



Exploration Services LLC

www.pmls.com

Scale 1:240 (5"=100') Imperial

Well Name: Taylor 3406 3-29H
Location: 29-34S-6W Harper County
Licence Number: 15-077-21909-01-00 Region: Kansas
Spud Date: 5/15/13 Drilling Completed: 5/24/13
Surface Coordinates: 200' FNL & 1,640' FWL of Section 29, T34S, R6W

Bottom Hole 330' FSL & 1,980' FWL of Section 29, T34S, R6W
Coordinates:
Ground Elevation (ft): 1,295' K.B. Elevation (ft): 1,313' (+18 EST)
Logged Interval (ft): 3,250' To: 9,233' Total Depth (ft): 9,233'
Formation: Mississippi Limestone
Type of Drilling Fluid: WATER BASE MUD

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Sandridge Energy, Inc.
Address: 123 Robert S. Kerr Avenue
Oklahoma City, OK 73102
405-429-5720

GEOLOGIST

Name: Tammy Alcorn
Company: Sandridge Energy, Inc.
Address: 123 Robert S. Kerr Avenue
Oklahoma City, OK 73102
405-429-5720

MUD LOG

PML Exploration Services LLC
5601 NW 72nd St., Suite 354
Oklahoma City, OK 73132
UNIT # 34
MUDLOGGERS: Chris White / Brad Baram

CONTRACTOR

Unit Rig 310

ROCK TYPES

Anhy
Bent
Brec
Cht

Clyst
Coal
Congl
Dol

Gyp
Igne
Lmst
Meta

Mrlst
Salt
Shale
Shcol

Shgy
Sltst
Ss
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 TYPE

Earthy
Fenest
Fracture
Inter
Moldic
Organic
Pinpoint

Vuggy

SORTING

Well
Moderate
Poor

ROUNDING

Rounded
Subrnd
Subang
Angular

Spotted
Ques
Dead

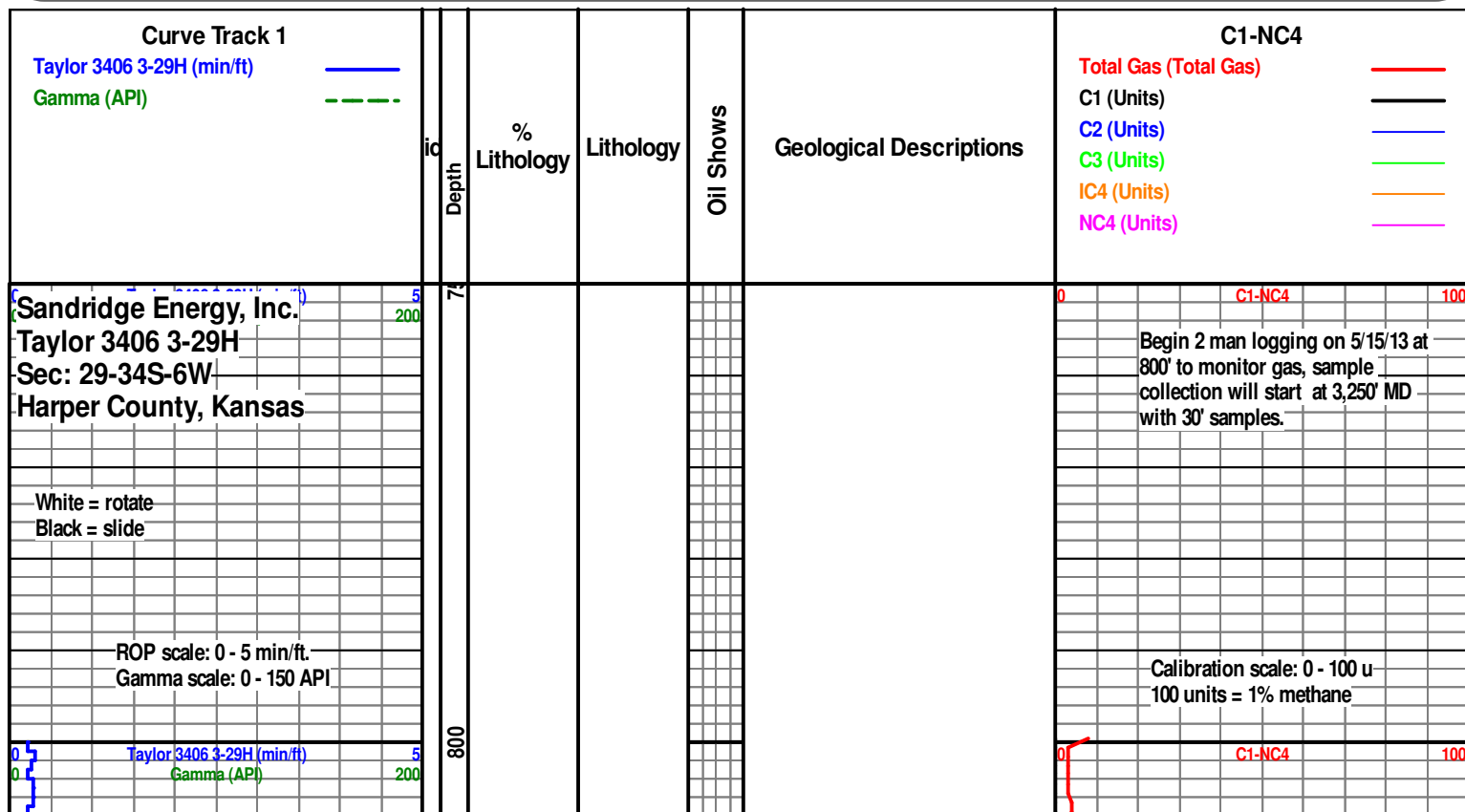
INTERVALS

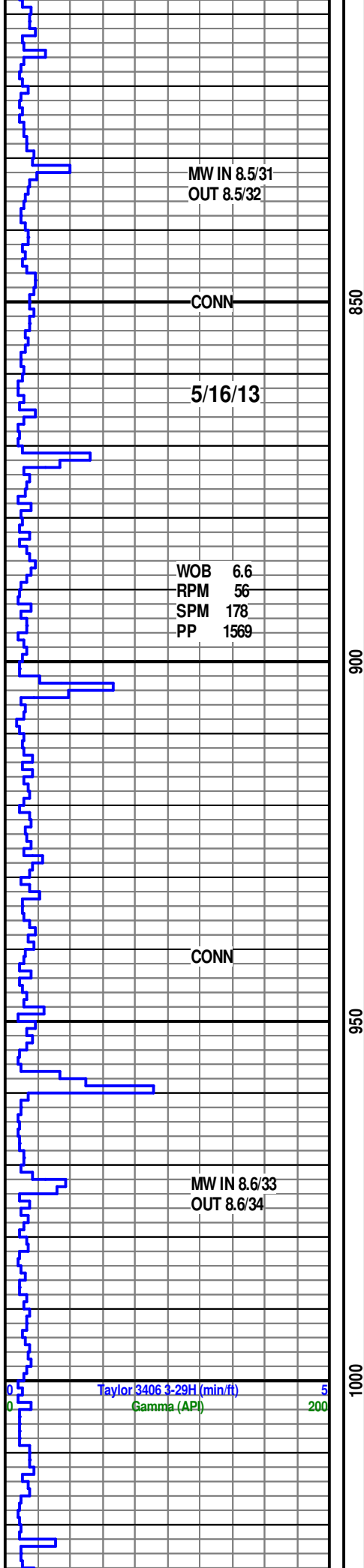
Core
Dst
Slide

EVENTS

Rft
Sidewall

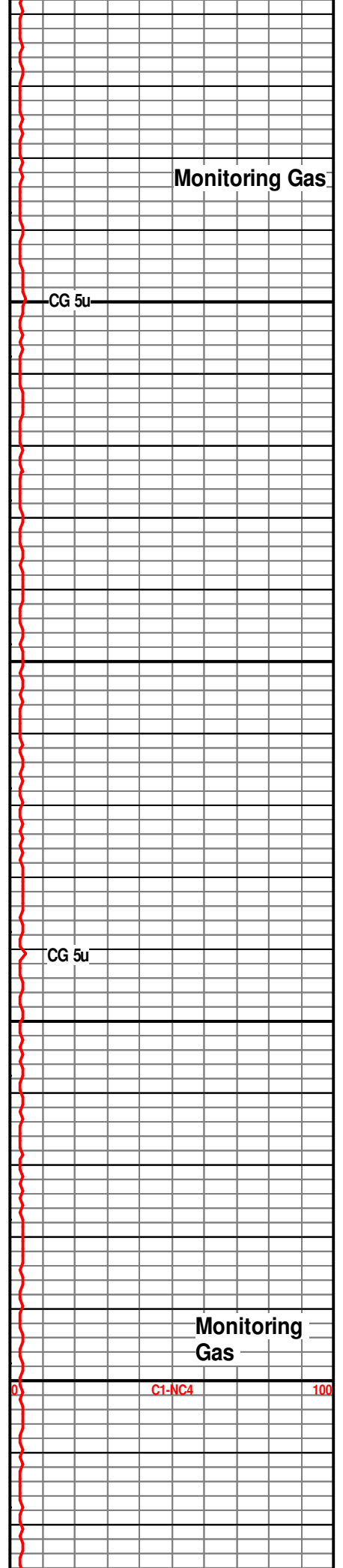
OIL SHOWS
Even

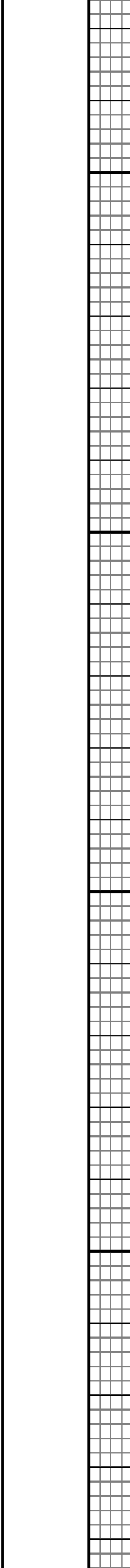
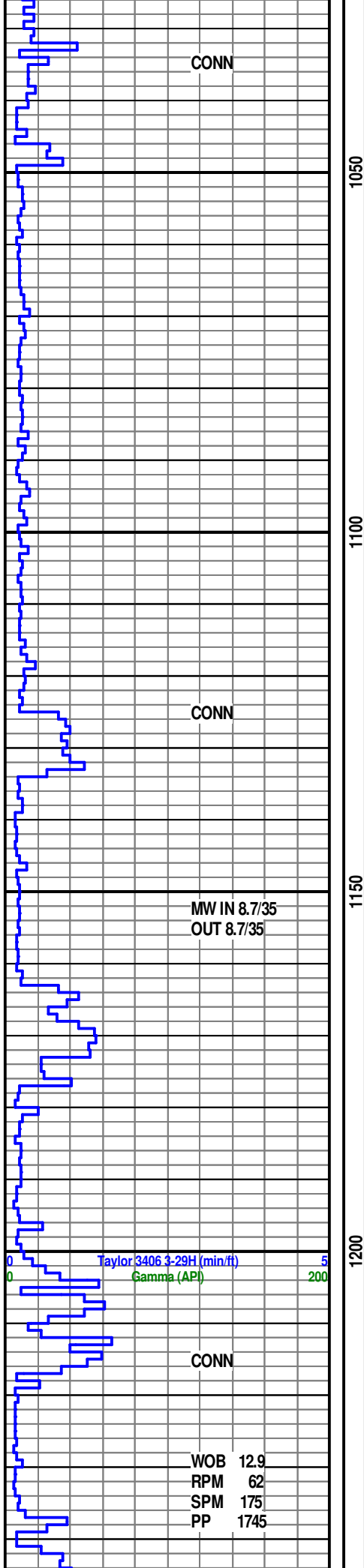




Sample collection to begin at 3,250' MD

Sample collection to begin at 3,250' MD

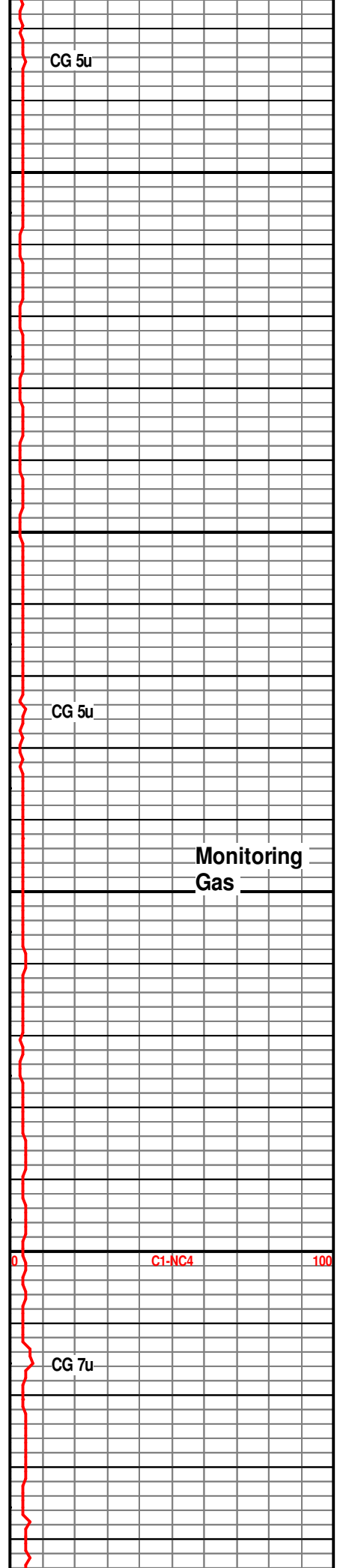


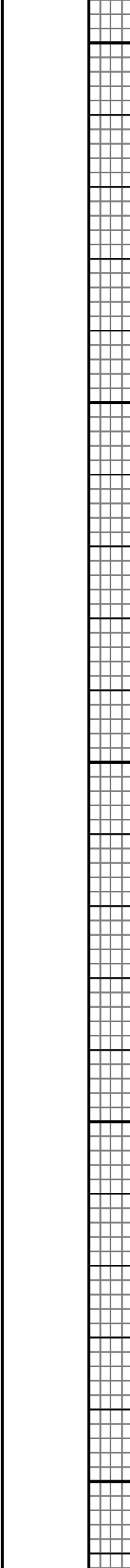
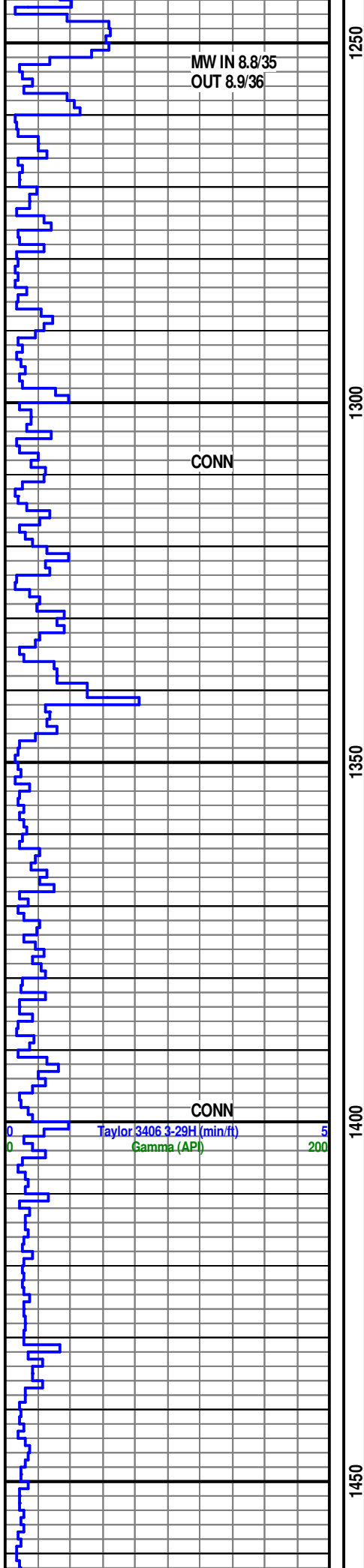


Sample collection to
begin at 3,250' MD

SD: 1095.00
Inc: 0.34
Azi: 162.77
TVD: 1094.98
VS: 0.34

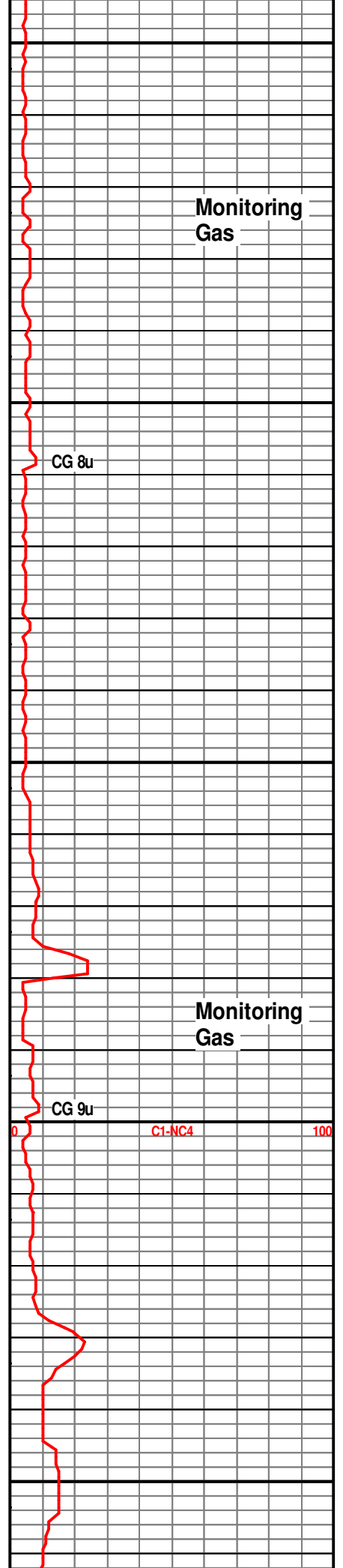
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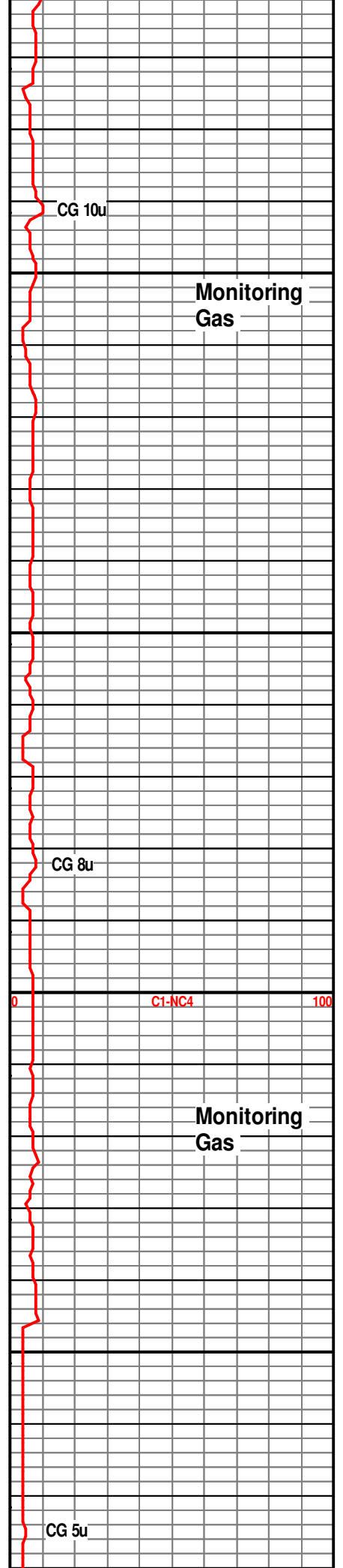
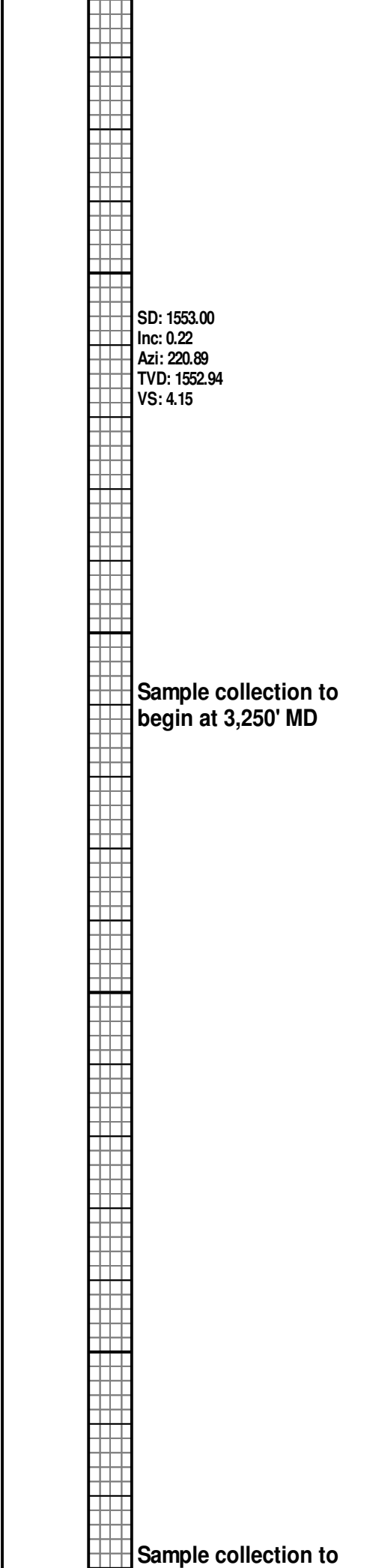
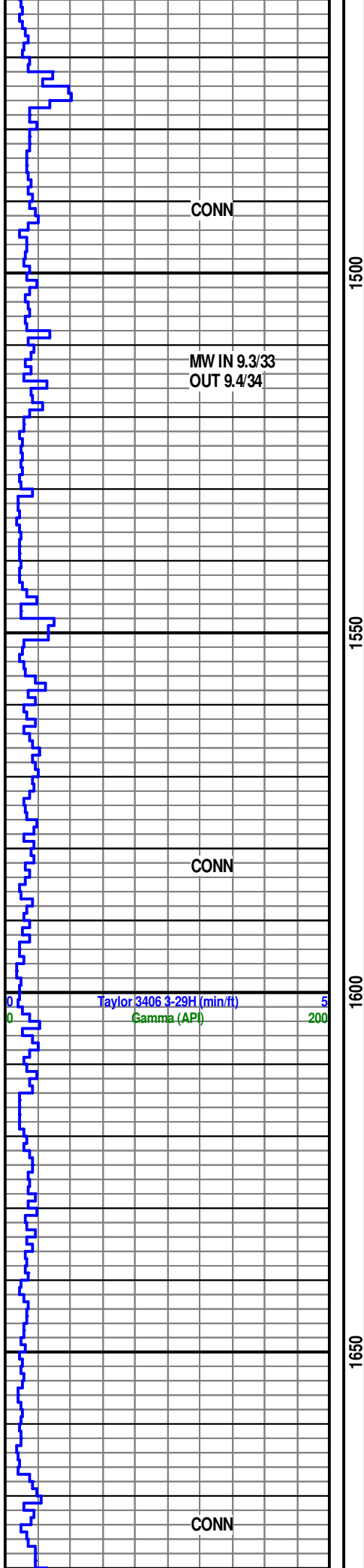


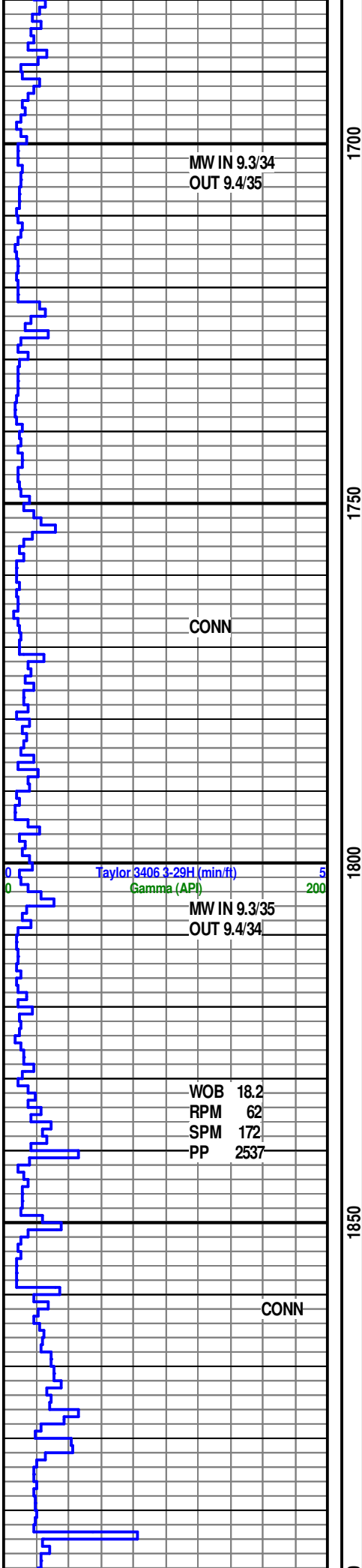


Sample collection to begin at 3,250' MD

Sample collection to begin at 3,250' MD







1700

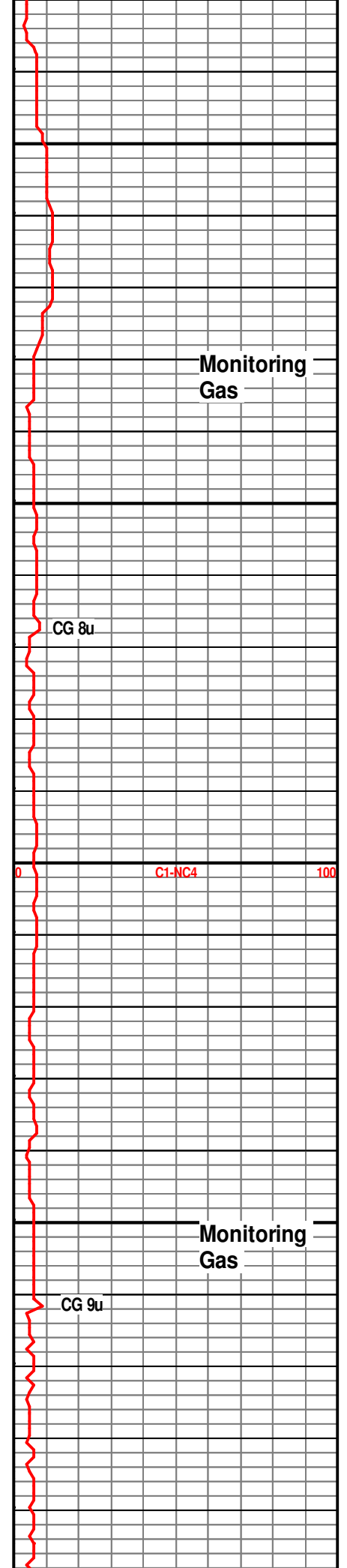
1750

1800

1850

begin at 3,250' MD

Sample collection to
begin at 3,250' MD



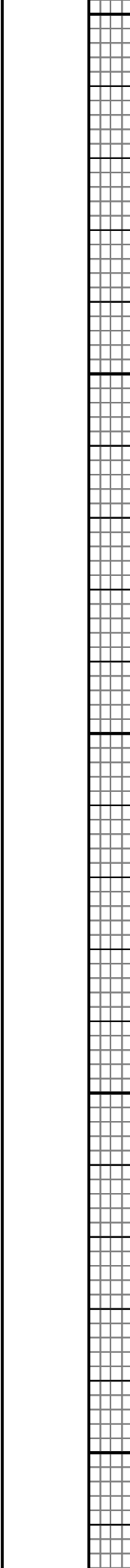
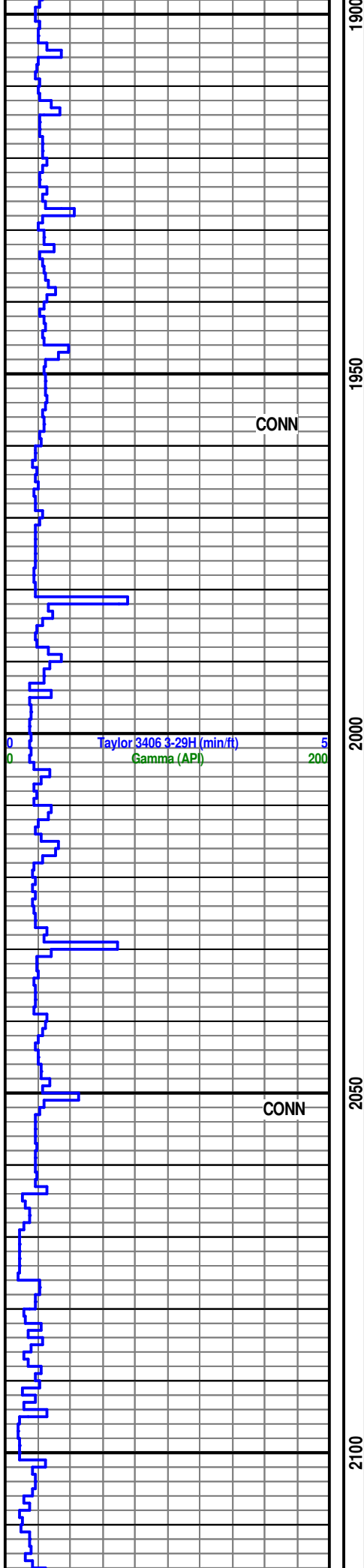
Monitoring
Gas

CG 8u

C1-NC4

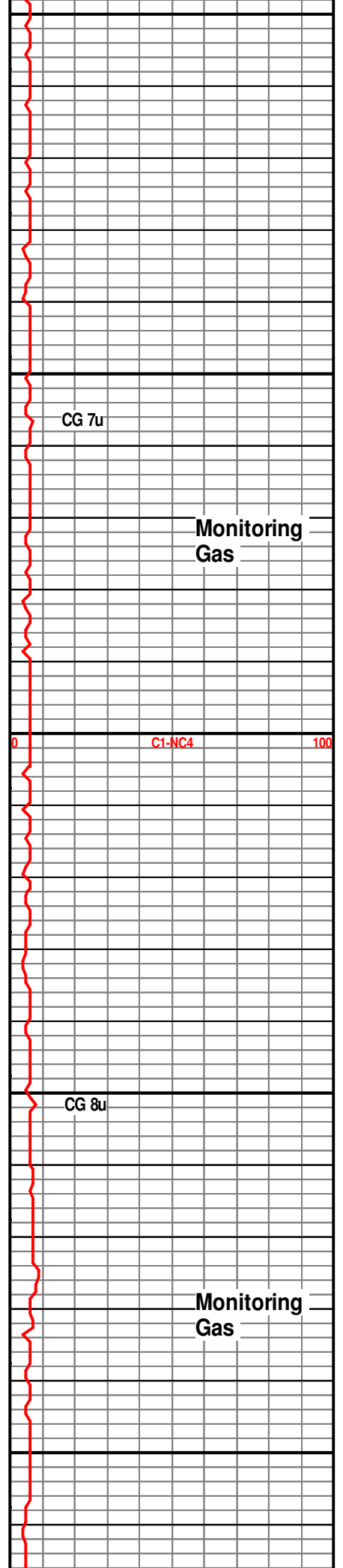
Monitoring
Gas

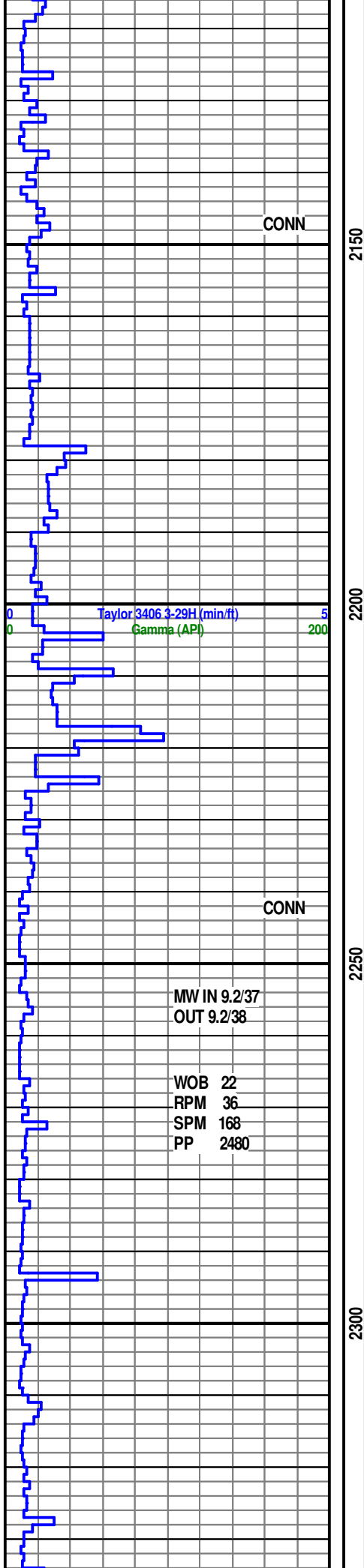
CG 9u



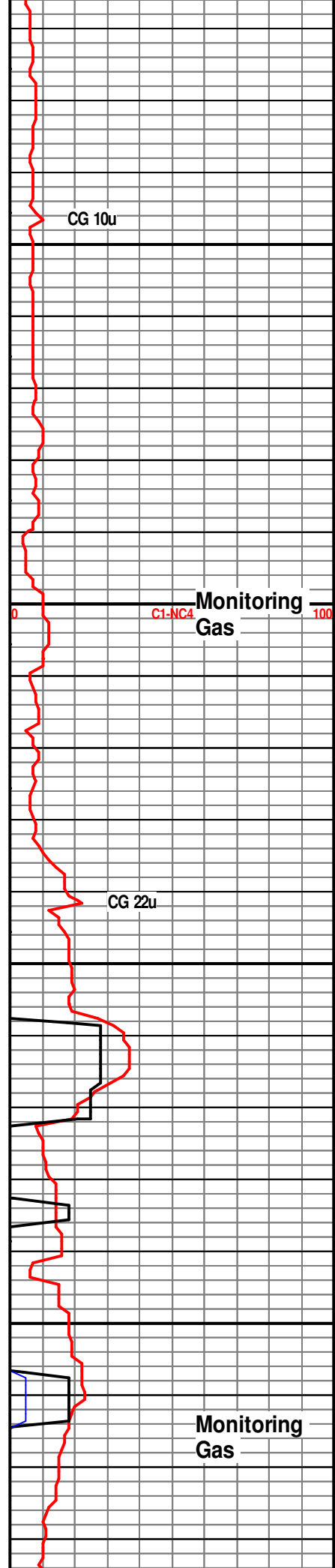
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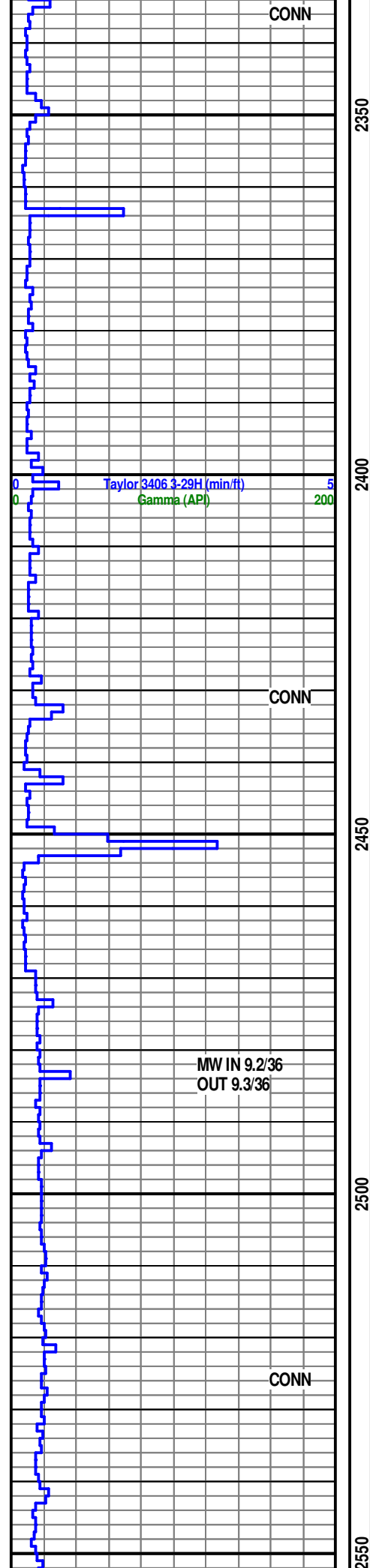
Sample collection to begin at 3,250' MD





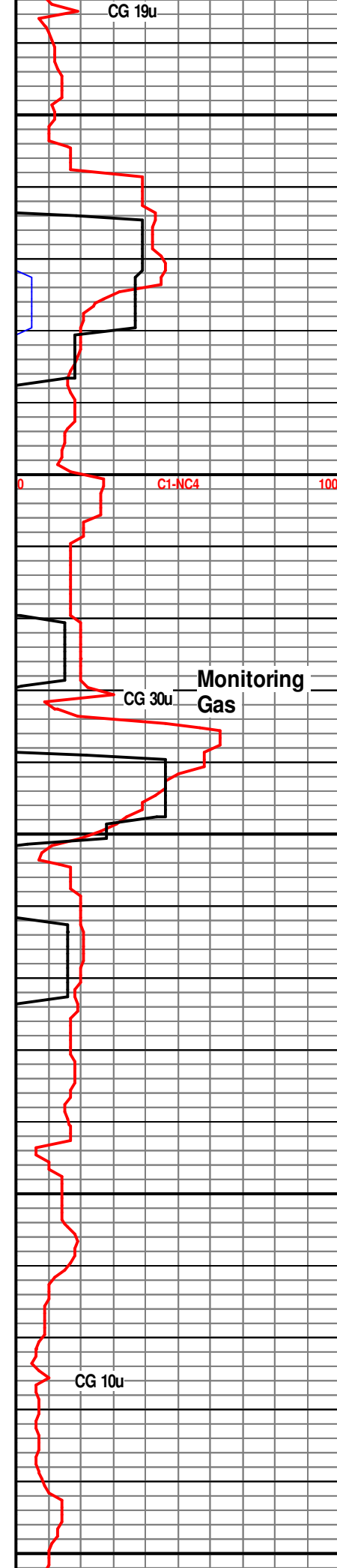
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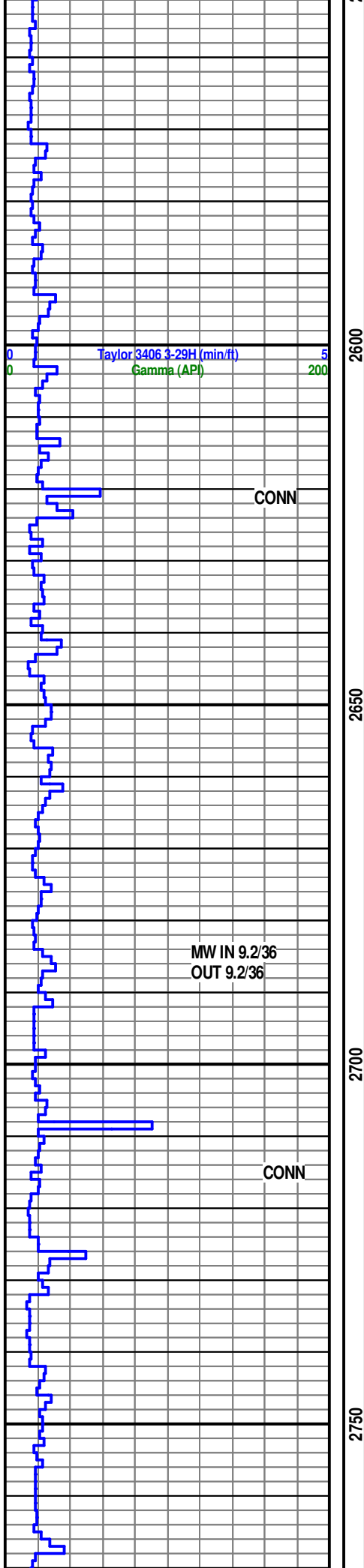




Sample collection to begin at 3,250' MD

Sample collection to begin at 3,250' MD





2600

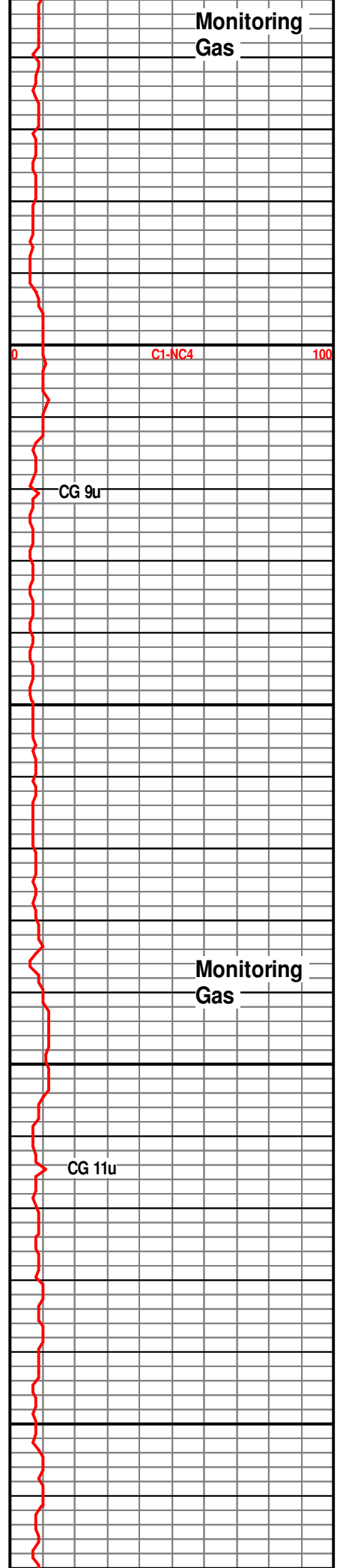
2650

2700

2750

Sample collection to begin at 3,250' MD

Sample collection to begin at 3,250' MD



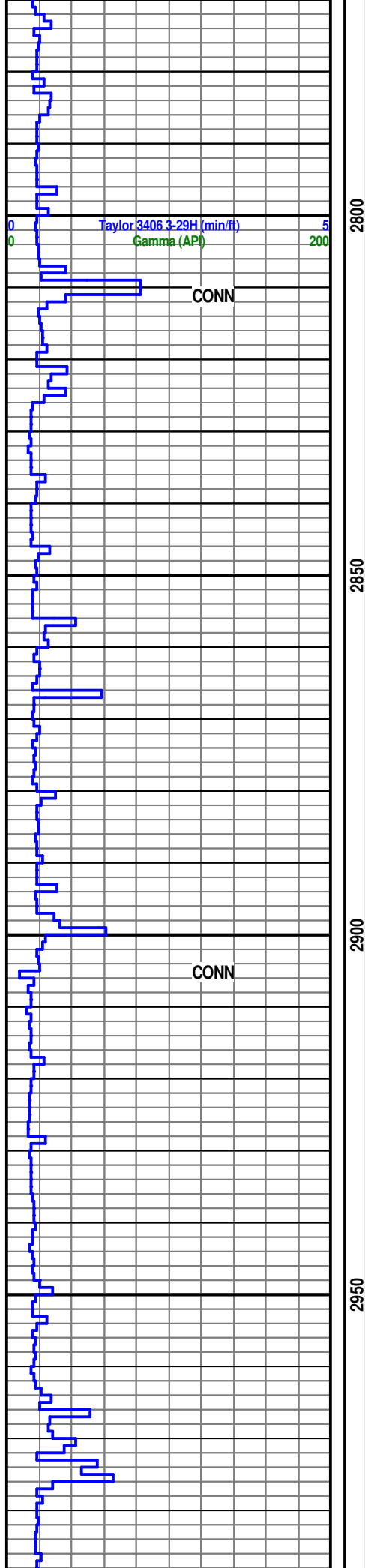
Monitoring Gas

C1-NC4

CG 9u

Monitoring Gas

CG 11u

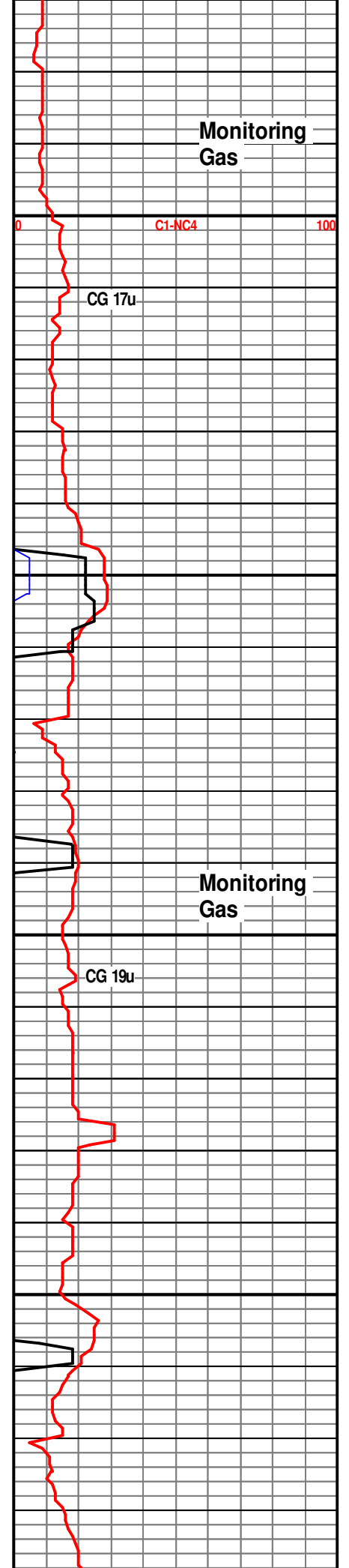


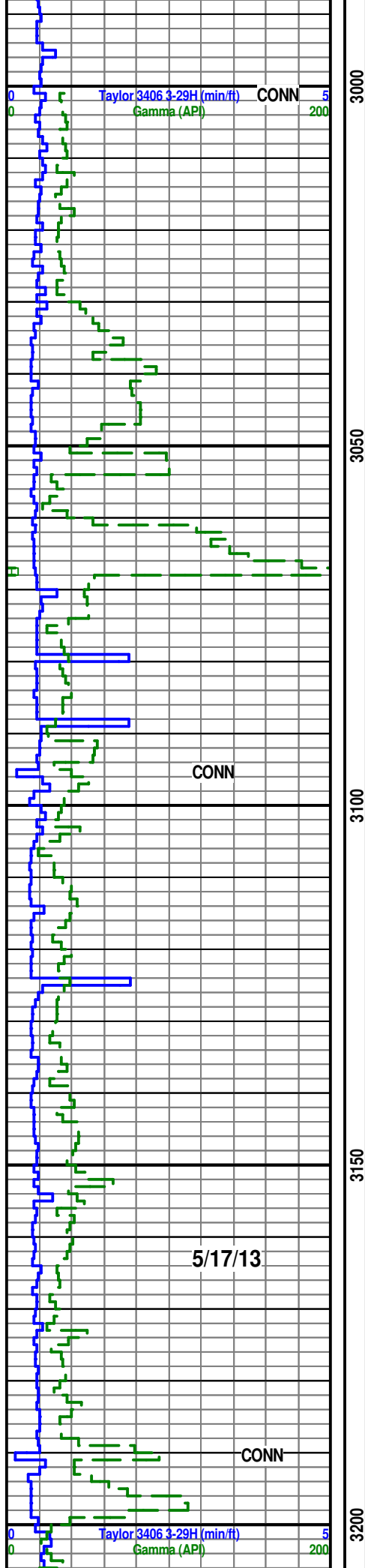
SD: 2781.00
Inc: 6.68
Azi: 6.55
TVD: 2777.03
VS: -75.04

SD: 2876.00
Inc: 6.24
Azi: 9.10
TVD: 2871.43
VS: -85.61

Sample collection to
begin at 3,250' MD

SD: 2971.00
Inc: 6.34
Azi: 10.17
TVD: 2965.86

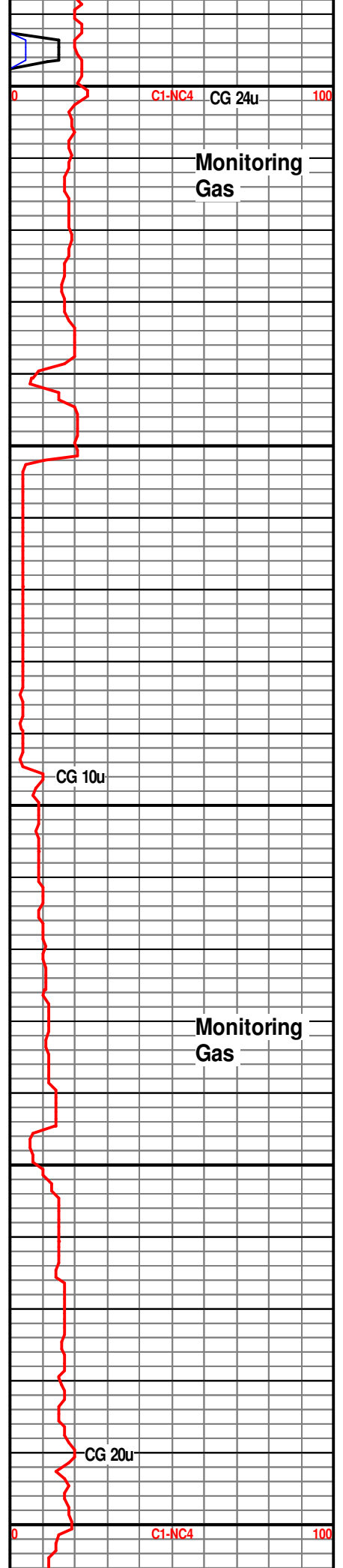




VS: -95.84

SD: 3066.00
Inc: 6.61
Azi: 11.51
TVD: 3060.25
VS: -106.33

SD: 3160.00
Inc: 5.96
Azi: 19.67
TVD: 3153.69
VS: -116.19



WOB 9.5
RPM 35
SPM 170
PP 2588

CONN

MW IN 8.7/38
OUT 8.7/38

CONN

Taylor 3400 3.29H (min/ft)
Gamma (API)

Sample collection to
begin at 3,250' MD

LS: 30% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 60% Blk-dk Gry,
sft-frm, sb plty-plty, intlam, dull;
SS: 10% mlky- Wht, m consol, f-m,
ang, srt; no fluor, no cut, no rng

SD: 3255.00
Inc: 5.49
Azi: 13.18
TVD: 3248.22
VS: -125.22

LS: 30% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 60% Blk-dk Gry,
sft-frm, sb plty-plty, intlam, dull;
SS: 10% mlky- Wht, m consol, f-m,
ang, srt; no fluor, no cut, no rng

SD: 3350.00
Inc: 5.81
Azi: 12.28
TVD: 3342.75
VS: -134.31

Base Heebner @ 3,347'
MD, 3,339' TVD

LS: 40% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 60% Blk-dk Gry,
sft-frm, sb plty-plty, intlam, dull; lt
YI fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 50% Blk-dk Gry,
sft-frm, sb plty-plty, intlam, dull; lt
YI fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 50% Blk-dk Gry,
sft-frm, sb plty-plty, intlam, dull; lt
YI fluor, no cut, no rng

Monitoring
Gas

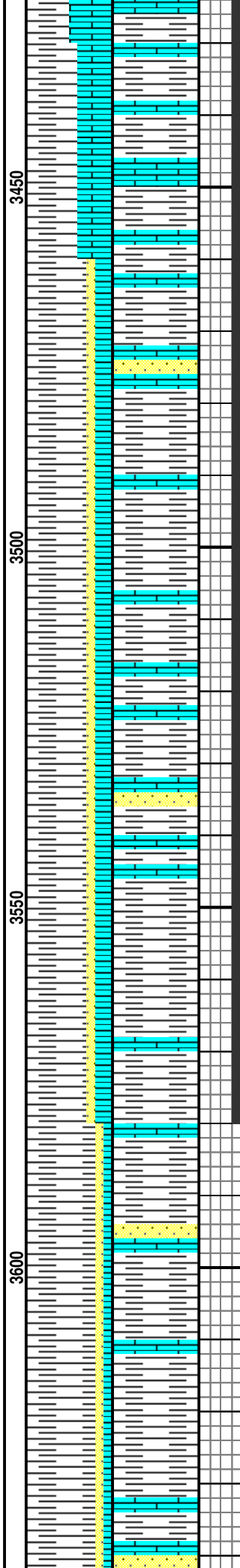
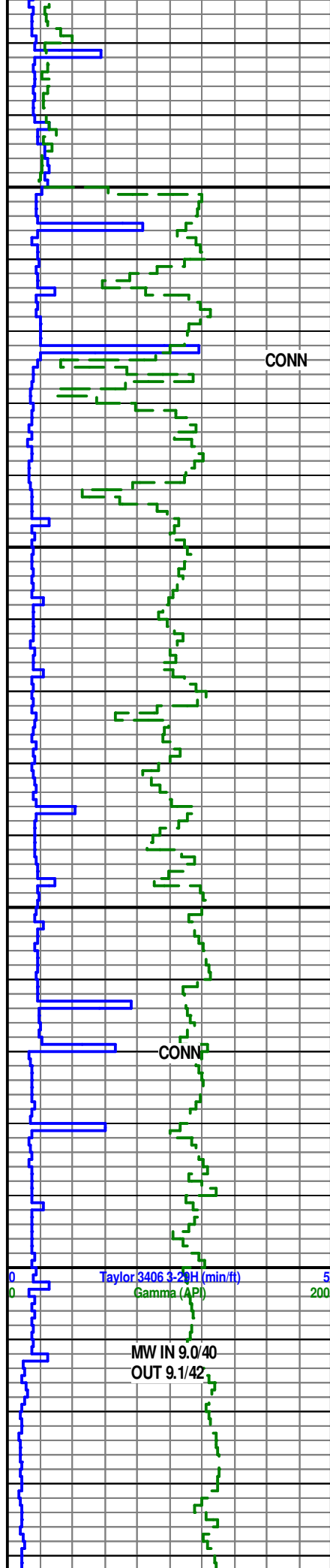
CG 32u

MAX GAS 164u

CG 52u

C1-NC4

100



SD: 3445.00
Inc: 4.16
Azi: 19.35
TVD: 3437.39
VS: -142.22

LS: 40% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 60% Blk-dk Gry,
sft-frm, sb plty-plty, intlam, dull; lt
YI fluor, no cut, no rng

LS: 20% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 70% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
SS: 10% mlky- Wht, m consol, f-m,
ang, srt; lt YI fluor, no cut, no rng

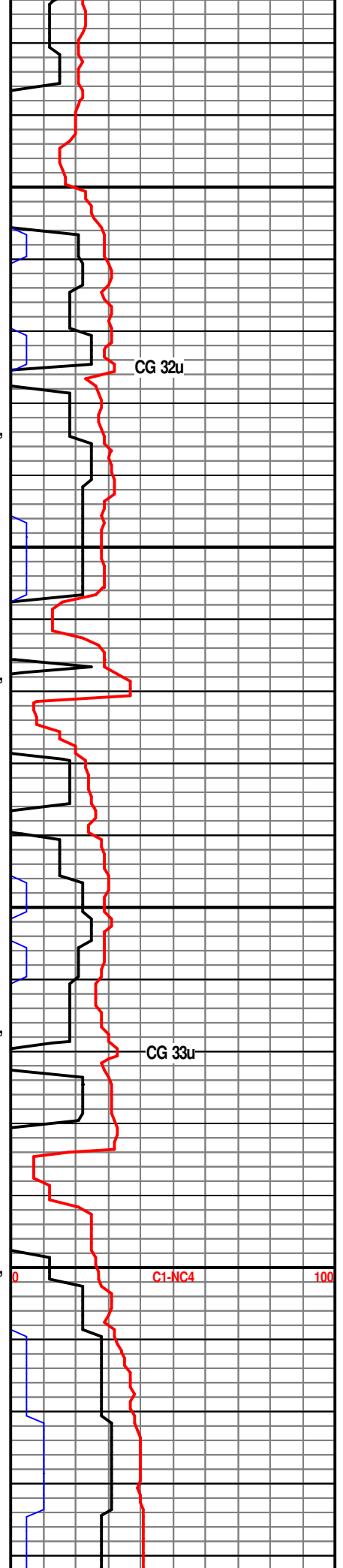
LS: 20% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 70% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
SS: 10% mlky- Wht, m consol, f-m,
ang, srt; lt YI fluor, no cut, no rng

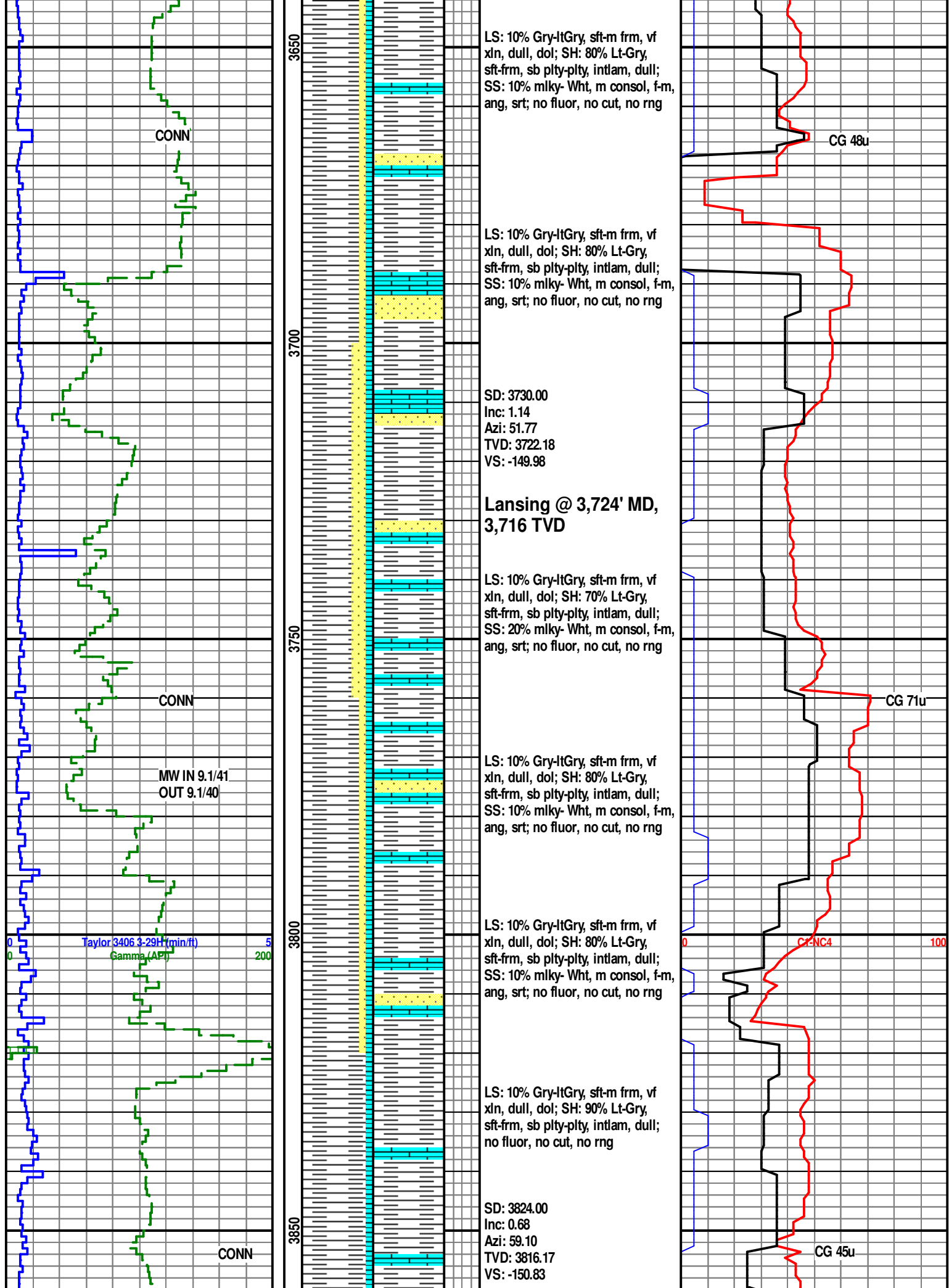
SD: 3540.00
Inc: 2.13
Azi: 36.58
TVD: 3532.25
VS: -146.86

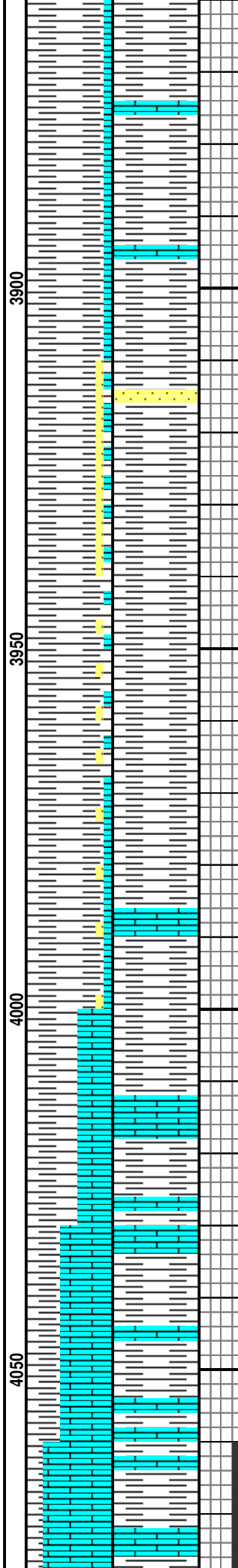
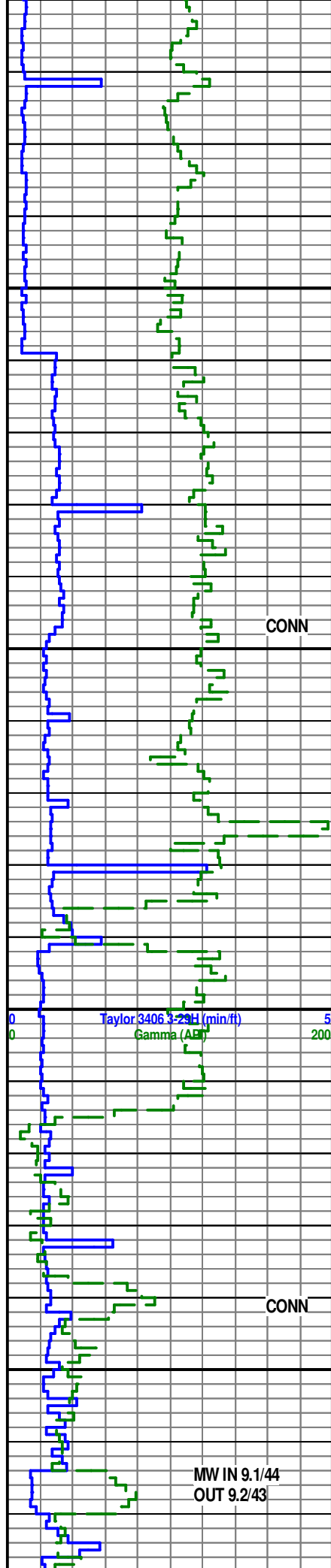
LS: 20% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 70% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
SS: 10% mlky- Wht, m consol, f-m,
ang, srt; lt YI fluor, no cut, no rng

LS: 10% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 80% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
SS: 10% mlky- Wht, m consol, f-m,
ang, srt; no fluor, no cut, no rng

SD: 3635.00
Inc: 1.28
Azi: 56.57
TVD: 3627.20
VS: -148.84







LS: 10% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

LS: 10% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

KOP FOR CURVE @ 3,909'

SD: 3919.00
Inc: 1.02
Azi: 134.01
TVD: 3911.16
VS: -150.51

LS: TR% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-Gry, sft-frm, sb plty-plty, intlam, dull; SS: 10% milky- Wht, m consol, f-m, ang, srt; no fluor, no cut, no rng

SD: 3950.00
Inc: 3.28
Azi: 152.01
TVD: 3942.14
VS: -149.53

LS: TR% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 100% Lt-Gry, sft-frm, sb plty-plty, intlam, dull; SS: TR% milky- Wht, m consol, f-m, ang, srt; no fluor, no cut, no rng

SD: 3982.00
Inc: 5.46
Azi: 156.79
TVD: 3974.04
VS: -147.31

LS: 10% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-Gry, sft-frm, sb plty-plty, intlam, dull; SS: TR% milky- Wht, m consol, f-m, ang, srt; no fluor, no cut, no rng

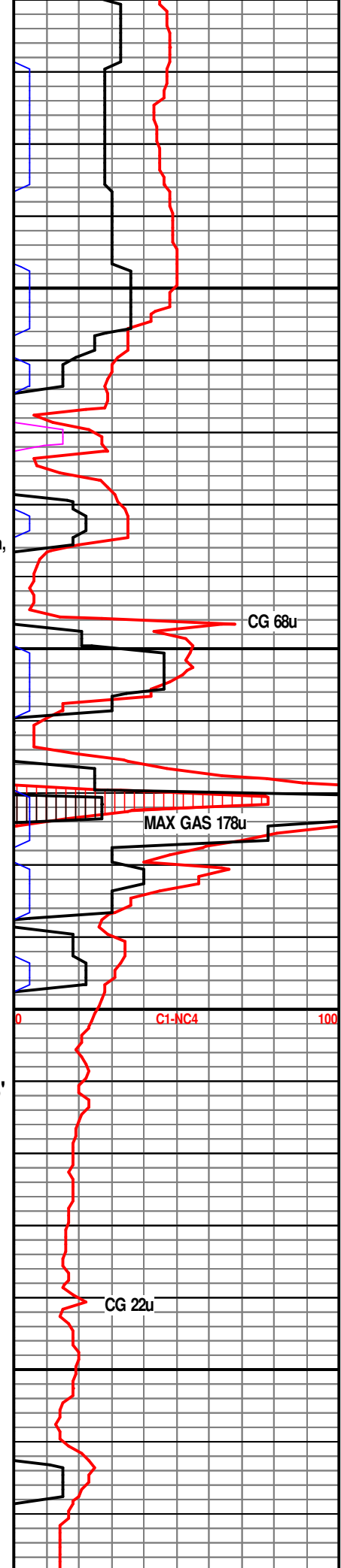
Cottage Grove @ 4,018' MD 4,009' TVD

LS: 40% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 60% Lt-Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

SD: 4046.00
Inc: 10.51
Azi: 160.43
TVD: 4037.43
VS: -139.15

LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 40% Lt-Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

SD: 4077.00
Inc: 13.27
Azi: 160.97
TVD: 4067.76
VS: -133.09



WOB 23
RPM 46
SPM 160
PP 3350

CONN

CONN

Taylor 3406 3-29H (min/ft)
Gamma (API)

4100

4150

4200

4250

LS: 80% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 20% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull; lt
Yl fluor, no cut, no rng

SD: 4108.00
Inc: 16.21
Azi: 163.77
TVD: 4097.74
VS: -125.53

LS: 70% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 30% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
no fluor, no cut, no rng

SD: 4140.00
Inc: 19.13
Azi: 165.34
TVD: 4128.23
VS: -116.13

LS: 30% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 70% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
no fluor, no cut, no rng

SD: 4170.00
Inc: 20.20
Azi: 165.24
TVD: 4157.42
VS: -106.01

LS: 50% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 50% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
no fluor, no cut, no rng

LS: 70% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 30% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull; lt
Yl fluor, no cut, no rng

SD: 4203.00
Inc: 21.82
Azi: 164.16
TVD: 4187.29
VS: -94.90

LS: 60% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 40% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
no fluor, no cut, no rng

SD: 4234.00
Inc: 24.04
Azi: 163.84
TVD: 4215.84
VS: -83.24

LS: 50% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 50% Lt-Gry,
sft-frm, sb plty-plty, intlam, dull;
no fluor, no cut, no rng

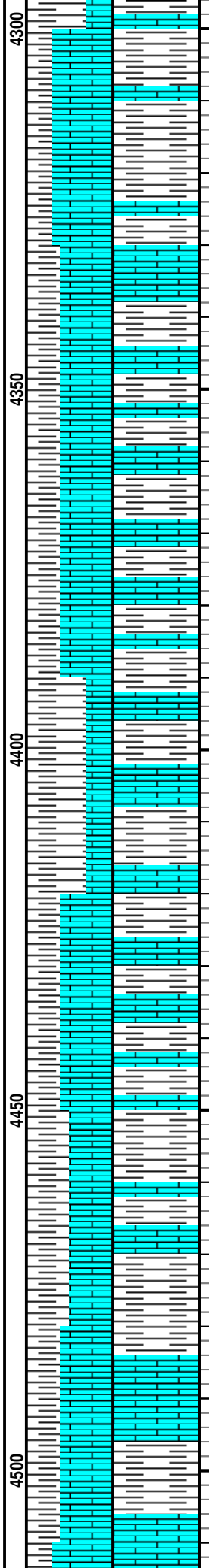
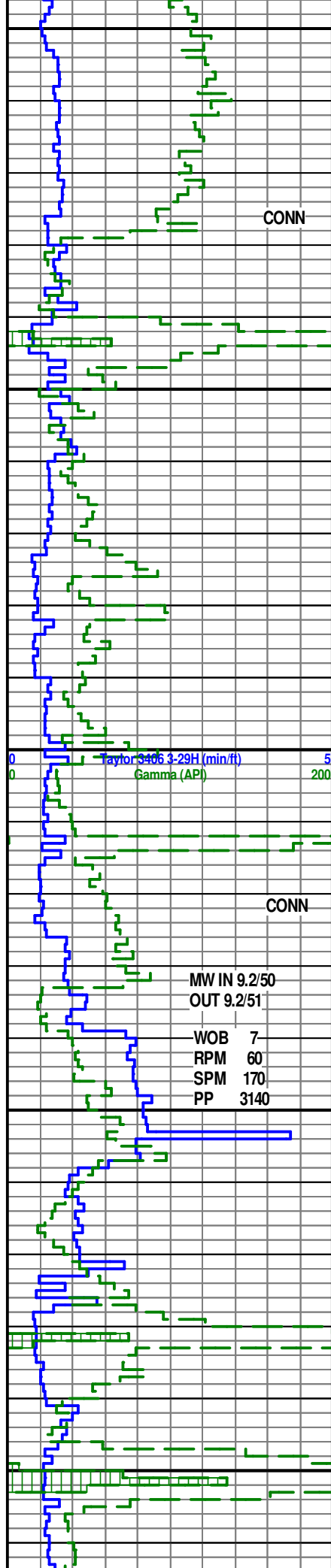
LS: 30% Gry-ltGry, sft-m frm, vf
xln, dull, dol; SH: 70% Lt-Gry, lt
brn, sft-frm, sb plty-plty, intlam,
dull; lt Yl fluor, no cut, no rng

SD: 4297.00
Inc: 26.62

CG 38u

MAX GAS 151u

CG 20u



Azi: 163.80
TVD: 4272.78
VS: -57.25

LS: 70% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 30% Lt-Gry, lt brn, sft-frm, sb plty-plty, intlam, dull; lt YI fluor, no cut, no rng

SD: 4329.00
Inc: 28.73
Azi: 164.49
TVD: 4301.12
VS: -42.90

LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 40% Lt-Gry, lt brn, sft-frm, sb plty-plty, intlam, dull; lt YI fluor, no cut, no rng

SD: 4360.00
Inc: 31.10
Azi: 165.43
TVD: 4327.99
VS: -27.91

LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 40% Lt-Gry, lt brn, sft-frm, sb plty-plty, intlam, dull; lt YI fluor, no cut, no rng

SD: 4392.00
Inc: 33.32
Azi: 166.26
TVD: 4355.06
VS: -11.31

**Oswego @ 4,413' MD
4,372' TVD**

LS: 30% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 70% Lt-Gry, lt brn, sft-frm, sb plty-plty, intlam, dull; lt YI fluor, no cut, no rng

LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 40% Lt-Gry, lt brn, sft-frm, sb plty-plty, intlam, dull; lt YI fluor, no cut, no rng

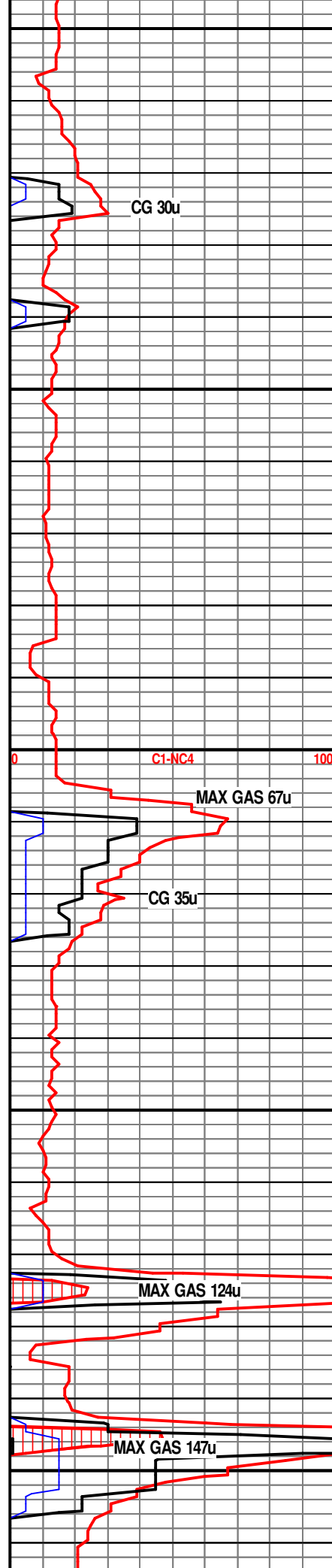
SD: 4455.00
Inc: 38.31
Azi: 166.07
TVD: 4406.26
VS: 24.43

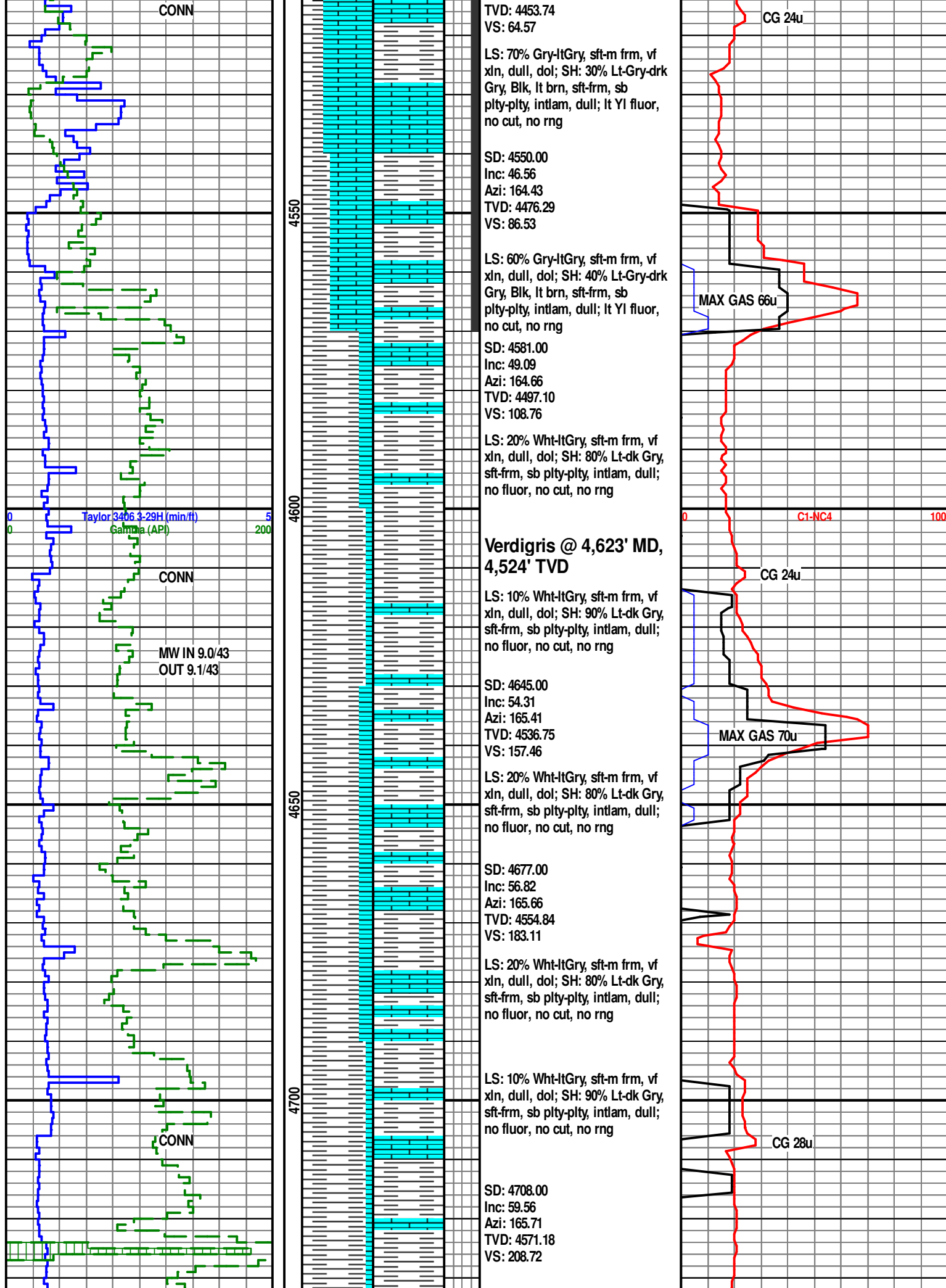
LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 50% Lt-Gry-drk Gry, Blk, lt brn, sft-frm, sb plty-plty, intlam, dull; lt YI fluor, no cut, no rng

**Cherokee @ 4,482' MD
4,427' TVD**

LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 40% Lt-Gry-drk Gry, Blk, lt brn, sft-frm, sb plty-plty, intlam, dull; lt YI fluor, no cut, no rng

SD: 4518.00
Inc: 43.81
Azi: 164.56





5/18/13

Taylor 3-291 (CONN)
Gamma (API)

MWIN 9.0/41
OUT 9.1/42

CONN

4750
4800
4850
4900
50

SD: 4740.00
Inc: 62.63
Azi: 165.72
TVD: 4586.65
VS: 235.97

LS: 10% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

SD: 4772.00
Inc: 65.67
Azi: 165.93
TVD: 4600.60
VS: 263.98

LS: 10% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

SD: 4803.00
Inc: 68.64
Azi: 166.06
TVD: 4612.63
VS: 291.80

LS: 20% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 80% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

SD: 4867.00
Inc: 73.59
Azi: 165.72
TVD: 4633.43
VS: 350.68

LS: 10% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

SD: 4898.00
Inc: 76.17
Azi: 165.90
TVD: 4641.52
VS: 379.80

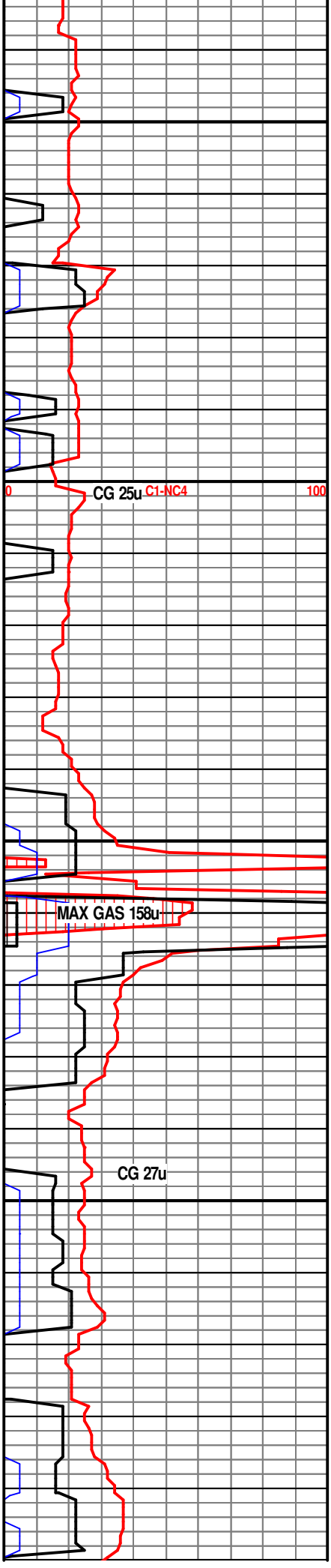
LS: 10% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

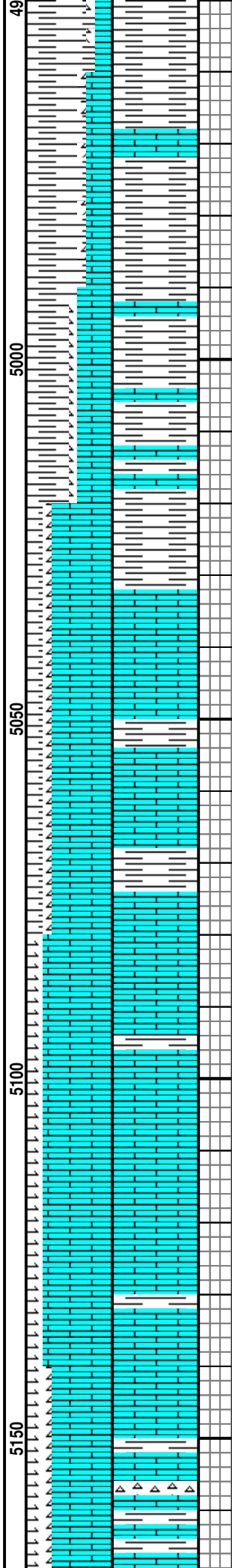
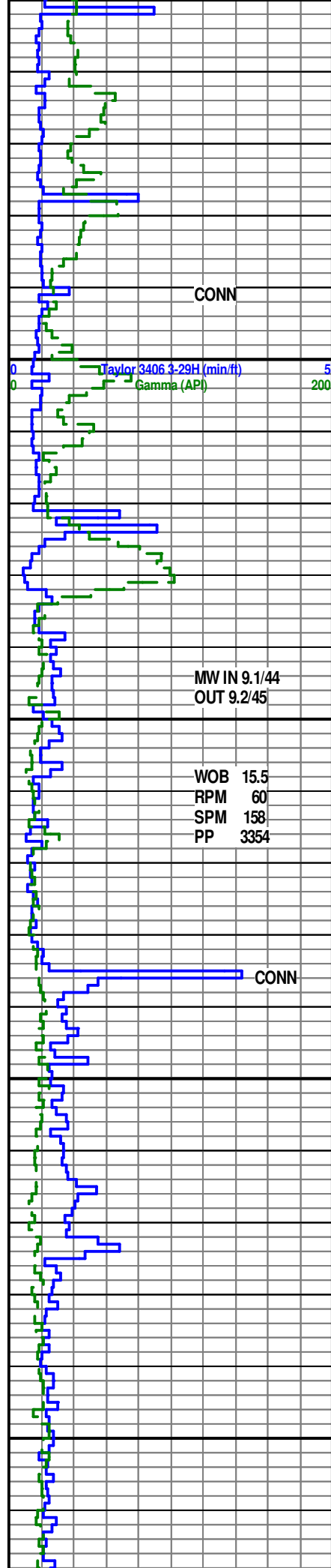
LS: 10% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 90% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

SD: 4930.00
Inc: 78.22
Azi: 166.46
TVD: 4648.61
VS: 410.20

Mississippi Lime @
4,945' MD, 4,652' TVD

LS: 20% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 80% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull;





CHRT: TR% Wht, frm-hrd, plty; no fluor, no cut, no rng

SD: 4961.00
Inc: 80.16
Azi: 166.67
TVD: 4654.42
VS: 439.92
LS: 30% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 70% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: TR% Wht, frm-hrd, plty; no fluor, no cut, no rng

SD: 4993.00
Inc: 82.56
Azi: 166.88
TVD: 4659.23
VS: 470.81
LS: 40% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 50% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 10% Wht, frm-hrd, plty; no fluor, no cut, no rng

LS: 70% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 20% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 10% Wht, frm-hrd, plty; no fluor, no cut, no rng

SD: 5056.00
Inc: 85.41
Azi: 166.27
TVD: 4665.16
VS: 531.97

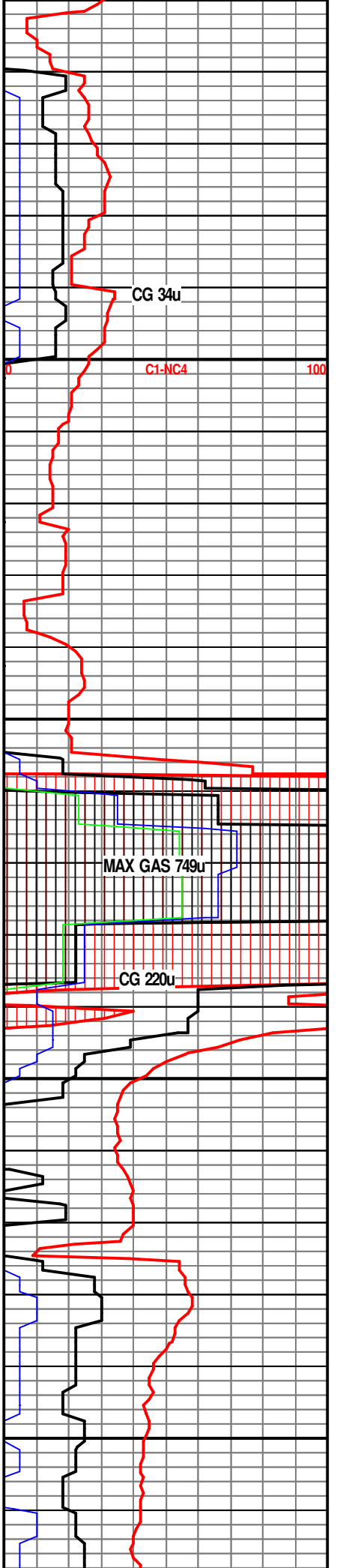
LS: 70% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 30% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; no fluor, no cut, no rng

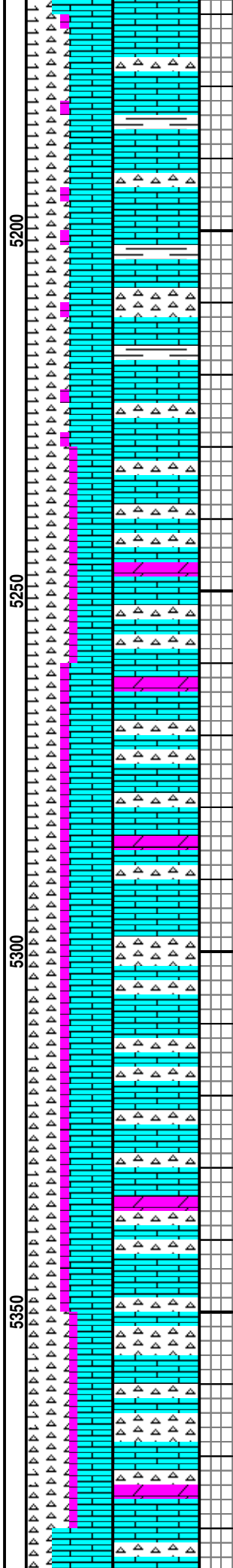
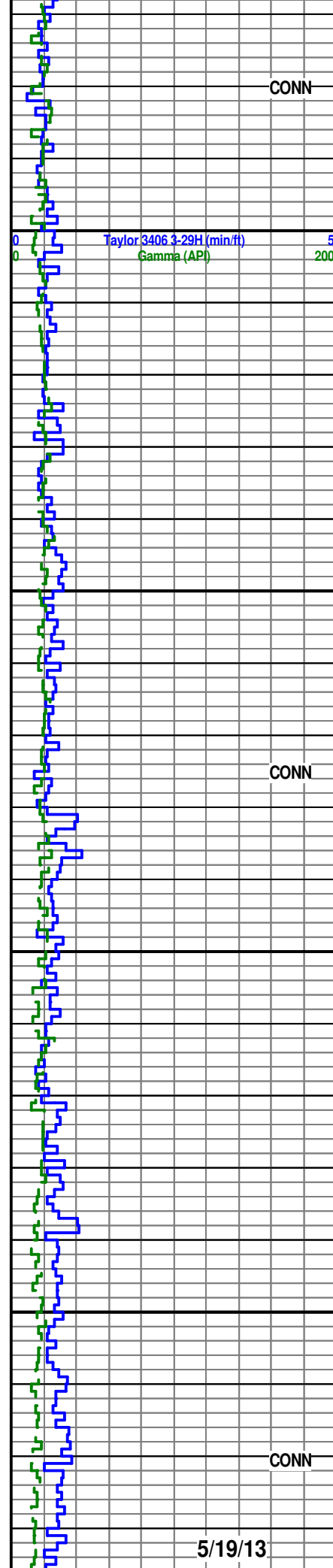
LS: 80% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 10% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

LS: 80% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 10% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

SD: 5151.00
Inc: 85.29
Azi: 165.98
TVD: 4672.86
VS: 624.22

LS: 70% Wht-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Lt-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 20% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng





LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; DOL: TR% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, no fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; DOL: TR% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, no fluor, no cut, no rng

SD: 5246.00
Inc: 85.32
Azi: 165.88
TVD: 4680.64
VS: 716.39

LS: 40% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, no fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 30% Wht, frm-hrd, plty, no fluor, no cut, no rng

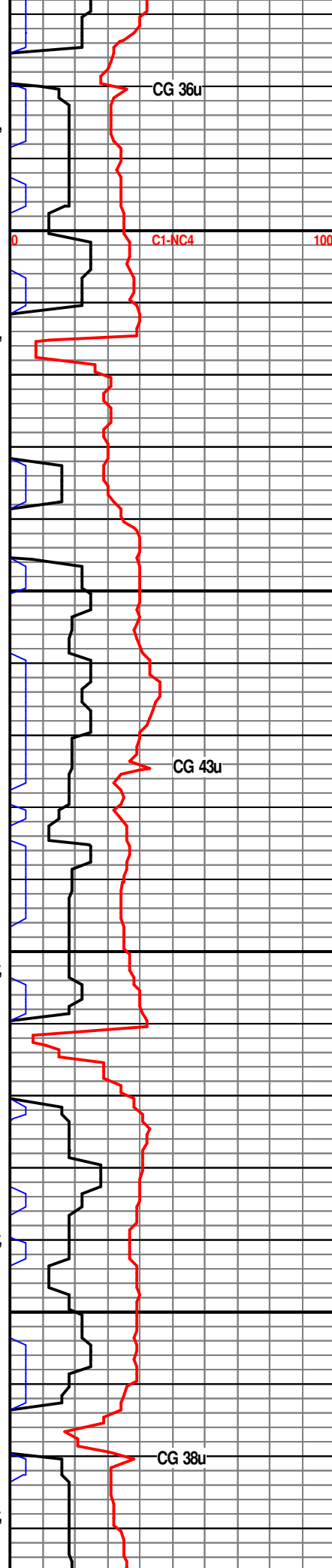
LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; DOL: 30% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, no fluor, no cut, no rng

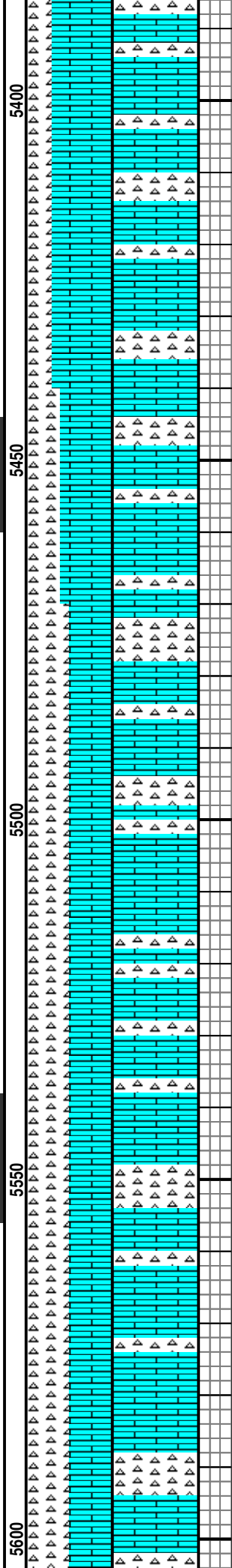
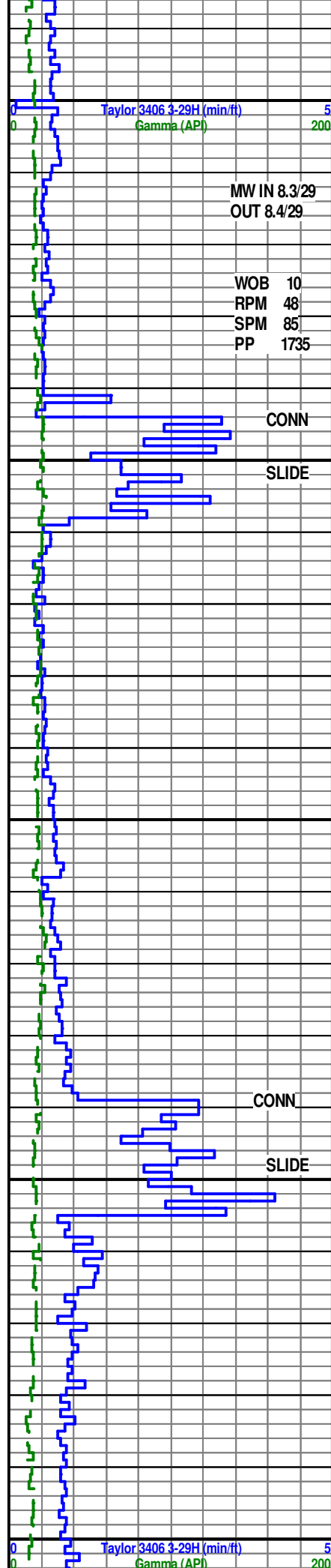
SD: 5340.00
Inc: 86.74
Azi: 166.90
TVD: 4687.15
VS: 807.84

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, no fluor, no cut, no rng

SD: 5370.00
Inc: 88.31
Azi: 167.58
TVD: 4688.44
VS: 837.17

LS: 40% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; DOL: 10% off Wht, lt Brn, frm-hrd,





blky dull; CHRT: 50% Wht,
frm-hrd, plty; no fluor, w/ LS, Pry
incl, no cut, no rng

**TD @ 5,400' MD for
Intermediate Casing**

SD: 5409.00
Inc: 90.22
Azi: 167.85
TVD: 4688.94
VS: 875.39

LS: 70% Wht-ItGry, sft-m frm, vf
xln, dull, dol; CHRT: 30% Wht,
frm-hrd, plty; no fluor, no cut, no
rng

LS: 70% Wht-ItGry, sft-m frm, vf
xln, dull, dol; CHRT: 30% Wht,
frm-hrd, plty; no fluor, no cut, no
rng

LS: 60% Wht-ItGry, sft-m frm, vf
xln, dull, dol; CHRT: 40% Wht,
frm-hrd, plty; no fluor, no cut, no
rng

LS: 50% Wht-ItGry, sft-m frm, vf
xln, dull, dol; CHRT: 50% Wht,
frm-hrd, plty; no fluor, no cut, no
rng

SD: 5504.00
Inc: 90.37
Azi: 170.22
TVD: 4688.45
VS: 968.90

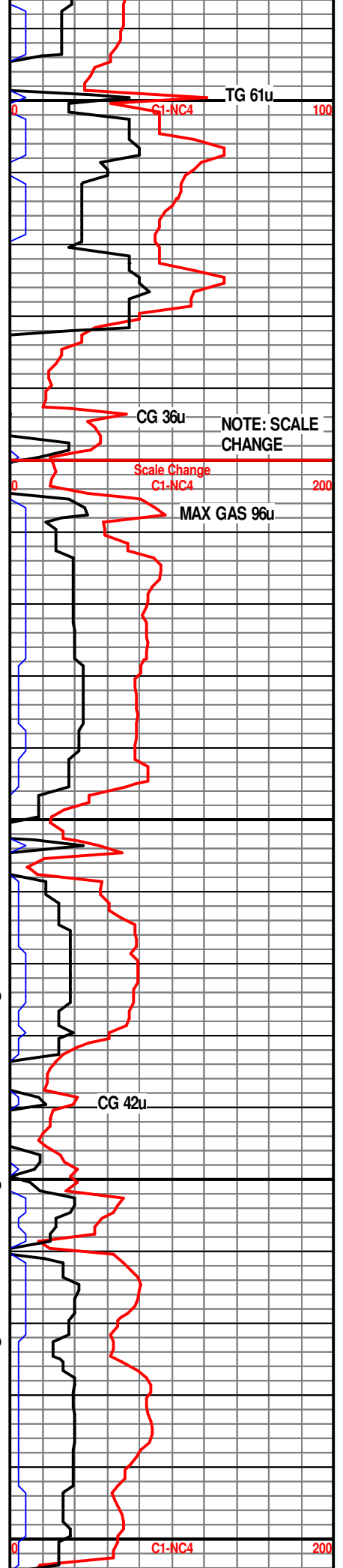
LS: 50% Wht-ItGry, sft-m frm, vf
xln, dull, dol; CHRT: 50% Wht,
frm-hrd, plty; It YI fluor, no cut, no
rng

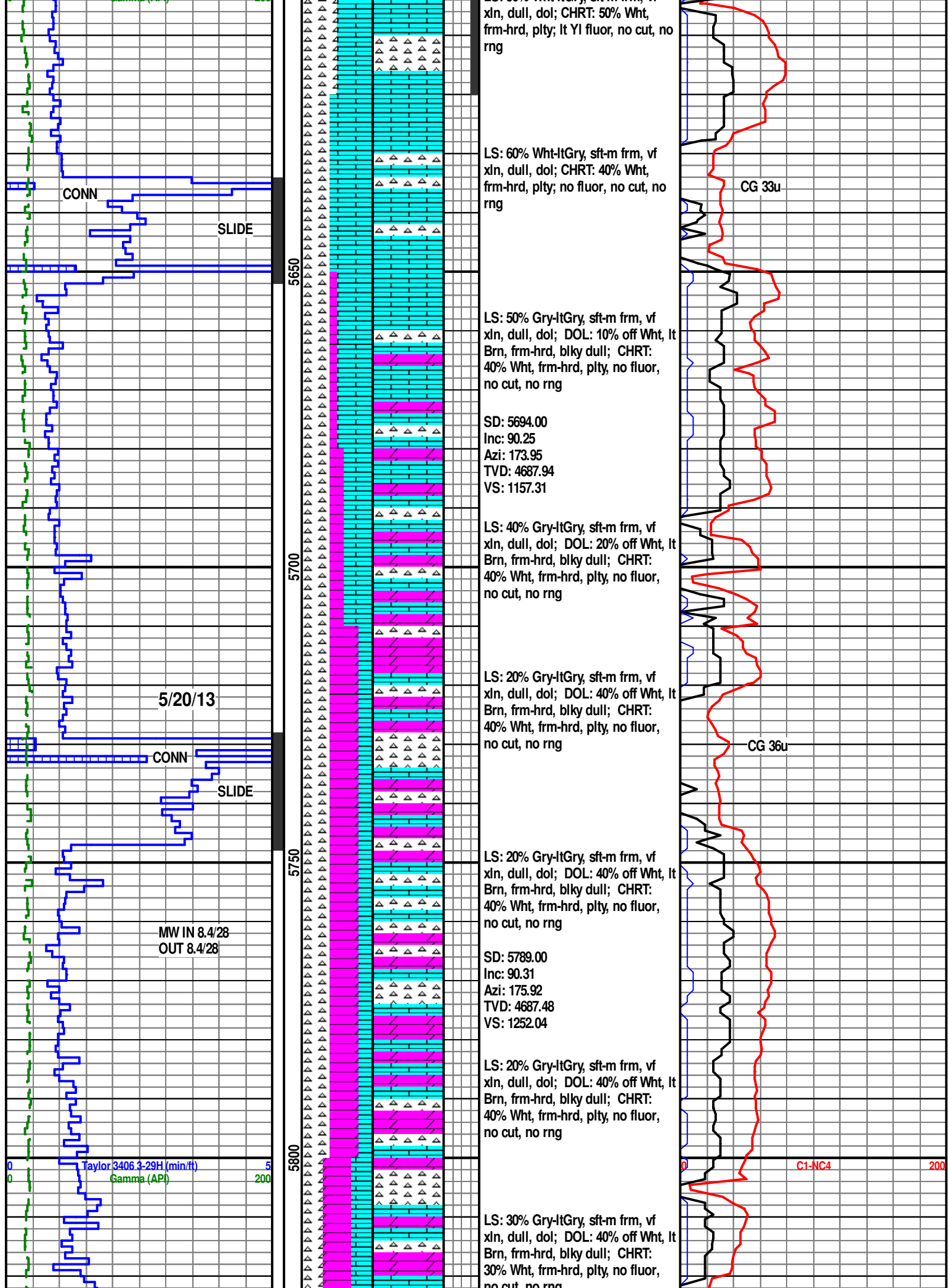
LS: 50% Wht-ItGry, sft-m frm, vf
xln, dull, dol; CHRT: 50% Wht,
frm-hrd, plty; It YI fluor, no cut, no
rng

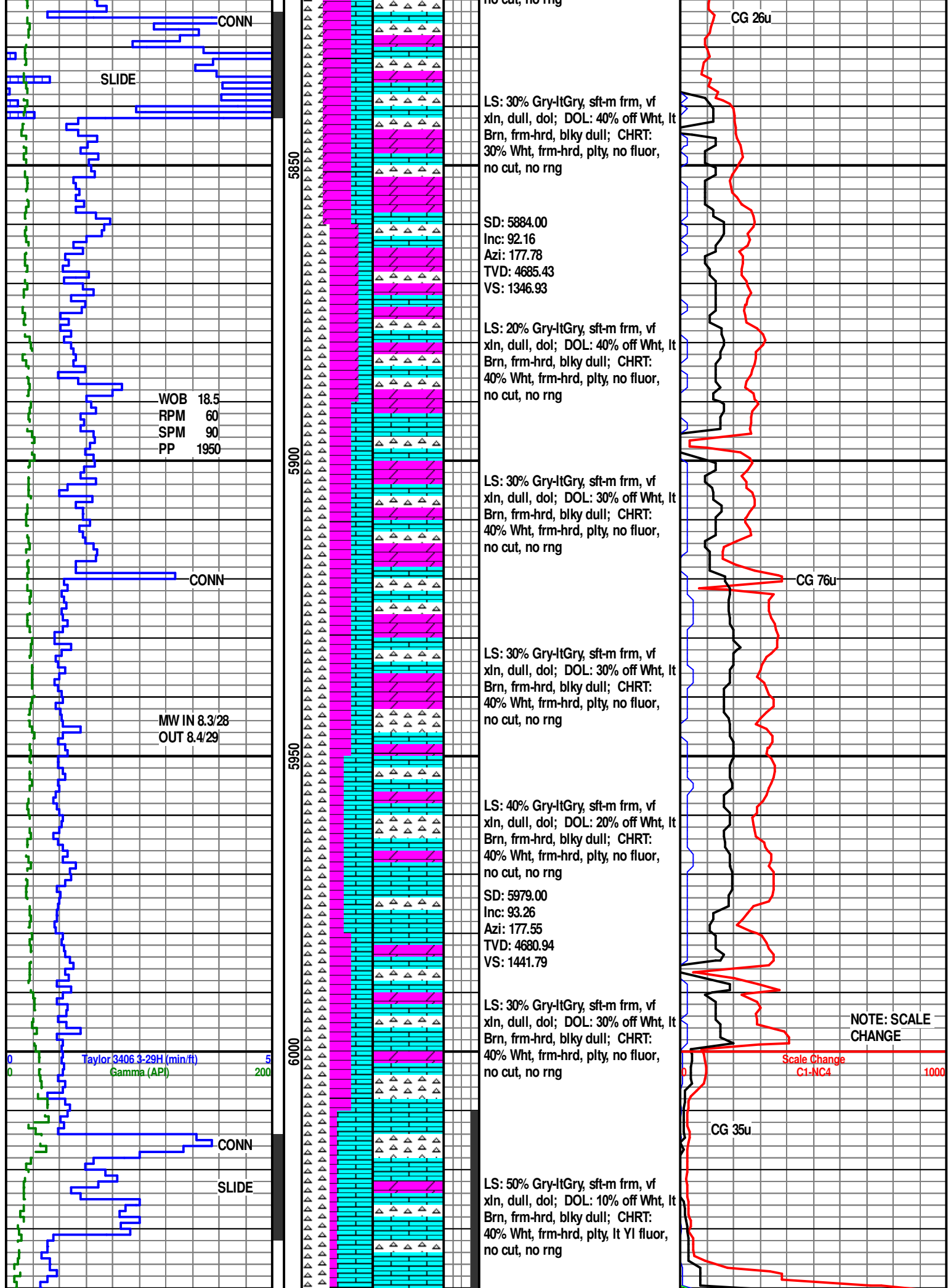
LS: 50% Wht-ItGry, sft-m frm, vf
xln, dull, dol; CHRT: 50% Wht,
frm-hrd, plty; It YI fluor, no cut, no
rng

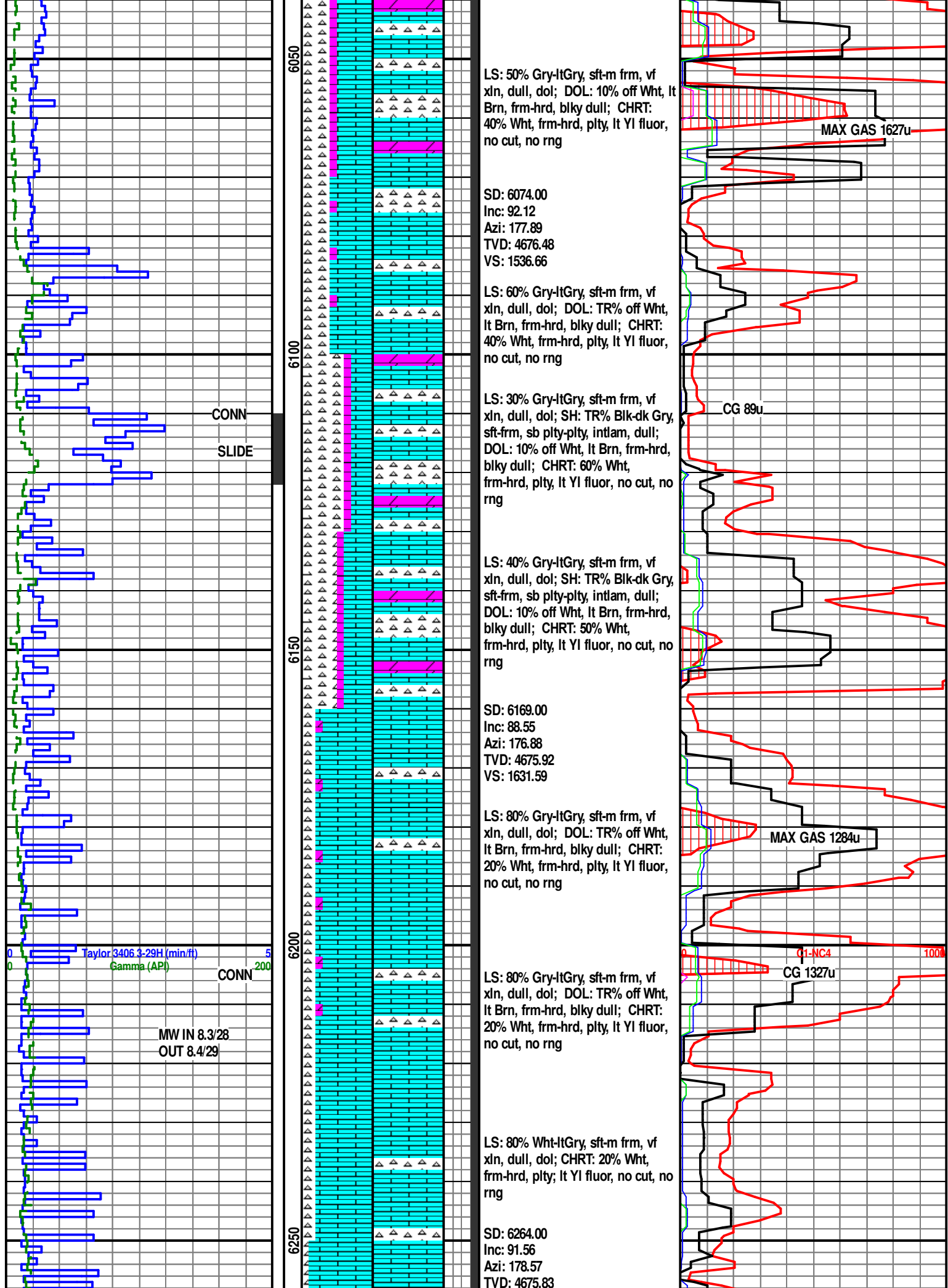
SD: 5599.00
Inc: 90.00
Azi: 171.55
TVD: 4688.15
VS: 1062.91

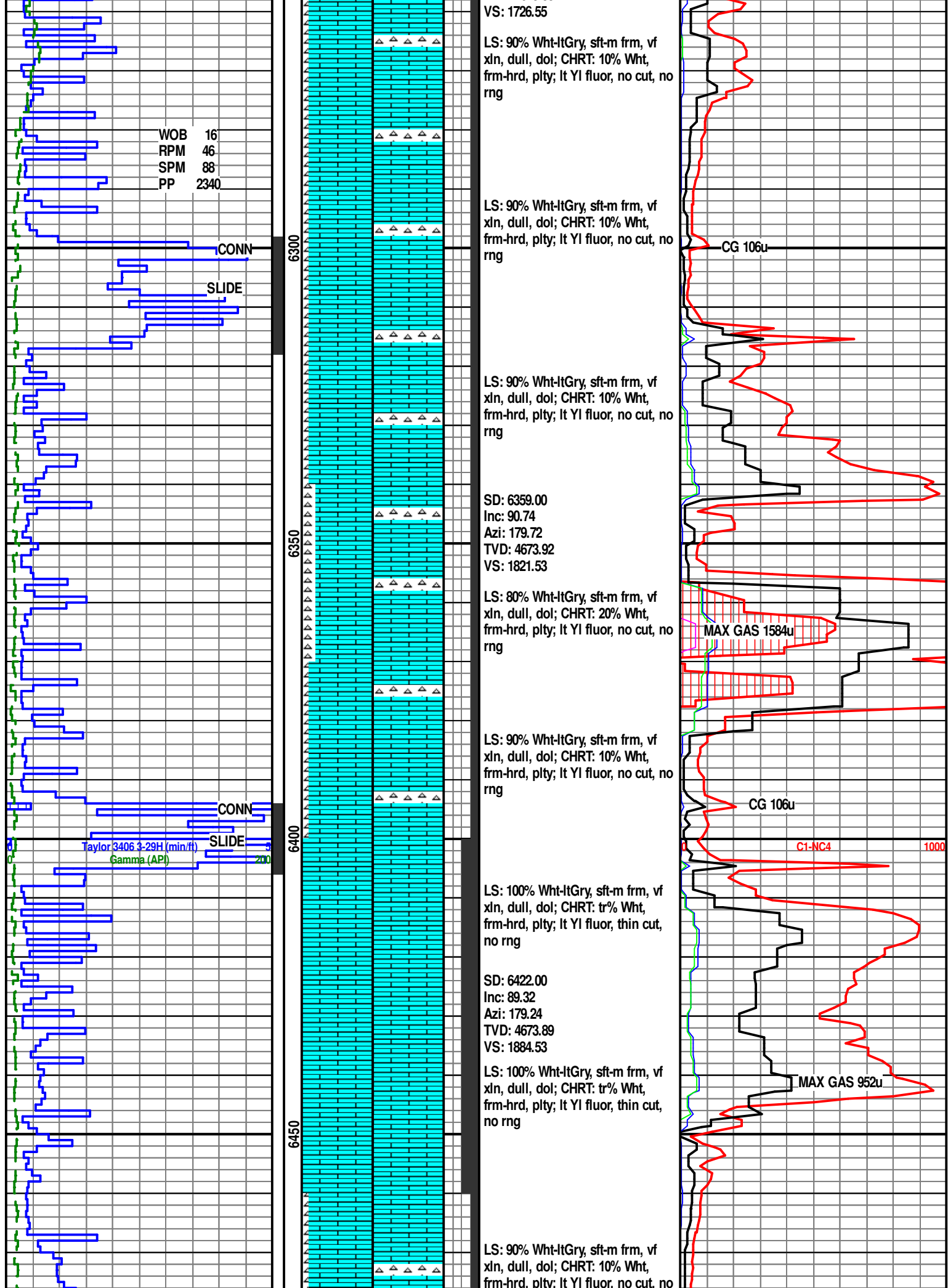
LS: 50% Wht-ItGrv, sft-m frm, vf

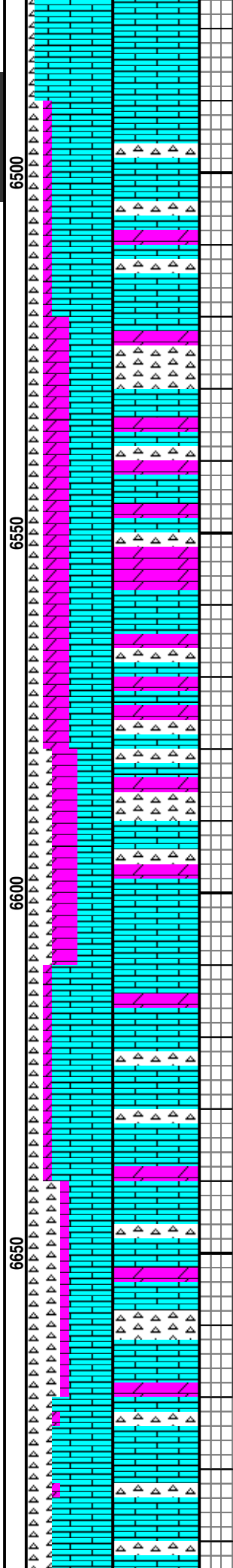
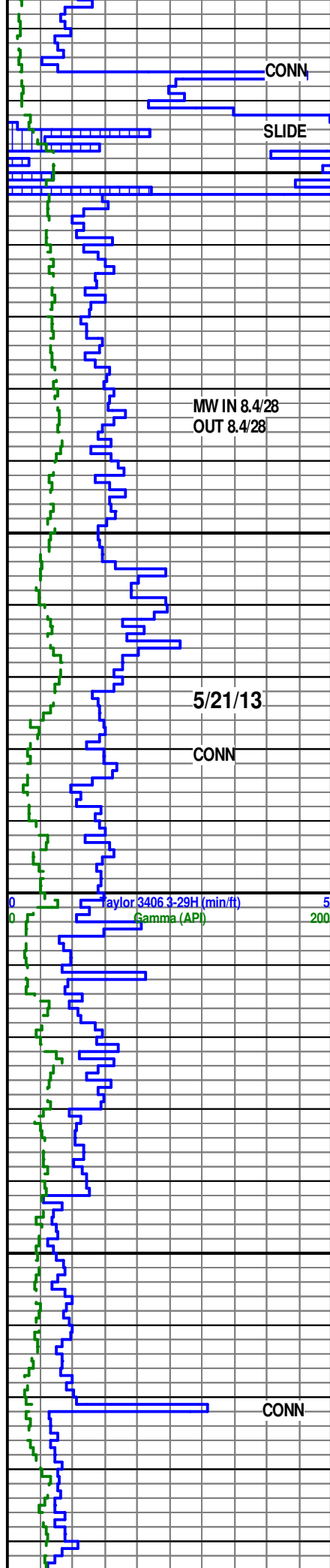












rng

SD: 6517.00
Inc: 88.79
Azi: 179.68
TVD: 4675.46
VS: 1979.51

LS: 70% Gry-ItGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, It Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, It YI fluor, no cut, no rng

LS: 50% Gry-ItGry, sft-m frm, vf xln, dull, dol; DOL: 30% off Wht, It Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, It YI fluor, no cut, no rng

LS: 50% Gry-ItGry, sft-m frm, vf xln, dull, dol; DOL: 30% off Wht, It Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, It YI fluor, no cut, no rng

TRIP @ 6,584' MD

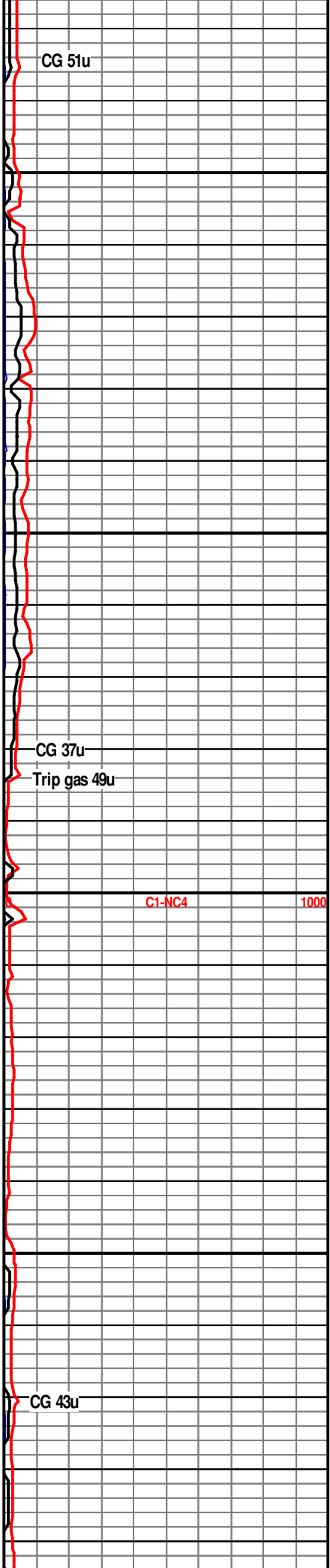
LS: 40% Gry-ItGry, sft-m frm, vf xln, dull, dol; DOL: 30% off Wht, It Brn, frm-hrd, blkyl dull; CHRT: 30% Wht, frm-hrd, plty, It YI fluor, no cut, no rng

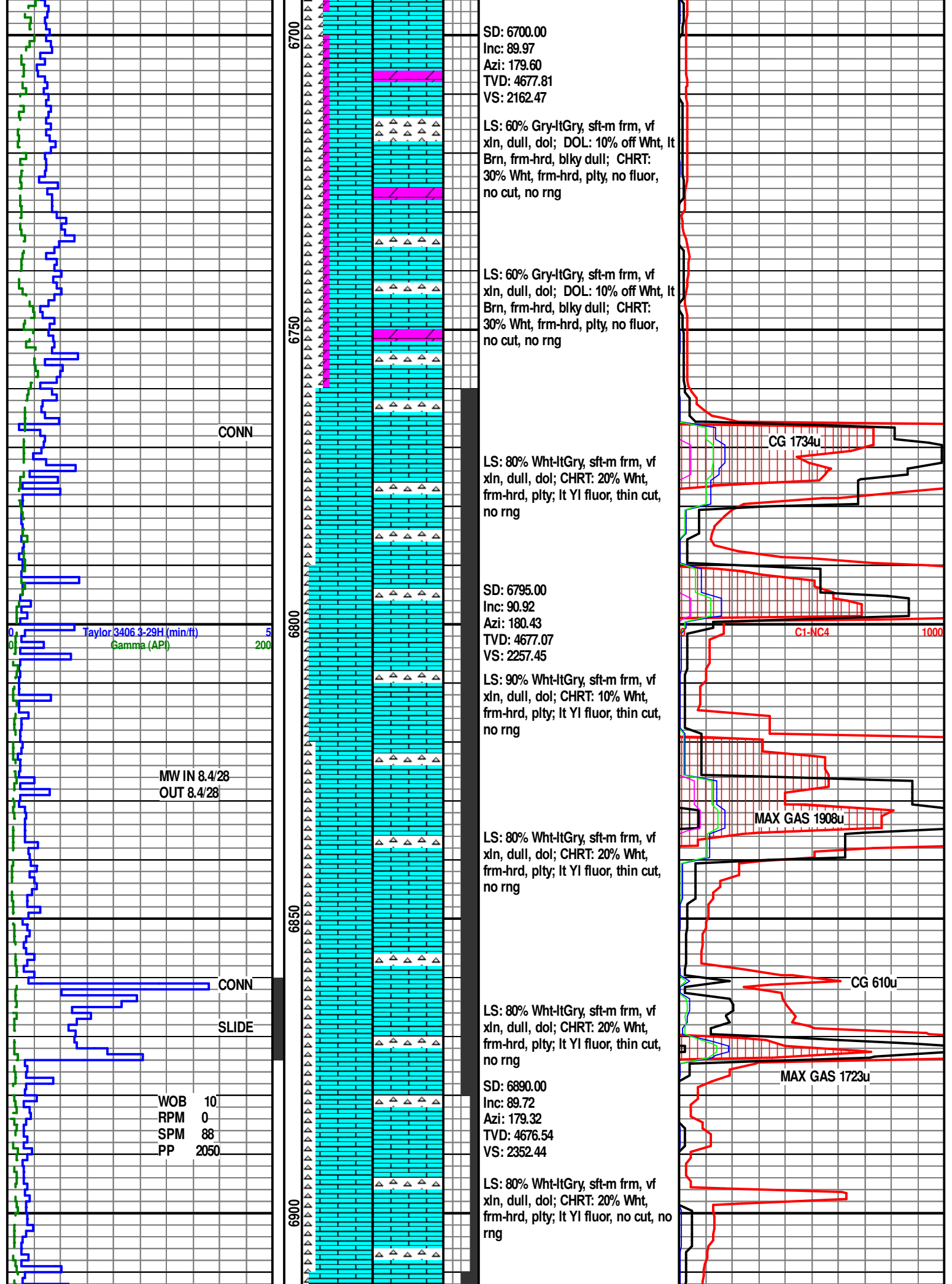
SD: 6606.00
Inc: 89.13
Azi: 180.55
TVD: 4677.07
VS: 2068.48

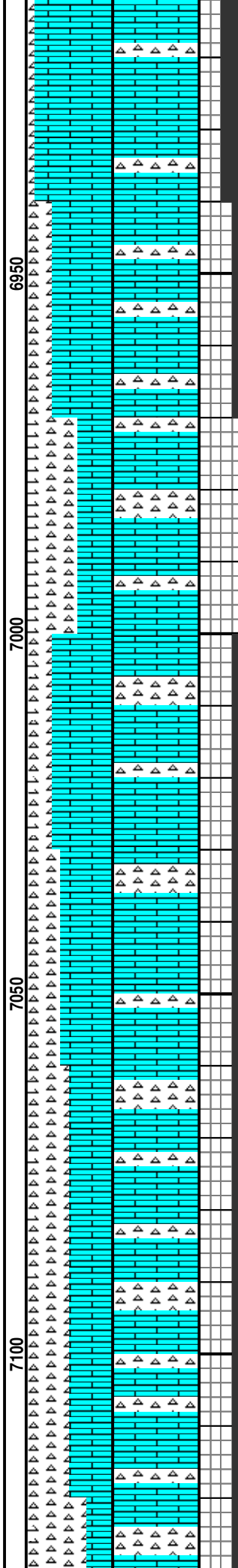
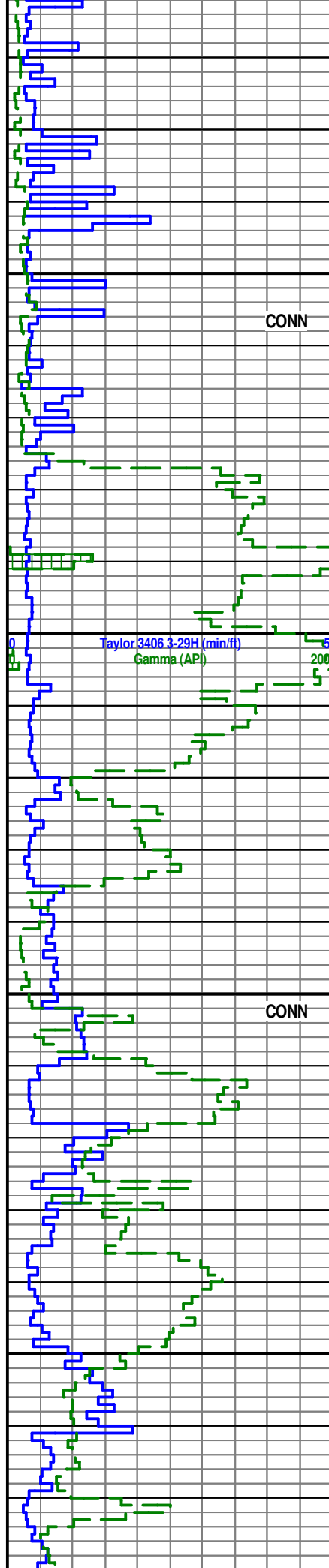
LS: 70% Gry-ItGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, It Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, It YI fluor, no cut, no rng

LS: 50% Gry-ItGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, It Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, It YI fluor, no cut, no rng

LS: 70% Gry-ItGry, sft-m frm, vf xln, dull, dol; DOL: TR% off Wht, It Brn, frm-hrd, blkyl dull; CHRT: 30% Wht, frm-hrd, plty, no fluor, no cut, no rng







LS: 90% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 10% Wht, frm-hrd, plty; lt Yl fluor, thin cut, no rng

LS: 70% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 30% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 40% Wht, frm-hrd, plty, no fluor, no cut, no rng

SD: 7016.00
Inc: 89.78
Azi: 180.29
TVD: 4677.14
VS: 2478.43

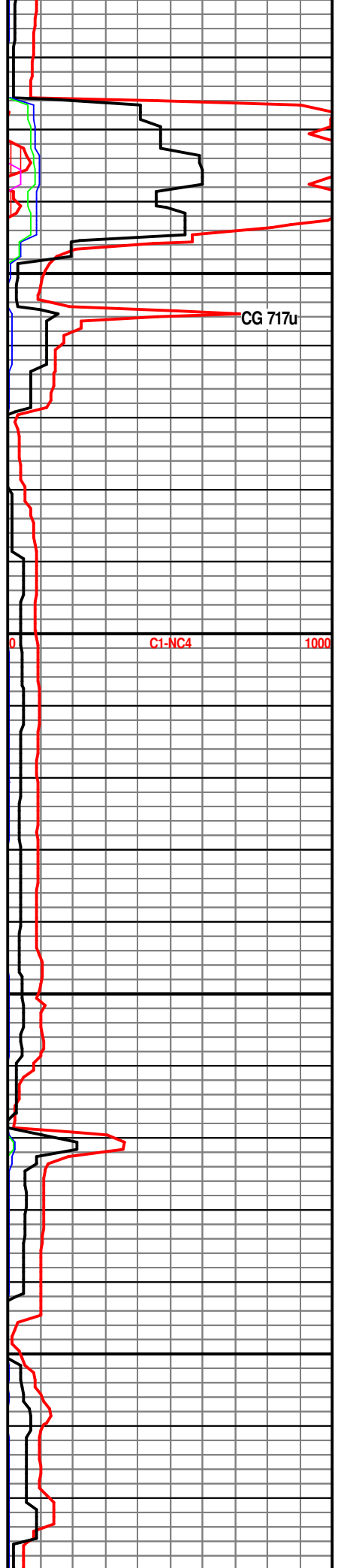
LS: 70% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 30% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

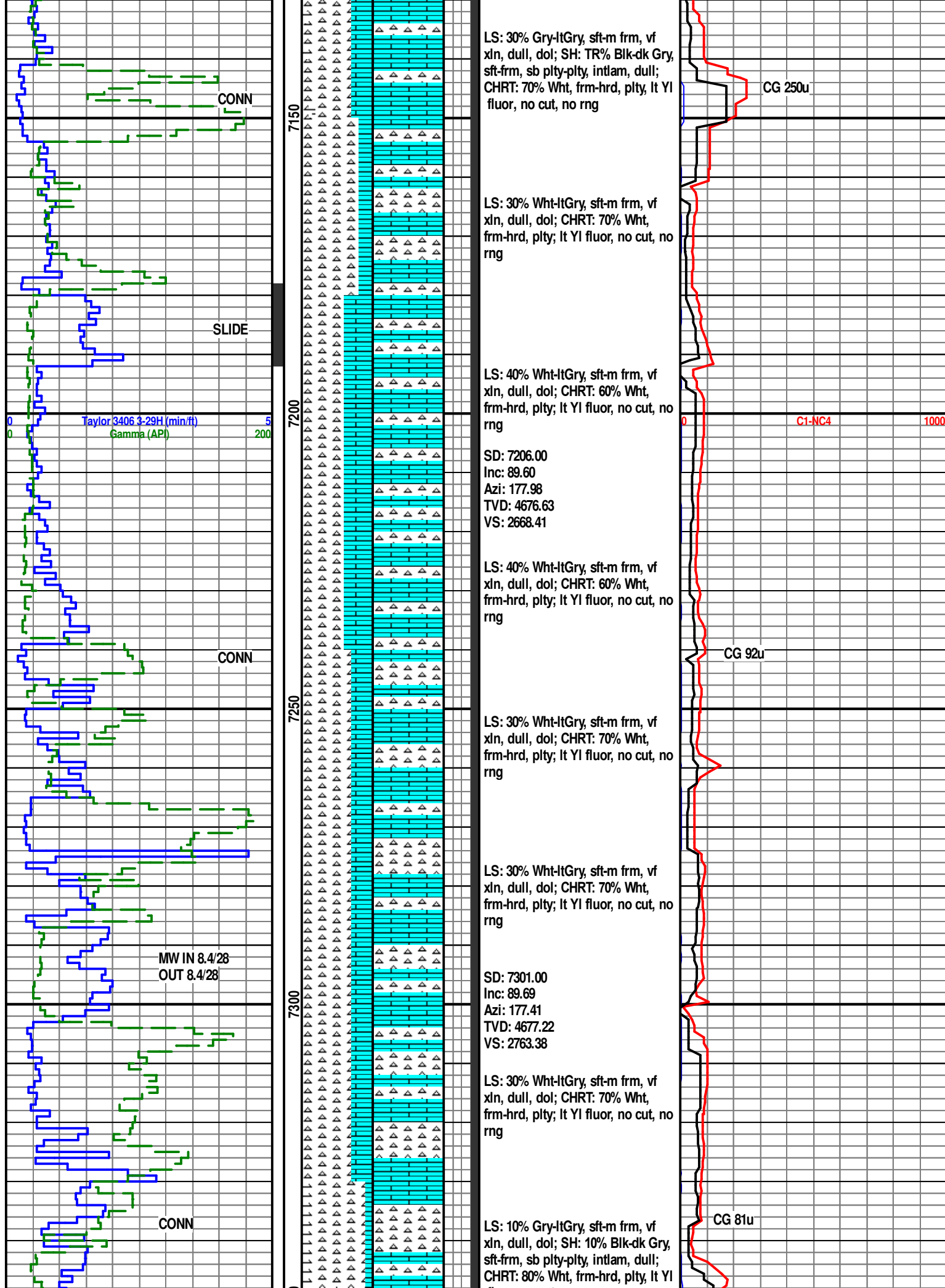
LS: 60% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 40% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

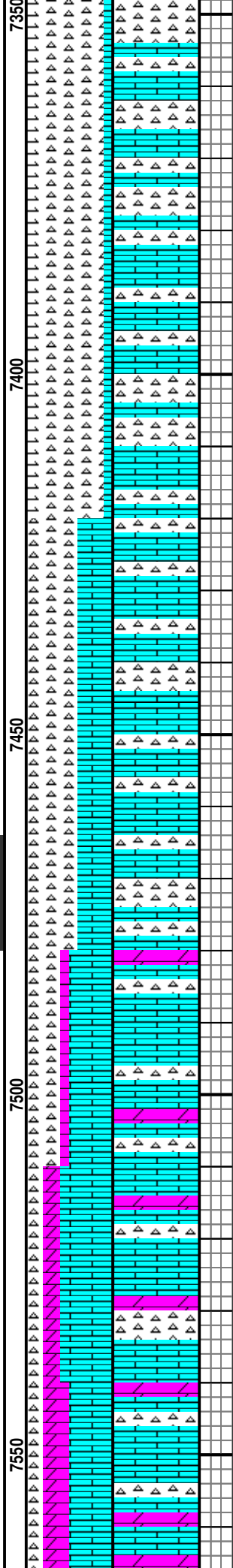
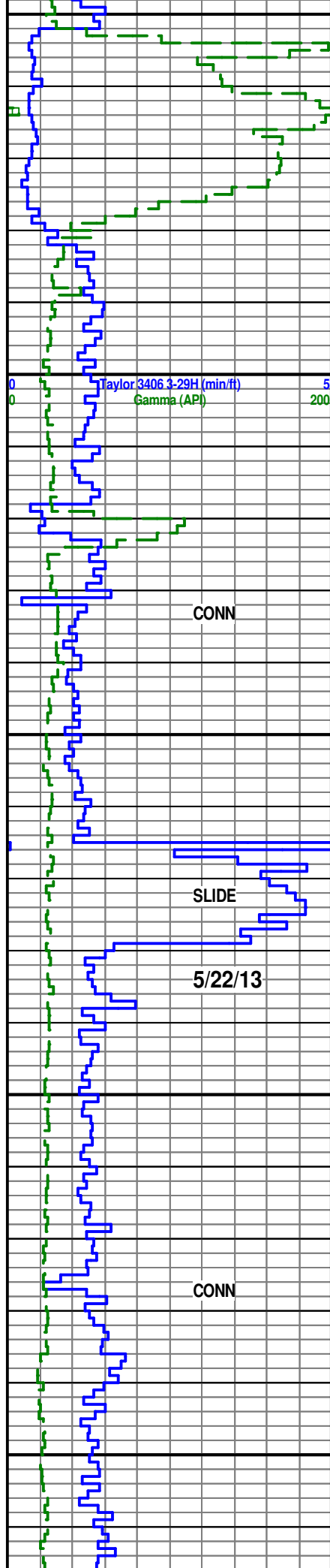
LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 50% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 50% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

SD: 7111.00
Inc: 90.62
Azi: 179.67
TVD: 4676.81
VS: 2573.42







LS: 10% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 80% Wht, frm-hrd, plty, lt YI fluor, no cut, no rng

SD: 7397.00
Inc: 90.28
Azi: 177.01
TVD: 4677.24
VS: 2859.32

LS: 10% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: 10% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 80% Wht, frm-hrd, plty, lt YI fluor, no cut, no rng

LS: 40% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 60% Wht, frm-hrd, plty; lt YI fluor, no cut, no rng

LS: 40% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 60% Wht, frm-hrd, plty; lt YI fluor, no cut, no rng

SD: 7491.00
Inc: 88.54
Azi: 177.75
TVD: 4678.21
VS: 2953.27

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, lt YI fluor, no cut, no rng

LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 20% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, lt YI fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 30% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, lt YI fluor, no cut, no rng

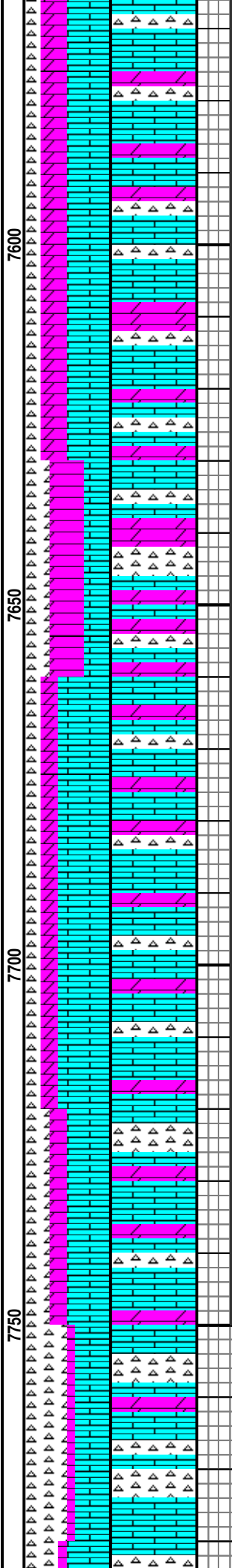
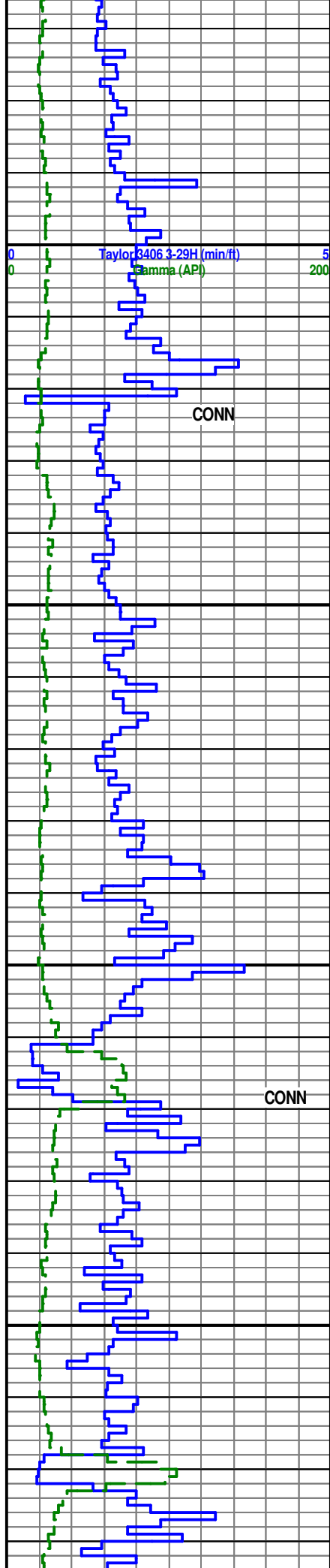
SD: 7587.00

C1-NC4

1000

CG 89u

CG 62u



SD: 7531.00
Inc: 88.94
Azi: 177.22
TVD: 4680.32
VS: 3049.20

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 30% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 30% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

LS: 30% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 40% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 30% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

SD: 7681.00
Inc: 89.63
Azi: 177.88
TVD: 4681.50
VS: 3143.16

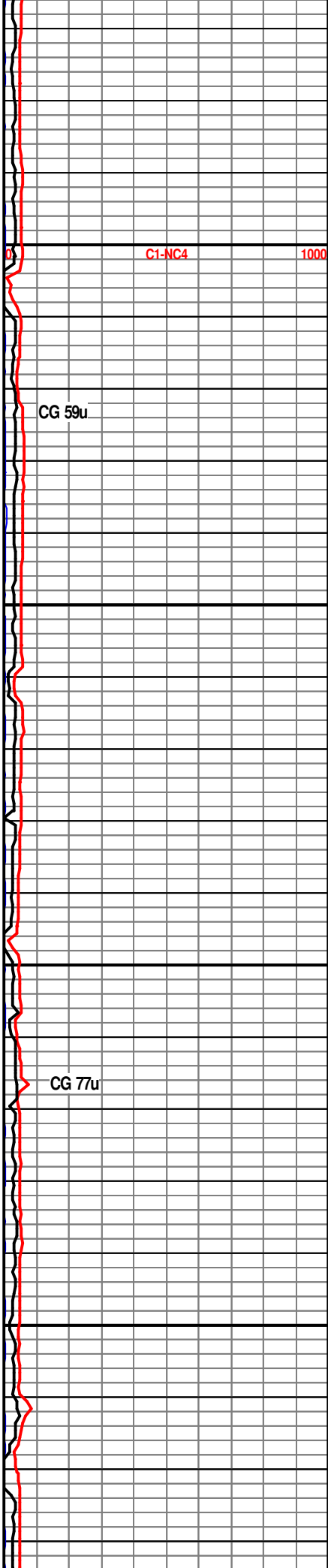
LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 20% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

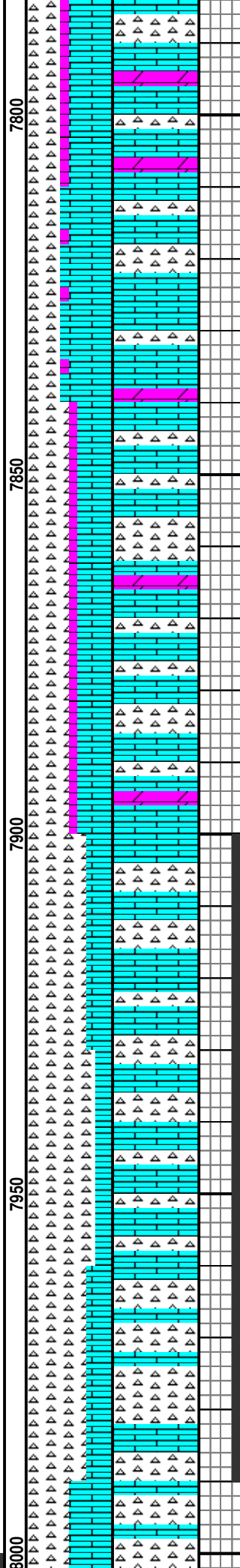
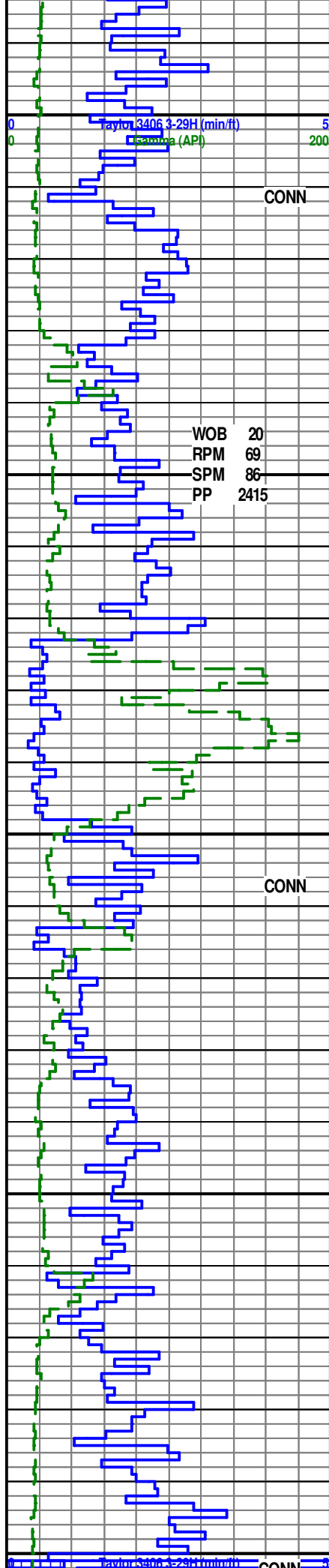
LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 20% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 20% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 20% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 30% Wht, frm-hrd, plty, lt Yl fluor, no cut, no rng

LS: 40% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 50% Wht, frm-hrd, plty, no fluor, no cut, no rng

SD: 7776.00
Inc: 90.03
Azi: 177.84
TVD: 4681.78
VS: 3238.13





LS: 50% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, no fluor, no cut, no rng

LS: 60% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: TR% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 40% Wht, frm-hrd, plty, no fluor, no cut, no rng

LS: 40% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 50% Wht, frm-hrd, plty, no fluor, no cut, no rng

SD: 7871.00
Inc: 90.71
Azi: 178.47
TVD: 4681.16
VS: 3333.12

LS: 40% Gry-ltGry, sft-m frm, vf xln, dull, dol; DOL: 10% off Wht, lt Brn, frm-hrd, blkyl dull; CHRT: 50% Wht, frm-hrd, plty, no fluor, no cut, no rng

LS: 30% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 70% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

LS: 20% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 80% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

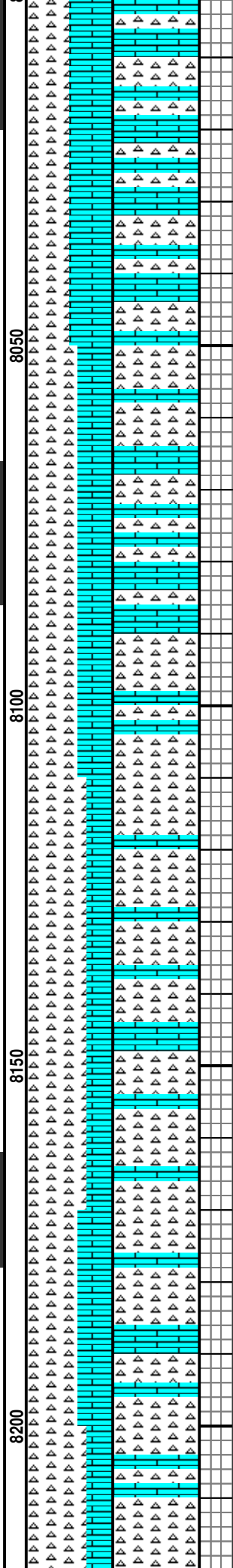
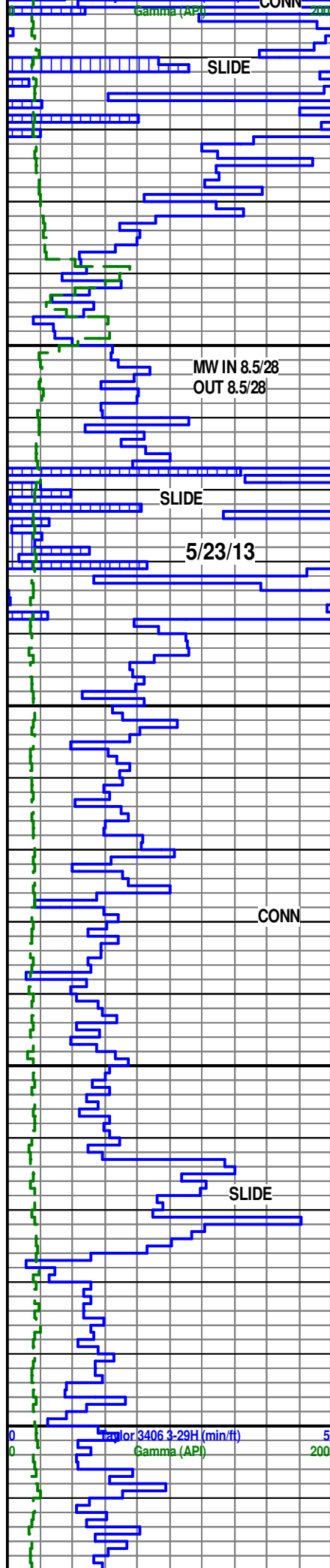
SD: 7966.00
Inc: 91.33
Azi: 178.85
TVD: 4679.47
VS: 3428.10

LS: 30% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 70% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

LS: 50% Wht-ltGry, sft-m frm, vf

C1-NC4 1000

C1-NC4 1000



xln, dull, dol; CHRT: 50% Wht,
frm-hrd, plty; no fluor, no cut, no
rng

LS: 50% Wht-ltGry, sft-m frm, vf
xln, dull, dol; CHRT: 50% Wht,
frm-hrd, plty; no fluor, no cut, no
rng

LS: 40% Wht-ltGry, sft-m frm, vf
xln, dull, dol; CHRT: 60% Wht,
frm-hrd, plty; no fluor, no cut, no
rng

TRIP @ 8,088' MD

SD: 8093.00
Inc: 89.32
Azi: 178.10
TVD: 4678.47
VS: 3555.06

LS: 40% Wht-ltGry, sft-m frm, vf
xln, dull, dol; CHRT: 60% Wht,
frm-hrd, plty; lt YI fluor, no cut, no
rng

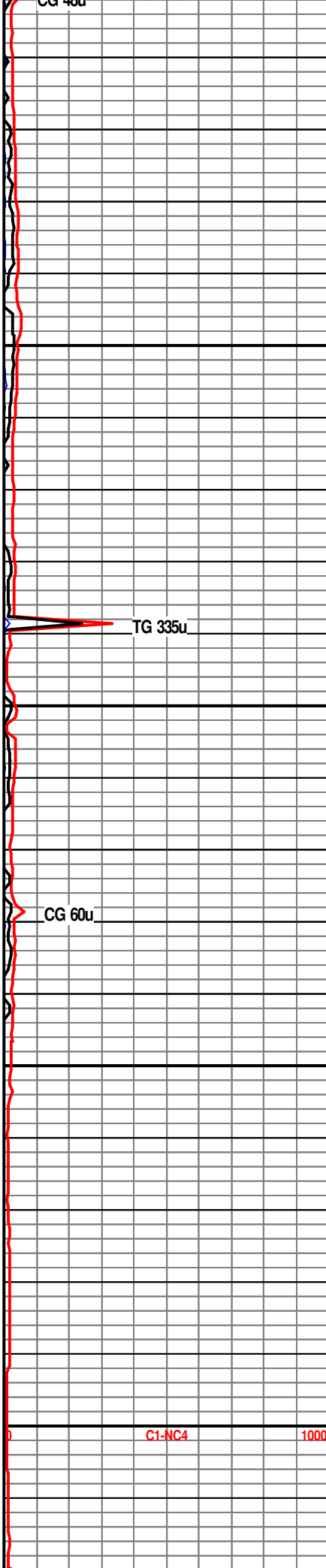
LS: 30% Wht-ltGry, sft-m frm, vf
xln, dull, dol; CHRT: 70% Wht,
frm-hrd, plty; lt YI fluor, no cut, no
rng

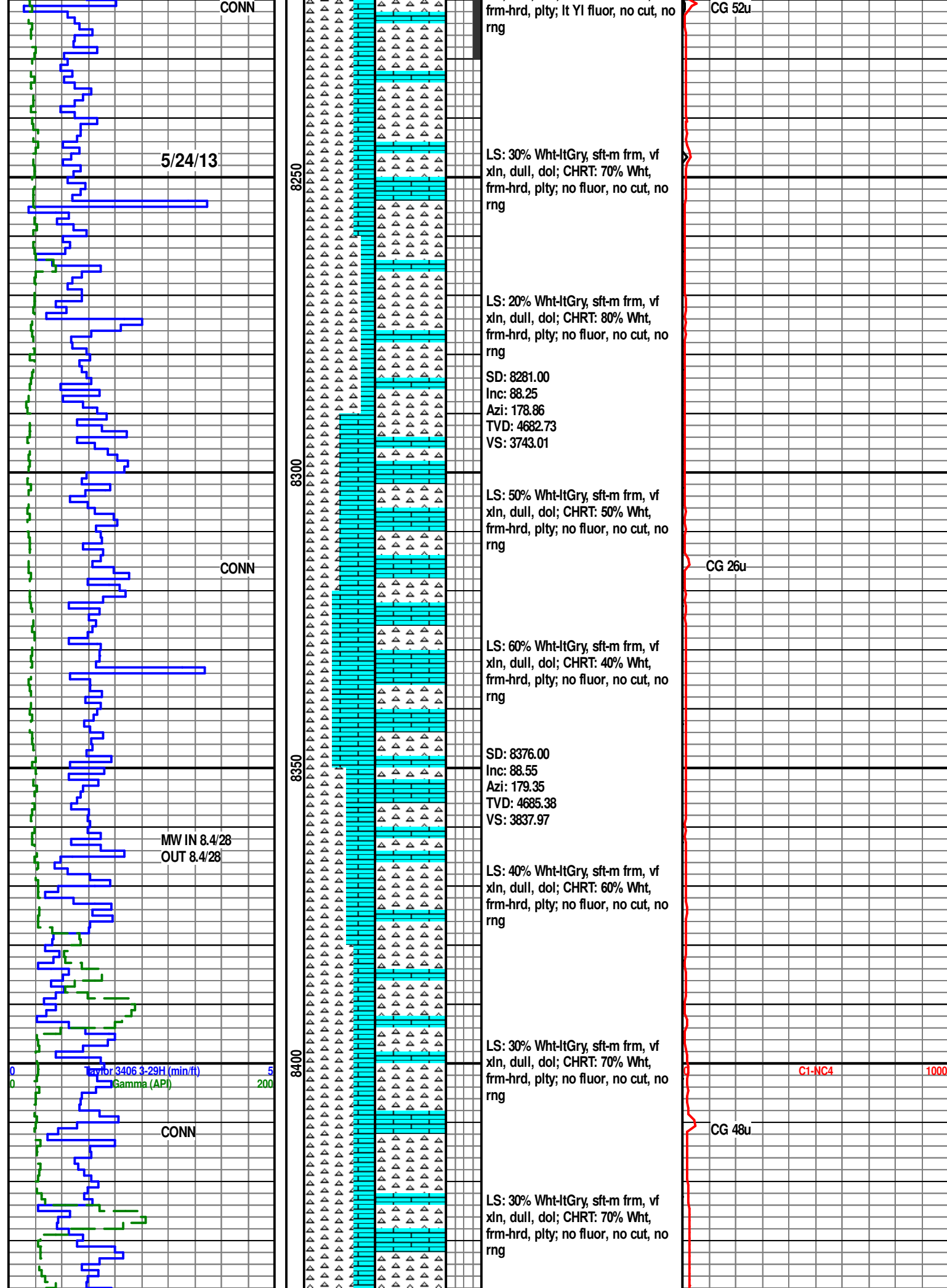
LS: 30% Wht-ltGry, sft-m frm, vf
xln, dull, dol; CHRT: 70% Wht,
frm-hrd, plty; lt YI fluor, no cut, no
rng

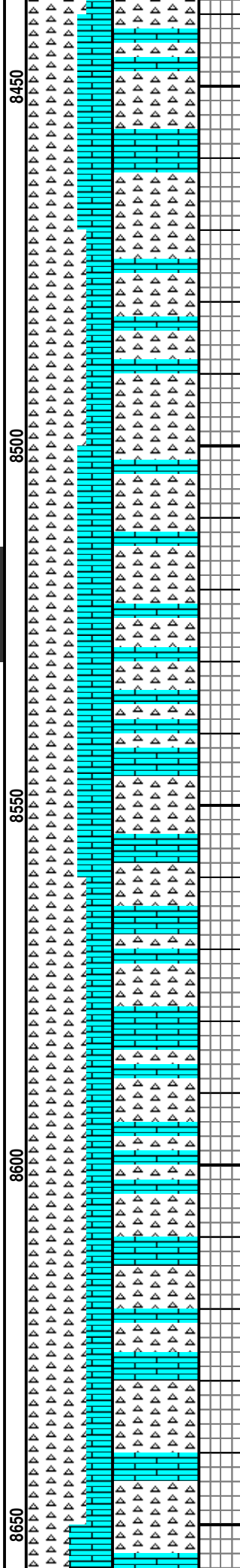
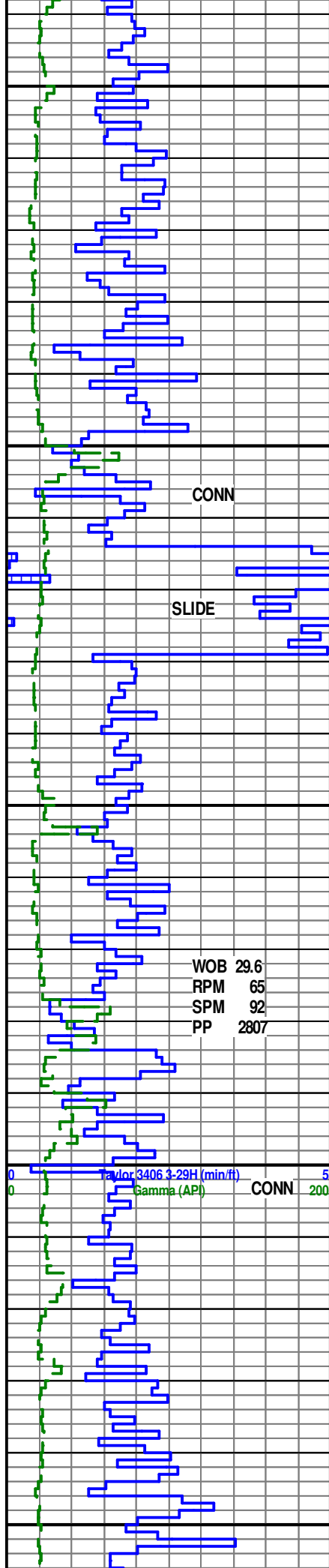
LS: 40% Wht-ltGry, sft-m frm, vf
xln, dull, dol; CHRT: 60% Wht,
frm-hrd, plty; lt YI fluor, no cut, no
rng

SD: 8187.00
Inc: 88.62
Azi: 179.31
TVD: 4680.16
VS: 3649.04

LS: 30% Wht-ltGry, sft-m frm, vf
xln, dull, dol; CHRT: 70% Wht,







LS: 40% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 60% Wht, frm-hrd, plty; no fluor, no cut, no rng

SD: 8471.00
Inc: 89.88
Azi: 179.41
TVD: 4686.68
VS: 3932.96

LS: 30% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 70% Wht, frm-hrd, plty; no fluor, no cut, no rng

LS: 40% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 60% Wht, frm-hrd, plty; no fluor, no cut, no rng

LS: 40% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 60% Wht, frm-hrd, plty; no fluor, no cut, no rng

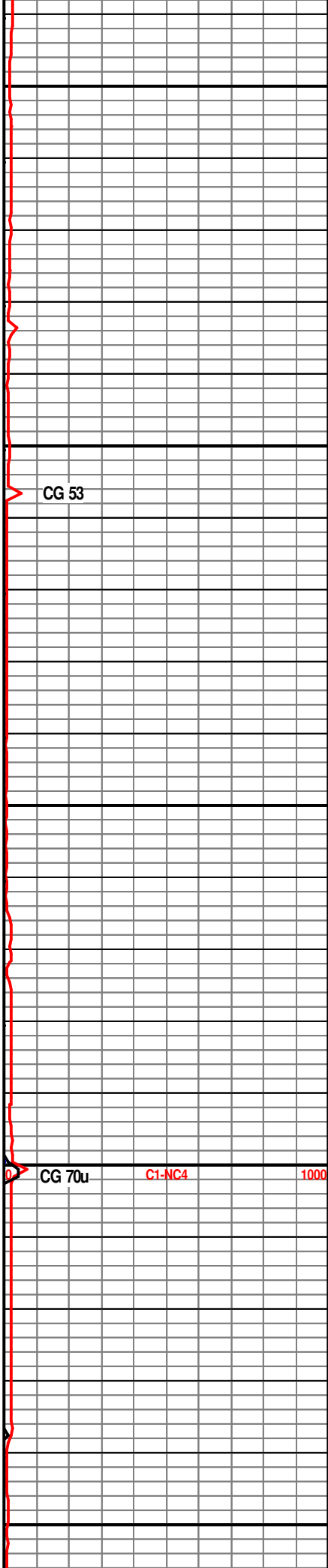
SD: 8565.00
Inc: 88.06
Azi: 179.90
TVD: 4688.37
VS: 4026.93

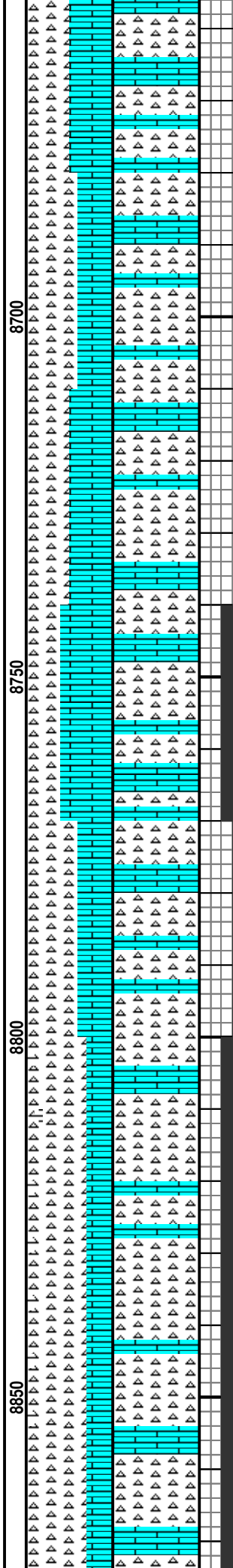
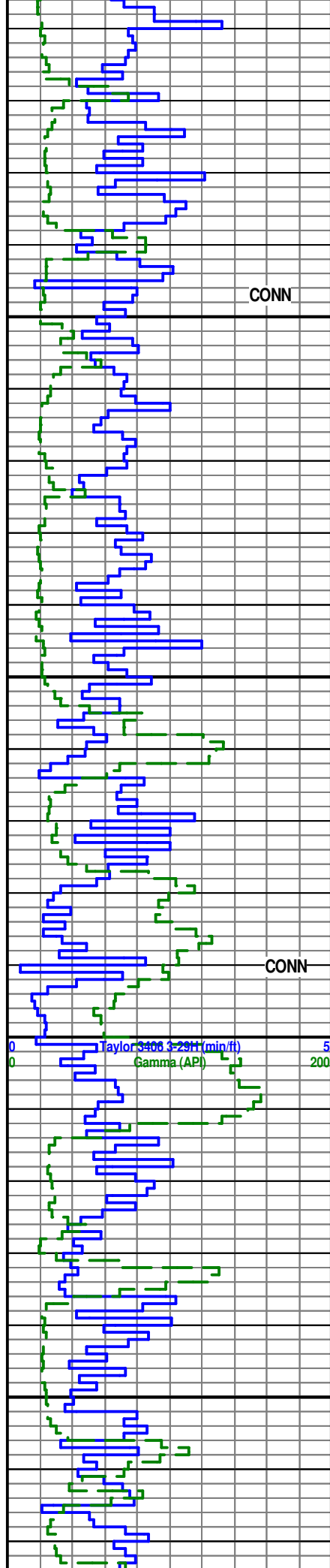
LS: 30% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 70% Wht, frm-hrd, plty; no fluor, no cut, no rng

LS: 30% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 70% Wht, frm-hrd, plty; no fluor, no cut, no rng

LS: 30% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 70% Wht, frm-hrd, plty; no fluor, no cut, no rng

SD: 8660.00
Inc: 88.43
Azi: 179.94





Azi: 179.24
TVD: 4691.28
VS: 4121.89

LS: 50% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 50% Wht, frm-hrd, plty; no fluor, no cut, no rng

LS: 60% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 40% Wht, frm-hrd, plty; no fluor, no cut, no rng

LS: 50% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 50% Wht, frm-hrd, plty; no fluor, no cut, no rng

SD: 8754.00
Inc: 88.52
Azi: 180.52
TVD: 4693.79
VS: 4215.85

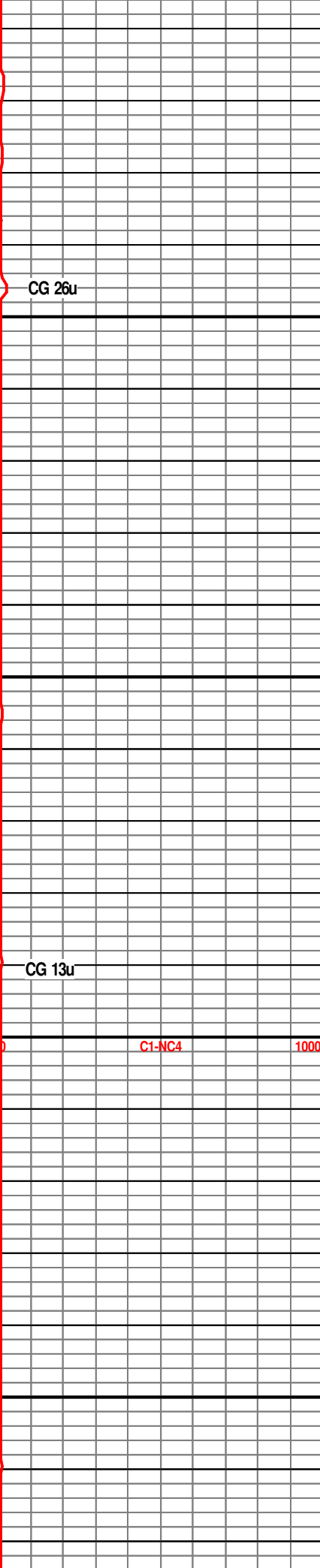
LS: 50% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 50% Wht, frm-hrd, plty; lt Yl fluor, thin cut, no rng

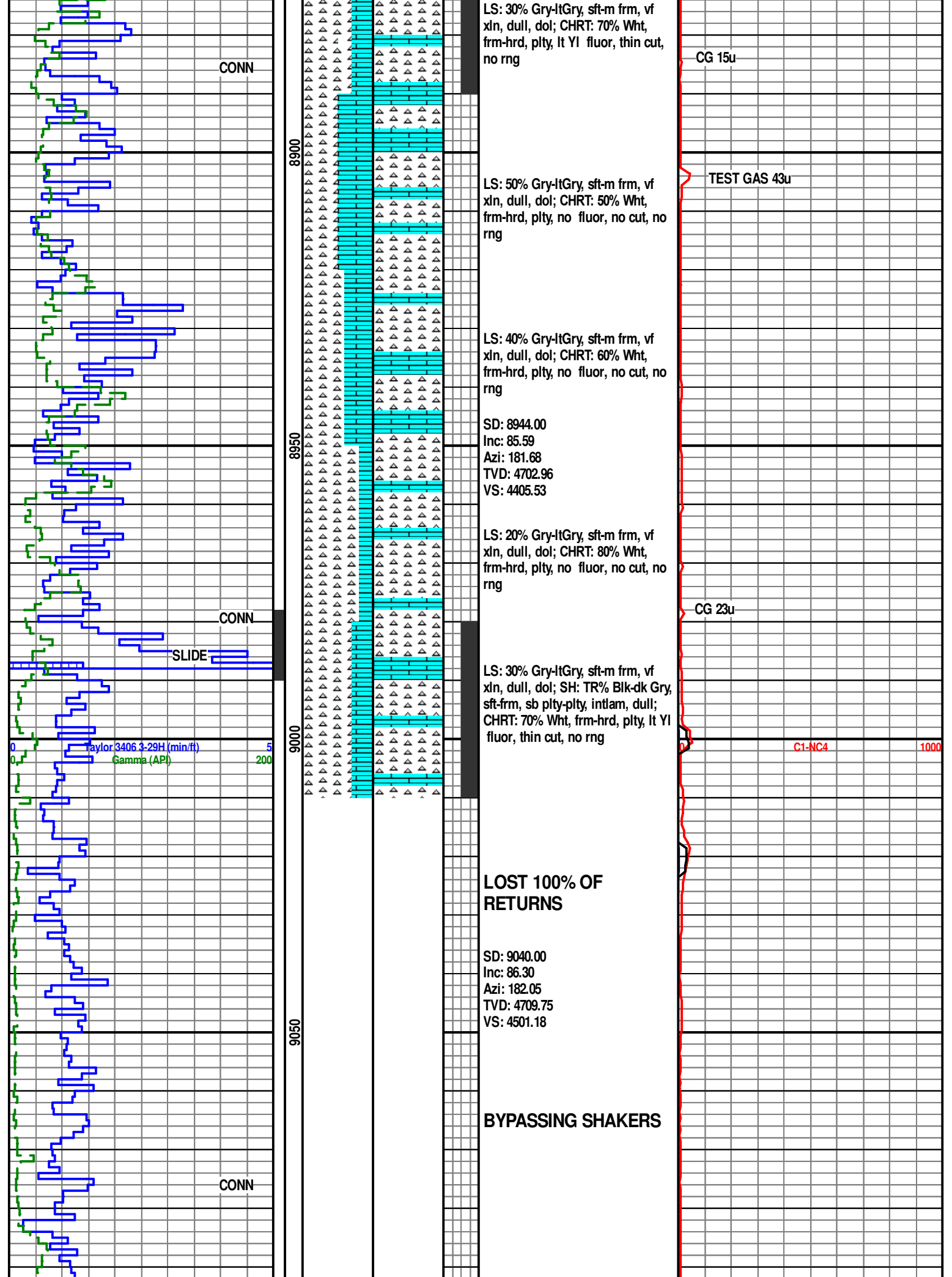
LS: 40% Wht-ltGry, sft-m frm, vf xln, dull, dol; CHRT: 60% Wht, frm-hrd, plty; lt Yl fluor, no cut, no rng

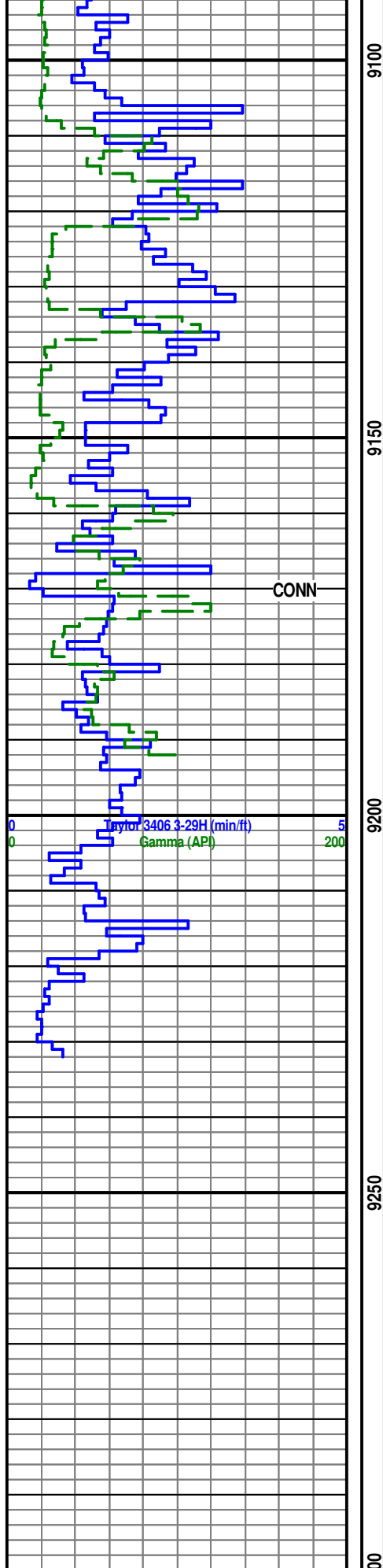
LS: 30% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 70% Wht, frm-hrd, plty, lt Yl fluor, thin cut, no rng

LS: 30% Gry-ltGry, sft-m frm, vf xln, dull, dol; SH: TR% Blk-dk Gry, sft-frm, sb plty-plty, intlam, dull; CHRT: 70% Wht, frm-hrd, plty, lt Yl fluor, thin cut, no rng

SD: 8849.00
Inc: 87.41
Azi: 180.46
TVD: 4697.16
VS: 4310.76







LOST 100% OF
RETURNS

SD: 9134.00
Inc: 86.42
Azi: 182.05
TVD: 4715.72
VS: 4594.86

BYPASSING SHAKERS

SD: 9197.00
Inc: 85.37
Azi: 182.31
TVD: 4720.22
VS: 4657.59

LOST 100% OF
RETURNS

TD Well @ 9,233' MD

C1-NC4

1000