



Scale: 5" / 100'
Measured Depth Log

Well Name Pronghorn 41-44-18HNB

Location NENE SEC 18 T5N R61W

State COLORADO

Country USA

County WELD

Rig Number ENSIGN 128

API Number 05-123-35696-00

Spud Date 12/31/0006

Drilling Completed 1/16/2013

Surface Coordinates 200 FNL X 460 FEL (LAT: 40.40800, 104.24454)

Bottom Hole Coordinates 531 FNL X 510 FEL (LAT: 40.40729, 104.24473)

Ground Elevation 4,587

K.B. Elevation 4,602

Logged Interval 5,516 To 10,711

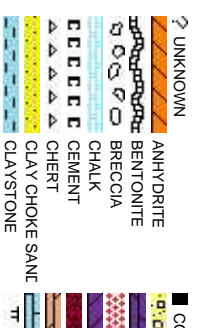
Total Depth 10,711

Type of Drilling Fluid H2O, LSND

Company Bonanza Creek
Address 410 17th Street
 Denver, CO 802

Name Paul McKay
Company Bonanza Creek
 410 17th Street
 Denver, CO 802

Wellsite Geologists



Operator

Energy Inc.

Suite 1500
202

Geologist

Energy Inc.

Suite 1500
202

Other









































































































Kevin Geraghty
Trent Nelson

Rock Types

UNIT	THICKNESS	DESCRIPTION	REMARKS
1	0.5	CONGLOMERATE	
2	0.5	DOLOMITE	
3	0.5	GRANITE	
4	0.5	GYPNUM	
5	0.5	IGNEOUS	
6	0.5	SIDERITE or LIMONITE	
7	0.5	LIMESTONE	
8	0.5	MARLSTONE	
9	0.5	SHALE	
10	0.5	SHALE COLORED	
11	0.5	SHALE GRAY	
12	0.5	SHALE SANDSTONE	
13	0.5	SALT	
14	0.5	SANDSTONE	
15	0.5	SALT-PEPPER SAND	
16	0.5	TUFF	
17	0.5	TILL	
18	0.5	WELDED TUFF	
19	0.5	SILT SHALE	
20	0.5	SILTSTONE	
21	0.5	SHALY SILTSTONE	
22	0.5	METAMORPHIC	
23	0.5	NO SAMPLE	

Accessories

Fossils


























	Fossils		F FOSSIL		- ARGILLACEOUS		✓ TUFFACEOUS
	GASTROPOD		/ ARGILLITE GRAIN		✓ GLAUCONITE		
	OOLITE		B BENTONITE		✓ GYPSIFEROUS		
	OSTRACOD		/ BITUMENOUS SUBSTANCE		✓ INOCERAMUS		
	BELEMNITE		B BRECCIA FRAGMENTS		K KAOLIN		
	BIOCLASTIC		✓ CALCAEAUS		T MARLSTONE		
	BRACHIOPOD		✓ CARBONACEOUS FLAKES		M MINERAL CRYSTALS		
	BRYOZOA		✓ CHITDK		N NODULES		
	CEPHALOPOD		✓ CHLTL		✓ PHOSPHATE PELLET?		
	CORAL		✓ COAL - THIN BEDS		P PYRITE		
	CRINOID		✓ DOLOMITIC		S SANDY CAST		
	ECHINOID		+ FELDSPAR		S SANDY		
	FISH		✓ FERRUGINOUS PELLET		S SILICEOUS		
	FORAMINIFERA		✓ FERRUGINOUS		S SILTY		
	ANHYDRITIC		✓ FERRUGINOUS		S SILTY		
	Stringer		✓ ANHYDRITE STRINGER		✓ ANHYDRITE STRINGER		
	Stringer		✓ BENTONITE STRINGER		✓ BENTONITE STRINGER		
	Stringer		✓ COAL STRINGER		✓ COAL STRINGER		
	Stringer		✓ DOLOMITE STRINGER		✓ DOLOMITE STRINGER		
	Stringer		✓ GYPSUM STRINGER		✓ GYPSUM STRINGER		
	Stringer		✓ LIMESTONE STRINGER		✓ LIMESTONE STRINGER		
	Stringer		✓ MARLSTONE (CALC.) STRG		✓ MARLSTONE (CALC.) STRG		
	Stringer		✓ MARLSTONE (DOL.) STRG		✓ MARLSTONE (DOL.) STRG		
	Stringer		✓ SANDSTONE STRINGER		✓ SANDSTONE STRINGER		
	Stringer		✓ SHALE STRINGER		✓ SHALE STRINGER		
	Stringer		✓ SILTSTONE STRINGER		✓ SILTSTONE STRINGER		

Other Symbols

Oil Show

- ☒ MOLDIC
- ☐ ORGANIC
- ☐ PINPOINT
- ☐ VUGGY
- ☒ DEAD
- ☒ EVEN
- ☒ FAULT
- ☐ FORMATION TOP
- ☒ GAS SHOW
- ☒ MINDEPTH
- ☒ MAX DEPTH
- ☒ WIRELINE TESTED - LEFT
- ☒ WIRELINE TESTED - RT
- ☒ E EARTHY
- ☒ FINELYXXLN
- ☒ G5 GRAINSTONE
- ☒ L LITHOGRAPHIC

Engineering

	QUESTIONABLE		ANGULAR		M _X MICROXLN
	SPOTTED STAINING		OIL SHOW		M _S MUDSTONE
Engineering					
	BIT		OVERTURNED STRATA		P _S SUBANG
	CONNECTION (LEFT)		REVERSE FAULT		P _S SUBSND
	CONNECTION (RIGHT)		SIDEWALL CORE (LEFT)	Textures	
	FENESTRAL		SIDEWALL CORE (RIGHT)		P _B BOUNDSTONE
	FRACTURE		SLIDE		P _C CHALKY
	INTERCRYSTALLINE		SURVEY		P _C CRYPTOXLN
	INTERCRYSTALLINE		TRIP GAS	Sorting	
	DST INTERVAL				P _M MODERATE
	WELL				P _P POOR

Bit Data
Bit #: 2
Type: HEO4JMRS
Size: 8 3/4
Depth In: 5,516 '
Depth Out: 6,577 '
Hours: 26.2 hrs
Jets: 3/20
S/N: 4005351335624

ROP
ROF
GAMMA

ROP (ft/hr)
GAMMA (units)

Total Gas & Chromatograph
GAS
C1
C2
C3
C4
CO2

COLUMBINE
LOGGING/RIGGED UP ON
01/10/2013 MANNED
2-PERSON LOGGING
WITH BLOODHOUND GAS
CHROMATOGRAPH UNIT
#0312BEGAN ON
01/10/2013

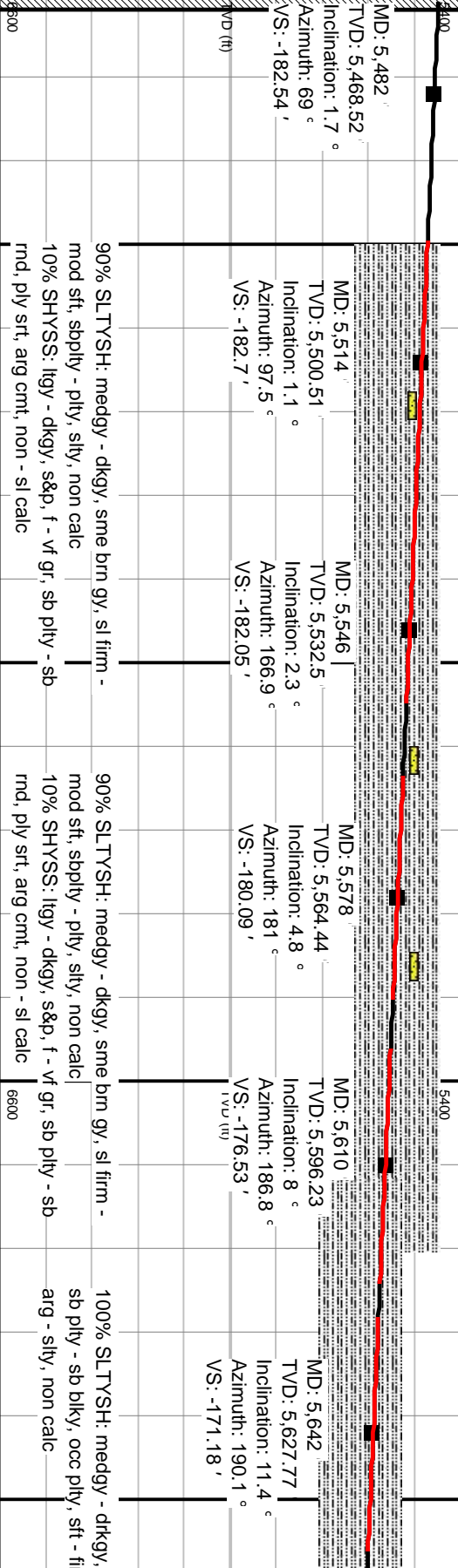
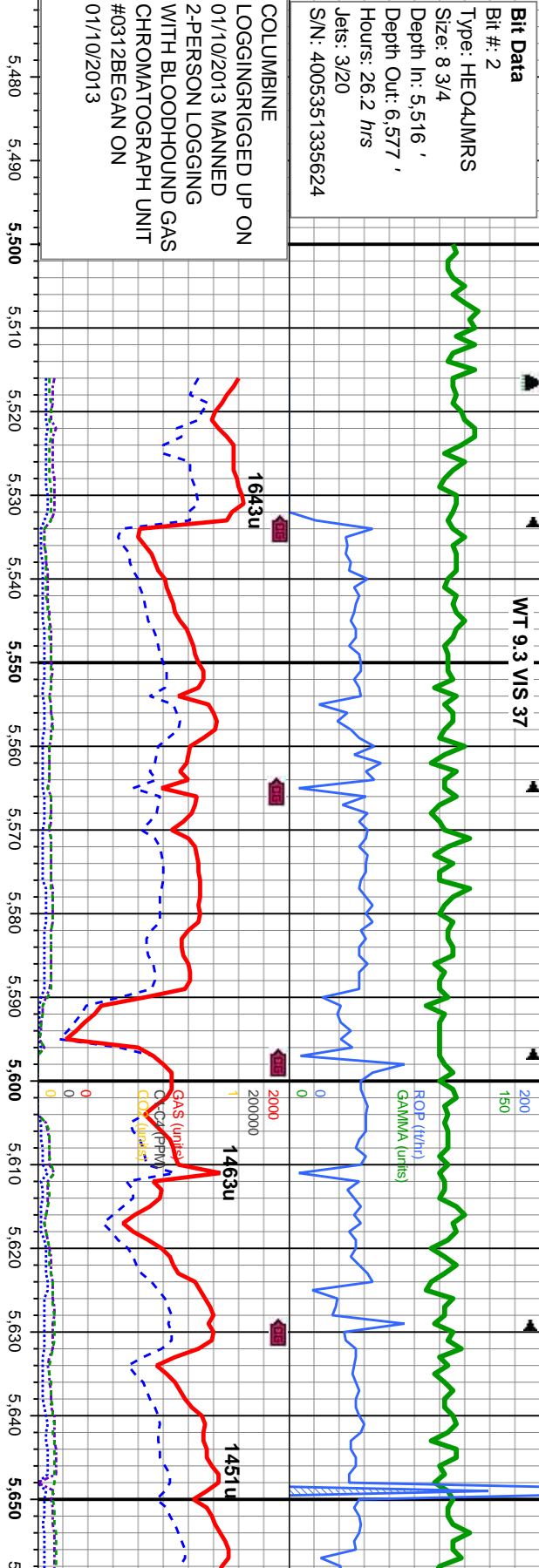
Depth Labels

% Lith

Well Bore
TVD

Oil Show

Images



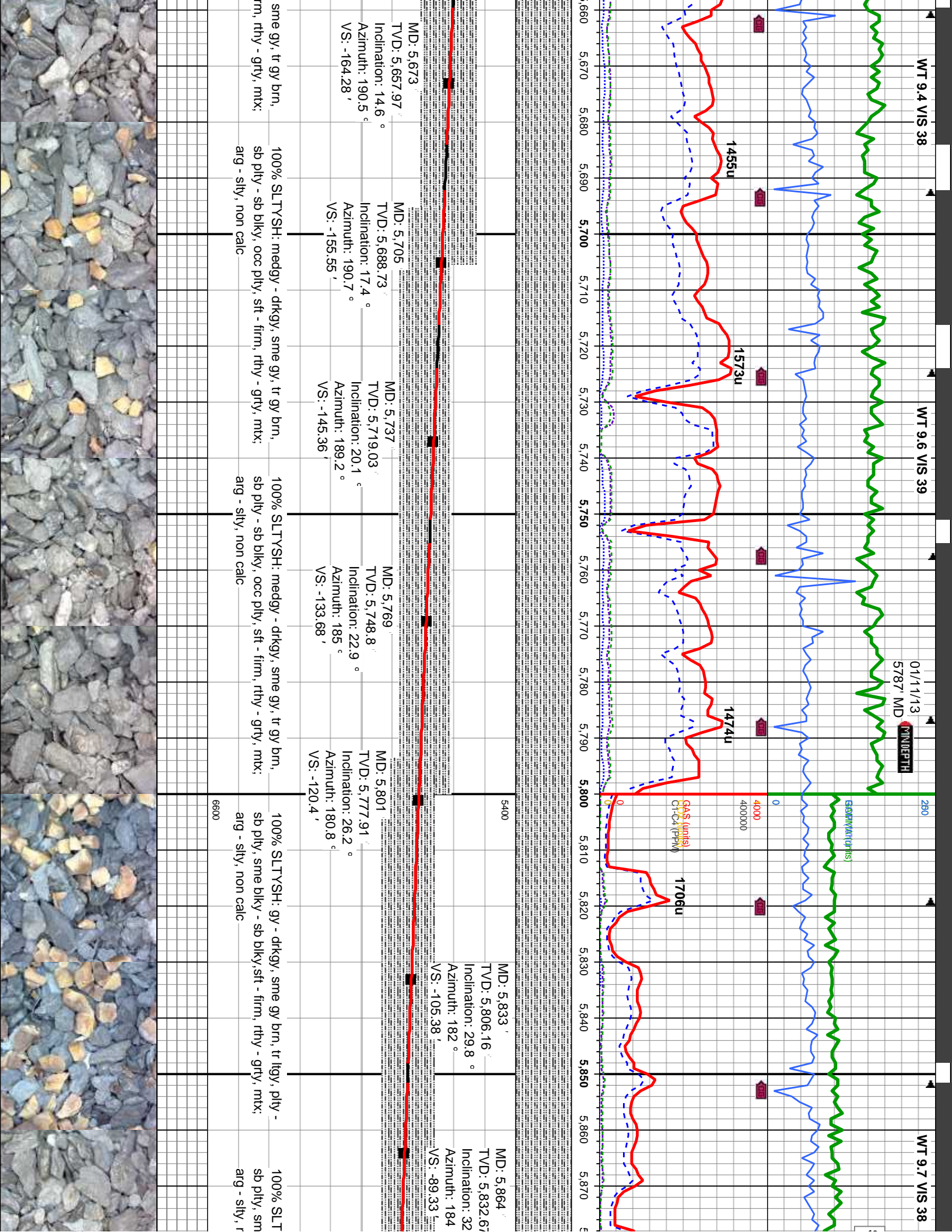
90% SLTYSH: medgy - dkgy, sme brn gy, sl firm -
mod sft, sbply - pty, stly, non calc
10% SHYSS: lgy - dkgy, s&p, f - v gr, sb pty - sb
rnd, ply srt, arg cnt, non - sl calc

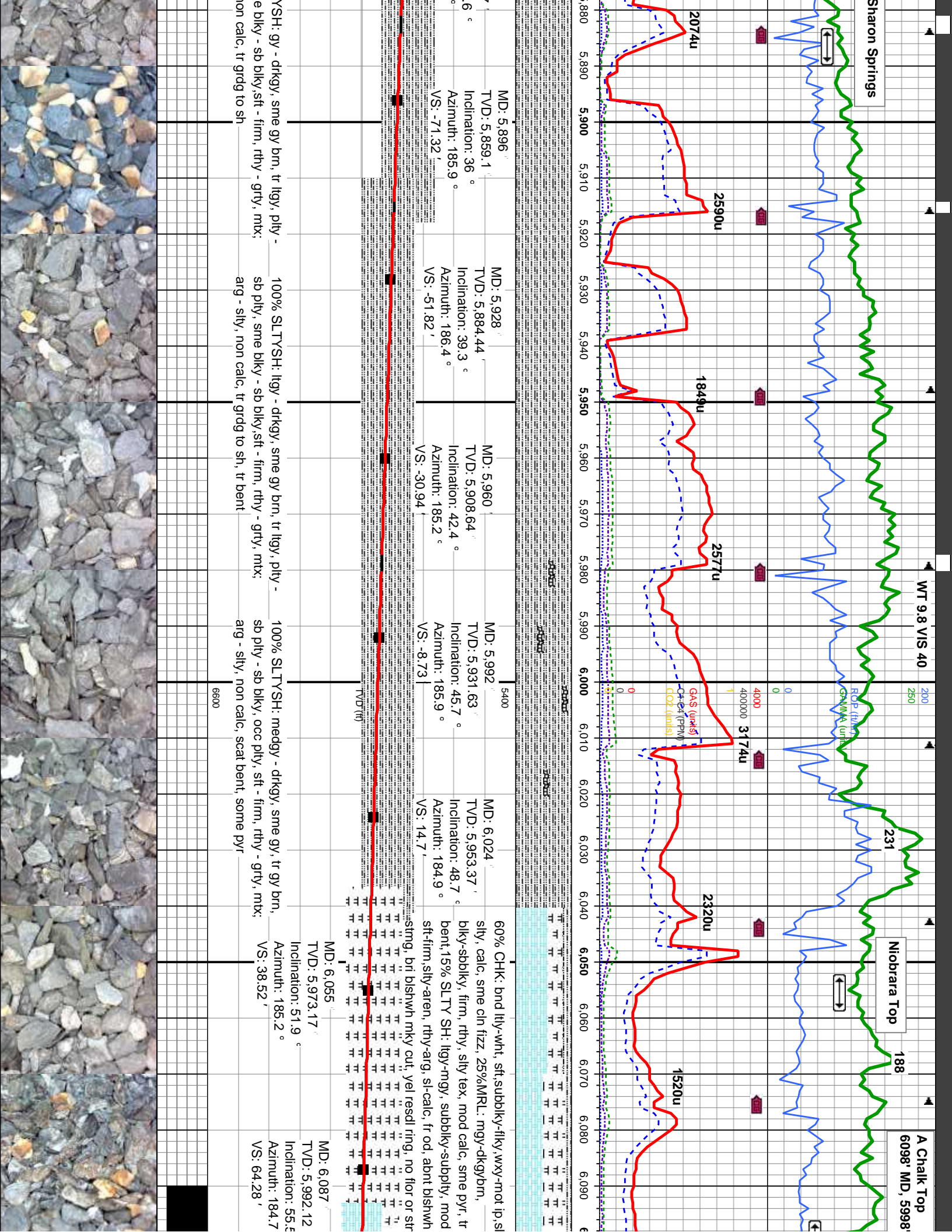
90% SLTYSH: medgy - dkgy, sme brn gy, sl firm -
mod sft, sbply - pty, stly, non calc
10% SHYSS: lgy - dkgy, s&p, f - v gr, sb pty - sb
rnd, ply srt, arg cnt, non - sl calc

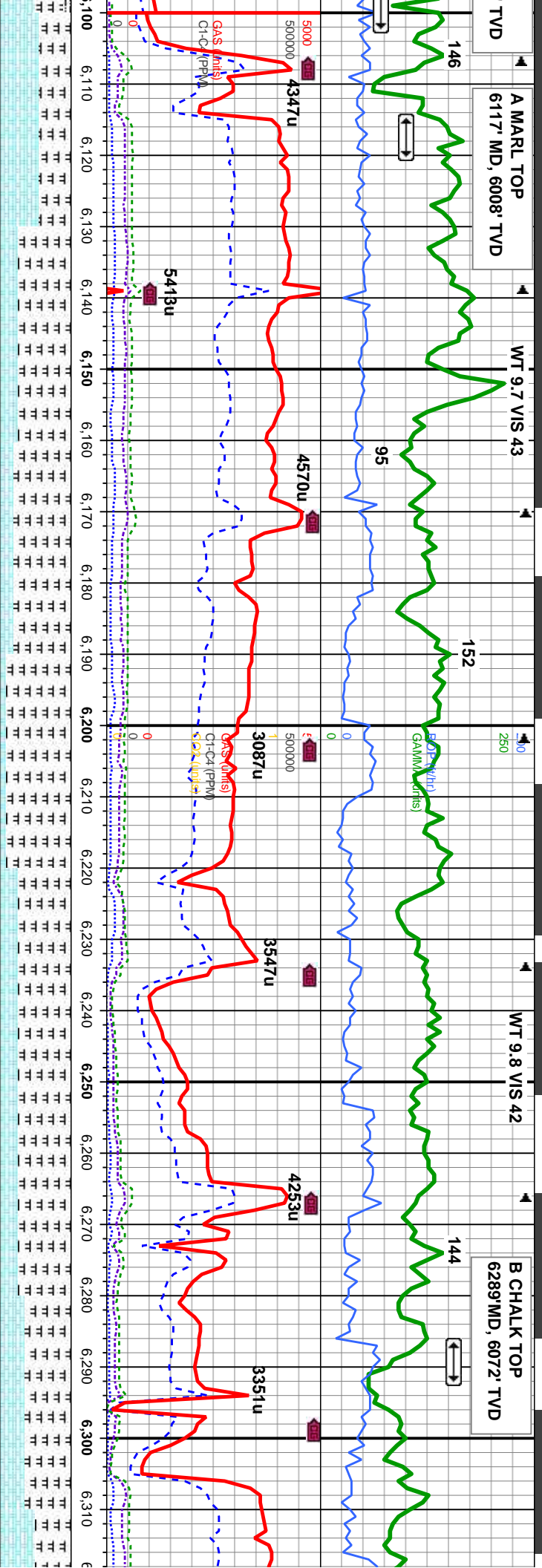
100% SLTYSH: medgy - dkgy,
sb pty - sb blkgy, occ pty, sft - fi
arg - stly, non calc

TR
P
FR
G
E

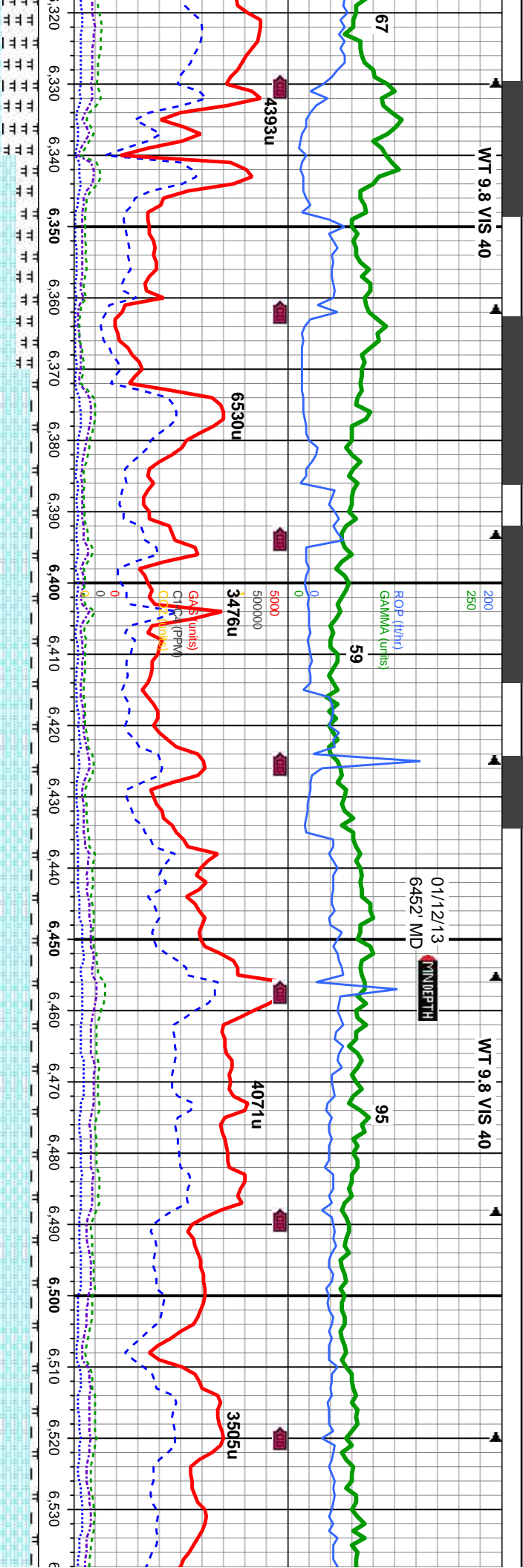








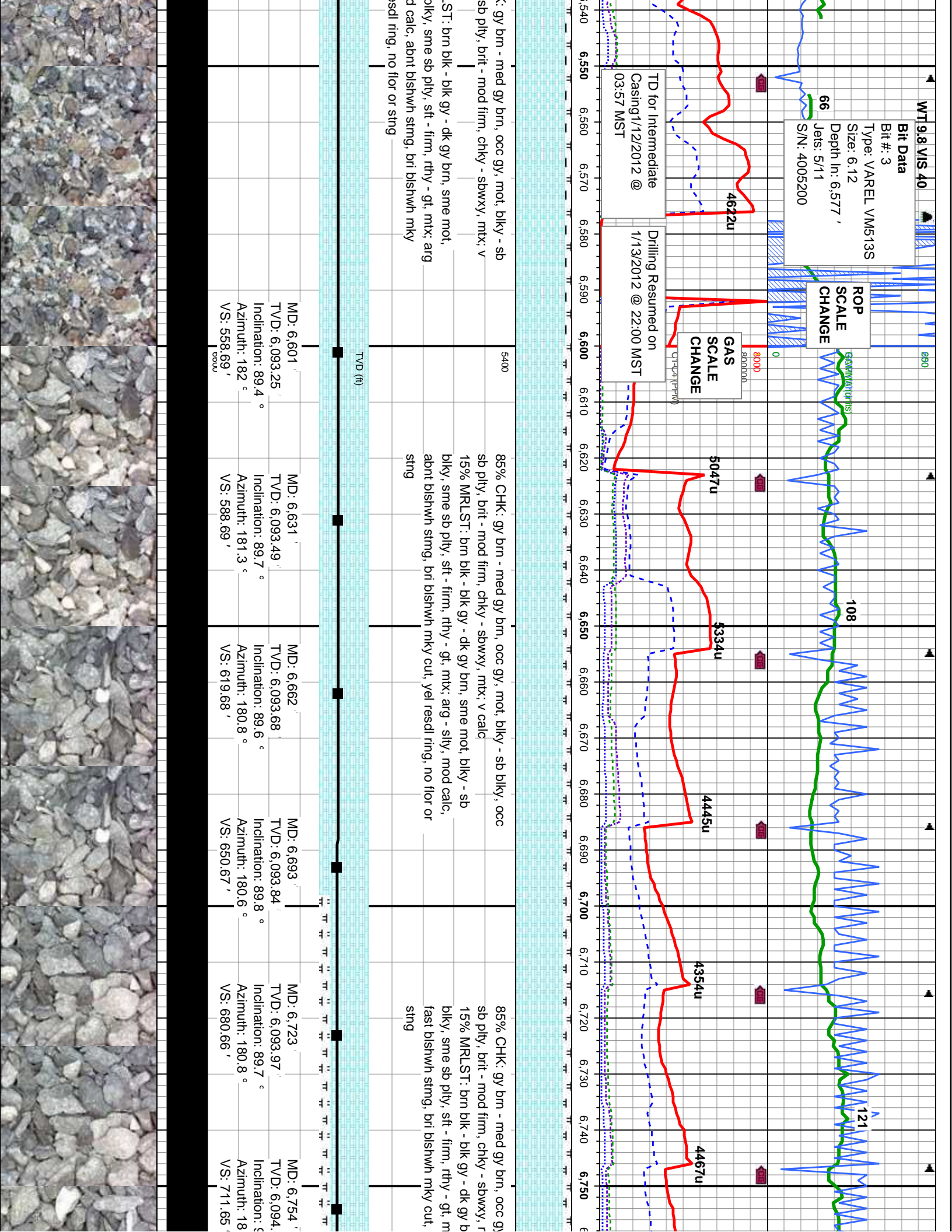
55% CHK: bnd ltly-wht, sft,subblky-flky, wxy-mot ip,sl silty, calc, sme cin fizz, 45%MR.L: mgy-dkgybrn, sme ltgy-gn tint, blkly-sbblky, firm, rthy, slty tex, mod calc, occ sh, sme pyr, tr bent, fr od, abnt bishwv stmg, bri bishwv mky cut, yel resd ring, no flor or sting	80%MR.L: mgy-dkgybrn, sme ltgy-gn tint, blkly-sbblky, firm, rthy, slty tex, mod calc, fr od 20% CHK: bnd ltly-wht, sft,subblky-flky, wxy-mot ip,sl silty, calc, sme cin fizz, abnt bishwv stmg, bri bishwv mky cut, yel resd ring, no flor or sting	75%MR.L: mgy-dkgybrn, sme ltgy-gn tint, occ mot, blkly-sbblky, firm, rthy, slty tex, mod calc, tr bent, fr od 25% CHK: bnd ltly-wht, sft,subblky-flky, wxy-mot ip,sl silty, calc, sme cin fizz, abnt bishwv stmg, bri bishwv mky cut, yel resd ring, no flor or sting	65% MRLST: brn blk - blk gy - dk blkly - sb blkly, sme sb ply, sft - firr - slty, mod calc 35% CHK: gy brn - med gy brn, oc blkly, occ sb ply, brit - mod firm, cl calc, abnt bishwv stmg, bri bishwv ring, no flor or sting
MD: 6,119 TVD: 6,009.28 Inclination: 59.6 ° Azimuth: 184.2 ° VS: 91.25'	MD: 6,183 TVD: 6,024.52 Inclination: 66 ° Azimuth: 182.6 ° VS: 119.37'	MD: 6,215 TVD: 6,050.44 Inclination: 68.9 ° Azimuth: 181 ° VS: 177.86'	MD: 6,246 TVD: 6,060.74 Inclination: 72.3 ° Azimuth: 180.3 ° VS: 207.09'
MD: 6,310 TVD: 6,077.6 Inclination: 77.2 ° Azimuth: 180.8 ° VS: 268.79'	MD: 6,278 TVD: 6,069.83 Inclination: 74.7 ° Azimuth: 180.8 ° VS: 237.76'	MD: 6,246 TVD: 6,060.74 Inclination: 72.3 ° Azimuth: 180.3 ° VS: 207.09'	MD: 6,215 TVD: 6,050.44 Inclination: 68.9 ° Azimuth: 181 ° VS: 177.86'

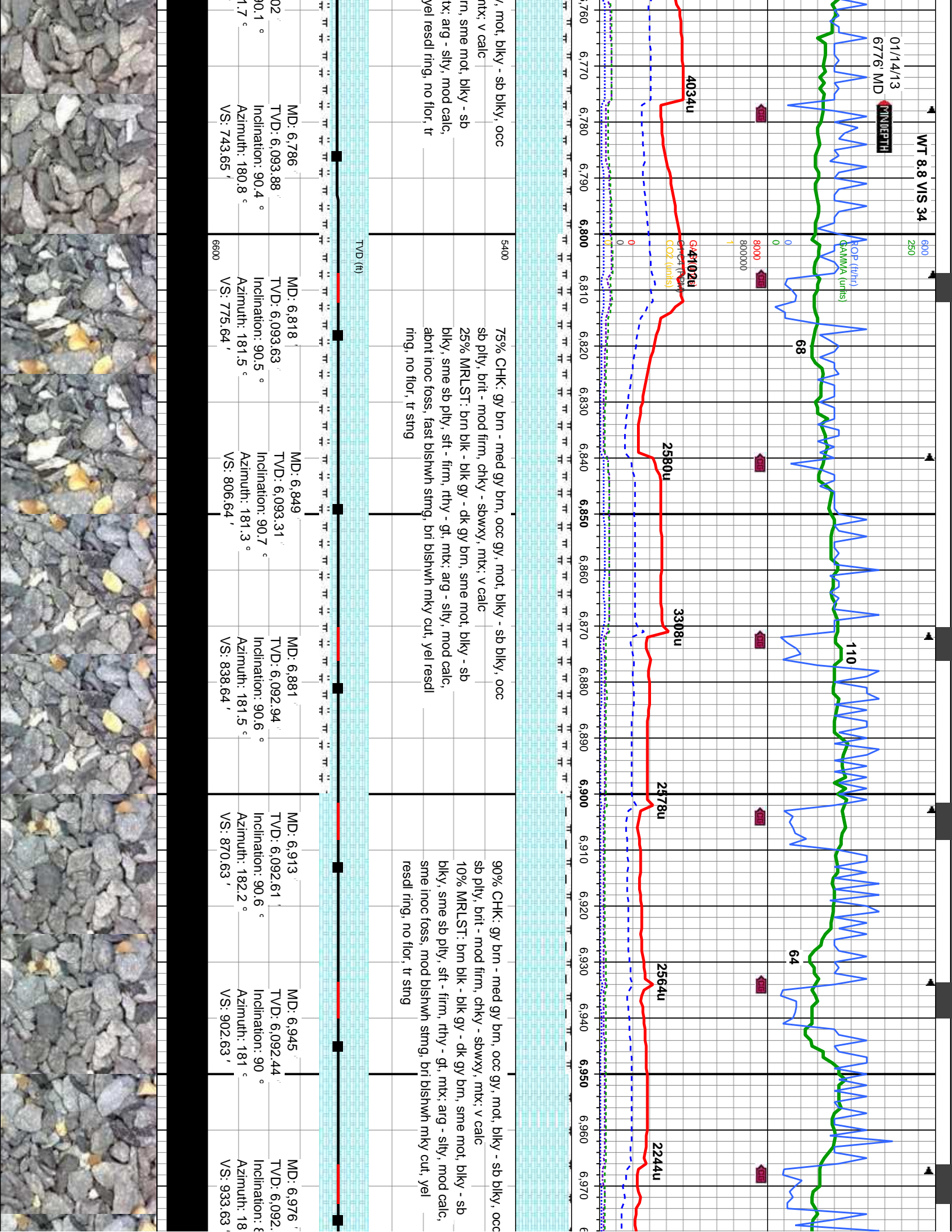


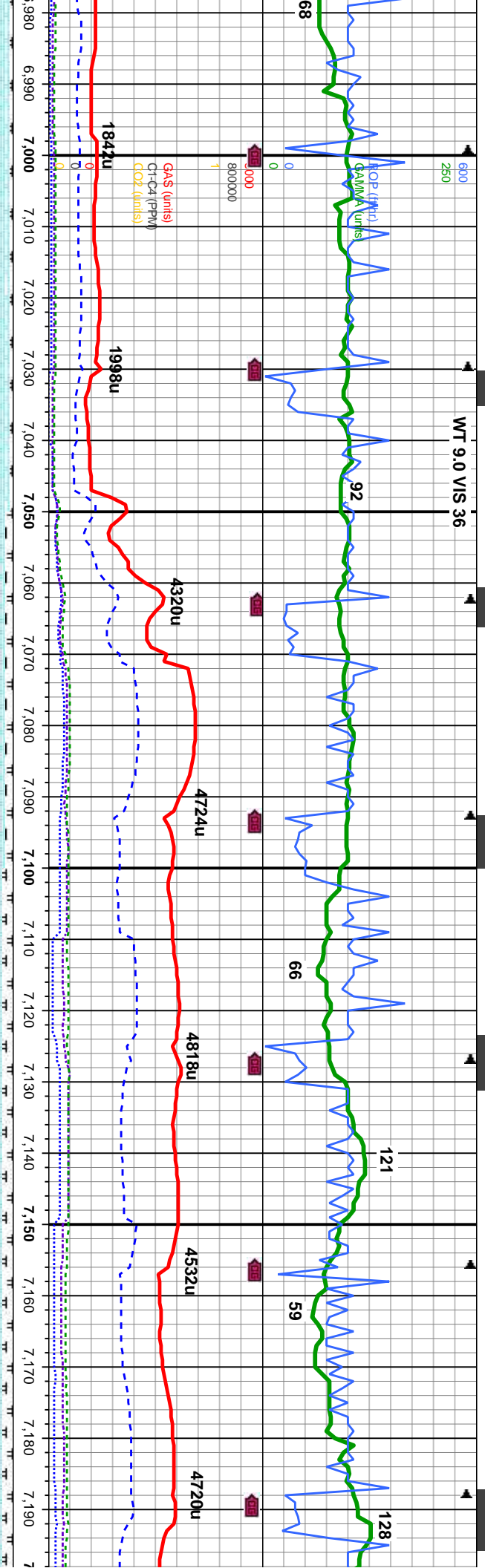
gy brn, sme mot, n, rthy - gt, mtx; arg	70% CHK: gy brn - med gy brn, occ gy, mot, blkly - sb blkly, occ sb plty, brit - mod firm, chky - sbwxy, mtx; v calc	90% CHK: gy brn - med gy brn, occ gy, mot, blkly - sb blkly, occ sb plty, brit - mod firm, chky - sbwxy, mtx; v calc	90% CHK: gy brn - med gy brn, occ gy, mot, blkly - sb blkly, occ sb plty, brit - mod firm, chky - sbwxy, mtx; v calc	90% CHK: blkly, occ
cc gy, mot, blkly - sb	30% MRLST: brn blk - blk gy - dk gy brn, sme mot, blkly - sb blkly, sme sb plty, sft - firm, rthy - gt, mtx; arg	10% MRLST: brn blk - blk gy - dk gy brn, sme mot, blkly - sb blkly, sme sb plty, sft - firm, rthy - gt, mtx; arg	10% MRLST: brn blk - blk gy - dk gy brn, sme mot, blkly - sb blkly, sme sb plty, sft - firm, rthy - gt, mtx; arg	10% MRL calc
mkly cut, yel resd	- silty, mod calc, abnt blshwn stmg, bri blshwn mkly cut, yel resd ring, no flor or sting	- silty, mod calc, abnt blshwn stmg, bri blshwn mkly cut, yel resd ring, no flor or sting	- silty, mod calc, abnt blshwn stmg, bri blshwn mkly cut, yel resd ring, no flor or sting	blkly - sb l - silty, mo cut, yel re

TVD (ft)				
MD: 6,342'	MD: 6,373'	MD: 6,405'	MD: 6,437'	MD: 6,469'
TVD: 6,083.89'	TVD: 6,088.31'	TVD: 6,090.85'	TVD: 6,091.63'	TVD: 6,091.77'
Inclination: 80.1°	Inclination: 83.5°	Inclination: 87.4°	Inclination: 89.8°	Inclination: 89.7°
Azimuth: 181.3°	Azimuth: 181.3°	Azimuth: 181.9°	Azimuth: 182°	Azimuth: 182°
VS: 300.15'	VS: 330.83'	VS: 362.72'	VS: 394.71'	VS: 426.71'
		VS: 457.71'		
				VS: 484.7'



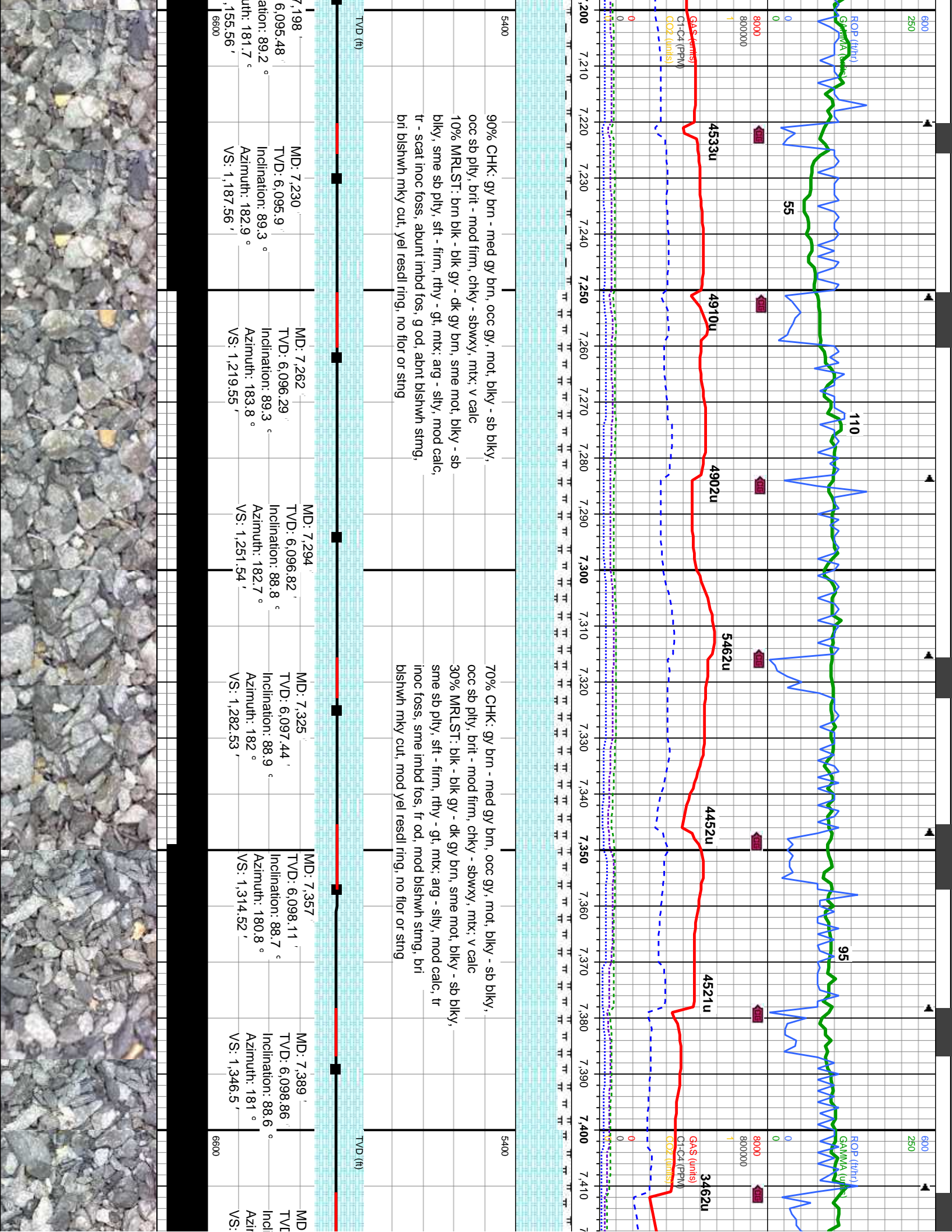


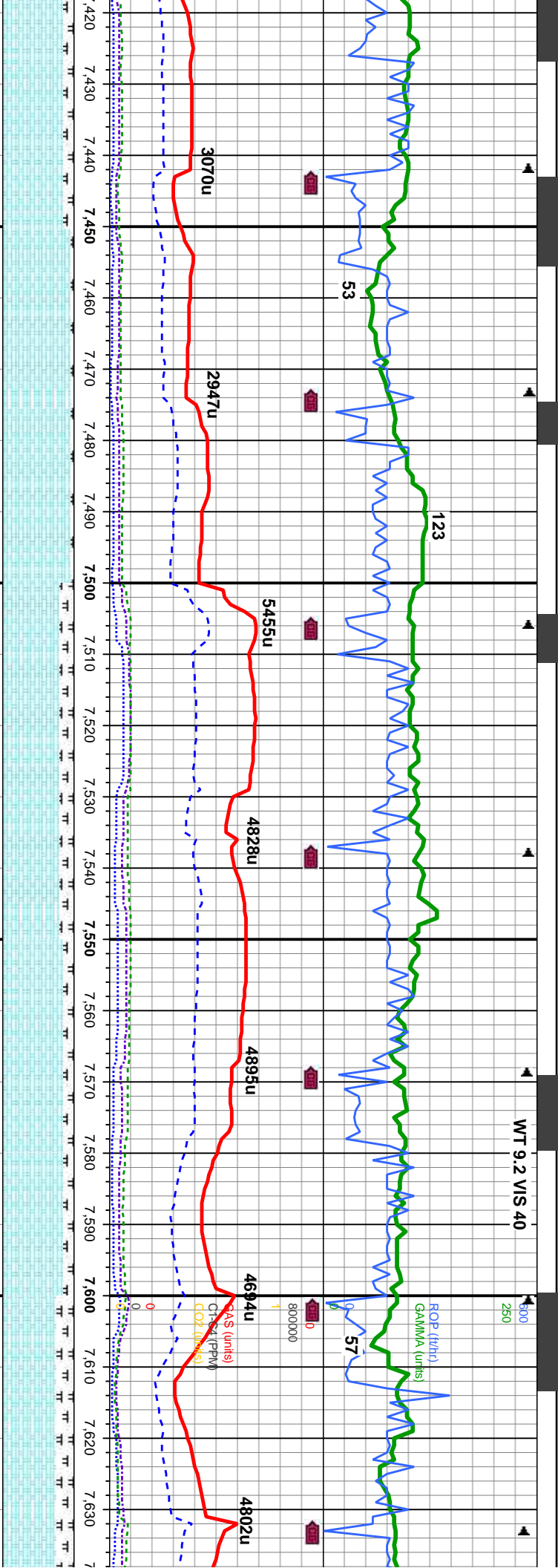




5400	95% CHK: gy brn - med gy brn, occ gy, mot, blkly - sb blkly, occ sb ply, brit - mod firm, chky - sbwxy, mtx; v calc 5% MRLST: brn blk - blk gy - dk gy brn, sme mot, blkly - sb blkly, sme sb ply, sft - firm, rthy - gt, mtx; arg - silty, mod calc, tr - no inoc foss, mod blshwh stmg, bri blshwh mky cut, yel-amb resd ring, no flor, tr sling	85% CHK: gy brn - med gy brn, occ gy, mot, blkly - sb blkly, occ sb ply, brit - mod firm, chky - sbwxy, mtx; v calc 15% MRLST: brn blk - blk gy - dk gy brn, sme mot, blkly - sb blkly, sme sb ply, sft - firm, rthy - gt, mtx; arg - silty, mod calc, tr - scat inoc foss, g od, fast blshwh stmg, bri blshwh mky cut, yel resd ring, no flor, tr sling
TVD (ft)		
MD: 7,008 TVD: 6,092.74 Inclination: 89.9 ° Azimuth: 180.5 ° VS: 965.62	MD: 7,040 TVD: 6,092.94 Inclination: 89.4 ° Azimuth: 180.5 ° VS: 997.6	MD: 7,071 TVD: 6,093.4 Inclination: 88.9 ° Azimuth: 180.5 ° VS: 1,028.59
MD: 7,103 TVD: 6,093.93 Inclination: 89.2 ° Azimuth: 181.5 ° VS: 1,060.58	MD: 7,135 TVD: 6,094.46 Inclination: 88.9 ° Azimuth: 182.4 ° VS: 1,092.57	MD: 7,167 TVD: 6,095.02 Inclination: 89.1 ° Azimuth: 181.9 ° VS: 1,124.57







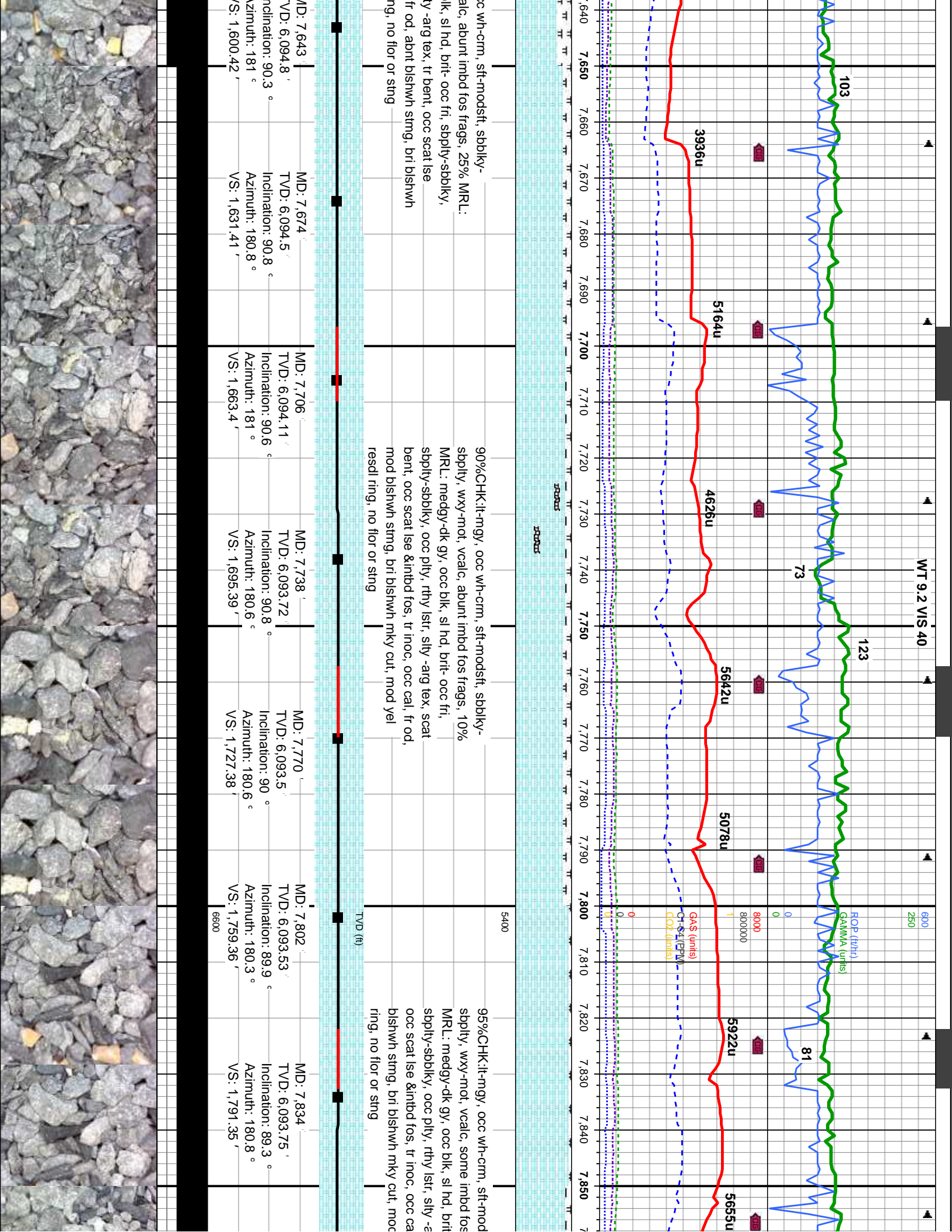
85%CHK:lt-mgy, occ wh-crm, sft-modsft, sbblky- sbply,
wxy-mot, vcalc, abunt imbd fos frags, 15% MRL: medgy-dk gy,
occ blk, sl hd, brit- occ fri, sbply-sbblky, occ pty, rthy lst, slty
-arg tex, scat lse &intbd fos, scat inoc, g od, abnt blshwh stmg,
bri blshwh mky cut, yel resd ring, no flor or stng

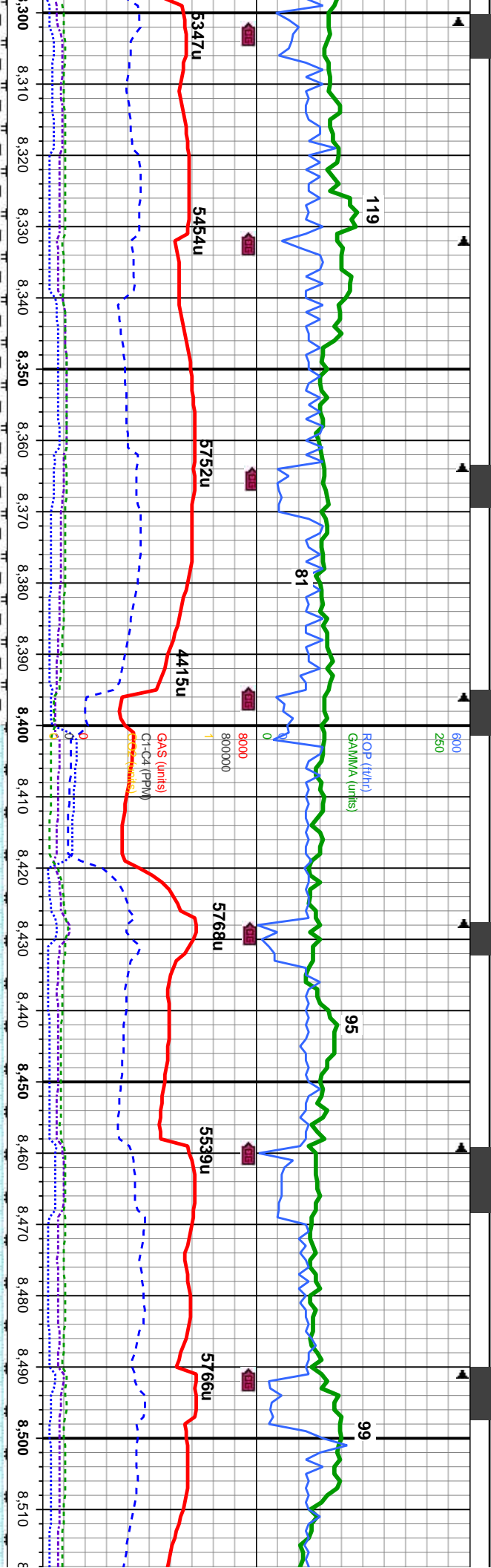
80%CHK:lt-mgy, occ wh-crm, sft-modsft, sbblky- sbply,
wxy-mot, vcalc, abunt imbd fos frags, 20% MRL: medgy-dk
gy, occ blk, sl hd, brit- occ fri, sbply-sbblky, occ pty, rthy
lst, slty -arg tex, tr bent, occ scat lse &intbd fos, scat inoc,
occ cal, g od, abnt blshwh stmg, bri blshwh mky cut, yel
resd ring, no flor or stng

75%CHK:lt-mgy, occ
sbply, wxy-mot, vc
medgy-dk gy, occ b
occ pty, rthy lst, sl
&intbd fos, occ cal,
mky cut, yel resd ri

TVD (ft)	
MD: 7,421	MD: 7,452
TVD: 6,099.17	TVD: 6,098.57
Inclination: 90.3 °	Inclination: 91.9 °
imuth: 181.9 °	Azimuth: 182.2 °
VS: 1,378.5	VS: 1,409.49
MD: 7,484	
TVD: 6,097.6	
Inclination: 91.6 °	
Azimuth: 183.1 °	
VS: 1,441.48	
MD: 7,516	
TVD: 6,096.68	
Inclination: 91.7 °	
Azimuth: 182.9 °	
VS: 1,473.46	
MD: 7,548	
TVD: 6,095.67	
Inclination: 91.9 °	
Azimuth: 182.2 °	
VS: 1,505.44	
MD: 7,579	
TVD: 6,094.97	
Inclination: 90.7 °	
Azimuth: 181.7 °	
VS: 1,536.43	
MD: 7,611	
TVD: 6,094.83	
Inclination: 89.8 °	
Azimuth: 180.6 °	
VS: 1,568.43	







90% CHK: gy brn - med gy brn, occ gy, mot, blk y - sb blk y, occ sb pty,
brit - mod firm, chky - sbwxy, mtx: v calc, v tr imbd inoc fos
10% MRLST: brn blk - blk gy - dk gy brn, sme mot, blk y - sb blk y, sme
sb pty, sft - firm, rthy - gt, mtx: arg - slty, mod calc, v tr inoc foss frag,
abnt blshwh stmg, bri blshwh mky cut, yel resd ring, no flor or sting

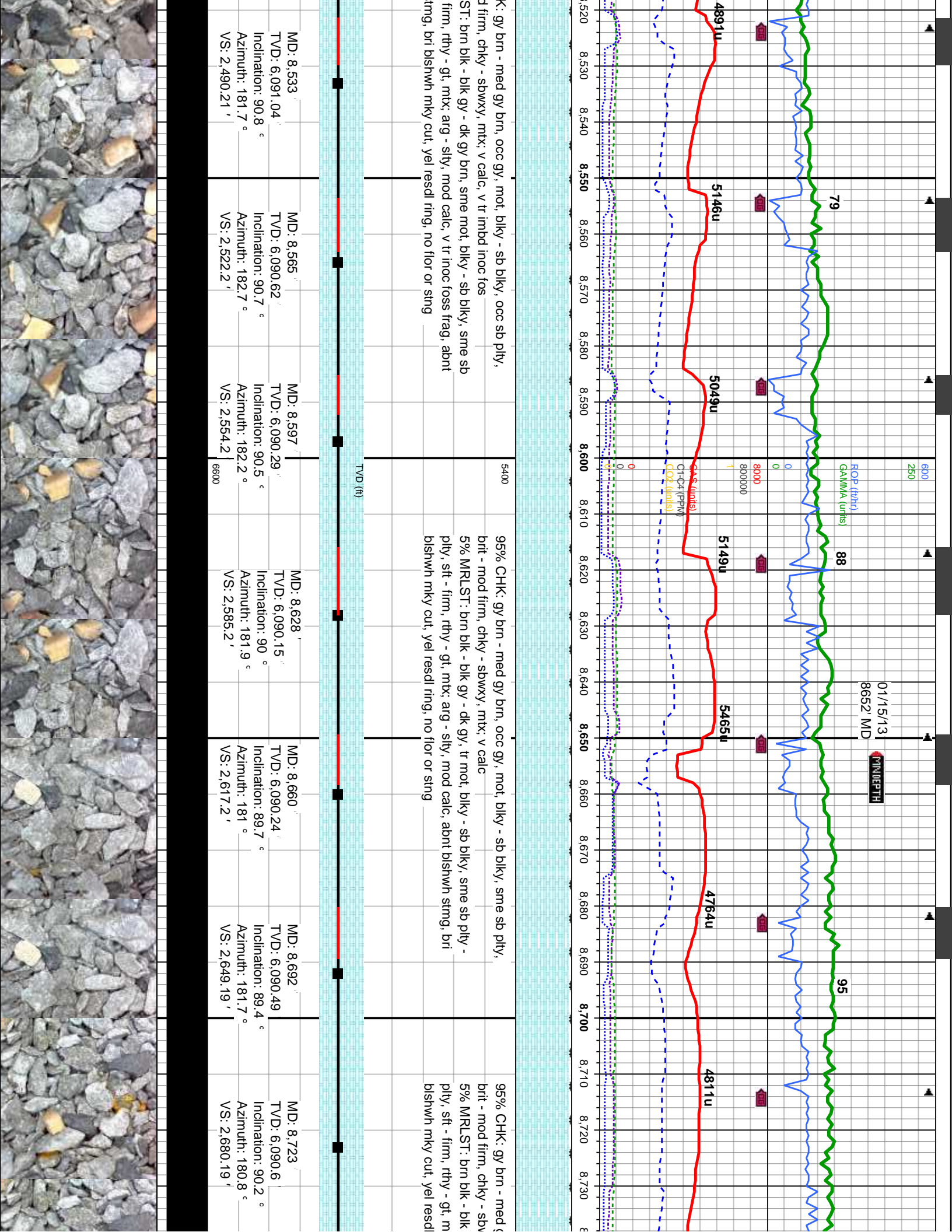
95% CHK: gy brn - med gy brn, occ gy, mot, blk y - sb blk y, occ sb pty,
brit - mod firm, chky - sbwxy, mtx: v calc
5% MRLST: brn blk - blk gy - dk gy brn, sme mot, blk y - sb blk y, sme sb
pty, sft - firm, rthy - gt, mtx: arg - slty, mod calc, v tr inoc foss frag, abnt
blshwh stmg, bri blshwh mky cut, yel resd ring, no flor or sting

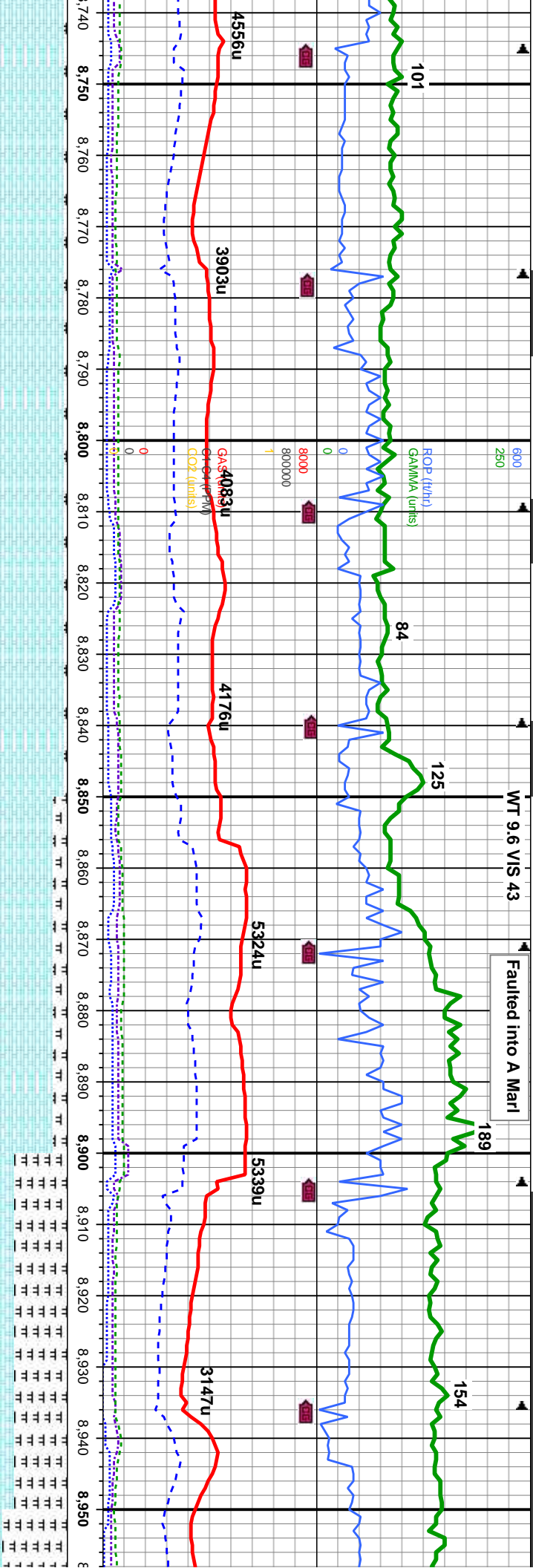
95% CH
brit - mod
5% MRL
pty, sft -
blshwh s

TVD (ft)

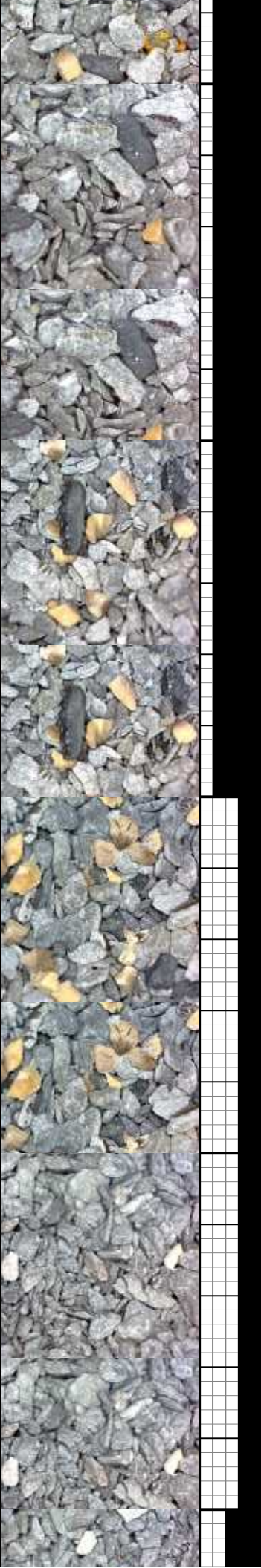
MD: 8,311 ' TVD: 6,095.44 ' Inclination: 90.7 ° Azimuth: 183.4 ° VS: 2,268.28 '	MD: 8,342 ' TVD: 6,094.93 ' Inclination: 91.2 ° Azimuth: 183.4 ° VS: 2,299.27 '	MD: 8,374 ' TVD: 6,094.28 ' Inclination: 91.1 ° Azimuth: 182.4 ° VS: 2,331.26 '	MD: 8,406 ' TVD: 6,093.59 ' Inclination: 91.4 ° Azimuth: 183.1 ° VS: 2,363.25 ' VS: 2,363.25 ' (5000)	MD: 8,437 ' TVD: 6,092.77 ' Inclination: 91.6 ° Azimuth: 183.4 ° VS: 2,394.23 '	MD: 8,469 ' TVD: 6,091.99 ' Inclination: 91.2 ° Azimuth: 183.1 ° VS: 2,426.22 '	MD: 8,501 ' TVD: 6,091.46 ' Inclination: 90.7 ° Azimuth: 182 ° VS: 2,458.21 '
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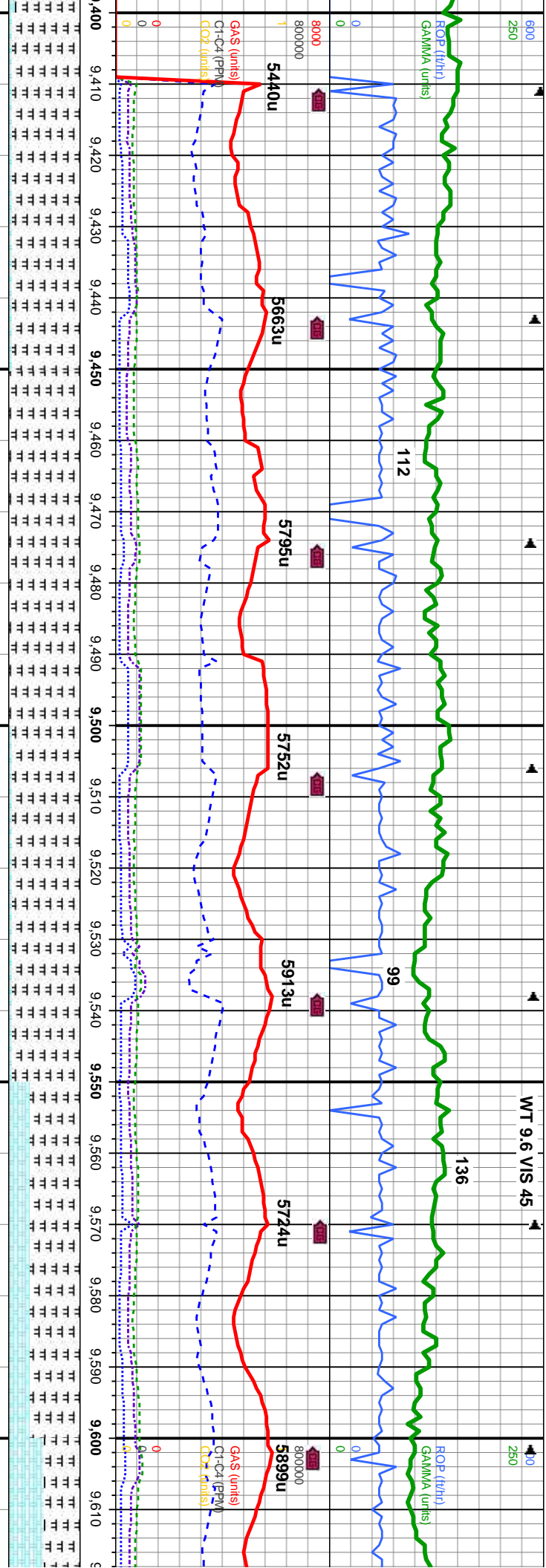






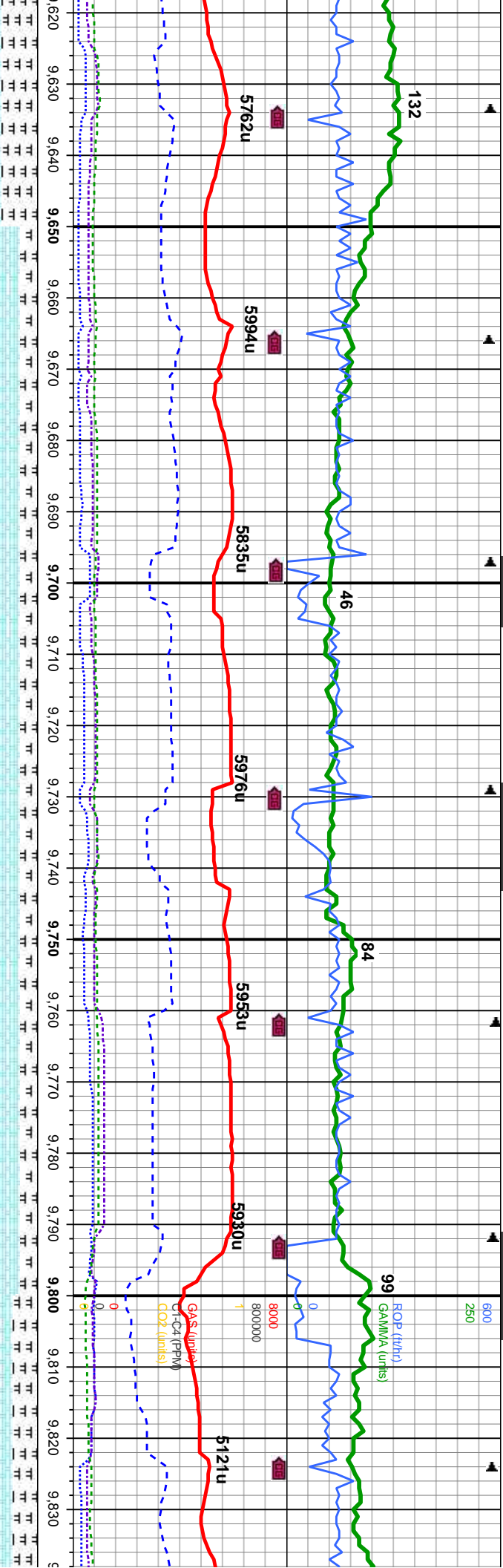
95% CHK: gy brn - med gy brn, occ gy, mot, blk y - sb blk y, sme sb pty, brit - mod firm, chky - sbwxy, mtx: v calc 5% MRLST: brn blk - blk gy - dk gy, tr mot, blk y - sb blk y, sme sb pty - pty, sft - firm, rthy - gt, mtx: arg - sily, mod calc, tr bishwh stmg, fnt bishwh mky cut, fnt - tr yel resd ring, no flor or stng		MD: 8,818 TVD: 6,089.49 Inclination: 90.2 ° Azimuth: 182 ° VS: 2,775.18 '	MD: 8,850 TVD: 6,089.57 Inclination: 89.5 ° Azimuth: 181.7 ° VS: 2,807.17 '	MD: 8,882 TVD: 6,089.94 Inclination: 89.2 ° Azimuth: 182 ° VS: 2,839.17 '	MD: 8,914 TVD: 6,090.44 Inclination: 89 ° Azimuth: 181.3 ° VS: 2,871.17 '	MD: 8,945 TVD: 6,091.11 Inclination: 88.5 ° Azimuth: 181.2 ° VS: 2,902.16 '
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95% MRLST: blk - blk gy - dk gy, tr mot, blkly - sb blkly, sme sb ply, sft - firm, rthy - gt, mtz: arg - slty, mod calc, 5% CHK: med gy brn, occ gy, mot, blkly - sb blkly, sme sb ply, brit - mod firm, chky - sbwxy, mtz: v calc, tr sec cal, tr bent, fr od, mod blshwh stmg, bri blshwh mky cut, mod yel resd ring, no flr or sting		MD: 9.421	MD: 9.453	MD: 9.485	MD: 9.517	MD: 9.549	MD: 9.580	MD: 9.612
		TVL: 6.095.92	TVL: 6.096.14	TVL: 6.096.28	TVL: 6.096.39	TVL: 6.096.5	TVL: 6.096.53	TVL: 6.096
		Inclination: 89.6 °	Inclination: 89.6 °	Inclination: 89.9 °	Inclination: 89.7 °	Inclination: 89.9 °	Inclination: 90 °	Inclination:
		Azimuth: 181.2 °	Azimuth: 180.3 °	Azimuth: 181.3 °	Azimuth: 181 °	Azimuth: 181 °	Azimuth: 181 °	Azimuth: 11
		VS: 3.378.03 '	VS: 3.410.02 '	VS: 3.442.01 '	VS: 3.474 '	VS: 3.506 '	VS: 3.536.99 '	VS: 3.568.5

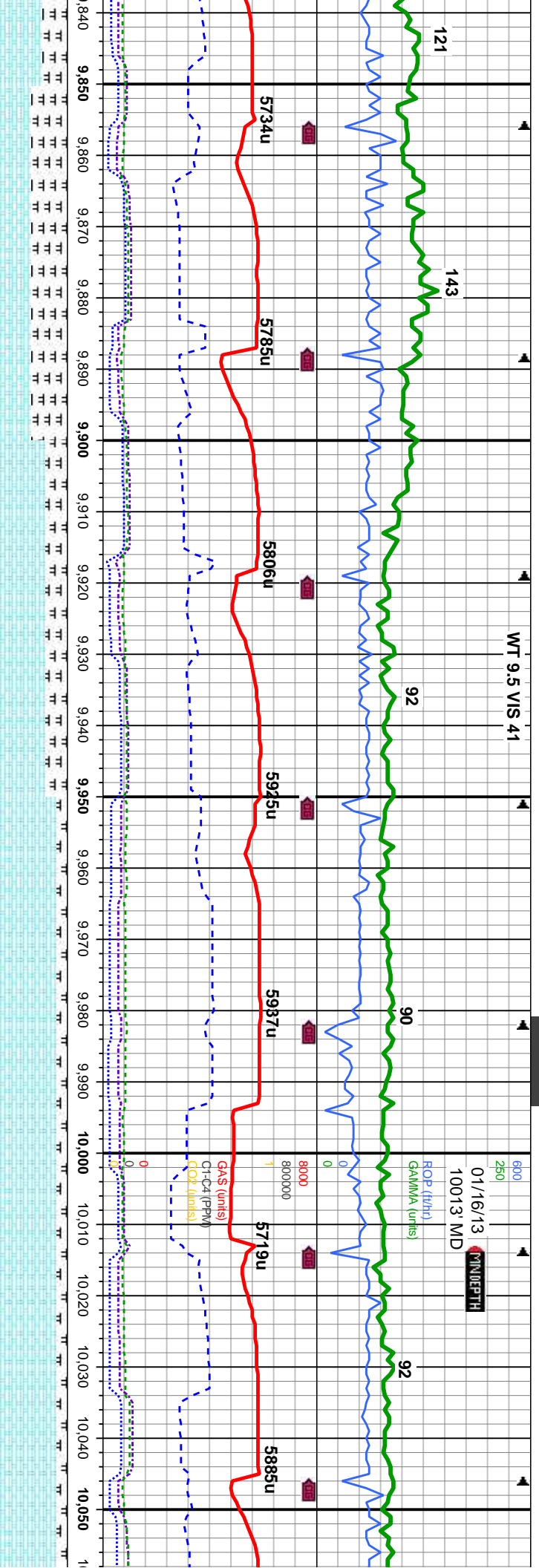




MMRLST: blk - blk gy - dk gy, sme gnshgy, tr mot, blk - sb
sme sb ply, sft - firm, rthy - gt, mtk: arg - slty, mod calc,
CHK: med gy brn, occ gy, mot, blk - sb blk, sme sb
mot - mod firm, chky - sbwxy, mtk: v calc, tr sec cal, tr bent,
mod bishwh stmg, bri bishwh mky cut, mod yel resd
no flr or stng

MD: 9,645 TVD: 6,096.27 Inclination: 90.5 ° Azimuth: 181.2 ° VS: 3,601.96'	MD: 9,675 TVD: 6,095.91 Inclination: 90.9 ° Azimuth: 181 ° VS: 3,631.96'	MD: 9,707 TVD: 6,095.32 Inclination: 91.2 ° Azimuth: 181.5 ° VS: 3,663.95'	MD: 9,739 TVD: 6,094.79 Inclination: 90.7 ° Azimuth: 181.5 ° VS: 3,695.94'	MD: 9,771 TVD: 6,094.43 Inclination: 90.6 ° Azimuth: 180.3 ° VS: 3,727.93'	MD: 9,803 TVD: 6,094.32 Inclination: 89.8 ° Azimuth: 181 ° VS: 3,759.92'	MD: 9,834 TVD: 6,094 Inclination: 89.8 ° Azimuth: 181 ° VS: 3,790.9
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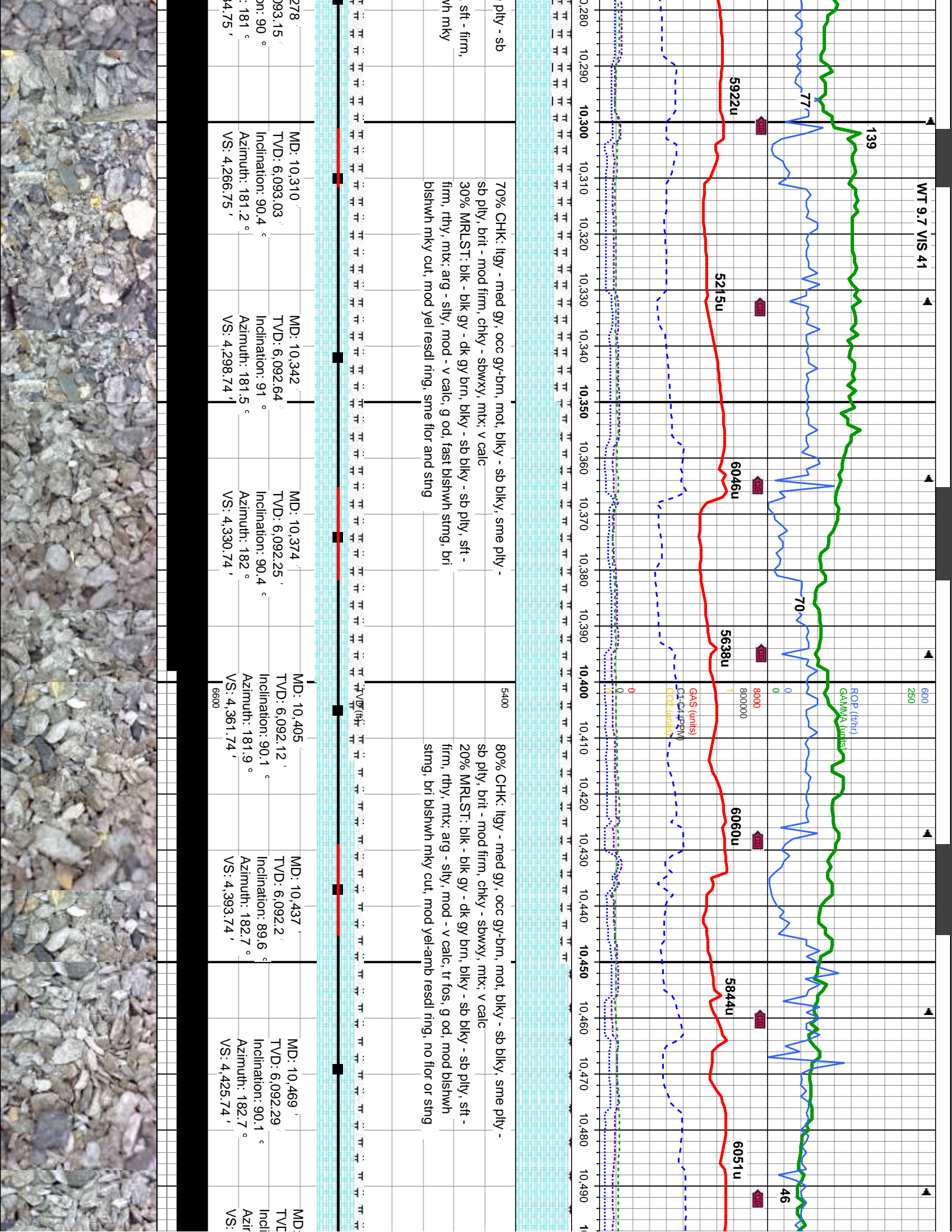
brn, occ gy, mot, blk, sb blk, occ sb ply,
y, mtx, v calc
gy - dk gy brn, sme mot, blk - sb blk, sme
mtx, arg - silty, mod calc, mod bishwh sting,
bl-amb resdl ring, no flr or sting

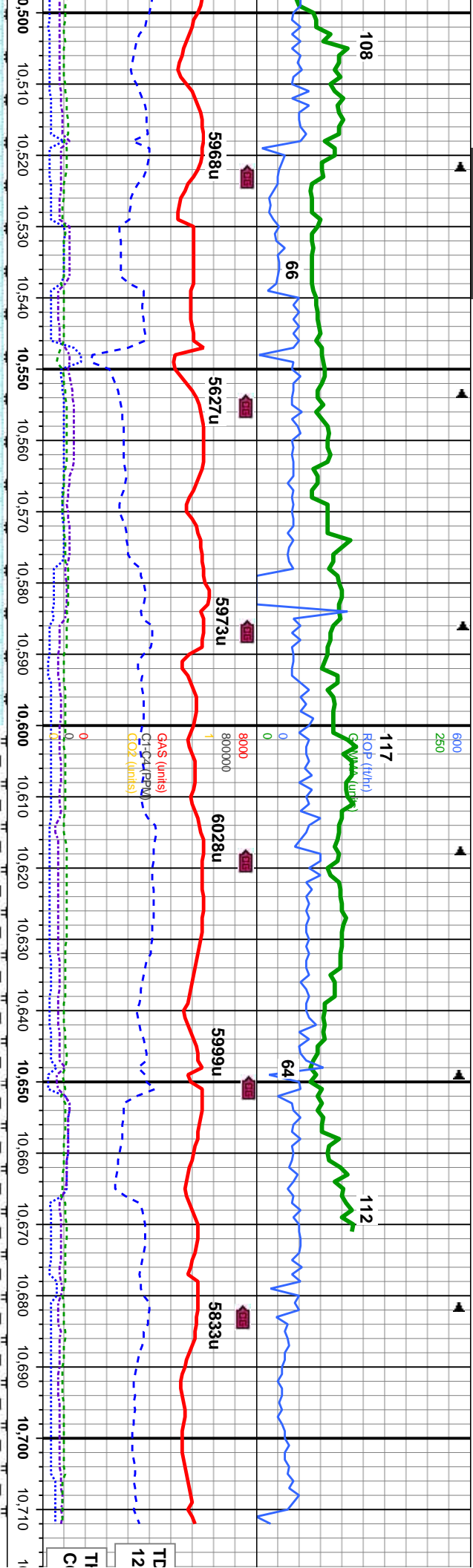
70% CHK: gy brn - med gy brn, occ gy, mot, blk, sb blk, occ sb ply,
brit - mod firm, chky - sbwxy, mtx, v calc
30% MRLST: brn blk - blk gy - dk gy brn, sme mot, blk - sb blk, sme
sb ply, sft - firm, rthy - gt, mtx, arg - silty, mod calc, mod bishwh sting,
bri bishwh mky cut, mod yel resdl ring, no flr or sting

85% CHK: gy brn - med gy brn, occ gy, mot,
ply, brit - mod firm, chky - sbwxy, mtx, v cal
15% MRLST: brn blk - blk gy - dk gy brn, blk
rthy - gt, mtx, arg - silty, mod - v calc, fast bls
cut, thk yel resdl ring, no flr or sting

MD: 9,866 TVD: 6,094.73 Inclination: 89.7 ° Azimuth: 180.3 ° VS: 3,822.9 '	MD: 9,897 TVD: 6,094.81 Inclination: 90 ° Azimuth: 180.1 ° VS: 3,853.88 '	MD: 9,929 TVD: 6,094.7 Inclination: 90.4 ° Azimuth: 181 ° VS: 3,885.87 '	MD: 9,961 TVD: 6,094.45 Inclination: 90.5 ° Azimuth: 181 ° VS: 3,917.86 '	MD: 9,993 TVD: 6,094.31 Inclination: 90 ° Azimuth: 181 ° VS: 3,949.86 '	MD: 10,024 TVD: 6,094.31 Inclination: 90 ° Azimuth: 180.1 ° VS: 3,980.84 '	MD: 10,056 TVD: 6,094 Inclination: Azimuth: 17 VS: 4,012.8
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95% CHK: lgy - med gy, occ gy-brn, mot, blkly - sb blkly, sme pty
- sb pty, brit - mod firm, chky - sbwxy, mtx: v calc
5% MRLST: blk - blk gy - dk gy brn, blkly - sb blkly - sb pty, sft -
firm, rthy, mtx: arg - slty, mod - v calc, g od, fast bishwh string, bri
bishwh mky cut, mod yel resd ring, no flir or sting

90% CHK: lgy - med gy, occ gy-brn, mot, blkly - sb blkly, sme pty
- sb pty, brit - mod firm, chky - sbwxy, mtx: v calc
10% MRLST: blk - blk gy - dk gy brn, blkly - sb blkly - sb pty, sft -
firm, rthy, mtx: arg - slty, mod - v calc, g od, fast bishwh string, bri
bishwh mky cut, mod yel resd ring, no flir or sting

10,501	MD: 10,532	MD: 10,564	MD: 10,596	MD: 10,628	MD: 10,659
6,092.4	TVD: 6,092.72	TVD: 6,093.5	TVD: 6,094.56	TVD: 6,095.51	TVD: 6,096.41
Inclination: 89.5	Inclination: 89.3	Inclination: 87.9	Inclination: 88.3	Inclination: 88.3	Inclination: 88.4
Azimuth: 181.9	Azimuth: 181.7	Azimuth: 181.7	Azimuth: 182.7	Azimuth: 181.7	Azimuth: 181.5
VS: 4,457.73	VS: 4,488.73	VS: 4,520.72	VS: 4,552.7	VS: 4,584.69	VS: 4,615.67



