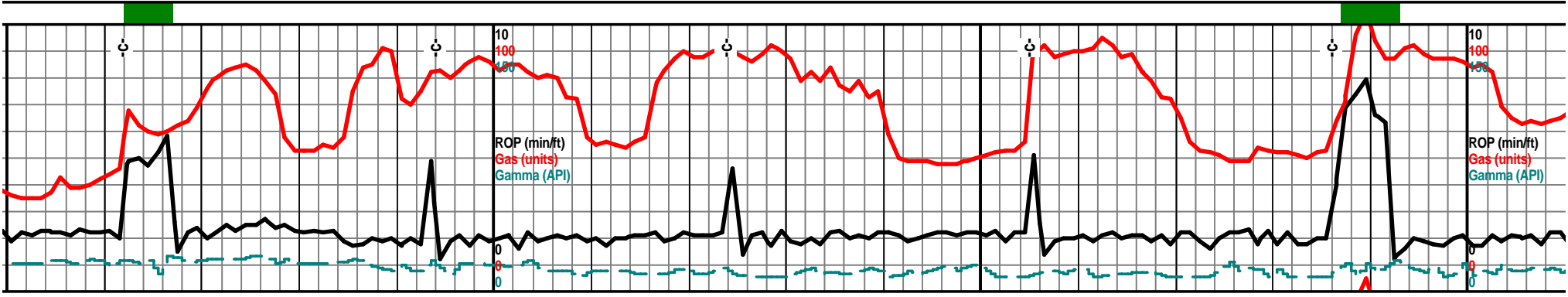
chrt off wht lt gry shrp frsh opaq, m
med gry shrp frsh with drk tan drk l
weath trip text edges/sides, gran w
por tan drk brn stain, dull UV, sli od
before

4650

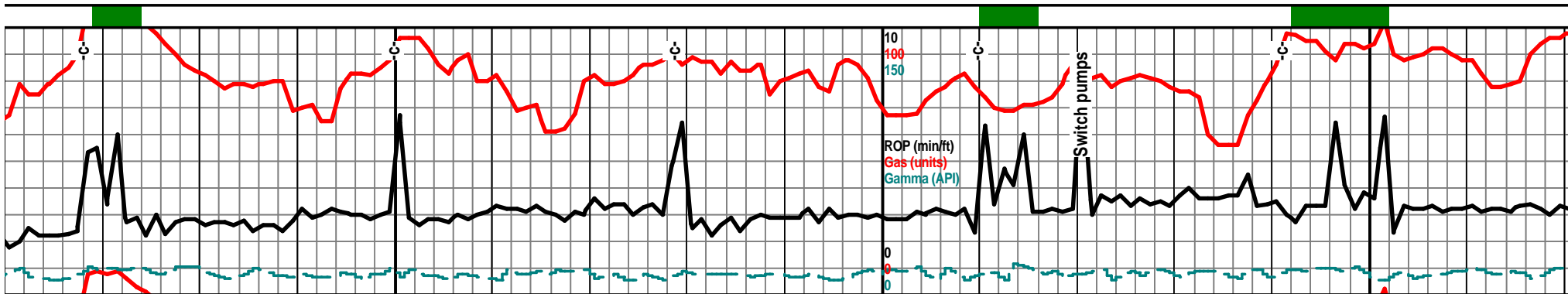


7700 7720 7740 7760 7780 7800 7820 7840

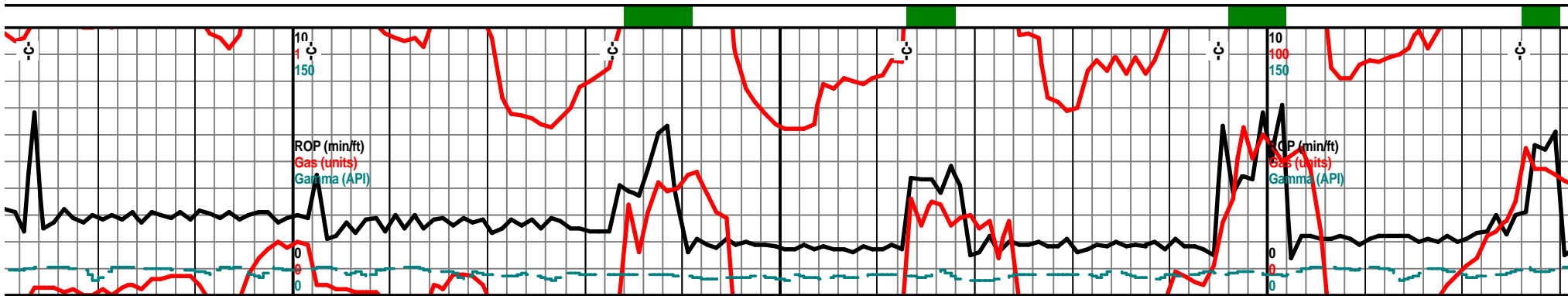
4550 TVD					Bit Trip 7771' 7 am October 2, 2012		4550 TVD			
off wht lt gry smokey as before, mstly chrt shrp frsh with drk tan brn stained sli weath text edge/sides, gran weath pp/moldic por, drk brn stain, dull UV, sli odor, lst/dolo frags before		chrt lt gry smokey shrp frsh opa with tan brn mstly drk brn stained with weath sli trip text edges/sides, tan brn drk brn stain, pp moldic por, sli odor, dull UV,			chrt lt gry smokey to tan brn mott, shrp frsh opa, with sli weath sub trip text, tr soft gran weath edges, tan brn drk brn stained, pp moldic por, sli odor, dull UV		chrt lt med gry, smokey shrp frsh opa, semi transl, chrt gry smokey shrp frsh with weath tan brn stained sli trip text edges, tan brn stain, pp moldic por, dull UV, lst/dolo crm off wht lt f xln gran flky sub chiky, chrty edges with sho aa			ch sh w m U
4607' 92.2 deg @ 356.8 az	4606' 90.0 deg @ 356.9 az	4606' 91.2 deg @ 357.3 az	4605' 91.6 deg @ 357.8 az	4605' 90.5 deg @ 357.6 az	4605' 89.0 deg @ 358.0 az					
istly chrt gry brn stained, sli eath pp moldic lor, lst/dol as	chrt off wht lt gry shrp frsh opa blk ang shards, chrt lt gry smokey shrp frsh with weath tan brn stained trip text, gran weath pp moldic por tan brn mstly drk brn stain, sli odor, dull UV	chrt off wht lt gry shrp frsh opa mstly tl gry smokey frsh with weath tan brn stained sli trip text edges, pp moldic por, tan brn stain, dull UV, lst/dolo wht off wht lt grn tint f xln soft chrty, tr glau	chrt lt gry, gry tan brn mott, tan brn stained sli weath trip text edges/sides, pp moldic por, tan brn drk brn stain, dull UV	trace chrt lt gry smokey shrp frsh op transl, mstly tan brn drk brn mott ser text chrt, tan brn stain, pp moldic, vu SFO, sli odor,						
4650							4650			



7860	7880	7900	7920	7940	7960	7980	8000	
		4550 TVD					4550 TVD	
rt lt gry, smokey shrp frsh opa sub transl, rp blk ang shards, chrt tan brn drk brn mott, aath gran sli trip text, weath edges/sides, pp oldic por, vug por, tan brn stain, filmy SFO, dull /, sli odor		chrt off wht lt gry smoke color, shrp frsh opa, blk ang shrds, semi transl, chrt tan brn stained with weath gran sli trip text edges, crm tan brn stained dolo edges, pp moldic por, vug por, tan brn stain, filmy SFO, odor, dull UV		chrt off wht lt gry smokey color shrp frsh opa blk ang shards, chrt tan lt gry w/ tan brn stained sli weath edges, w/ tan crm dolo edges, tan brn stain pp moldic por, sli odor, dull UV		chrt lt gry lt smokey shrp frsh opaq semi transl with weath sli trip text edges sides, gran, pp moldic por, tan brn stained, dolo tan crm f xln blk sub chiky, with weath tan grn staine chrt inclu, sli odor		chr shr chr dol brn
	4605' 87.9 deg @ 358.0 az	4607' 88.1 deg @ 357.3 az		4607' 89.3 deg @ 358.0 az		4607' 90.3 deg @ 357.8 az	4607' 90.1 deg @ 358.9 az	
		4600					4600	
aq sub ni weath trip g, por, filmy	chrt off wht lt gry smokey, shrp frsh opa, semi transl, chrt lt gry smokey with tan brn drk brn stained weath gran sli trip text edges, pp moldic por, vug por, tan brn drk brn stain, dull UV, sli odor, tr filmy SFO	chrt off wht lt gry smoke color, shrp frsh opaq semi transl, chrt lt gry tan brn mott, tan brn stained sli weath sli trip text edges, pp moldic por, tan brn stain, chrt aa with tan crm off wht f xln dolo edges with tan brn stain, odor, filmy SFO		chrt lt gry lt smokey color shrp frsh opa, with tan brn stained weath sli trip edges, with dolo tan crm off wht f xln gran sub chiky, with weath trip chrt edges, tan brn stain sli odor dull UV		chrt lt gry med gry smokey color, shrp fr semi transl with weath gran trip text ed gry smokey with tan crm off wht dolo ed brn stain tr gas bubs pp moldic por, dull		
		4650					4650	

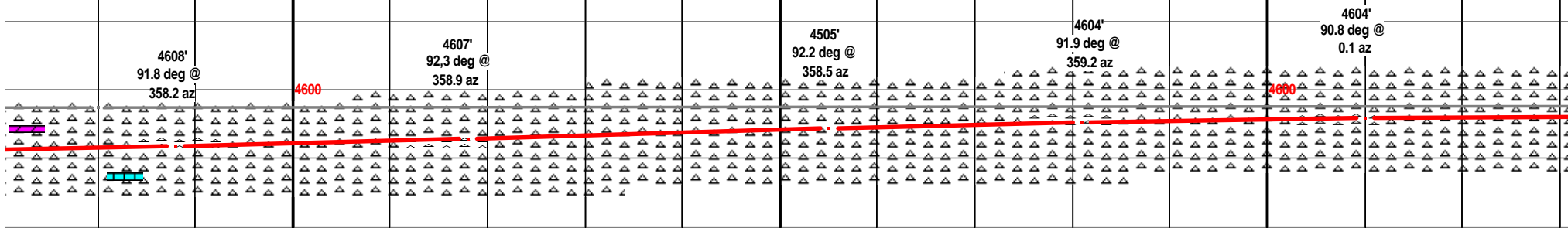


8020	8040	8060	8080	8100	8120	8140	8160
8 am 8073' October 3, 2012				4550 TVD	Mud-Co. 8120' wt. 8.5 vis. 27 wl. N/C chl. 950		
t lt gry med gry smokey color, frsh ang, blkys with weath gran sli trip text edges/sides, t lt gry smokey with tan crm f xln dolo edges, o tan brn mott f xln chrty, pp moldic por, tan stain, odor, tr gas bubs, dull UV	chrt lt gry lt smokey color, shrp frsh opa, transl, blkys ang shards, chrt tan lt gry brn mott color, weath gran sli trip text, pp moldic por, tan brn drk brn stain, odor? dull UV			chrt lt gry smokey shrp frsh opa sub transl, shrp blkys shards, chrt tan gry brn mott weath sli trip text, tan brn stained edges/sides, pp moldic por, tan brn stain tr gas bubs, dull UV, lst/dolo as before		chrt lt/med gry, smokey, shrp frsh opa, with weath sli trip edge, pp moldic por, tan brn stain, dolo tan crm f xln gran soft chrty glau, with chrty edges, tan brn mott stain odor? dull UV	chrt tran brn inclu
	4607' 89.3 deg @ 358.8 az	4608' 89.4 deg @ 357.6 az		4608' 88.5 deg @ 358.7 az	4609' 89.9 deg @ 358.0 az	4609' 91.1 deg @ 358.7 az	
sh opaques, chrt lt ges, tan UV	chrt lt gry med gry smokey shrp frsh opa transl with weath gran trip edge text, chrt tan brn mott stained color, pp moldic por, tr gas, chrt gry with tan brn mott stained dolo, f xln gran sub chiky		chrt lt gry smokey color, shrp frsh opa transl, shrp blkys ang shrds, chrt tan gry brn mott, weath gran trip text, pp moldic por, tan brn stain, dull UV, weath chrt aa with crm tan dolo edge, tan brn stain		chrt lt gry lt smokey shrp frsh opa with weath gran sli trip text, tan brn mott stain, pp moldic por, tan brn stain tr gas, filmy SFO, dolo/lst wht crm f xln soft chiky chrty, glau, chrt inclu	chrt lt gry smokey shrp frsh opa with trip text edges, pp moldic por, tan brn stain crm tan f xln, glau, with weath trip text tan brn stain, pp moldic por, dull UV	
				4650			



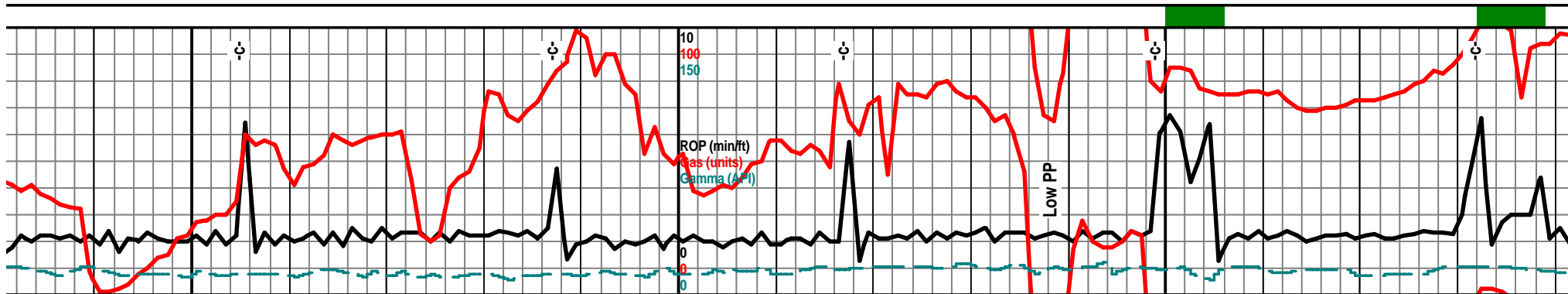
8180 8200 8220 8240 8260 8280 8300 8320

		4550 TVD							4550 TVD		
lt gry off wht lt smokey shrp frsh opa q blky sl shards, with weath sli trip text edges, tan stain, filmy SFO/brkn, dolo tan crm with dolo u, tan brn stain tr glau, sli odor			chrt off wht lt gry smokey shrp frsh opa q, transl shards, weath trip text edges/sides, tan brn stain sli odor, filmy SFO, tr tan crm dolo with chrty inclu, tan brn stain.			chrt lt gry lt smokey shrp frsh opa q transl with weath sli trip text edges/sides, tan brn stained surface, pp moldic por, tan brn stain, film SFO, gas? dull UV			chrt off wht lt gry shrp frsh opa q transl, shrp blk ang shards, with tr weath sli trip edge, stain, chrt lt tan lt brn mott weath gran trip text pp moldic por, tan lt brn stain, filmy SFO/brkn		chrt sha lt br lt br



weath gran tain, dolo chrt inclu,	chrt lt gry lt smokey shrp ang opa q transl shards, with weath sli trip text edges, pp moldic por, tan brn stain, dolo tan crm f lxn glau, chrty, with chrty lt gry opa q weath sli trip edges, tan brn stain sli odor, dull UV		chrt lt gry off wht lt smokey color, shrp frhs opa q transl with weath grn trip text edges, pp moldic por, tan brn stain, filmy SFO, dull UV, incr frsh chrt with weath edges, less dolo/carbonate		chrt off wht lt gry shrp frsh opa q transl, shrp blk ang shards, (spl 80% frsh), with tr weath sli trip edges, pp moldic por, lt tan lt brn stain, dull UV, chrt lt tan lt brn mott, weath gran trip text, pp moldic por tan brn stain filmy SFO/brkn		chrt off wht lt gry tr lt smoke color, frsh s ang transl shards with tr weath edges w/ chrt tan lt brn mott, weath trip text, pp mc tr vug por, tan lt brn stain, dull UV
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4650 4650



8340 8360 8380 8400 8420 8440 8460 8480

4550 TVD

Bit Trip 8449'
7 am October 4, 2012

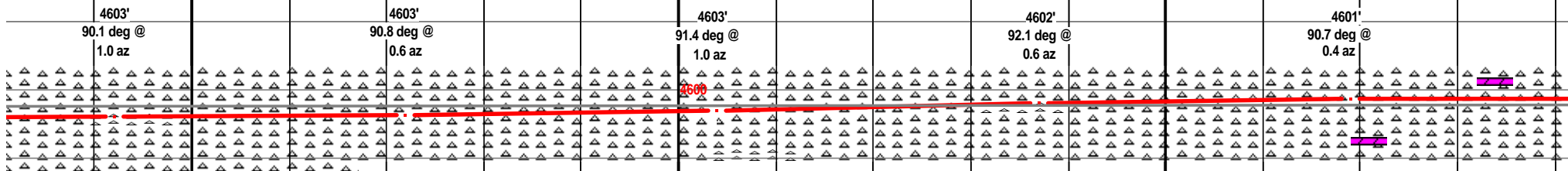
It gry lt smokey shrp frsh blkly ang shrp rds with weath sli trip stained edges, chrt tan n mott weath gran trip text, pp moldic por, tan n stain, filmy SFO/brkn, dull UV

chrt off wht, lt gry, smokey color, shrp frsh opa, transl, blkly ang pcs, with weath, gran sli trip text, pp moldic por, vug por, lt tan lt brn stain, dull UV

chrt off wht lt gry, lt smokey color, shrp frsh opa, semi transl, mstly transp, with weath sli trip edge, tan brn stained, chrt tan crm mott, weath gran text, tan lt brn stain, pp moldic por, sli odor, dull UV, tr filmy SFO

chrt off wht lt gry med gry shrp frsh opa transl, weath sli trip edges, with tan crm chrt f xln dolo edges, pp moldic por, tan brn stain, filmy SFO, poor spl

chrt o with v tan lt text w



shrp blkly stain, moldic por,

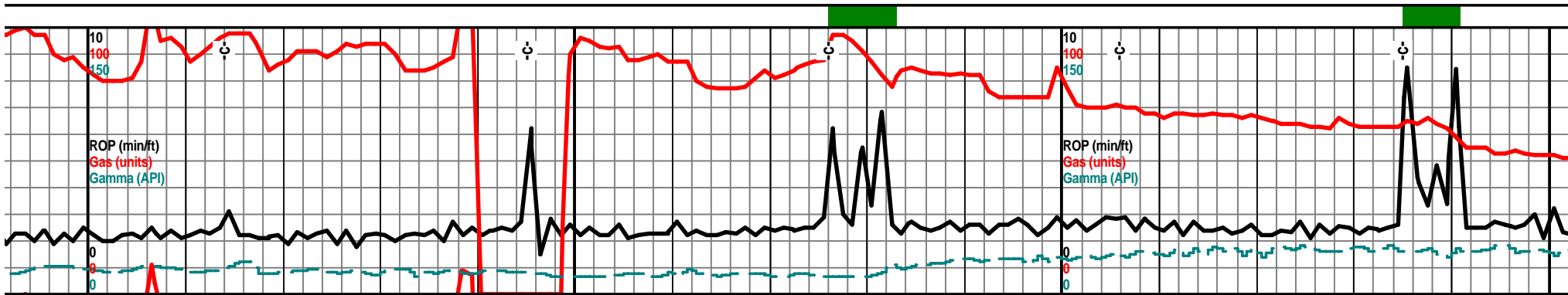
chrt off wht lt gry lt smokey shrp frsh opa, transl, with tr weath trip edge text, lt tan lt brn stain edges, chrt lt tan crm mott pp moldic por, vug por, lt tan lt brn stain, dull UV

chrt off wht lt gry lt smokey, shrp frsh opa, semi transl, mstly transp, with weath sli trip text edge, tan brn stained, chrt tan crm mott, weath gran text, tan lt brn stain, pp moldic por, sli odor, filmy SFO

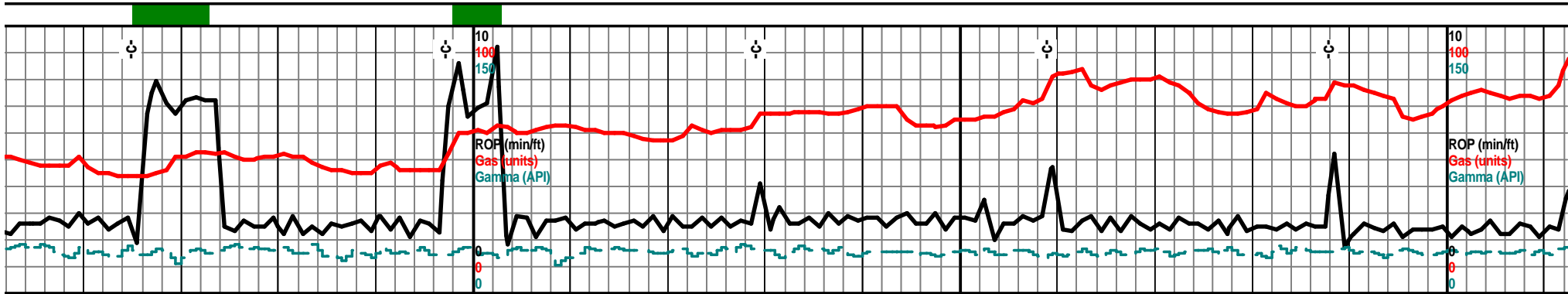
chrt off wht, lt gry, lt smokey gry, shrp frsh opa transl, transp, with sli weath text edges, lt tan/brn stain, chrt crm tan lt brn mott gran weath sli trip text, pp moldic por, tan stain, sli odor, dull UV

chrt off wht lt/med gry shrp frsh blkly opa w weath gran sli trip text, with tan crm weath g dolo edges, pp moldic por, tan brn stain tr VSSFO, tr floating droplets, sli odor, dull UV

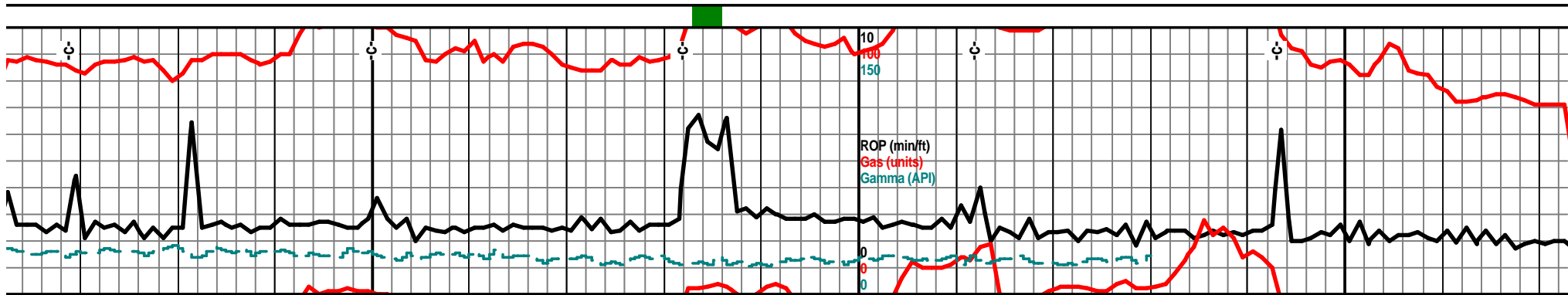
4650



8500	8520	8540	8560	8580	8600	8620	8640
4550 TVD					4550 TVD		
ff with lt gry lt smoke color frsh shrp blkly weath gran sli trip edge/sides, pp moldic por brn stain, chrt tan off wht lt gry weath gran ith dolo edge, stain filmy SFO odor?		chrt off wht lt gry clr shrds, shrp opaq semi transl with weath gran text, pp moldic por tan lt brn stain, filmy SFO, samples are very poor at best. chrt tan brn mott weath trip text, pp moldic por, tan brn stain, gry chrtly inclu		chrt lt gry lt smokey, clr, shrp frsh transl, with weath edges, tan brn stained edges, pp moldic por, chrtly dolo, glau, tan crm fn xln with lt gry chrtly inclu, tan brn stain pp moldic inter xln por, filmy SFO dull UV, odor?		dolo wht off wht crm tan f vf xln gran blkly dns, tr snd grn inclu, chrtly in prt, tr tan brn stain, chrt off wht smokey shrp frsh opaq tr weath edge, tr stain	dolo tan snd grn chrtly inc
Shale shaker off to preserve LCM, samples being caught in bucket at flow line, samples very poor, all LCM and pipe dope, very little cuttings							
4601' 89.3 deg @ 1.1 az	4601' 89.9 deg @ 0.4 az	4601' 89.9 deg @ 0.3 az	4601' 88.9 deg @ 359.6 az	4602' 87.8 deg @ 0.1 az	461'		461' 88.4 deg @ 0.9 az
4600'					4600'		
ith ran gas	chrt off wht lt gry shrp frsh opaq semi transl, with weath gran sli trip text, pp moldic por, tan lt brn stain tr filmy SFO, chrt lt gry with chrtly gran weath dolo edge, tr glau, pp moldic por, stain, dull UV	chrt lt gry lt smokey, clr, shrp frsh opaq transl with weath sli trip edges, tan brn stained, chrtly dolo, dolo crm tan f vf xln blkly ang glau, with chrtly edges, tan brn stain, vssfo/brkn, chrt tan brn mott weath trip text, pp moldic por, tan brn stain tr drk brn hvy stain gas bubs	chrt off wht lt gry tr clr, shrp frsh opaq mstly trans, with weath gran sli trip edge text, chrt tan lt gry tan crm f xln dolo edges with tan brn stain, pp moldic por, dolo/lt crm wht f xln blkly ang gran glau dns tite with tan brn stain	dolo tan crm off wht f vf xln dns hrd blkly tr glau, tr snd grn inclu, tr tan brn edge st lt gry smokey shrp frsh opaq with tr weath text, tr pp moldic por, tr brn stain			
4650					4650		



8660	8680	8700	8720	8740	8760	8780	8800	
		4550 TVD					4550 TVD	
n off wht lt gry f vf xln dns hrd blkly ang, incl, tr glau, tr chrt, tr wht clr transl frsh :lu NS		dolo wht off wht crm f vf xln dns hrd blkly tr sub chky, tr glau, tr snd grn incl, chrt clr lt gry shrp frsh opaqt transl		dolo wht off wht crm f vf xln gran blkly ang dns pcs, tr glau, tr snd grn incl, chrt clr lt tan frsh shrp opaqt transp, tr brn stain		dolo crm tan off wht f vf xln dns blkly ang sub chky, tr glau, tr snd grn incl, chrt in prt, chrt lt gry clr shrp frsh transp, tr edge stain		dolo tan pcs, tr g brn stain transl, tr
03' g @ 1 az	4604' 89.4 deg @ 359.2 az	4604' 90.2 deg @ 358.7 az	4604' 90.4 deg @ 359.6 az	4604' 90.5 deg @ 359.0 az	4604' 90.5 deg @ 359.0 az	4604' 90.5 deg @ 359.0 az	4604' 90.5 deg @ 359.0 az	
ang pcs, tain, chrt th trip	dolo crm tan sli lt gry, f vf xln blkly dns hrd, sub chky in prt, snd grn incl, tr chrt, tr lt gry clr transp, transl opaqt chrt	dolo wht off wht crm f vf xln dns hrd blkly ang pcs, tr glau, tr snd grn incl, tr chrt wht offwht clr transl, transp shrp frsh		dolo off wht crm tan f vf xln dns hrd blkly ang sub chky in prt, tr glau, snd grn incl, chrt, chrt clr lt gry shrp frsh opaqt, tr brn stain			dolo lt crm /gry tan f vf xln gran sub chlt tr snd grn incl, chrt in prt, chrt lt gry/c blkly transl, transp, tr inter xln por, mstly tr brn some blk stain	
		4650					4650	



8820	8840	8860	8880	8900	8920	8940	8960
		7 am 8862' Saturday, Oct. 6, 2012		4550 TVD	Mud-Co. 8911' wt. 8.7 vis. 31 wl. N/C chl. 1050		Bit Sunday Lost return
lt gry/off wth f vf xln dns hrd blkly ang glau, tr snd grn inclu, tr edge stain, brn drk n, tr inter xln por, chrt lt gry/clr shrp frsh ransp		dolo lt tan/lt gry off wth f vf xln dns hrd blkly ang dns tr glau, tr snd grn inclu, tr chrtly in prt, chrt off wth lt gry shrp frsh transp, opaqa, tr inter xln por, mostly tite dns, incr tan brn stain poor show!		dolo crm off wth lt gry f vf xln dns hrd blkly ang pcs, tr snd grn inclu, tr glau, chrtly in prt, tr tan brn stain, chrt lt gry clr opaqa transp shrp frsh shards,		dolo crm tan off wth f vf xln blkly ang dns hrd, tr glau, tr snd grn inclu, chrt lt gry clr shrp frsh opaqa transp, tr tan brn stain	dolo crm tan lt tr glau, tr chrtly NSFO, No odo transp in most
	4603' 90.5 deg @ 358.9 az	4603' 90.4 deg @ 359.2 az	4603' 91.1 deg @ 358.7 az	4602' 91.2 deg @ 359.0 az			
				4680			
ky, tr glau, :lr shrp r dns tite,	dolo off wth lt gry/tan f vf xln dns hrd blkly ang pcs, tr glau, tr snd grn inclu, chrtly in prt, chrt lt gry/clr shrp frsh opaqa transp, incr tan brn stain in dolo, tr inter xln por, mstly dns tite	dolo tan crm off wth f vf xln blkly ang hrd dns, tr snd grn inclu, tr glau, some tan drk brn stain, chrt clr lt gry shrp opaqa transl,			dolo crm off wth tan f vf xln dns hrd blkly ang pcs, tr snd grn inclu, tr glau, tr tan brn stain, tr chrtly, chrt lt gry clr, transp, sli opaqa, shrp frsh shards	chrt off wth lt gry/crm f vf xln dns hrd blkly pcs, tr glau, tr snd grn inclu, tr tan brn stai chrtly, chrt lt gry clr transp, shrp frsh blkly shards	
				4650			

