

COLUMBINE LOGGING

Scale: 5" / 100'
Measured Depth Log

Well Name Carlson A-15-16HN

Location NENE Sec 15 T5N R65W

State Colorado

County Weld

Country United States

Rig Number Frontier (Utah) 8

API Number 05-123-41720

AFE # 41720

Region DJ Basin

Field Wattenberg

Spud Date 7/9/2015

Drilling Completed 10/4/2015

Surface Coordinates 1057 FNL 234 FEL
N 40.403694 W 104.640808

Bottom Hole Coordinates 160 FNL 2342 FWL

Ground Elevation 4621'

K.B. Elevation 4643'

Logged Interval 6000' **To** 14866'

Total Depth 14866'

Formation Niobrara

Type of Drilling Fluid FWLSND

Operator

Company Bayswater Exploration & Production, LLC.

Address 730 17th St.
Denver, CO 80202

Geologist

Name Mark E. Brown

Company Bayswater Exploration & Production, LLC.

Address 730 17th St.
Denver, CO 80202



Other

Robert Davis Lead Senior Wellsite Geologist
Ben Katka Wellsite Geologist

Columbine Logging Computer 148
Bloodhound Unit 298

Tracy Lawson Wellsite Geologist

Zone Color Coding

Oil

Note

Error

Condensate

Core

Water

Gas

Pressure

Seal

Engineering

Oil Show

PINPOINT

VUGGY

Rock Types

UNKNOWN

ANHYDRITE

BENTONITE

BRECCIA

CHALK

CEMENT

CHERT

CLAY CHOKE SANC

CLAYSTONE

COAL

CONGLOMERATE

DOLOMITE

DOLOMITIC LIMESTONE

GRANITE

GYPSUM

IGNEOUS

SIDERITE or LIMONITE

LIMESTONE

MARLSTONE

METAMORPHIC

NO SAMPLE

SALT

SANDSTONE

SALT-PEPPER SANC

SHALE

SHALE COLORED

SHALE GRAY

SHALY SANDSTONE

SHALY SILTSTONE

SILTY SHALE

SILTSTONE

TILL

TUFF

WELDED TUFF

Accessories

Fossils

GASTROPOD

INOCERAMUS

OOLITE

OSTRACOD

PELECYPOD

PELLET

PISOLITE

PLANT REMAINS

PLANT SPORES

SCAPHOPOD

STROMATOPOROID

CORAL

CRINOID

ECHINOID

FISH

FORAMINIFERA

FOSSIL

Minerals

ANHYDRITIC

ARGILLACEOUS

ARGILLITE GRAIN

BENTONITE

BITUMENOUS SUBSTANCE

BRECCIA FRAGMENTS

CALCAREOUS

CARBONACEOUS FLAKES

CHERT

CHERT

COAL - THIN BEDS

DOLOMITIC

FELDSPAR

FERRUGINOUS PELLET

FERRUGINOUS

GLAUCOUS

GYPSIFEROUS

HEAVY MINERAL

KAOLIN

MARCASITE

MARLSTONE

MICACEOUS

MINERAL CRYSTALS

NODULES

PHOSPHATE PELLETS

PYRITE

SALT CAST

SANDY

SIDERITE

SILTACEOUS

SILTY

TUFFACEOUS

ANHYDRITE STRINGER

BENTONITE STRINGER

COAL STRINGER

DOLOMITE STRINGER

GYPSUM STRINGER

LIMESTONE STRINGER

MARLSTONE (CALO) STRG

MARLSTONE STRINGER

SANDSTONE STRINGER

SHALE STRINGER

SILTSTONE STRINGER

DEAD

EVEN

QUESTIONABLE

BIT

SPOTTED STAINING

CONNECTION (UP)

Porosity

CONNECTION (DOWN)

CONNECTION GAS

TRIP GAS

FENESTRAL

FRACTURE

INTERFRACTURE

INTERCRYSTALLINE

INTEROOLITIC

MOLDIC

ORGANIC

CONNECTION GAS

TRIP GAS

FENESTRAL

FRACTURE

INTERFRACTURE

INTERCRYSTALLINE

INTEROOLITIC

MOLDIC

ORGANIC

CORE - LOST

CORE - RECOVERED

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


 **MINDEPTH** MN DEPTH UP **MS** MUDSTONE

Rounding

 **MINDEPTH** MN DEPTH (DOWN) **A** ANGULAR **PS** PACKSTONE

 NORMAL FAULT **R** ROUNDED **WS** WACKESTONE

 **(LEFT)** OVERTURNED STRATA **B** SUBANG


 REVERSE FAULT **R** SUBRND

Sorting

 CASING **M** MODERATE

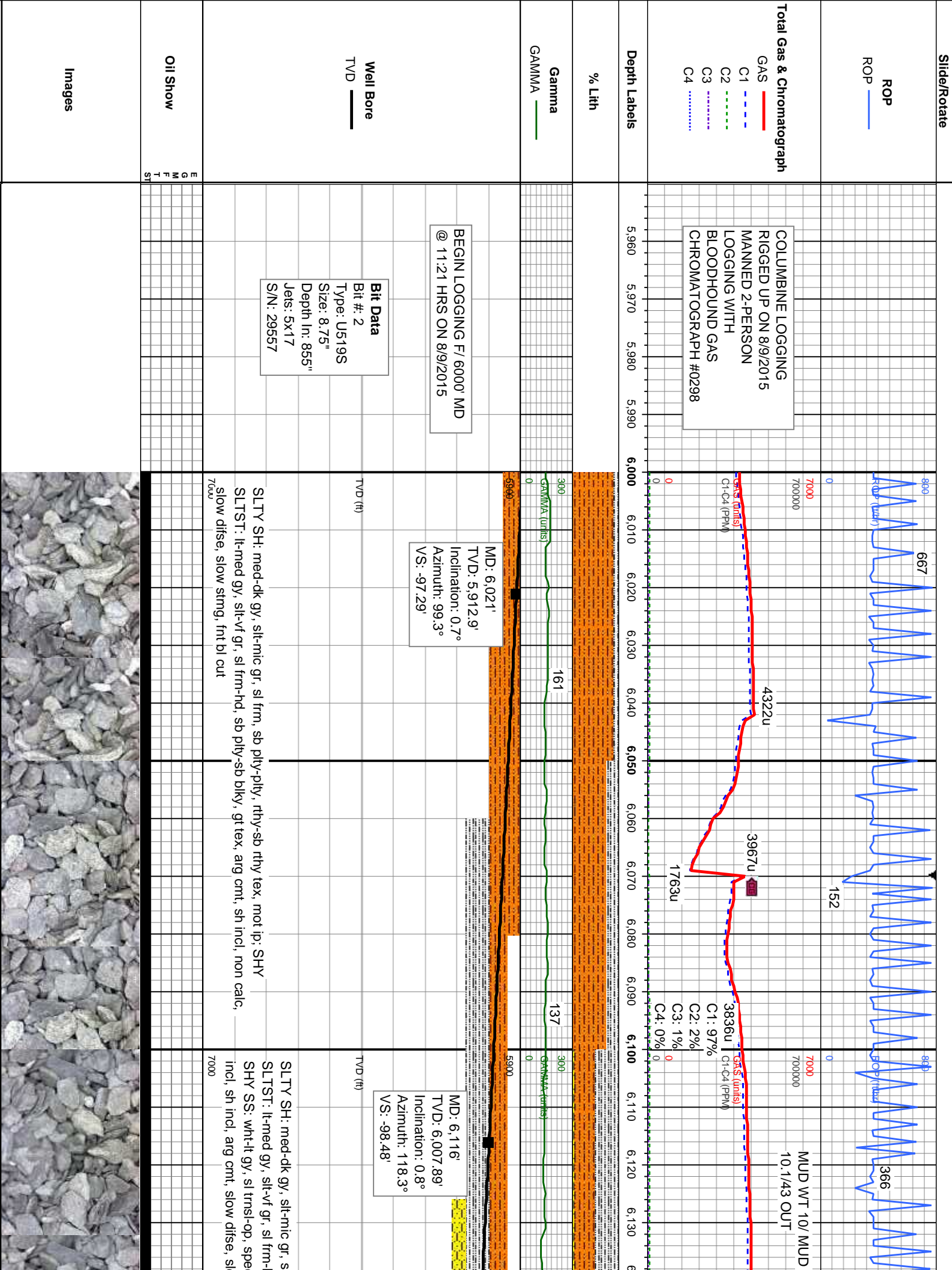
Textures

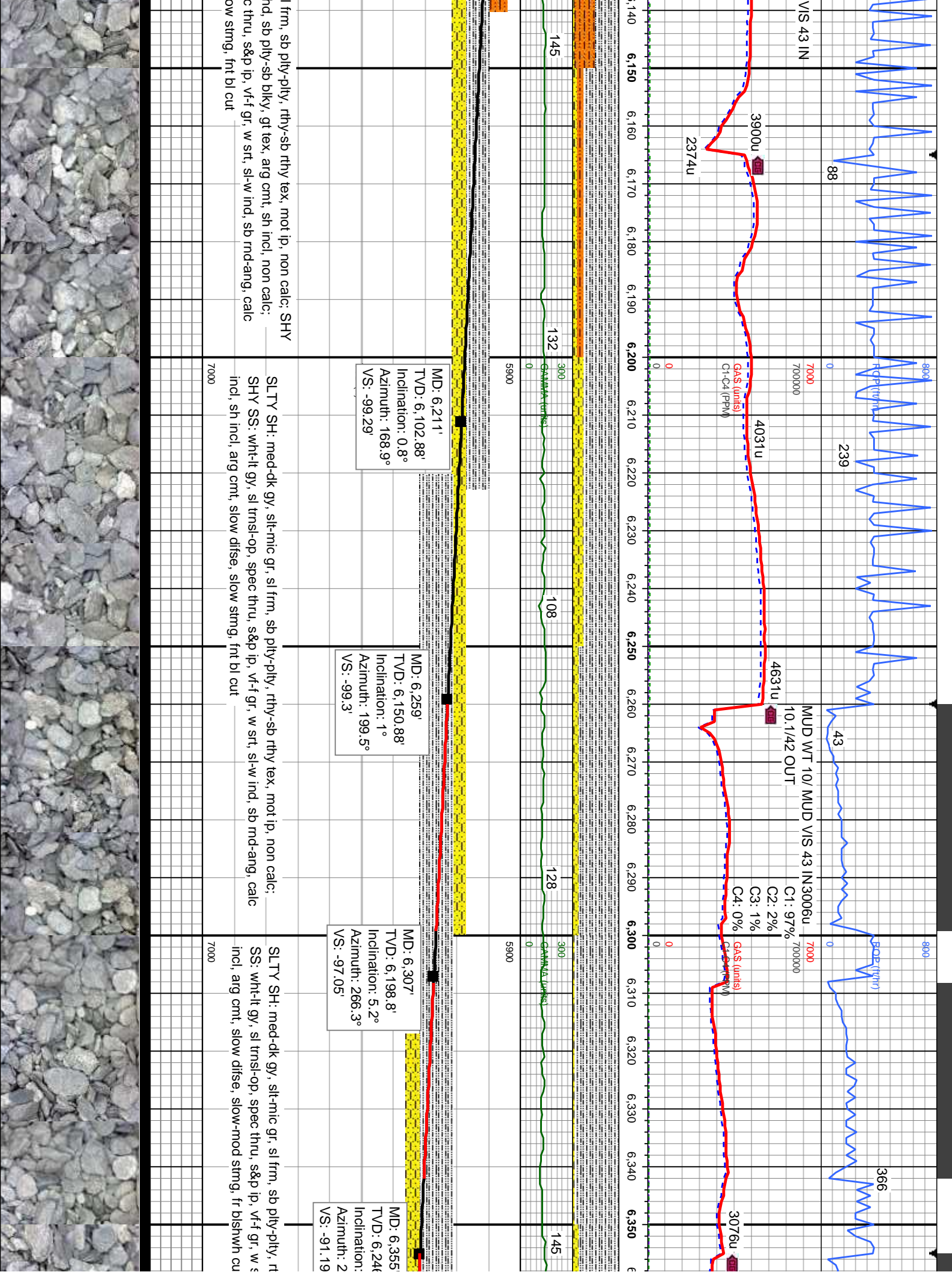
 SIDEWALL CORE (LEFT) **P** POOR

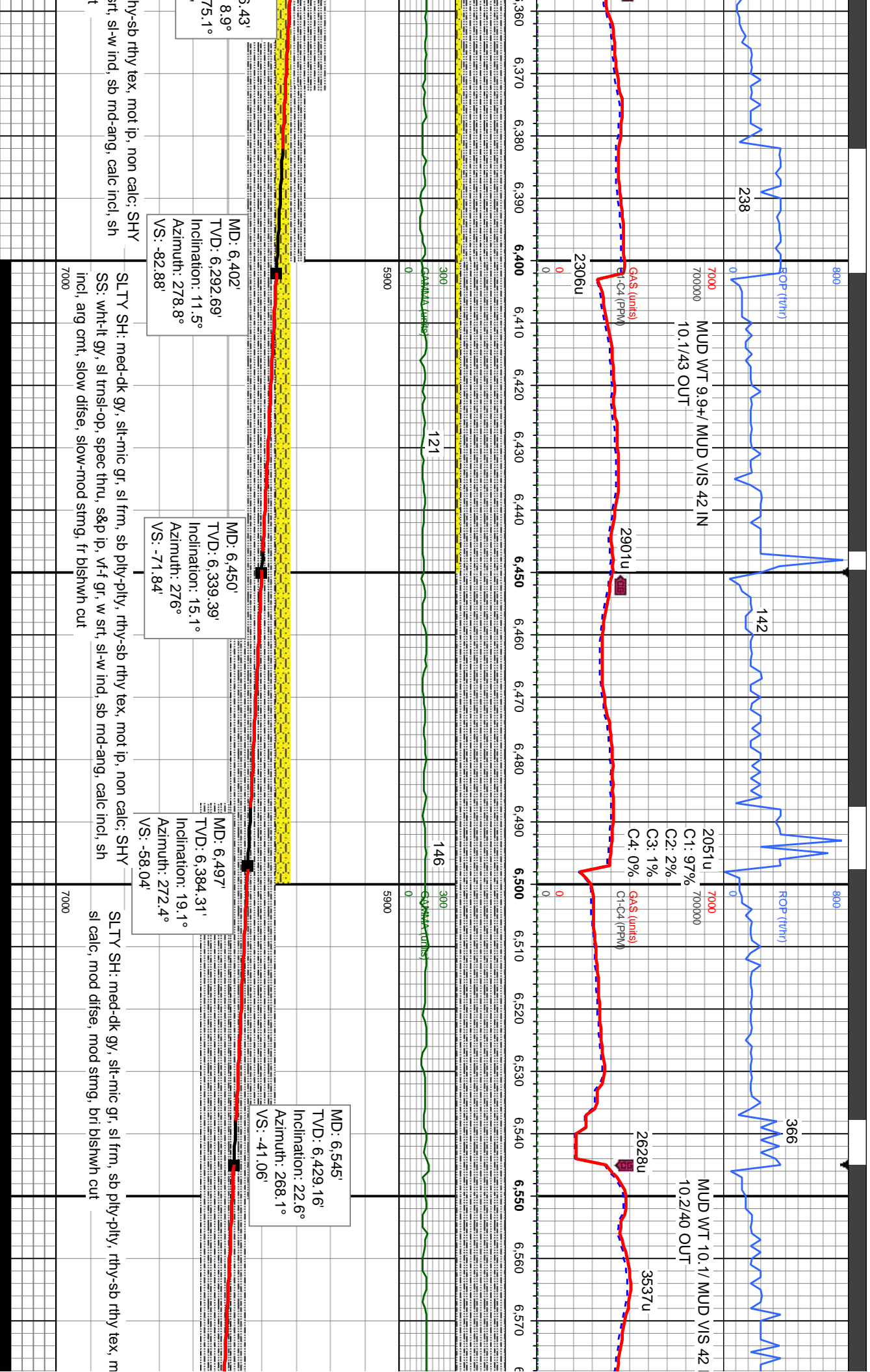
 **(LEFT)** SIDEWALL CORE (RIGHT) **BS** BOUNDSTONE **W** WELL

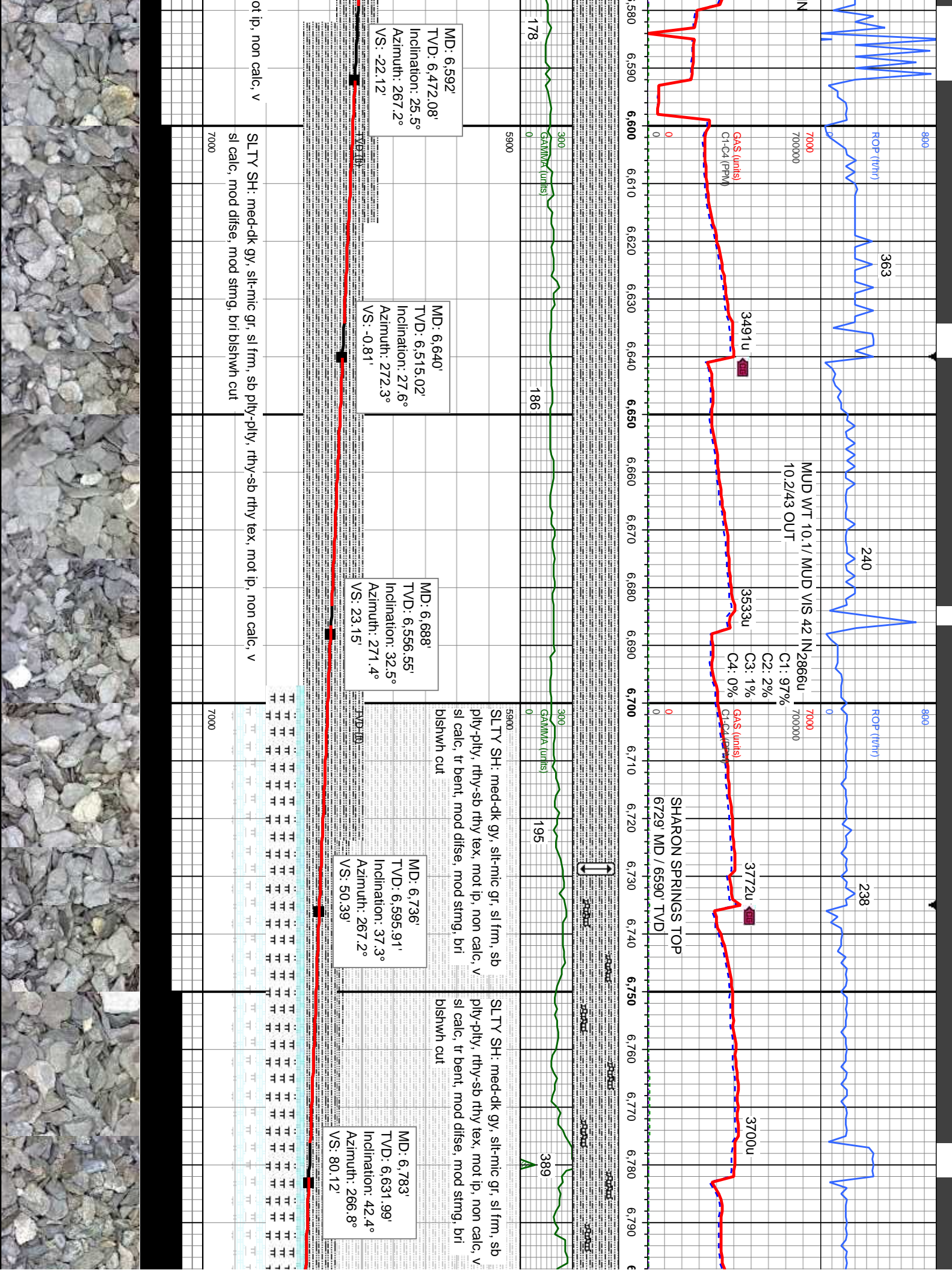
 SLIDE **C** CHALKY

 **DST** SURVEY **CX** CRYPTOXLN









MUD WT 10.1 / MUD VIS 42 IN 2866u 10.2/43 OUT

C1: 97%
C2: 2%
C3: 1%
C4: 0%

SHARON SPRINGS TOP
6729 MD / 6590' TVD

MD: 6.592'
TVD: 6.472.08'
Inclination: 25.5°
Azimuth: 267.2°
VS: -22.12'

MD: 6.640'
TVD: 6.515.02'
Inclination: 27.6°
Azimuth: 272.3°
VS: -0.81'

MD: 6.688'
TVD: 6.556.55'
Inclination: 32.5°
Azimuth: 271.4°
VS: 23.15'

MD: 6.736'
TVD: 6.595.91'
Inclination: 37.3°
Azimuth: 267.2°
VS: 50.39'

MD: 6.783'
TVD: 6.631.99'
Inclination: 42.4°
Azimuth: 266.8°
VS: 80.12'

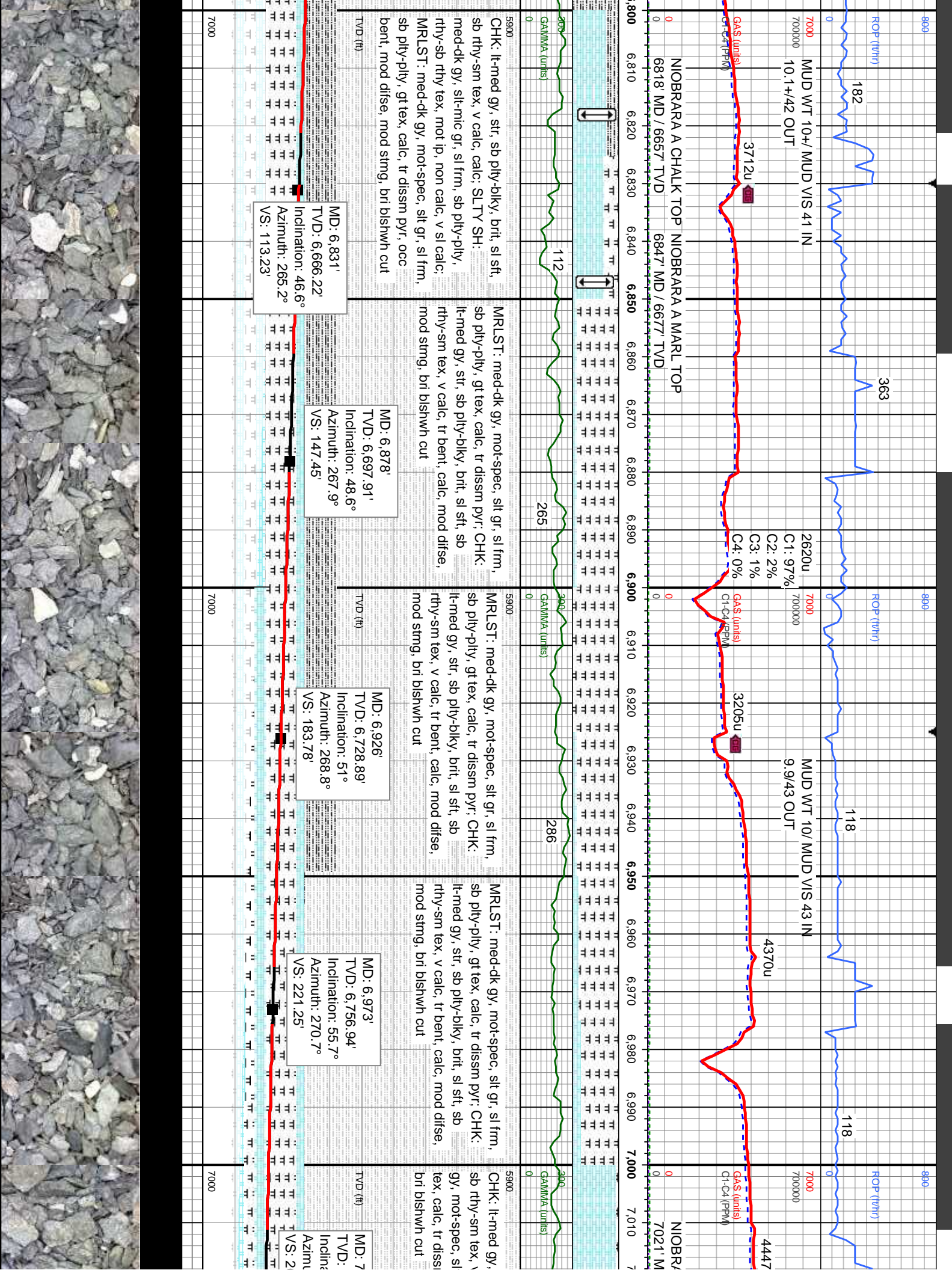
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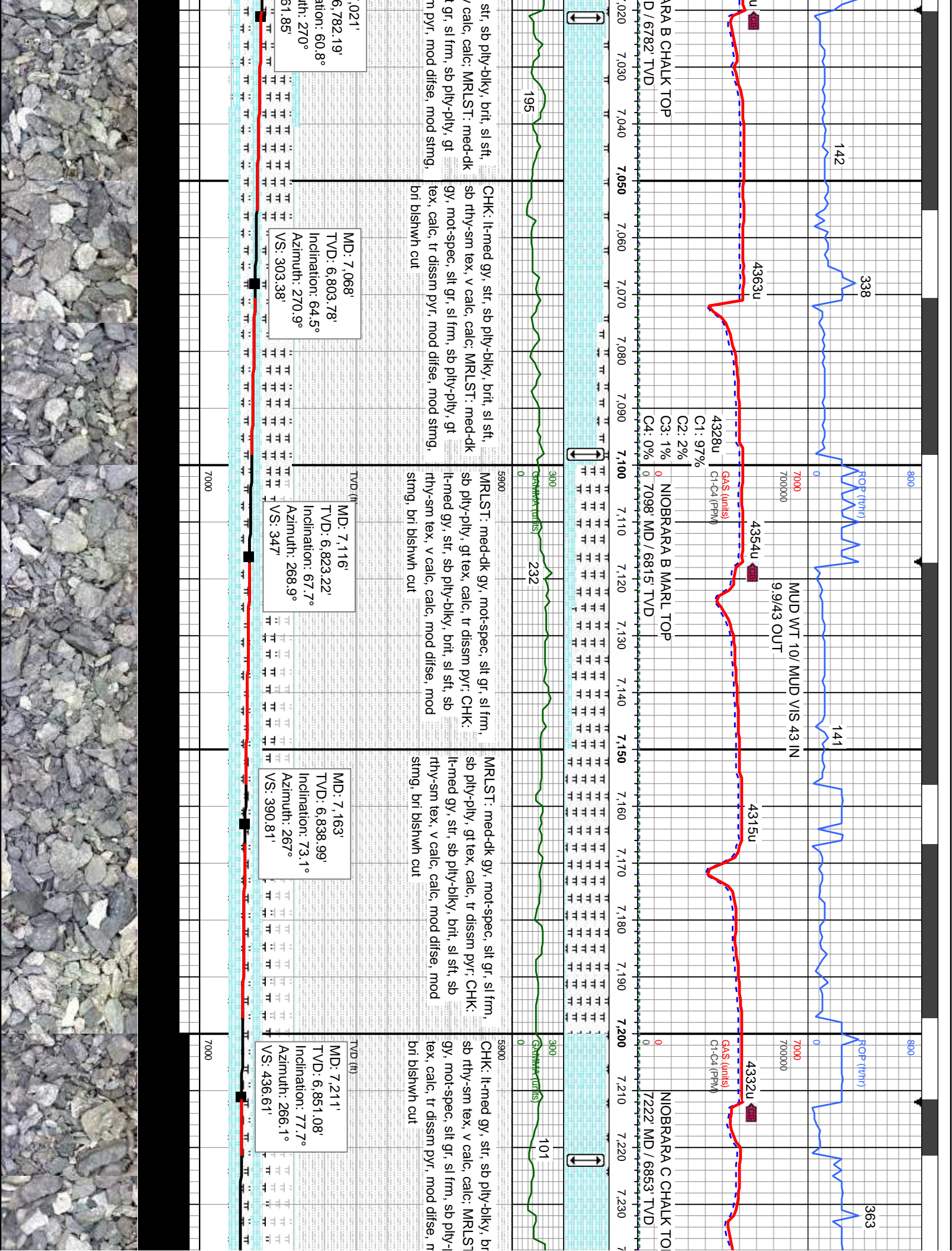
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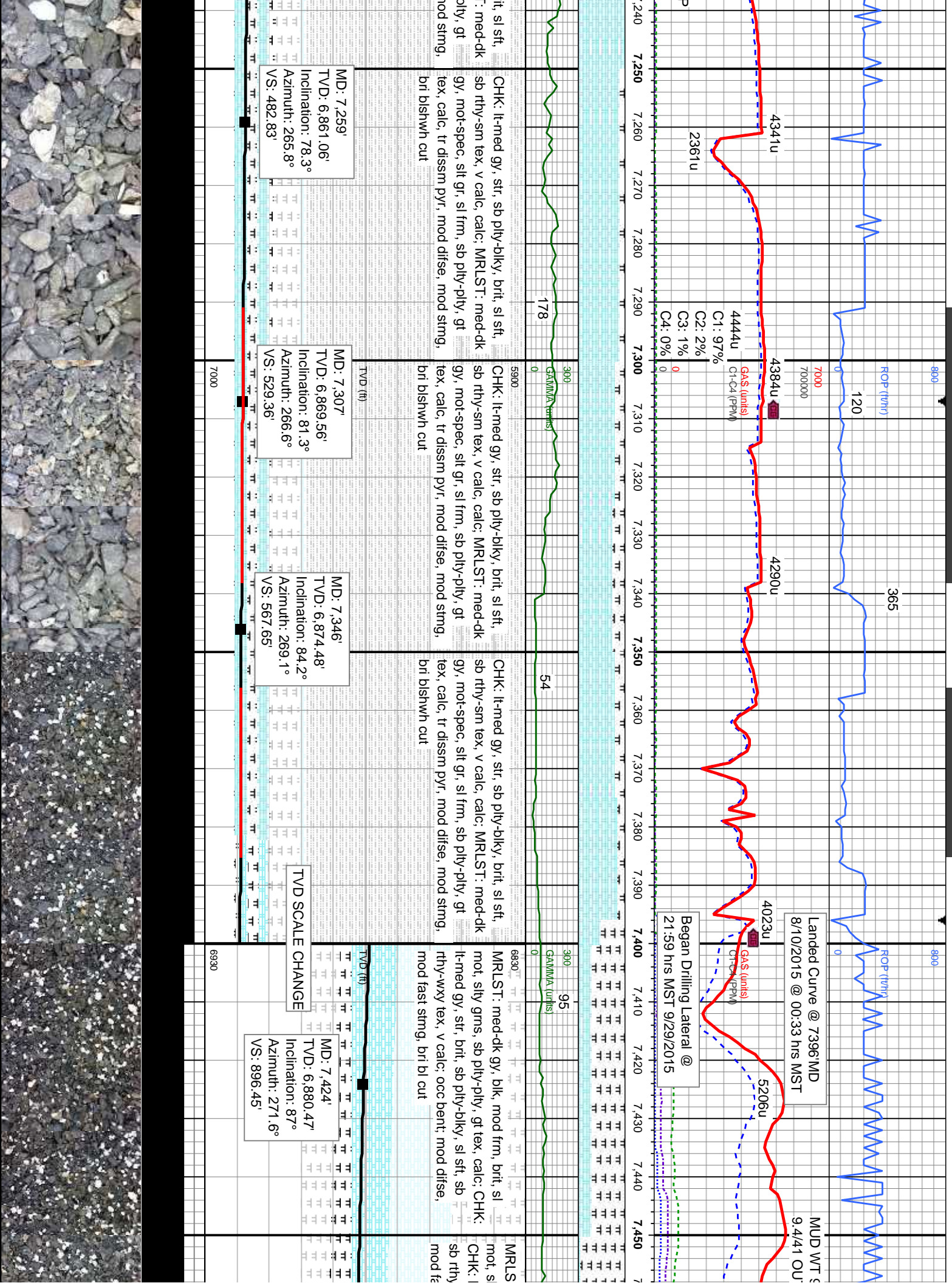
not ip, non calc, v
SLTY SH: med-dk gy, silt-mic gr, sl frm, sb pty-pty, rthy-sb rthy tex, mot ip, non calc, v
sl calc, mod difse, mod stmg, bri blshwh cut

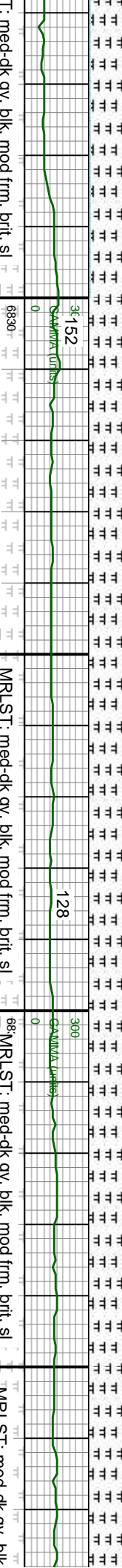
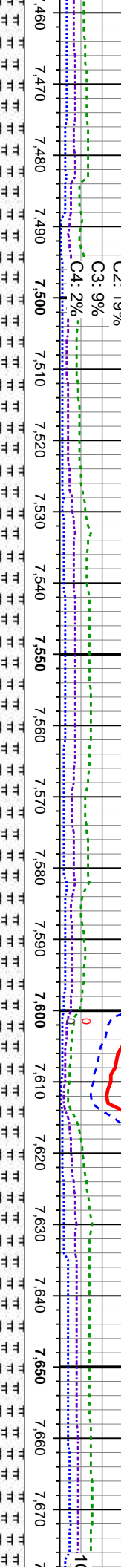
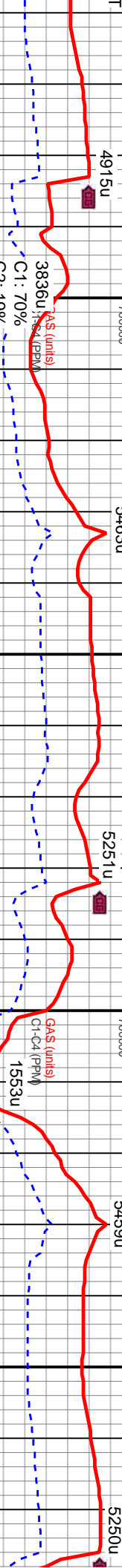
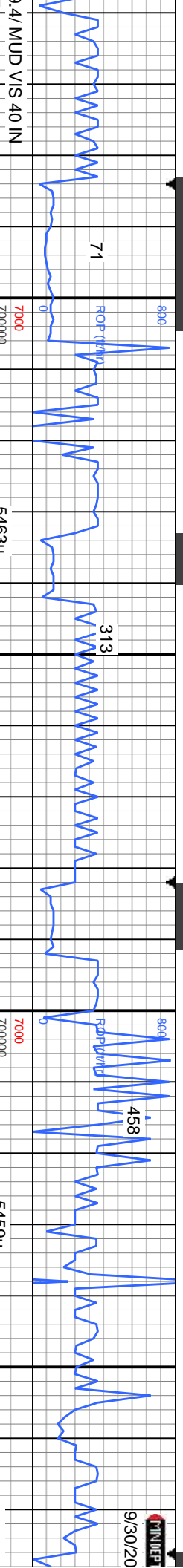
not ip, non calc, v
SLTY SH: med-dk gy, silt-mic gr, sl frm, sb pty-pty, rthy-sb rthy tex, mot ip, non calc, v
sl calc, mod difse, mod stmg, bri blshwh cut

not ip, non calc, v
SLTY SH: med-dk gy, silt-mic gr, sl frm, sb pty-pty, rthy-sb rthy tex, mot ip, non calc, v
sl calc, mod difse, mod stmg, bri blshwh cut









med-dk gy, blk, mod frm, brit, sl
sb ply-pty, gt tex, calc,
mot, silty grms, sb ply-pty, gt tex, calc, occ
bent, mod difse, mod fast stimg, bri bl cut

med-dk gy, blk, mod frm, brit, sl
sb ply-pty, gt tex, calc,
mot, silty grms, sb ply-pty, gt tex, calc, occ
bent, mod difse, mod fast stimg, bri bl cut

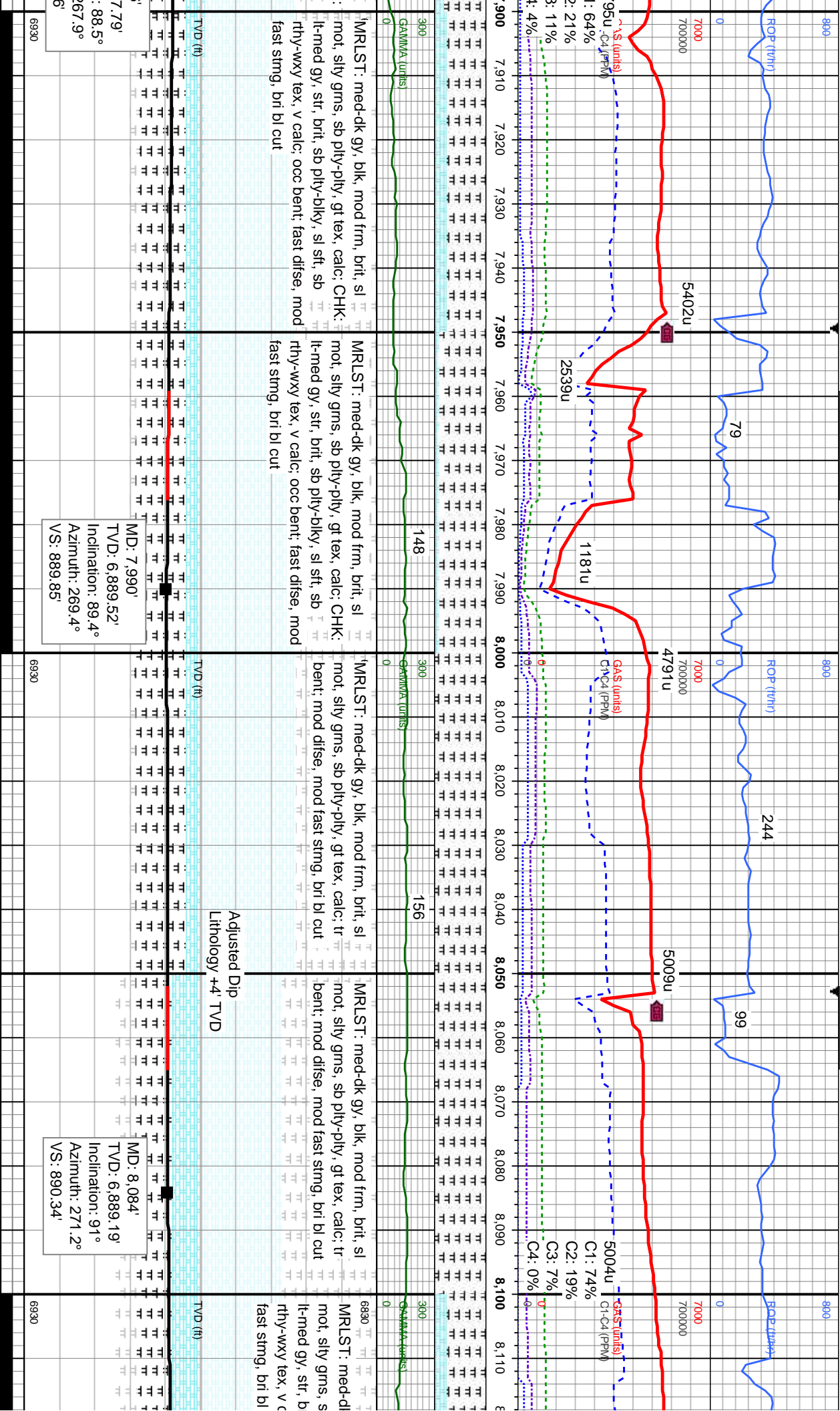
med-dk gy, blk, mod frm, brit, sl
sb ply-pty, gt tex, calc,
mot, silty grms, sb ply-pty, gt tex, calc, occ
bent, mod difse, mod fast stimg, bri bl cut

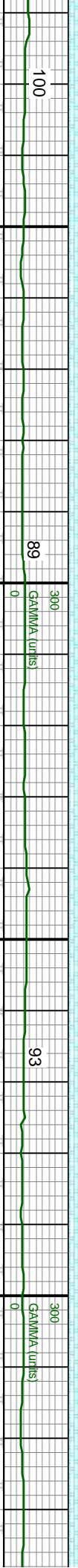
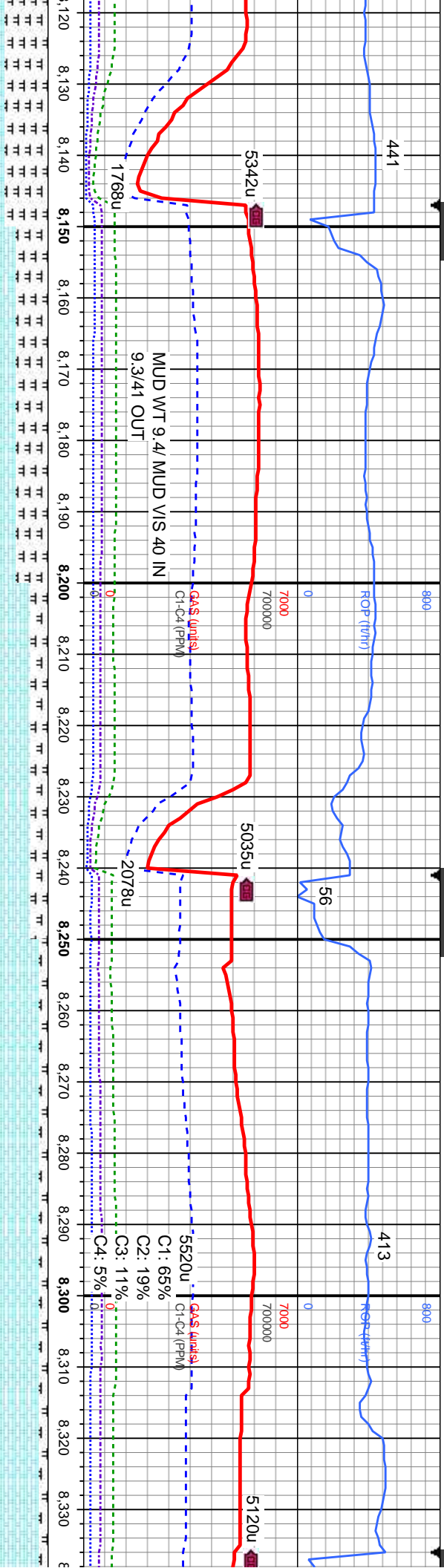
med-dk gy, blk, mod frm, brit, sl
sb ply-pty, gt tex, calc,
mot, silty grms, sb ply-pty, gt tex, calc, occ
bent, mod difse, mod fast stimg, bri bl cut

MD: 7,518'
TVD: 6,884.98'
Inclination: 87.5°
Azimuth: 269.1°
VS: 897.02

MD: 7,613'
TVD: 6,885.89'
Inclination: 91.4°
Azimuth: 270°
VS: 896.27

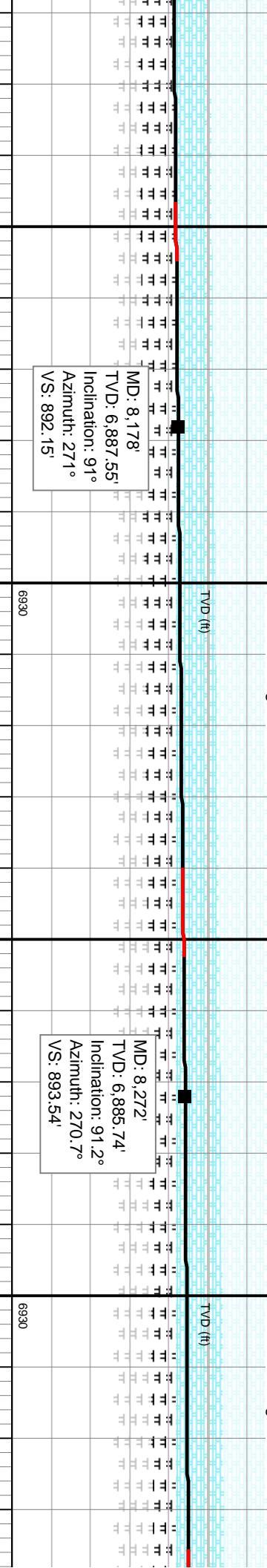


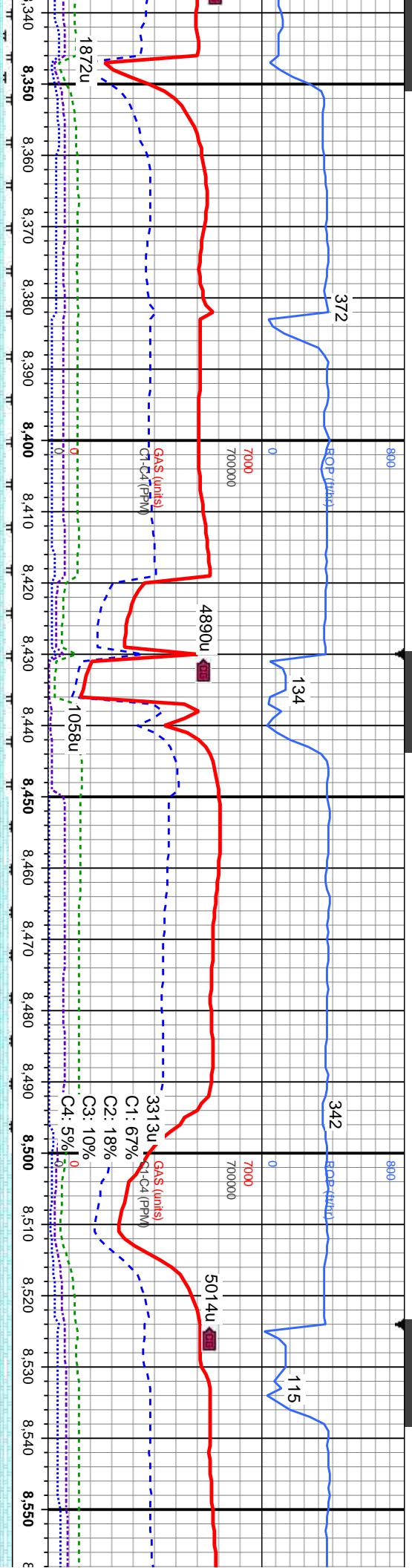


[illegible]

MD: 8,178'
TVD: 6,887.55'
Inclination: 91°
Azimuth: 271°
VS: 892.15'

MD: 8,272'
TVD: 6,885.74'
Inclination: 91.2°
Azimuth: 270.7°
VS: 893.54'





87	CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, tr fos frags: fast difse, mod fast stmg, bri bl cut	6830'	CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, tr fos frags: fast difse, mod fast stmg, bri bl cut	6830'	CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, tr fos frags: fast difse, mod fast stmg, bri bl cut	6830'	CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, tr fos frags: fast difse, mod fast stmg, bri bl cut	6830'	CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, tr fos frags: fast difse, mod fast stmg, bri bl cut	6830'
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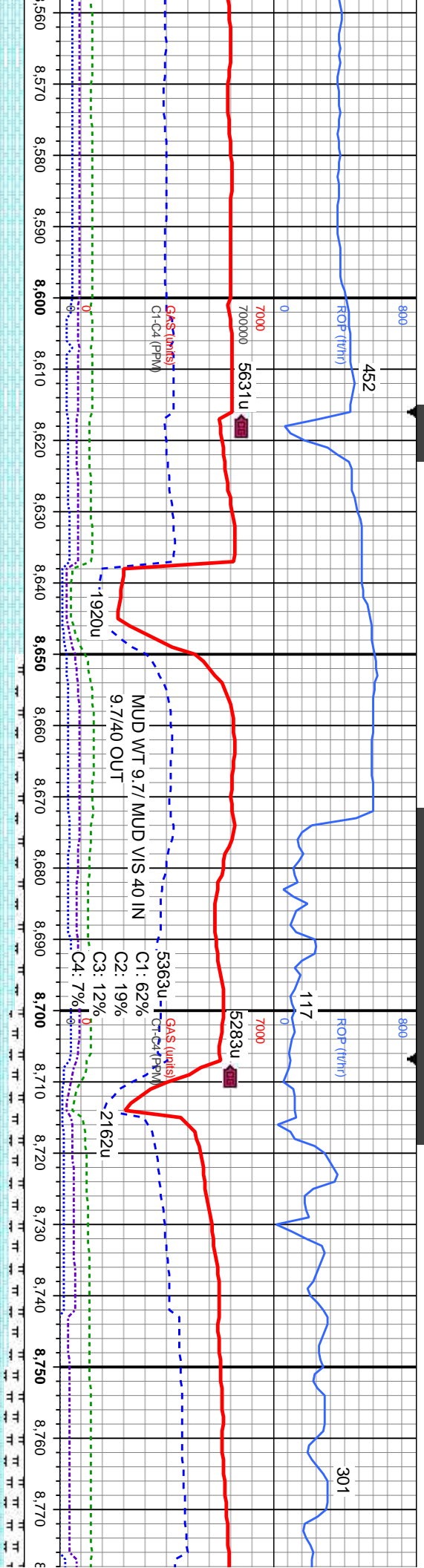
MD: 8,366'
TVD: 6,884.6'
Inclination: 90.2°
Azimuth: 270.1°
VS: 894.2'

MD: 8,460'
TVD: 6,865.01'
Inclination: 89.3°
Azimuth: 271°
VS: 895.1'

Adjusted Dip
Lithology +3' TVD

MD: 8,552'
TVD: 6,886.7'
Inclination: 88°
Azimuth: 269°
VS: 895.58'



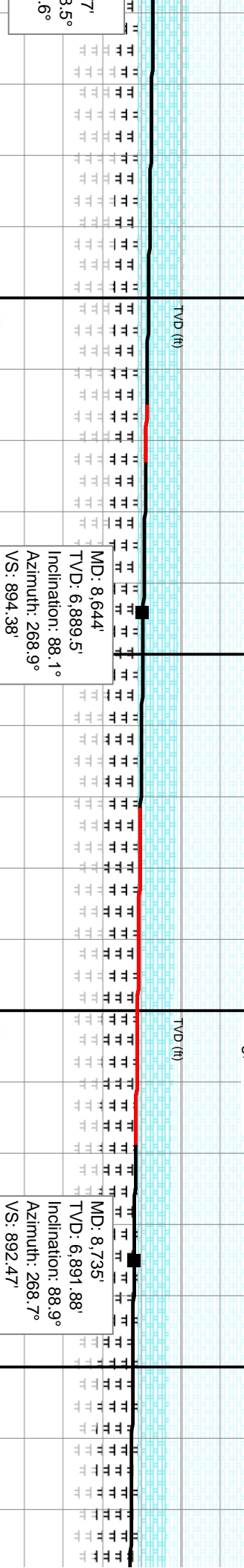


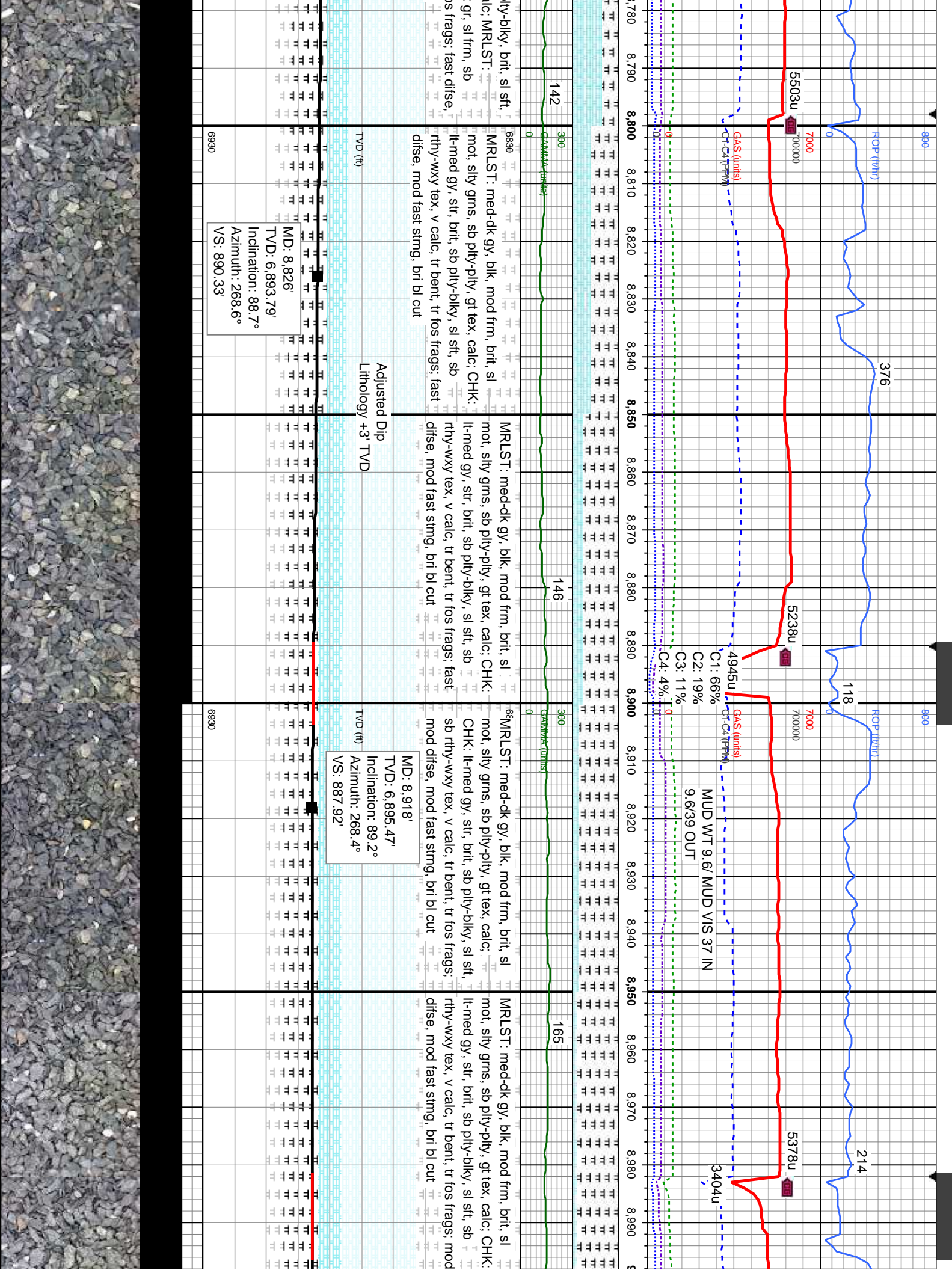
It-med gy, str, sb ply-dlky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, tr fos fast difse, mod fast string, bri bl cut

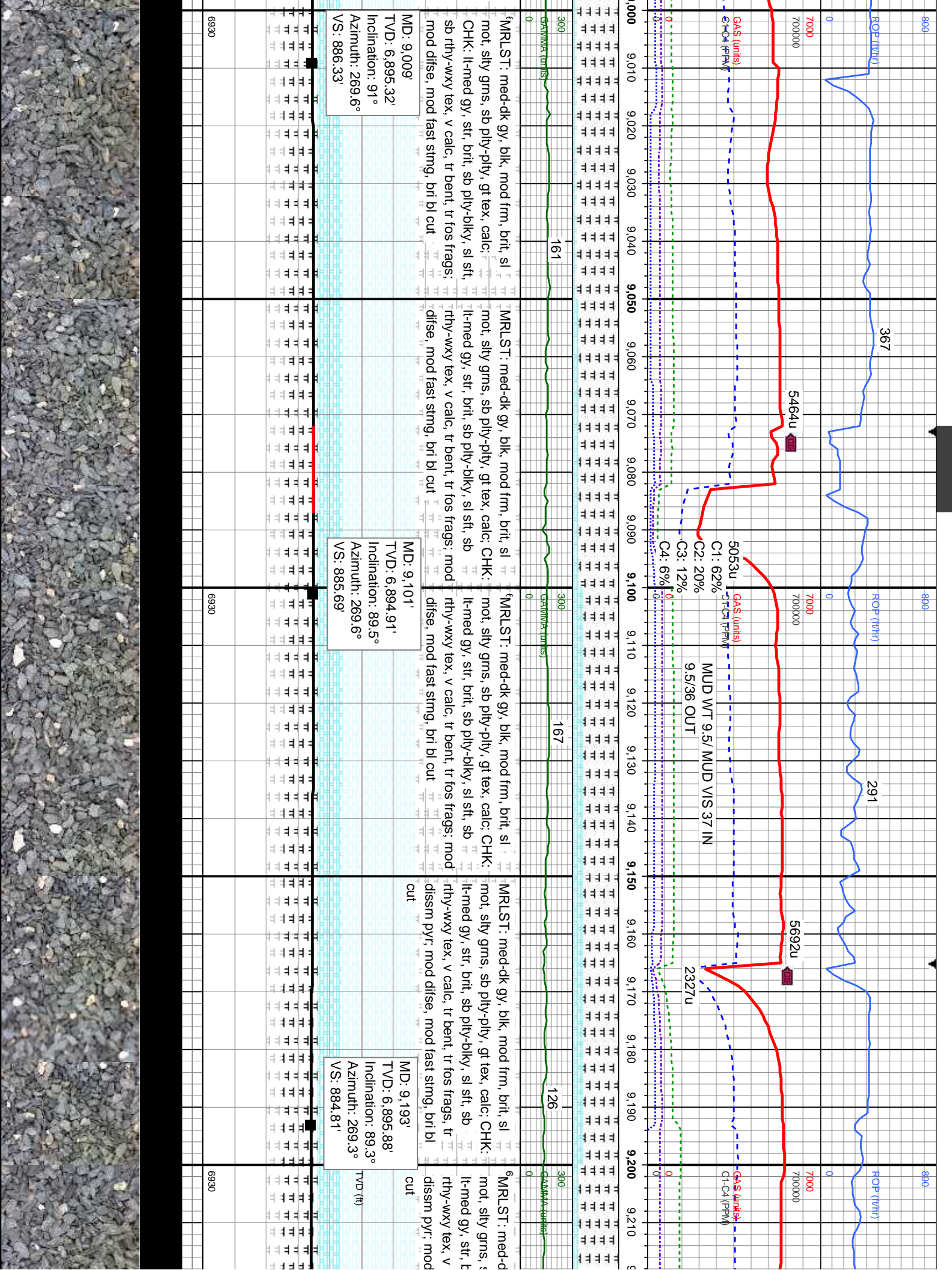
CHK: It-med gy, str, sb ply-dlky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, tr fos frags; fast difse, mod fast string, bri bl cut

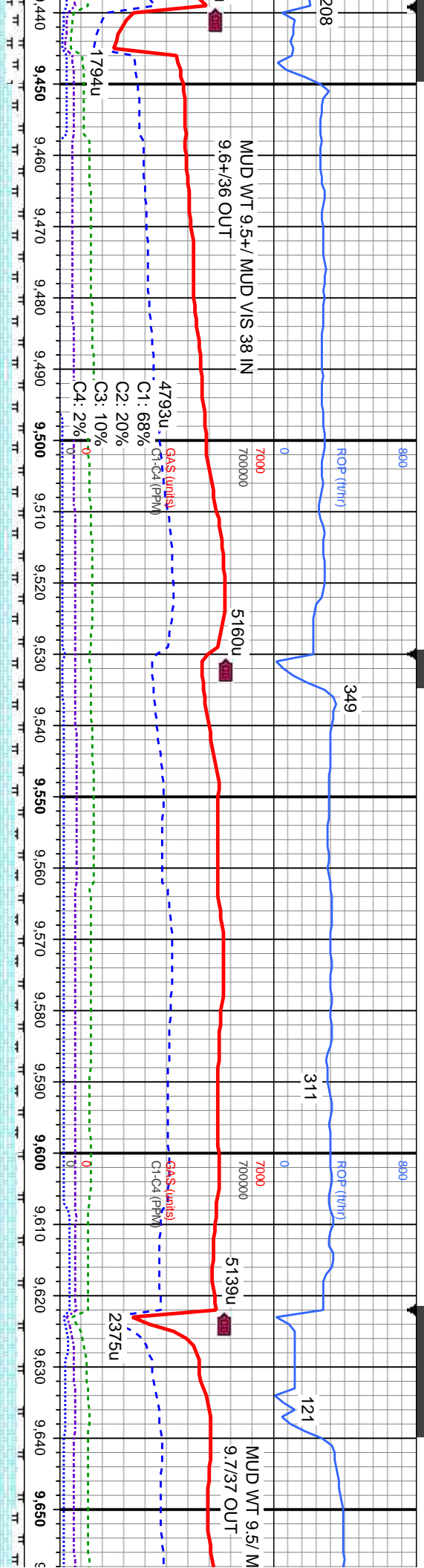
CHK: It-med gy, str, sb ply-dlky, brit, sl sft, sb rthy-sm tex, v calc, calc, MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, tr fos frags; fast difse, mod fast string, bri bl cut

CHK: It-med gy, str, sb ply-dlky, brit, sl sft, sb rthy-sm tex, v calc, calc, MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, tr fos frags; fast difse, mod fast string, bri bl cut



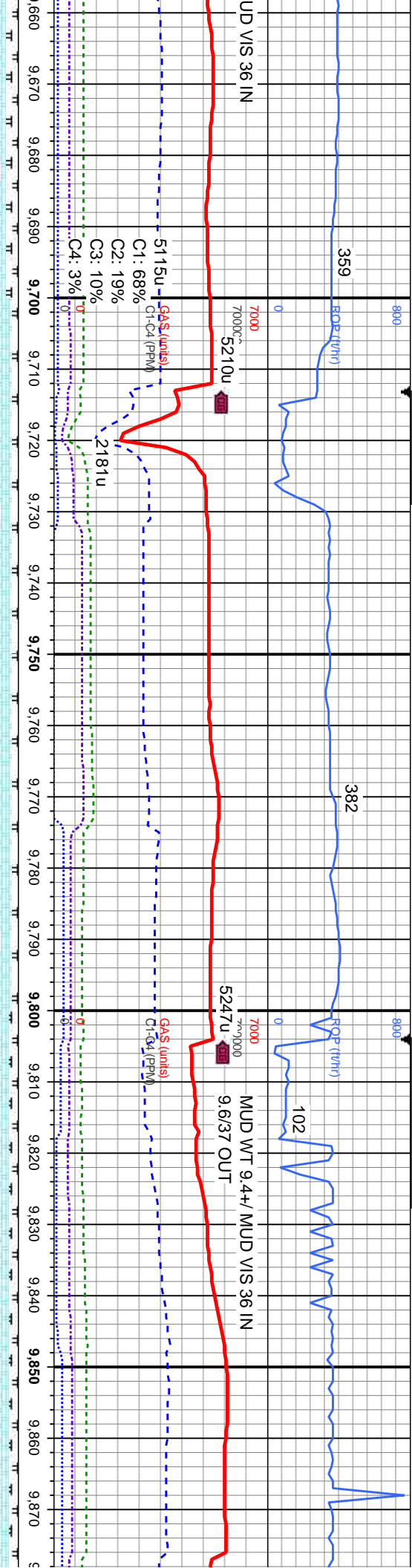






82	300	GAUSS (units)	0	80	300	GAUSS (units)	0	68	300	GAUSS (units)	0
CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, rr fos frags, rr bent; fast difse, mod fast stmg, bri bl cut	MD: 9,468' TVD: 6,894.19' Inclination: 89.8° Azimuth: 269.6° VS: 884.57'	TVD (ft)	6930	CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, rr fos frags, rr bent; fast difse, mod fast stmg, bri bl cut	MD: 9,558' TVD: 6,895.68' Inclination: 88.3° Azimuth: 269.1° VS: 883.55'	Adjusted Dip Lithology +3' TVD	6930	CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, rr fos frags, rr bent; fast difse, mod fast stmg, bri bl cut	MD: 9,650' TVD: 6,897.85' Inclination: 89° Azimuth: 268.7° VS: 881.78'	Adjusted Dip Lithology +3' TVD	6930



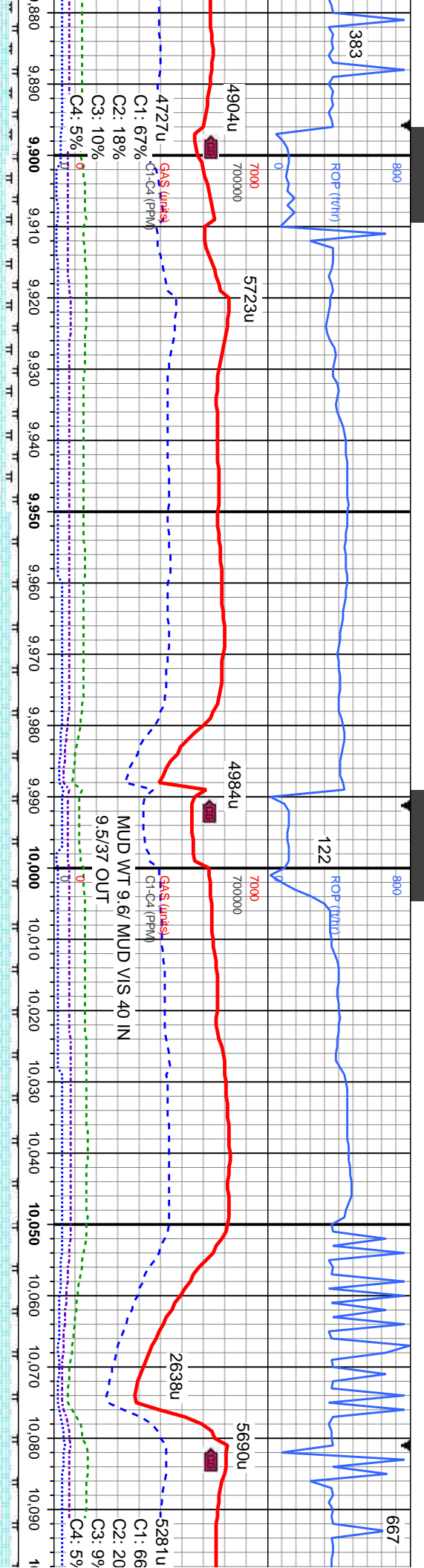


It-med gy, str, sb ply-bkly, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, rr fos frags, fast difse, mod fast stmg, bri bl cut	58	300	GA/MMA (units)	88	300	GA/MMA (units)	80	300	GA/MMA (units)	CHK: It-med gy, str, sb ply-bkly, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, rr fos frags, fast difse, mod fast stmg, bri bl cut
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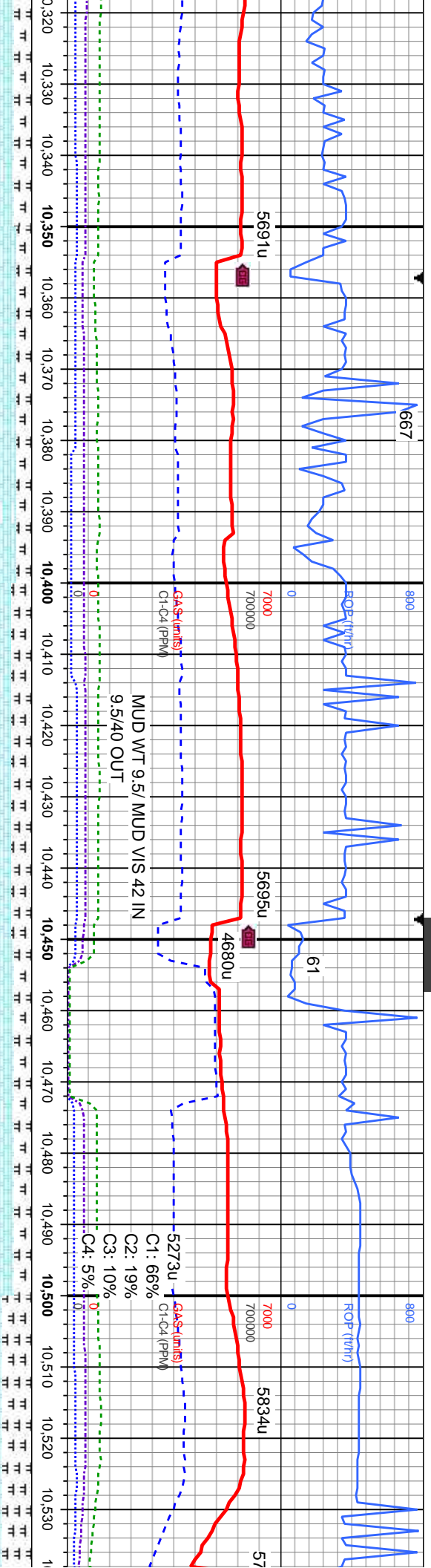
MD: 9,742'
TVD: 6,897.45'
Inclination: 91.5°
Azimuth: 269.6°
VS: 880.42'

MD: 9,834'
TVD: 6,896.81'
Inclination: 89.3°
Azimuth: 268.7°
VS: 879.05'



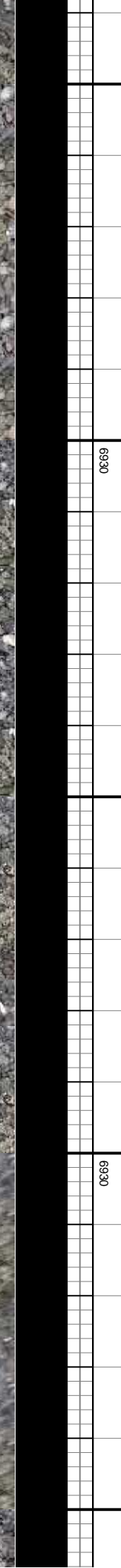
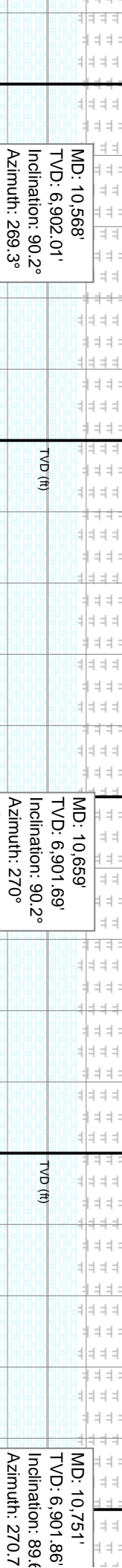
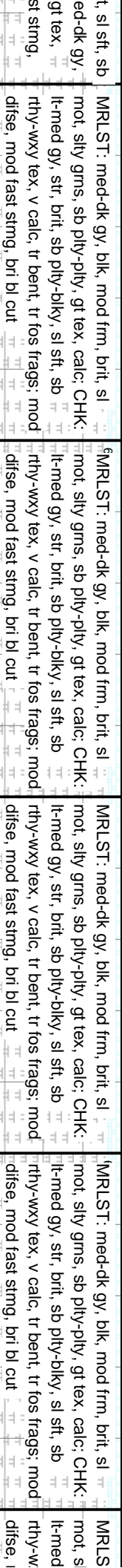
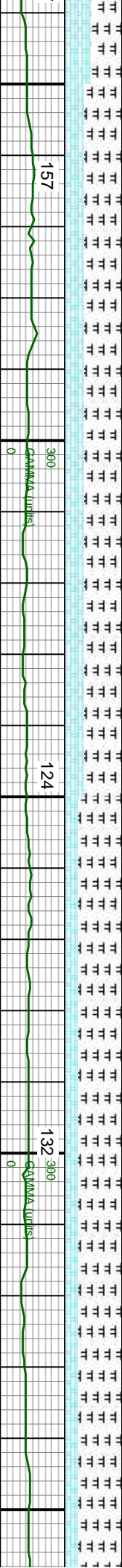
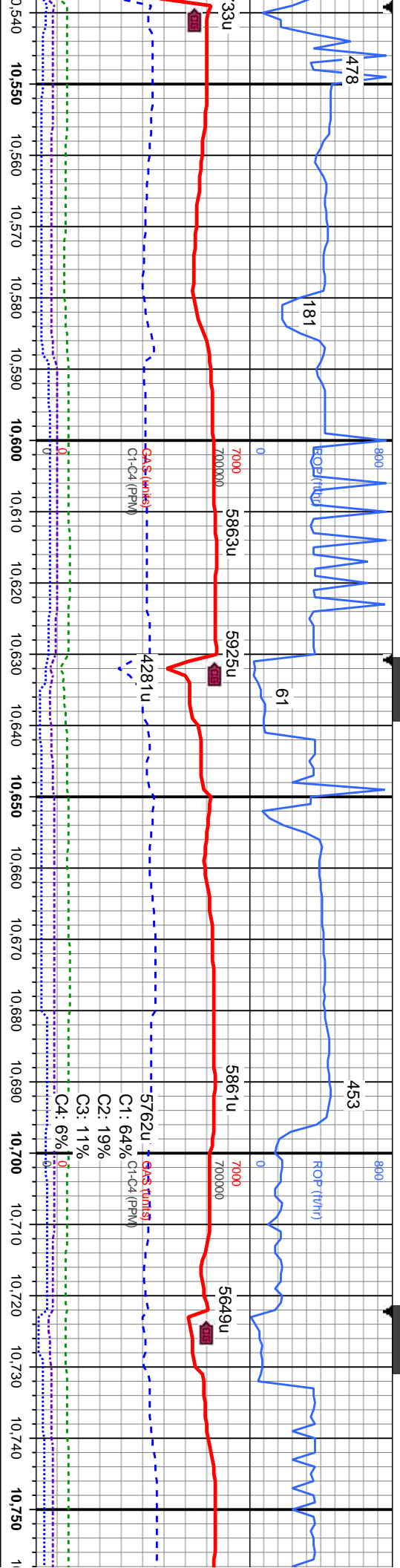


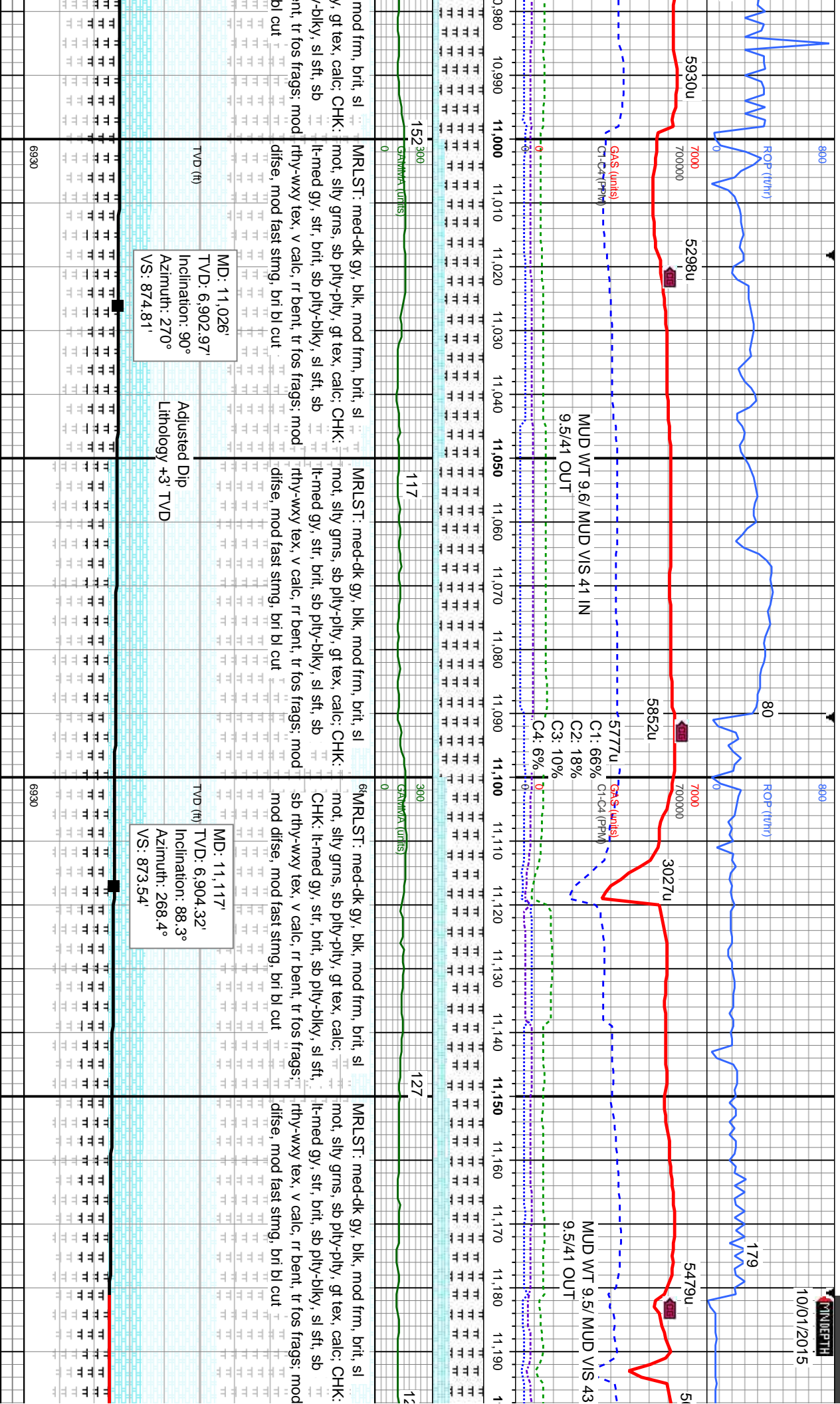
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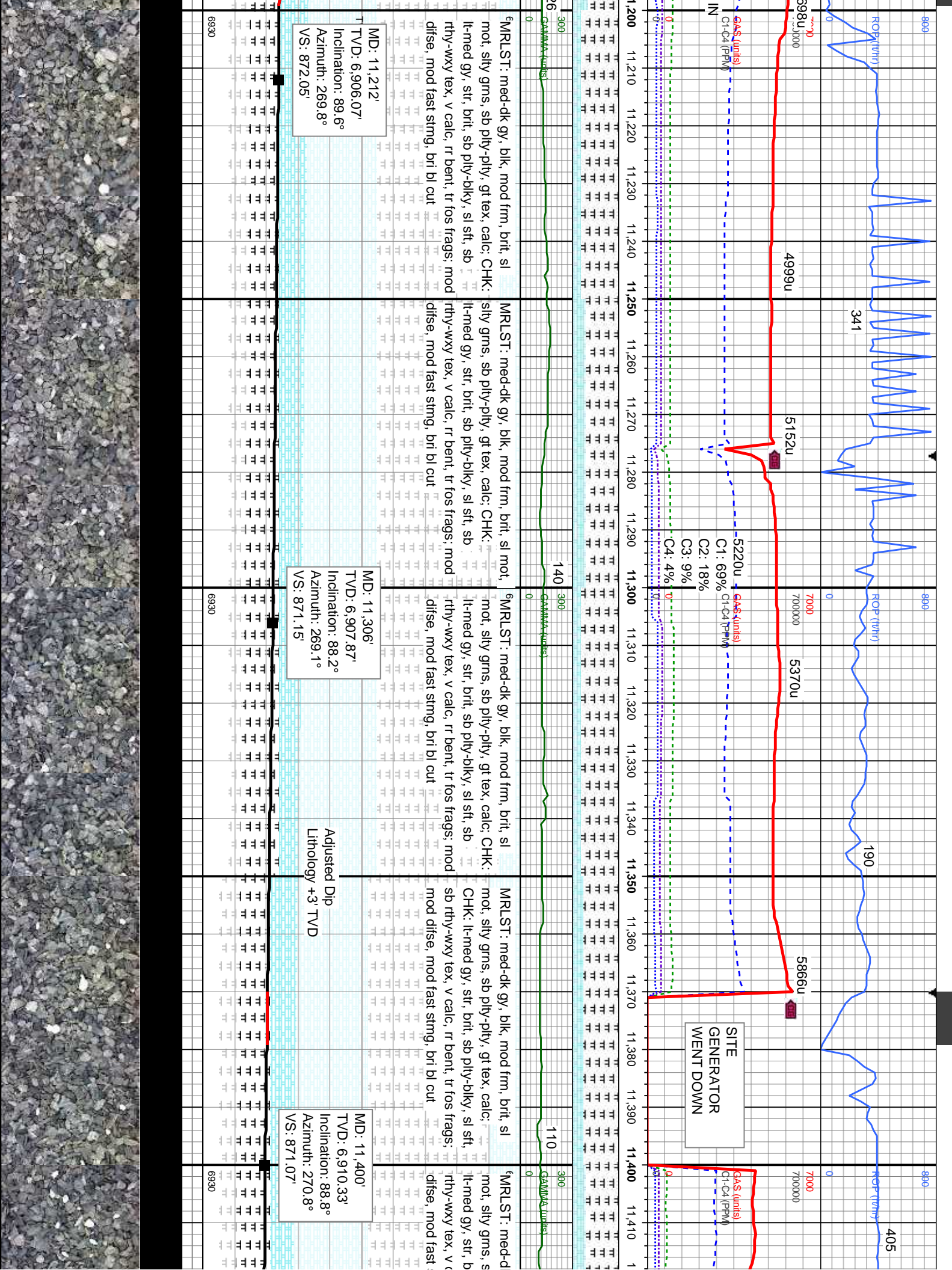


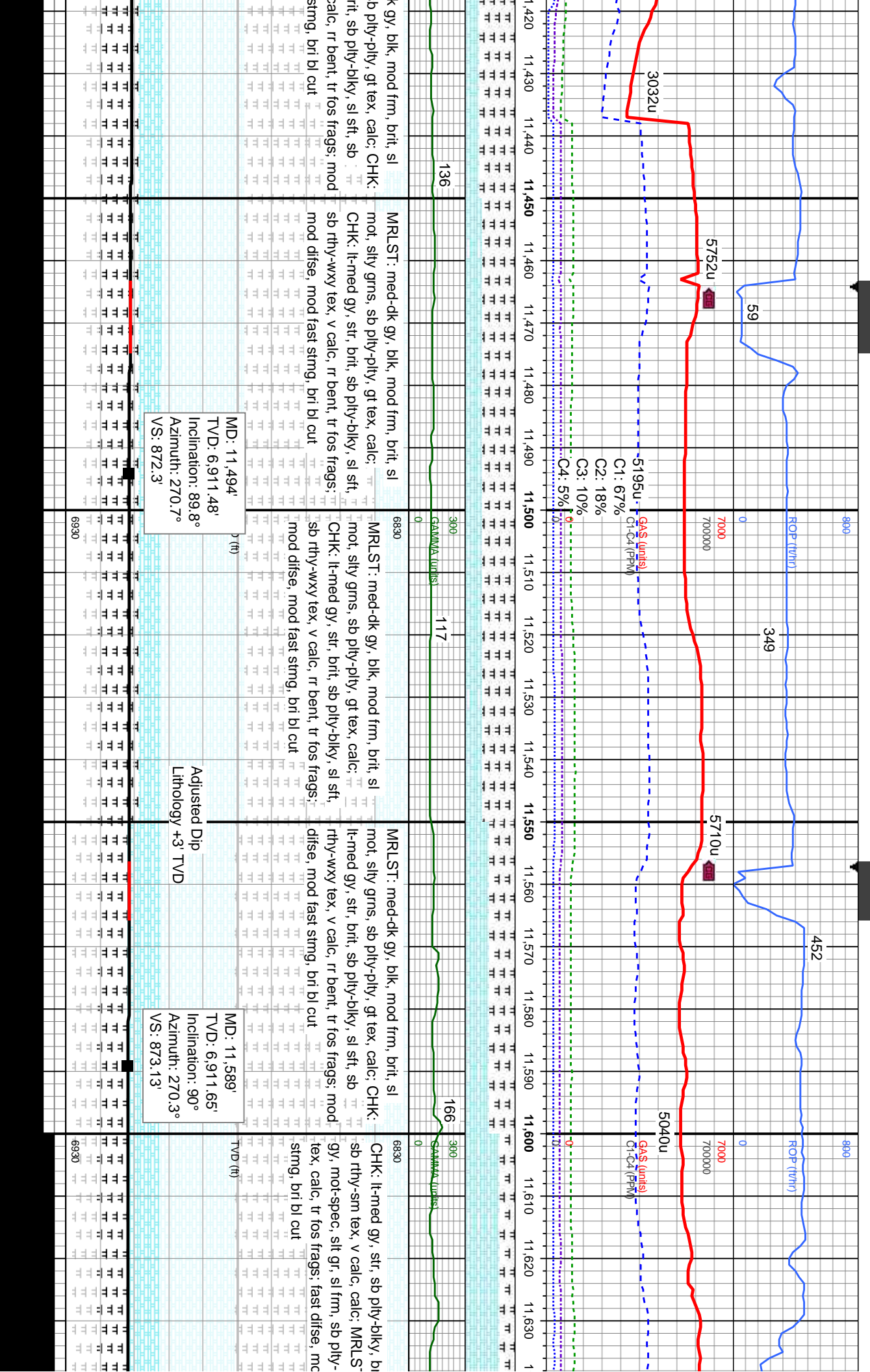
str, sb ply-dlky, brit, sl sft, v calc, calc; MRLST: med-dk t gr, sl frm, sb ply-pty, gt frags; fast difse, mod fast		90	683	CHK: lt-med gy, str, sb ply-dlky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, tr fos frags; fast difse, mod fast string, brit bl cut		91	CHK: lt-med gy, str, sb ply-dlky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, tr fos frags; fast difse, mod fast string, brit bl cut		MD: 10.384 TVD: 6,902.33 Inclination: 90° Azimuth: 268.2° VS: 874.49	TVD (ft)	6930	CHK: lt-med gy, str, sb ply-dlky, brit, sl sft, rthy-sm tex, v calc, calc; MRLST: med-dk mot-spec, slt gr, sl frm, sb ply-pty, gt calc, tr fos frags; mod difse, mod fa brit bl cut		MD: 10.476 TVD: 6,902.25 Inclination: 90.1° Azimuth: 270.5° VS: 873.45	TVD (ft)	6930
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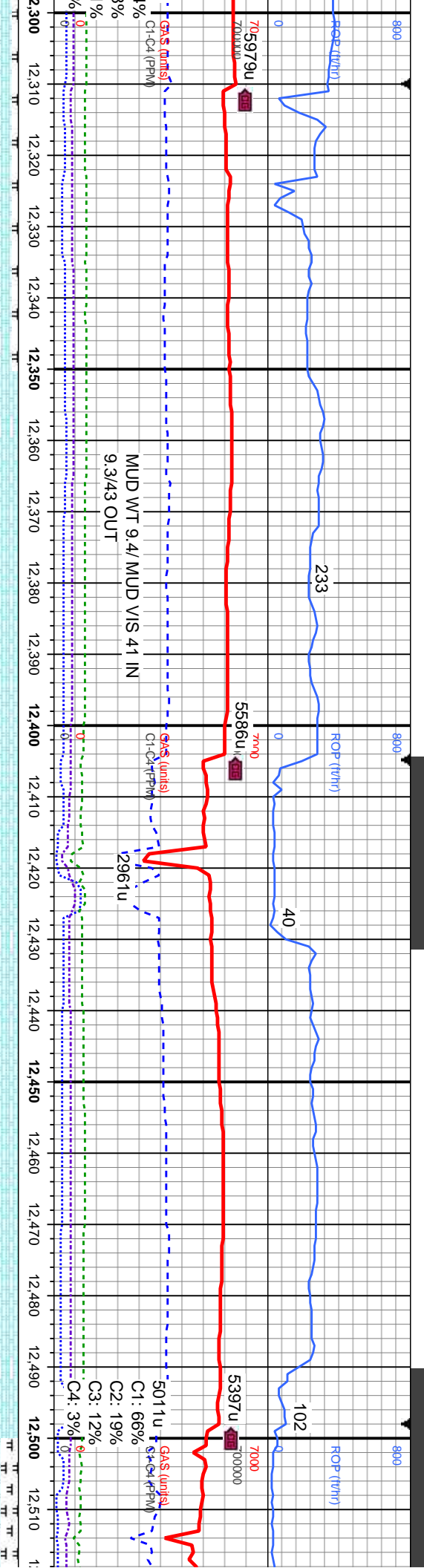






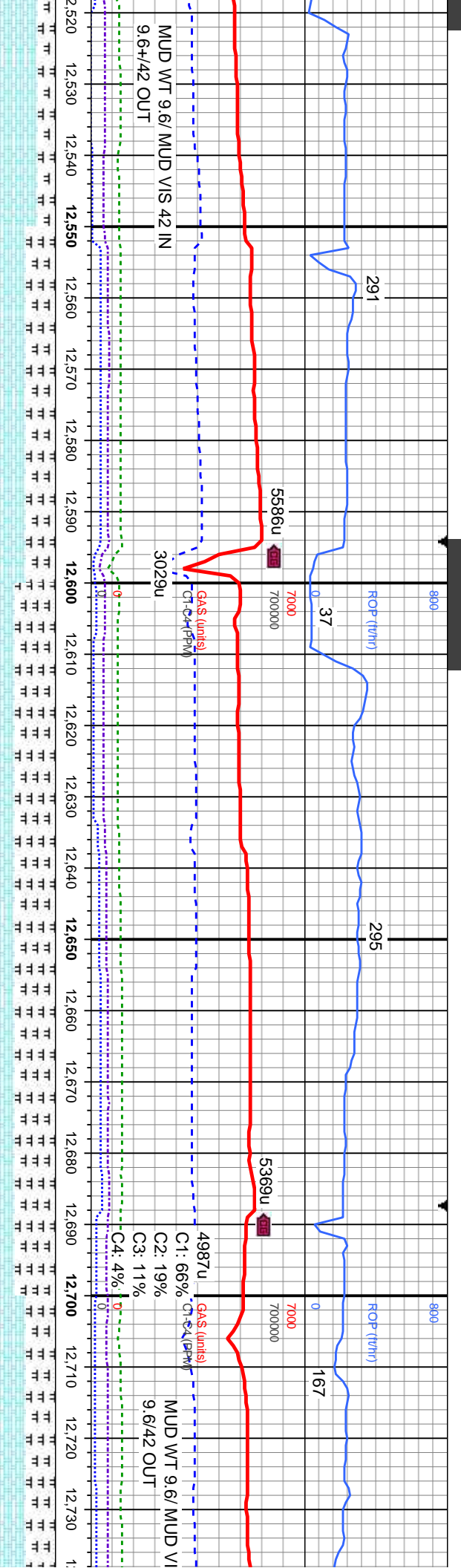






6830	300	109	82	6840	300	113	165	6840	300
CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb pty-pty, gt tex, calc, rr fos frags, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut	CHK: It-med gy, str, sb pty-biky, brit, sl sft, sb rthy-sm tex, v calc, calc, tr MRLST, rr fos frags, tr bent, fast difse, mod fast stmg, bri bl cut
TVD (ft)	TVD (ft)	TVD (ft)	TVD (ft)	TVD (ft)	TVD (ft)	TVD (ft)	TVD (ft)	TVD (ft)	TVD (ft)
MD: 12,342'	MD: 12,437'	MD: 12,437'	MD: 12,437'	MD: 12,437'	MD: 12,437'	MD: 12,437'	MD: 12,437'	MD: 12,437'	MD: 12,437'
TVD: 6,915.82'	TVD: 6,920.21'	TVD: 6,920.21'	TVD: 6,920.21'	TVD: 6,920.21'	TVD: 6,920.21'	TVD: 6,920.21'	TVD: 6,920.21'	TVD: 6,920.21'	TVD: 6,920.21'
Inclination: 86.9°	Inclination: 87.8°	Inclination: 87.8°	Inclination: 87.8°	Inclination: 87.8°	Inclination: 87.8°	Inclination: 87.8°	Inclination: 87.8°	Inclination: 87.8°	Inclination: 87.8°
Azimuth: 269.4°	Azimuth: 271.4°	Azimuth: 271.4°	Azimuth: 271.4°	Azimuth: 271.4°	Azimuth: 271.4°	Azimuth: 271.4°	Azimuth: 271.4°	Azimuth: 271.4°	Azimuth: 271.4°
VS: 865.48'	VS: 866.14'	VS: 866.14'	VS: 866.14'	VS: 866.14'	VS: 866.14'	VS: 866.14'	VS: 866.14'	VS: 866.14'	VS: 866.14'
6930	6940	6940	6940	6940	6940	6940	6940	6940	6940





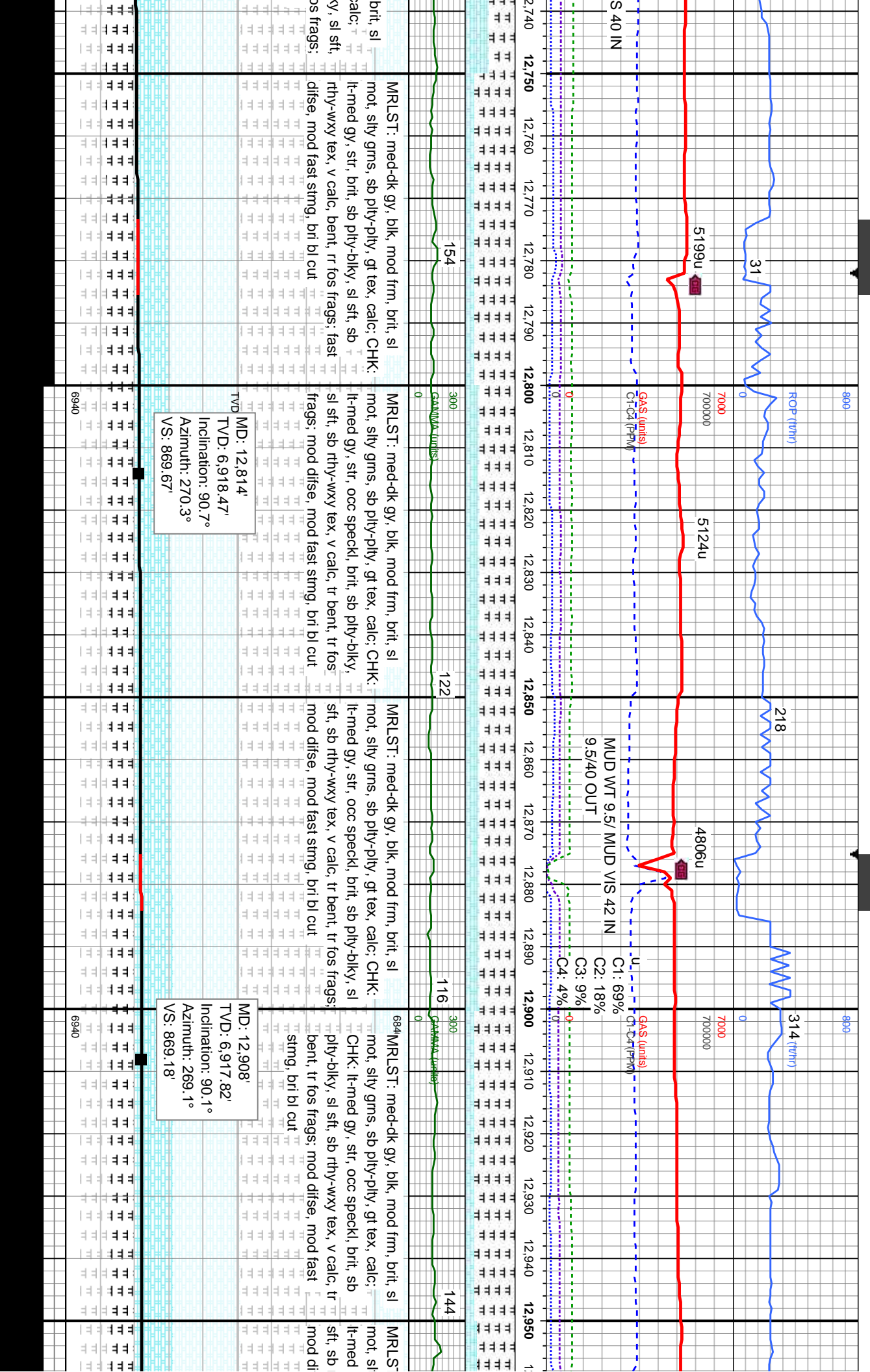
MD: 12,531'
TVD: 6,922.18'
Inclination: 89.8°
Azimuth: 270.7°
VS: 867.86'

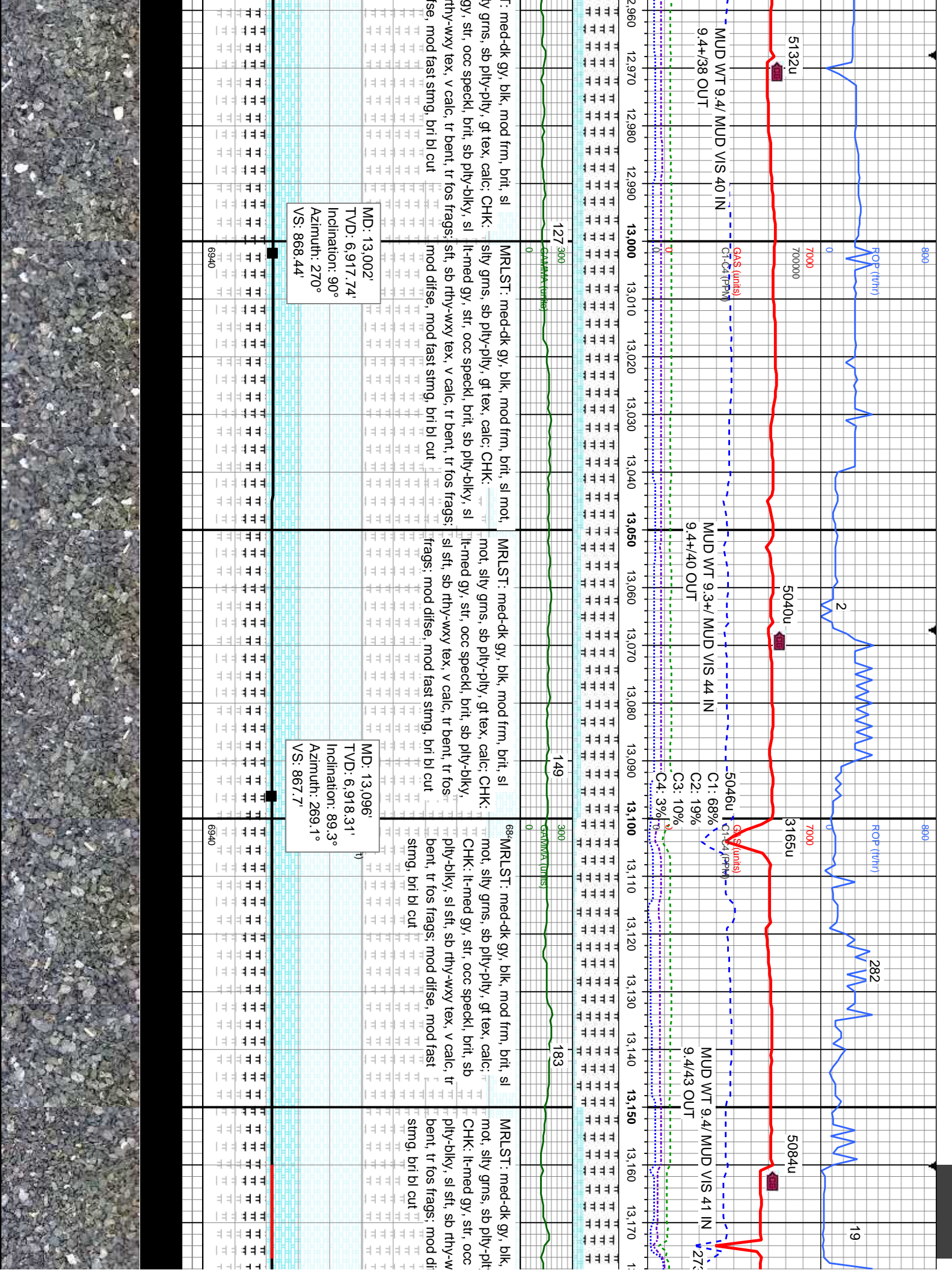
MD: 12,625'
TVD: 6,921.36'
Inclination: 91.2°
Azimuth: 270.5°
VS: 868.85'

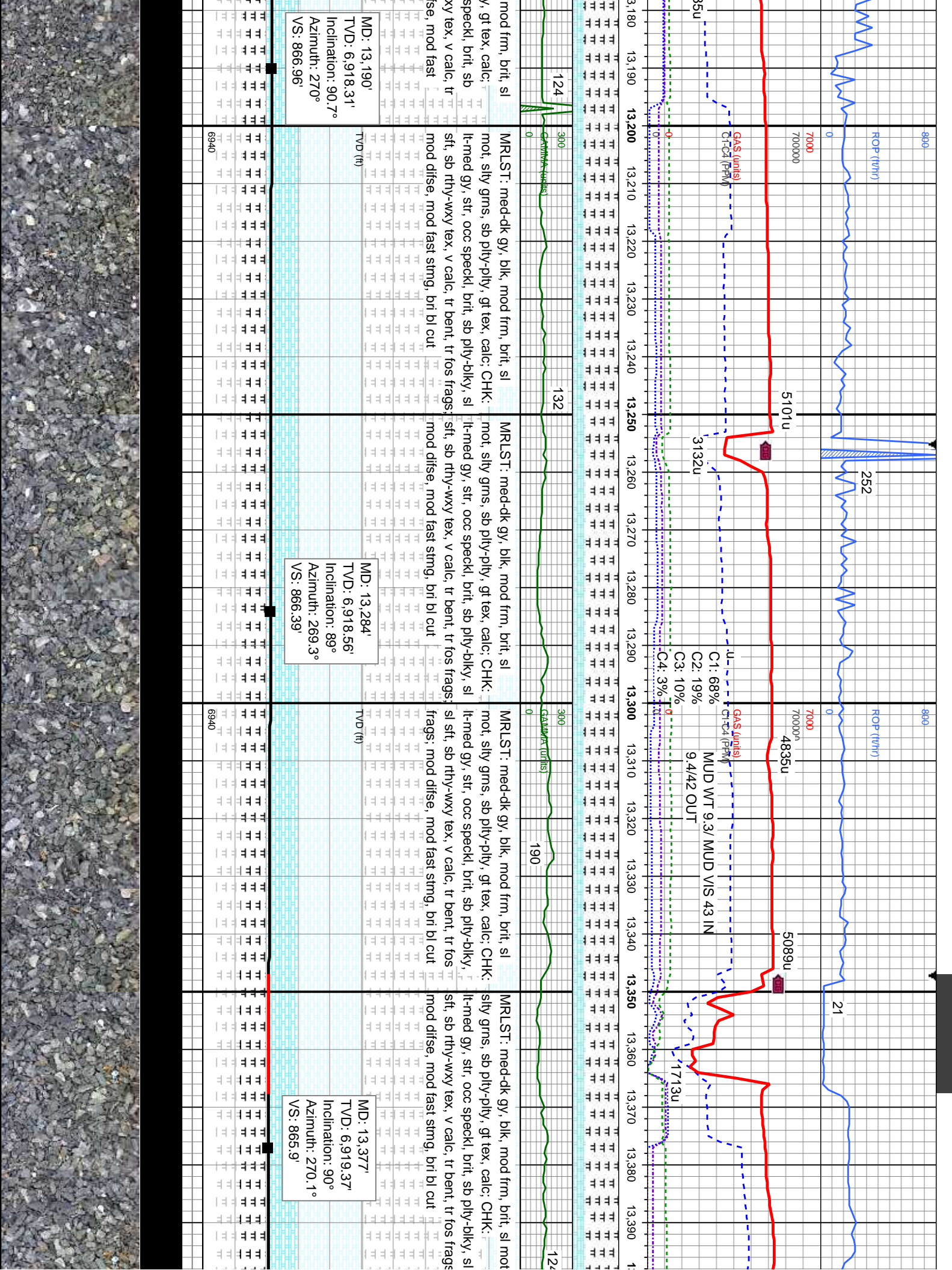
MD: 12,719'
TVD: 6,919.72'
Inclination: 90.8°
Azimuth: 270.1°
VS: 869.34'

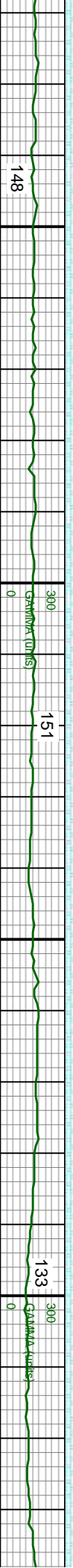
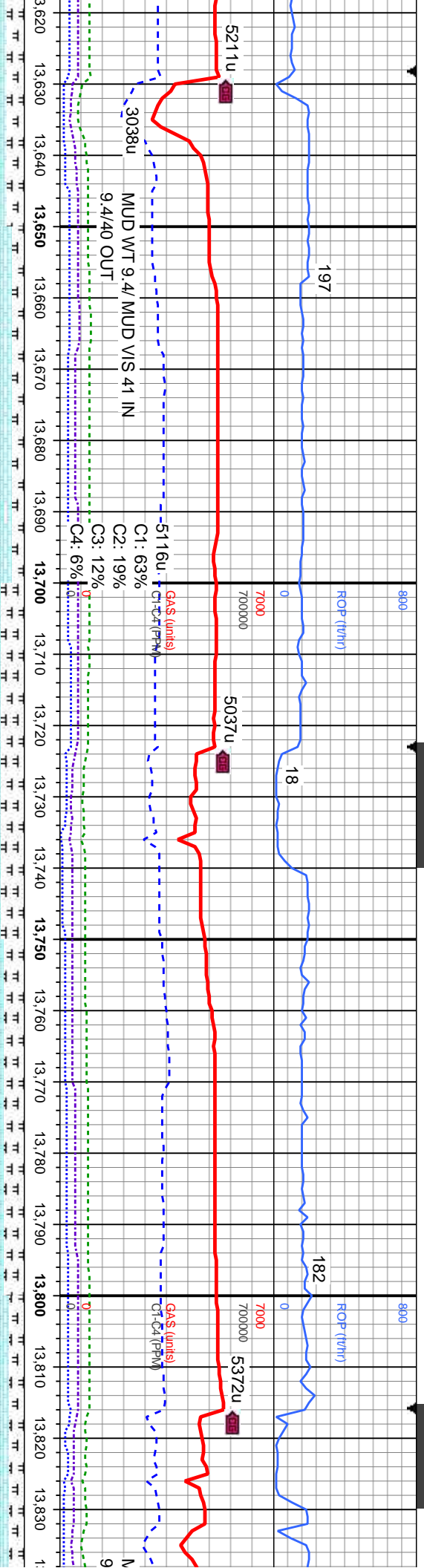
str: sb pty-blky, brit, sl sft, calc, calc; MRLST: med-dk gy, sl frm, sb pty-pty, gt tex, tr bent: mod difse, mod fast		CHK: lt-med gy, str, sb pty-blky, brit, sl sft, gy, mot-spec, slt gr, sl frm, sb pty-pty, gt tex, calc, rr fos frags, tr bent: mod difse, mod fast stmg, bri bl cut	MRLST: med-dk gy, blk, mod frm, brit, sl mot, slty grms, sb pty-pty, gt tex, calc; CHK: lt-med gy, str, brit, sb pty-blky, sl sft, sb rthy-wxy tex, v calc, rr bent, tr fos frags: mod difse, mod fast stmg, bri bl cut	MRLST: med-dk gy, blk, mod frm, brit, sl mot, slty grms, sb pty-pty, gt tex, calc; CHK: lt-med gy, str, brit, sb pty-blky, sl sft, sb rthy-wxy tex, v calc, rr bent, tr fos frags: mod difse, mod fast stmg, bri bl cut	MRLST: med-dk gy, blk, mod frm, brit, sl mot, slty grms, sb pty-pty, gt tex, calc; CHK: lt-med gy, str, brit, sb pty-blky, sl sft, sb rthy-wxy tex, v calc, rr bent, tr fos frags: mod difse, mod fast stmg, bri bl cut
TVD (ft)		6840	6840	6840	6840
VS		867.86	868.85	869.34	869.34











str, sb pty-blky, brit, sl sft, calc, calc; MRLST: med-dk gy, sl frm, sb pty-pty, gt tex, tr bent; fast difse, mod fast

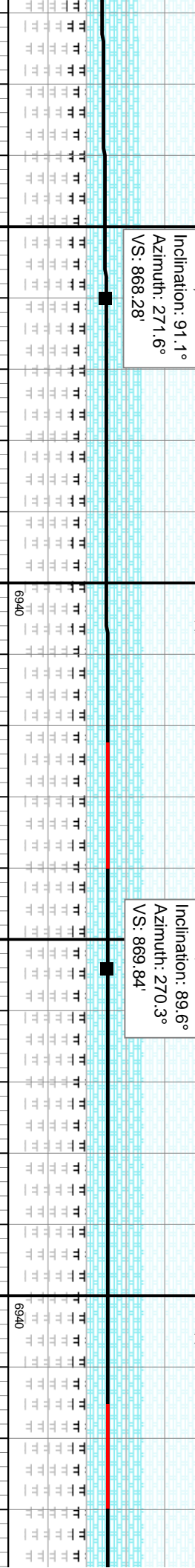
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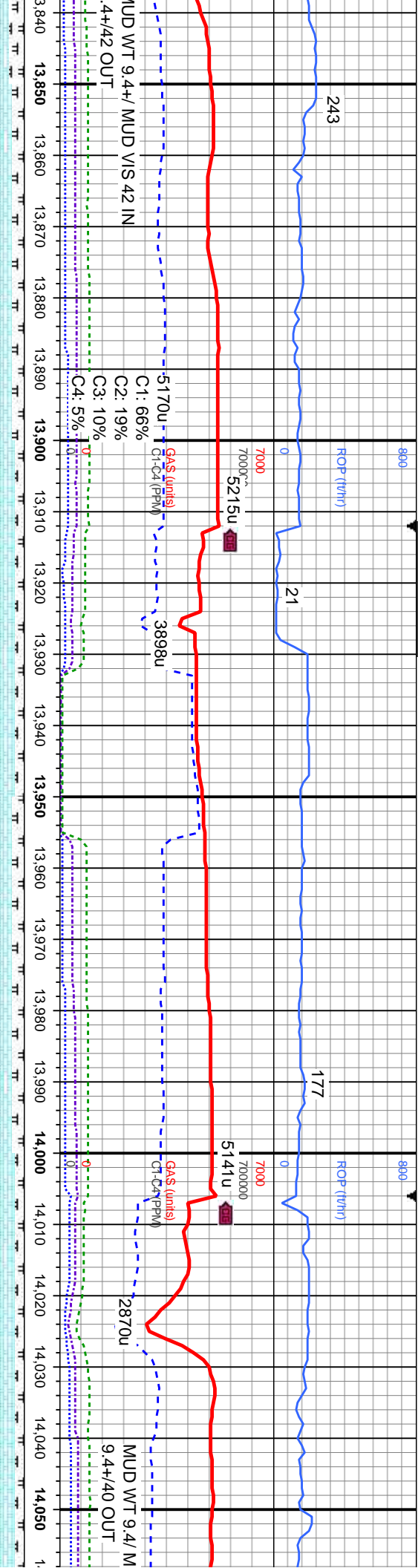
MD: 13.660'
TVD: 6,915.01'
Inclination: 91.1°
Azimuth: 271.6°
VS: 868.28'

CHK: lt-med gy, str, sb pty-blky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb pty-pty, gt tex, calc, rr fos frags, tr bent; fast difse, mod fast stmg, bri bl cut

MD: 13.754'
TVD: 6,914.44'
Inclination: 89.6°
Azimuth: 270.3°
VS: 869.84'

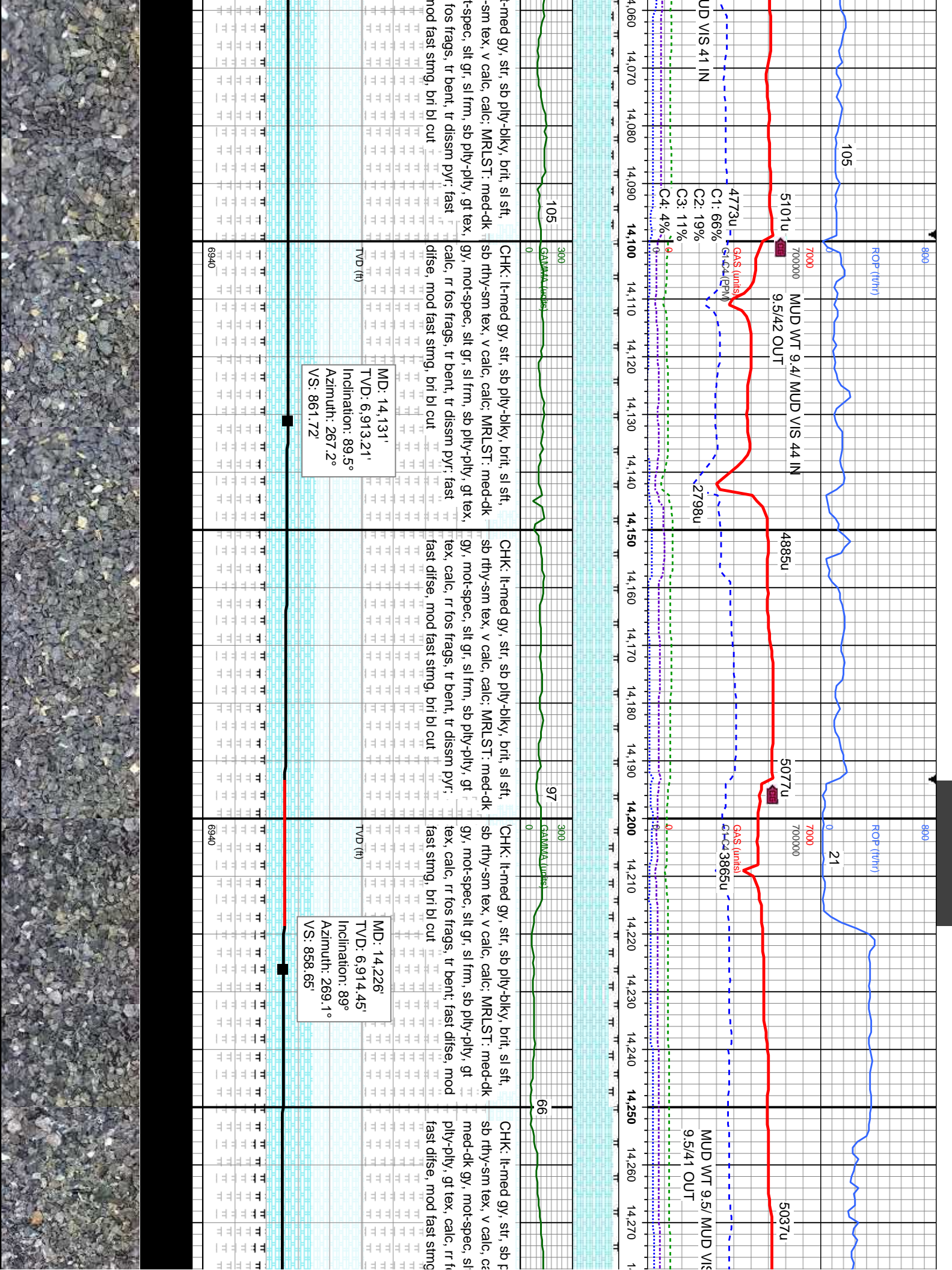
CHK: lt-med gy, str, sb pty-blky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb pty-pty, gt tex, calc, rr fos frags, tr bent; fast difse, mod fast stmg, bri bl cut

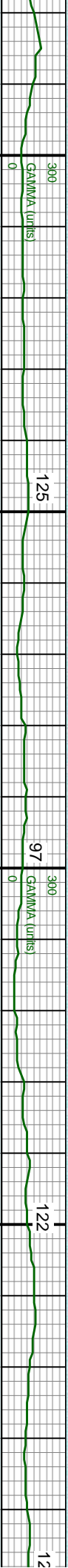
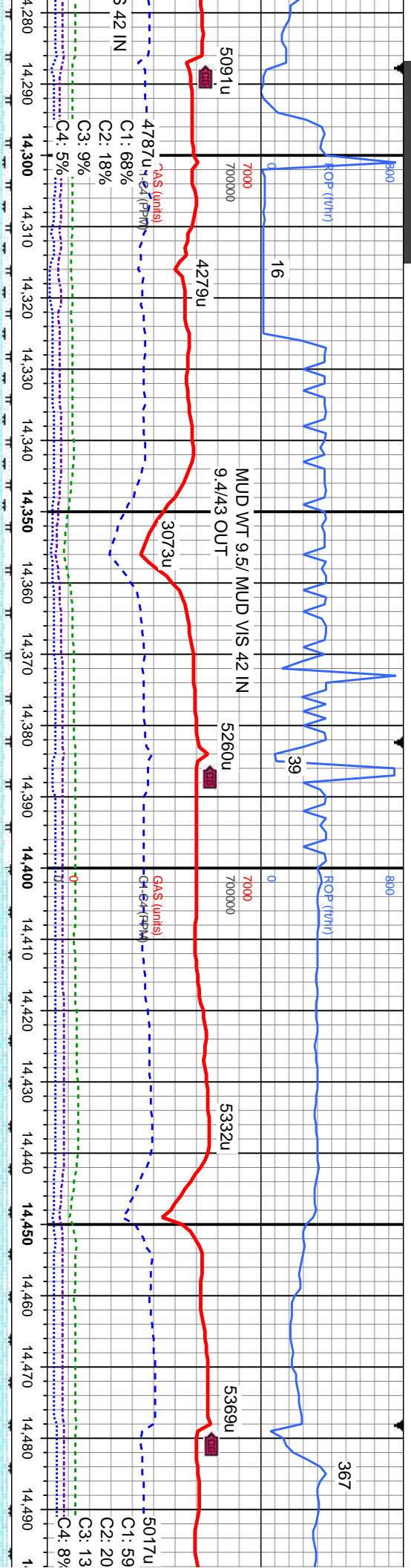




113	6840	129	119
CHK: lt-med gy, str, sb ply-blky, brit, sl sft, sb rthy-sm tex, v calc, calc: MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, r fos frags, tr bent, tr dissim pyr, fast difse, mod fast stmg, bri bl cut	CHK: lt-med gy, str, sb ply-blky, brit, sl sft, sb rthy-sm tex, v calc, calc: MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, r fos frags, tr bent, tr dissim pyr, fast difse, mod fast stmg, bri bl cut	CHK: lt-med gy, str, sb ply-blky, brit, sl sft, sb rthy-sm tex, v calc, calc: MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, r fos frags, tr bent, tr dissim pyr, fast difse, mod fast stmg, bri bl cut	CHK: lt-med gy, str, sb ply-blky, brit, sl sft, sb rthy-sm tex, v calc, calc: MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-pty, gt tex, calc, r fos frags, tr bent, tr dissim pyr, fast difse, mod fast stmg, bri bl cut
MD: 13.849' TVD: 6.914.36' Inclination: 90.5° Azimuth: 270° VS: 870.09'	MD: 13.943' TVD: 6.913.54' Inclination: 90.5° Azimuth: 268.4° VS: 868.77'	MD: 14.037' TVD: 6.912.96' Inclination: 90.2° Azimuth: 267.9° VS: 865.74'	

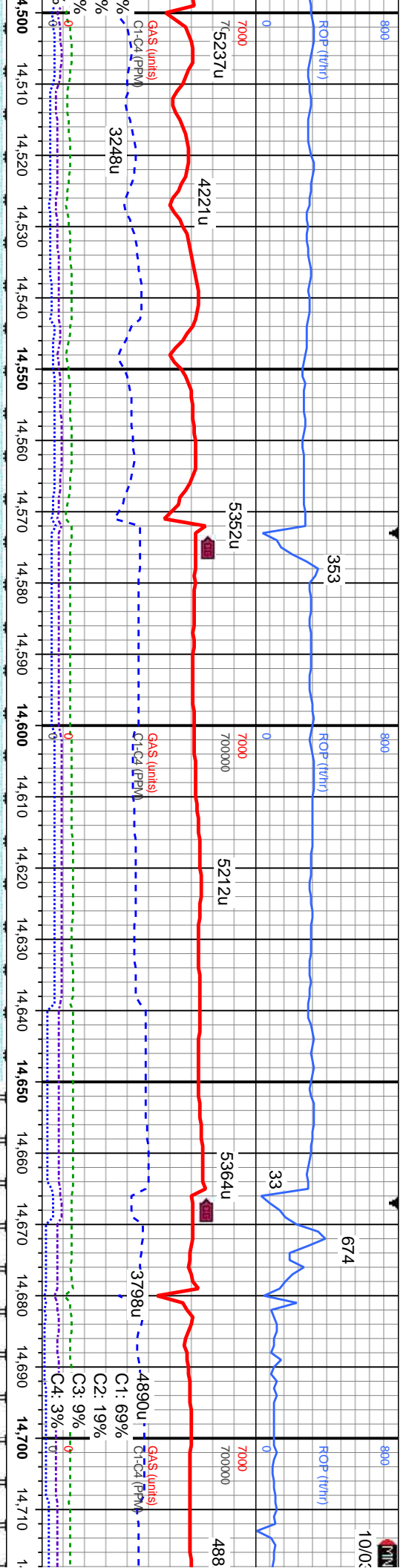






<p>CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, rr fos frags, tr bent; fast stmg, bri bl cut</p>	<p>CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, rr fos frags, tr bent; fast difse, mod fast stmg, bri bl cut</p>	<p>CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, rr fos frags, tr bent; fast difse, mod fast stmg, bri bl cut</p>	<p>CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, rr fos frags, tr bent; fast difse, mod fast stmg, bri bl cut</p>
<p>MD: 14,320' TVD: 6,915.52' Inclination: 89.7° Azimuth: 269.8° VS: 857.75'</p>	<p>MD: 14,414' TVD: 6,915.52' Inclination: 90.3° Azimuth: 270.5° VS: 858'</p>	<p>MD: 14,414' TVD: 6,915.52' Inclination: 90.3° Azimuth: 270.5° VS: 858'</p>	<p>MD: 14,414' TVD: 6,915.52' Inclination: 90.3° Azimuth: 270.5° VS: 858'</p>
6940	6940	6940	6940

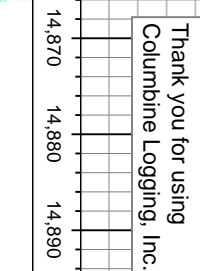




8	300	0	87	0	103	0	
GAMMA units		GAMMA units		GAMMA units		GAMMA units	
CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, r r fos frags, tr bent; fast difse, mod fast sting, bri bl cut		CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, r r fos frags, tr bent; fast difse, mod fast sting, bri bl cut		CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, r r fos frags, tr bent; fast difse, mod fast sting, bri bl cut		CHK: lt-med gy, str, sb ply-biky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb ply-ply, gt tex, calc, r r fos frags, tr bent; fast difse, mod fast sting, bri bl cut	
MD: 14,508' TVD: 6,915.19' Inclination: 90.1° Azimuth: 270° VS: 858.41'		MD: 14,602' TVD: 6,915.36' Inclination: 89.7° Azimuth: 269.3° VS: 857.83'		MD: 14,697' TVD: 6,915.94' Inclination: 89.6° Azimuth: 268.9° VS: 856.34'			
6940	6940	6940	6940	6940	6940	6940	6940



800



TD Reached @ MD 14,866'
10/04/2015 @ 01:22 hrs MST



CHK: li-med gy, str, sb plyt-bky, brit, sl sft, sb rthy-sm tex, v calc, calc; MRLST: med-dk gy, mot-spec, slt gr, sl frm, sb plyt-ply, gt tex, calc, r fos frags, tr bent; fast difse, mod fast stmg, bri bl cut

6840 CHK: it-med gy, str, sb ply-dlky, brit, sl sft, sb rthy-sm
tex, v calc, calc: MRLST: med-dk gy, mot-spec, sit gr,
sl frm, sb ply-ply, qt tex, calc, r fos frags, tr bent, fast
difse, mod fast strng, bri bl cut

PROJECTION TO BIT

MD: 14,866'
TVD: 6,917.12'
Inclination: 89.6°
Azimuth: 268.4°
VS: 852.36'

