



Scale: 5" / 100'  
Measured Depth Log

Well Name Sickler 26C\_34HZ

Location SWSE: SEC 34, TWP 2N 67W 6 PM

State COLORADO

County WELD

Country U.S.A.

Rig Number XTREME 6

API Number 05123393790000

AFE # 2094575.DRL

Region D-J BASIN

Field WATTENBERG

Spud Date 7/27/2014

Drilling Completed 8/4/2014

Surface Coordinates 417' FSL, 1425' FEL

Bottom Hole Coordinates 50' FFSSL, 290' FFELL

Ground Elevation 4,949'

K.B. Elevation 4,969

Logged Interval 7,300' To 13,355'

Total Depth 13,355

Formation CODELL

Type of Drilling Fluid LSND/ PHPA

## Operator

Company Anadarko

Address Granite Tower  
1099 18th St. #1800  
Denver, CO 80202  
(JG)(Zh)

## Geologist

Name ISAAC SMITH & TRAVIS GREGORY (LATERAL)

Company COLUMBINE LOGGING INC.

Address 2385 S. Lipan Street  
Denver, CO 80223  
Phone: 303-289-7764  
(JG)(Zh)

## Zone Color Coding

Oil  
Note  
Error

Condensate  
Core  
Water

G  
Pl  
S

Rock Types

UNKNOWN	COAL	MARLSTONE	SHALY SANDSTONE
ANHYDRITE	CONGLOMERATE	METAMORPHIC	SHALY SILTSTONE
BENTONITE	DOLOMITE	NO SAMPLE	SILTY SHALE
BRECCIA	DOLOMITIC LIMESTONE	SALT	SILTSTONE
CHALK	GRANITE	SANDSTONE	TILL
CEMENT	GYPSUM	SALT-PEPPER SAND	TUFF
CHERT	IGNEOUS	SHALE	WELDED TUFF
CLAY CHOKE SAND	SIDERITE or LIMONITE	SHALE COLORED	
CLAYSTONE	LIMESTONE	SHALE GRAY	

Accessories

GASTROPOD	ARGILLITE GRAIN	HEAVY MINERAL	
INOCERAMUS	B BENTONITE	K KAOLIN	
ALGAE	BITUMENOUS SUBSTANCE	M MARCASITE	ANHYDRITE STRINGER
AMPHIPORA	BRECCIA FRAGMENTS	M MARLSTONE	BENTONITE STRINGER
BELEMNITE	C CALCAREOUS	M MICACEOUS	COAL STRINGER
BIOCLASTIC	P PELLET	MINERAL CRYSTALS	DOLOMITE STRINGER
BRACHIOPOD	P PISOLITE	N NODULES	GYPSUM STRINGER
BRYOZOA	PLANT REMAINS	PHOSPHATE PELLETS	LIMESTONE STRINGER
CEPHALOPOD	COAL - THIN BEDS	P PYRITE	MARLSTONE (CALC) STRG
CORAL	D DOLOMITIC	S SALT CAST	MARLSTONE (DOL) STRG
CRINOID	STROMATOPOROID	S SANDY	SANDSTONE STRINGER
ECHINOID	FERRUGINOUS PELLET	S SIDERITE	SHALE STRINGER
FISH	F FERRUGINOUS	S SILICEOUS	SILTSTONE STRINGER
FORAMINIFERA	ANHYDRITIC	S SILTY	
F FOSSIL	ARGILLACEOUS	T TUFFACEOUS	

Oil Show

P PINPOINT
V VUGGY






































Engineering

D DEAD
E EVEN
Q QUESTIONABLE
B BIT
S SPOTTED STAINING
C CONNECTION (UP)

Porosity

C CONNECTION (DOWN)
E EARTHY
F FENESTRAL
T TRIP GAS
F FRACTURE
T TRIP GAS (LEFT)
I INTERCRYSTALLINE
D DOWN TIME GAS
I INTEROOLITIC
D DOWN TIME GAS
M MOLDIC
C CORE - LOST
O ORGANIC
C CORE - RECOVER

Other Symbols

	DST INTERVAL		WIRELINE TESTED - LEFT		E EARTHY
	FAULT		WIRELINE TESTED - RT		FX FINELYXLN
	FORMATION TOP		DRILL STEM TEST		GS GRAINSTONE
	GAS SHOW		MINDEPTH MN DEPTH		L LITHOGRAPHIC
	OIL SHOW				MX MICROXLN
	MN DEPTH UP				MS MUDSTONE
Rounding					
	MN DEPTH (DOWN)		A ANGULAR		PS PACKSTONE
	S NORMAL FAULT		R ROUNDED		WS WACKSTONE
	OVERTURNED STRATA		B SUBANG		
	REVERSE FAULT		N SUBRND		
Sorting					
	CASING				M MODERATE
Textures					
	SIDEWALL CORE (LEFT)				P POOR
	SIDEWALL CORE (RIGHT)		BS BOUNDSTONE		W WELL
	SLIDE		C CHALKY		
	SURVEY		CX CRYPTOXLN		

ROP  
ROP  
GAMMA

Total Gas & Chromatograph

GAS  
C1  
C2  
C3  
C4

Depth Labels

% Lith

Well Bore  
TVD

Oil Show

Images

BEGIN SICKLER 26C-34HZ AT 7,300' MD.  
DRILLING 8.75" HOLE. BIT #1, SMITH, SD1611.  
DEPTH IN: 1,292' MD. KOP: 7,265' MD.

ROP & GAS DATA PROVIDED BY  
PASON - GAMMA & SURVEY DATA  
PROVIDED BY BAKER HUGHES.

BEGIN COLUMBINE LOGGING INC.,  
1-MAN LOGGING 7/30/2014.

GAS CHROMATOGRAPH FOR GAS  
PERCENTAGES NOT OFFERED BY PASON.

Bit #: 1  
Type: SMITH SD1611  
Size: 8.75  
Depth In: 1,292.  
Depth Out: 7,260.  
Total Drilled: 5,968..  
Hours: 24 ...  
Avg Ft/Hr: 248.67 ...  
Jets: 6x16  
S/N: JU2940

140

112

125

151

157

128

2000  
200000

GAS (units)  
C1-C4 (PPM)

88u

THE IDEALIZED INTERPRETATION OF THE  
WELLBORE LITHOLOGY IS NOT TO SCALE.

SCAVENGER TANK IN OPERATION  
WITH FOUR TOTAL SHAKERS.

ACETONE WAS USED AS THE CUTTING AGENT  
WITH THE DIMPLE FILLED TO THE RIM. THE  
RATINGS ARE BASED ON 7 DESCRIPTORS:  
NONE, SLIGHT TRACE, TRACE, FAIR,  
MODERATE, GOOD, AND EXCELLENT. THE  
LOGGERS OBSERVATIONS AND BEST  
JUDGMENT OF BRILLIANCE, COLOR AND  
LONGEVITY OF THE CUT.

100' SAMPLE INTERVAL  
100' SAMPLE DESCRIPTION

MD: 7,255  
TVD: 7,011.58  
Incl.: 0.77 -  
Azim.: 202.8 -  
VS: -951.7

MD: 7,297  
TVD: 7,053.57  
Incl.: 2.24 -  
Azim.: 3.09 -  
VS: -951.15

SLTY SH: med-dk gy-blk, sb blkv-sb pty, frm-  
mod frm, sl fri, sl gt slty, v sl calc; difse sl  
stmg dul bl-wh cut, thn dul bl resd ring

WT IN 10.4/ OUT 10.3  
VIS IN 49/ OUT 45

MD: 7,340  
TVD: 7,096.41  
Incl.: 7.17 -  
Azim.: 13.05 -  
VS: -947.69

WT IN  
VIS IN

MD  
TVD  
Incl  
Azim  
VS

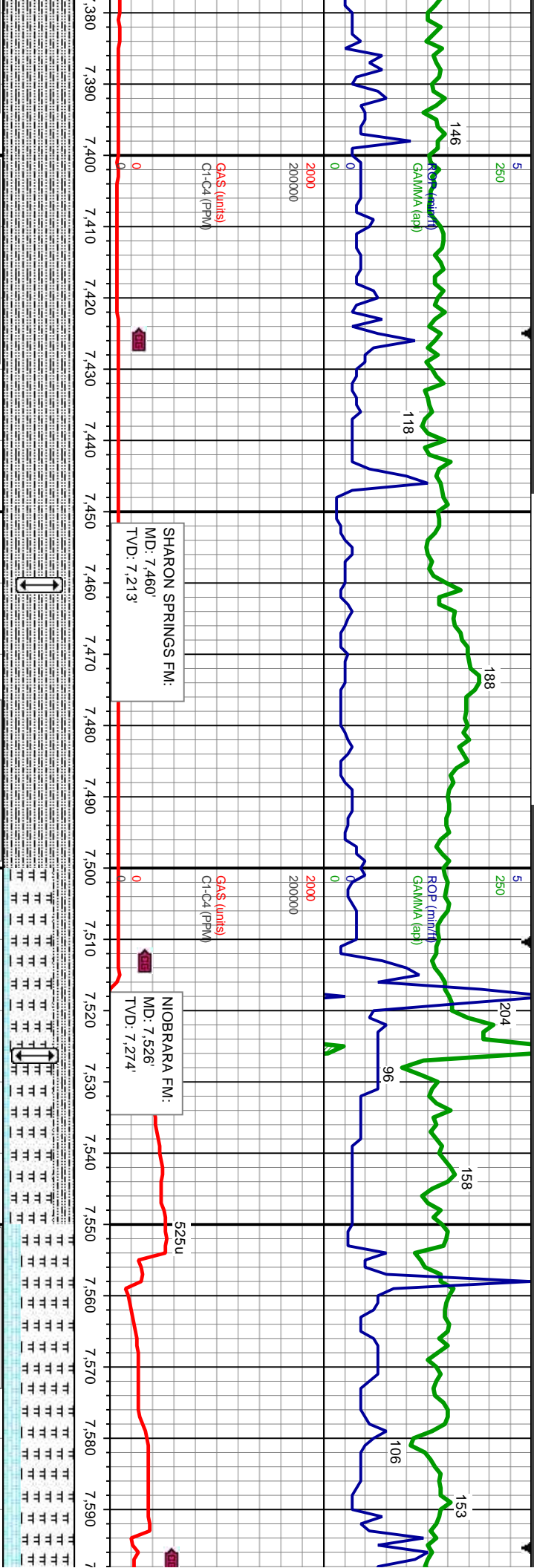
SLTY SH: med-dk gy-blk, sb blkv-sb pty, frm- mod frm, sl fri, sl gt slty, -  
v sl calc, rr bent; difse sl stmg dul bl-wh cut, thn du bl resd ring

E  
G  
M  
F  
T  
P

E  
G  
M  
F  
T  
P

7500





10.3/ OUT 10.3 48/ OUT 46	50 SAMPLE INTERVAL	WT IN 10.2/ OUT 10.2 VIS IN 46/ OUT 46	6500	WT IN 10.1/ OUT 10.1 VIS IN 43/ OUT 43
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MD: 7.425  
TVD: 7.179.48  
Incl.: 16.92 -  
Azim.: 2.54 -  
VS.: -930.38

MD: 7.468  
TVD: 7.220.06  
Incl.: 21.58 -  
Azim.: 2.6 -  
VS.: -916.22

MD: 7.511  
TVD: 7.259.32  
Incl.: 26.54 -  
Azim.: 358.52 -  
VS.: -898.71

MD: 7.553  
TVD: 7.296.17  
Incl.: 30.76 -  
Azim.: 357.02 -  
VS.: -878.59

MD: 7.596  
TVD: 7.332  
Incl.: 35.66  
Azim.: 357  
VS.: -855.0

7.383.  
D: 7.138.81  
m.: 11.89 -  
m.: 11.36 -  
-940.73

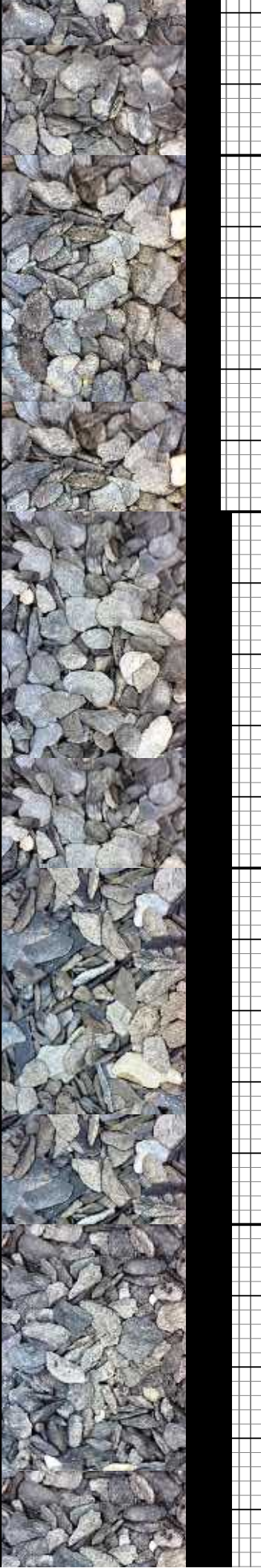
TVD SCALE CHANGE

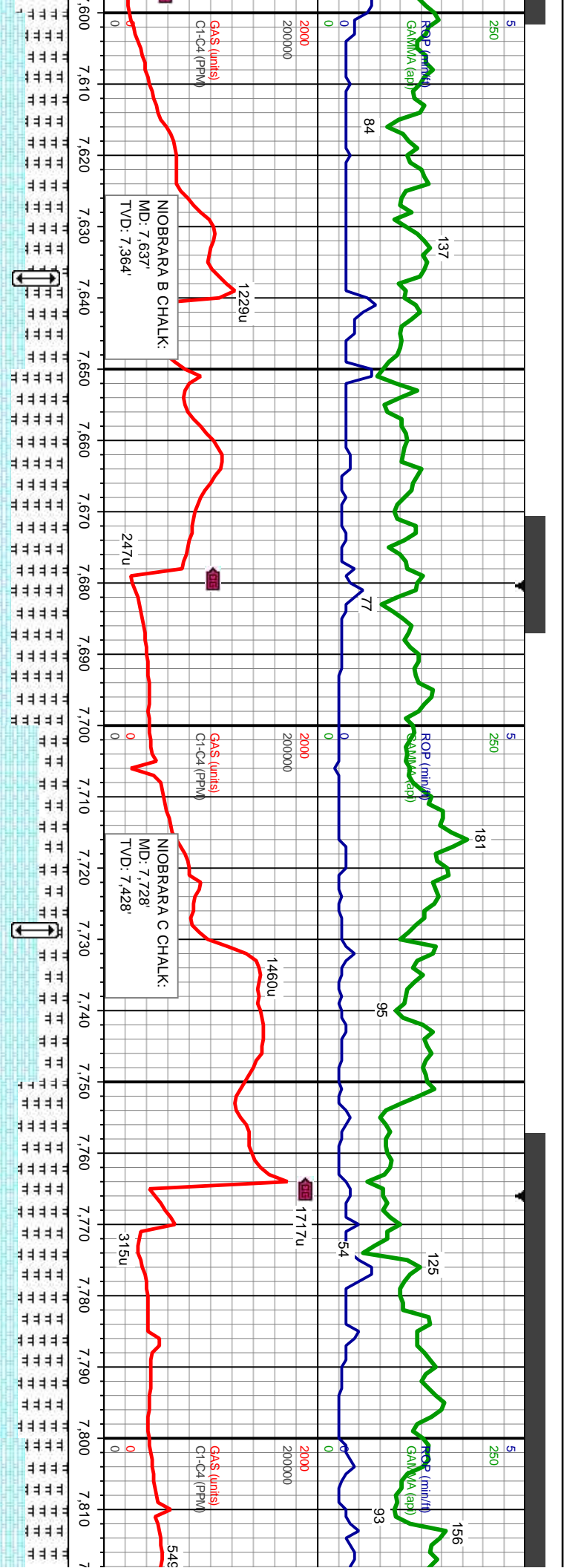
SL TY SH: med-dk gy-blk, sb blk-ly-sb ply, frm-  
mod frm, sl fri, sl gt silty, v sl calc, com bent;  
disse sl string dul bl-wh cut, thin dul bl resd ring

SL TY SH: med-dk gy-blk, sb blk-ly-sb ply, frm-  
mod frm, sl fri, sl gt silty, v sl calc, rr bent; disse  
sl string dul bl-wh cut, thin dul bl resd ring

MRLST: med-dk gy, sb blk-ly-sb ply, frm, arg,  
v calc, com bent, rr cal frags, v rr pyr; CHK:  
med gy-lt gy, sb blk-ly-sb ply, sft-sl frm, sl  
arg, v calc; SLTY SH: aa, disse hvy string wi  
mod-g bl-wh cut, thk bri bl ring

CHK: med gy-lt gy, sl mot tex, sb blk-ly-sb ply,  
sft-sl frm, sl arg, v calc; MRLST: med-dk gy, sb  
blk-ly-sb ply, frm, arg- sl silty, v calc, tr calc frag;  
disse hvy string wi mod-g bl-wh cut, thk bri bl ring

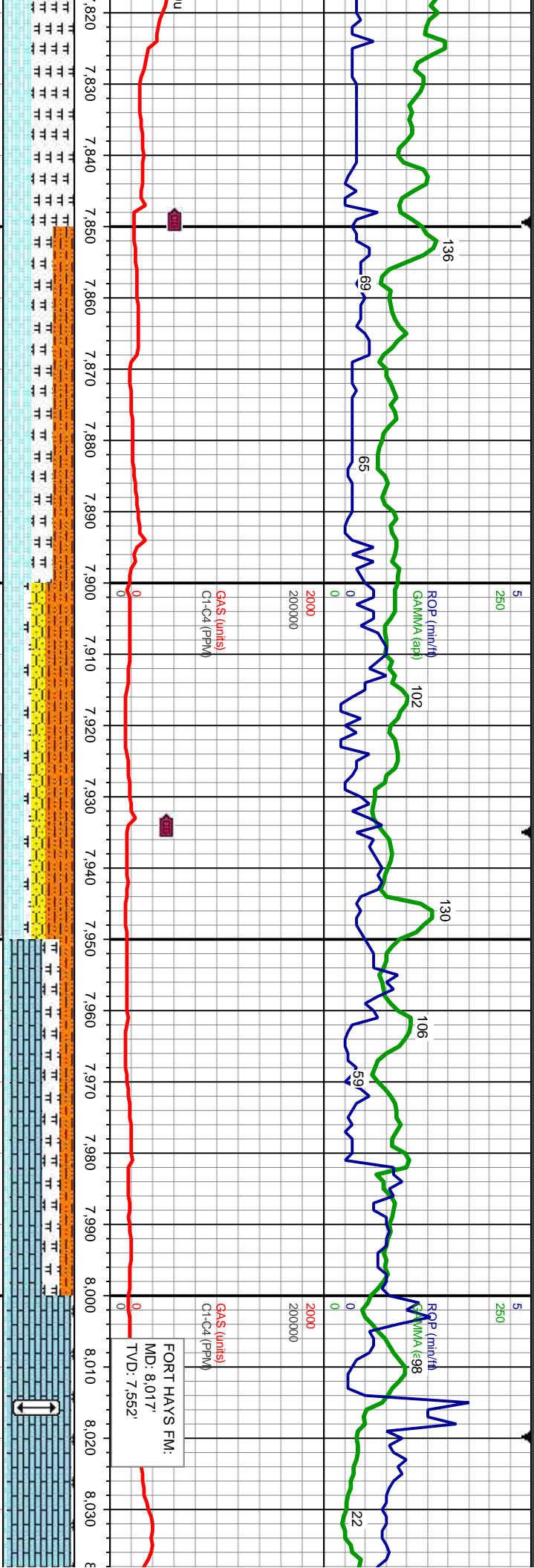




WT IN 10/ OUT 10 VIS IN 43/ OUT 43		WT IN 10.3/ OUT 10.3 VIS IN 45/ OUT 45	
MD: 7.638 TVD: 7.365.23 Incl.: 40.3 Azim.: 0.37 VS.: -829.23		MD: 7.724 TVD: 7.425.58 Incl.: 50.29 Azim.: 357.5 VS.: -768.13	
MD: 7.681 TVD: 7.396.74 Incl.: 45.43 Azim.: 358.87 VS.: -799.99		MD: 7.766 TVD: 7.450.98 Incl.: 55.25 Azim.: 356.35 VS.: -734.75	
MD: 7.808 TVD: 7.473.71 Incl.: 59.21 Azim.: 356.26 VS.: -699.51			
MRLST: med-dk gy-blk, sb blk-y-sb pily, frm, arg, sl silty, sl mot ip, v calc, tr inoc, tr cal frags; CHK: med gy-it gy, rthy tex, sb blk-y-sb pily, sft-sil frm, sl arg, v calc, difse hvy stimg wi mod-g bl-wh cut, thk bri bl ring		MRLST: med-dk gy-blk, sb blk-y-sb pily, frm, sl arg, sl silty, mot, v calc, tr cal; CHK: med gy-it gy-lbn, rthy tex, sb blk-y-sb pily, sft-mod frm, sl arg, v calc, tr cal frags, tr inoc, tr pyr, stimg lt-bl-si-wh flor, dul bl, radg resdl ring	
MRLST: med-dk gy-blk, sb blk-y-sb pily, frm, arg, sl silty, sl mot ip, v calc, tr inoc, tr cal frags; CHK: med gy-it gy, rthy tex, sb blk-y-sb pily, sft-sil frm, sl arg, v calc, difse hvy stimg wi mod-g bl-wh cut, thk bri bl ring		MRLST: med-dk gy-blk, sb blk-y-sb pily, frm, sl arg, sl silty, mot, v calc, tr cal; CHK: med gy-it gy-lbn, rthy tex, sb blk-y-sb pily, sft-mod frm, sl arg, v calc, tr cal frags, tr inoc, tr pyr, stimg lt-bl-si-wh flor, dul bl, radg resdl ring	
MRLST: med-dk gy-blk, sb blk-y-sb pily, frm, arg, sl silty, sl mot ip, v calc, tr inoc, tr cal frags; CHK: med gy-it gy, rthy tex, sb blk-y-sb pily, sft-sil frm, sl arg, v calc, difse hvy stimg wi mod-g bl-wh cut, thk bri bl ring		MRLST: med-dk gy-blk, sb blk-y-sb pily, frm, sl arg, sl silty, mot, v calc, tr cal; CHK: med gy-it gy-lbn, rthy tex, sb blk-y-sb pily, sft-mod frm, sl arg, v calc, tr cal frags, tr inoc, tr pyr, stimg lt-bl-si-wh flor, dul bl, radg resdl ring	







MD: 7.850  
TVD: 7.493.99  
Incl.: 63.06  
Azim.: 357.7  
VS: -662.79

MD: 7.893  
TVD: 7.512.27  
Incl.: 66.61  
Azim.: 359.62  
VS: -623.89

MD: 7.935  
TVD: 7.527.8  
Incl.: 69.97  
Azim.: 1.11  
VS: -564.87

MD: 7.978  
TVD: 7.541.53  
Incl.: 72.81  
Azim.: 2.65  
VS: -544.15

MD: 8.021  
TVD: 7.563.38  
Incl.: 75.19  
Azim.: 4.18  
VS: -502.9

gy-blk, sb blkly-sb ply, frm, v calc, tr cal; CHK: med y tex, sb blkly-sb ply, sft-mod c, tr cal frags, tr lnoc; stmg bl-wh mky cut; thn bri bl-wh resd ring

WT IN 10.4/ OUT 10.3  
VIS IN 42/ OUT 41

MRSLT: aa,CHK:aa: SHY SLTST: lt gy-med gy, sb-blkly-sb-ply, med-v frm, sily-tr sdy; SHY SS: gy-dk-gry, sl brn, grn, med-c gr, mod-v frm, sb-rnd-rnd, mod strd, mod cons, sl calc cnt; mod stmg bl-wh mky cut; thn bri bl-wh resd ring

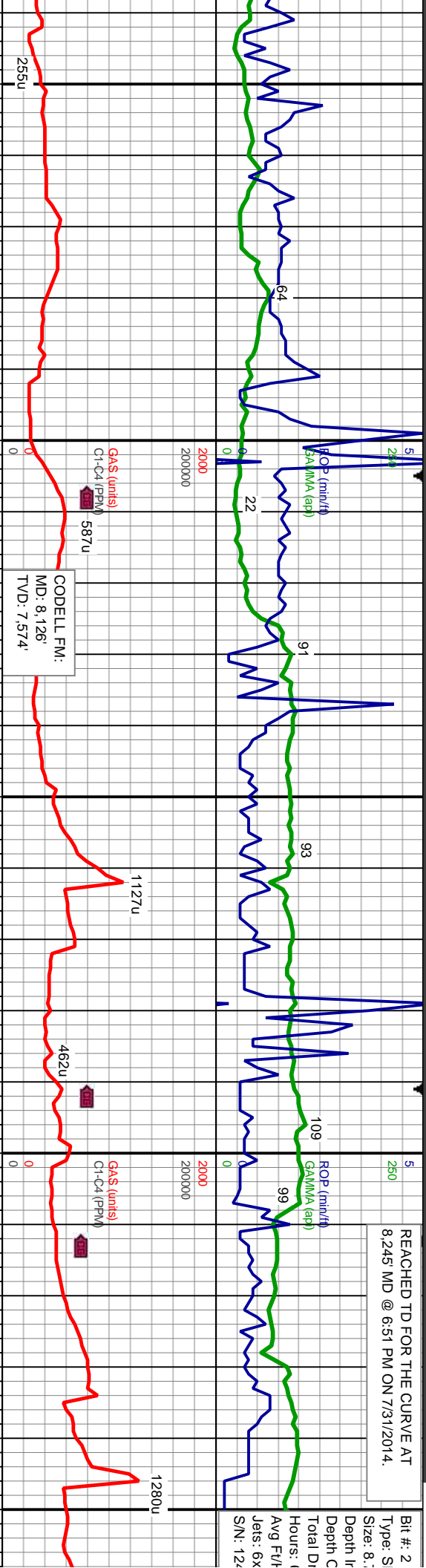
MRSLT: aa,CHK: aa: SHY SLTST: lt gy-med gy, sb-blkly-sb-ply, med-v frm, sily-tr sdy; LS: crm-offwh-lt brn, sb ply-ply, frm-hd, cyxln-mcxln, sl dolc-dolc, calc, mod stmg bl-wh mky cut; thn bri bl-wh resd ring

LS: crm-offwh-lt brn, sb ply-ply, frm-hd, cyxln-mcxln, sl dolc-dolc, calc MRSLT: aa,CHK: aa: lt bl flor wi g bri bl-wh difse cut, bri bl resd sl gn ring



REACHED TD FOR THE CURVE AT  
8,245 MD @ 6:51 PM ON 7/31/2014.

Bit #: 2  
Type: S  
Size: 8.  
Depth Ir  
Depth C  
Total Di  
Hours: 1  
Avg Ft/L  
Jets: 6x  
S/N: 12-



WT IN 10.5/ OUT 10.4  
VIS IN 45/ OUT 45

WT IN 10.3/ OUT 10.3  
VIS IN 43/ OUT 43

PROJECTED TO BIT

LS: crm-offwht-lt brn, sb pily-pily, frm-hd,  
cyxln-mcxln, sl dolc-dolc, calc; lt bl flor wl  
g bri bl-wh disse cut, bri bl resdl sl gn ring

LS: crm-offwht-lt brn, sb pily-pily, frm-hd,  
cyxln-mcxln, sl dolc, calc; lt bl flor wl g  
bri bl-wh disse cut, bri bl resdl sl gn sing

SS: lt-med brn, lt gry-med-gry, mot, med gr-c gr,  
mod-v frm, sb-rnd-rnd, mod-w strd, mod cons,  
sl calc cmt; LS: crm-offwht-lt brn, sb pily-pily,  
frm-hd, cyxln-mcxln, sl dolc-dolc, calc; lt bl flor  
wl g bri bl-wh disse cut, bri bl resdl sl gn sing

SS: lt-med brn, lt gry-med-gry, mot, med gr-c gr,  
mod-v frm, sb-rnd-rnd, mod-w strd, mod cons, sl  
calc cmt; LS: crm-offwht-lt brn, sb pily-pily,  
frm-hd, cyxln-mcxln, sl dolc-dolc, calc; disse  
stng wl mod bl-wh cut, thn bri bl-wh resdl sing

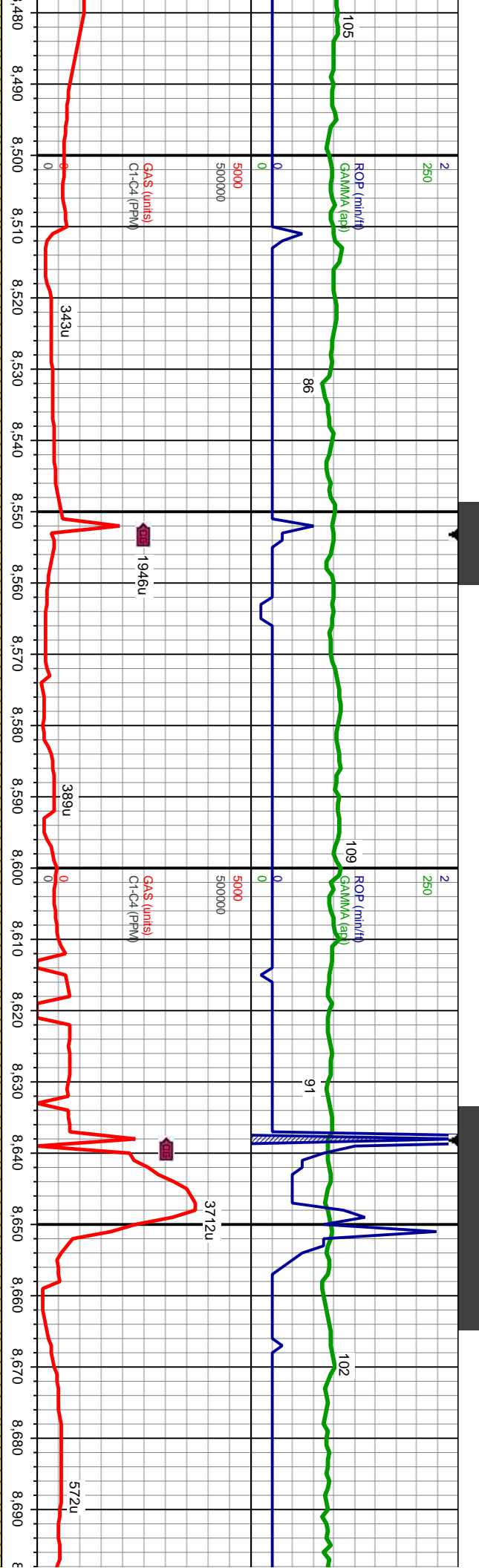
SS: lt  
gr-c  
mod  
bl-wh











MD: 8.502.  
TVD: 7.588.6.  
Incl.: 90.24 -  
Azim.: 359.05 -  
VS: 25.14.

MD: 8.587.  
TVD: 7.587.6.  
Incl.: 91.1 -  
Azim.: 358.8 -  
VS: 59.85.

MD: 8.672.  
TVD: 7.586.33.  
Incl.: 90.61 -  
Azim.: 358.9 -  
VS: 144.82.

8000	SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm, brit, sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; dlfsse stmg, wi strgs ip, bl-wh cut, thn bri bl-wh resd ring
8000	SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm, sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; dlfsse stmg, wi strgs ip, bl-wh cut, thn bri bl-wh resd ring

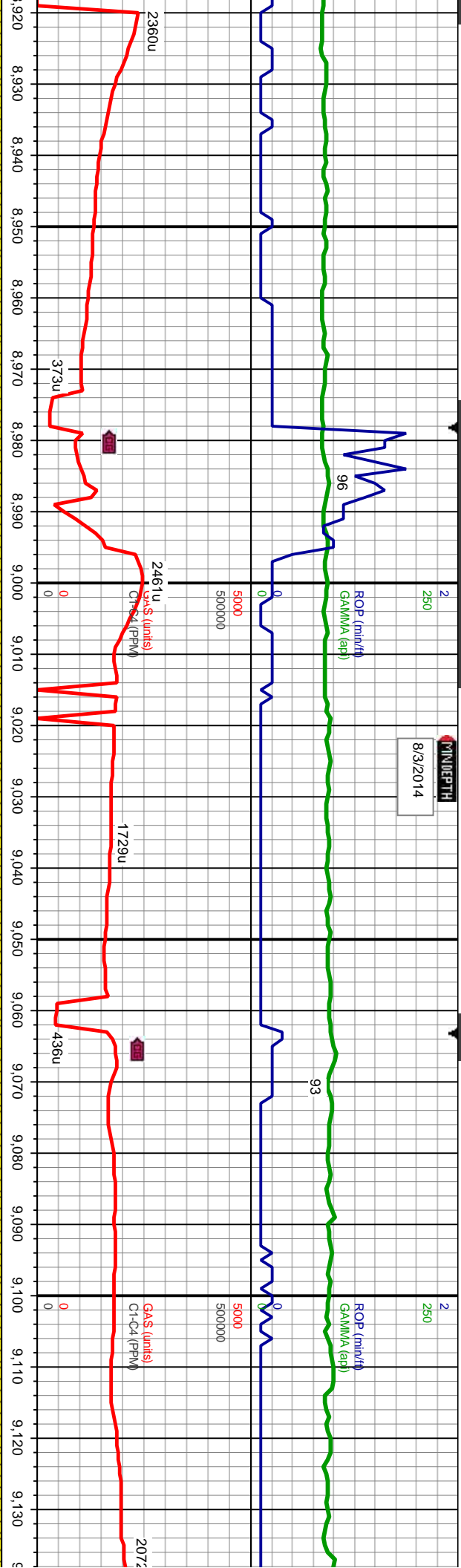






MINDEPTH

8/3/2014



MD: 8.927.  
TVD: 7,582.86.  
Incl.: 89.96 -  
Azim.: 358.76 -  
VS: 399.74.

MD: 9.012.  
TVD: 7,583.9.  
Incl.: 88.63 -  
Azim.: 358.07 -  
VS: 484.7.

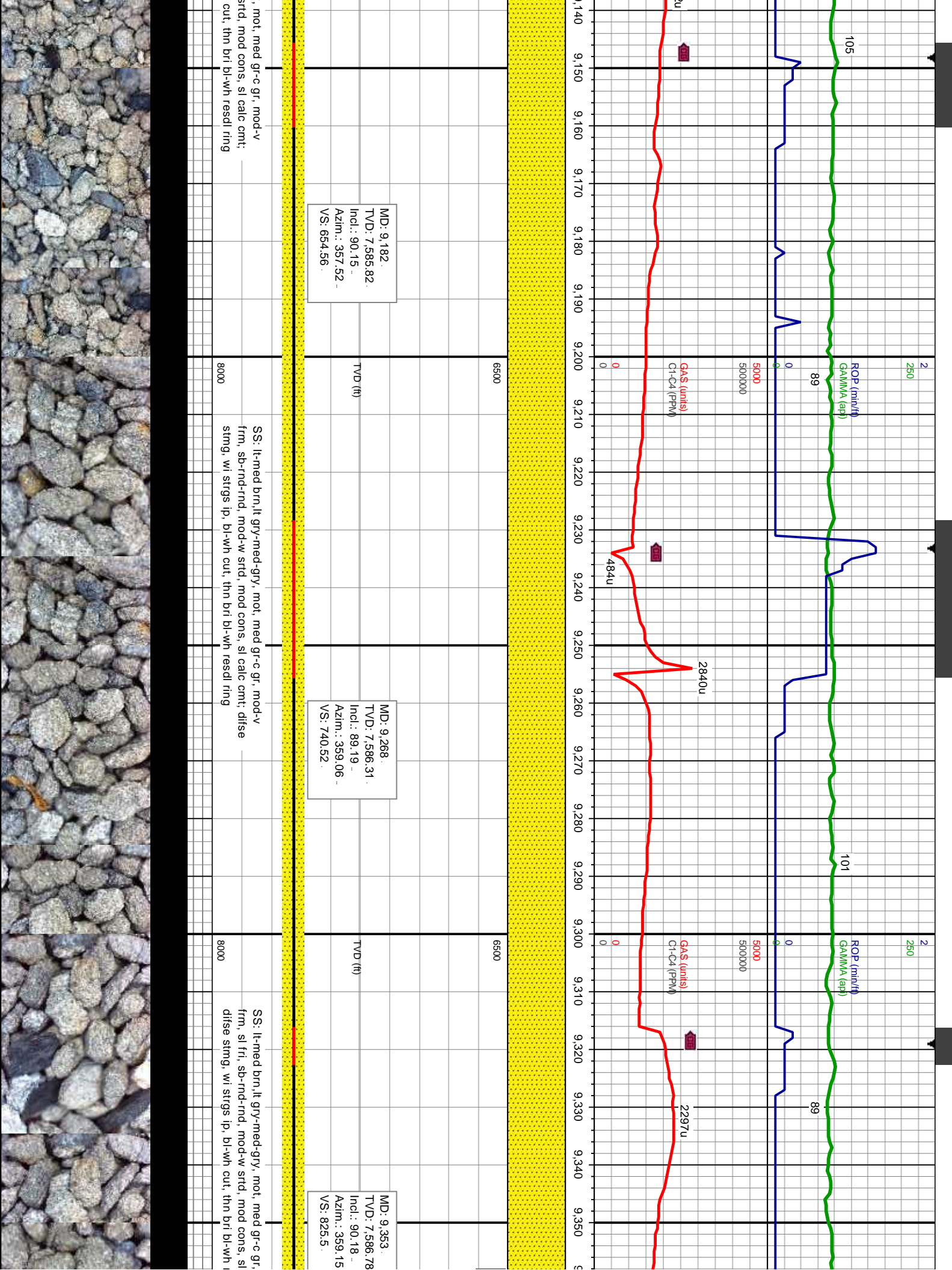
MD: 9.097.  
TVD: 7,585.42.  
Incl.: 89.32 -  
Azim.: 357.6 -  
VS: 569.63.

med brn,lt gry-med-gry, mot, med gr-c gr, mod-v  
-rnd-rnd, mod-w strd, mod cons, sl calc cm; difse  
i strgs ip, bl-wh cut, thn bri bl-wh resd ring

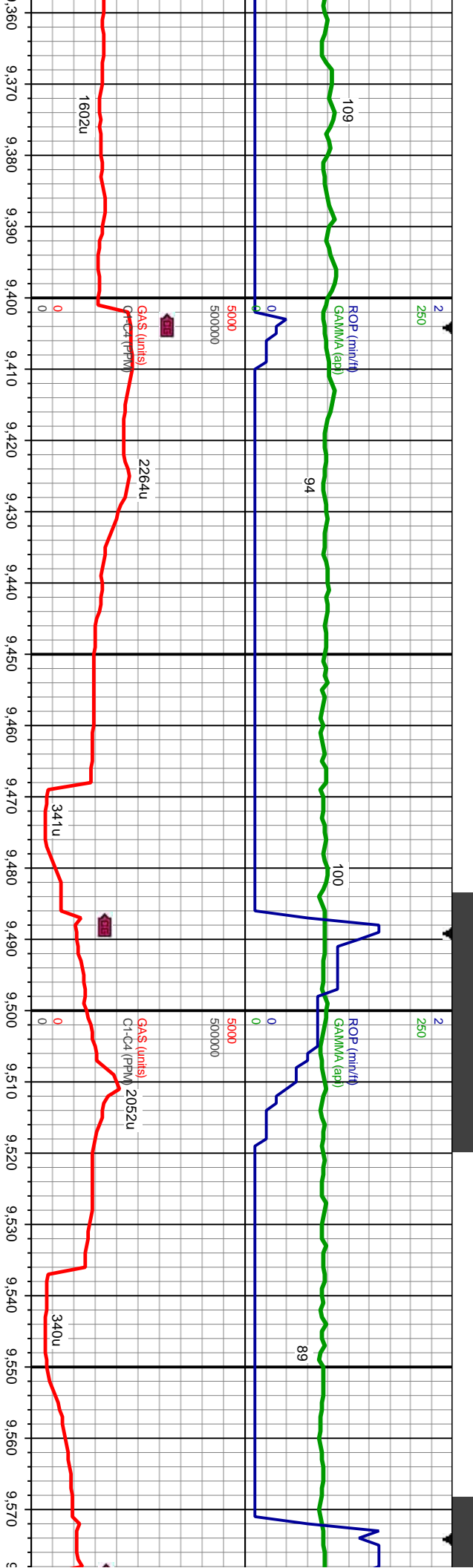
SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm,  
sb-rnd-rnd, mod-w strd, mod cons, sl calc cm; difse  
strng, wi strgs ip, bl-wh cut, thn bri bl-wh resd ring

SS: lt-med brn,lt gry-med-gry  
frm, brlt, sb-rnd-rnd, mod-w  
difse strng, wi strgs ip, bl-wh









MUD CHECKS NOT POSTED TO PASON

6500	MD: 9.438 TVD: 7,585.71 Incl.: 91.26 Azim.: 359.48 VS: 910.49	6500	MD: 9.523 TVD: 7,584.71 Incl.: 90.09 Azim.: 0.87 VS: 995.48
	TVD (ft)		TVD (ft)

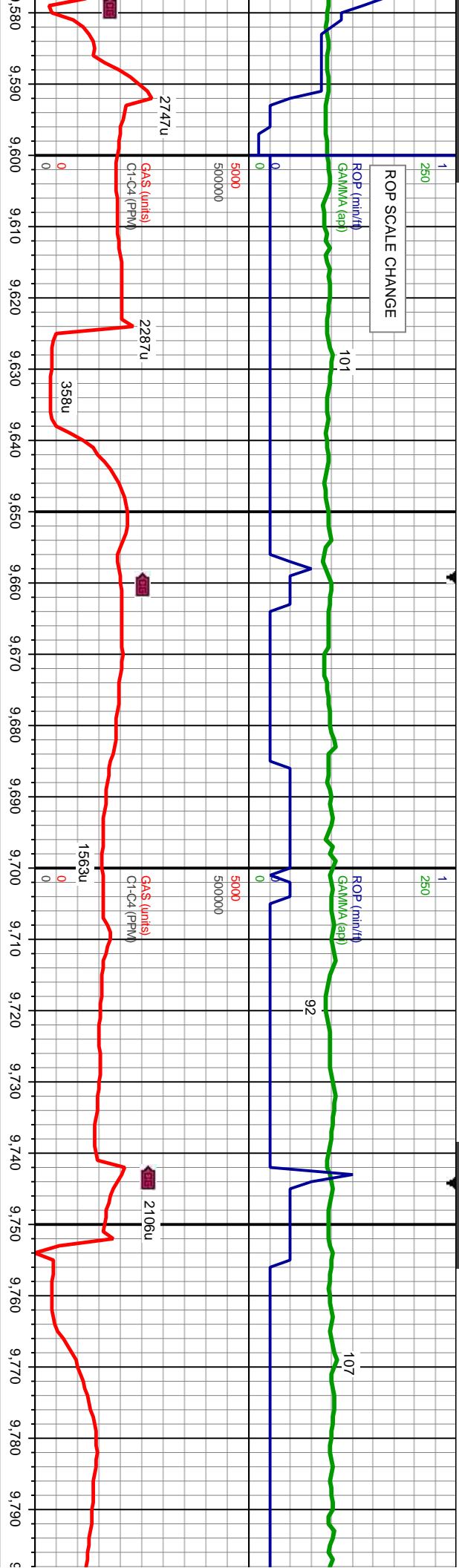
mod-v  
calc cmt;  
resd ring

SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm,  
sl fri, sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; difse  
stmg, wi strgs ip, bl-wh cut, thn bri bl-wh resd ring

SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm,  
sl fri, sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; difse  
stmg, wi strgs ip, bl-wh cut, thn bri bl-wh resd ring







WT IN 9.6/ OUT 9.6  
VIS IN 50/ OUT 50

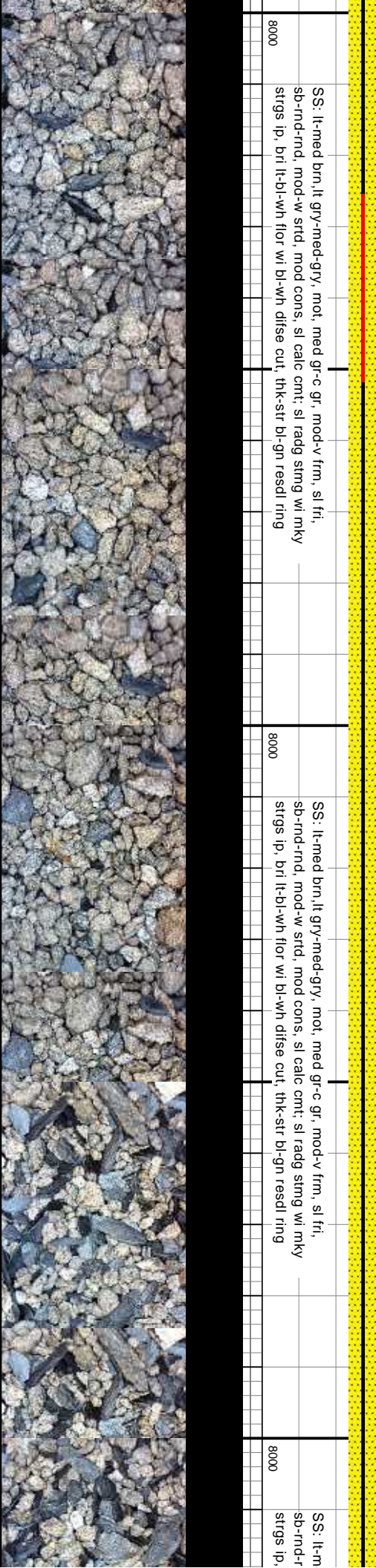
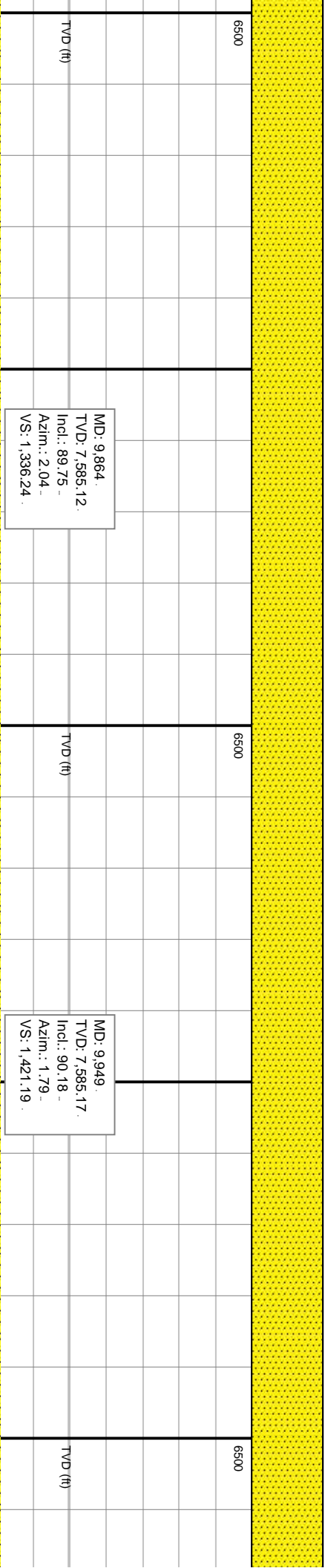
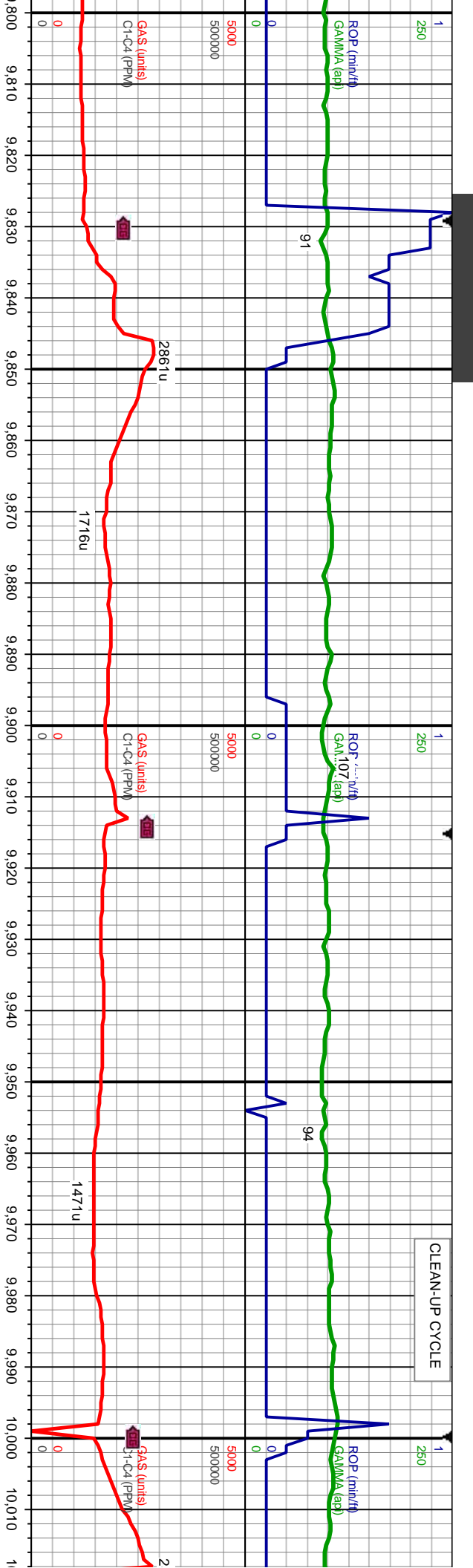
MD: 9,608.  
TVD: 7,585.06  
Incl.: 89.44  
Azim.: 2  
VS: 1,080.45

MD: 9,693	
TVD: 7,585.61	
Incl.: 89.81	
Azim.: 2.22	
VS: 1,165.38	
	TVD (ft)

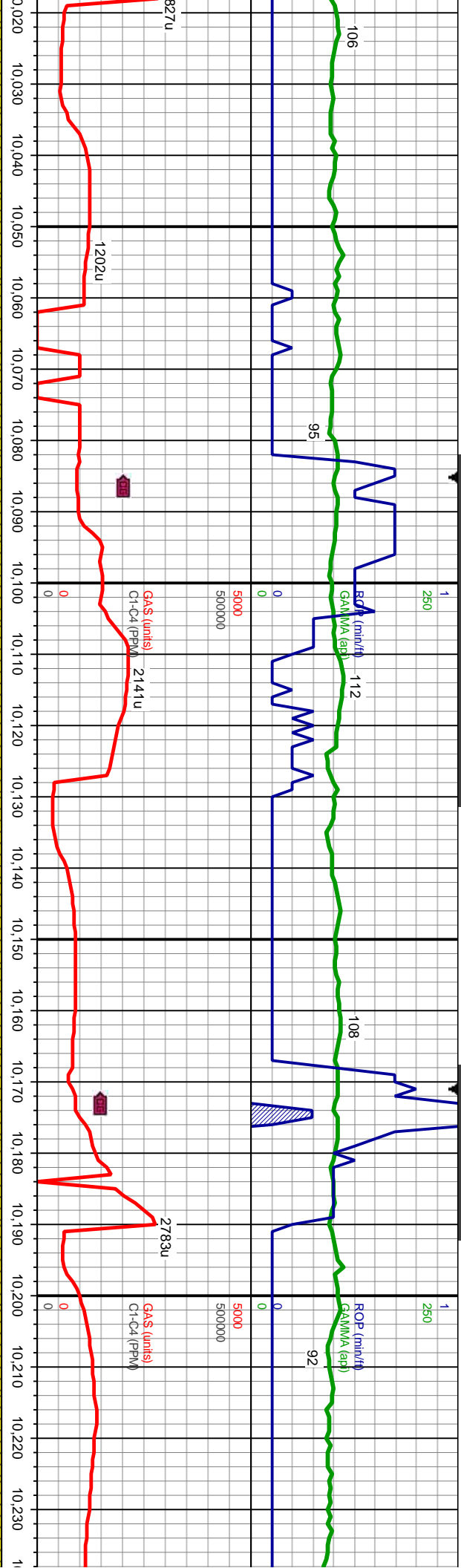
MD: 9,778 .
TVD: 7,585.35
Incl.: 90.55 -
Azim.: 2.32 -
VS: 1,250.31 .

SS: lt-med brn, lt gry-med-gry, mot, med gr-c gr, mod-v frm, sl fri-brt, sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; difse stmg, wi strgs ip, bl-wh cut, thn bri bl-wh resd ring

SS: lt-med brn,lt gry-med-gry, mot, med gr-c-gr, mod-v frn, sl fri,  
sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; sl radg stmg wi mky  
strgs ip, brt lt-bl-wh flwr wi bl-wh dfse cut, thk-str bl-gn resdl ring







WT IN 9.4/ OUT 9.4  
VIS IN 45/ OUT 45

MD: 10,034.  
TVD: 7,584.15.  
Incl: 91.2.  
Azim.: 1.66.  
VS: 1,506.14.

TVD (ft)

MD: 10,119.  
TVD: 7,583.24.  
Incl: 90.03.  
Azim.: 1.73.  
VS: 1,591.1.

MD: 10,205.  
TVD: 7,582.57.  
Incl: 90.86.  
Azim.: 2.04.  
VS: 1,677.04.

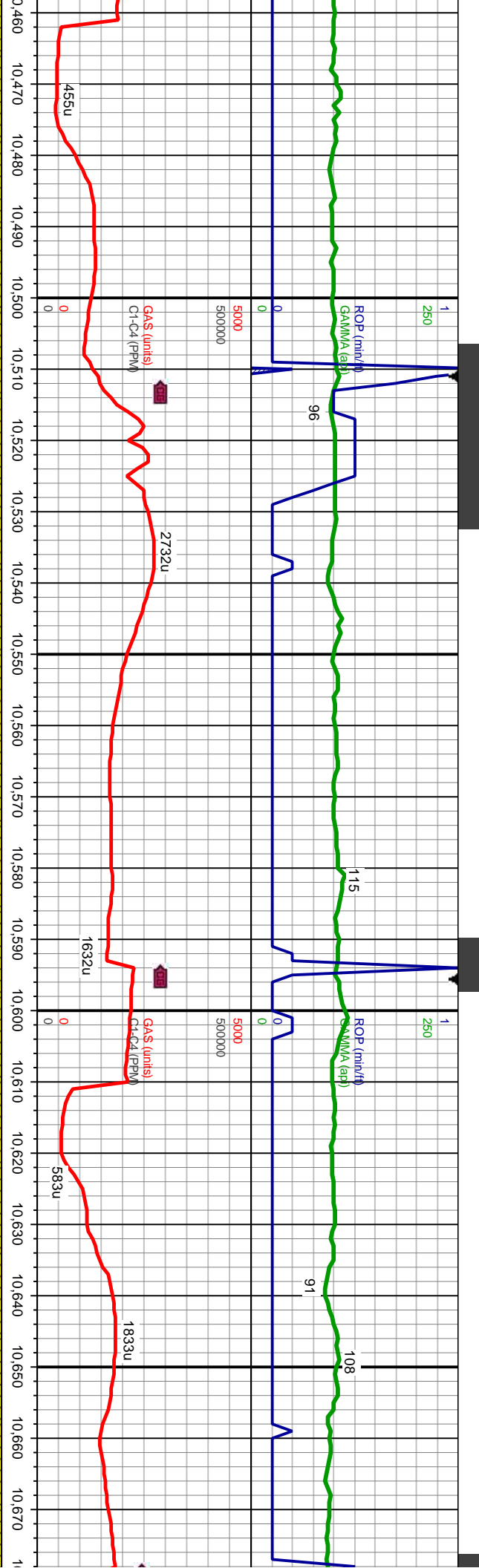
med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm, sl fri,  
sb-rnd-rnd, mod-w strd, mod cons, sl calc cnt; sl radg stimg wi mky  
bri lt-bl-wh flr wi bl-wh dfse cut, thk-str bl-gn resdl ring

SS: lt-med brn,lt gry-med-gry  
sb-rnd-rnd, mod-w strd, mod  
mky strgs ip, bri lt-bl-wh flr









6500	MD: 10.546. TV D: 7.582.17. Incl.: 88.61 - Azim.: 358.32 - VS: 2.017.96.	6500
TV D (ft)		TV D (ft)

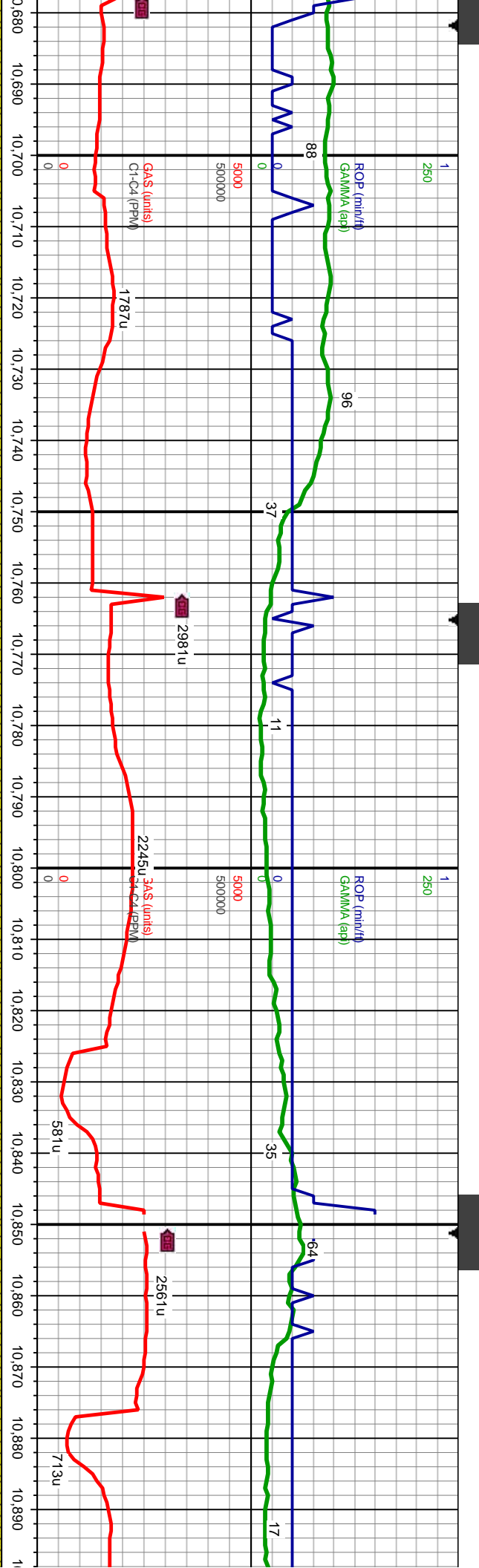
od-v frm, sl fri,  
SH: sl radg stmg wi  
k-str bl-gn resd ring

SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm, sl fri,  
sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; tr SH; sl radg stmg wi  
mky strgs ip, bri lt-bl-wh flor wi bl-wh disse cut, thk-str bl-gn resd ring

8000







IN 9.6/ OUT 9.6  
S IN 45/ OUT 45

6500

WT IN 9.6/ OUT 9.6  
VIS IN 45/ OUT 45

MD: 10,715.  
TVD: 7,585.52.  
Incl.: 89.22 -  
Azim.: 357.82 -  
VS: 2,186.83.

MD: 10,801.  
TVD: 7,586.71.  
Incl.: 89.19 -  
Azim.: 357.19 -  
VS: 2,272.74.

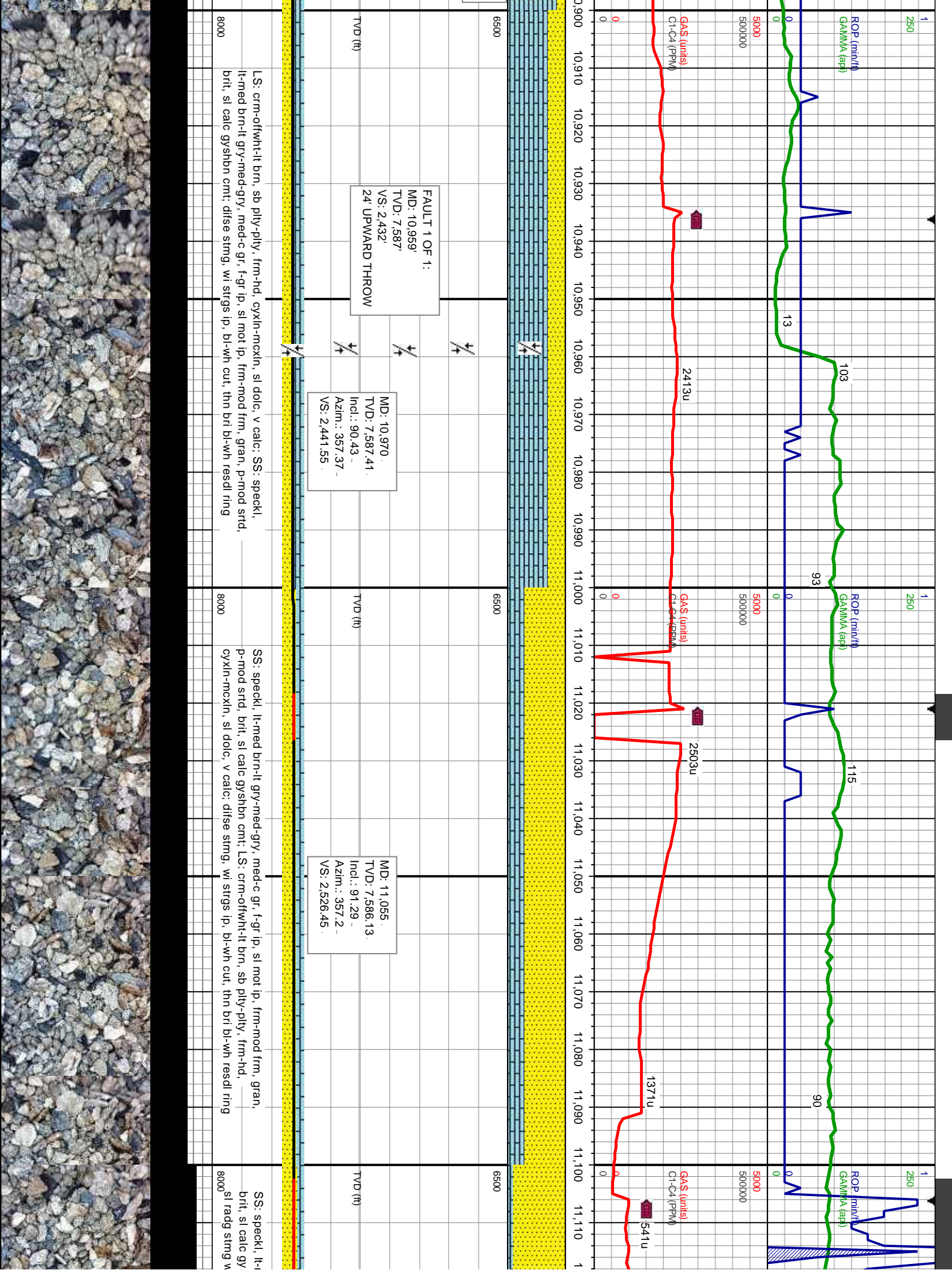
MD: 10,886.  
TVD: 7,587.52.  
Incl.: 89.72 -  
Azim.: 357.12 -  
VS: 2,357.64.

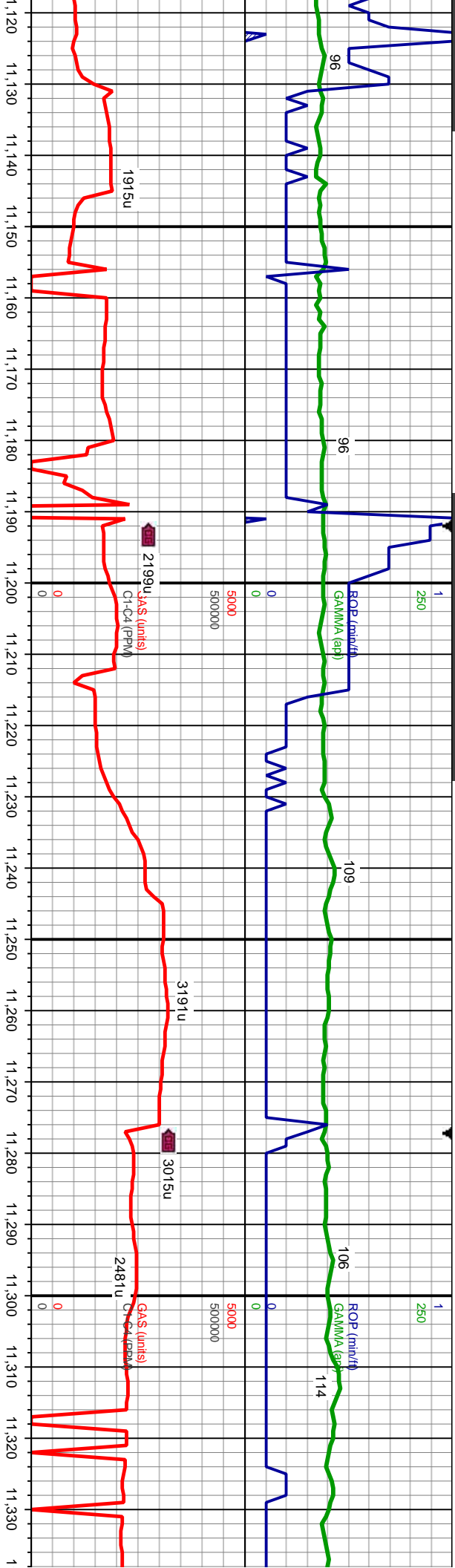
LS: crm-offwht-tt brn, sb ply-ply, frm-hd, cyxn-mcxlh, sl dolc, v calc, SS: speckl, lt-med brn-lt gry-med-gry, med-c gr, f-gr ip, sl mot ip, frm-mod frm, gran, p-mod strd, brit, sl calc gysshn cmt, disse strng, wi strgs ip, bl-wh cut, thn bri bl-wh resd ring

8000









MD: 11,141.  
TVD: 7,584.96.  
Incl.: 90.27 -  
Azim.: 357.42 -  
VS: 2.612.35.

TVD (ft)

MD: 11,226.  
TVD: 7,585.57.  
Incl.: 88.91 -  
Azim.: 358.18 -  
VS: 2.697.29.

WT IN 9.6/ OUT 9.6  
VIS IN 41/ OUT 41

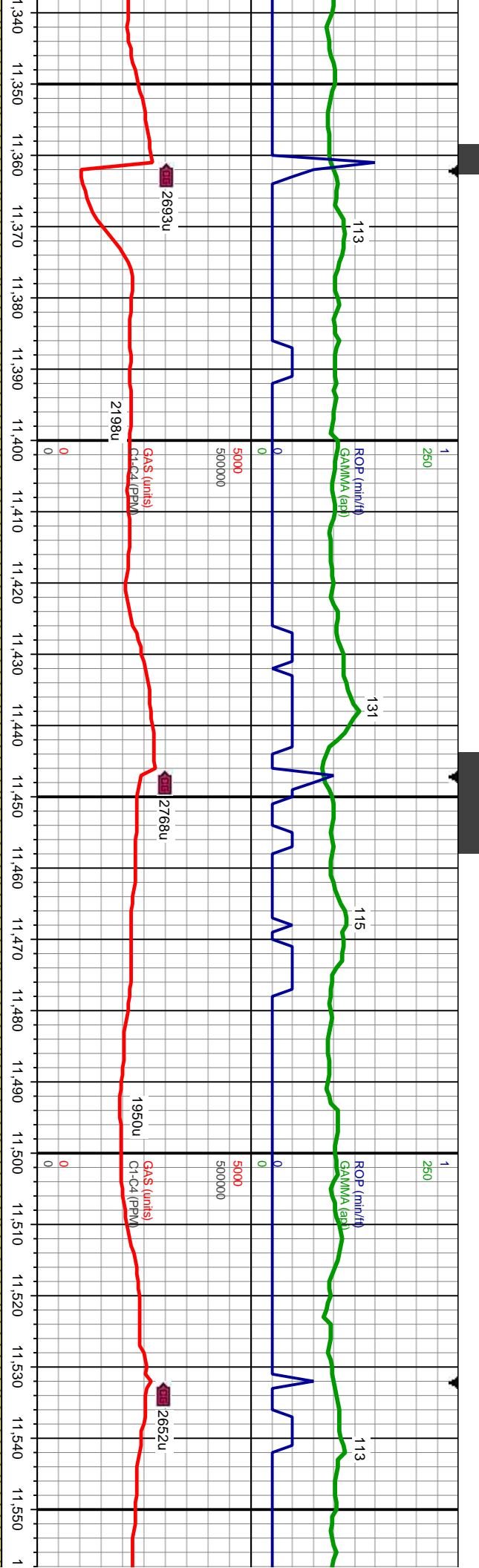
MD: 11,311.  
TVD: 7,586.75.  
Incl.: 89.5 -  
Azim.: 357.96 -  
VS: 2.782.23.

med brn-lt gry-med-gry, med-c-gr, f-gr ip, sl mot ip, frm-mod frm, gran, p-mod srted, shshn cnt; LS: crm-offwh-lt brn, sb ply-ply, frm-hd, cylin-mcxl, sl dolc, v calc; i mky strgs ip, bri lt-bl-wh flr wi bl-wh difse cut, thk-str bl-gn resdl ring

SS: speckl, lt-med brn-lt gry-med-gry, med-c-gr, f-gr ip, sl mot ip, frm-mod frm, gran, p-mod srted, brlt, sl calc gysshn cnt; tr ls: sl radg sting wi mky strgs ip, bri lt-bl-wh flr wi bl-wh difse cut, thk-str bl-gn resdl ring

SS: speckl, lt-med brn-lt gry-med-gry, med-c-gr, f-gr ip, sl mot ip, frm-mod frm, gran, p-mod srted, brlt, sl calc gysshn cnt; tr ls: sl radg sting wi mky strgs ip, bri lt-bl-wh flr wi bl-wh difse cut, thk-str bl-gn resdl ring





MD: 11,396.  
TVD: 7,587.15.  
Incl.: 89.96.  
Azim.: 358.1.  
VS: 2,867.19.

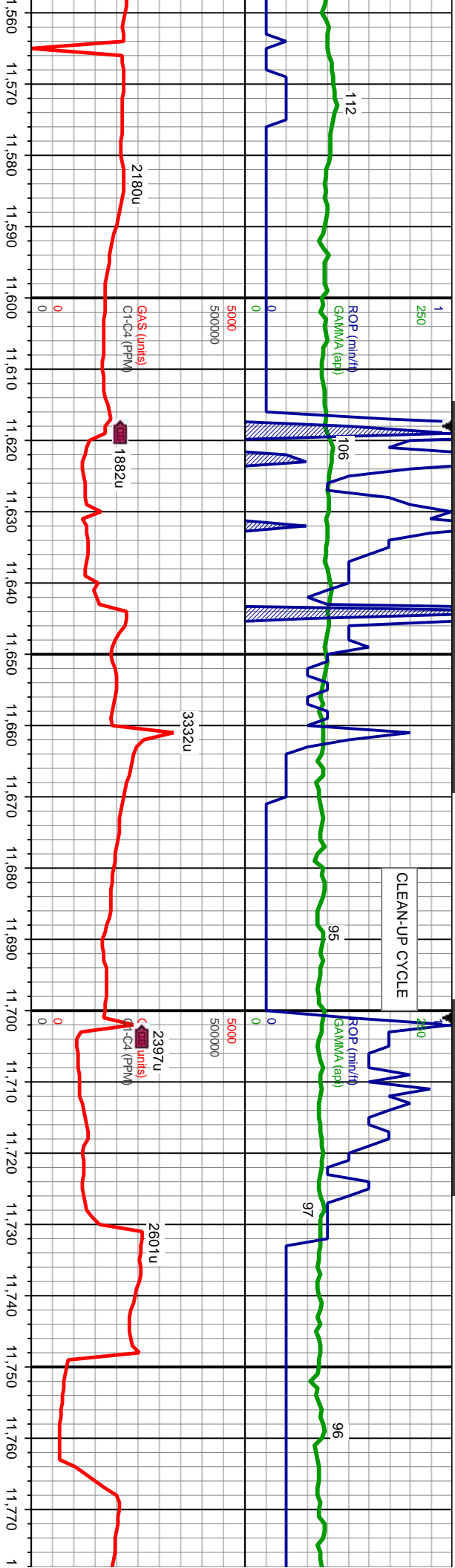
MD: 11,482.  
TVD: 7,586.51.  
Incl.: 90.89.  
Azim.: 358.1.  
VS: 2,953.14.

med-gr, med-c gr, f-gr ip, sl mot ip, frm-mod  
calc gyshbn cmt; sl radg stmg wi mky strgs ip,  
cut, thk-str bl-gn resdl ring

SS: speckl, lt-med brn-lt gry-med-gr, med-c gr, f-gr ip, sl mot ip, frm-mod  
frm, gran, p-mod strd, brlt, sl calc gyshbn cmt; sl radg stmg wi mky strgs  
ip, bri lt-bl-wh flor wi bl-wh difse cut, thk-str bl-gn resdl ring







MD: 11,567 .  
TVD: 7,584.09 .  
Incl.: 92.37 -  
Azim.: 358.87 -  
VS: 3,038.07 .

MD: 11,651 .  
TVD: 7,580.67 .  
Incl.: 92.31 -  
Azim.: 359.19 -  
VS: 3,121.99 .

MD: 11,736 .  
TVD: 7,579 .  
Incl.: 89.93 -  
Azim.: 359.06 -  
VS: 3,206.96 .

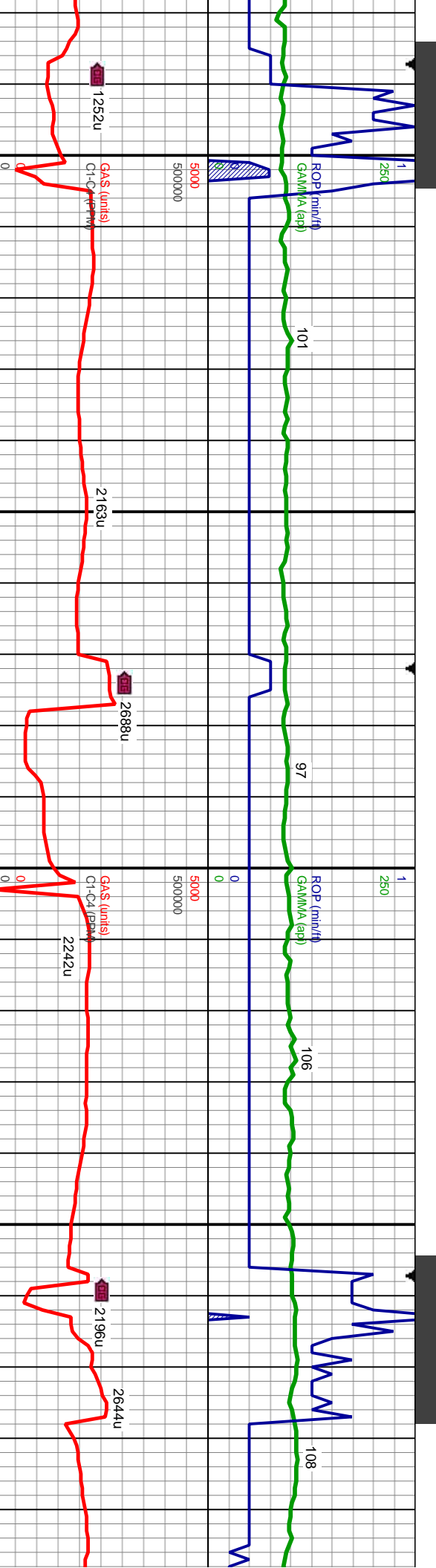
WT IN 9.6/ OUT 9.6  
VIS IN 42/ OUT 42

WT IN 9.7/ OUT 9.7  
VIS IN 44/ OUT 44

WT IN 9.7/ OUT 9.7  
VIS IN 44/ OUT 44







UT 9.7  
IT 44

6500

WT IN 9.7/ OUT 9.7  
VIS IN 48/ OUT 48

6500

MD: 11.821 .  
TVD: 7,580.89 .  
Incl.: 87.53 -  
Azim.: 357.87 -  
VS: 3,291.91 .

MD: 11.907 .  
TVD: 7,583.99 .  
Incl.: 88.33 -  
Azim.: 357.57 -  
VS: 3,377.79 .

MD: 11.992 .  
TVD: 7,586.26 .  
Incl.: 88.61 -  
Azim.: 358.52 -  
VS: 3,462.71 .

SS: speckl, lt-med brn-lt gry-med-gry, med-c gr, f-gr ip, sl mot ip, frm-mod  
frm, gran, p-mod strd, brlt, sl calc gyshbn cmt; sl radg stmg w/ mky strgs  
ip, bri lt-bl-wh flor w/ bl-wh difse cut, thk-str bl-gn resdl ring

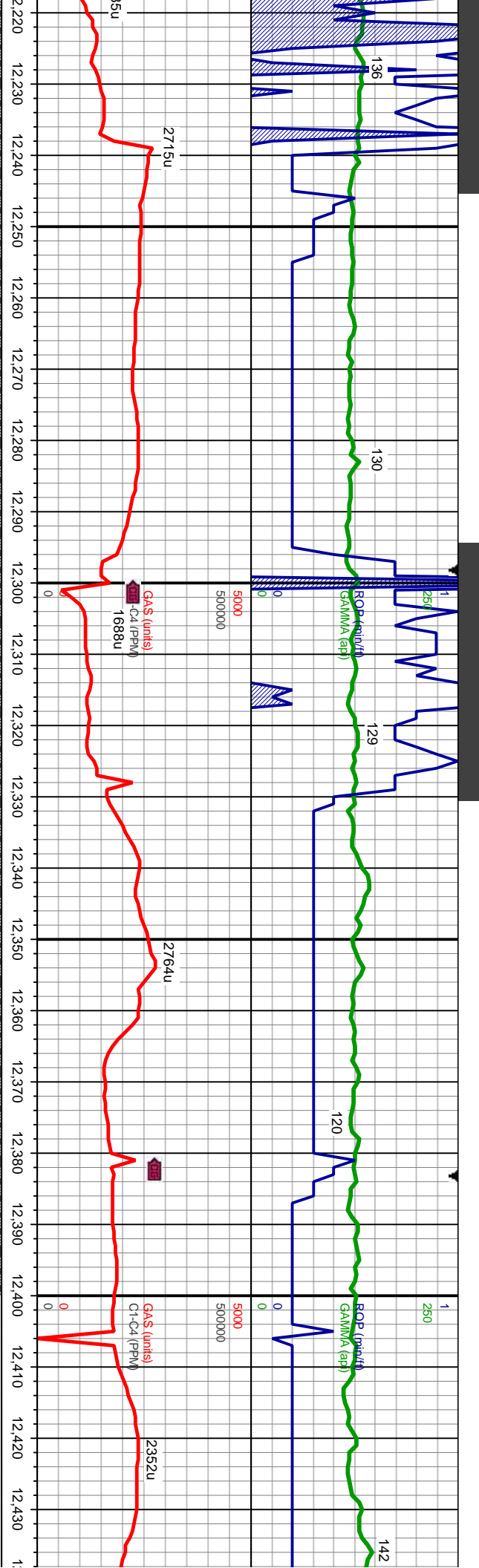
SS: speckl, lt-med brn-lt gry-med-gry, med-c gr, f-gr ip, sl mot ip, frm-mod  
frm, gran, p-mod strd, brlt, sl calc gyshbn cmt; sl radg stmg w/ mky strgs  
ip, bri lt-bl-wh flor w/ bl-wh difse cut, thk-str bl-gn resdl ring











MD: 12,247  
TVD: 7,591.88  
Incl.: 89.16  
Azim.: 359.76  
VS: 3.717.58

TVD (ft)

MD: 12,333  
TVD: 7,592.42  
Incl.: 90.12  
Azim.: 0.87  
VS: 3.803.57

WT IN 9.6/ OUT 9.6  
VIS IN 44/ OUT 44

TVD (ft)

MD: 12,418  
TVD: 7,592.33  
Incl.: 90  
Azim.: 0.76  
VS: 3.888.56

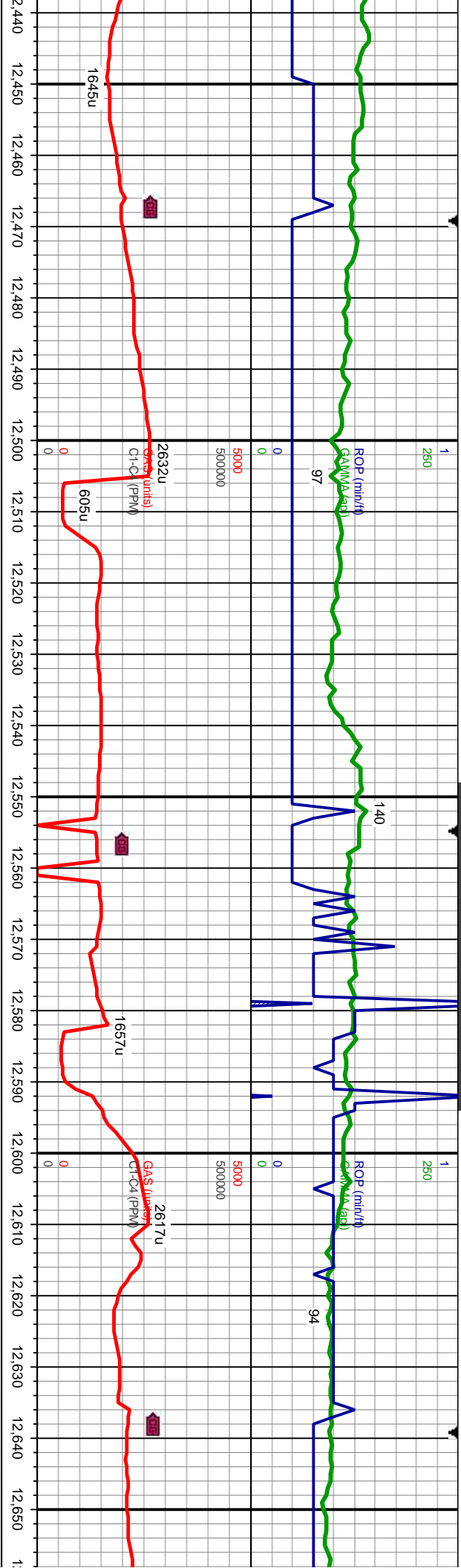
ckl, lt-med brn-lt gry-med-gry, med-c-gr, f-gr ip, sl mot ip, frm-mod  
n, p-mod strd, brlt, sl calc gyshbn cmt; tr SLTY SH; sl radg strng  
stngs ip, bri lt-bl-wh flor wi bl-wh disse cut, thk-str bl-gn resd ring

SS: speckl, lt-med brn-lt gry-med-gry, med-c-gr, f-gr ip, sl mot ip, frm-mod frm, gran, p-mod strd,  
brlt, sl calc gyshbn cmt; SLTY SH: med - dk gy - blk, sb pily - pily, mod frm - frm, sl fri, v sl calc;  
sl radg strng wi mky strgs ip, bri lt-bl-wh flor wi bl-wh disse cut, thk-str bl-gn resd ring

SS: lt-med brn,lt gry-med-gry, r  
mod cons, sl calc cmt; SH: med  
sl radg strng wi mky strgs ip, br







MD: 12,503.  
TVD: 7,591.77.  
Incl.: 90.76 -  
Azim.: 0.75 -  
VS: 3.973.55.

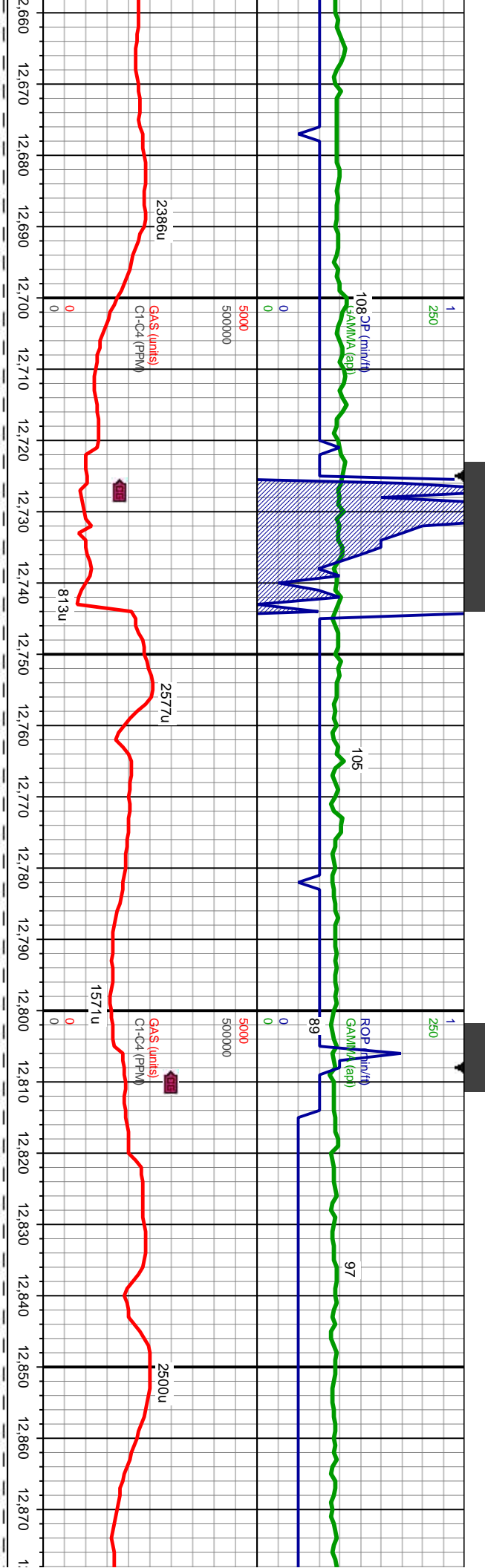
MD: 12,589.  
TVD: 7,590.43.  
Incl.: 91.02 -  
Azim.: 1.06 -  
VS: 4.059.53.

WT IN 9.6/ OUT 9.6  
VIS IN 49/ OUT 49

not, med gr-c gr, mod-v frm, sl fri, sb-rnd-rnd, mod-w strd, dk gy - blk, sb pily - pily, mod frm - frm, sl fri, v sl calc; lt-bl-wh flr wi bl-wh disse cut, thk-str bl-gn resd ring	SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm, sl fri, sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; SH: med - dk gy - blk, pily, frm, brlt, v sl calc; sl radg string wi mky strgs ip, brt lt-bl-wh flr wi bl-wh disse cut, thk-str bl-gn resd ring	8000
	SS: speckl, lt-med brn-lt gry-med-gry, med-c gr, f-gr ip, sl p-mod strd, brlt, sl calc gy/shn cmt; SH: med-dk gy-blk, f-radg string wi mky strgs ip, brt lt-bl-wh flr wi bl-wh disse	8000





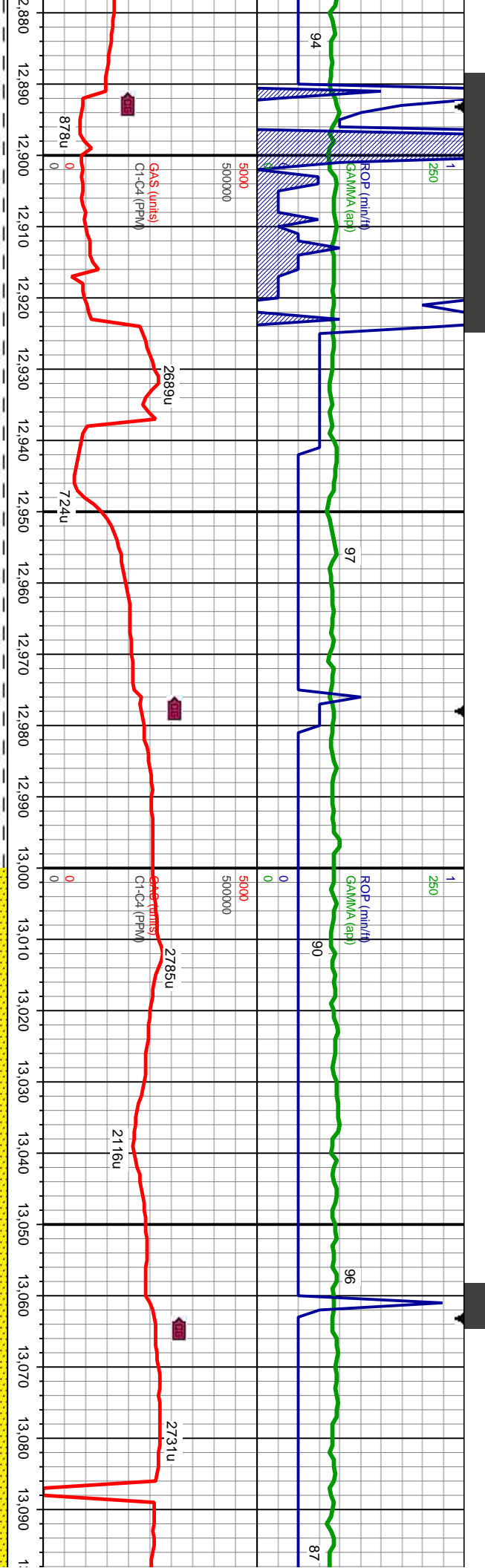


MD: 12.674 . TVD: 7,588.44 . Incl.: 91.66 - Azim.: 0.75 - VS: 4,144.49 .		6500	WT IN 9.6/ OUT 9.6 VIS IN 44/ OUT 44	MD: 12.757 . TVD: 7,586.73 . Incl.: 90.71 - Azim.: 0.43 - VS: 4,227.47 .
TVD (ft)				TVD (ft)

mot ip, frm-mod frm, gran, p-mod strd, brit, v sl calc: sl cut, thk-str bl-gn resd ring

SS: speckl, lt-med brn-lt gry-med-gry, med-c gr, f-gr ip, sl mot ip, frm-mod frm, gran, p-mod strd, brit, sl calc gyshbn cmt; SH: med-dk gy-blk, pily, frm, brit, v sl calc: sl radg sting wi mky strgs ip, bri lt-bl-wh flor wi bl-wh difse cut, thk-str bl-gn resd ring





6500	MD: 12.927. TVD: 7,584.23. Incl.: 89.81 - Azim.: 0.16 - VS: 4,397.44.	6500	MD: 13.012. TVD: 7,584.47. Incl.: 89.87 - Azim.: 359.46 - VS: 4,482.44.
TVD (ft)			

n, gran, calc; sl	SS: speckl, med brn-lt gry-med-gry, med-c gr, f-gr ip, sl mot ip, frm-mod frm, gran, p-mod strd, brit, sl calc gyshbn cmt; SH: med-dk gy-blk, pily, frm, brit, v sl calc sl	8000	SS: lt-med brn,lt gry-med-gry, mot, med gr-c gr, mod-v frm, sl fri, sb-rnd-rnd, mod-w strd, mod cons, sl calc cmt; tr SH, SLTY SH; sl radg stmg wi mky strgs ip, bri lt-bl-wh flor wi bl-wh difse cut, thk-str bl-gn resdl ring	8000
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WT IN 9.6/ OUT 9.6  
VIS IN 44/ OUT 44

MD: 13.06.  
TVD: 7.58  
Incl.: 90.6  
Azim.: 35  
VS: 4,567





