

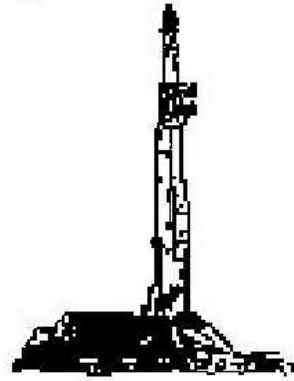
GOOLSBY BROTHERS and associates, inc.

575 Union Blvd, Suite 208
Lakewood, CO 80228
303-945-2860 Office



Geological Wellsite Supervision

www.goolsbybrothers.com



**Scale 1:240 (5"=100') Imperial
Measured Depth Log**

Well Name: Ardourel 3HL

API: 05-067-10038-01

Location: La Plata County, Colorado

License Number:

Spud Date: 10/20/2023

Region: Ignacio/Blanco

Drilling Completed:

Surface Coordinates: 1773' FSL & 292' FWL NWSW Sec. 18, T33N-8W

Bottom Hole 1766' FNL & 600' FEL SENE Sec. 17, T33N-8W

Coordinates:

Ground Elevation (ft): 6719

K.B. Elevation (ft): 6744

Logged Interval (ft): 6400 **To:**

Total Depth (ft):

Formation: Mancos Shale

Type of Drilling Fluid: Brine

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

OPERATOR

Company: Nuevida Resources LLC

Address: 5950 Cedar Springs Road Suite #100
Dallas TX, 75235
(214)-838-2748

GEOLOGIST

Name: Walter Nelson & Scott Snoy

Company: Goolsby Brothers & Associates Inc.

Address: 575 Union Blvd Suite #200
Lakewood, CO 80228

LOGS

CASING

COMMENTS

ROCK TYPES

	Cement
	Salt
	Bent
	Anhy
	Chert
	Clyst

	Shale
	Sh (col)
	Coal
	Sh (slty)
	Sh (carb)
	Slst

	Congl
	Ss
	Ss (f gr+)
	Arg ss
	Ls
	Ls (arg)

	Ls (marly)
	Dol
	Chalk
	Mrlst
	Mrlst_sh (intbdd)

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	
	anhystgr
	Arg
	Bent
	Coal
	Dol

	Gyp
	Ls
	Mrst
	Slst
	Ss
	Clyst

TEXTURE	
	Boundst
	Chalky
	Cryxln
	Earthy
	Finexln
	Grainst
	Lithogr
	Microxln
	Mudst
	Packst
	Wackest

OTHER SYMBOLS

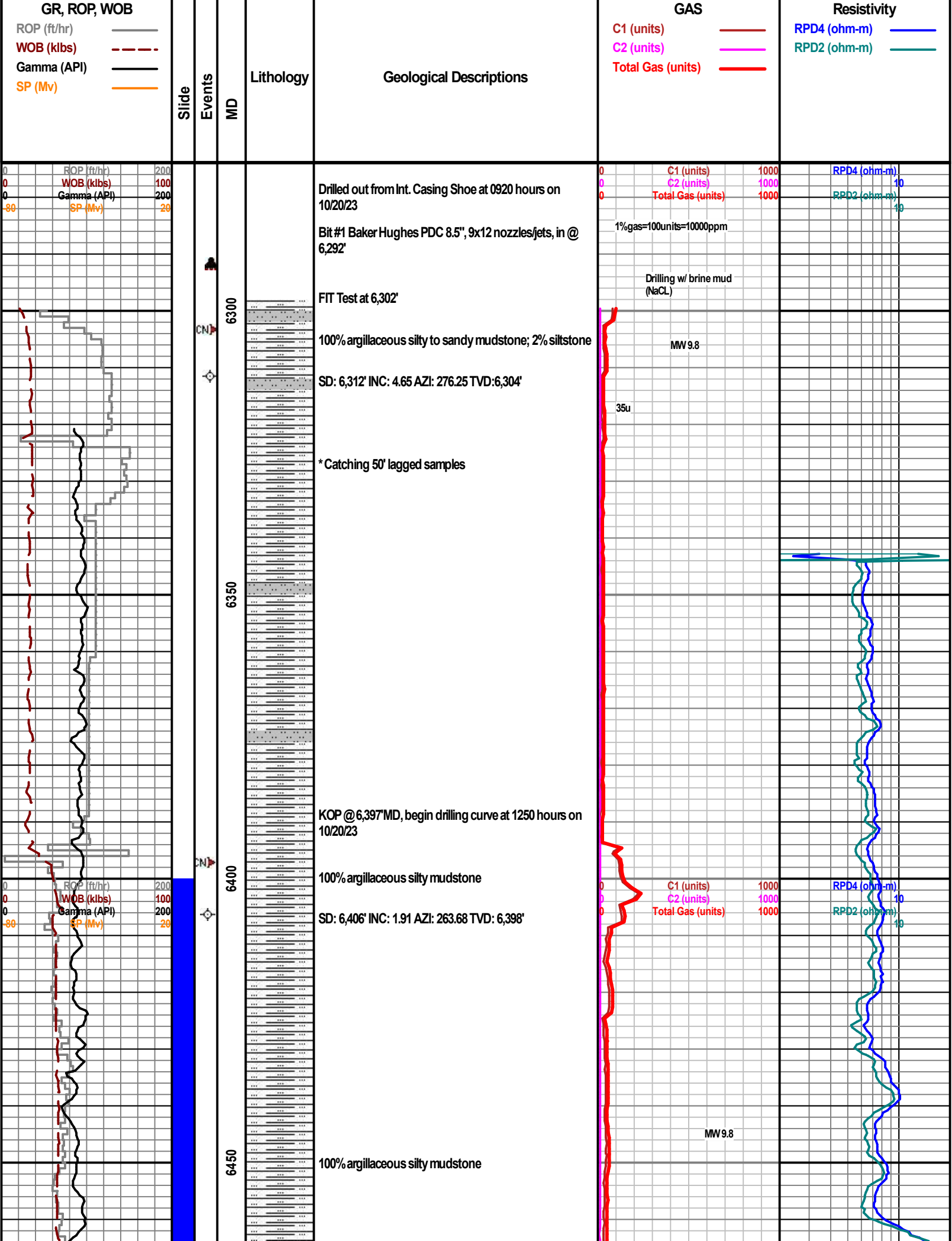
POROSITY TYPE	
	Earthly
	Fenest
	Fracture
	Inter
	Moldic
	Organic
	Pinpoint
	Vuggy

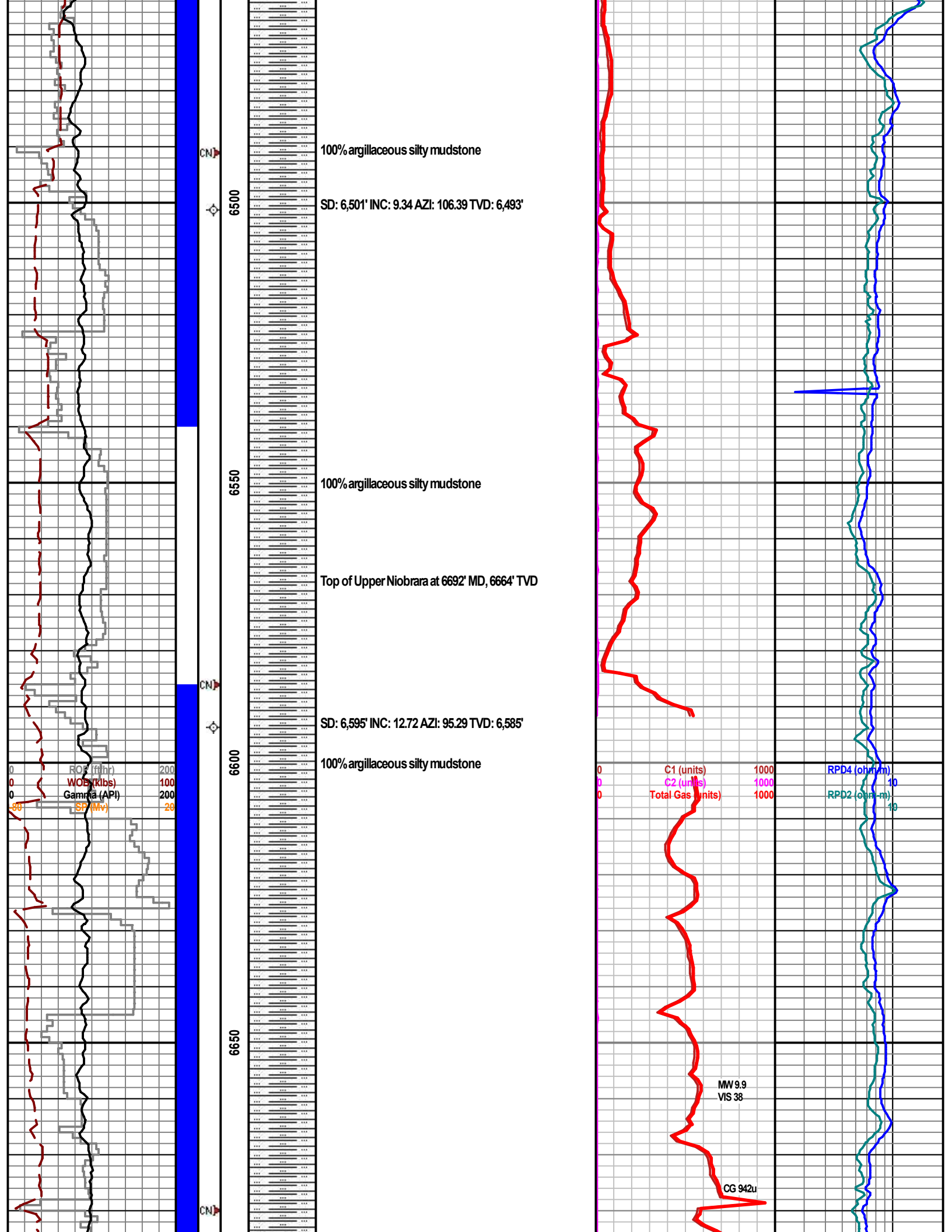
SORTING	
	Well
	Moderate
	Poor

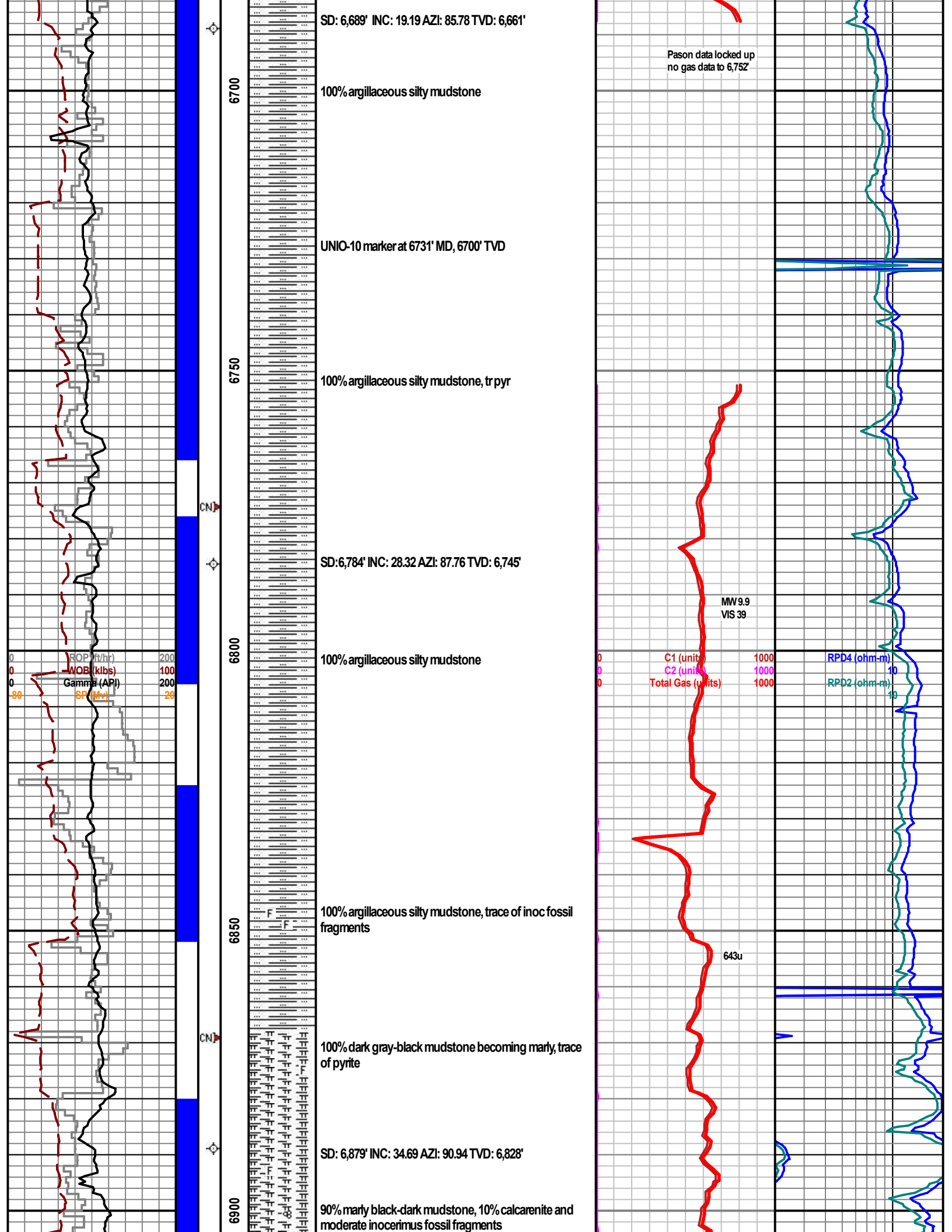
ROUNDING	
	Rounded
	Subrnd
	Subang
	Angular

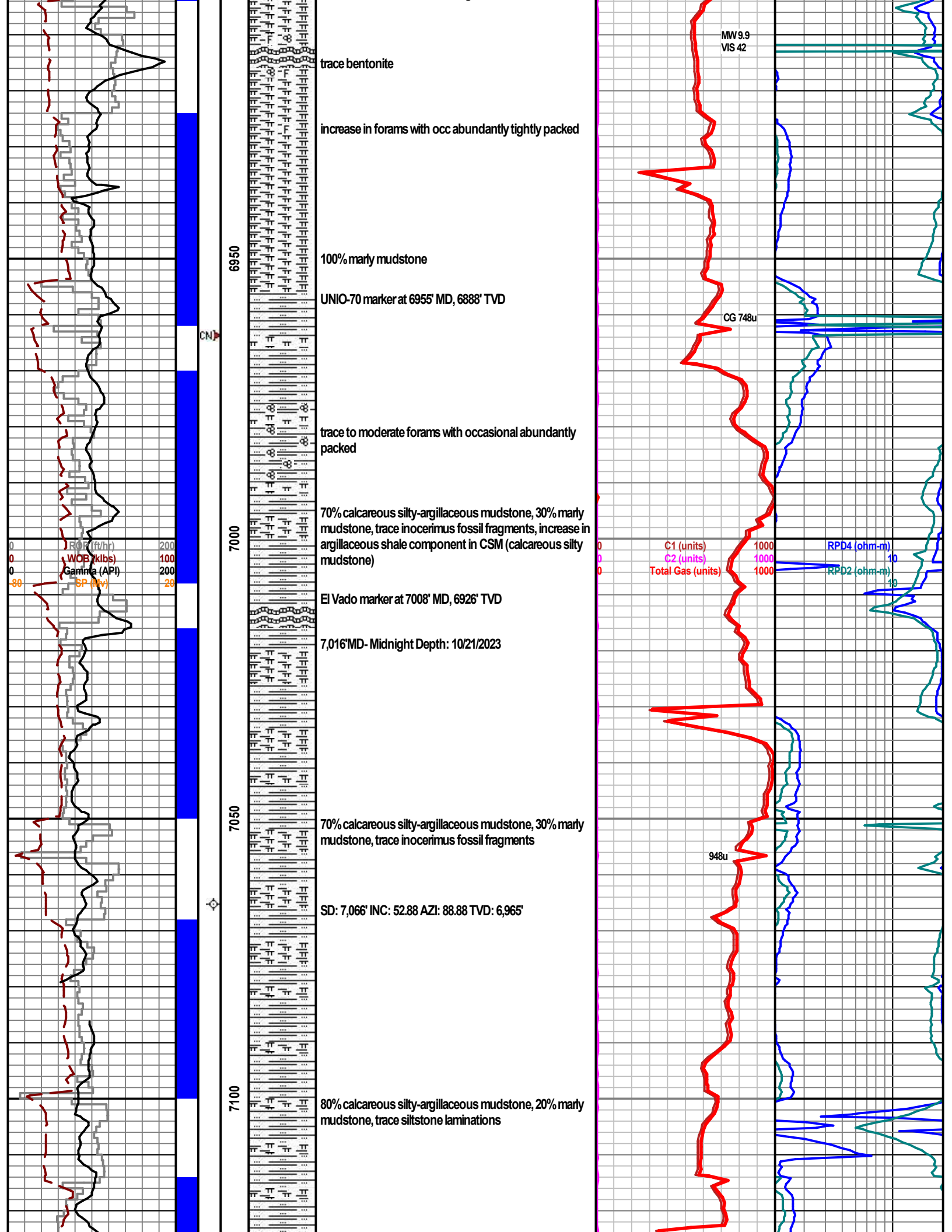
SAMPLE SHOWS	
	Even
	Near even
	Spotted/patchy
	Very spotty
	Questionable
	Dead oil
	Gas show

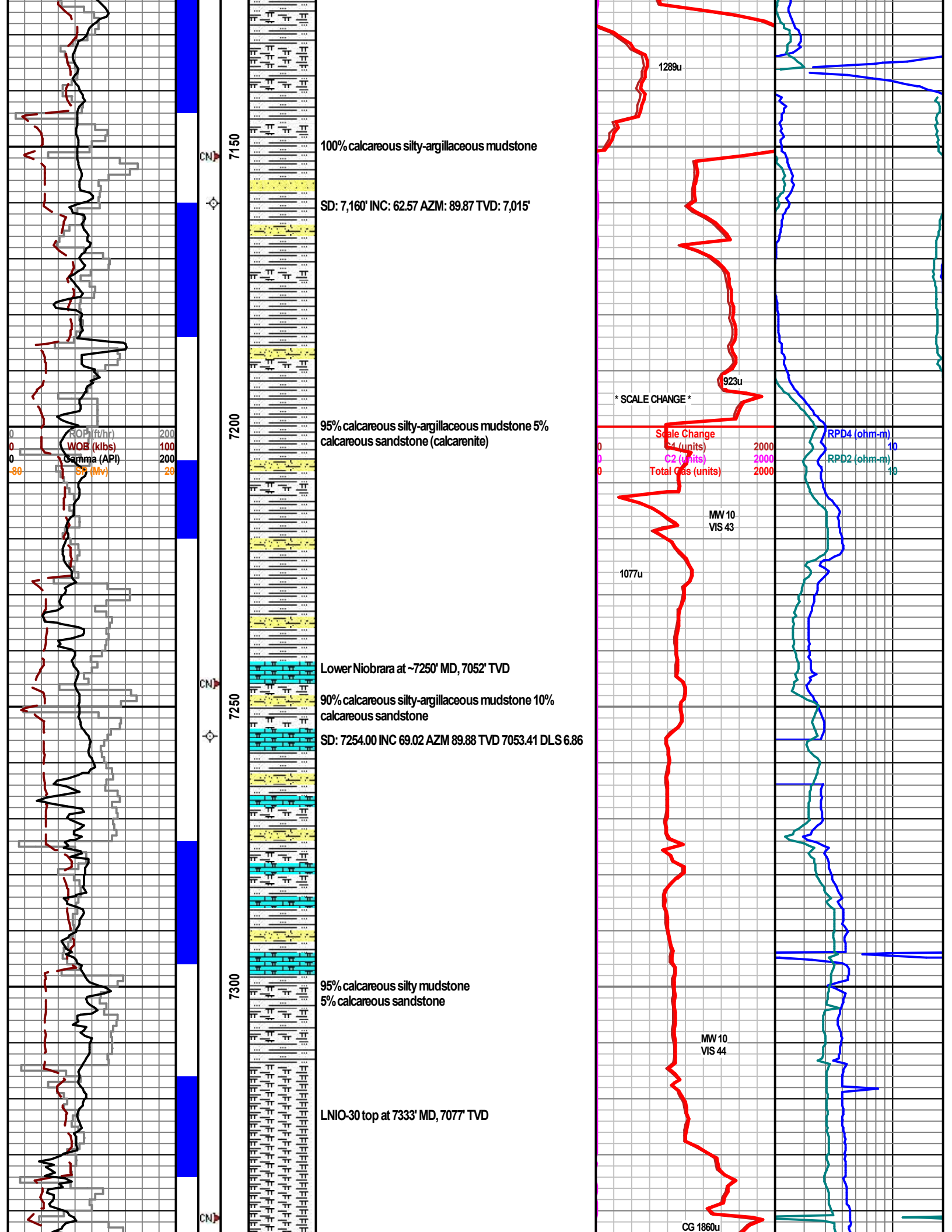
EVENTS	
	New bit
	Casing
	Casing
	Survey (mwd)
	Survey (wireline)
	Connection
	Trip point
	Off bottom

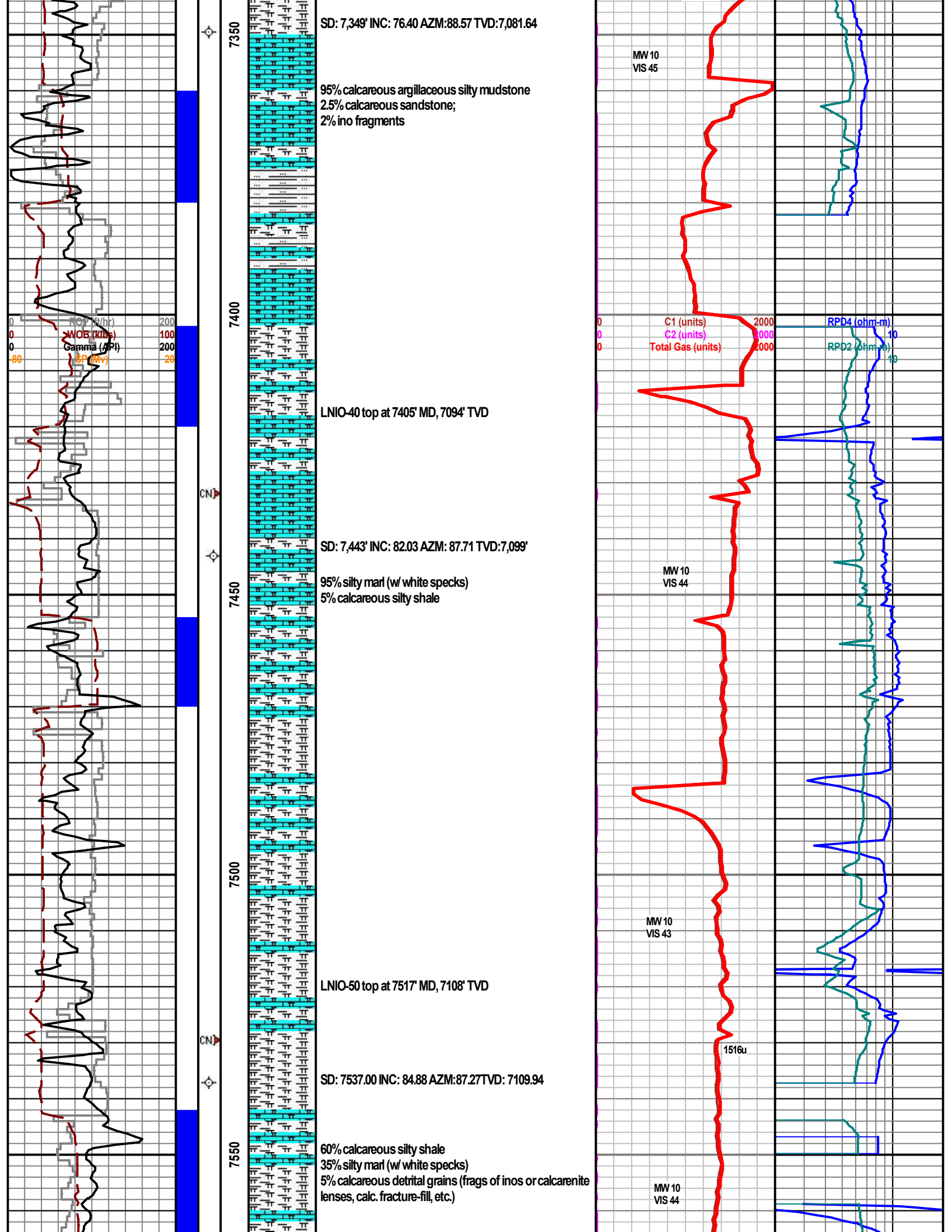


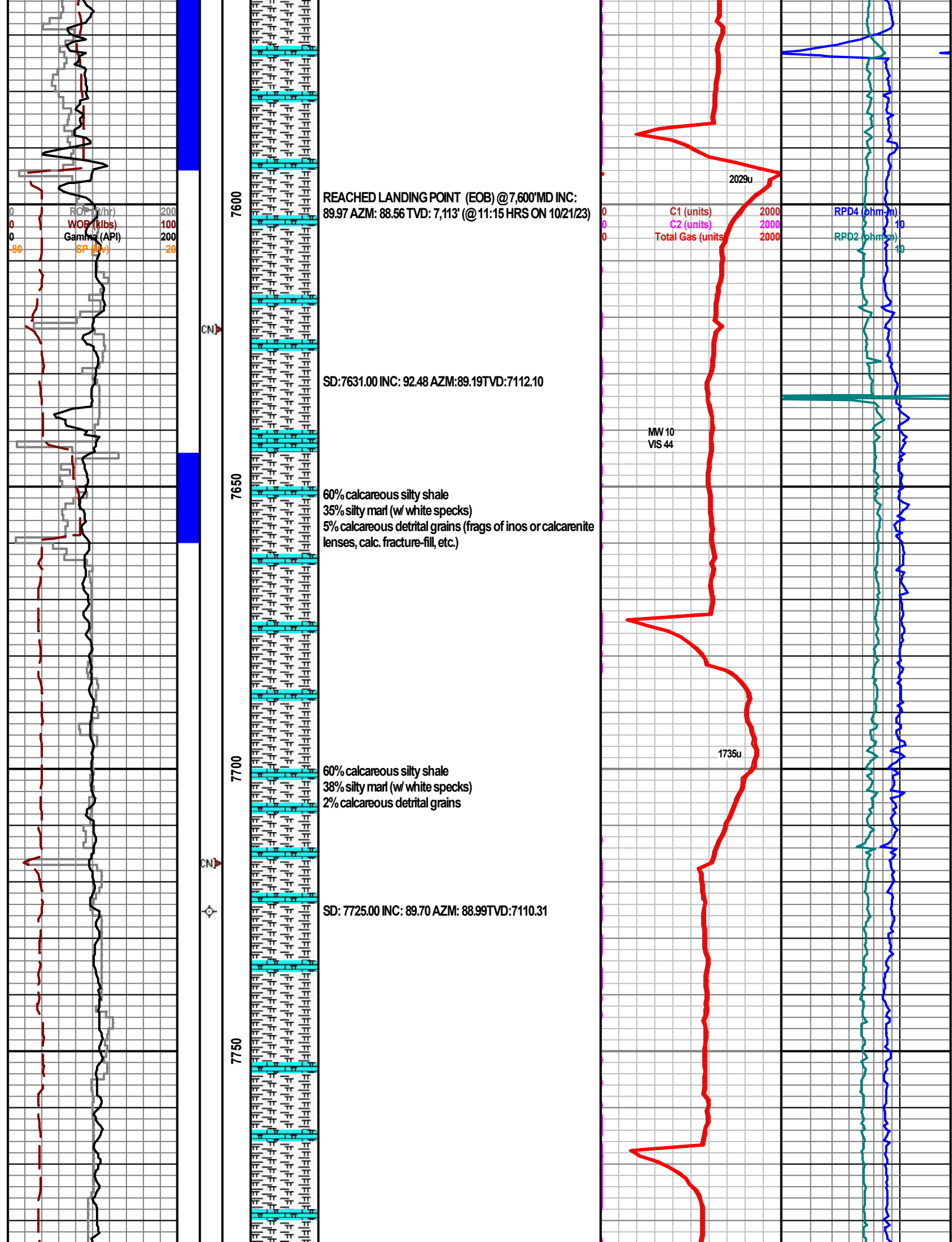


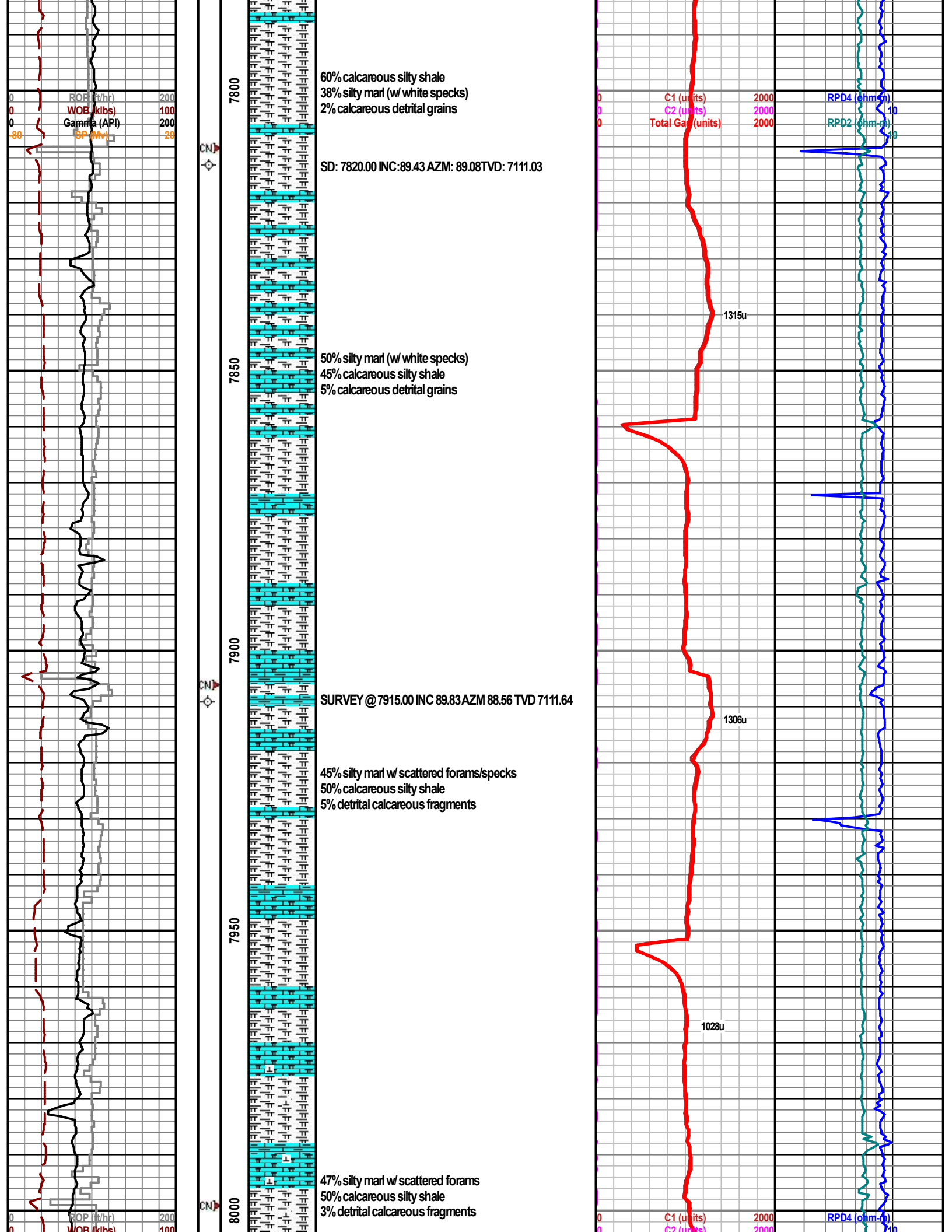


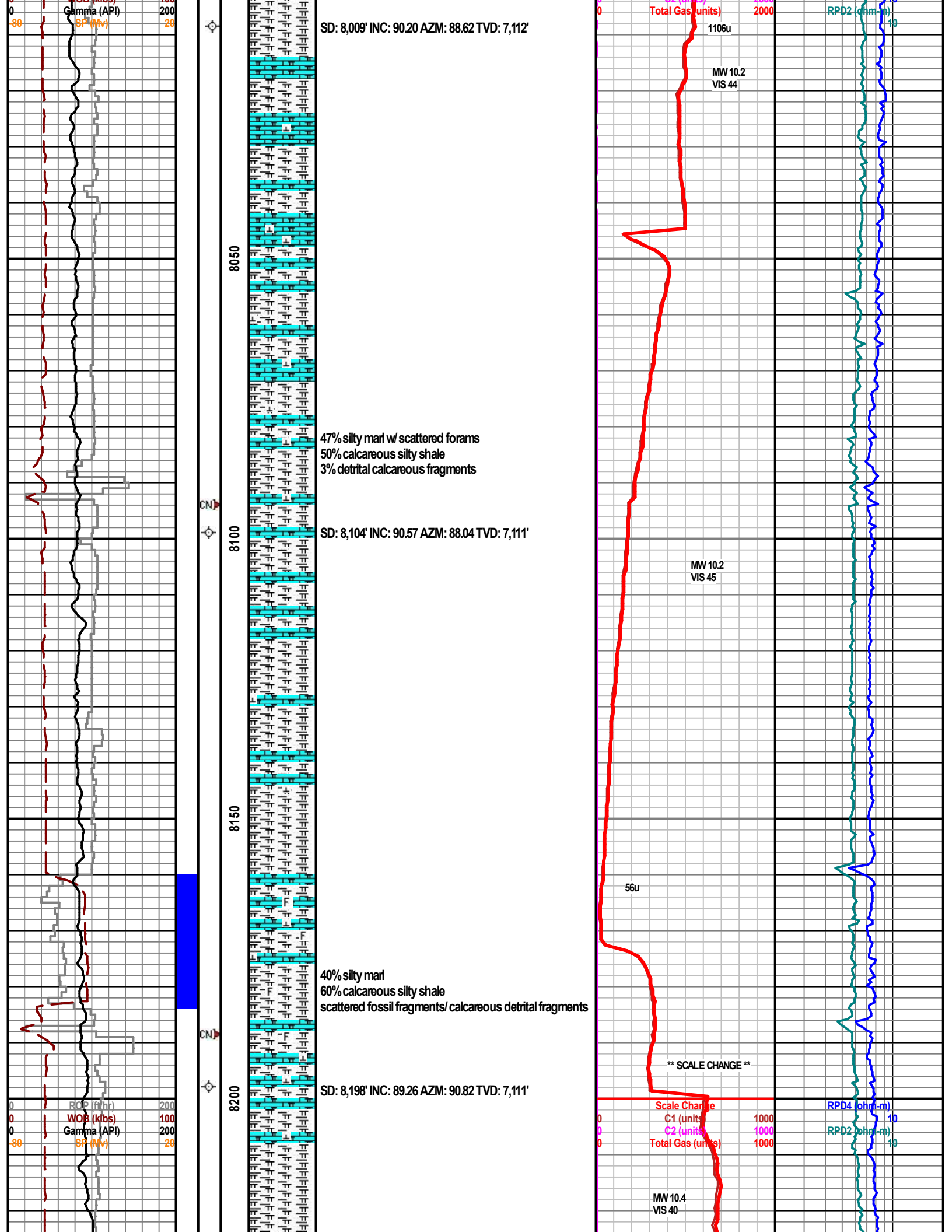


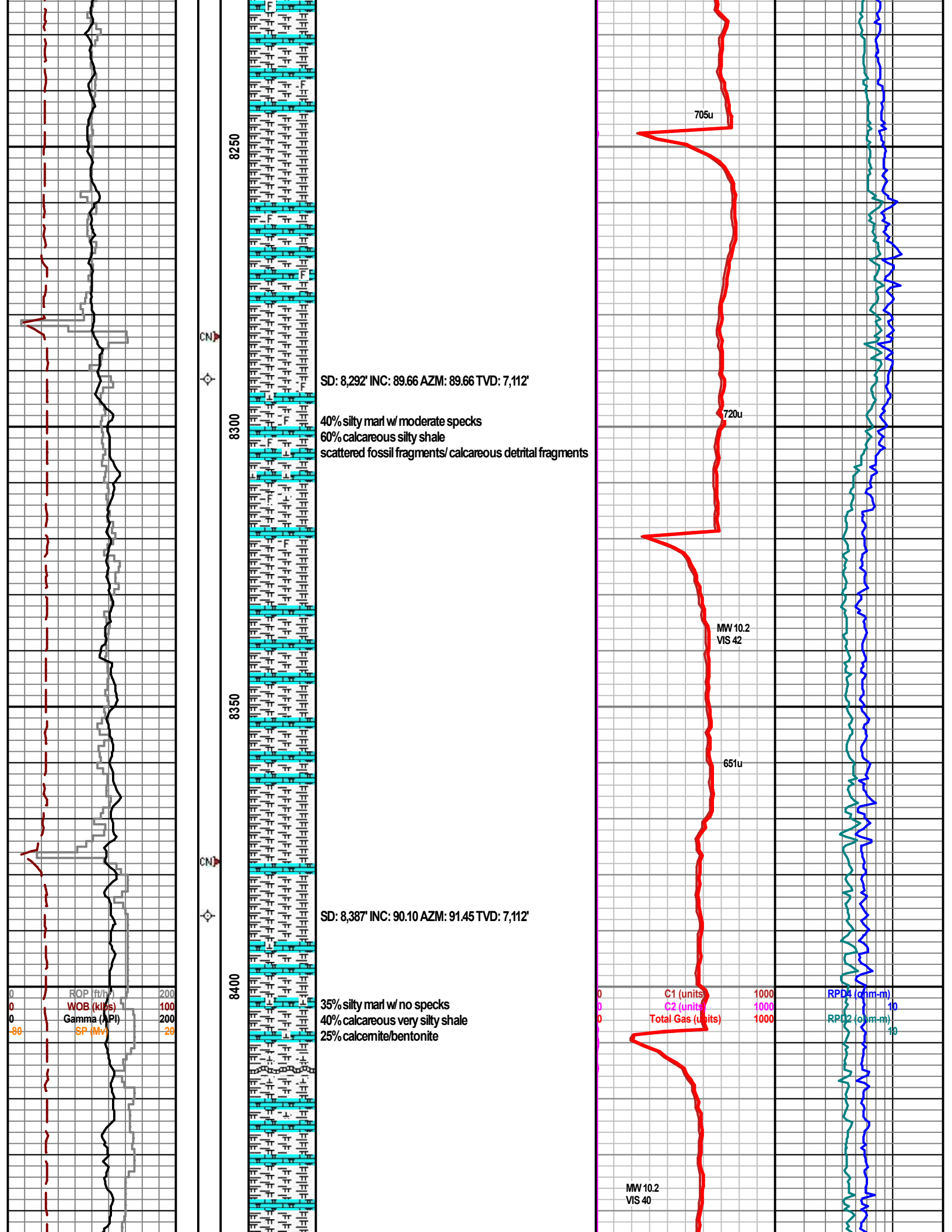


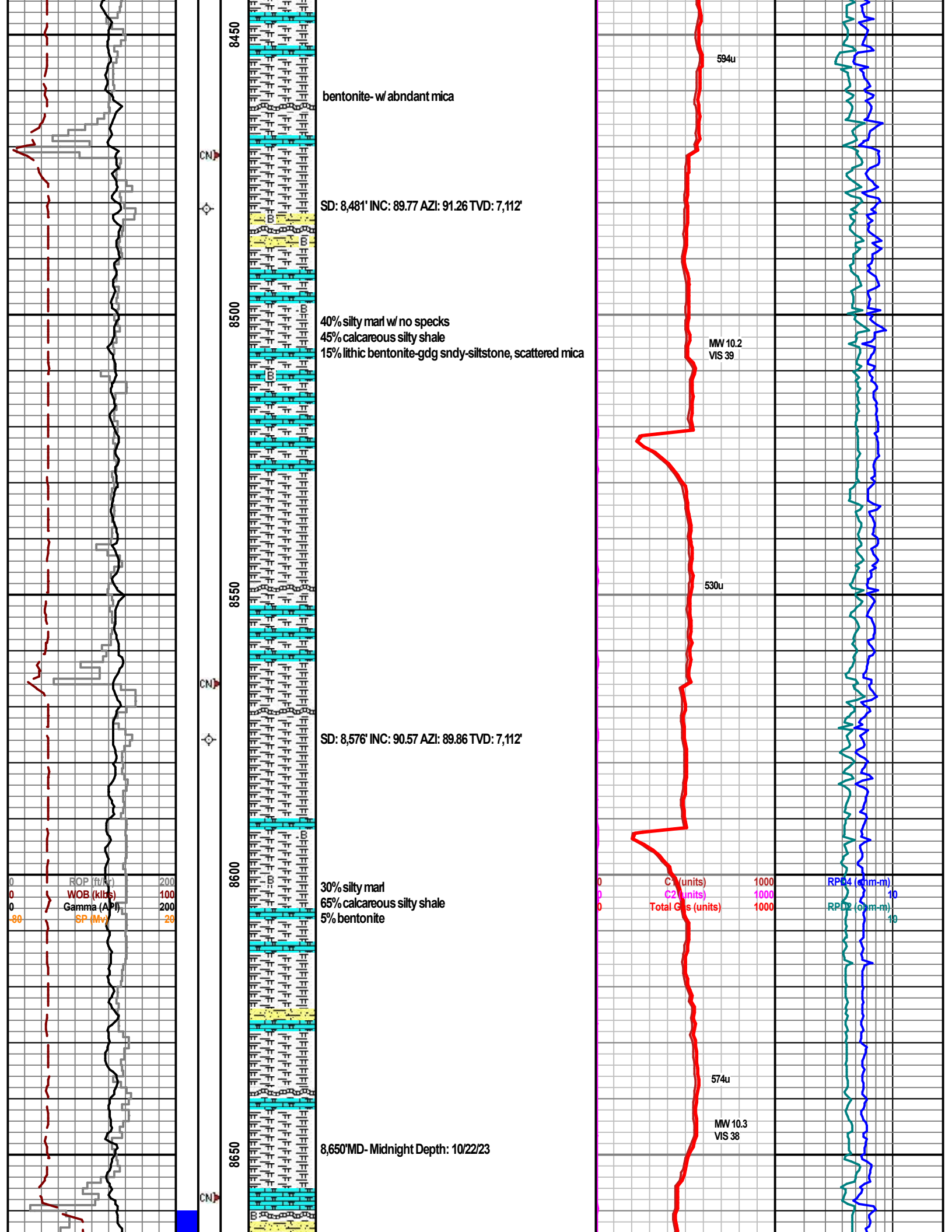


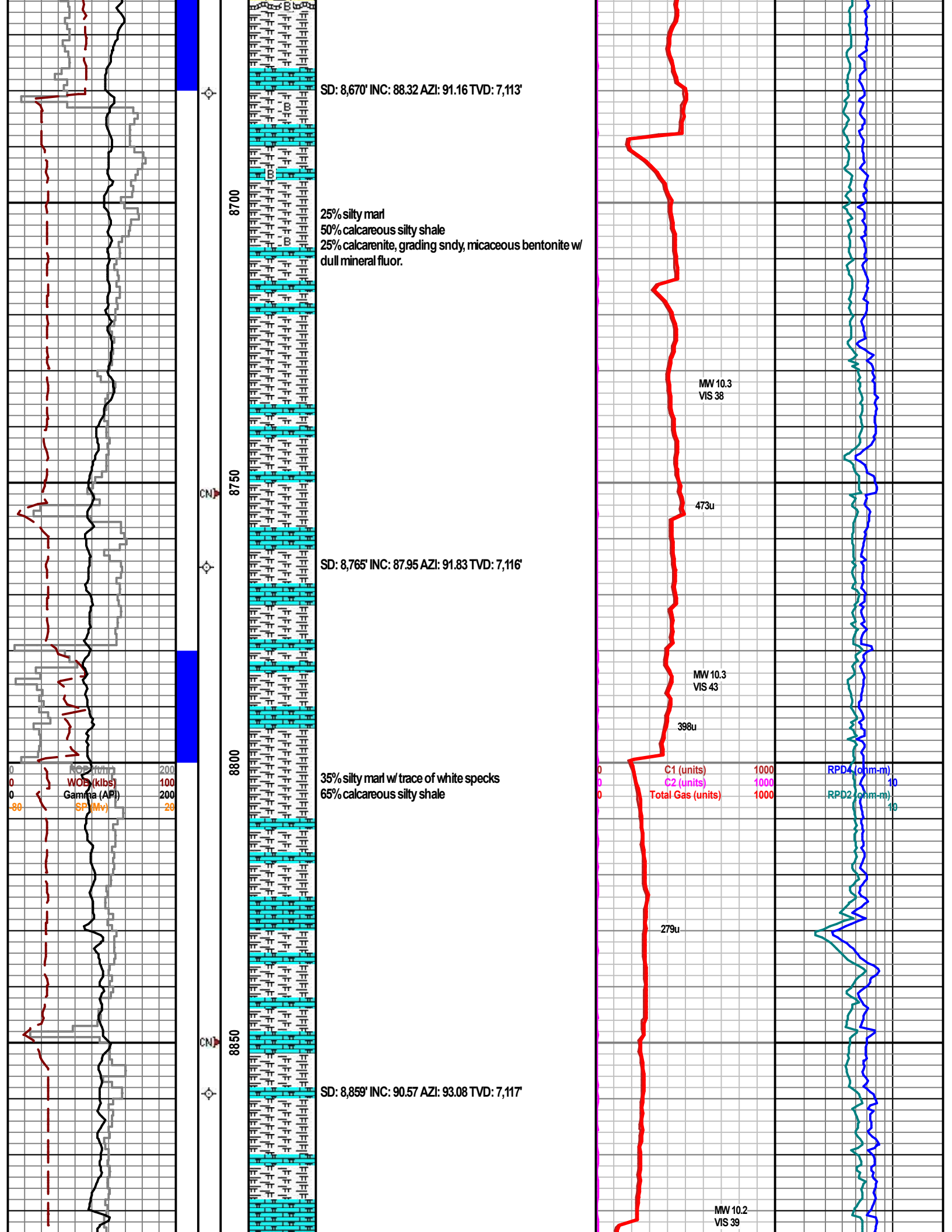


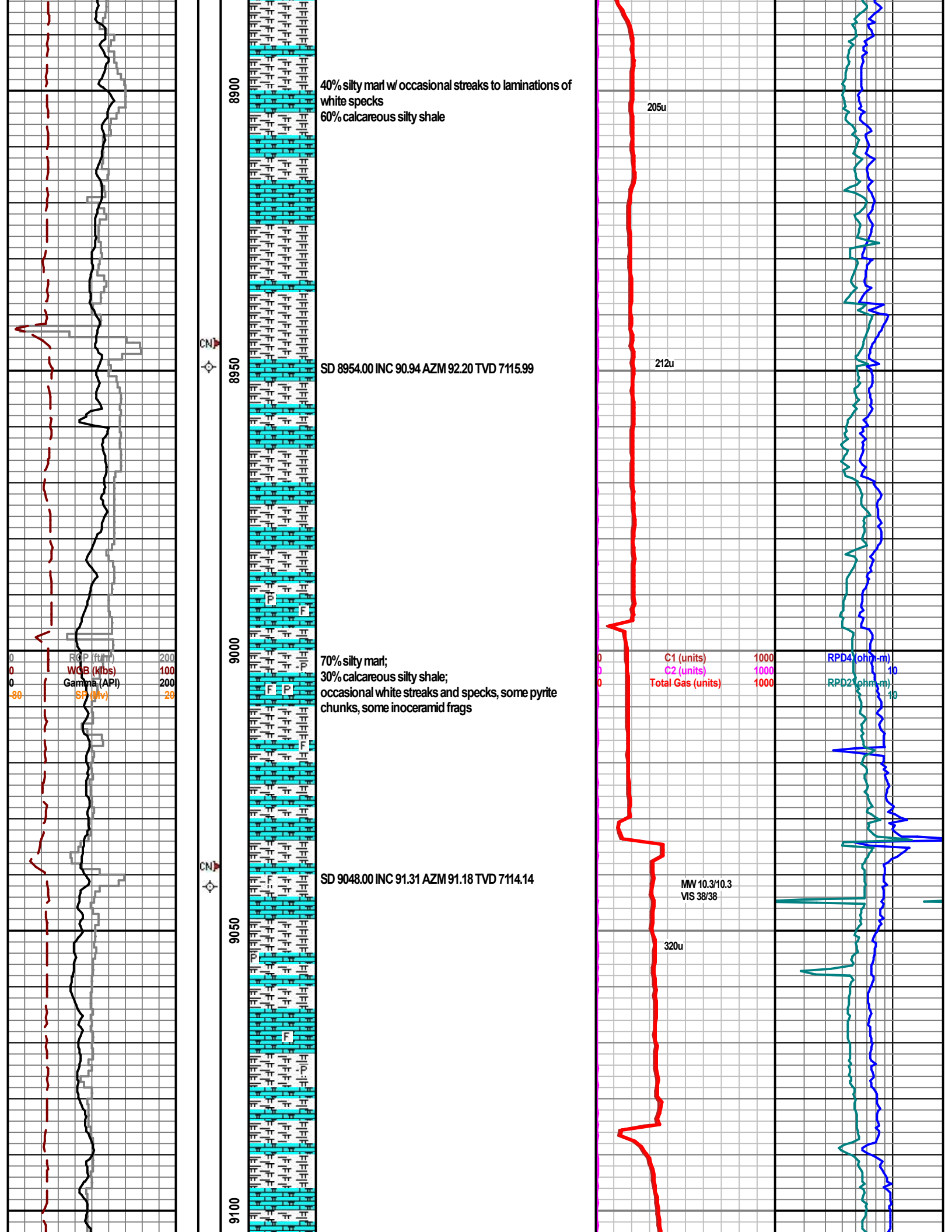


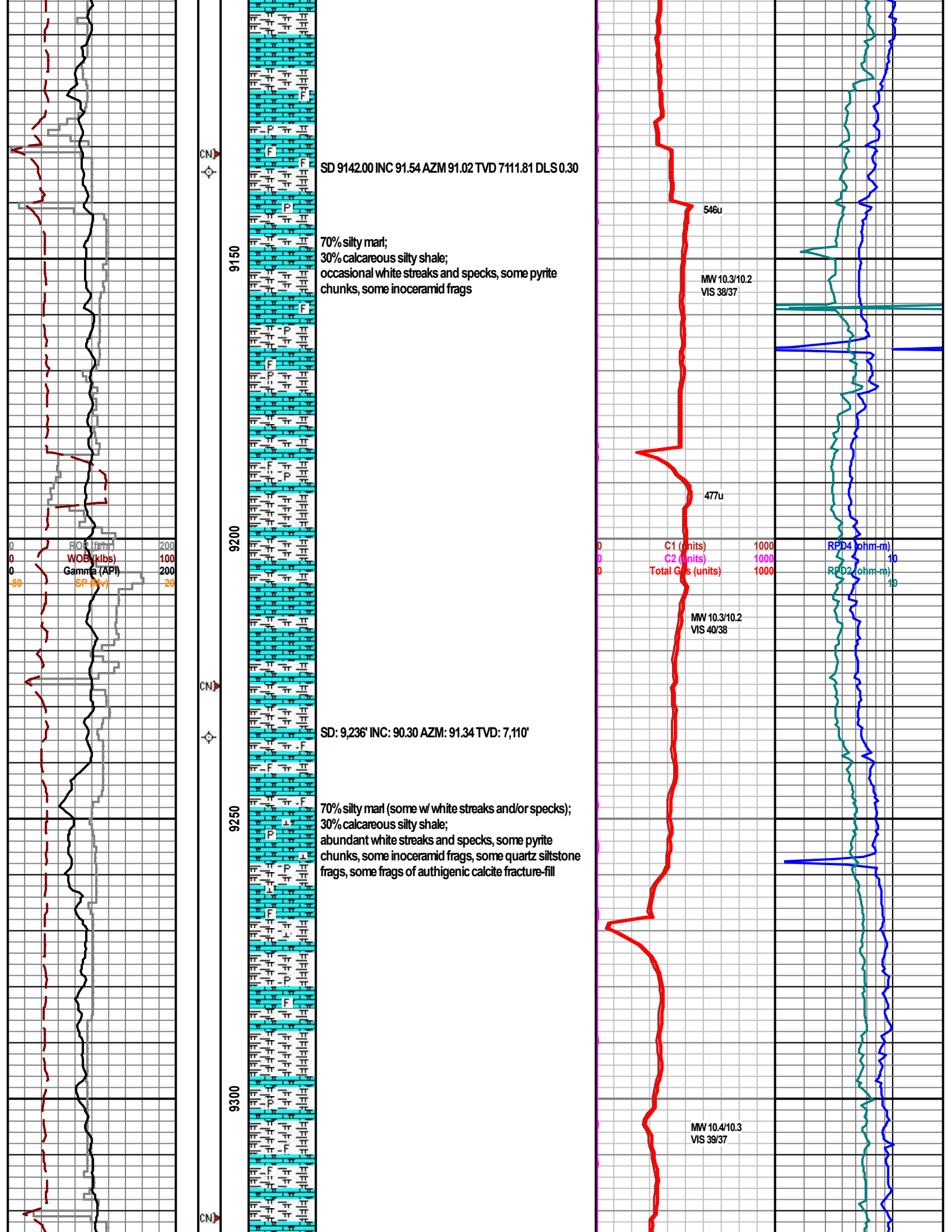


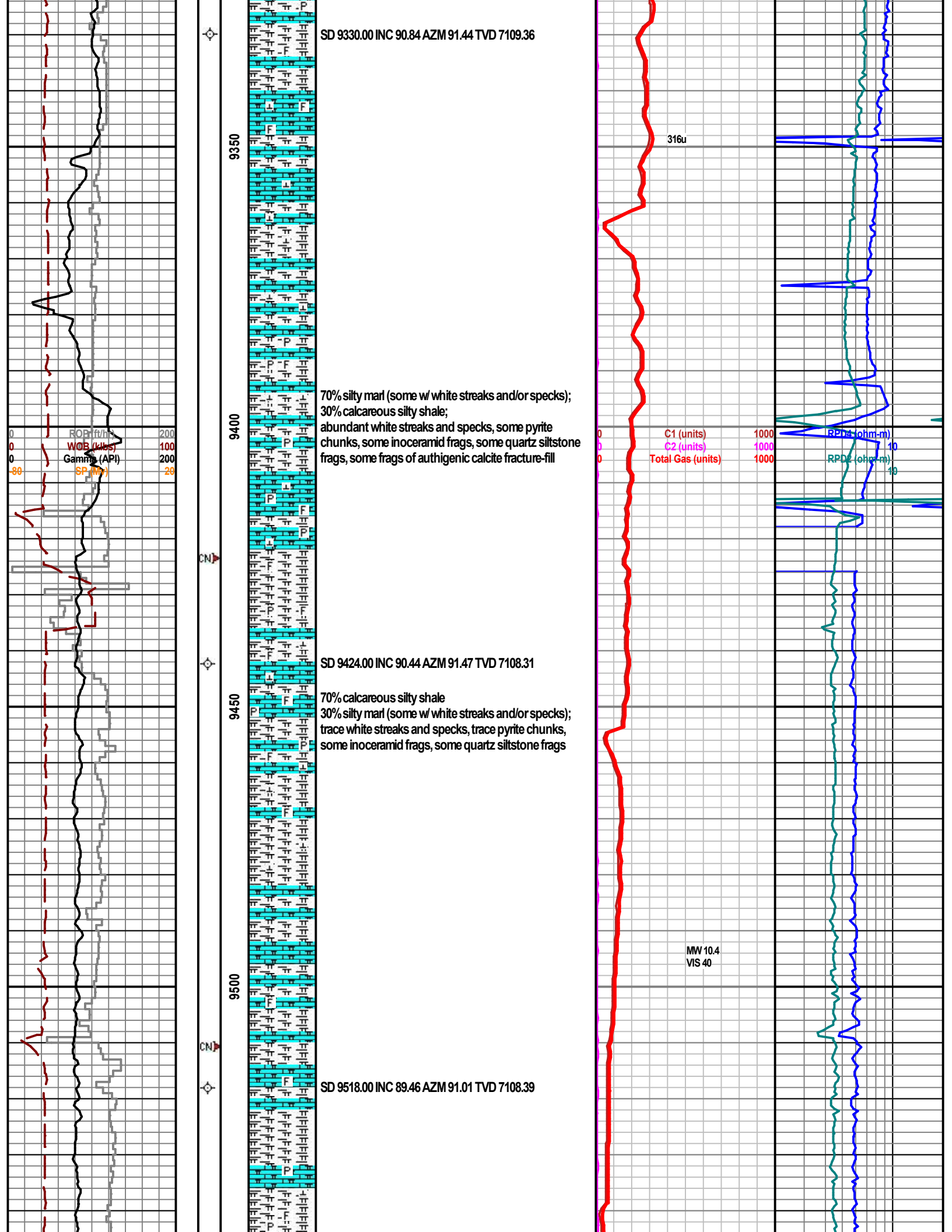












SD 9330.00 INC 90.84 AZM 91.44 TVD 7109.36

316u

9350

9400

70% silty marl (some w/ white streaks and/or specks);
30% calcareous silty shale;
abundant white streaks and specks, some pyrite
chunks, some inoceramid frags, some quartz siltstone
frags, some frags of authigenic calcite fracture-fill

C1 (units)
C2 (units)
Total Gas (units)

1000
1000
1000

RPA (ohm-m)
RPA (ohm-m)

10
10

CN

9450

SD 9424.00 INC 90.44 AZM 91.47 TVD 7108.31

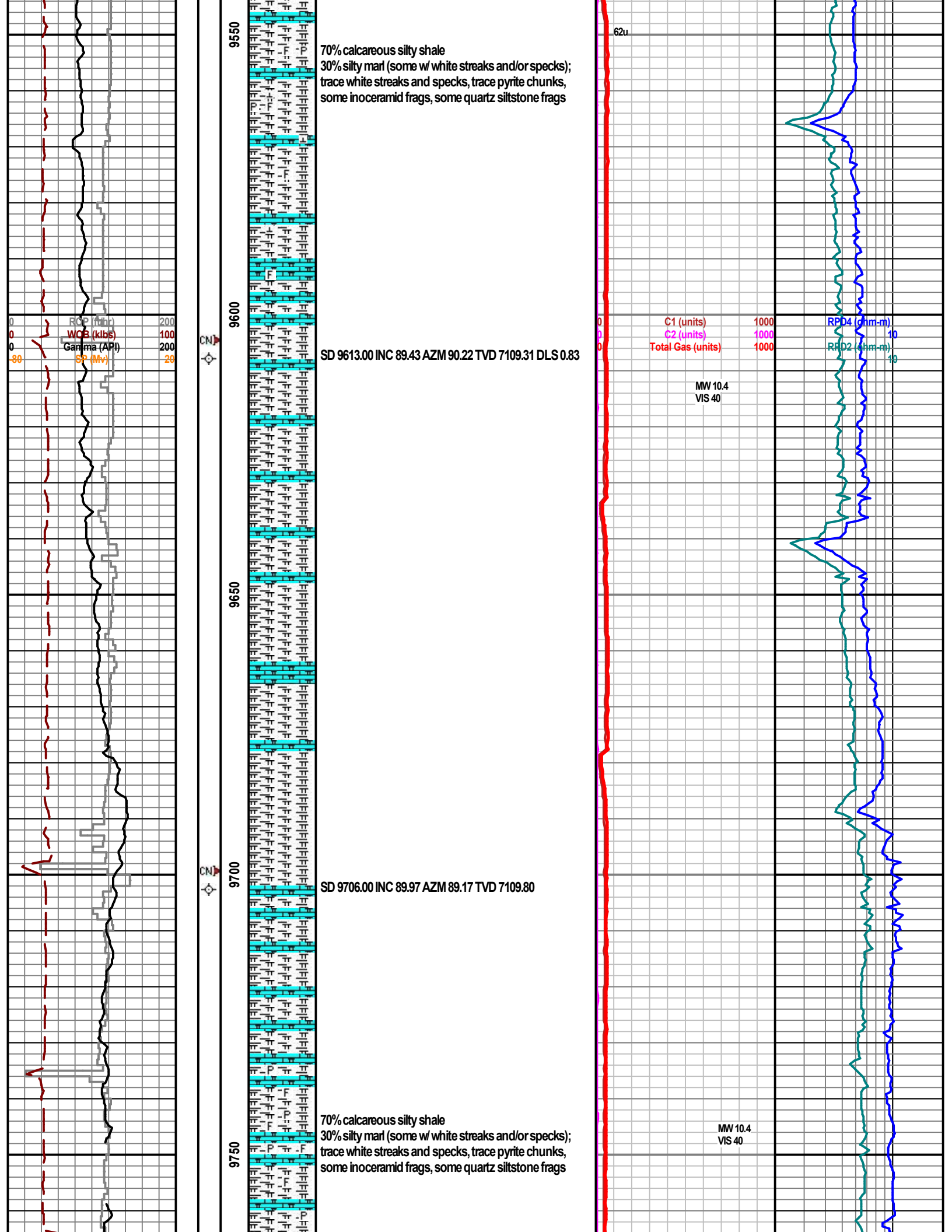
70% calcareous silty shale
30% silty marl (some w/ white streaks and/or specks);
trace white streaks and specks, trace pyrite chunks,
some inoceramid frags, some quartz siltstone frags

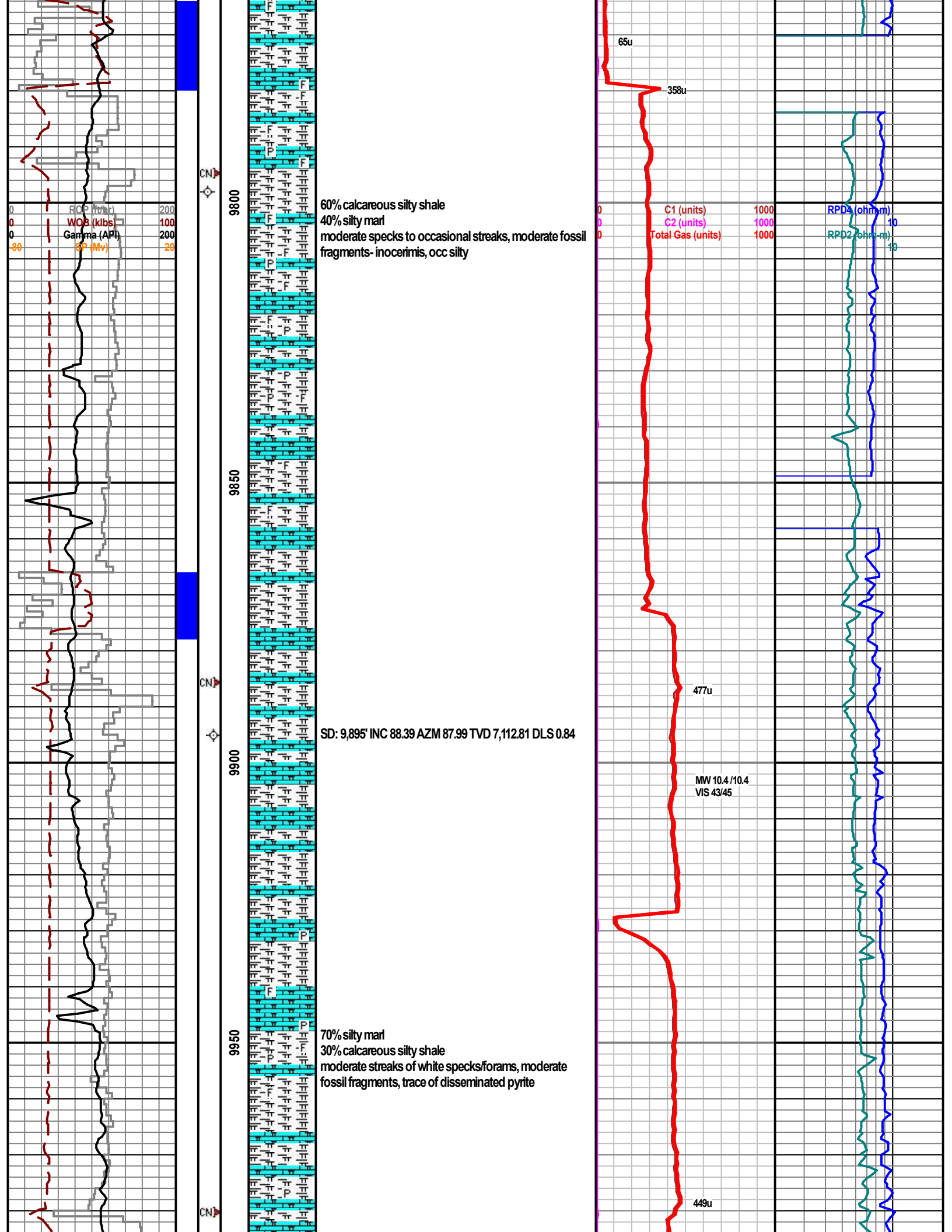
MW 10.4
VIS 40

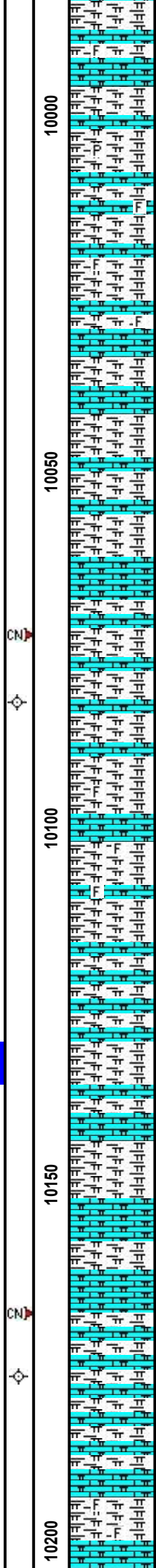
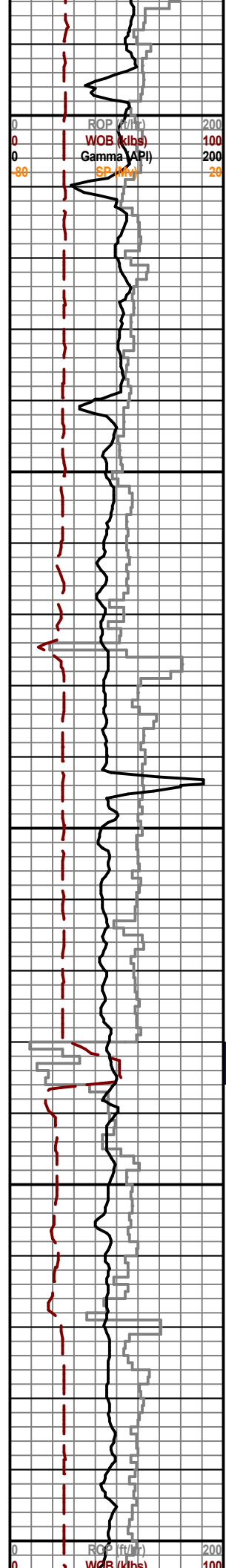
9500

CN

SD 9518.00 INC 89.46 AZM 91.01 TVD 7108.39







sample at 10,020';
60% silty marl
40% calcareous silty shale
moderate fossil fragments, occasional white streaks with specks

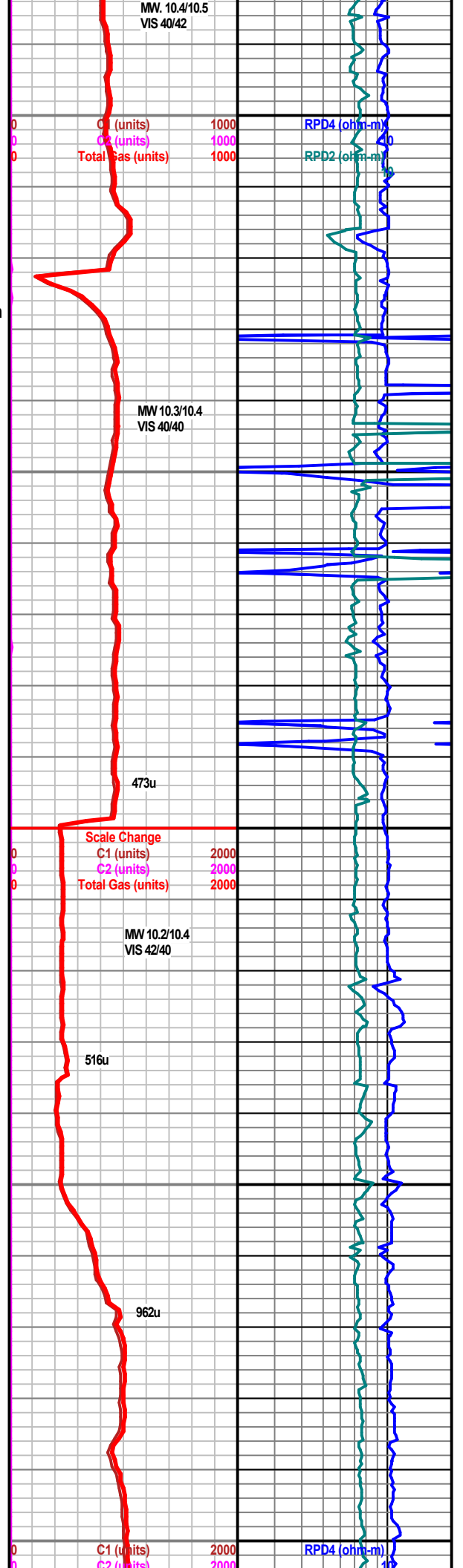
SD: 10,082' INC 87.75 AZM 85.16 TVD 7,119'

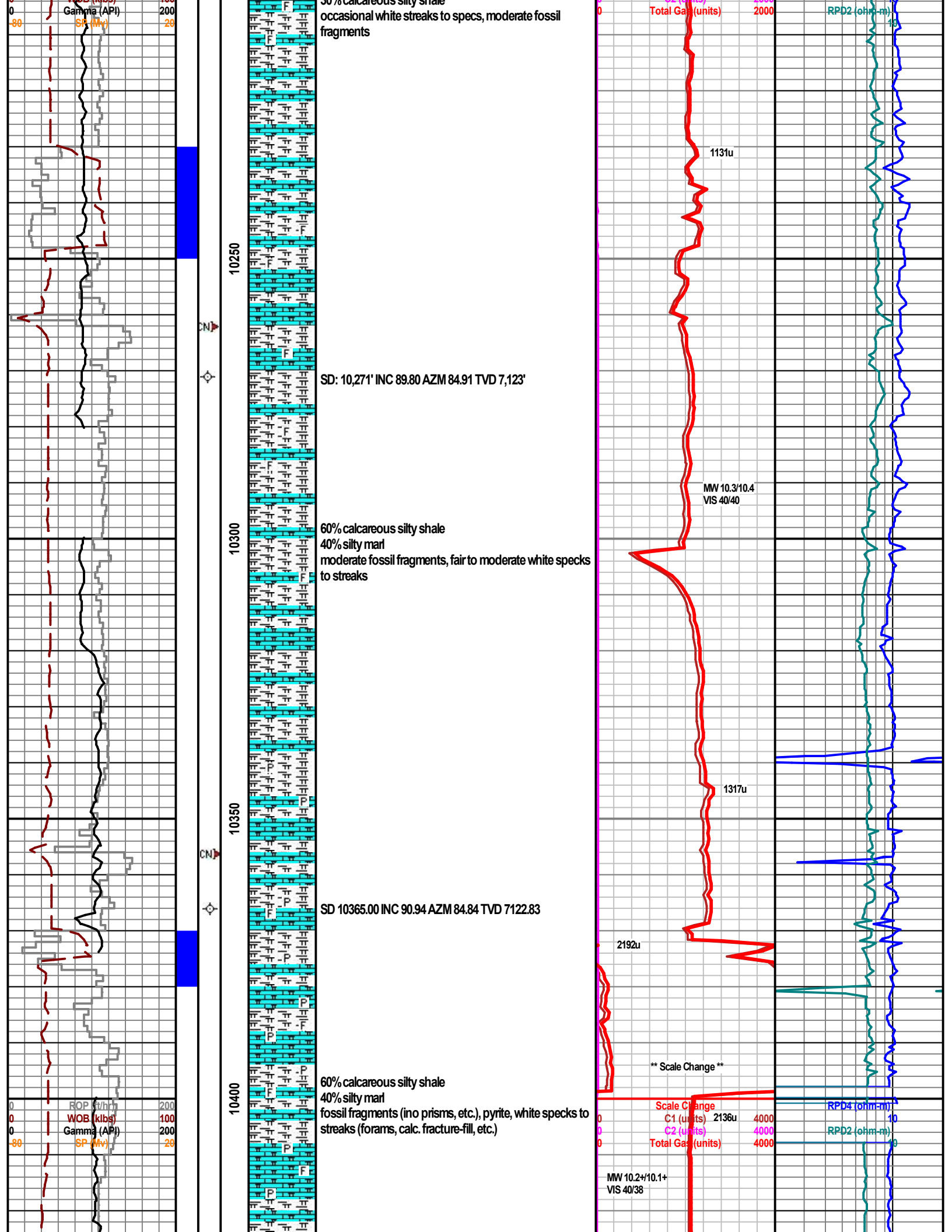
70% silty marl
30% calcareous silty shale
moderate fossil fragments
moderate white streaks w/ specs

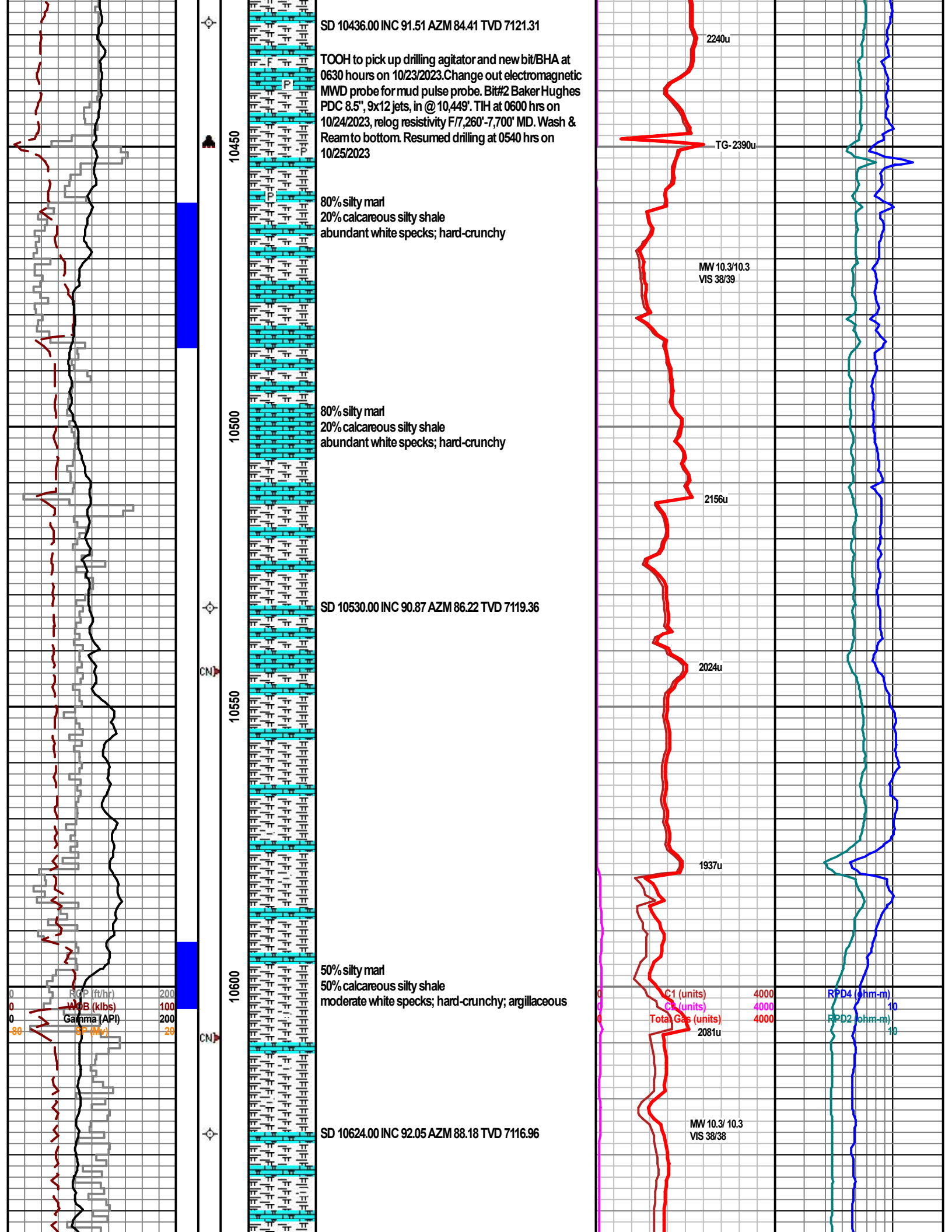
10,136' MD - MIDNIGHT DEPTH-10/23/2023

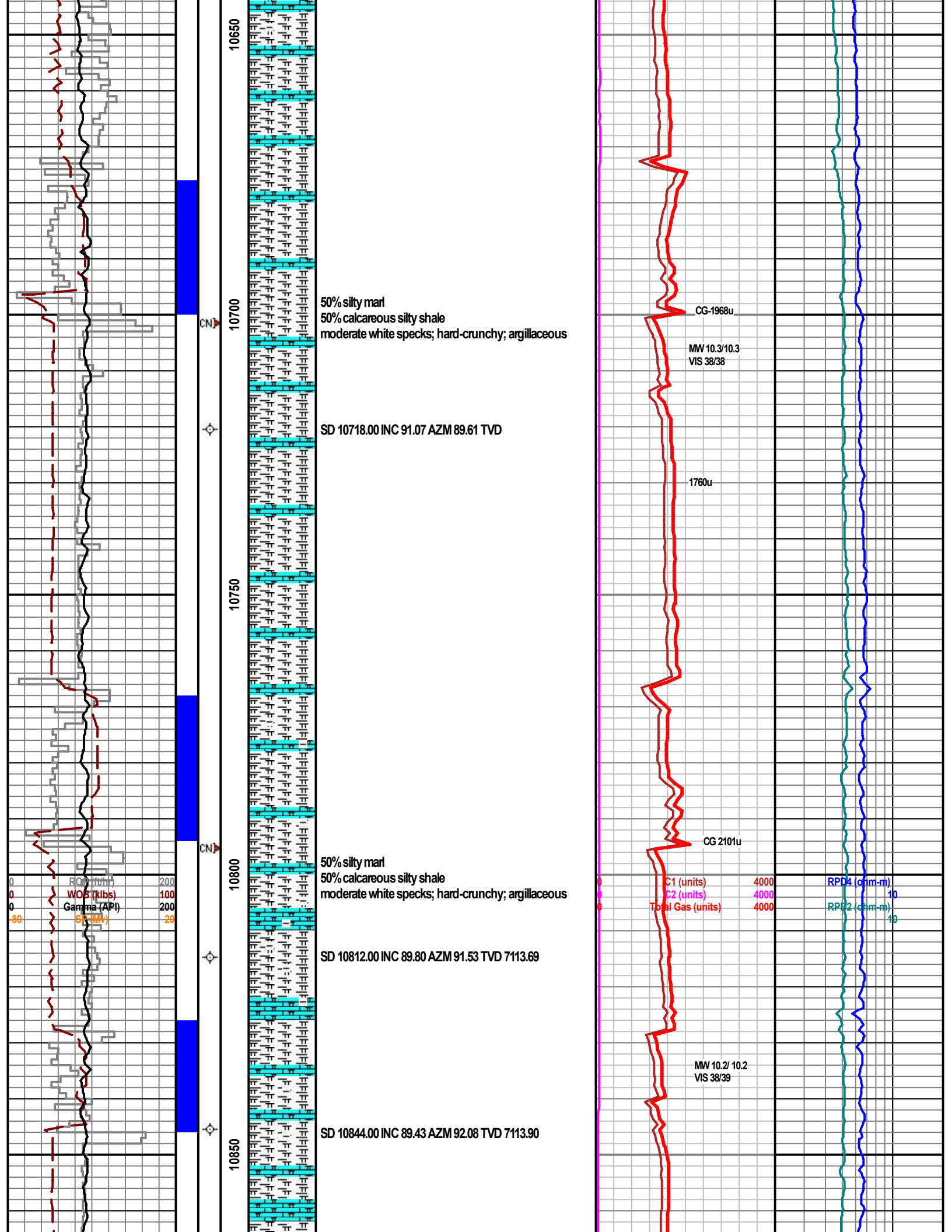
SD: 10,177' INC 88.66 AZM 83.87 TVD 7,122'

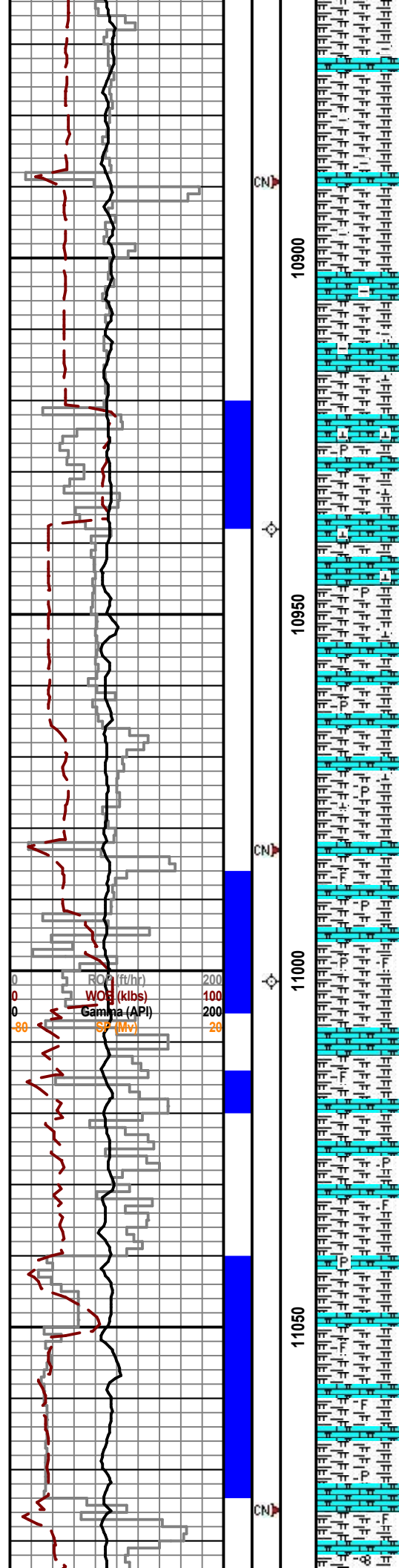
70% silty marl
30% calcareous silty shale









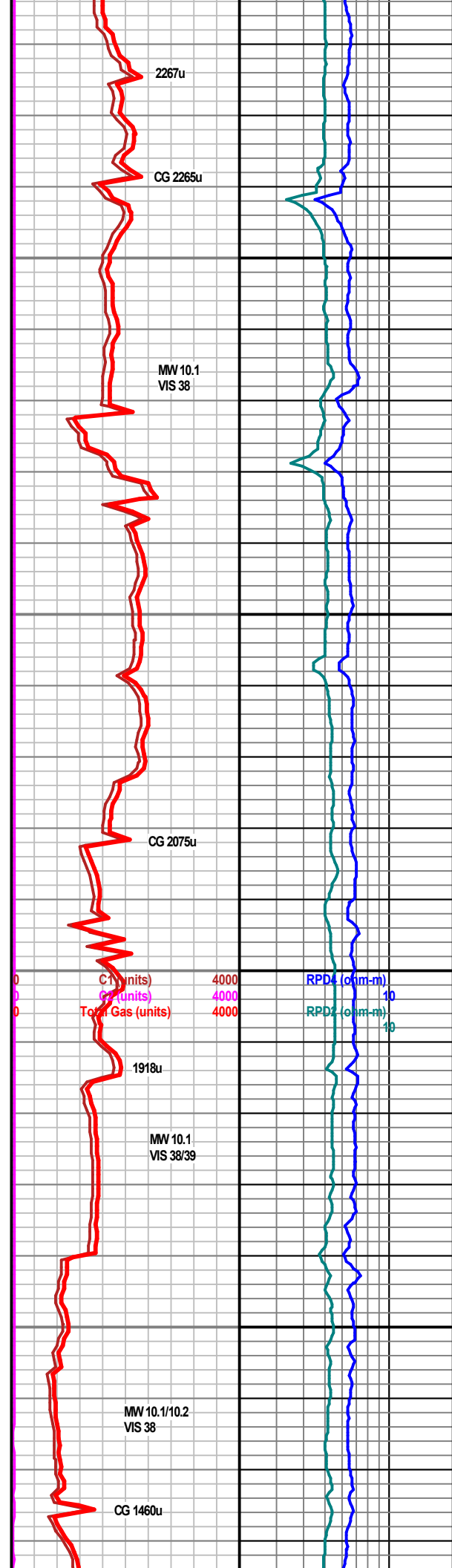


50% silty marl
50% calcareous silty shale
moderate white specks; hard-crunchy; argillaceous

SD: 10938' INC 89.63 AZM 93.12 TVD 7115'

40% silty marl
60% calcareous silty shale
fair white specks; firm to hard, rare frac fill calcite, trace
fossil fragments, rare pyr

SD: 11001' INC 89.03 AZM 93.19 TVD 7115'



2267u

CG 2265u

MW 10.1
VIS 38

CG 2075u

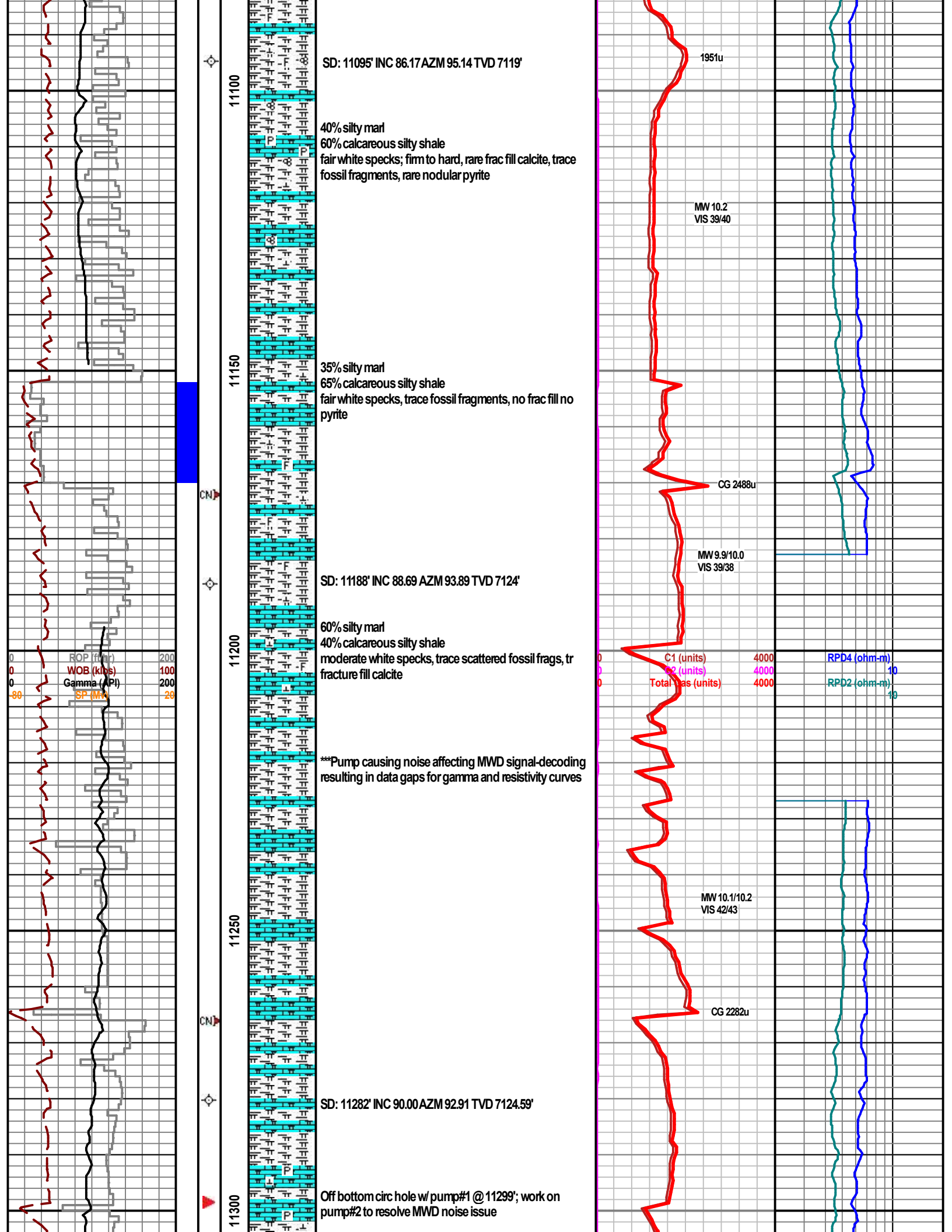
C1 (units) 4000 RPD1 (oim-m) 10
C2 (units) 4000 RPD2 (oim-m) 10
Total Gas (units) 4000

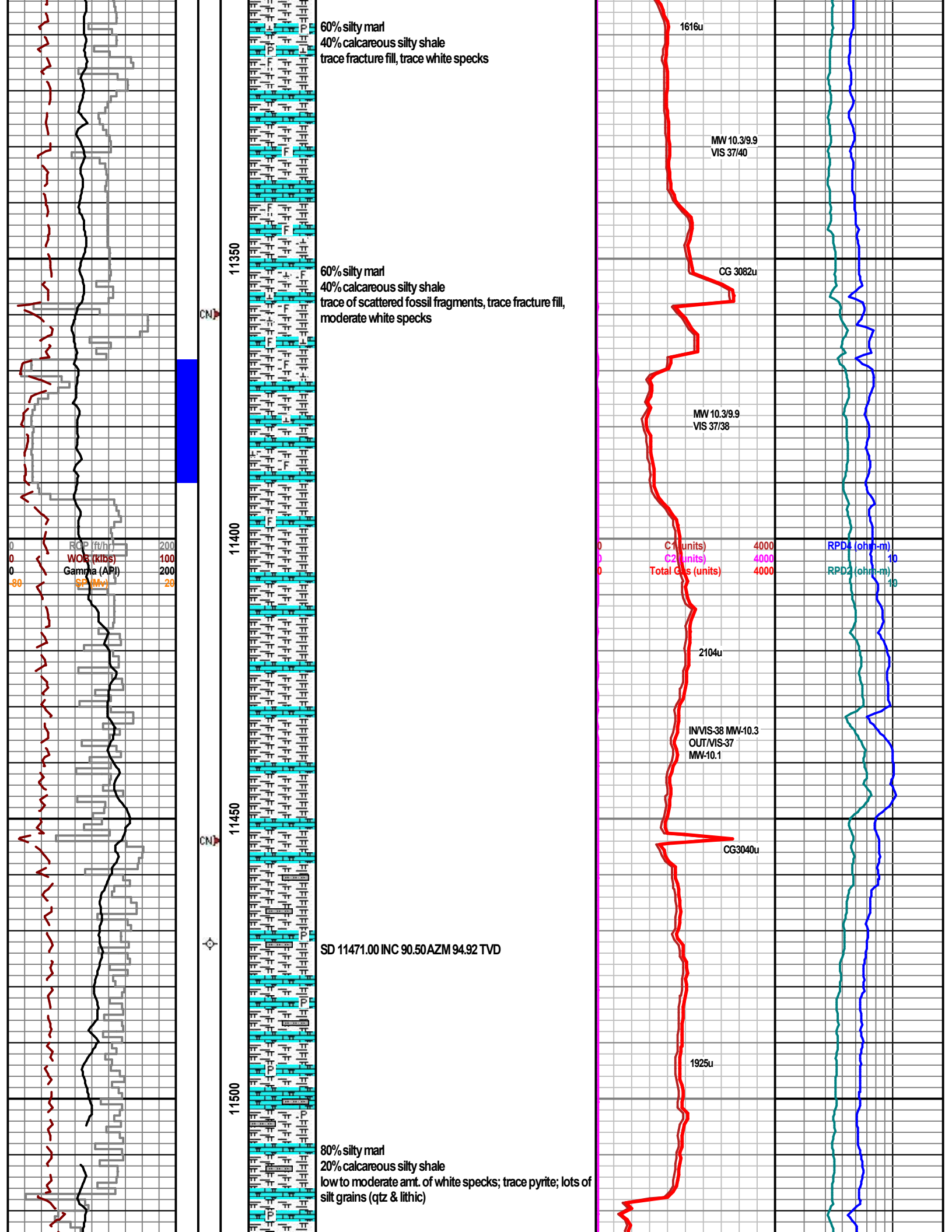
1918u

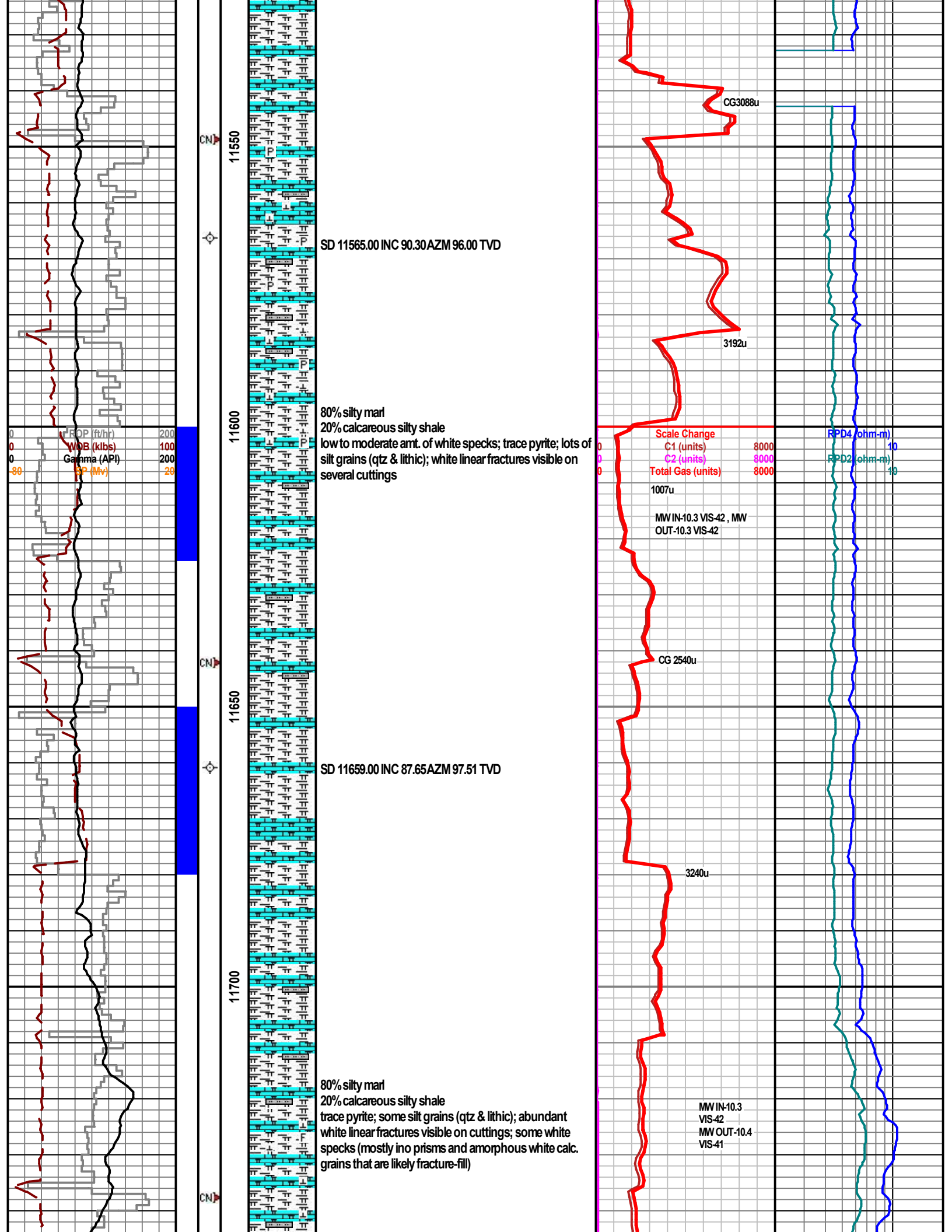
MW 10.1
VIS 38/39

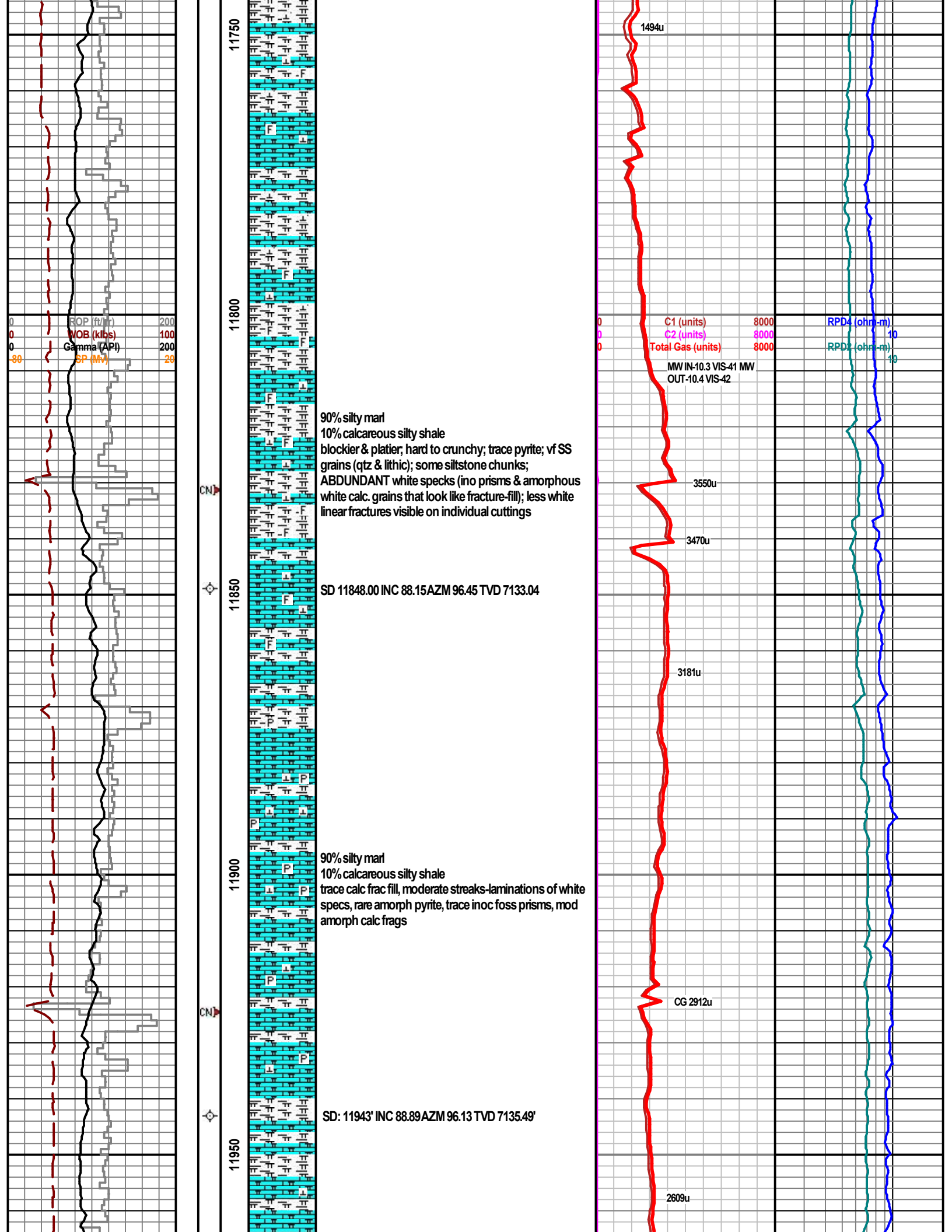
MW 10.1/10.2
VIS 38

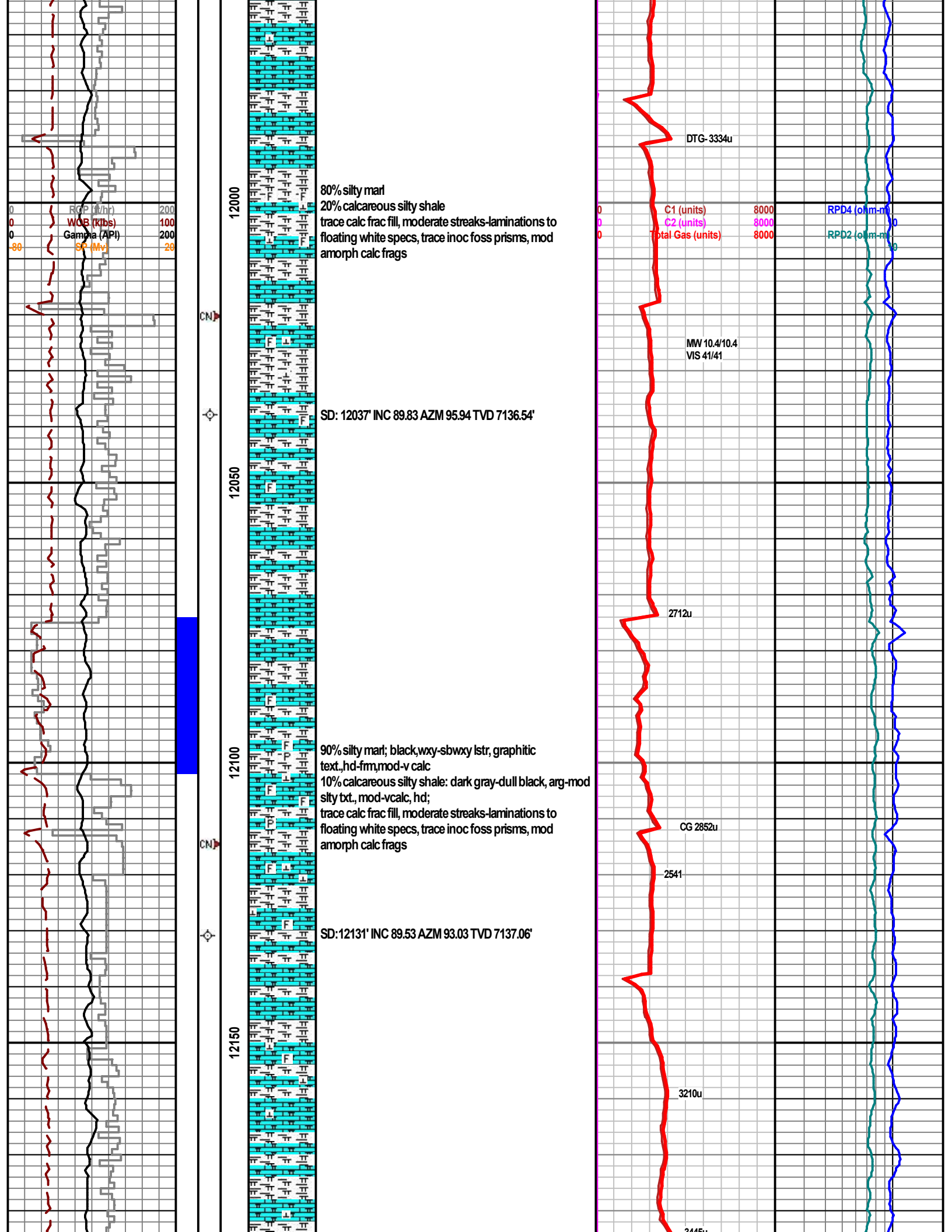
CG 1460u

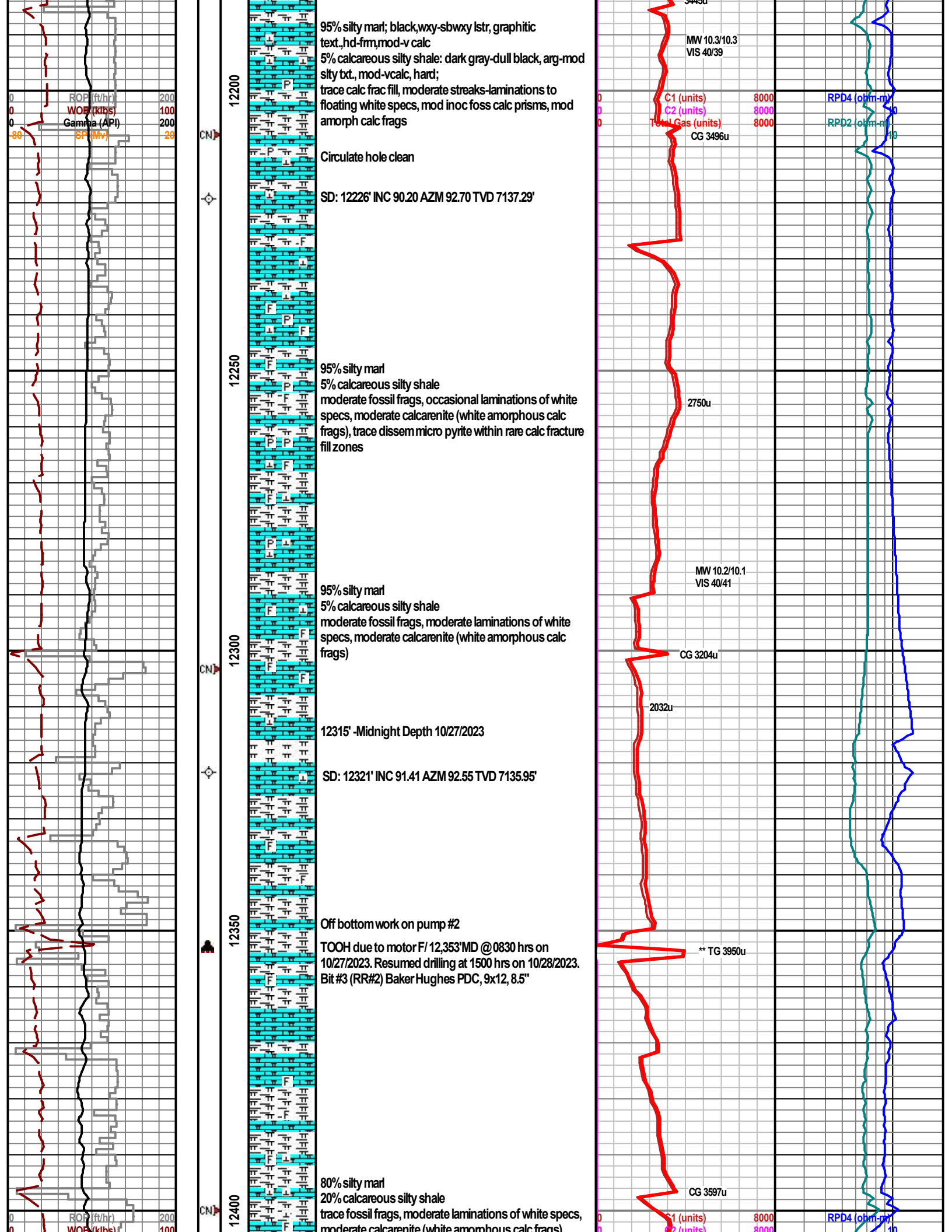


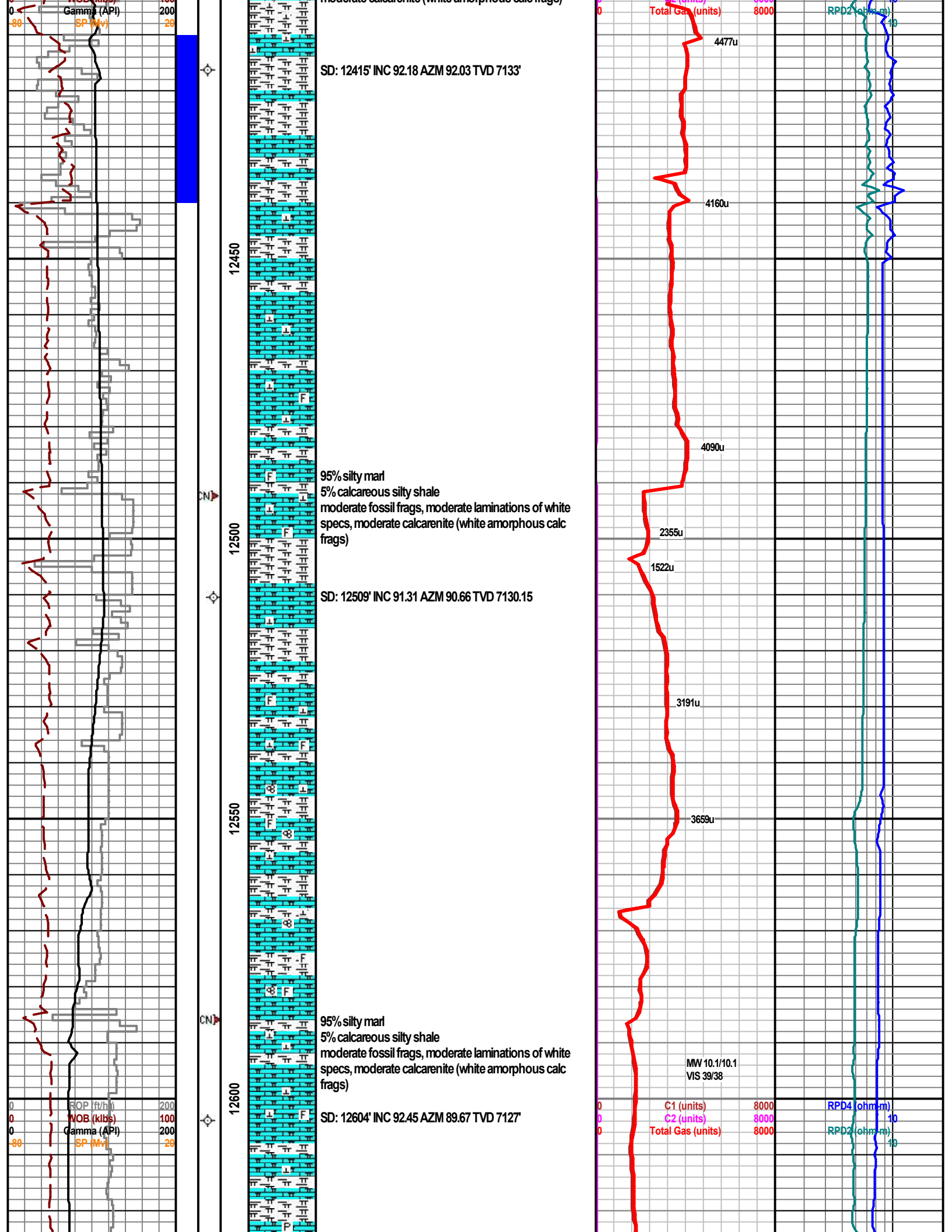


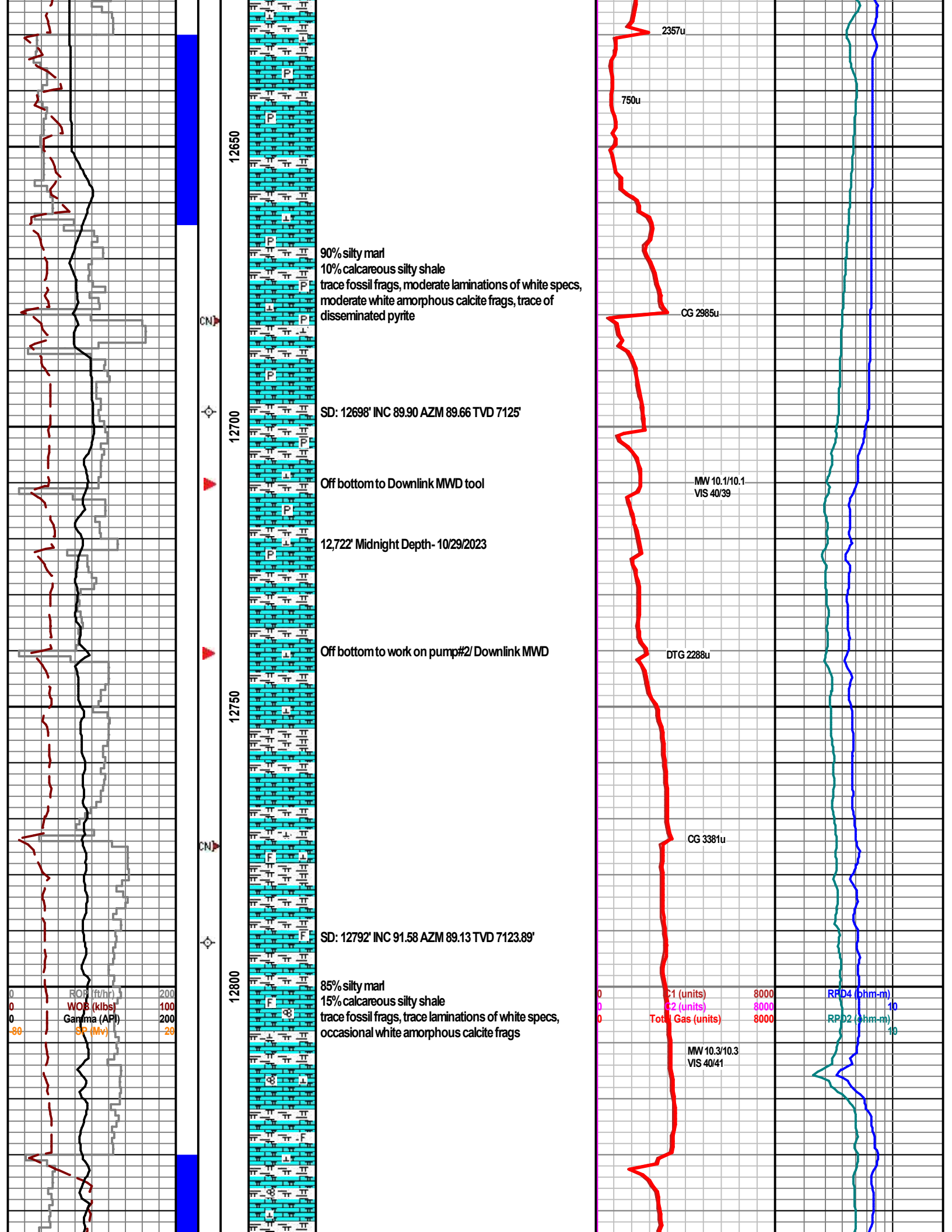


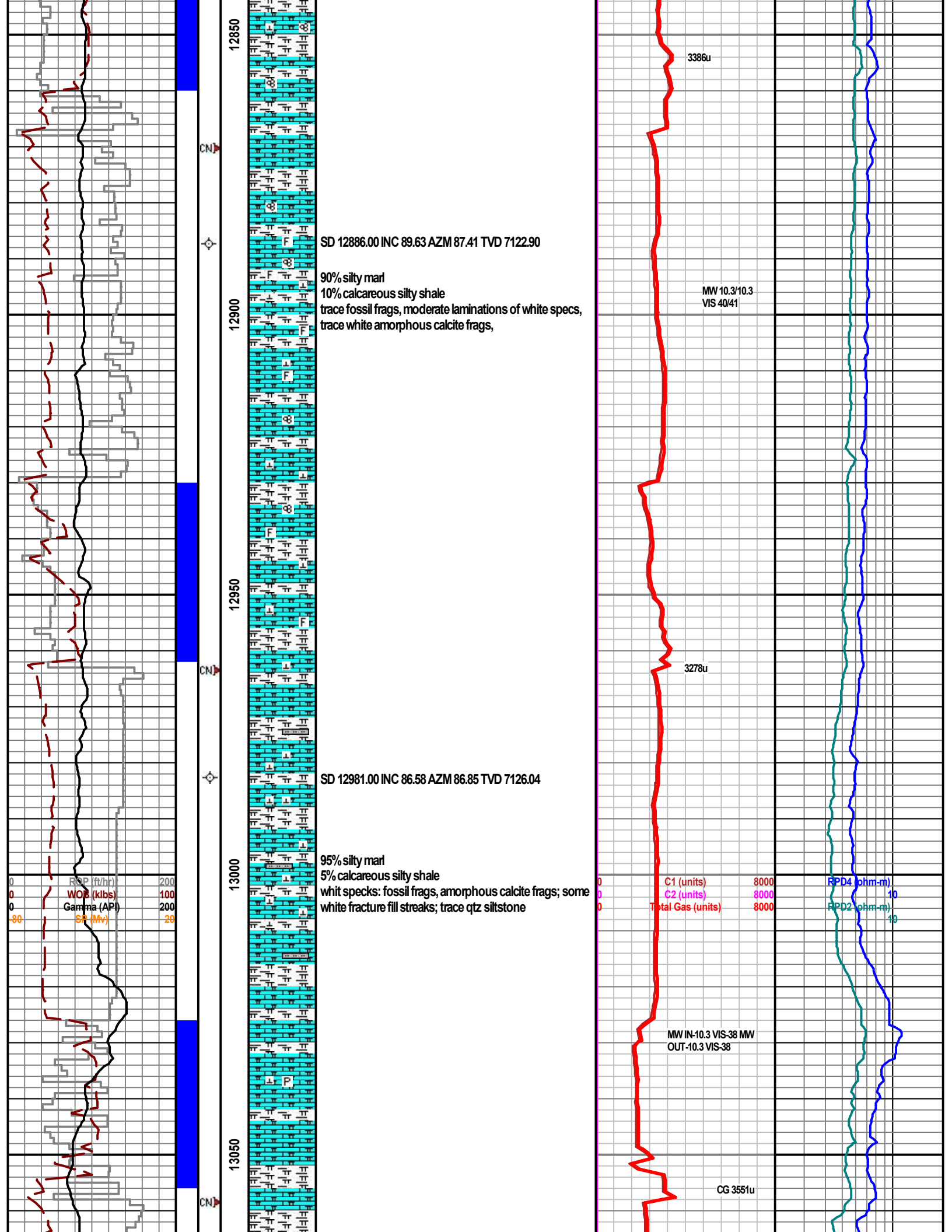


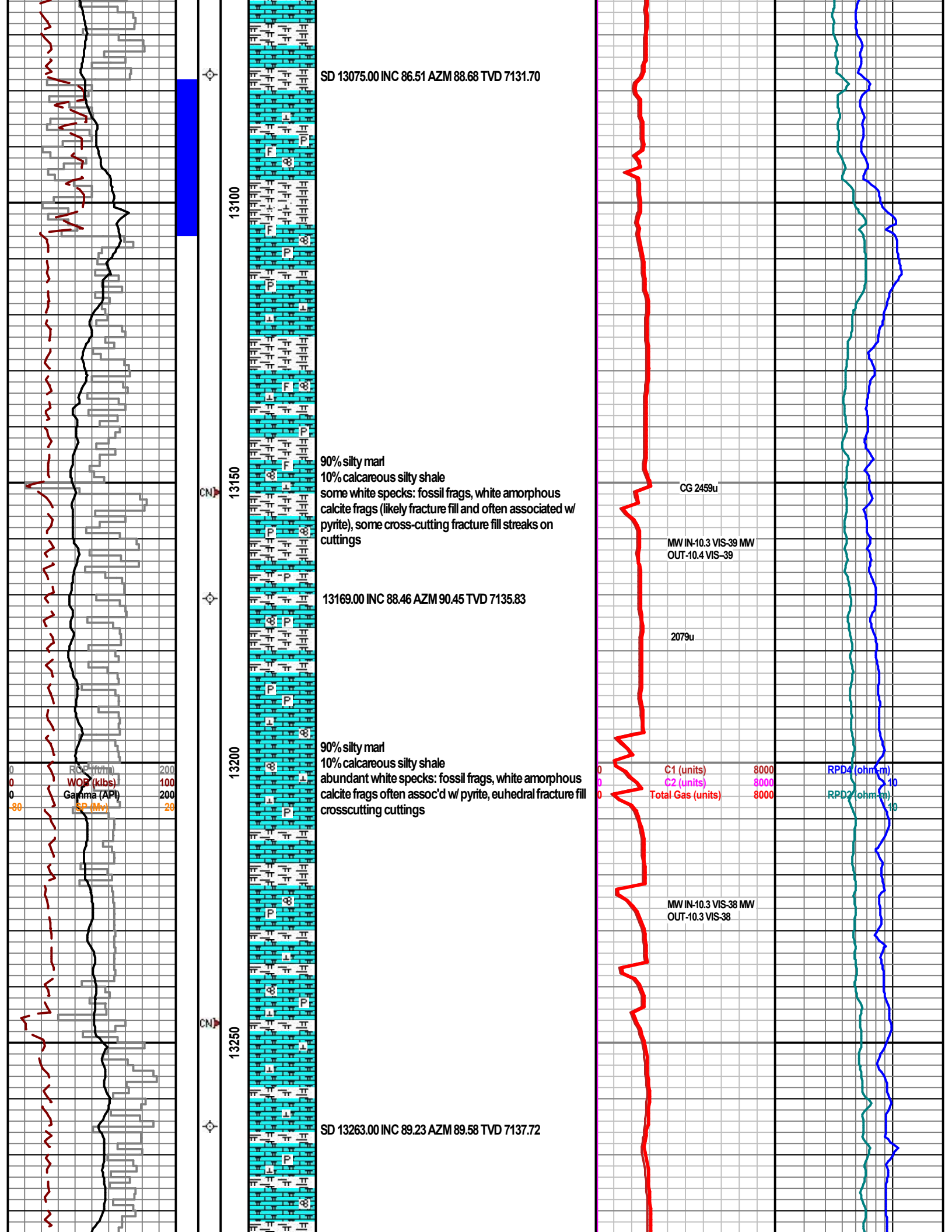


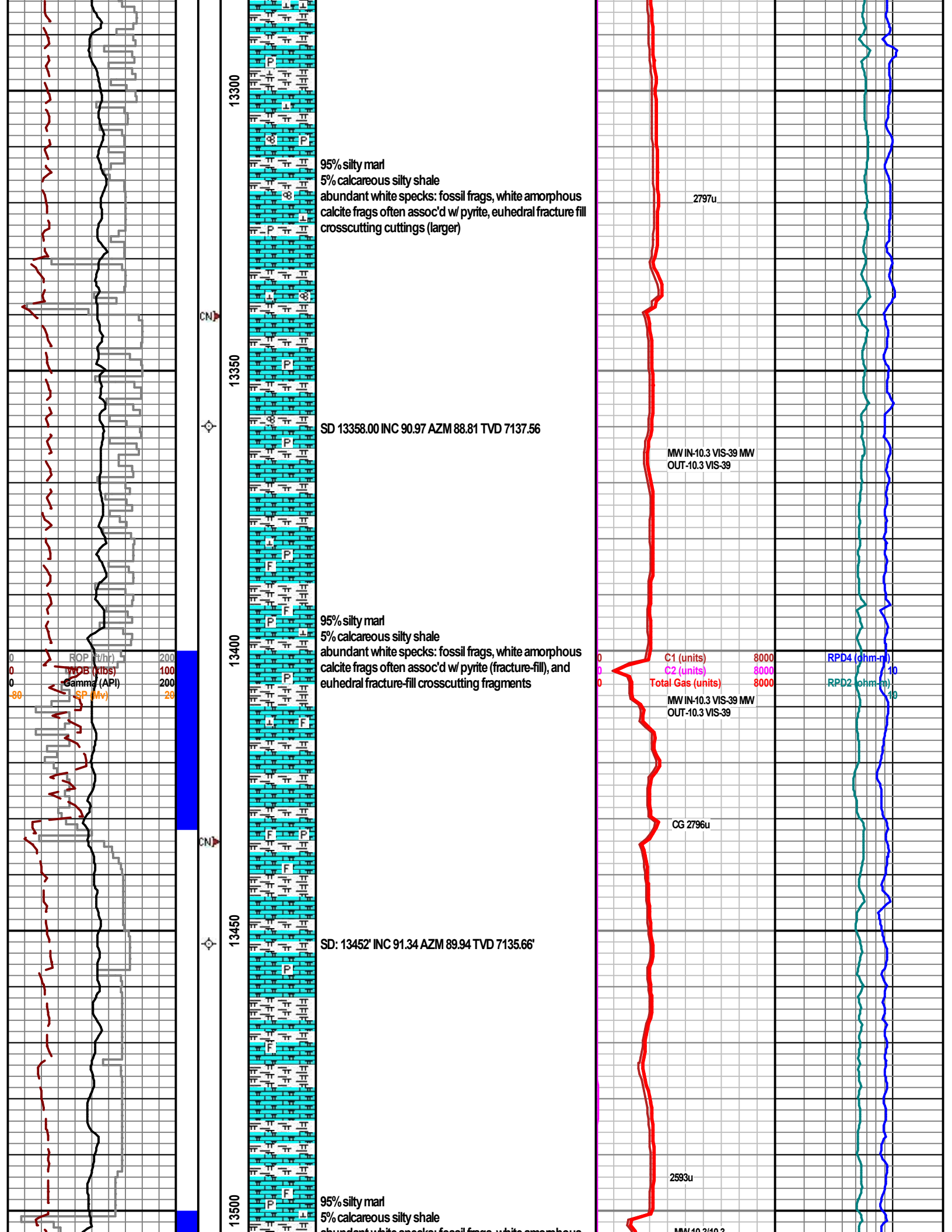


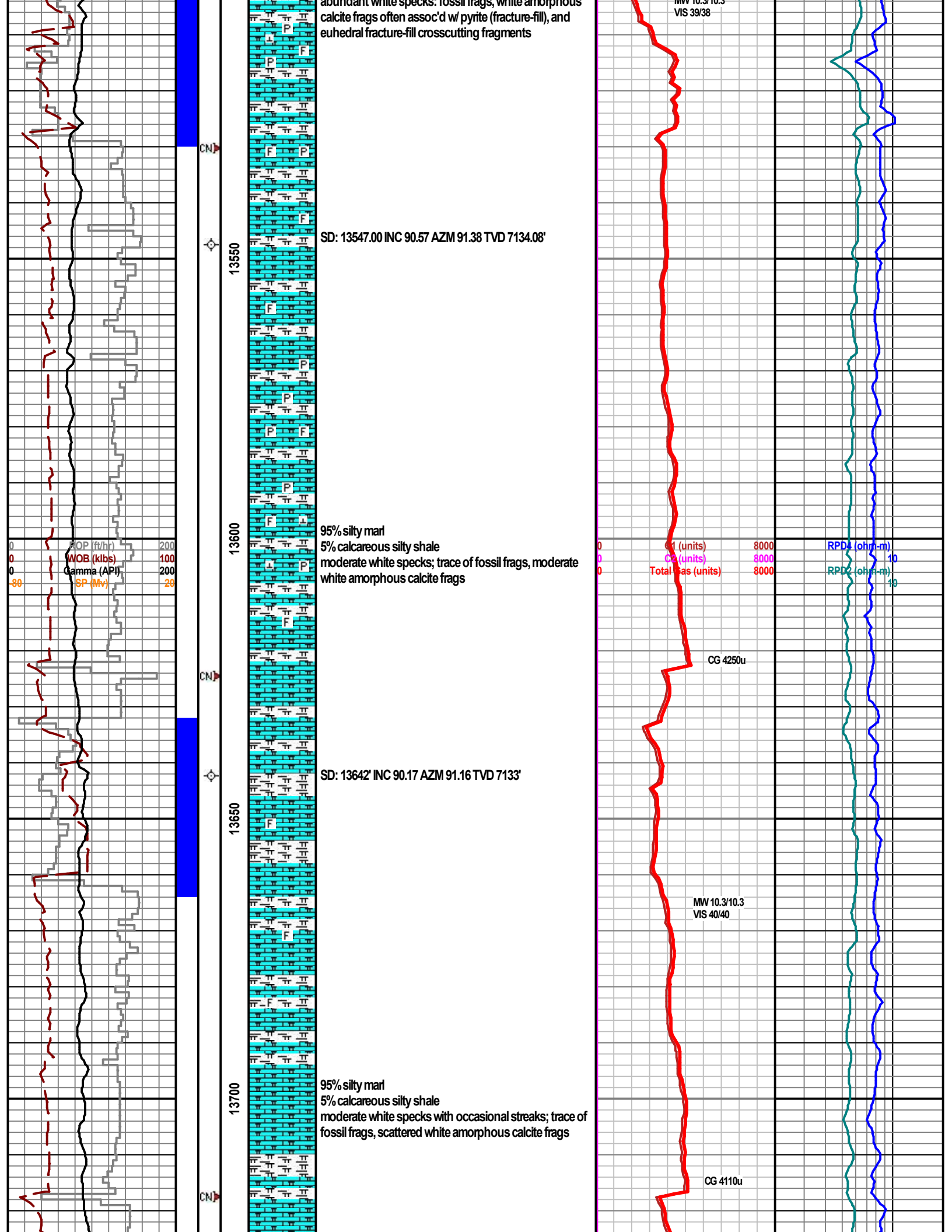


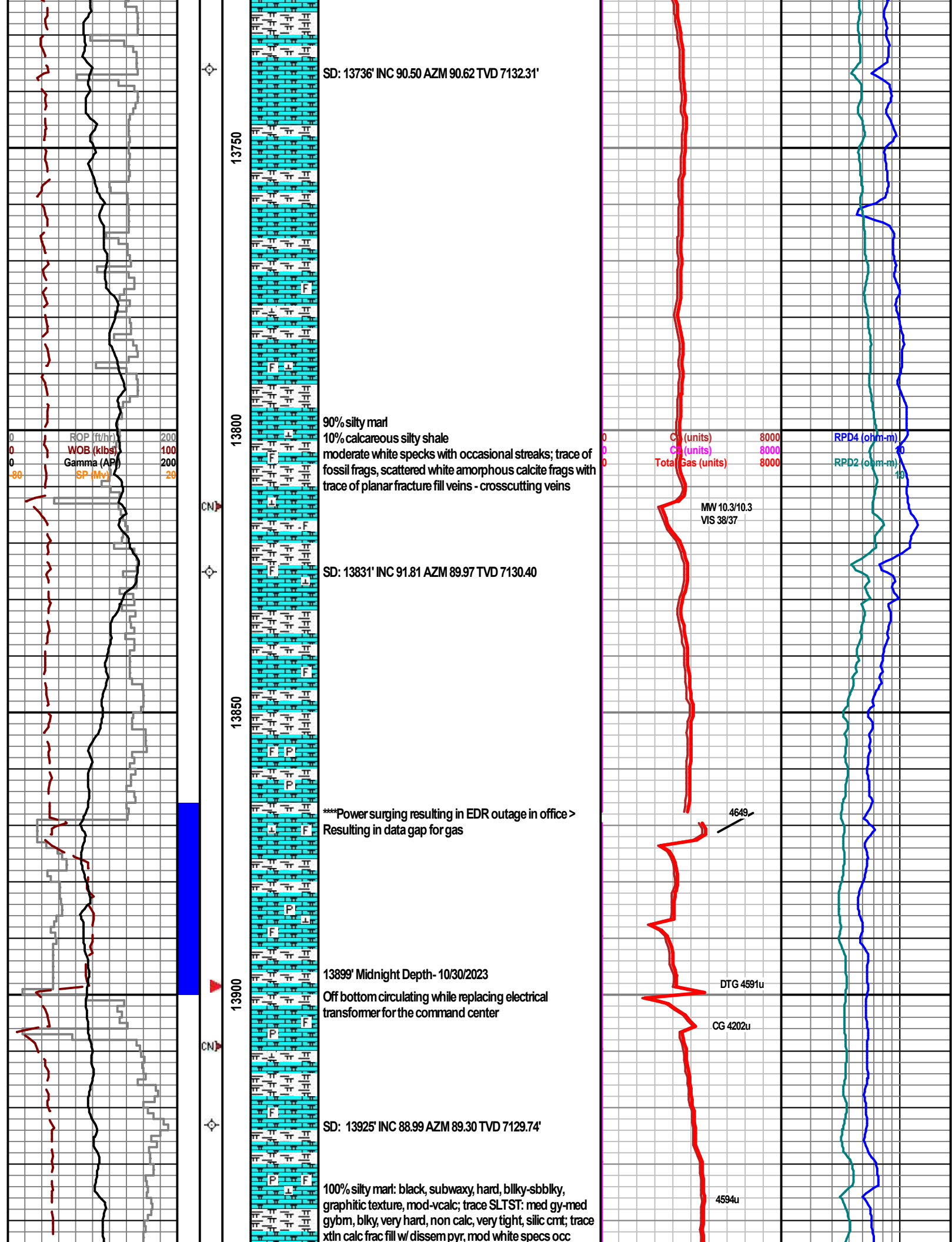


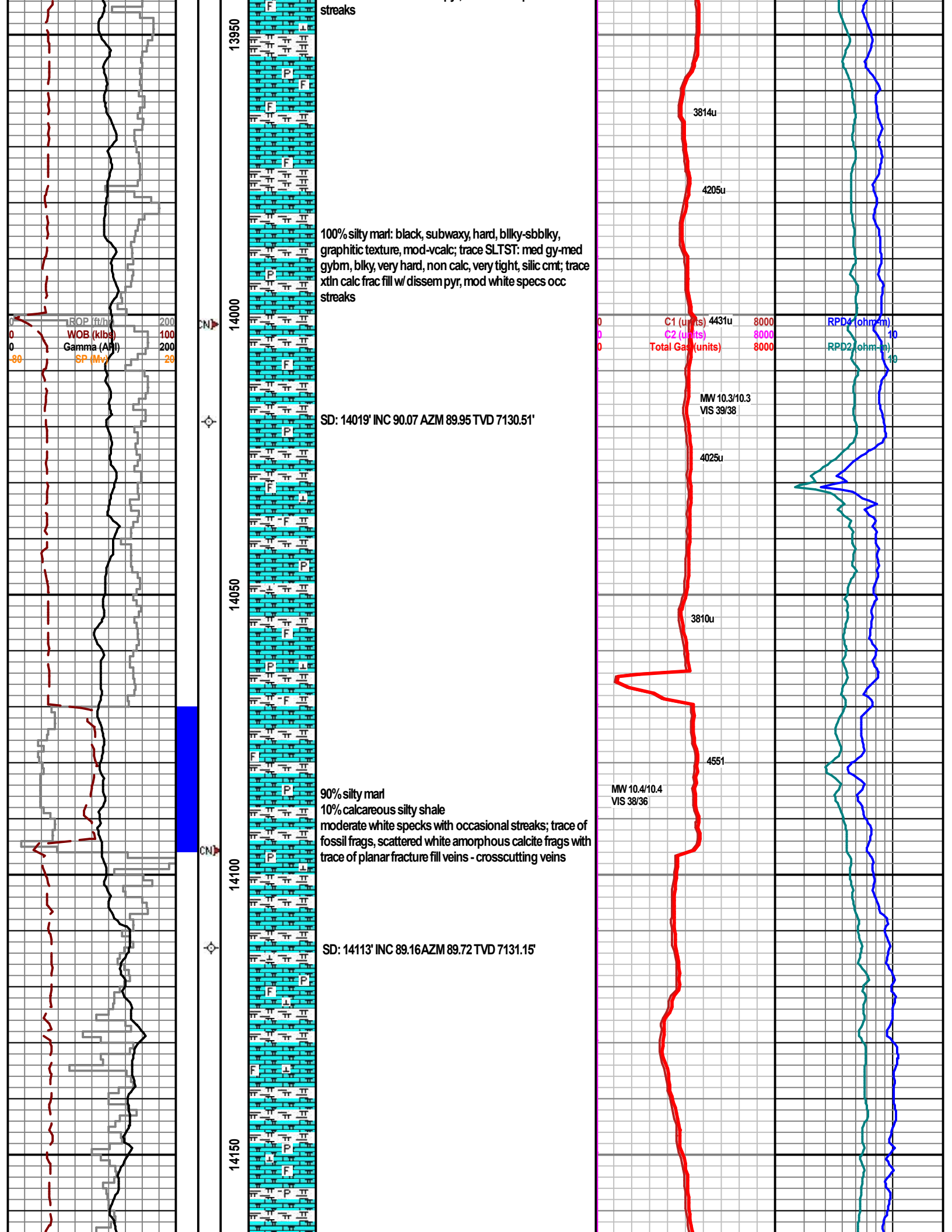


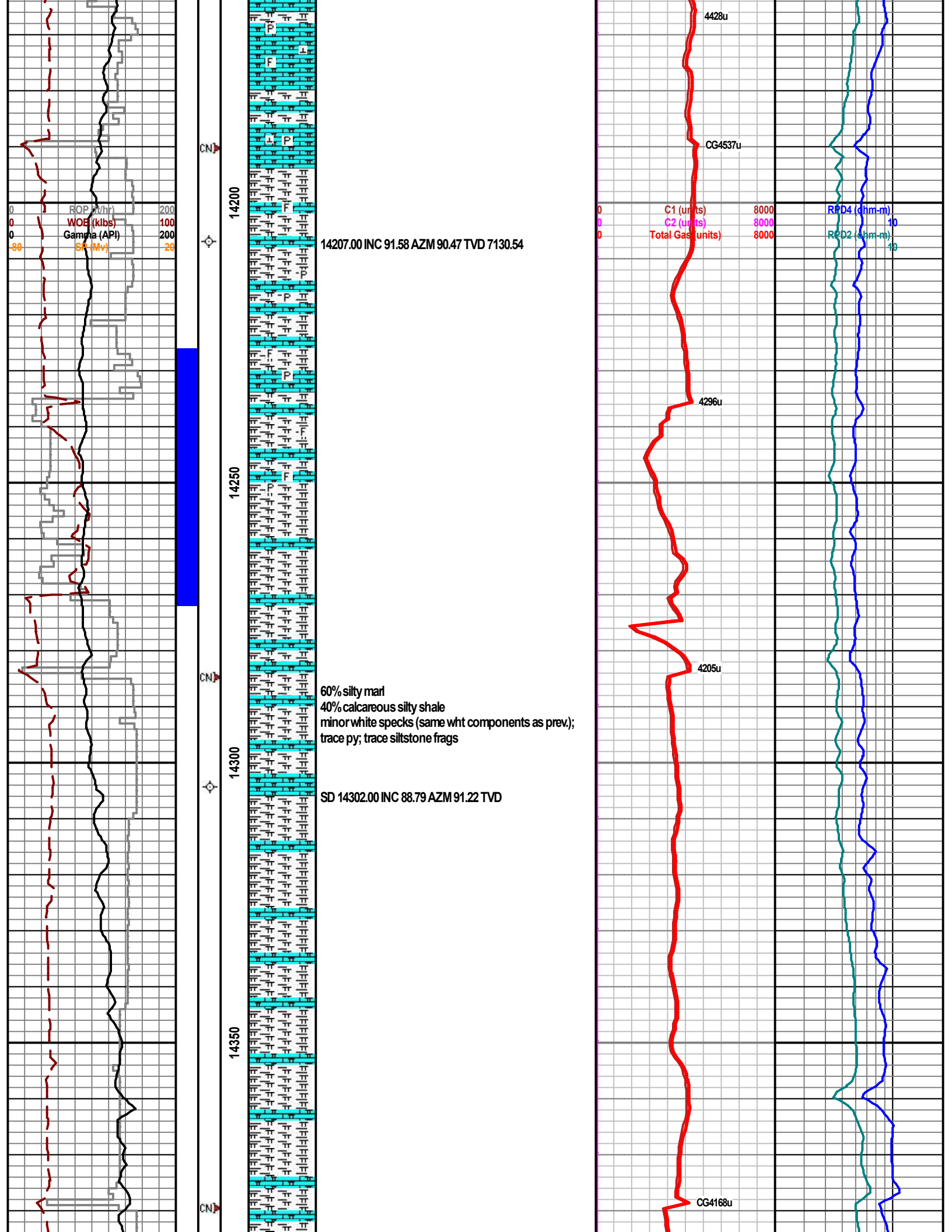


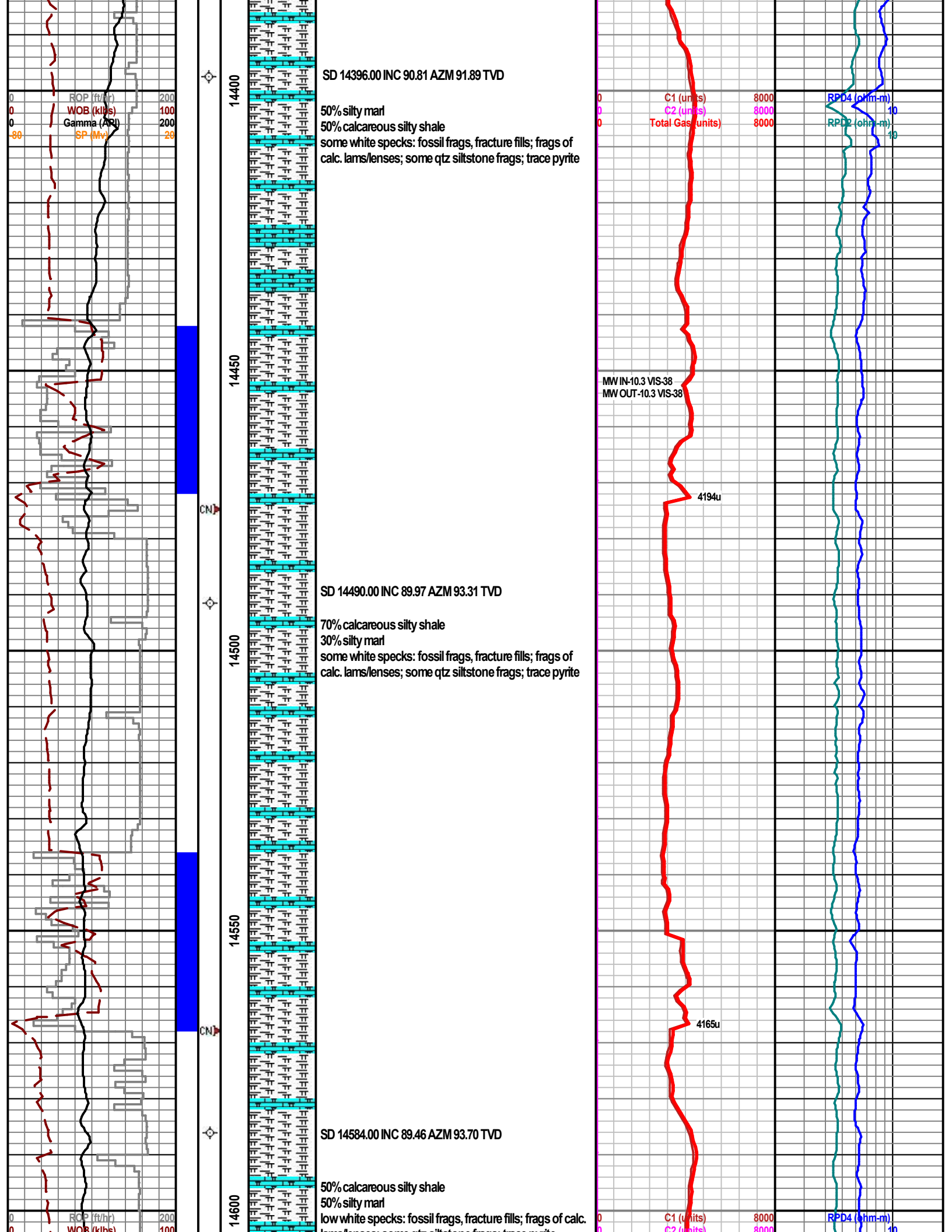


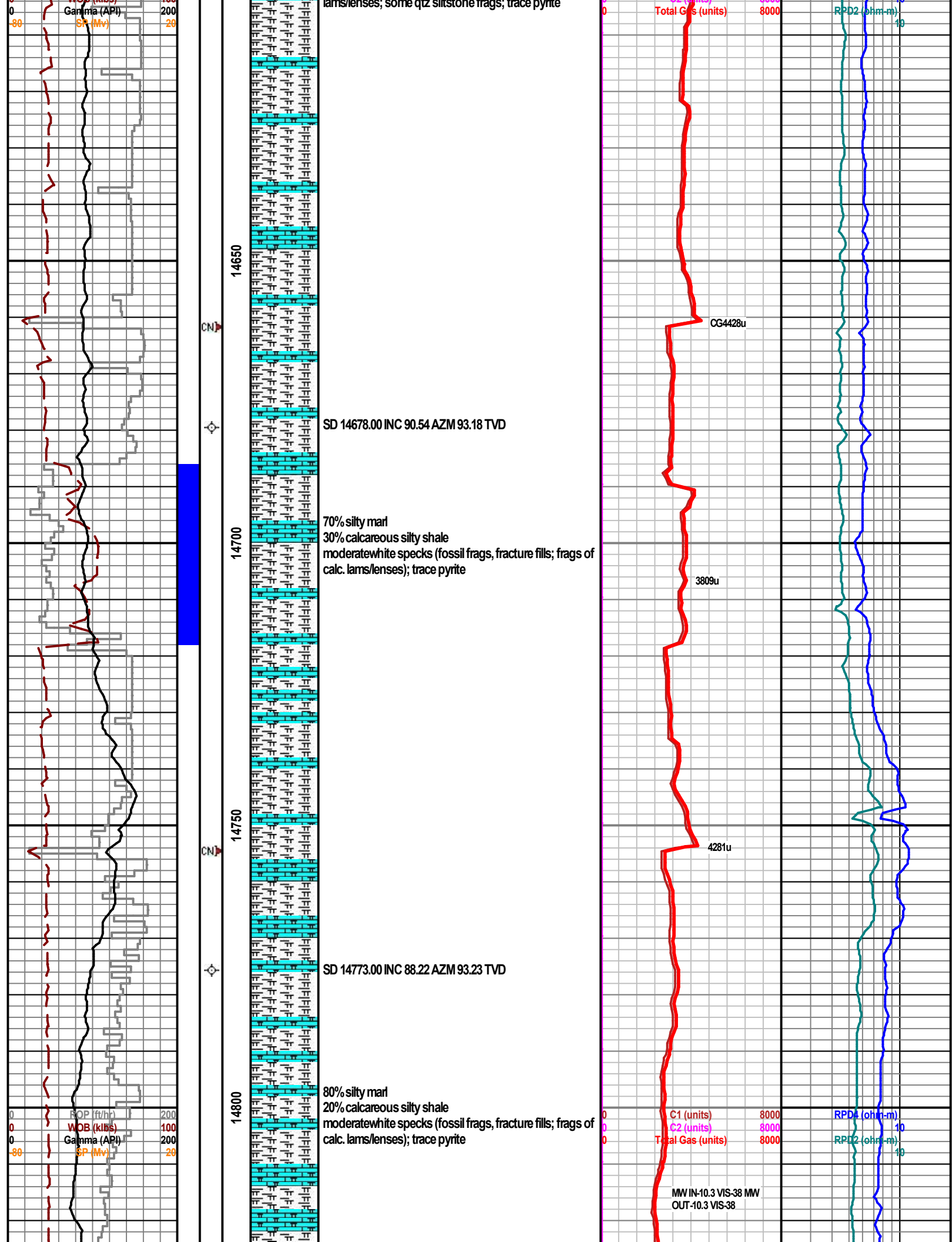


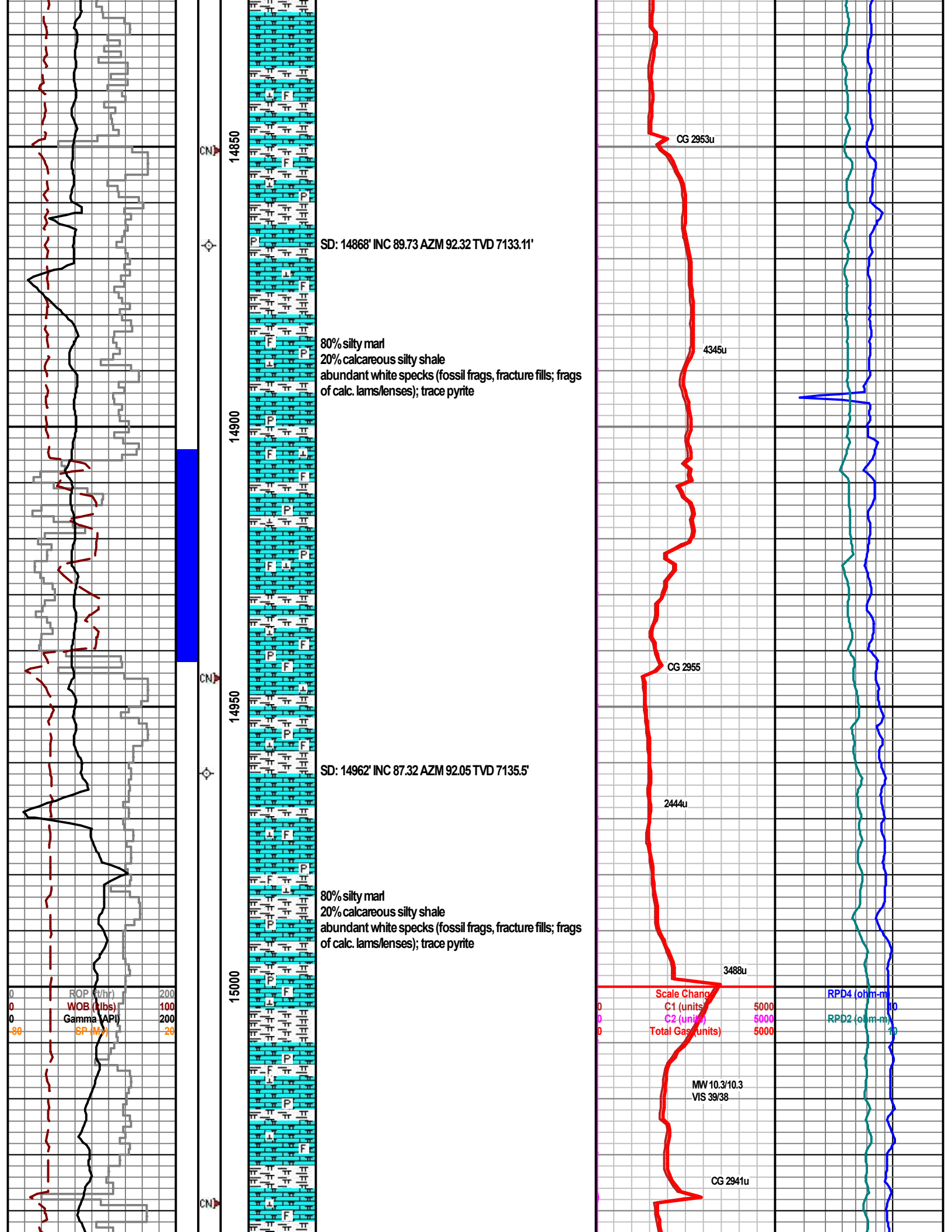


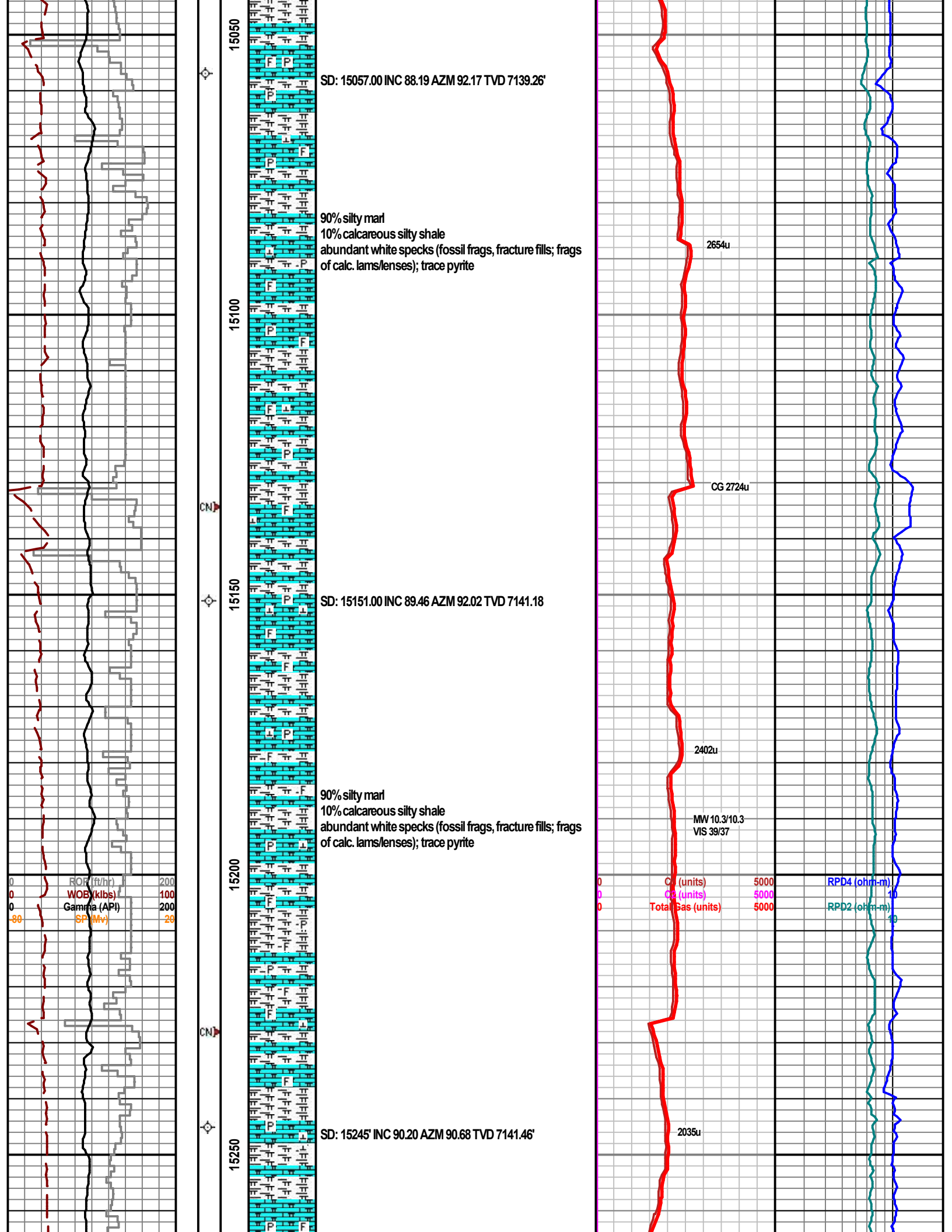












SD: 15057.00 INC 88.19 AZM 92.17 TVD 7139.26'

90% silty marl
10% calcareous silty shale
abundant white specks (fossil frags, fracture fills; frags
of calc. lams/lenses); trace pyrite

SD: 15151.00 INC 89.46 AZM 92.02 TVD 7141.18

90% silty marl
10% calcareous silty shale
abundant white specks (fossil frags, fracture fills; frags
of calc. lams/lenses); trace pyrite

SD: 15245' INC 90.20 AZM 90.68 TVD 7141.46'

2654u

CG 2724u

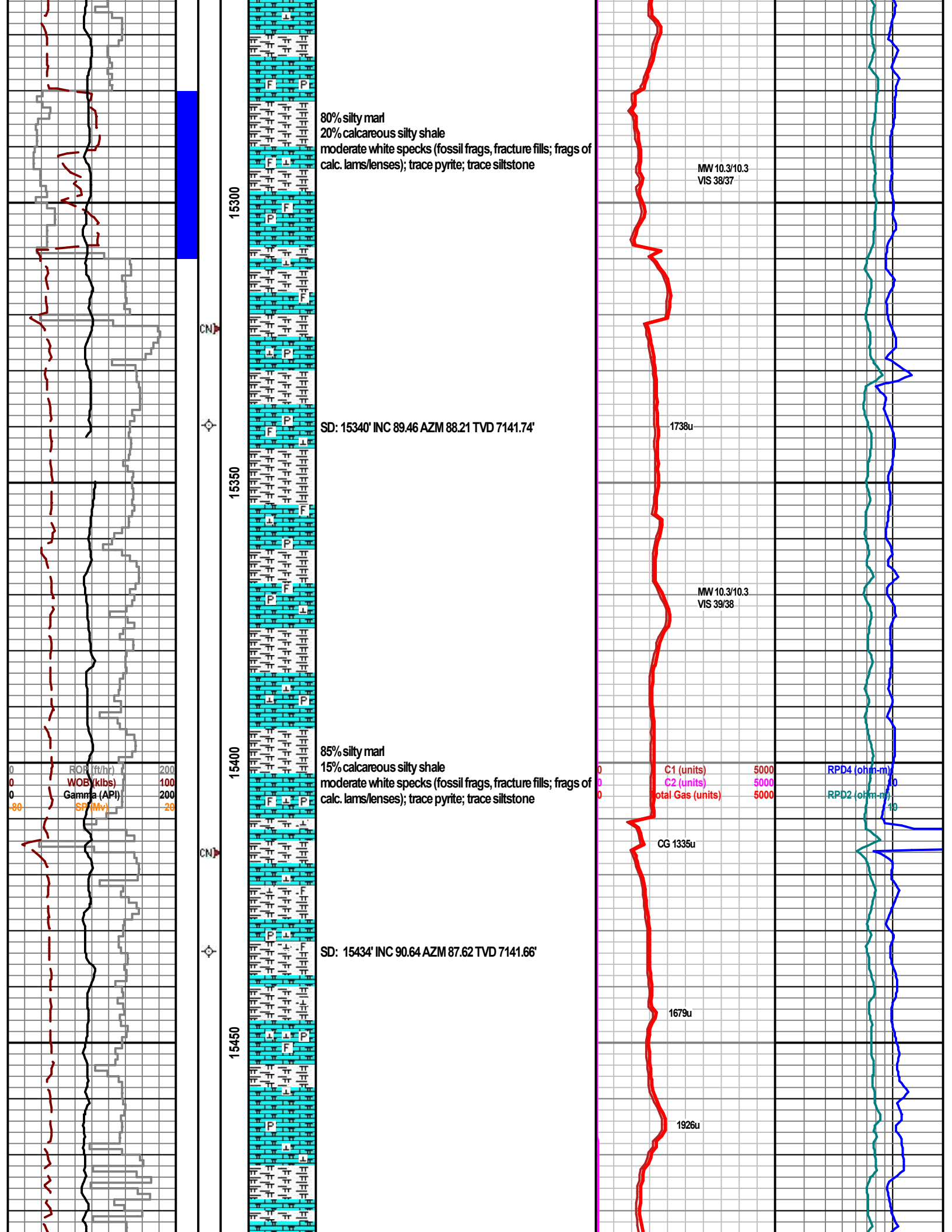
2402u

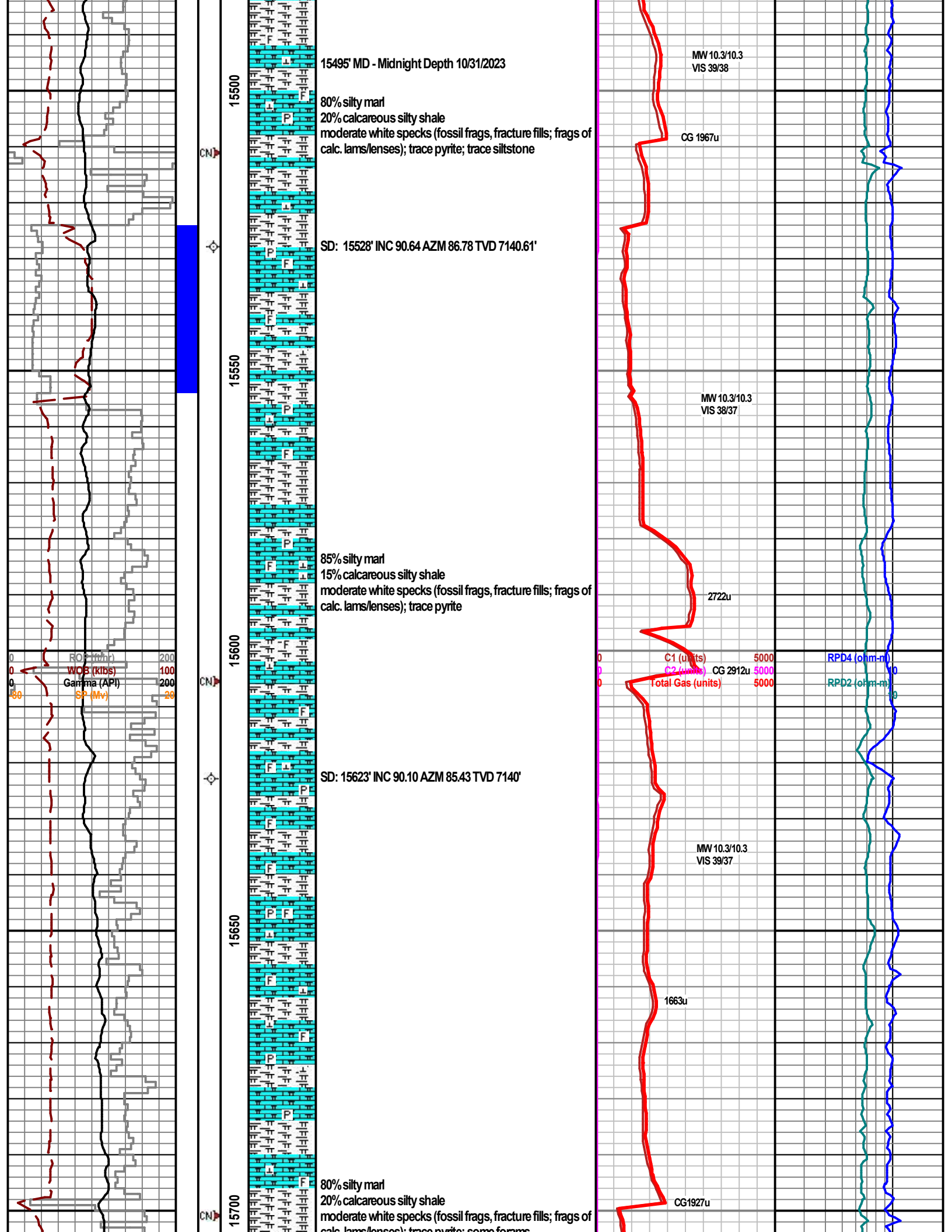
MW 10.3/10.3
VIS 39/37

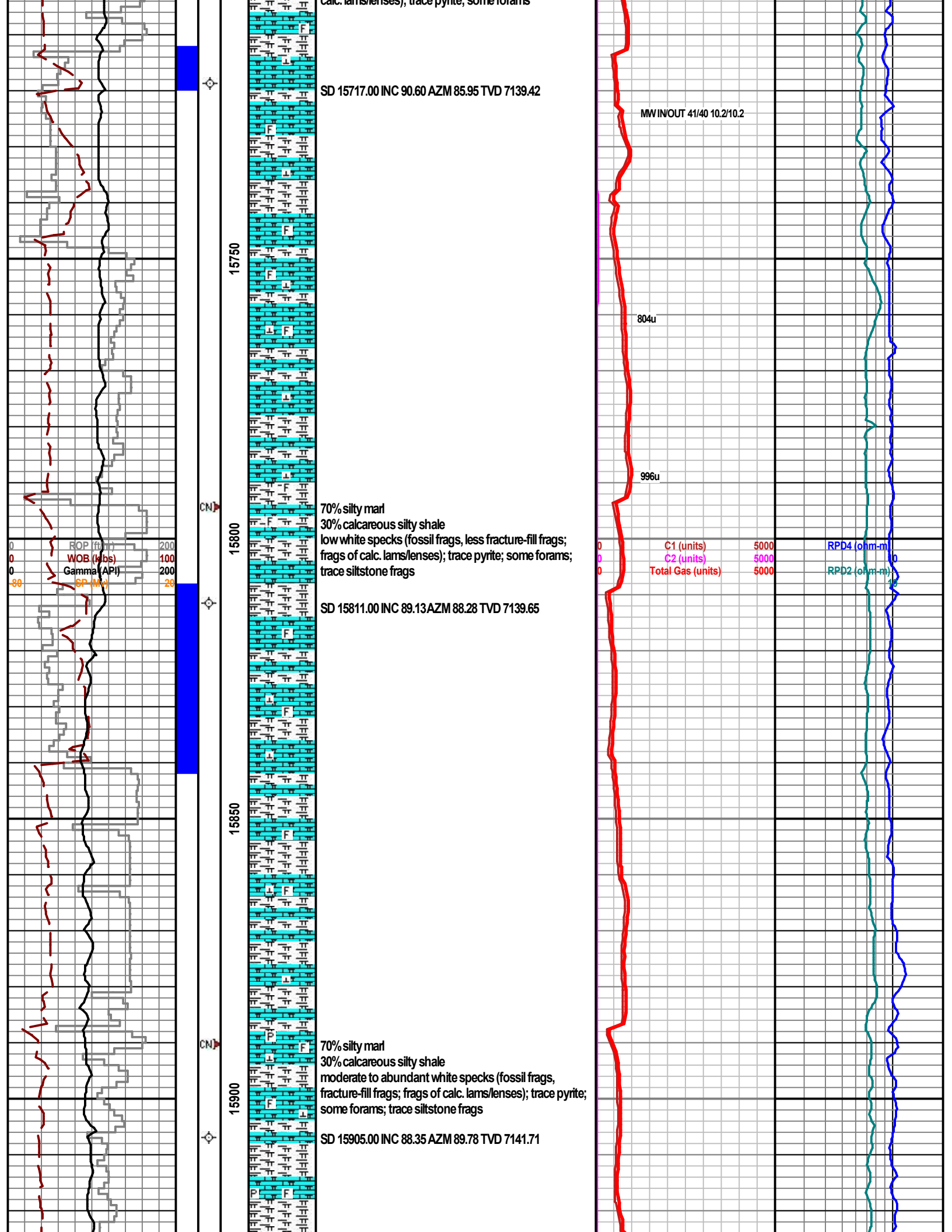
CG (units)	5000
CG (units)	5000
Total Gas (units)	5000

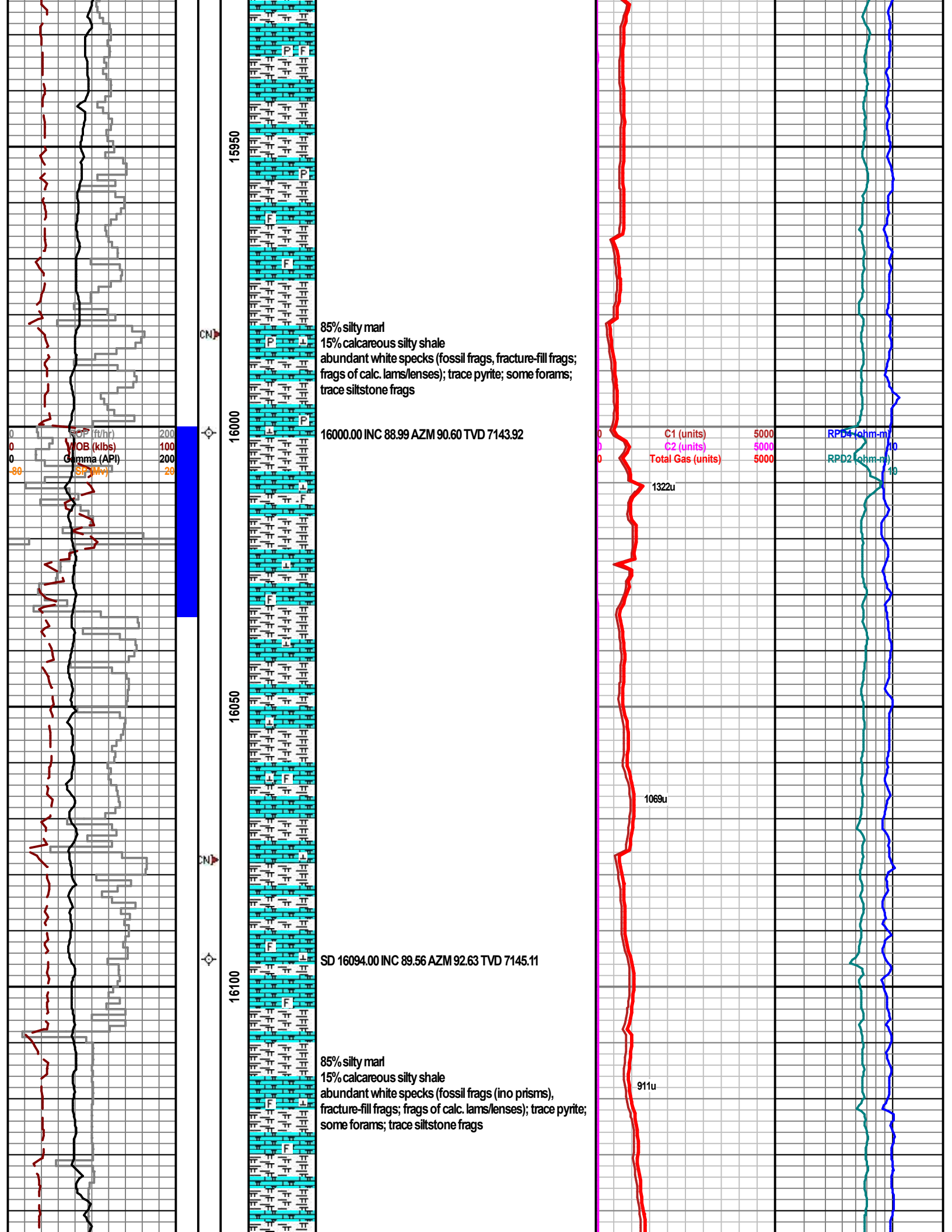
RPD4 (ohm-m)	10
RPD2 (ohm-m)	10

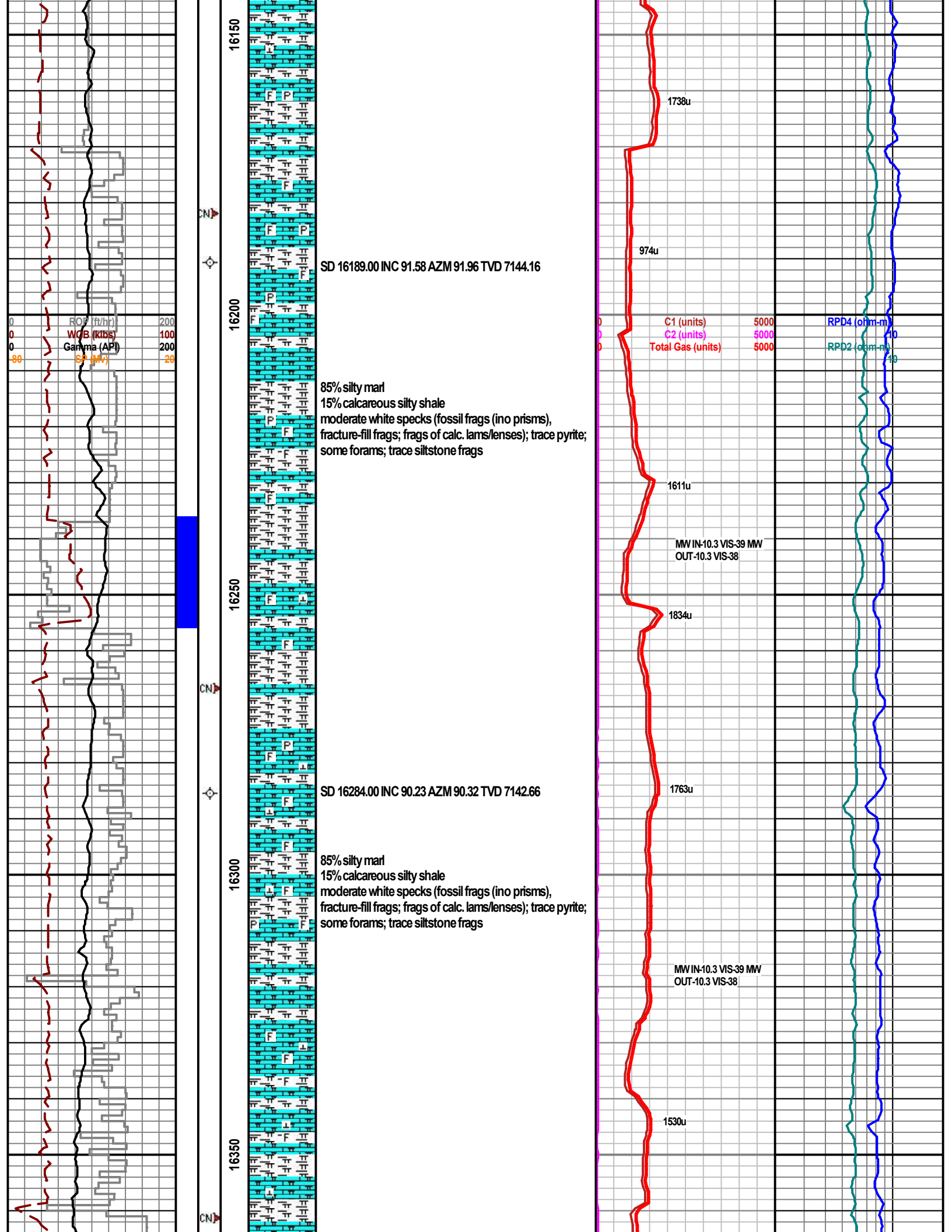
2035u

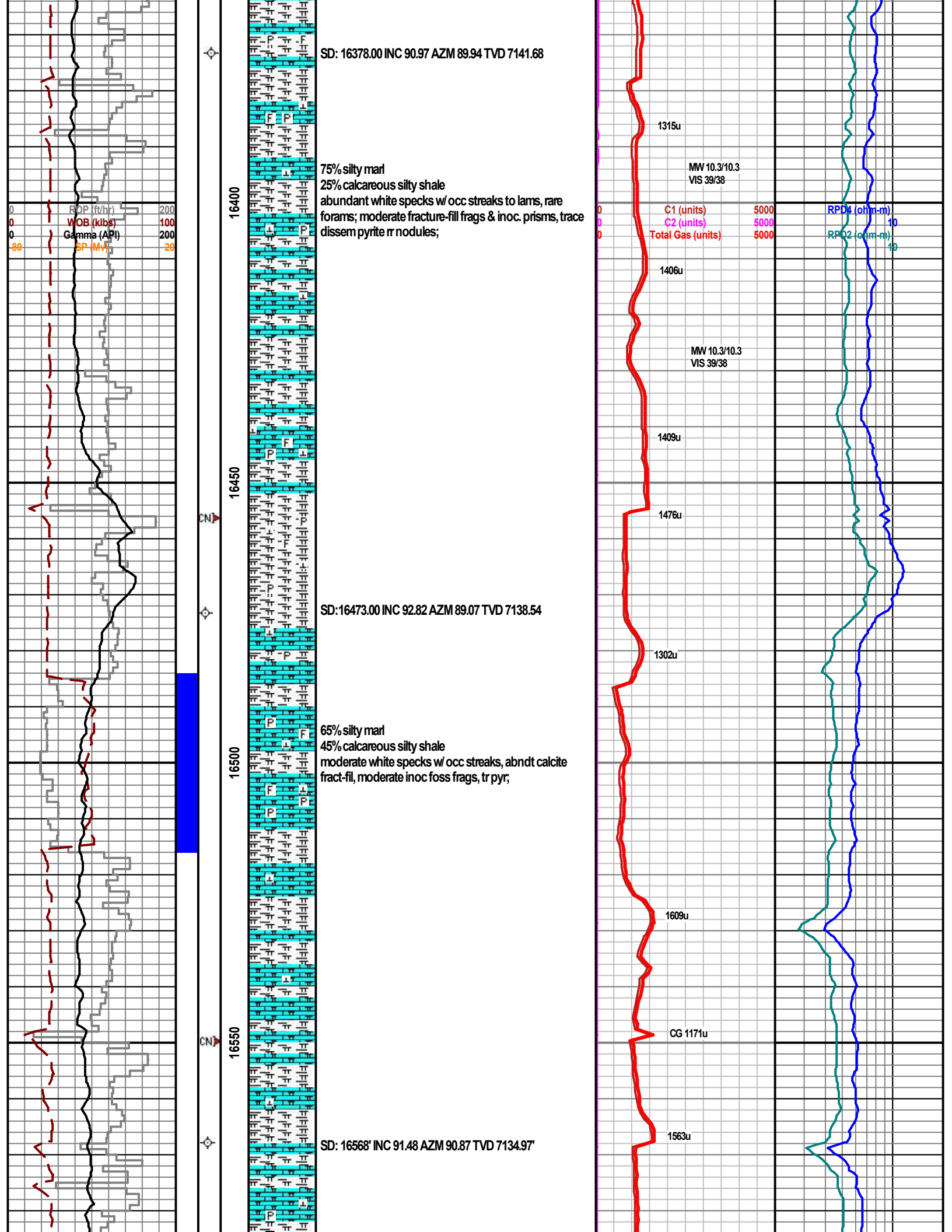


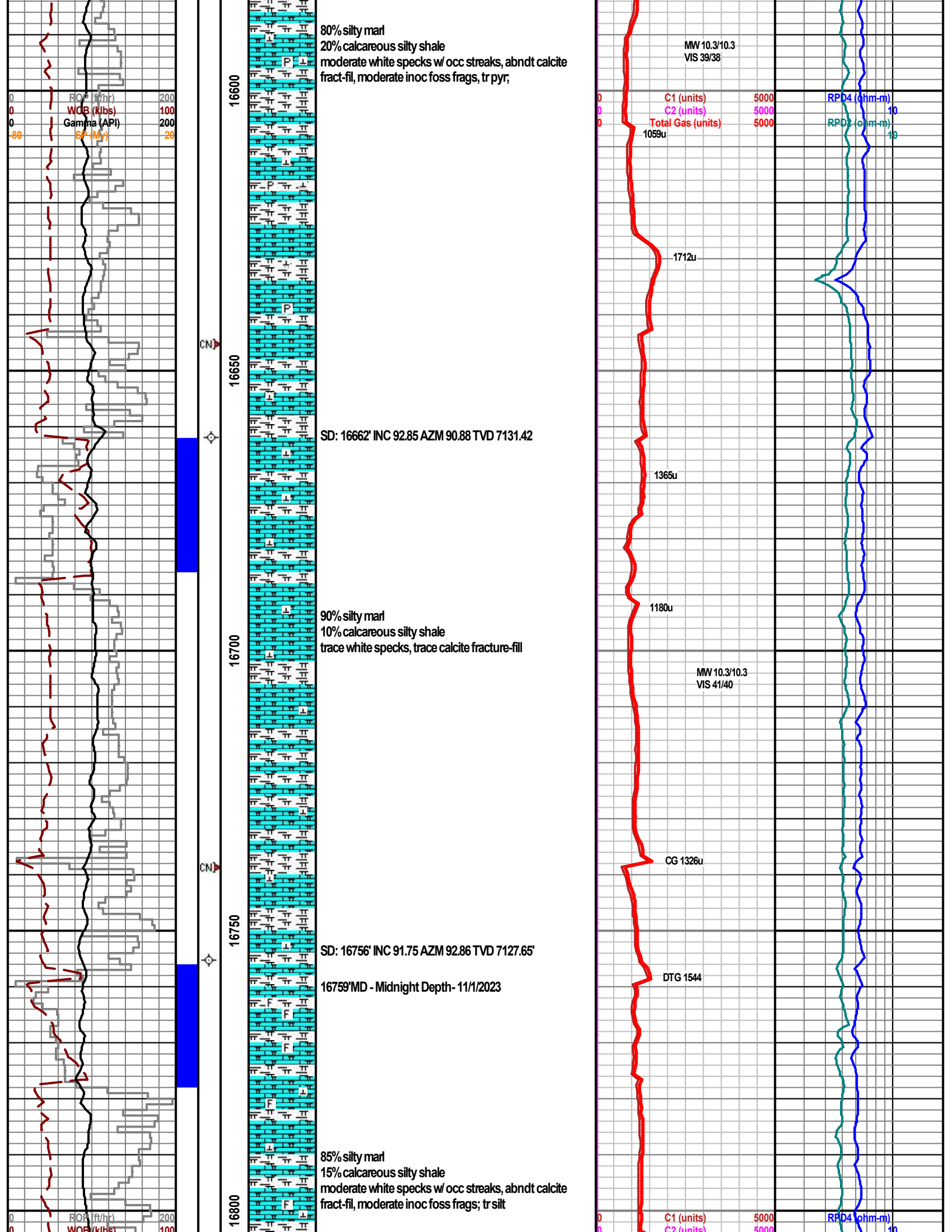


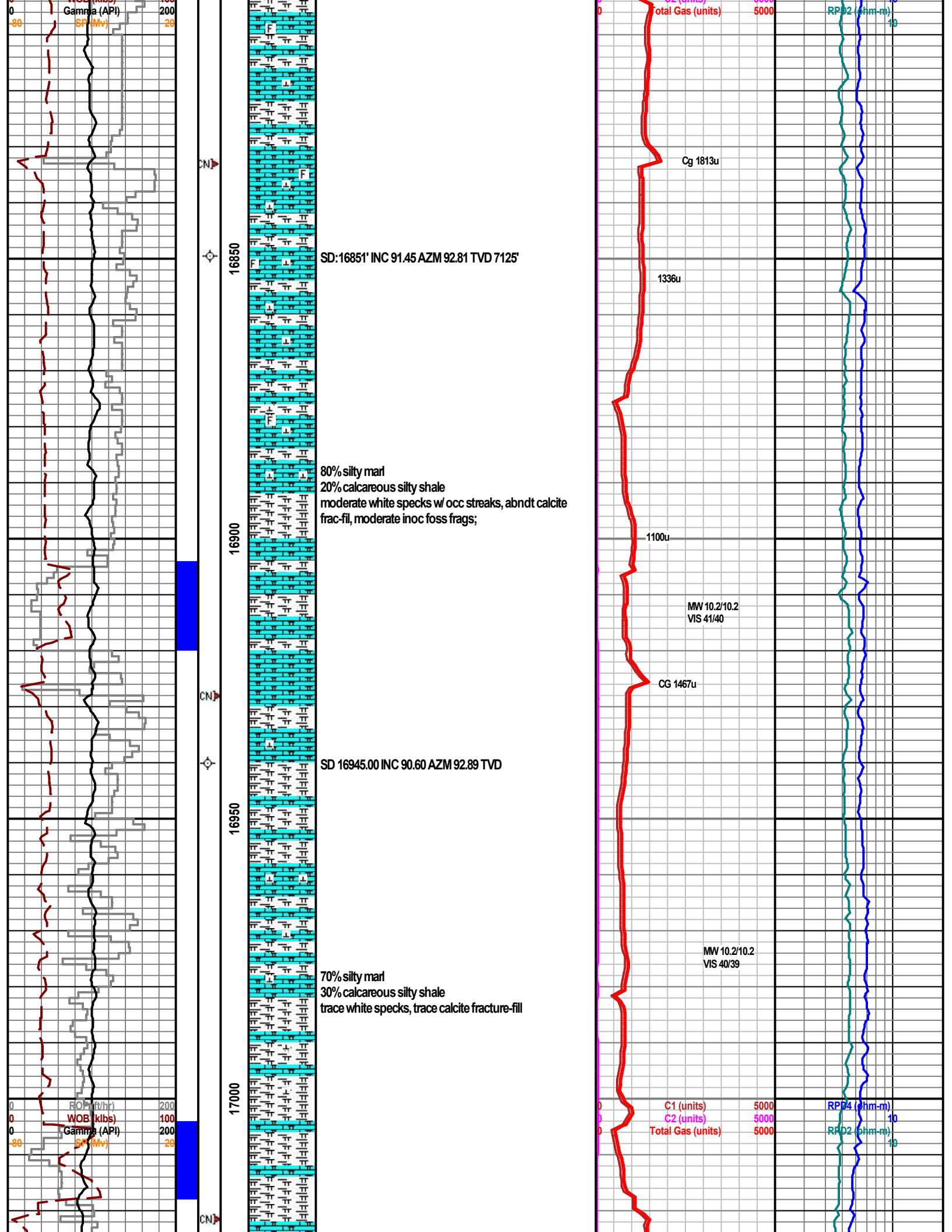


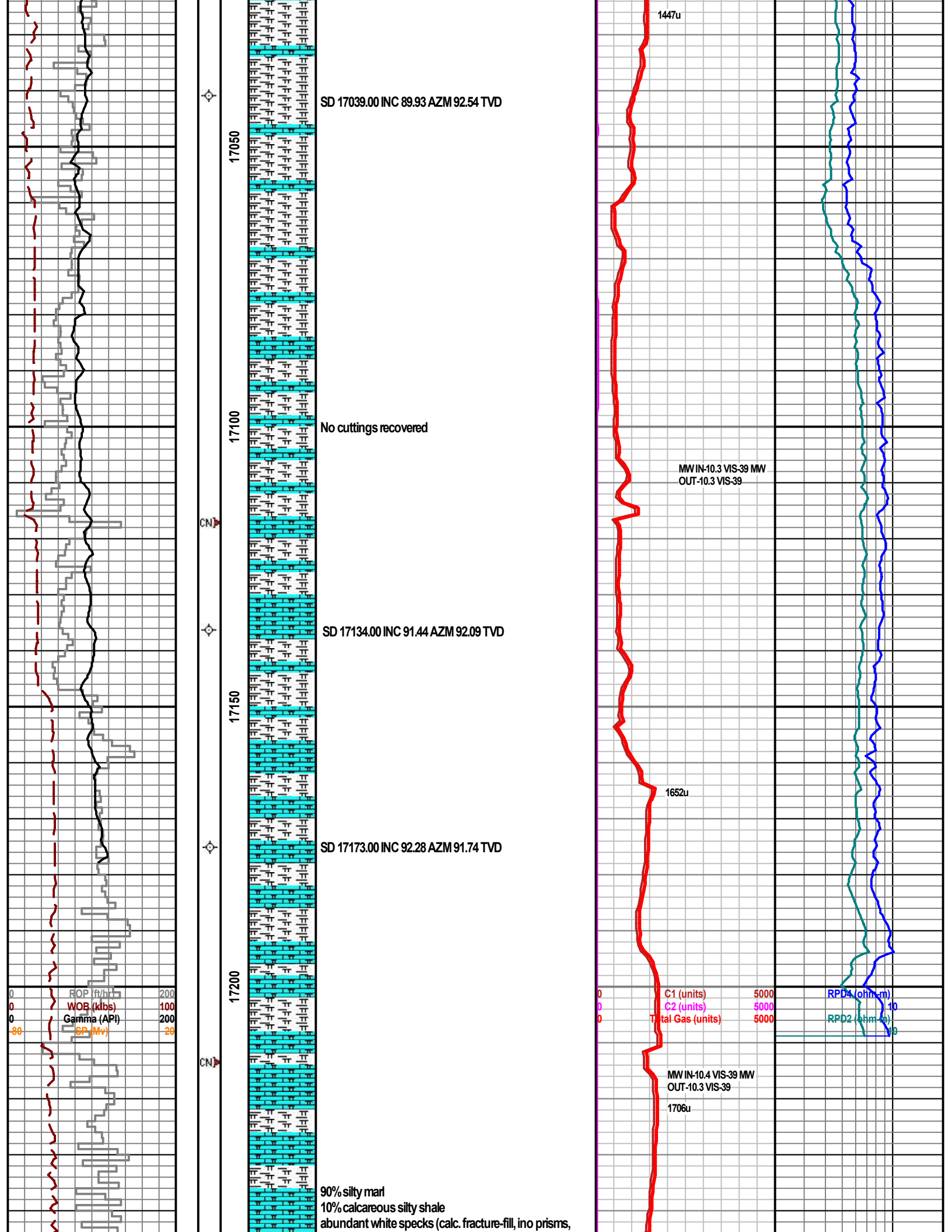












[illegible]