



Scale: 5" / 100'
Measured Depth Log

Well Name Crow Creek State AC36-76HN HORZ

Location SEC 36 T7N R63W

State Colorado

Country USA

API Number 05-123-37132

Region DJ Basin

Spud Date 10/15/2013

Surface Coordinates SESW SEC 36 T7N R63W
270' FSL; 1,830' FWL

LAT/LON 40.52358/-104.38767

Bottom Hole Coordinates Sec: 36 Twp: 7N 63W

1980' FWL; 535' FNL

Ground Elevation 4789'

Logged Interval 2000' To 11056'

Formation Niobrara B Chalk

Type of Drilling Fluid LSND

County Weld

Rig Number H&P 315

AFE # 139139

Field Wattenberg

Drilling Completed 10/21/2013

K.B. Elevation 4813'

Total Depth 11056

Company Noble Energy Inc
Address 1625 Broadway
Denver, CO 80202

Name NATHAN MURPHY
Company COLUMBINE LOGGING
Address 2385 S Lipan St
Denver, CO 80229
















































Operator

Suite 2200

202

Accessories

Fossils

	F FOSSIL		- ARGILLACEOUS		✓ GLAUCONITE		✓ TUFFACEOUS
	GASTROPOD		/ ARGILLITE GRAIN		✓ GYPSIFEROUS		
	Ø OOLITE		B BENTONITE		✓ HEAVY MINERAL		
	AMPHIPORA		BITUMINOUS SUBSTANCE		✓ INOCERAMUS		
	BELEMNITE		BRECCIA FRAGMENTS		K KAOLIN		
	BIOCALCITE		✓ CALCAREOUS FLAKES		T MARLSTONE		
	BRACHIOPOD		✓ CARBONACEOUS FLAKES		✓ MINERAL CRYSTALS		
	✓ BRYOZOA		✓ CHERT		✓ NODULES		
	✓ CEPHALOPOD		✓ CHERT		✓ PHOSPHATE PELLETS		
	✓ CORAL		✓ COAL - THIN BEDS		P PYRITE		
	✓ CRINOID		✓ DOLOMITIC		✓ SALT CAST		
	✓ ECHINOID		✓ FELDSPAR		✓ SANDY		
	✓ FISH		✓ FERRUGINOUS S PELLETT		✓ SILICEOUS		
	✓ FORAMINIFERA		✓ ANHYDRITIC		✓ SILTY		
							— SHALE STRINGER
							— SILTSTONE STRINGER

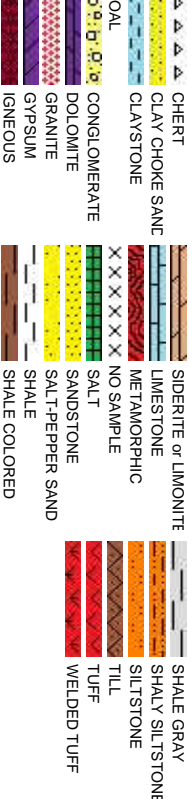
Geologist

PHY, JACK WEINERTH

LOGGING, INC






















223

Rock Types



Other Symbols

Oil Show

-  **Oil Show**
-  ORGANIC
-  PINPOINT
-  DEAD
-  EVEN
-  QUESTIONABLE
-  **Engineering**
-  CORE - RECOVERED
-  DST INTERVAL
-  FAULT
-  FORMATION TOP
-  GAS SHOW
-  TRIP GAS
-  WIRELINE TESTED - LEFT
-  WIRELINE TESTED - RT
-  E EARTHLY
-  FINELY
-  GRAINSTONE
-  L LITHOGRAPHIC
-  MICROCLN
-  **Rounding**

Engineering

SPOTTED STAINING BIT

Porosity

Porosity	 CONNECTION (DOWN)	 NORMAL FAULT	 R ROUNDED	 P3 PACKSTONE
 CONNECTION (LEFT)	 OIL SHOW	 B SUBANG	 W3 WACKSTONE	
 CONNECTION (RIGHT)	 OVERTURNED STRATA	 S SUBSUND		
 REVERSE FAULT				
 SIDEWALL CORE (LEFT)				
 SIDEWALL CORE (RIGHT)				
 SLIDE				
 S SURVEY				
 CORE - LOST				
Textures				
 B3 BOUNDSTONE				
 C CHALKY				
 CX CRYPTOXIN				
Sorting				
 M MODERATE				
 P POOR				
 W WELL				

Textures

TEXTURES

M MODERATE

P POOR

W WELL

Sorting

M MODERATE
P POOR
W WELL

Slide/Rotate

ROP

ROP (t/hr)

ROP data from iBall

Curves

GAMMA

Gamma data from Sperry - Halliburton

Total Gas & Chromatograph

GAS

C1
C2
C3
C4

Gas data from iBall

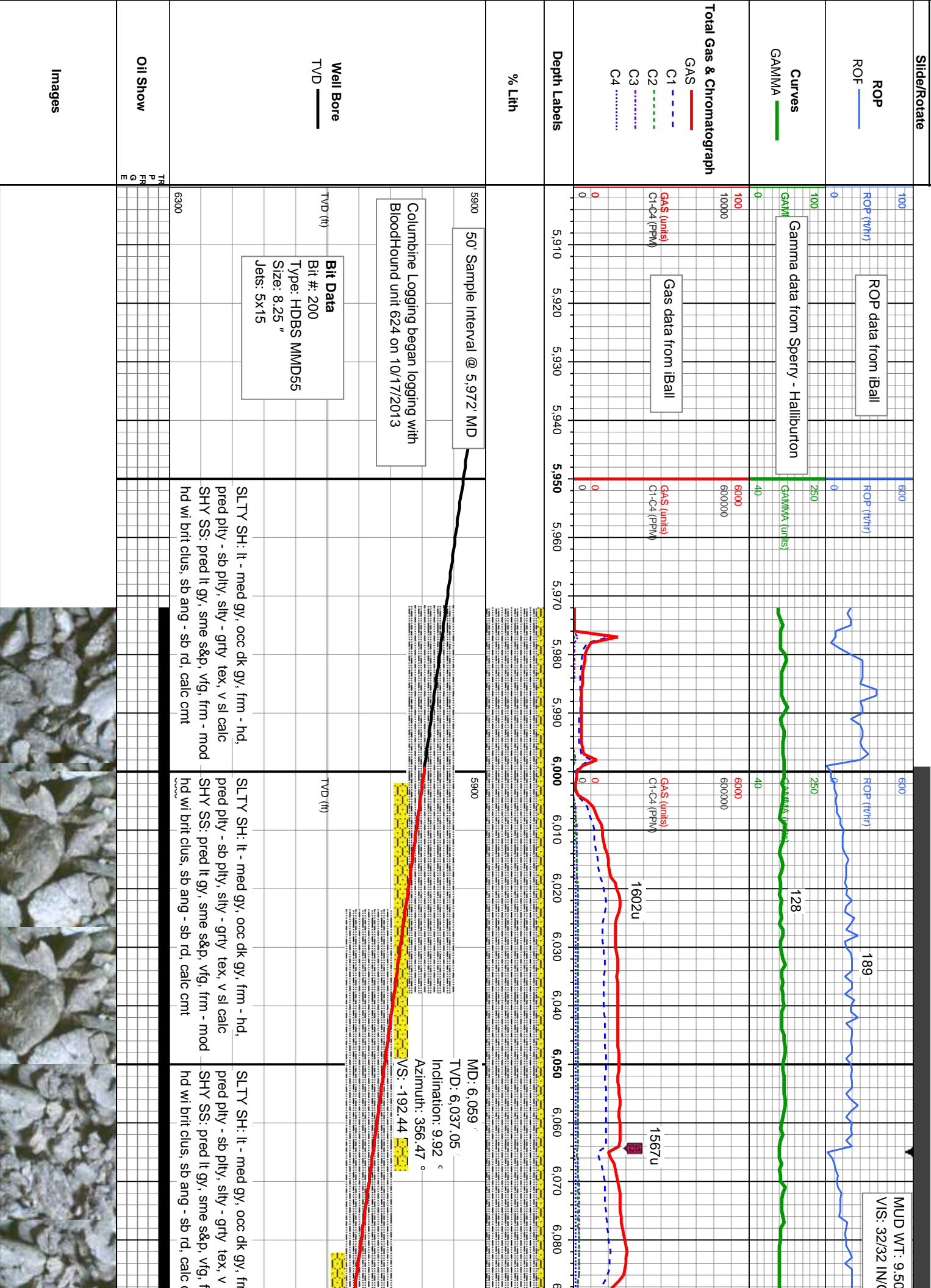
Depth Labels

% Lith

Well Bore
TVD

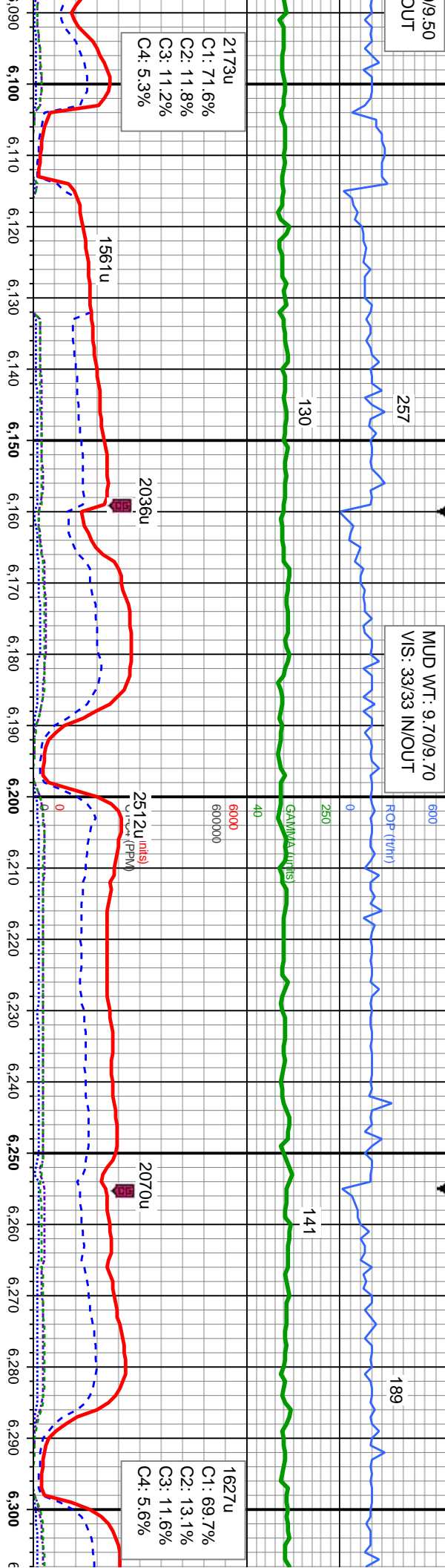
Oil Show

Images



9.50
OUT

MUD WT: 9.70/9.70
VIS: 33/33 IN/OUT



MD: 6,106
TVD: 6,083.09
Inclination: 13.26 °
Azimuth: 356.43 °
VS: -183.05

MD: 6,154
TVD: 6,129.38
Inclination: 17.34 °
Azimuth: 356.56 °
VS: -170.45

MD: 6,201
TVD: 6,173.78
Inclination: 20.89 °
Azimuth: 359.65 °
VS: -155.1 b (ft)

MD: 6,249
TVD: 6,217.98
Inclination: 25 °
Azimuth: 4.34 °
VS: -136.41

MD: 6,296
TVD: 6,259.74
Inclination: 29.55 °
Azimuth: 3.62 °
VS: -114.89

m - hd,
si calc
mod

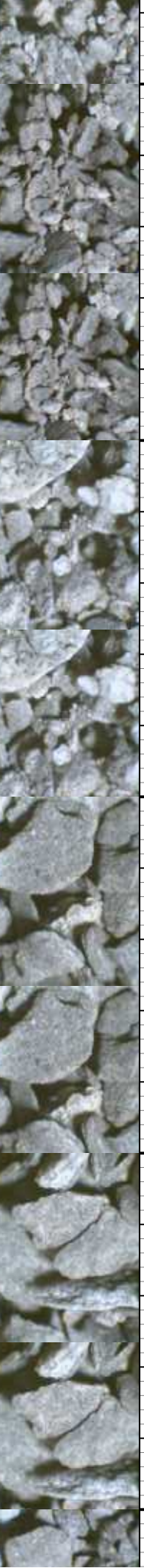
SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pty - sb pty, silty - grty tex, v si calc
SHY SS: pred It gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cmt

SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pty - sb pty, silty - grty tex, v si calc
SHY SS: pred It gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cmt

SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pty - sb pty, silty - grty tex, v si calc
SHY SS: pred It gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cmt

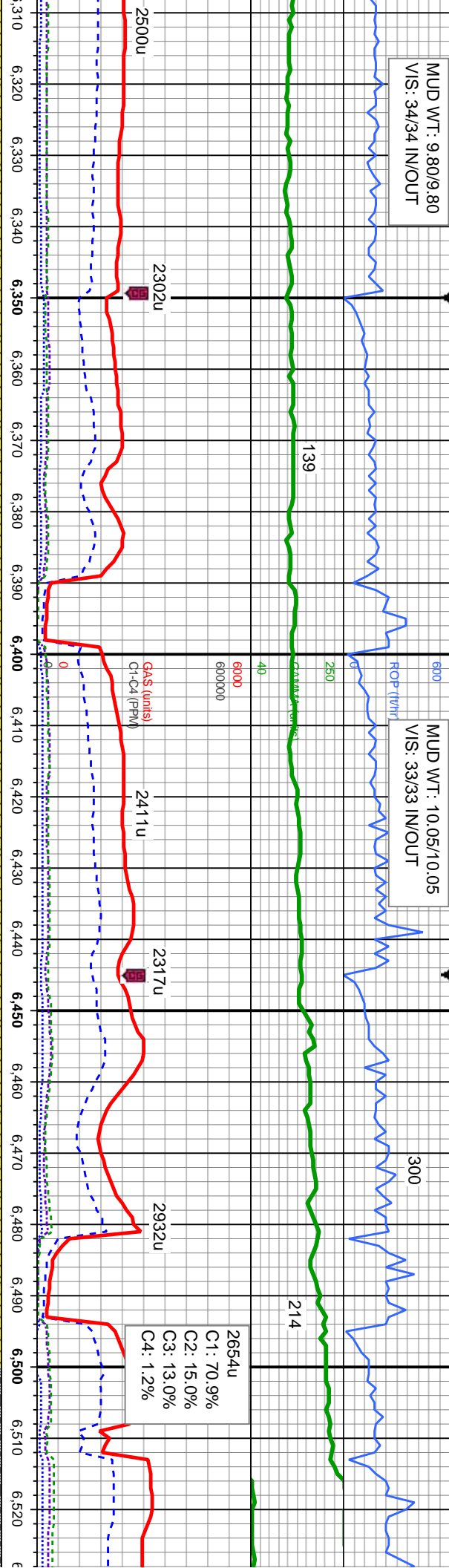
SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pty - sb pty, silty - grty tex, v si calc
SHY SS: pred It gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cmt

SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pty - sb pty, silty - grty tex, v si calc
SHY SS: pred It gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cmt



MUD WT: 9.80/9.80
VIS: 34/34 IN/OUT

MUD WT: 10.05/10.05
VIS: 33/33 IN/OUT



MD: 6,344'
TVD: 6,300.68'
Inclination: 33.38 °
Azimuth: 6,74 °
VS: -89.89'

MD: 6,391'
TVD: 6,338.92'
Inclination: 37.69 °
Azimuth: 5.33 °
VS: -62.64'

MD: 6,439'
TVD: 6,375.58'
Inclination: 42.71 °
Azimuth: 1.14 °
VS: -31.69'

MD: 6,486'
TVD: 6,408.85'
Inclination: 47.13 °
Azimuth: 358.91 °
VS: -1.47'

25' Sample Interval @ 6,500' MD

SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pily - sb pily, silty - grty tex, v sl calc
SHY SS: pred lt gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cnt

SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pily - sb pily, silty - grty tex, v sl calc
SHY SS: pred lt gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cnt

SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pily - sb pily, silty - grty tex, v sl calc
SHY SS: pred lt gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cnt

SLTY SH: It - med gy, occ dk gy, frm - hd,
pred pily - sb pily, silty - grty tex, v sl calc
SHY SS: pred lt gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cnt

SLTY SH: It - med gy, occ
pred pily - sb pily, silty - gr



MUD WT: 10.25/10.25
VIS: 37/37 IN/OUT

400

ROP (ft/hr)

GAMMA (units)

209

MUD WT: 10.40/10.40
VIS: 38/38 IN/OUT

83

3833u

C1: 61.8%
C2: 18.1%
C3: 14.6%
C4: 5.5%

3942u

6000

6000000

40

0

500 (units)
C1-C4 (PPM)

2866u

3059u

3396u

Sharon Springs Marker @
6,577' MD: 6,467' TVD

Niobrara Top @
6,611' MD: 6,487' TVD

Nio A Chalk Top @
6,644' MD: 6,504' TVD

Nio A Marl Top @
6,696' MD: 6,530' TVD

MD: 6,724
TVD: 6,544.09
Inclination: 62.4 °
Azimuth: 359.17 °
VS: 190.5 '

MD: 6,581
TVD: 6,469.94
Inclination: 52.91 °
Azimuth: 357.78 °
VS: 68.49 '

MD: 6,629
TVD: 6,497.11
Inclination: 58.14 °
Azimuth: 357.44 °
VS: 108.01 '

MD: 6,676
TVD: 6,521.12
Inclination: 60.41 °
Azimuth: 357.59 °
VS: 148.38 '

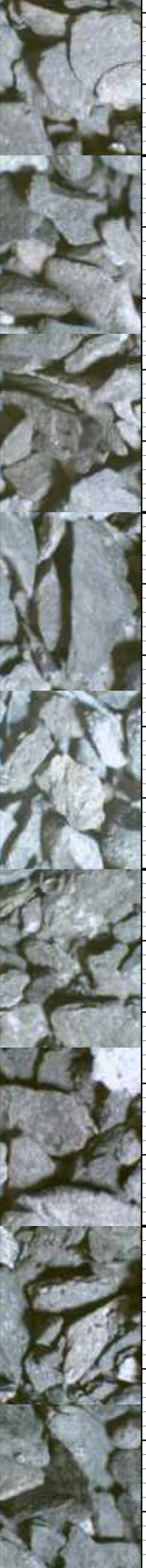
D: 6,534
D: 6,440.64
Inclination: 49.93 °
Azimuth: 357.36 °
VS: 31.79 '

SLTY SH: lt - med gy, occ dk gy, frm - hd,
pred pty - sb pty, stly - grty tex, v sl calc,
abt bent

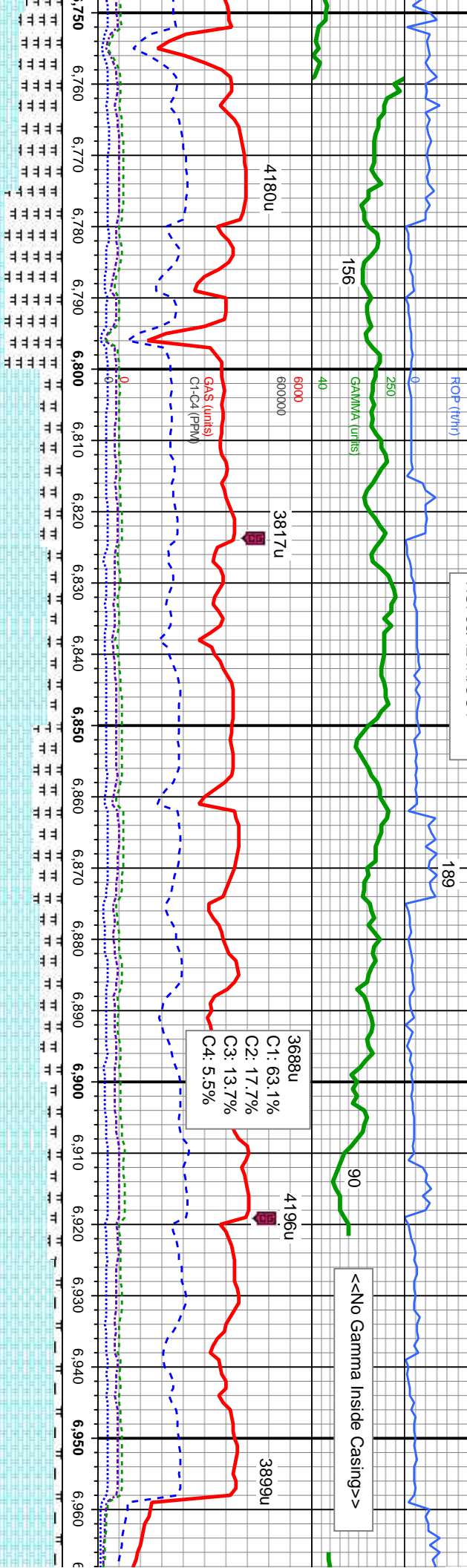
CHK: lt - med gy - gy brn, mot, lam, sft - frm,
sb pty - sb blk, rthy tex, v calc
SLTY SH: lt - medgy, occ dk gy, frm - mod
hd, sb pty - sb blk, stly - grty tex, sl calc
MRL: lt - med gy, sme blk, sft - mod hd, sb
pty - pty, stly - grty tex, sme bent, tr fos frag

CHK: lt - med gy - gy brn, mot, lam, sft - hd,
sb pty - sb blk, rthy tex, v calc, tr bent
MRL: lt - med gy, sme blk, sft - mod hd, sb
pty - pty, stly - grty tex
SHY SS: pred lt gy, sme s&p, vfg, frm - mod
hd w/ brit clus, sb ang - sb rd, calc cnt, sme
bent, sme fos frag

CHK: lt - med gy - gy brn, mot, lam, sft - frm
sb pty - sb blk, rthy tex, v calc
MRL: lt - med gy, sme blk, sft - mod hd, sb
pty - pty, stly - grty tex, tr bent, n fos frag



MUD WT: 10.40/10.40
VIS: 38/42 IN/OUT



Nio B Chalk Top @
6,856' MD 6,594' TVD

MD: 6,771'
TVD: 6,564.84'
Inclination: 65.21 °
Azimuth: 359.05 °
VS: 232.67'

MD: 6,819'
TVD: 6,582.97'
Inclination: 70.39 °
Azimuth: 359.71 °
VS: 277.09'

MD: 6,866'
TVD: 6,596.86'
Inclination: 75.2 °
Azimuth: 0.23 °
VS: 321.97'

MD: 6,915'
TVD: 6,607.21'
Inclination: 80.41 °
Azimuth: 0.63 °
VS: 369.85'

TOOH @ 6,9
to run 7" casing

MD: 6
TVD: 6
Incline
Azimu
VS: 42

CHK: It - med gy - gy brn, mot, lam, sft - firm,
sb pily - sb blk, rthy tex, v calc
MRL: It - med gy, sme blk, sft - mod hd, sb
pily - pily, stly - grty tex, sme bent

CHK: It - med gy - gy brn, mot, lam, sft, sb
pily - sb blk, rthy tex, v calc
MRL: It - med gy, sme blk, sft -hd, sb pily -
pily, stly - grty tex, sme bent

CHK: It - med gy - gy brn, mot, lam, sft - firm,
sb pily - sb blk, rthy tex, v calc
MRL: It - med gy, sme blk, sft - mod hd, sb
pily - pily, stly - grty tex, sme bent, n fos frag

CHK: It - med gy - gy brn, mot, lam, sft - firm,
sb pily - sb blk, rthy tex, v calc
MRL: It - med gy, sme blk, sft - mod hd, sb
pily - pily, stly - grty tex, rr bent, n fos frag

CHK: It - med g
sb pily - sb blk
MRL: It - med g
pily - pily, stly -

TVD (ft)



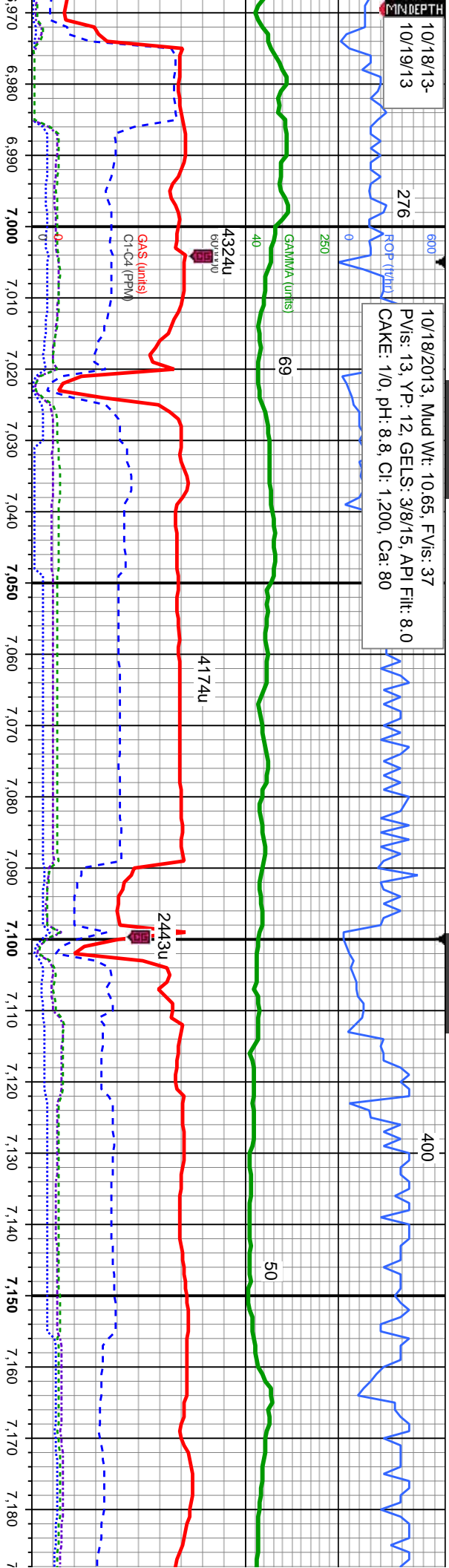
10/18/13-
10/19/13

276

ROP (ft/hr)

10/18/2013, Mud Wt: 10.65, FV/s: 37
PV/s: 13, YP: 12, GELS: 38/15, API Filtr: 8.0
CAKE: 1/0, pH: 8.8, Cl: 1,200, Ca: 80

400



Bit Data

Bit #: 300
Type: HDBS FXD54
Size: 6.12"
Jets: 5x14

MD: 7,037'
TVD: 6,620.96'
Inclination: 86.64°
Azimuth: 358.8°
VS: 495.96'

TVD (ft)

MD: 7,132'
TVD: 6,625.58'
Inclination: 87.79°
Azimuth: 358.62°
VS: 585.87'

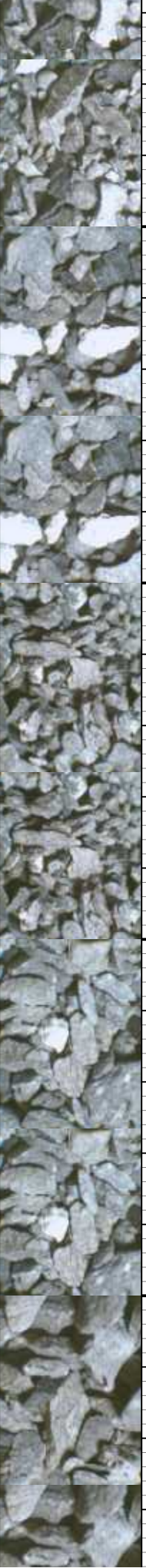
80% CHK: It - med gy - gy brn, mot, lam, sft
- frm, sb ply - sb blk, rthy tex, v calc
20% MRL: It - med gy, sme blk, sft - mod
hd, sb ply - ply, silty - grty tex, rr bent, n fos
frag

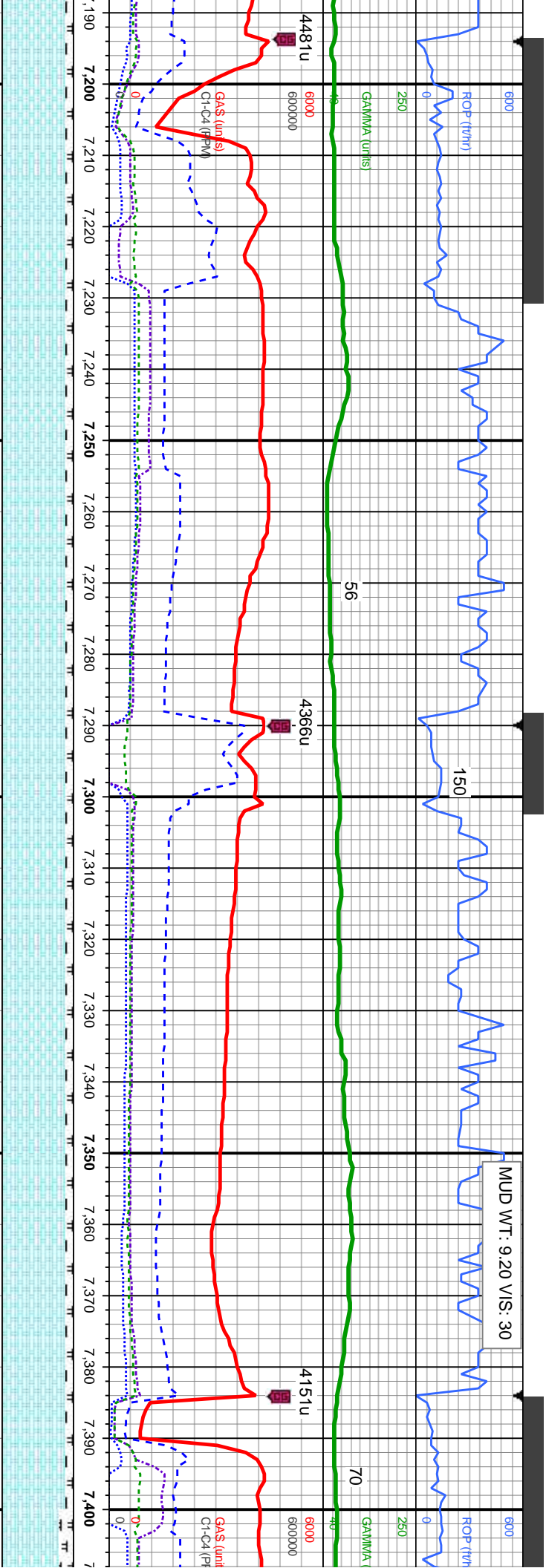
90% CHK: It - med gy - gy brn, mot, lam, sft
- frm, sb ply - sb blk, rthy tex, v calc
10% MRL: It - med gy, sme blk, sft - mod
hd, sb ply - ply, silty - grty tex, rr bent, n fos
frag

90% CHK: It - med gy - gy brn, mot, lam, sft
- frm, sb ply - sb blk, rthy tex, v calc
10% MRL: It - med gy, sme blk, sft - mod
hd, sb ply - ply, silty - grty tex, rr bent, n fos
frag

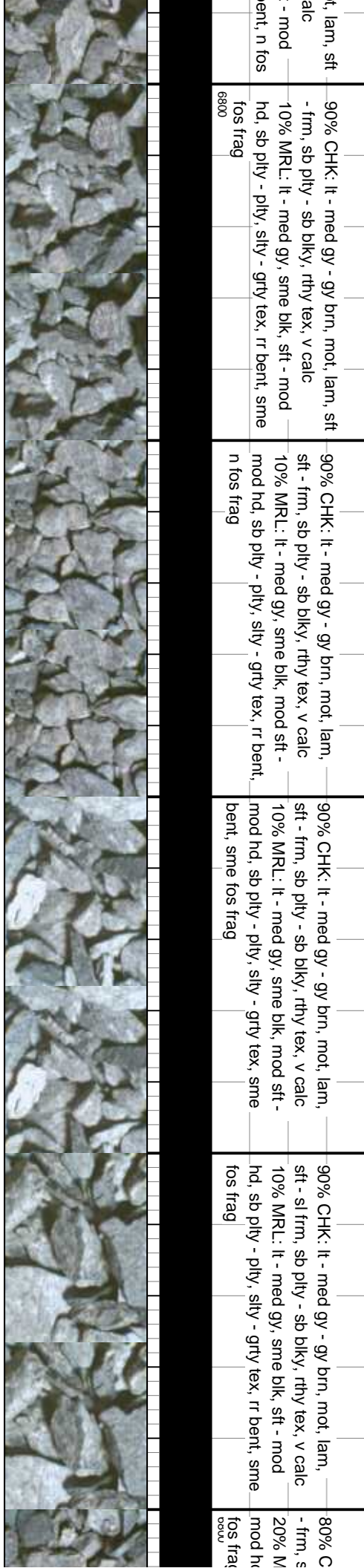
90% CHK: It - med gy - gy brn, mot, lam, sft
- frm, sb ply - sb blk, rthy tex, v calc
10% MRL: It - med gy, sme blk, sft - mod
hd, sb ply - ply, silty - grty tex, rr bent, n fos
frag

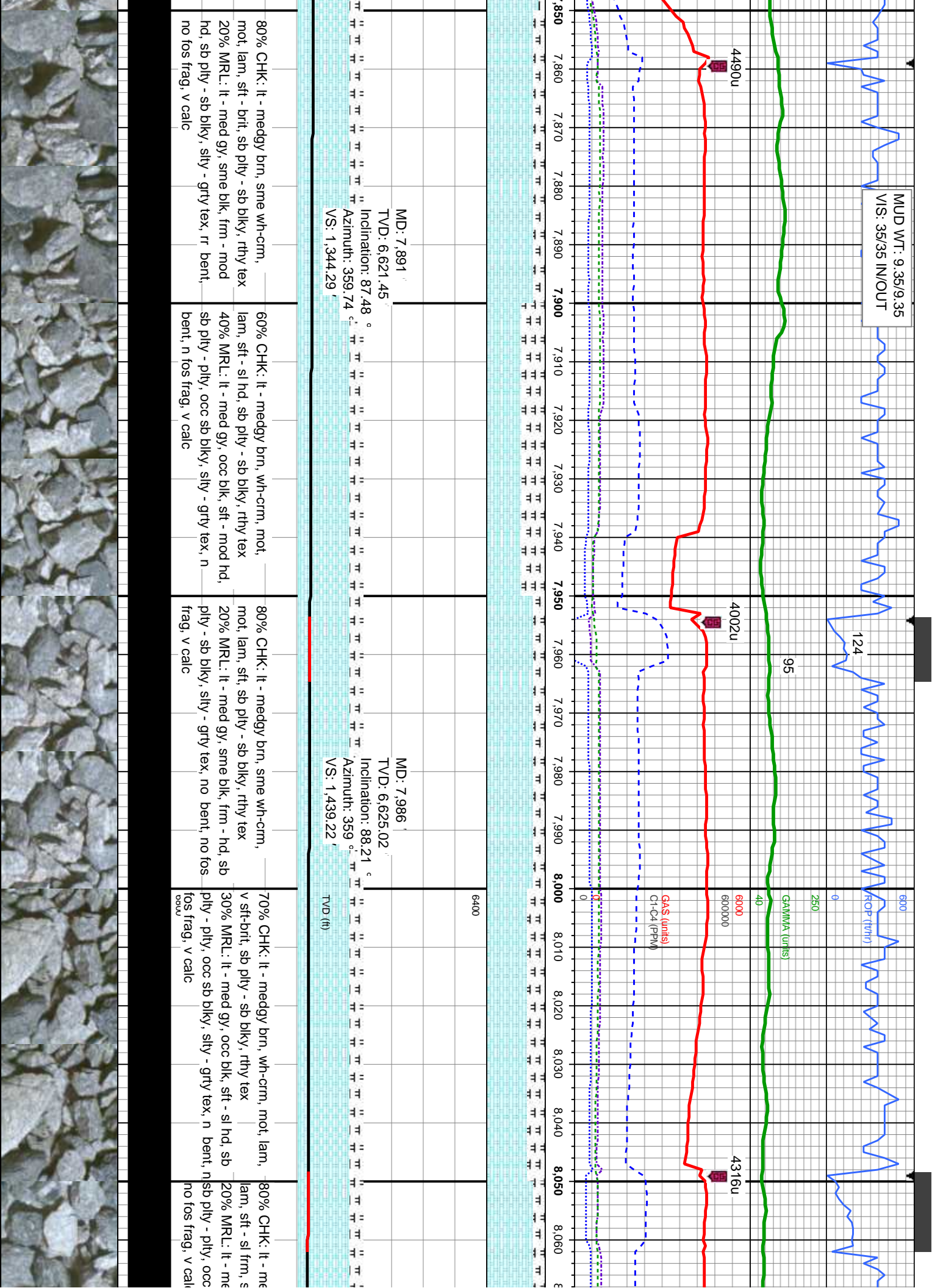
gy - gy brn, mot, lam, sft - frm,
rthy tex, v calc
y, sme blk, sft - mod hd, sb
grty tex, rr bent, n fos frag





6400	MD: 7,227' TVD: 6,625.62' Inclination: 92.16 ° Azimuth: 359.69 ° VS: 680.83'	90% CHK: It - med gy - gy brn, mot, lam, sft sft - frm, sb pily - sb blk, rthy tex, v calc 10% MRL: It - med gy, sme blk, sft - mod hd, sb pily - pily, silty - grty tex, rr bent, sme fos frag
6800	MD: 7,322' TVD: 6,621.87' Inclination: 92.37 ° Azimuth: 1.53 ° VS: 775.75'	90% CHK: It - med gy - gy brn, mot, lam, sft sft - frm, sb pily - sb blk, rthy tex, v calc 10% MRL: It - med gy, sme blk, mod sft - mod hd, sb pily - pily, silty - grty tex, sme bent, sme fos frag
6400	MD: 7,322' TVD: 6,621.87' Inclination: 92.37 ° Azimuth: 1.53 ° VS: 775.75'	90% CHK: It - med gy - gy brn, mot, lam, sft sft - si frm, sb pily - sb blk, rthy tex, v calc 10% MRL: It - med gy, sme blk, sft - mod hd, sb pily - pily, silty - grty tex, rr bent, sme fos frag





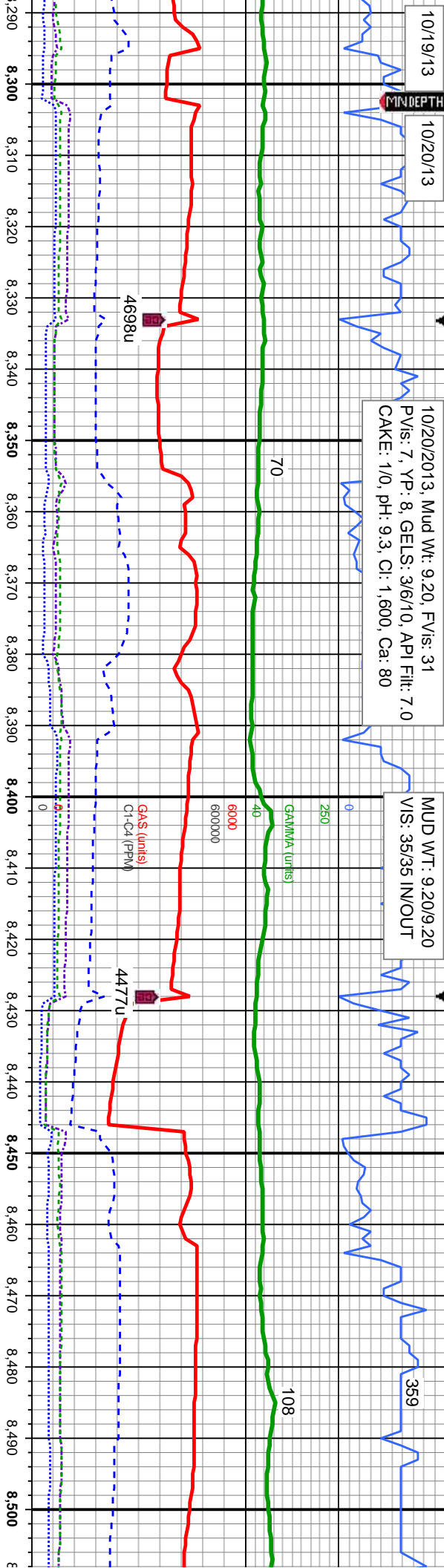
10/19/13

10/20/13

MINDEPTH

10/20/2013, Mud Wt: 9.20, FVIs: 31
PVIs: 7, YP: 8, GELS: 3/6/10, API Filt: 7.0
CAKE: 1/0, pH: 9.3, Cl: 1,600, Ca: 80

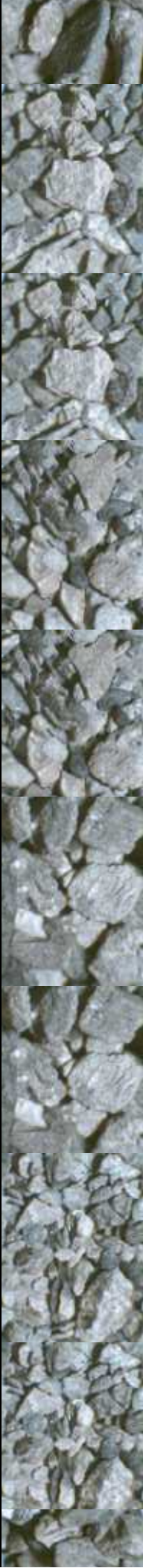
MUD WT: 9.20/9.20
VIS: 35/35 IN/OUT

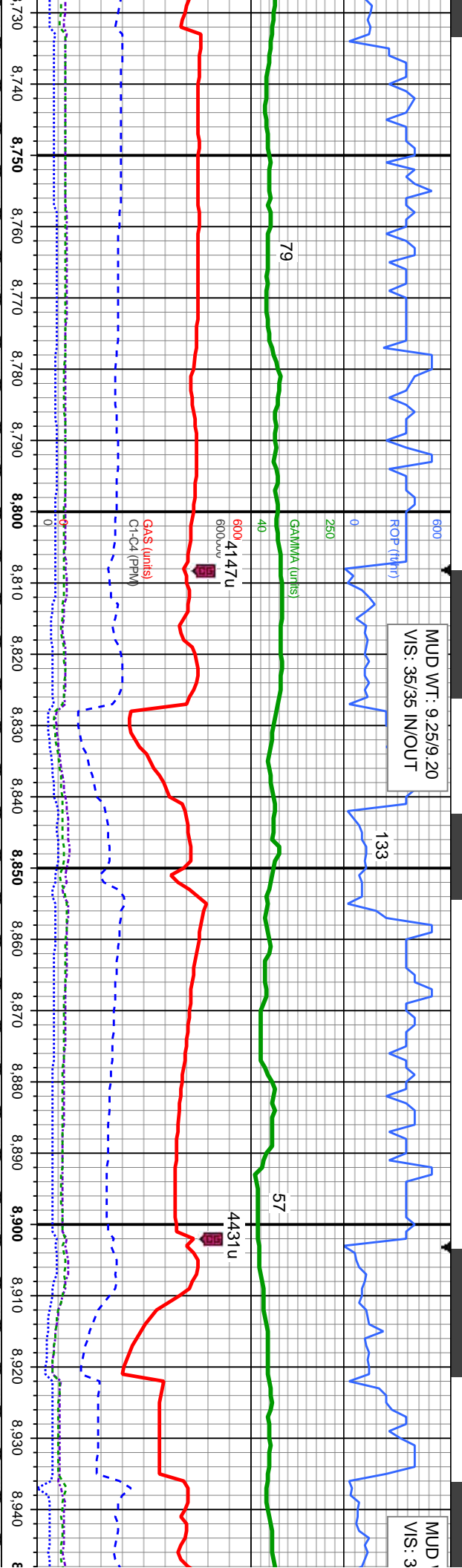


MD: 8,365
TVD: 6,631.55
Inclination: 87.29 °
Azimuth: 0.86 °
VS: 1,817.76'

MD: 8,460
TVD: 6,635.32
Inclination: 88.15 °
Azimuth: 357.86 °
VS: 1,912.66'

mot, /tex	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb ply - sb blk, rthy tex	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb ply - sb blk, rthy tex	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb ply - sb blk, rthy tex
od hd, sb	100% MRL: It - med gy, blk, sft - mod hd, sb ply - ply, occ sb blk, sily - grty tex, sme bent, no fos frag, v calc	10% MRL: It - med gy, blk, mod hd-hd, sb ply -sb blk, sily - grty tex, abt bent, no fos frag, v calc	10% MRL: It - med gy, blk, sft - mod hd, sb ply - sb blk, sily - rthy tex, abt bent, no fos frag, v calc
mot, /tex	100% CHK: It - medgy brn, sme wh-crm, mot, lam, sft - frm, sb ply - sb blk, rthy tex, abt bent, sme fos frag, v calc		

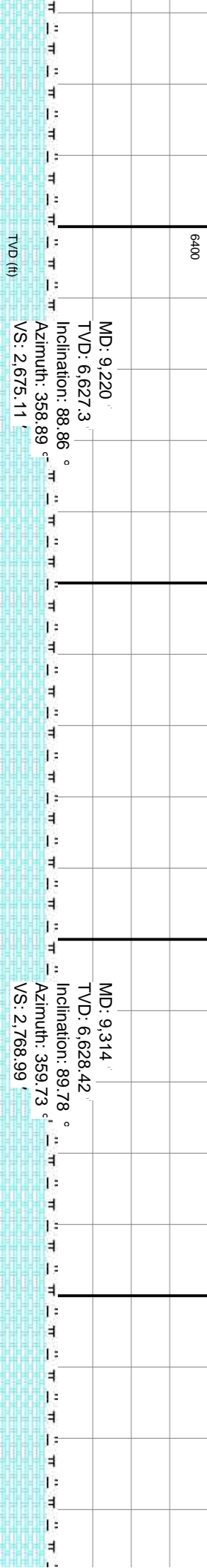
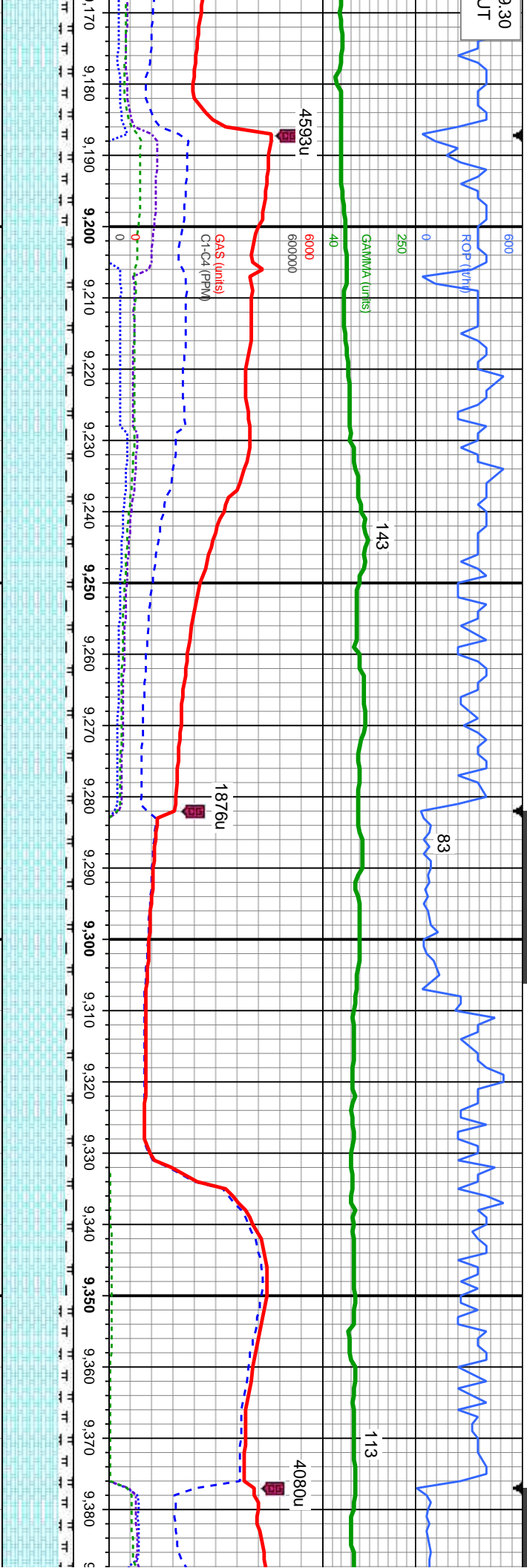




MD: 8,745 TVD: 6,638.1'	Inclination: 90.34 ° Azimuth: 355.52 ° VS: 2,201.09'	6400	MD: 8,840 TVD: 6,634.78'	Inclination: 93.67 ° Azimuth: 357.45 ° VS: 2,295.55'	MD: 8,935 TVD: 6,630.27'	Inclination: 91.76 ° Azimuth: 1.02 ° VS: 2,390.31'
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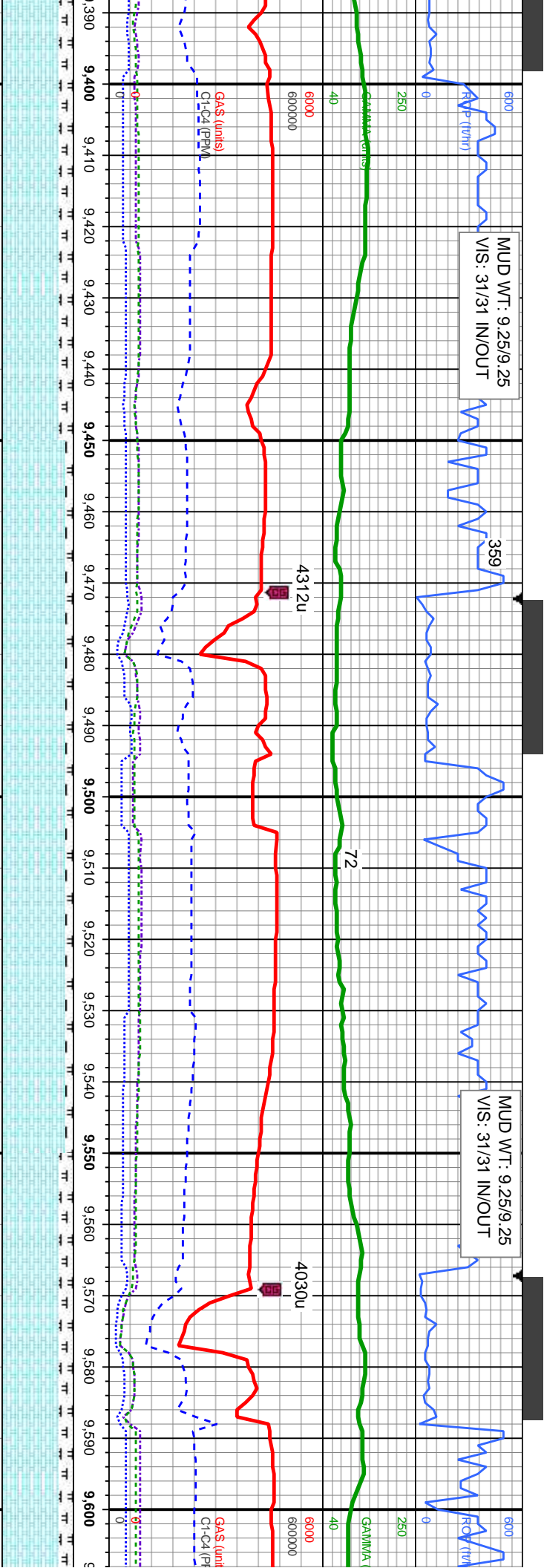
90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex 10% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex 10% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex 10% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex 10% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc
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medgy brn, wh-crm, mot, sb pily - sb blk, rthy tex med gy, blk, sft - mod hd, sb pily - rthy tex, sme bent, no	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex 10% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex 10% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc	90% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex 10% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc	80% CHK: It - medgy brn, wh-crm, lam, sft - sl hd, sb pily - sb blk, rthy tex 20% MRL: It - med gy, blk, sft - mod gy, blk, sft - mod hd, sb pily - sb blk, silty - rthy tex, sme bent, no fos frag, v calc
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MD: 9.409
TVD: 6,629.37
Inclination: 89.07 °
Azimuth: 357.68 °
VS: 2,863.81 '

MD: 9.504
TVD: 6,629.4
Inclination: 90.89 °
Azimuth: 359.87 °
VS: 2,958.64 '

MD: 9.599
TVD: 6,626.49
Inclination: 92.6
Azimuth: 2.01 °
VS: 3,053.57 '

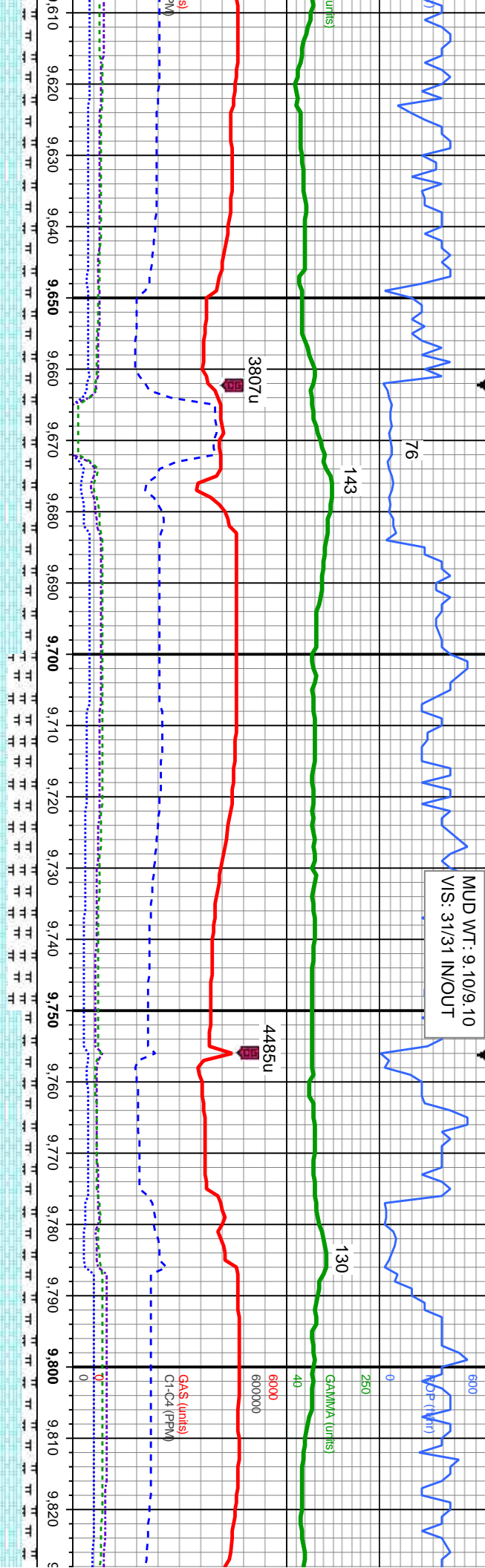
mot, 80% CHK: It - medgy brn, wh-crm, mot,
y tex lam, sft - sl hd, sb pily - sb blk, rthy tex
hd, sb 20% MRL: It - med gy, blk, sft - mod hd, sb
no pily - sb blk, silty - rthy tex, sme bent, no
fos frag, v calc

90% CHK: It - medgy brn, wh-crm, mot,
lam, sft - sl hd, sb pily - sb blk, rthy tex
10% MRL: It - med gy, blk, sft - mod hd, sb
pily - sb blk, silty - rthy tex, sme bent, no
fos frag, v calc

90% CHK: It - medgy brn, wh-crm, mot,
lam, sft - sl hd, sb pily - sb blk, rthy tex
10% MRL: It - med gy, blk, sft - mod hd, sb
pily - sb blk, silty - rthy tex, sme bent, no
fos frag, v calc

80% CHK: It - medgy brn, wh-crm, mot,
lam, sft - sl hd, sb pily - sb blk, rthy tex
20% MRL: It - med gy, blk, sft - mod hd, sb
pily - sb blk, silty - rthy tex, sme bent, no
fos frag, v calc



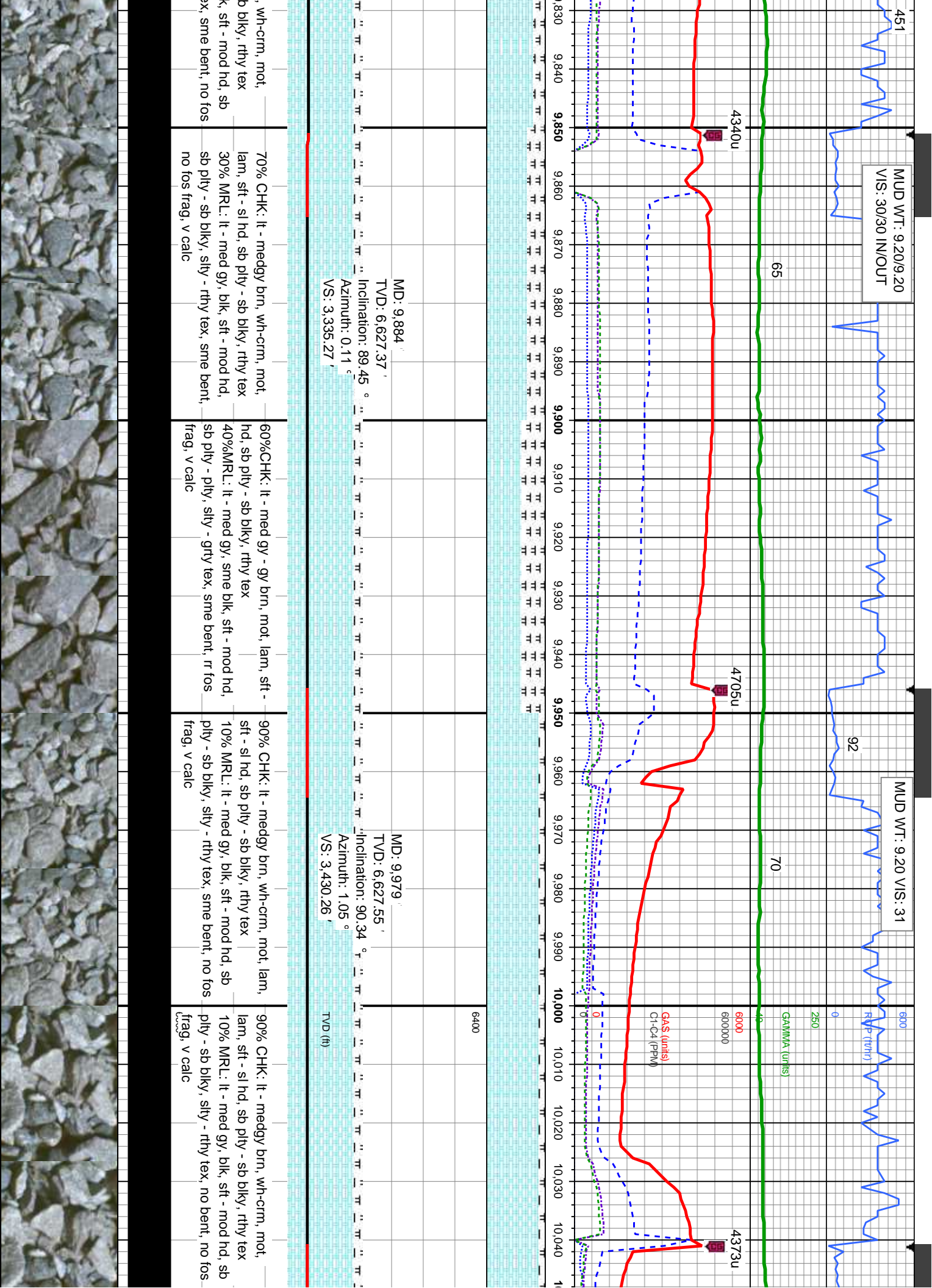


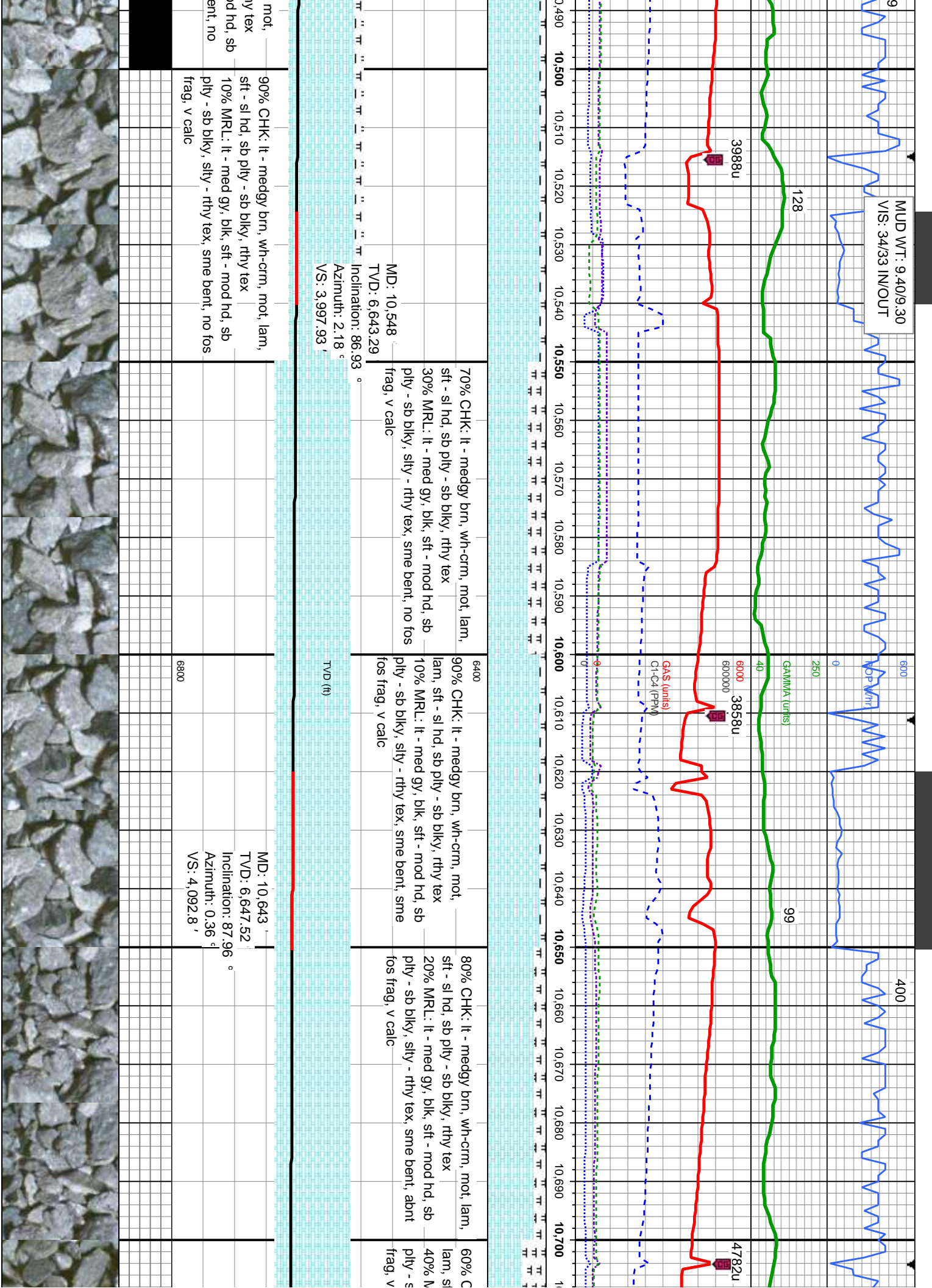
MD: 9,694'
TVD: 6,623.94'
Inclination: 90.46 °
Azimuth: 3.27 °
VS: 3,148.52'

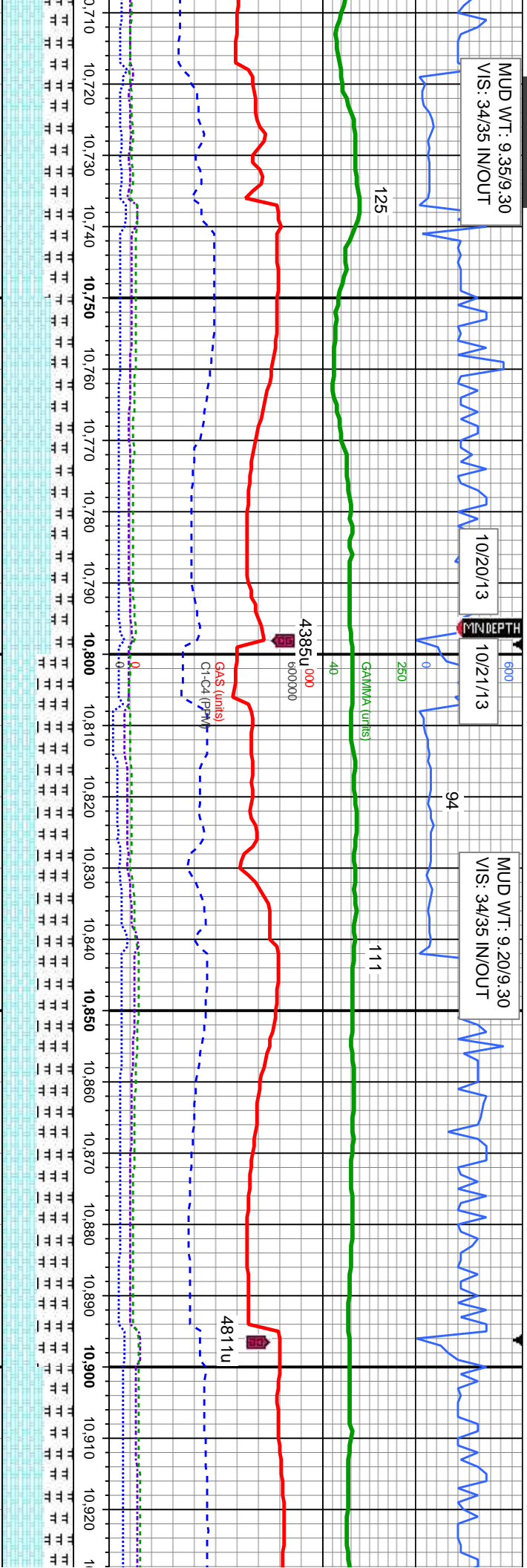
MD: 9,789'
TVD: 6,625.23'
Inclination: 87.97 °
Azimuth: 1.23 °
VS: 3,243.5'

CHK: It - medgy brn, wh-crm, mot, sft - sl hd, sb pily - sb blk, rthy tex	80% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex	60% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex	80% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex	80% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb pily - sb blk, rthy tex
MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, sily - rthy tex, sme bent, no frag, v calc	20% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, sily - rthy tex, sme bent, no fos frag, v calc	40% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, sily - rthy tex, sme bent, no fos frag, v calc	20% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, sily - rthy tex, sme bent, no fos frag, v calc	20% MRL: It - med gy, blk, sft - mod hd, sb pily - sb blk, sily - rthy tex, sme bent, no fos frag, v calc









CHK: It - medgy brn, wh-crm, mot, t - hd, sb ply - sb blk, rthy tex	70% CHK: It - medgy brn, wh-crm, mot, lam, sft - sl hd, sb ply - sb blk, rthy tex 30% MRL: It - med gy, blk, sft -hd, sb ply - sb blk, silty - rthy tex, sme bent, no fos v calc	64% CHK: It - medgy brn, wh-crm, mot, lam, sft - mod hd, occ hd, sb ply - sb blk, rthy tex 50% MRL: It - med gy, blk, sft - hd, sb ply - sb blk, silty - rthy tex, sme bent, sme fos frag, v calc	50% CHK: It - medgy brn, wh-crm, mot, lam, sft - mod hd, occ hd, sb ply - sb blk, rthy tex 50% MRL: It - med gy, blk, sft - hd, sb ply - sb blk, silty - rthy tex, sme bent, sme fos frag, v calc	60%CHK: It - med gy - gy hd, sb ply - sb blk, rthy te 40%MRL: It - med gy, sme sb ply - ply, silty - grty tex frag, v calc
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MD: 10,738 TVD: 6,650.49 Inclination: 88.46 ° Azimuth: 359.33 ° VS: 4,187.76 '		MD: 10,833 TVD: 6,650.77 Inclination: 91.2 ° Azimuth: 358.89 ° VS: 4,282.73 '		MD: 10 TVD: 6 Inclinat Azimut VS: 4.3	
TVD (ft)		TVD (ft)		TVD (ft)	
6800					



