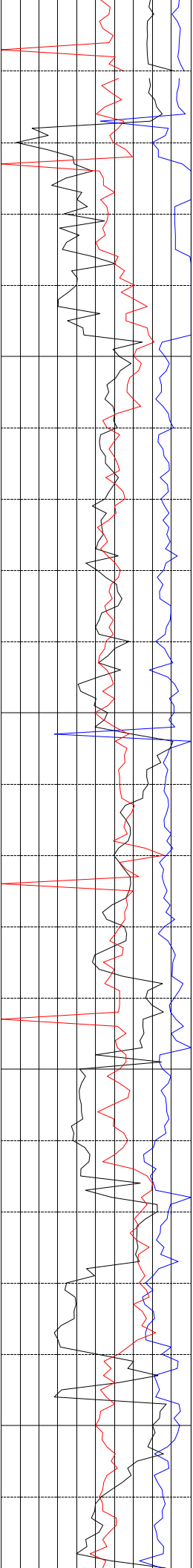
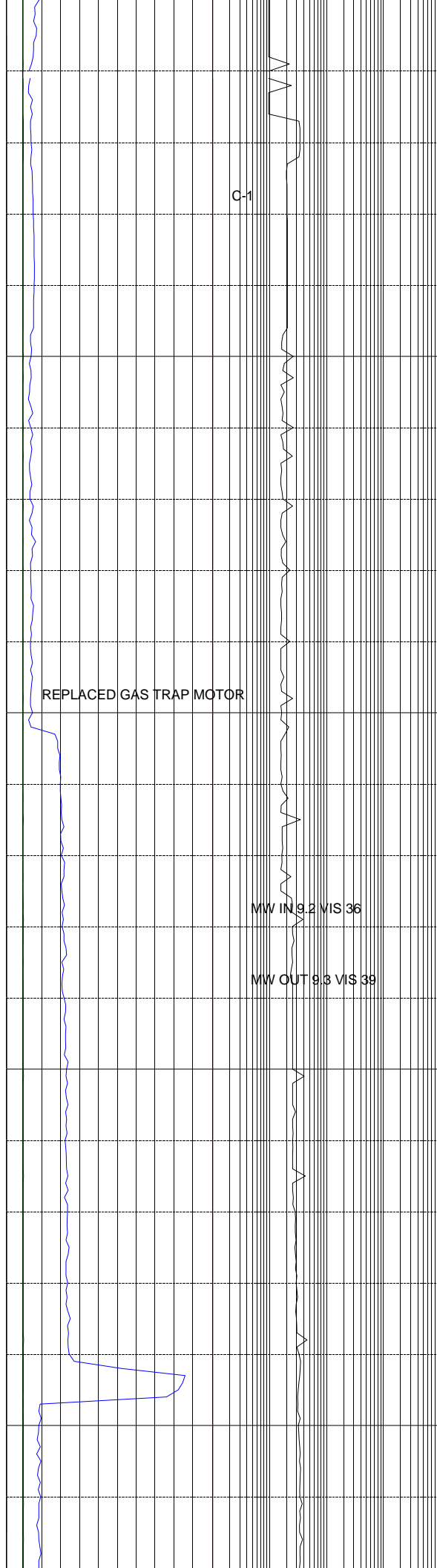


ExxonMobil Production										PCU 296-6B1										1/28/2011																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
<div><300</div> <div>ROP</div> <div>ft/hr</div> <div>0></div>										Depth										Lithology										<div><0</div> <div>Ttl Gas</div> <div>units</div> <div>500></div>										<div><10</div> <div>Meth C-1</div> <div>ppm</div> <div>100K></div>										Interp. Lith										Remarks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			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300

400

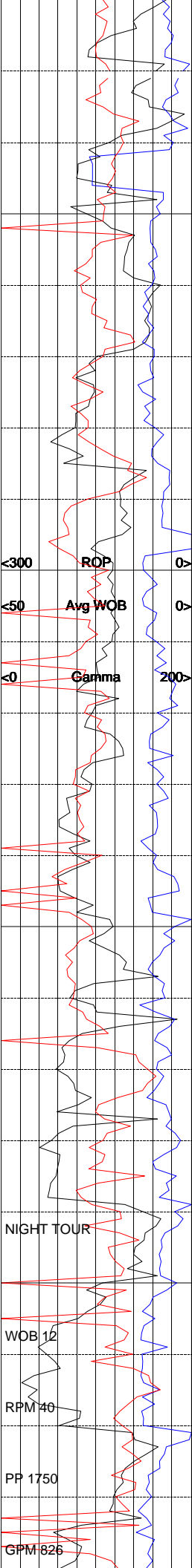


C-1

REPLACED GAS TRAP MOTOR

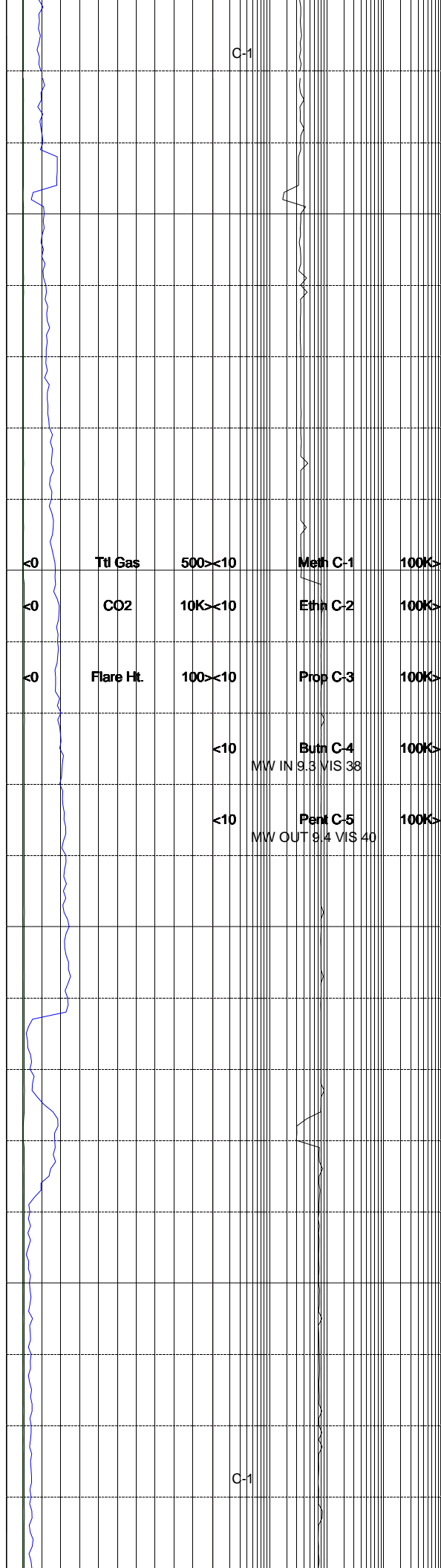
MW IN 9.2 VIS 36

MW OUT 9.3 VIS 39



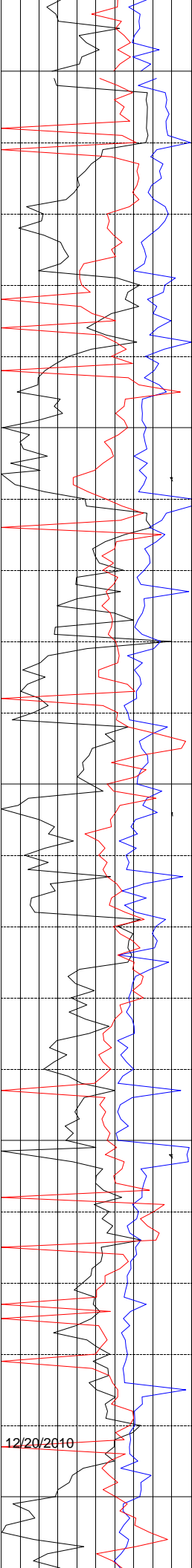
500

600



C-1

C-1



700

800

MUD DATA @ 580'

MW 9.3 FV 50 PV 12 YP 32

API FIL 15.0 GELS 12/17/24 PH 9

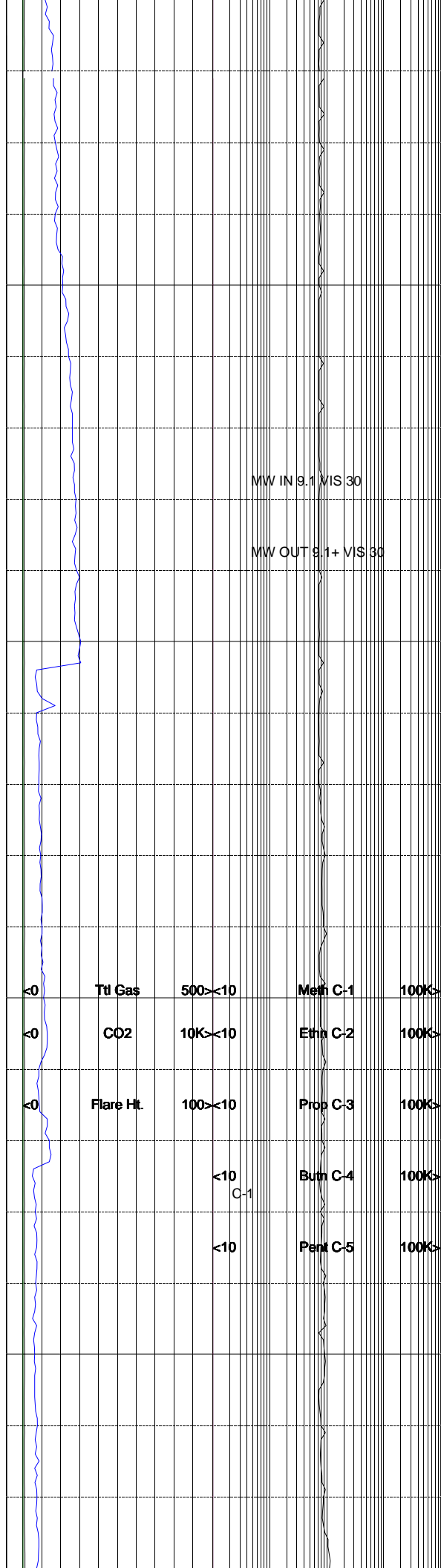
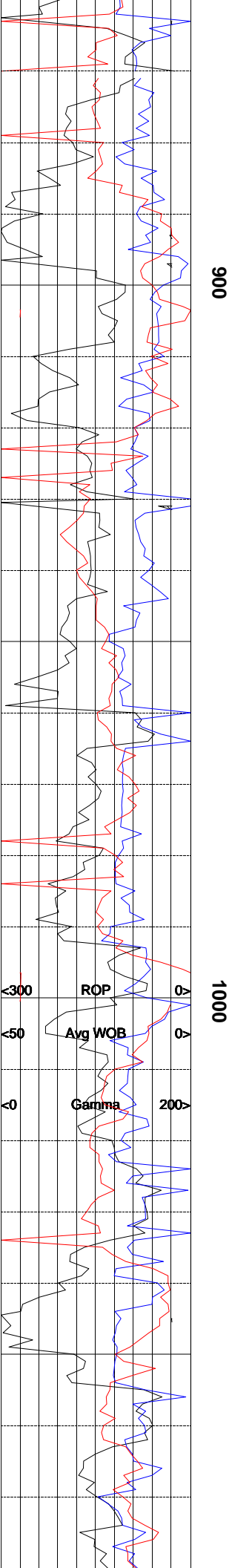
CL 800 CA+ 60 MBT 17.50 SOL 5

24 HR LOSSES 0.00 BBLs

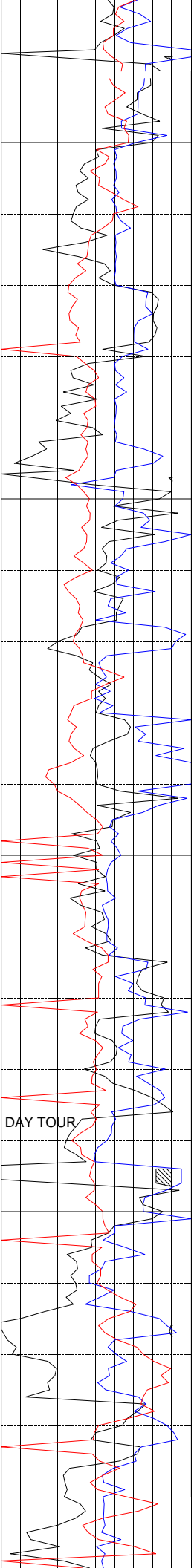
MW IN 9.2 VIS 32

MW OUT 9.2+ VIS 33

C-1



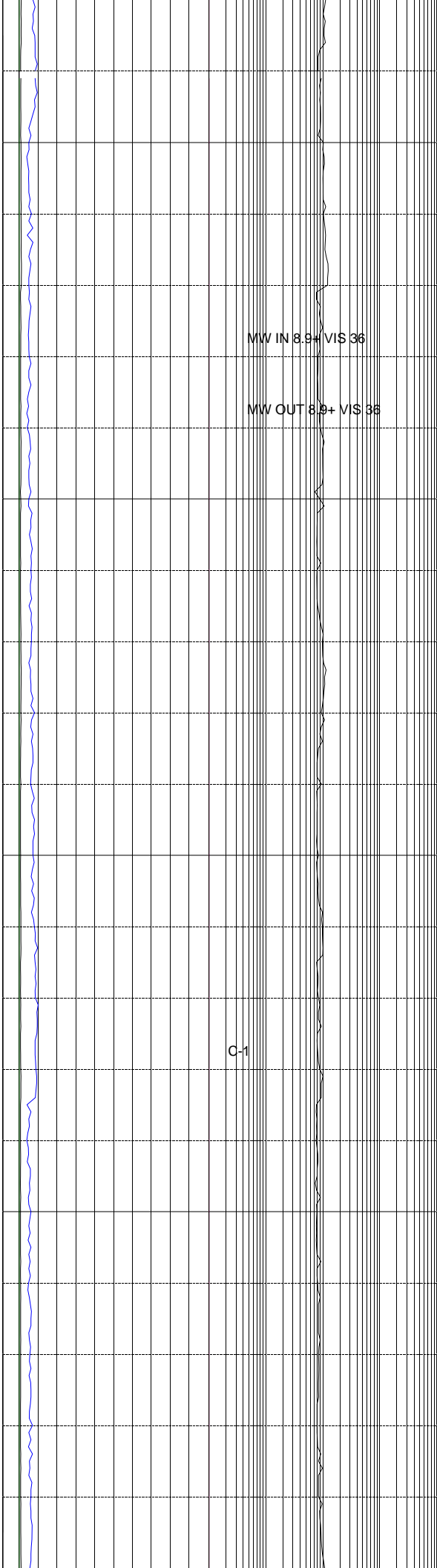
<0	Ttl Gas	500><10	Meth C-1	100K>
<0	CO2	10K><10	Ethn C-2	100K>
<0	Flare Ht.	100><10	Prop C-3	100K>
		<10 C-1	Butn C-4	100K>
		<10	Pent C-5	100K>



1100

1200

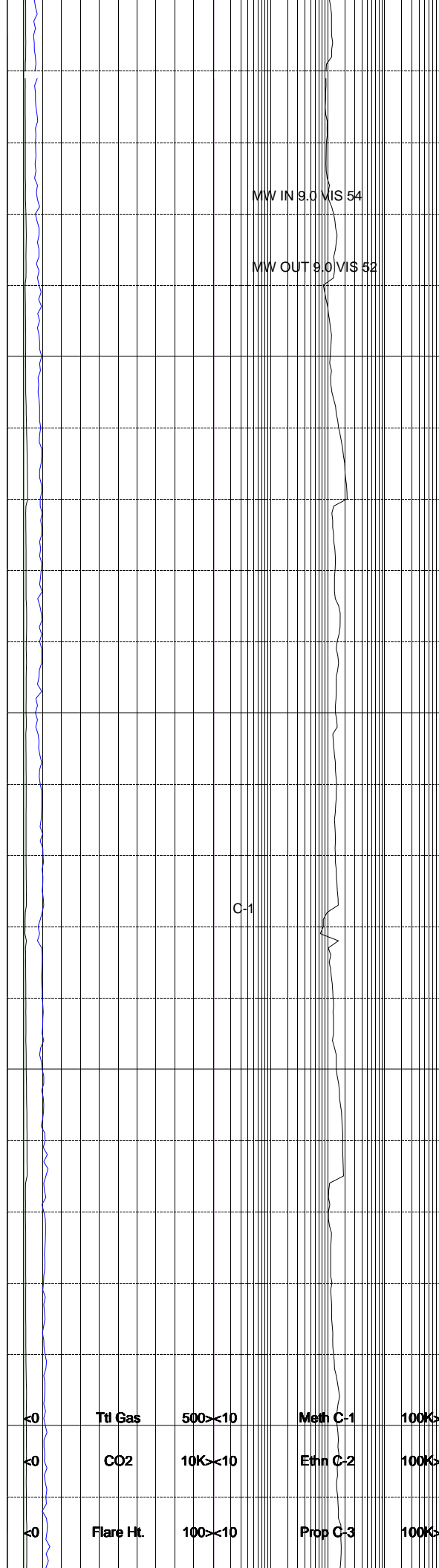
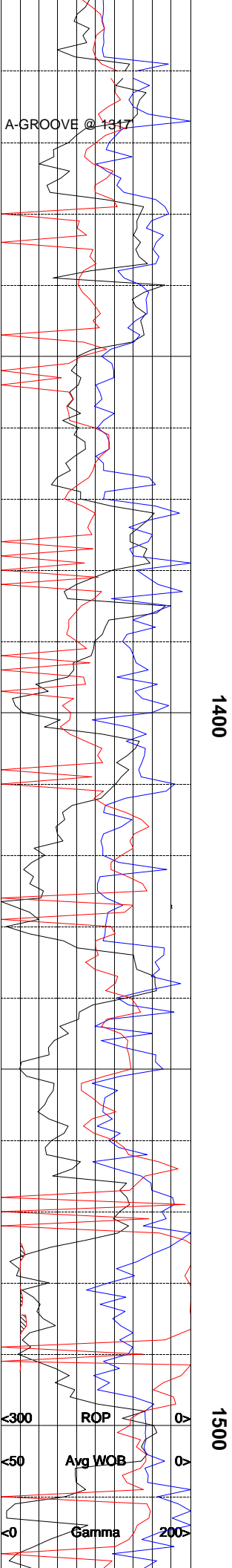
13

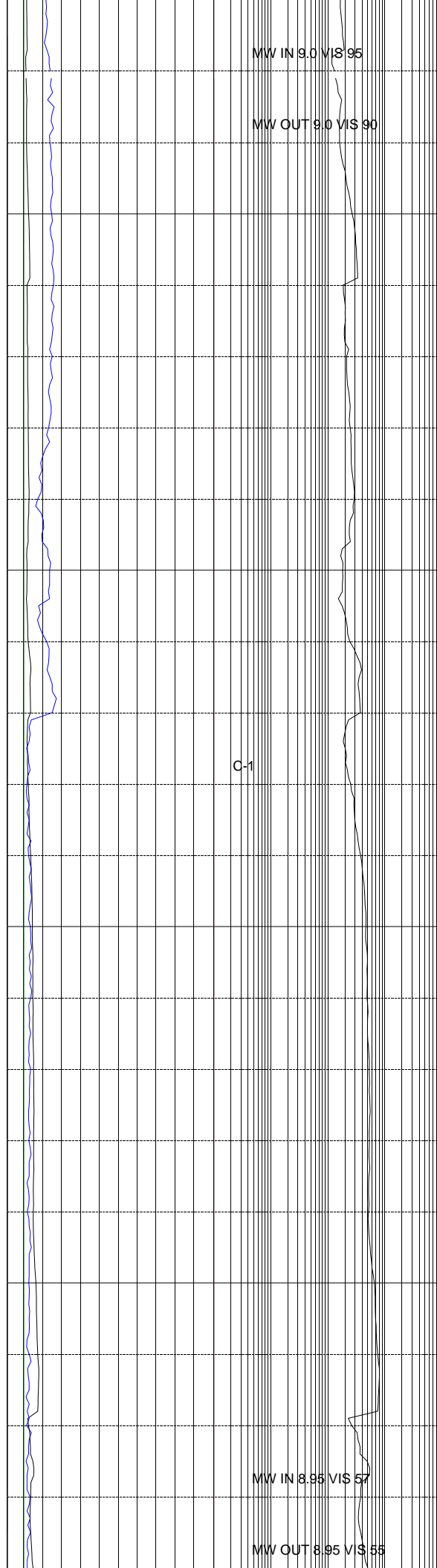
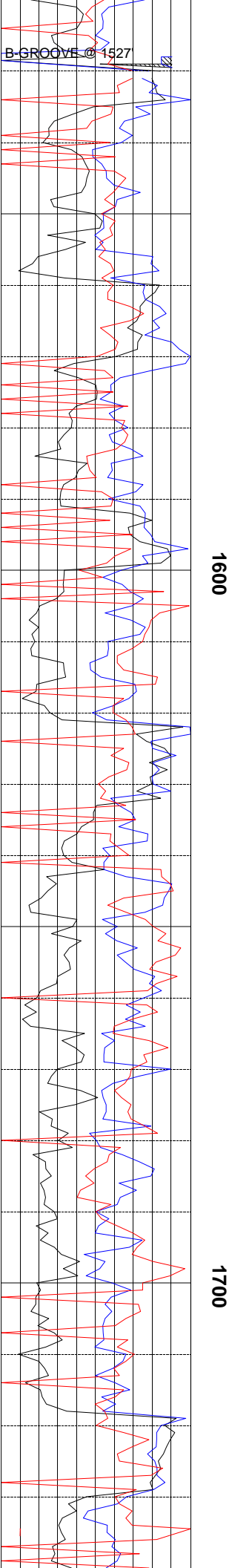


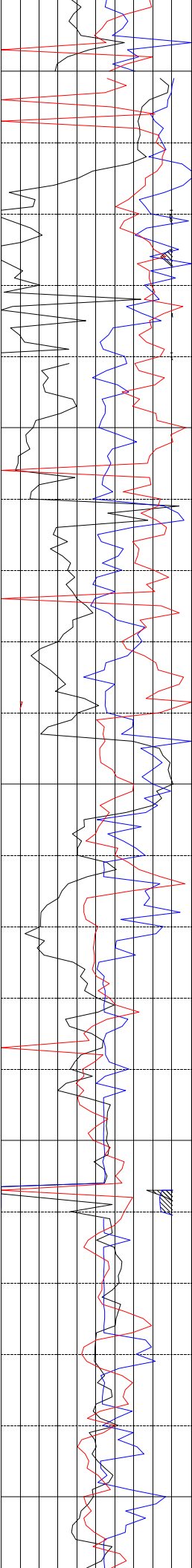
MW IN 8.9+ VIS 36

MW OUT 8.9+ VIS 36

C-1

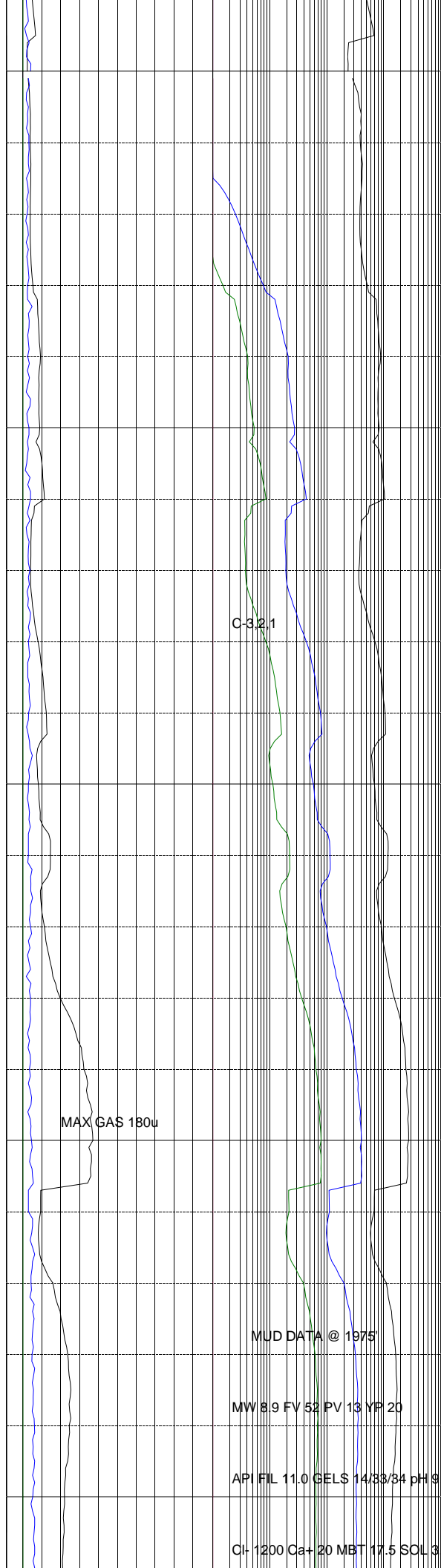






1800

1900



MAX GAS 180u

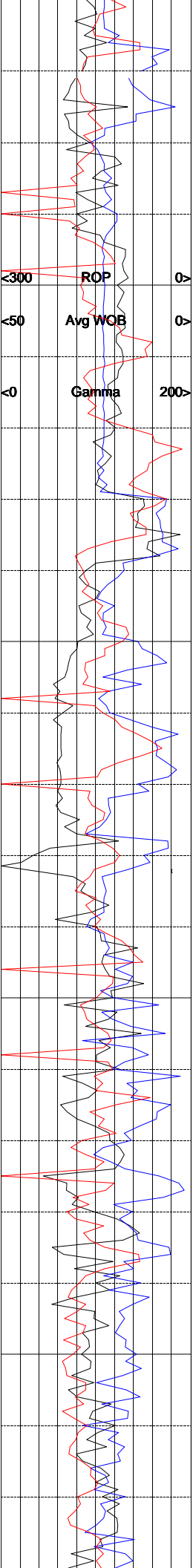
C-32.1

MUD DATA @ 1975

MW 8.9 FV 52 PV 13 YF 20

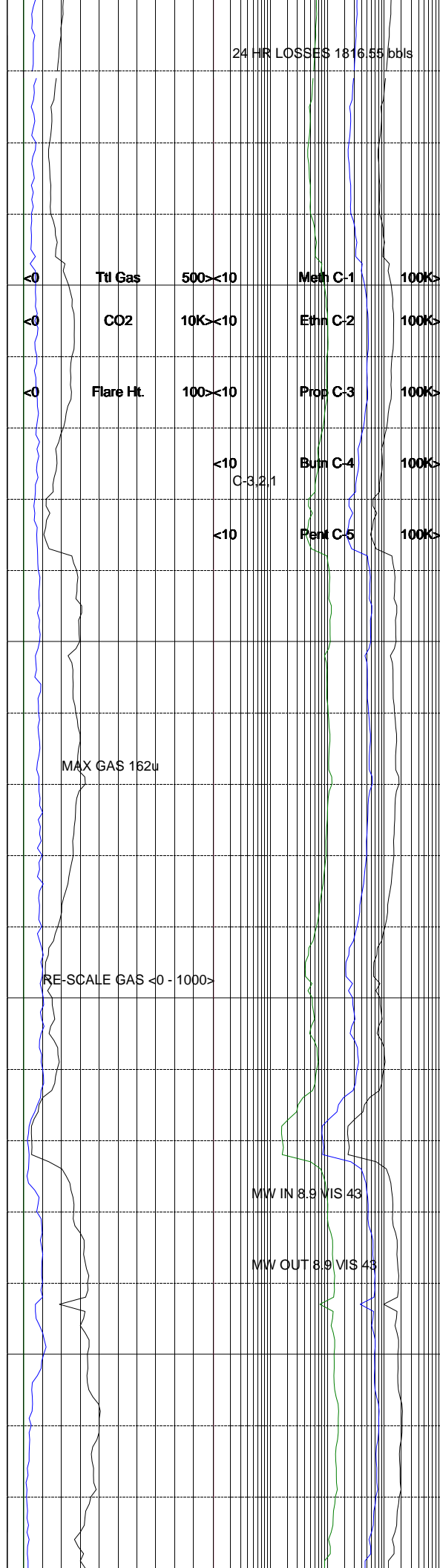
API FIL 11.0 GELS 14/33/34 pH 9

Cl- 1200 Ca+ 20 MBT 17.5 SOL 3



2000

2100



24 HR LOSSES 1816.55 bbls

Ttl Gas 500<10 Meth C-1 100K>

CO2 10K<10 Ethn C-2 100K>

Flare Ht. 100<10 Prop C-3 100K>

<10 Burn C-4 100K>
C-3,2,1

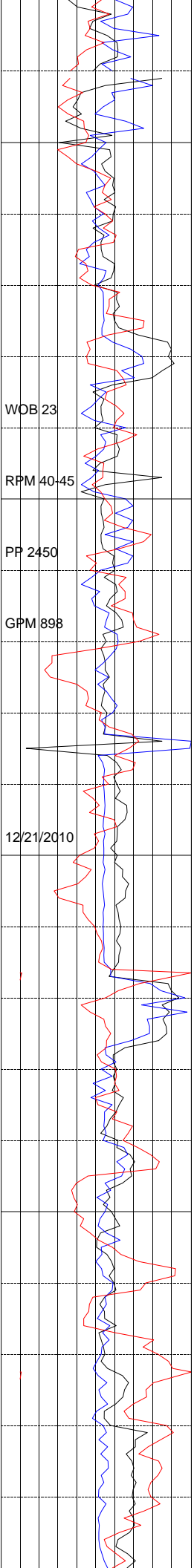
<10 Pent C-5 100K>

MAX GAS 162u

RE-SCALE GAS <0 - 1000>

MW IN 8.9 VIS 43

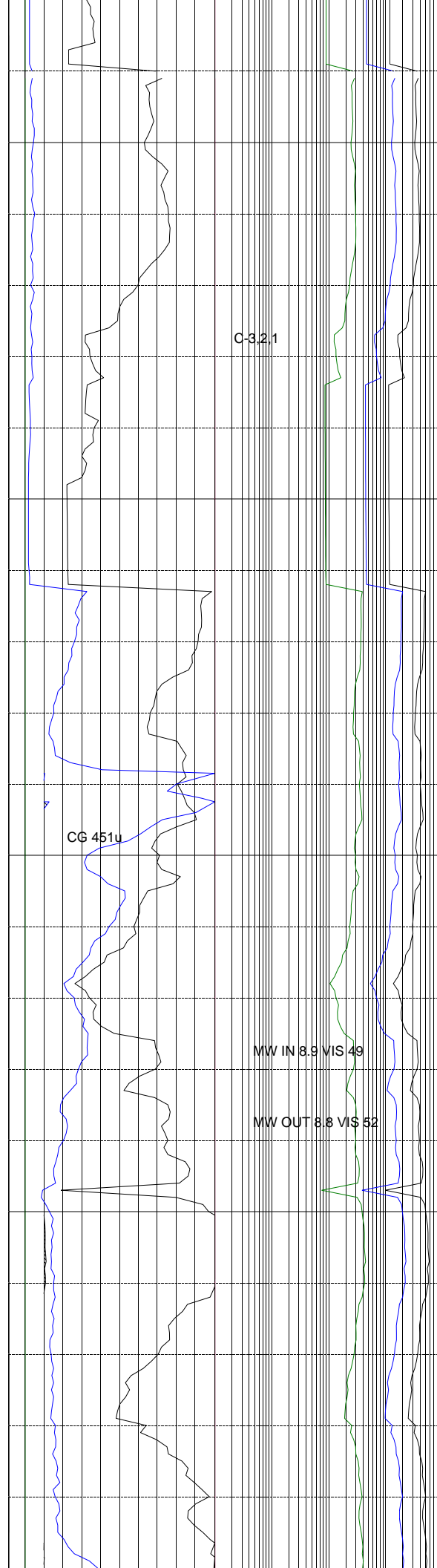
MW OUT 8.9 VIS 43

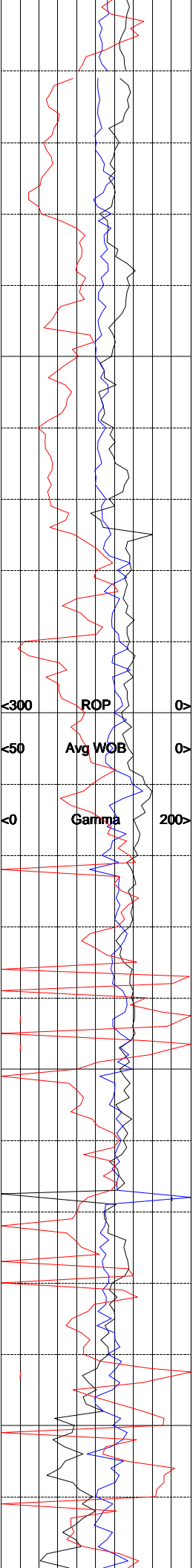


2200

2300

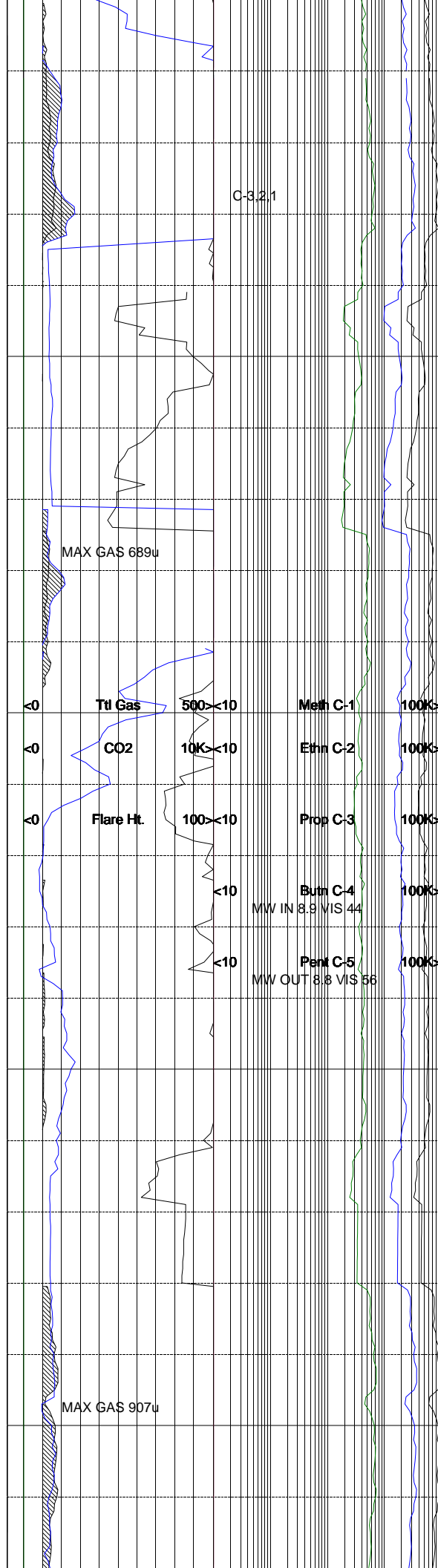
2400

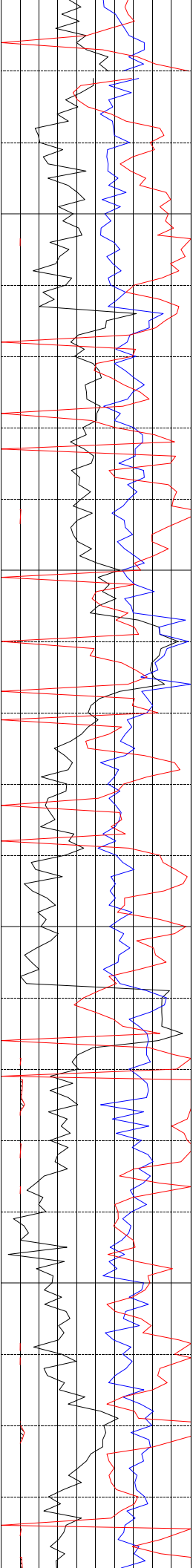




2500

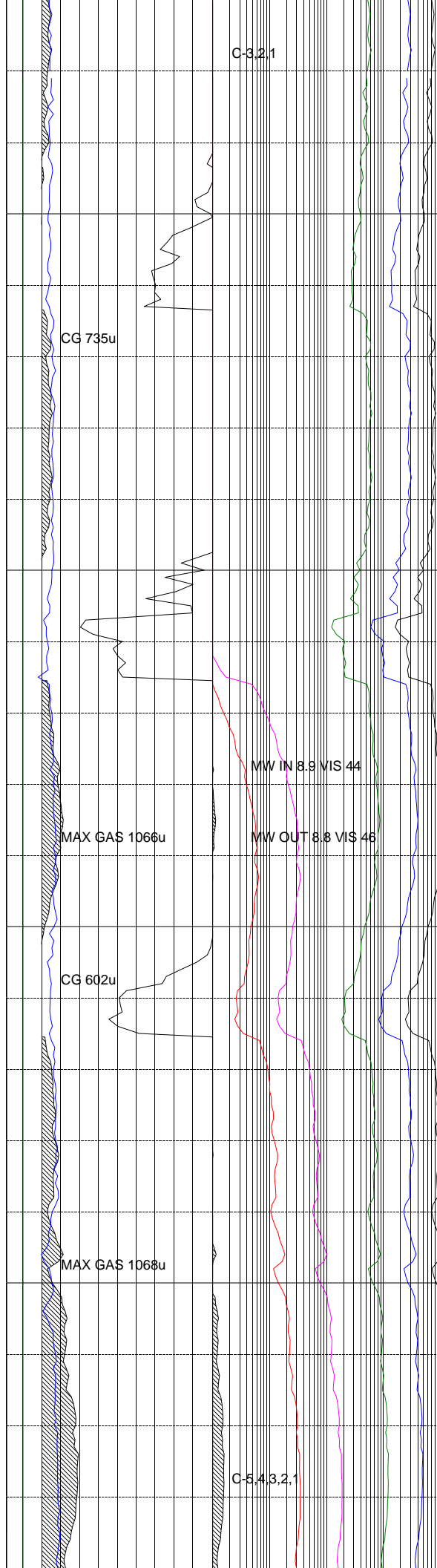
2600





2700

2800



C-3.2,1

CG 735u

MAX GAS 1066u

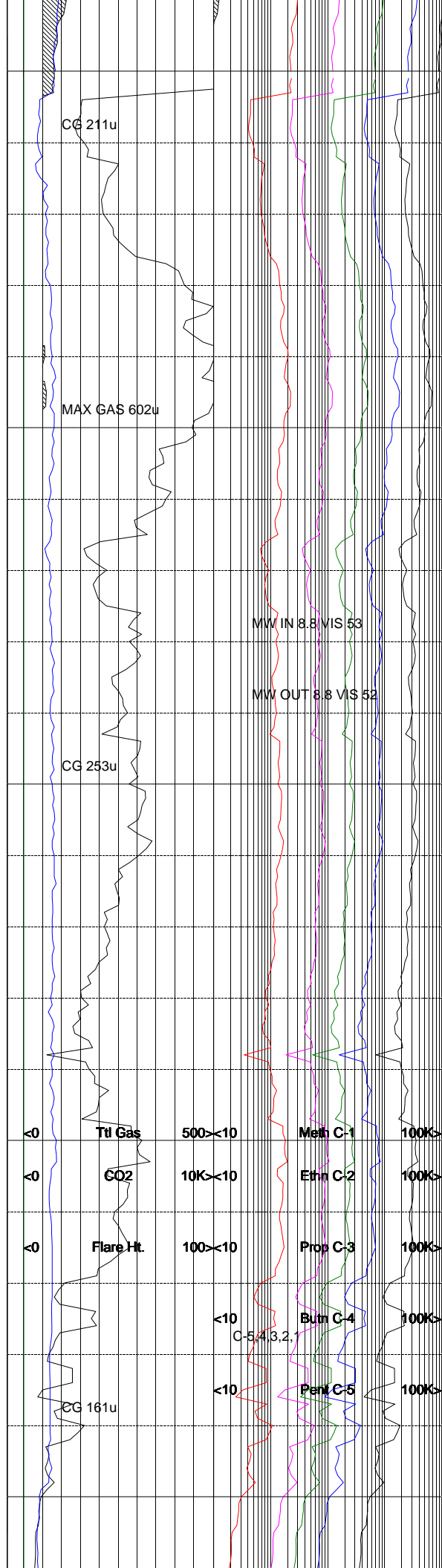
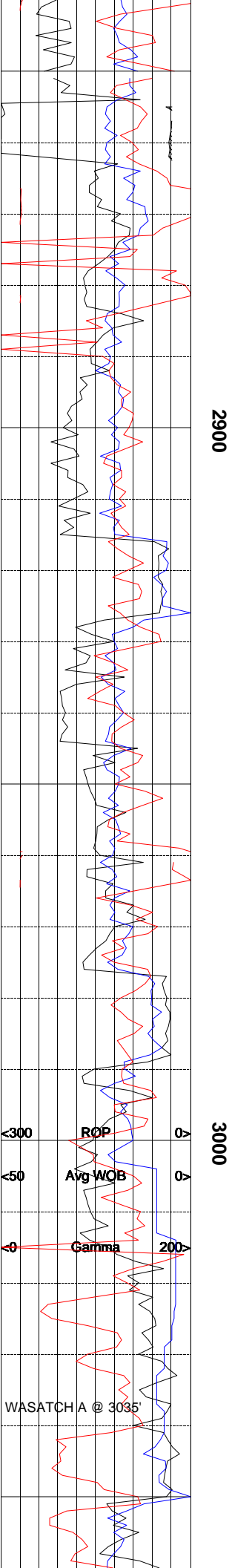
CG 602u

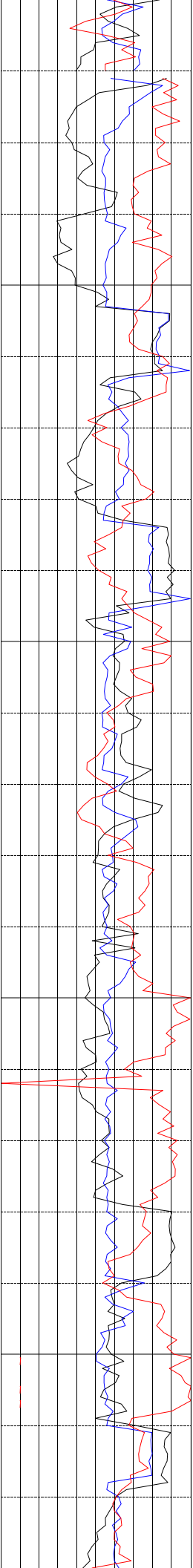
MAX GAS 1068u

C-5.4,3,2,1

MW IN 8.9 VIS 44

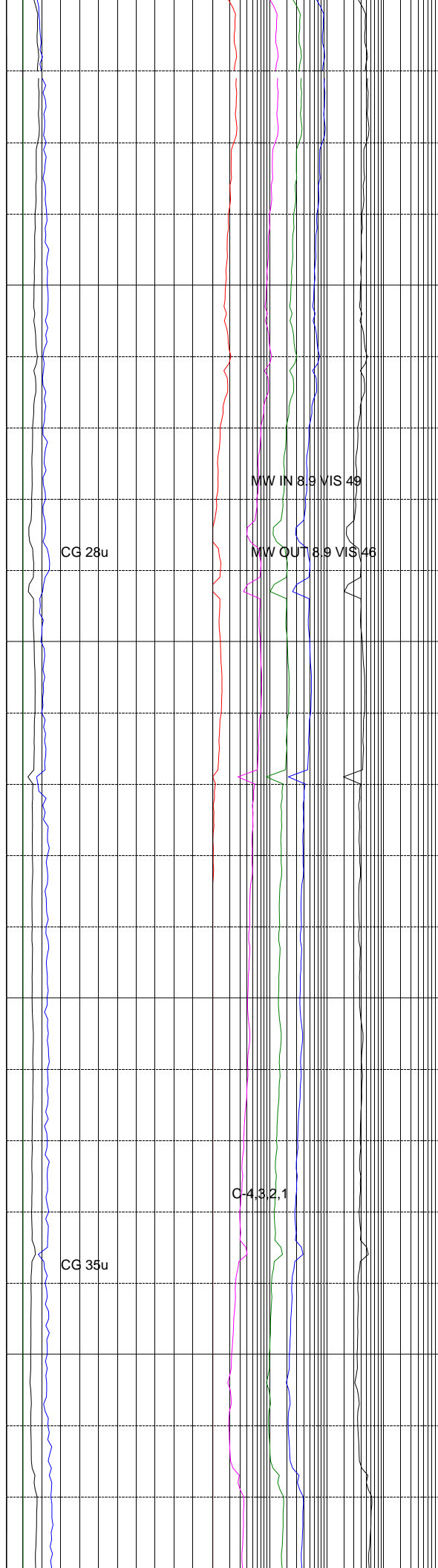
MW OUT 8.8 VIS 46





3100

3200



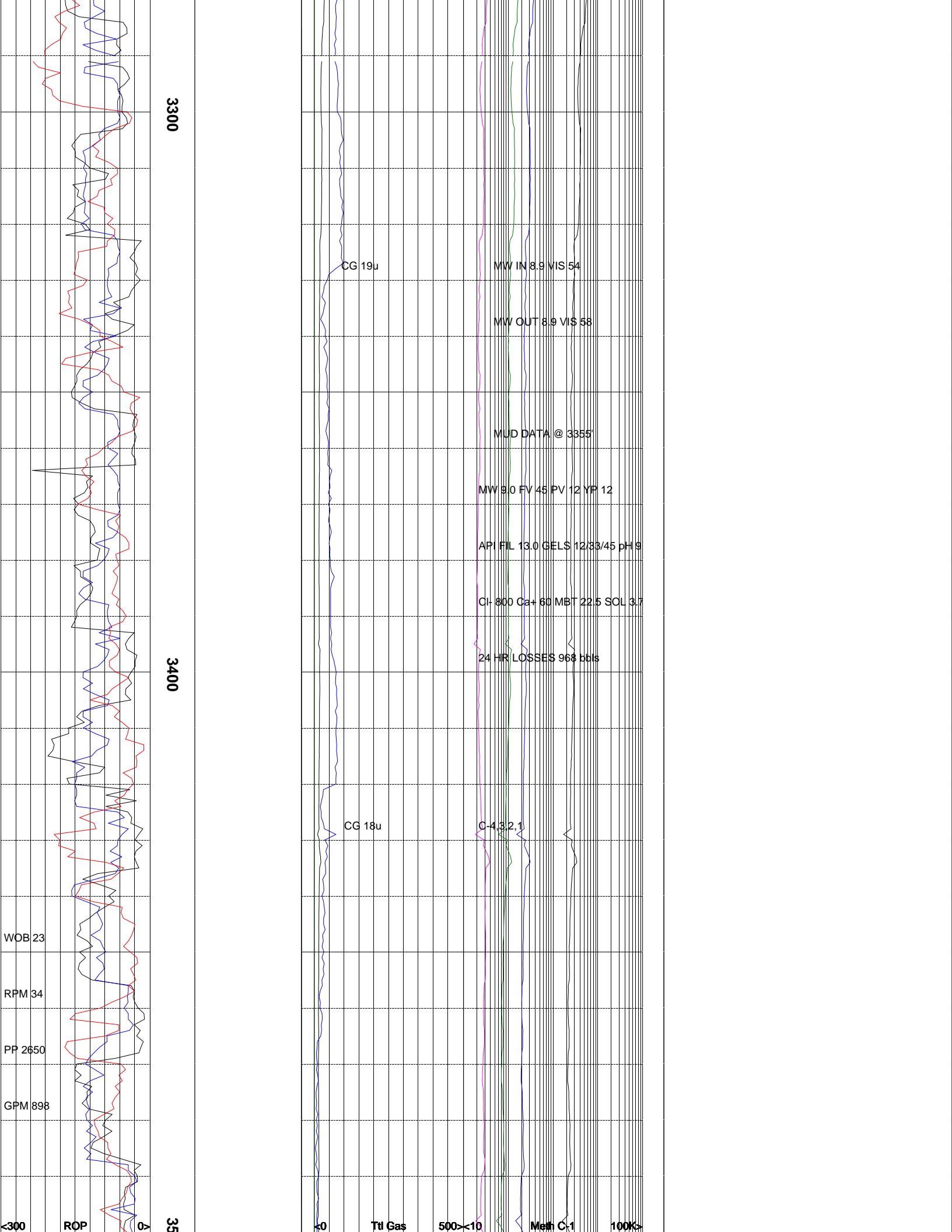
CG 28u

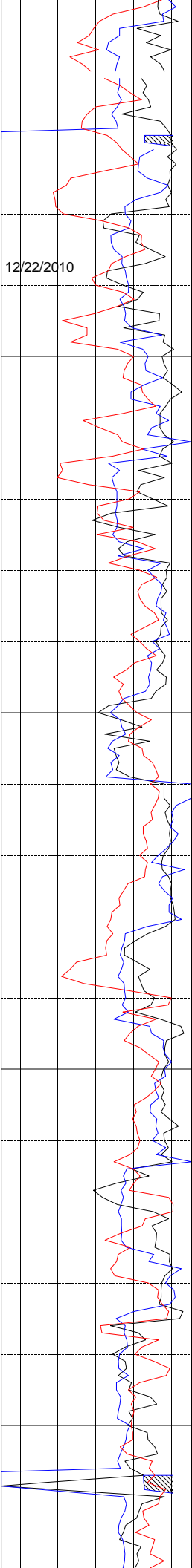
MW IN 8.9 VIS 49

MW OUT 8.9 VIS 46

C-4.3.2.1

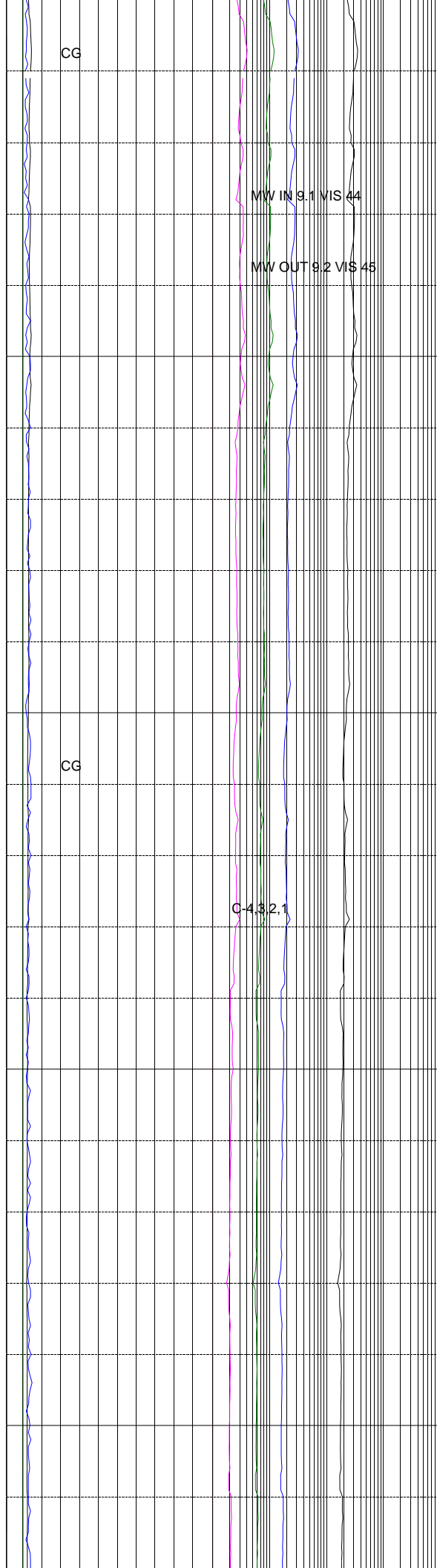
CG 35u





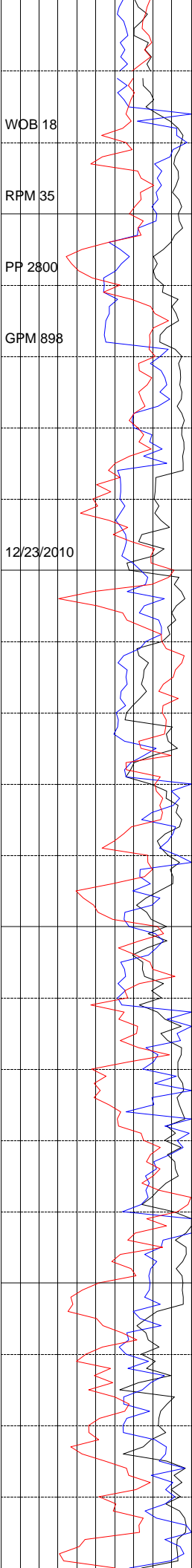
3600

3700



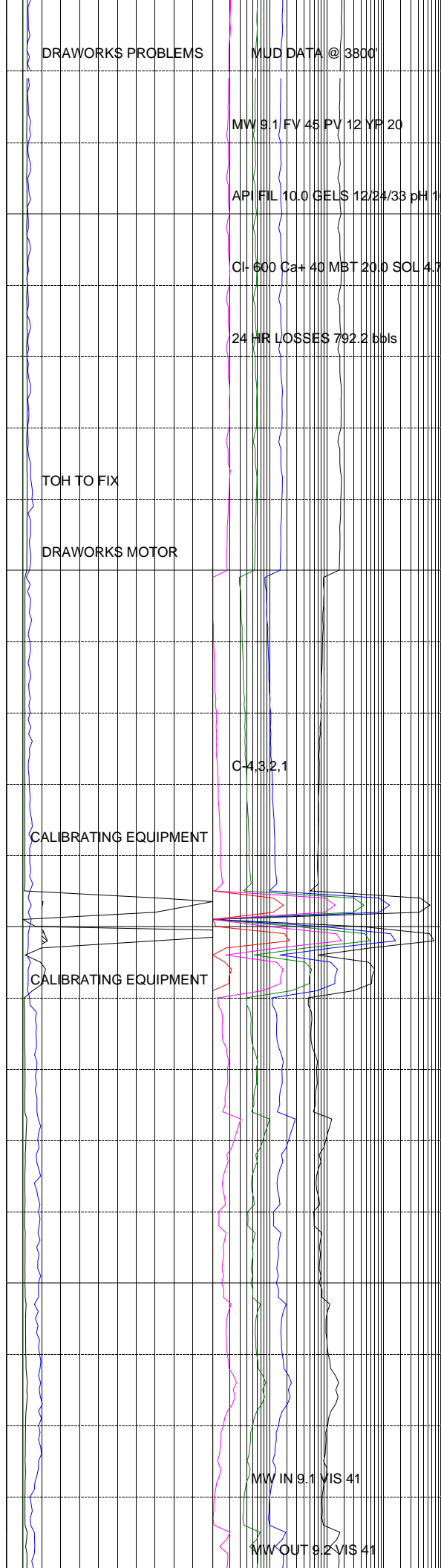
NOTE: DEPTH NOT TRACKING. TROUBLE

SHOOTING DRAWWORKS MOTOR AND SENSORS.



3800

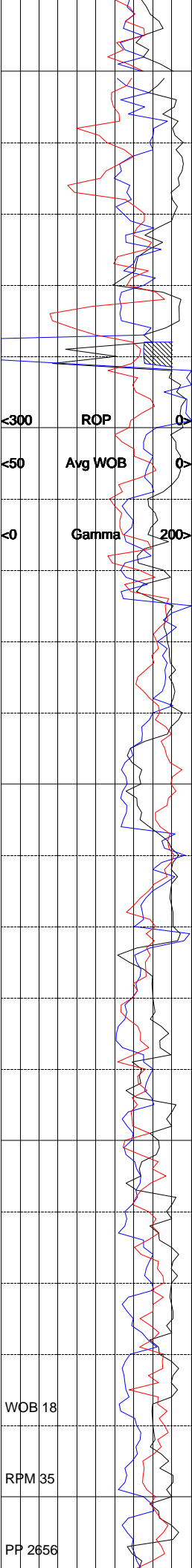
3900



NOTE: TOH CHECK BIT FIX DRAWWORKS MOTOR

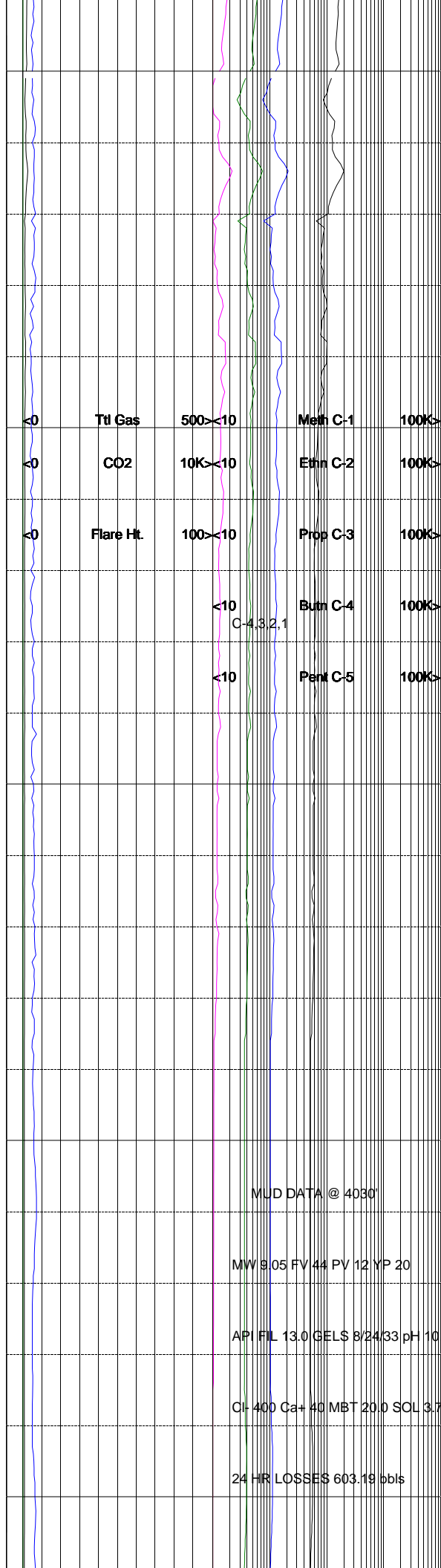
12/22/2010 @ 15:30HRS. RESUMED DRILLING

AHEAD 12/23/2010 05:00 HRS.



4000

4100



<0 Ttl Gas 500><10 Meth C-1 100K>

<0 CO2 10K><10 Ethn C-2 100K>

<0 Flare Ht. 100><10 Prop C-3 100K>

<10 Butn C-4 100K>
C-4,3,2,1

<10 Pent C-5 100K>

MUD DATA @ 4030'

MW 9.05 FV 44 PV 12 YP 20

API FIL 13.0 GELS 8/24/33 pH 10

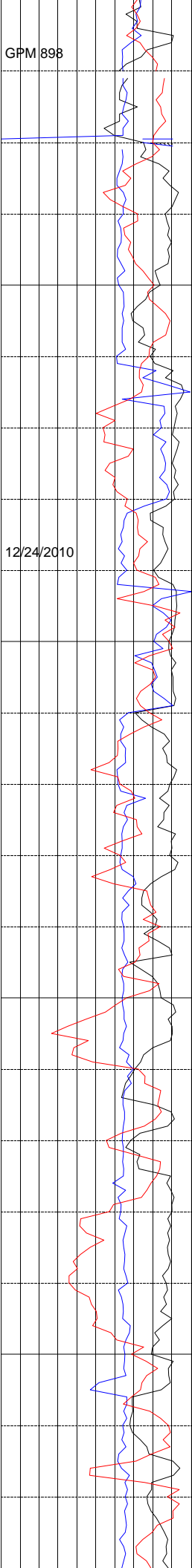
Cl- 400 Ca+ 40 MBT 20.0 SCL 3.7

24 HR LOSSES 603.19 bbls

WOB 18

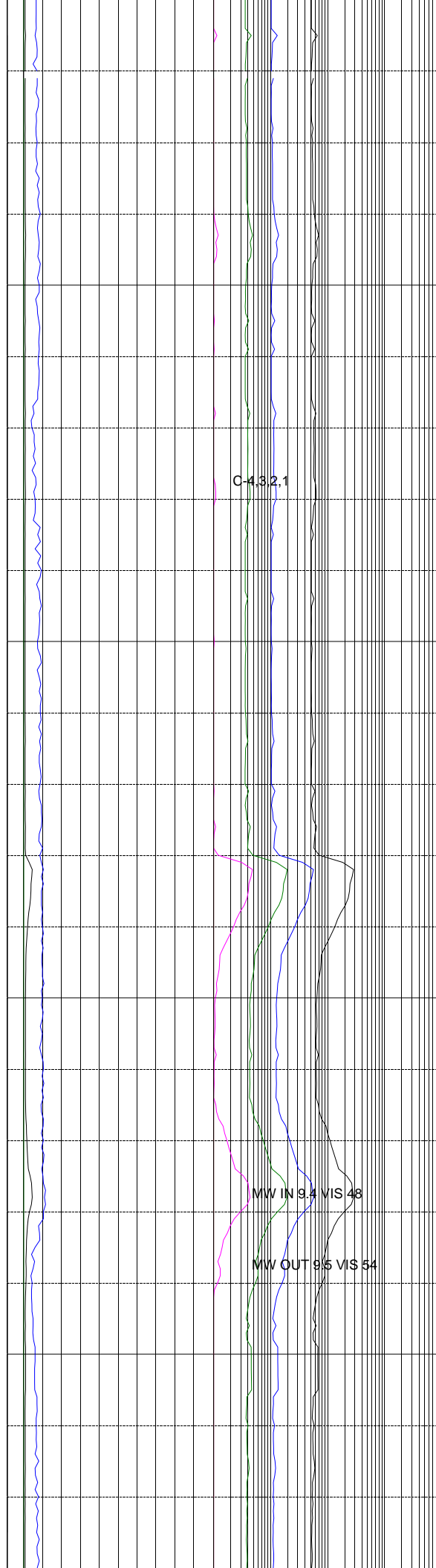
RPM 35

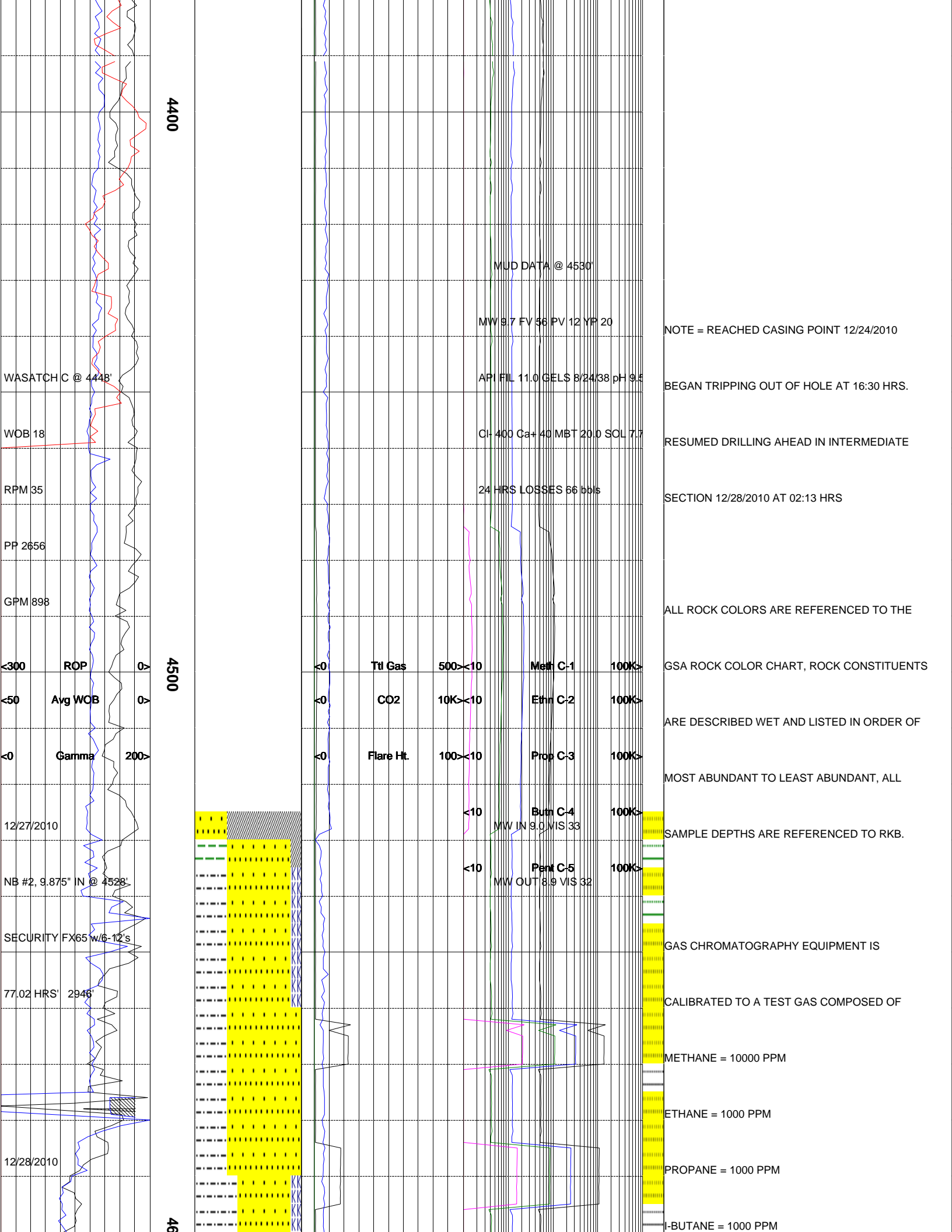
PP 2656

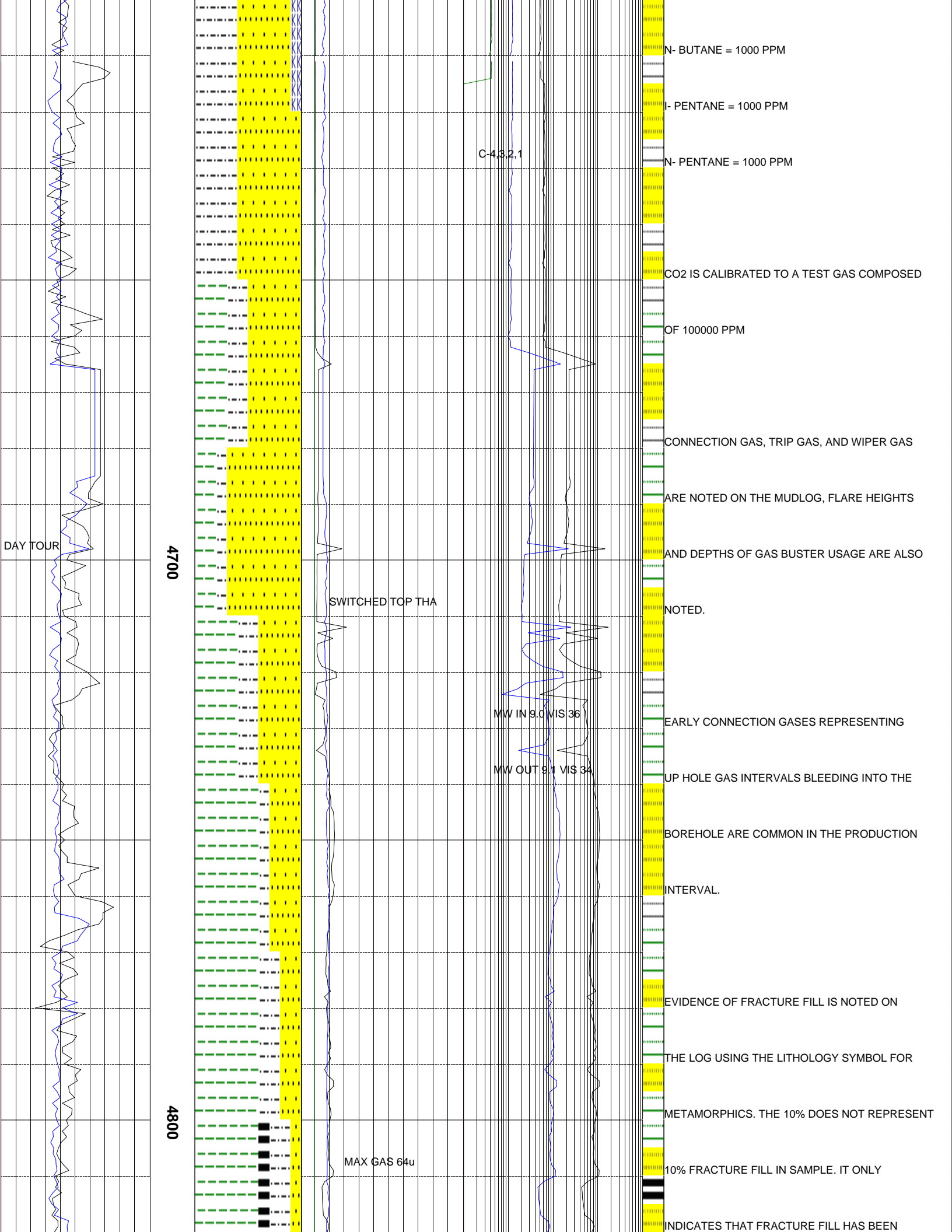


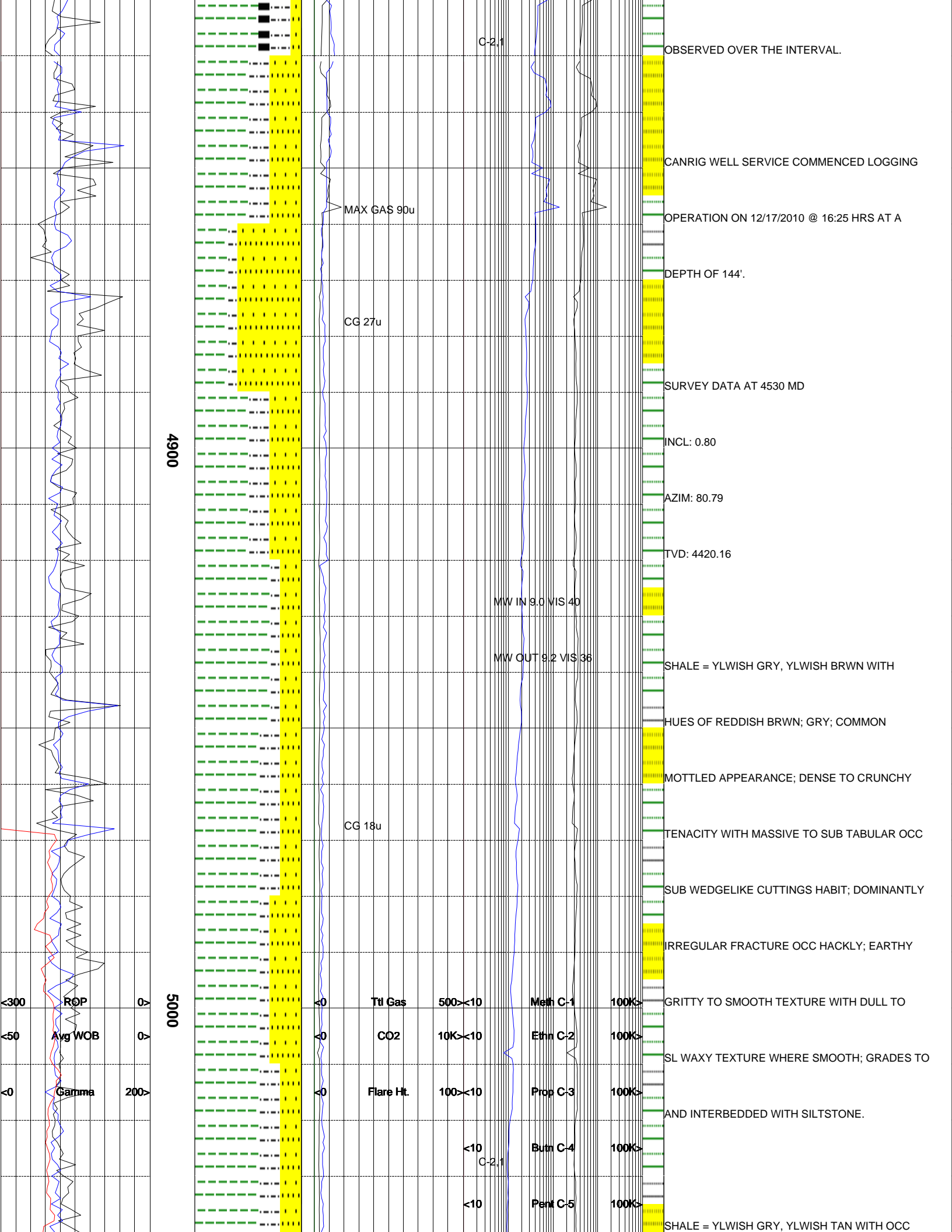
4200

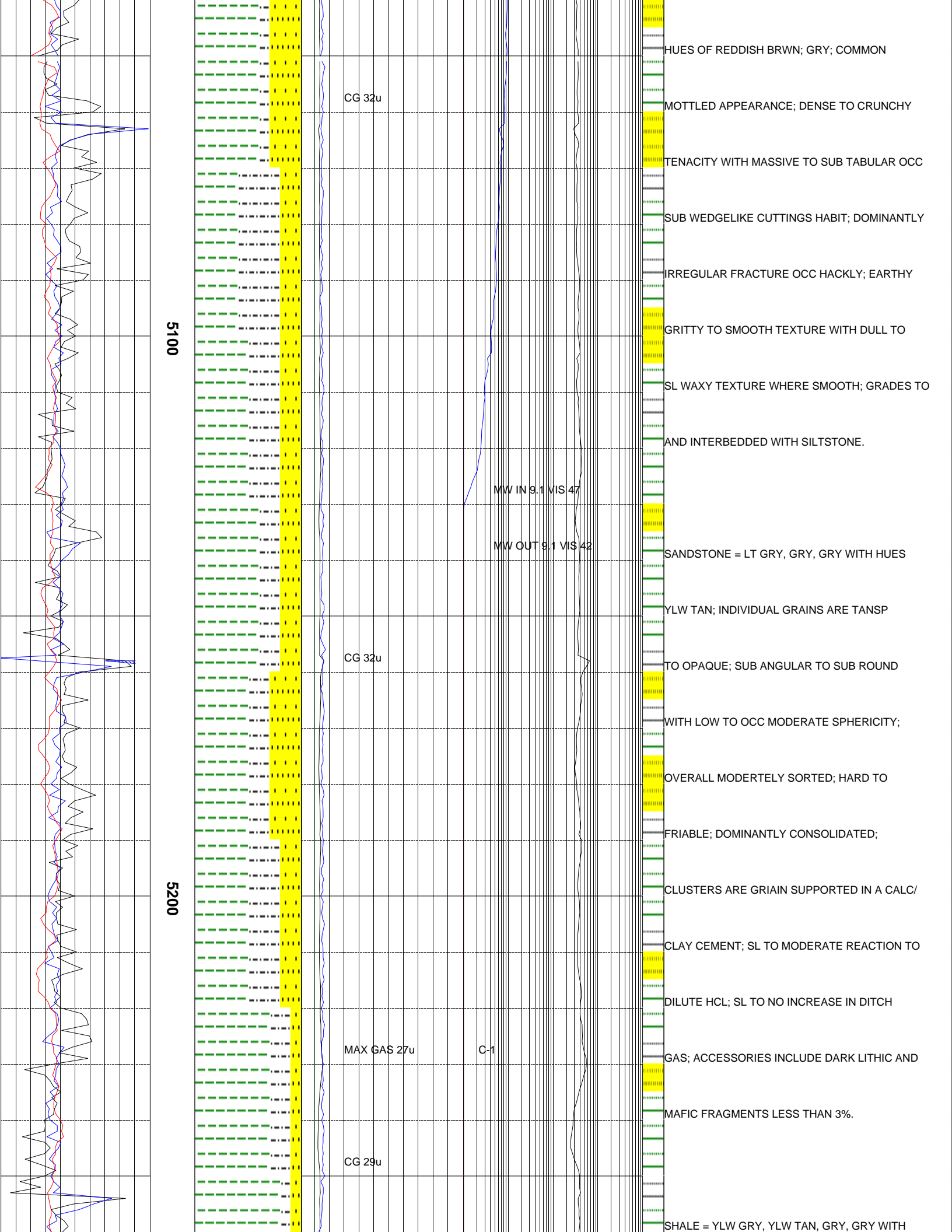
4300

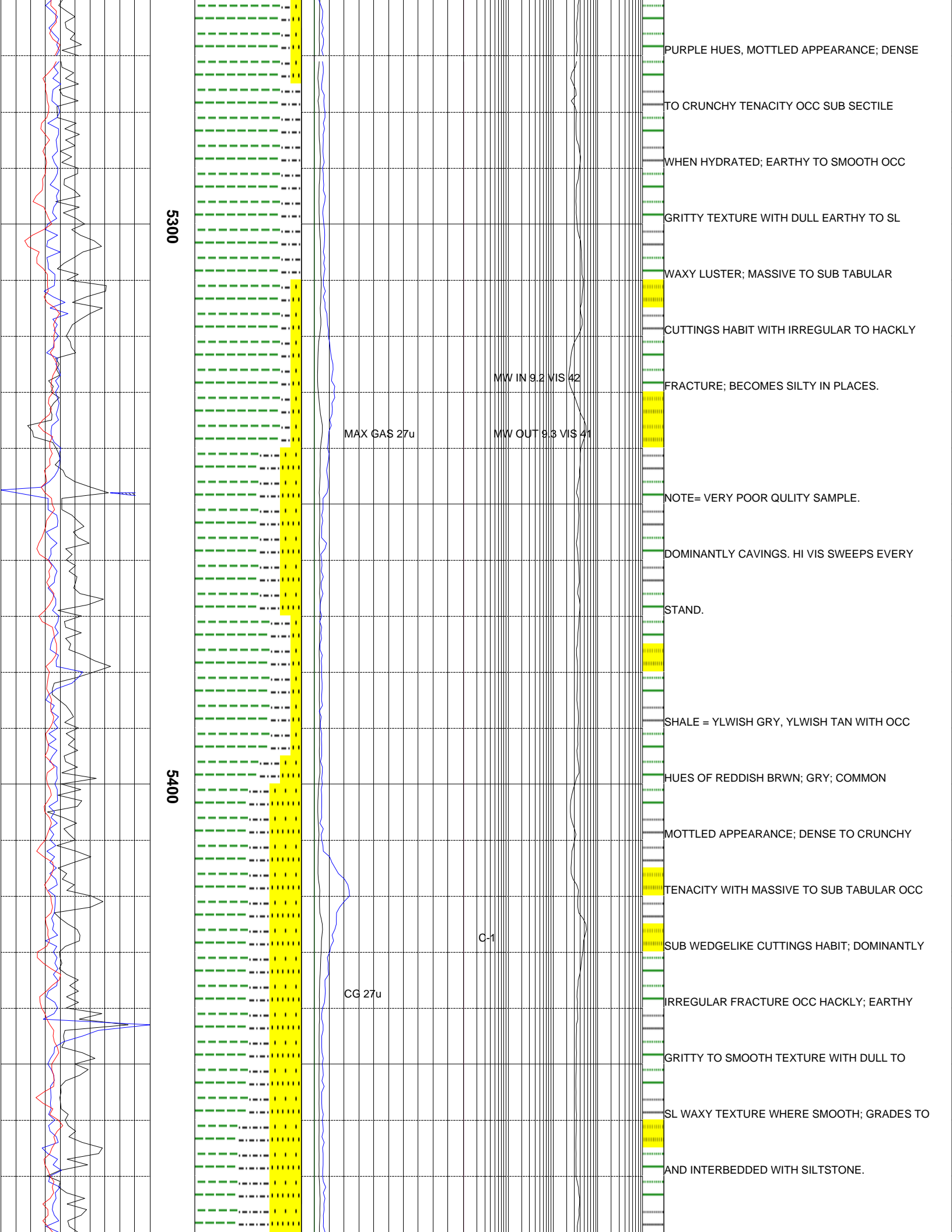


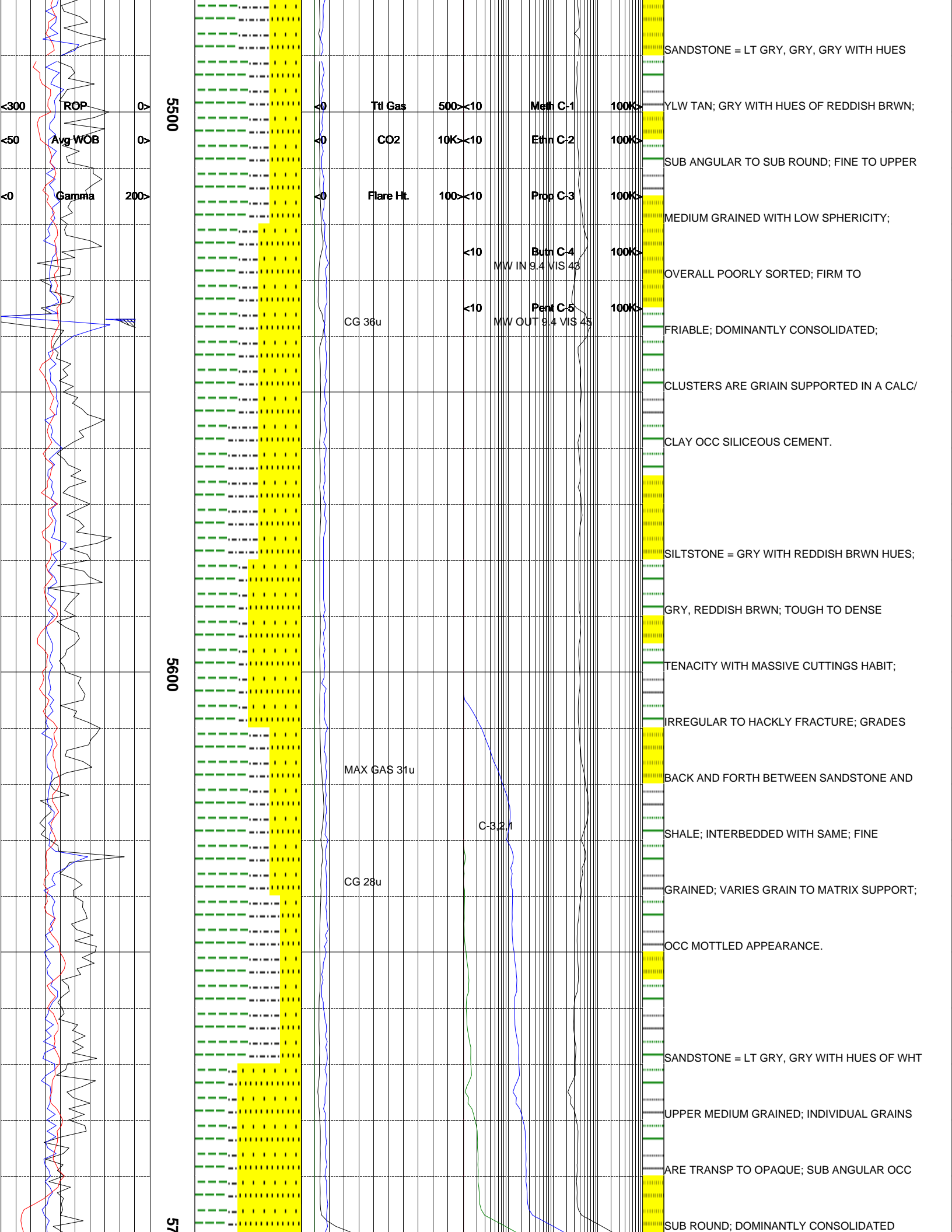


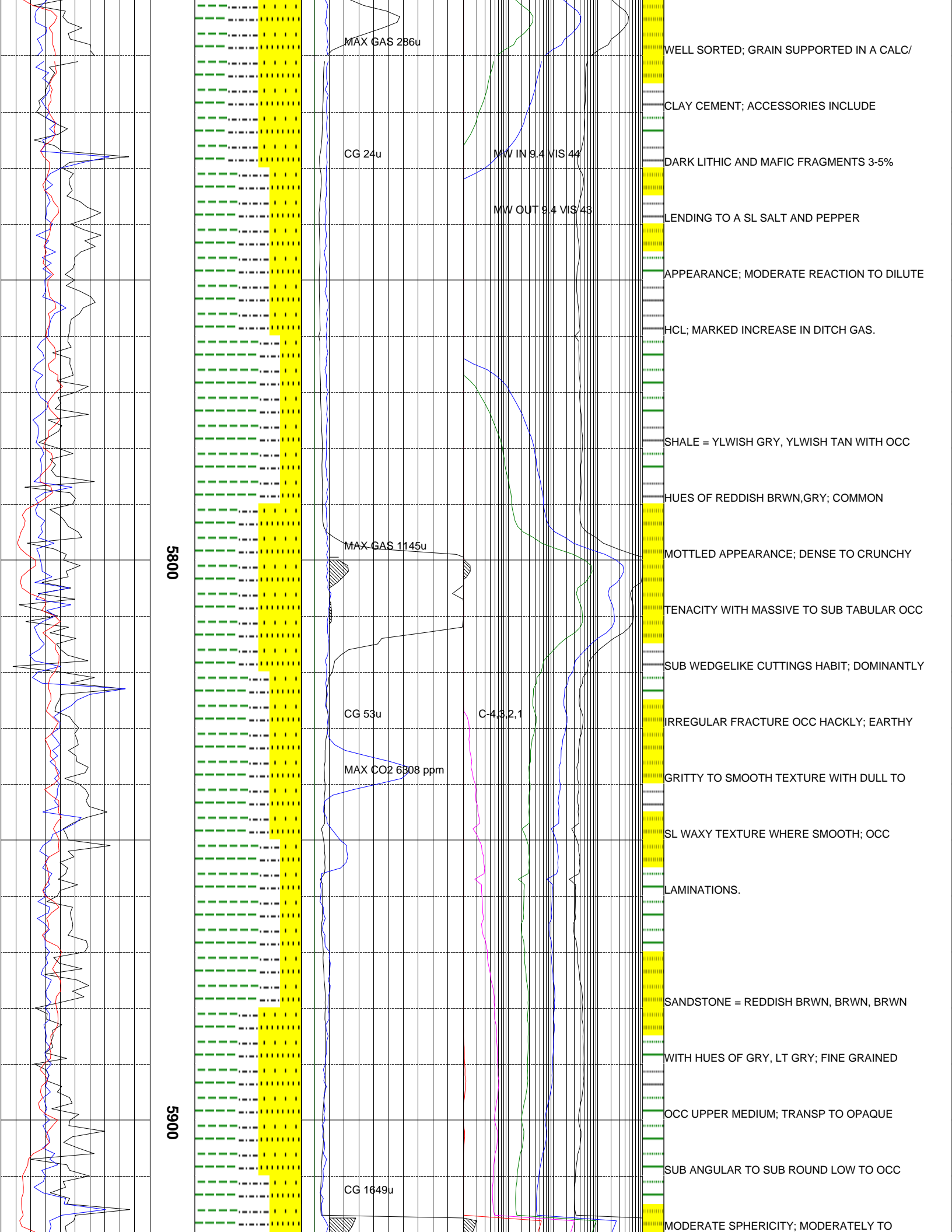












5800

5900

MAX GAS 286u

CG 24u

MW IN 9.4 VIS 44

MW OUT 9.4 VIS 43

MAX GAS 1145u

CG 53u

C-432.1

MAX CO2 6308 ppm

CG 1649u

WELL SORTED; GRAIN SUPPORTED IN A CALC/

CLAY CEMENT; ACCESSORIES INCLUDE

DARK LITHIC AND MAFIC FRAGMENTS 3-5%

BLENDING TO A SL SALT AND PEPPER

APPEARANCE; MODERATE REACTION TO DILUTE

HCL; MARKED INCREASE IN DITCH GAS.

SHALE = YLWISH GRY, YLWISH TAN WITH OCC

HUES OF REDDISH BRWN, GRY; COMMON

MOTTLED APPEARANCE; DENSE TO CRUNCHY

TENACITY WITH MASSIVE TO SUB TABULAR OCC

SUB WEDGELIKE CUTTINGS HABIT; DOMINANTLY

IRREGULAR FRACTURE OCC HACKLY; EARTHY

GRITTY TO SMOOTH TEXTURE WITH DULL TO

SL WAXY TEXTURE WHERE SMOOTH; OCC

LAMINATIONS.

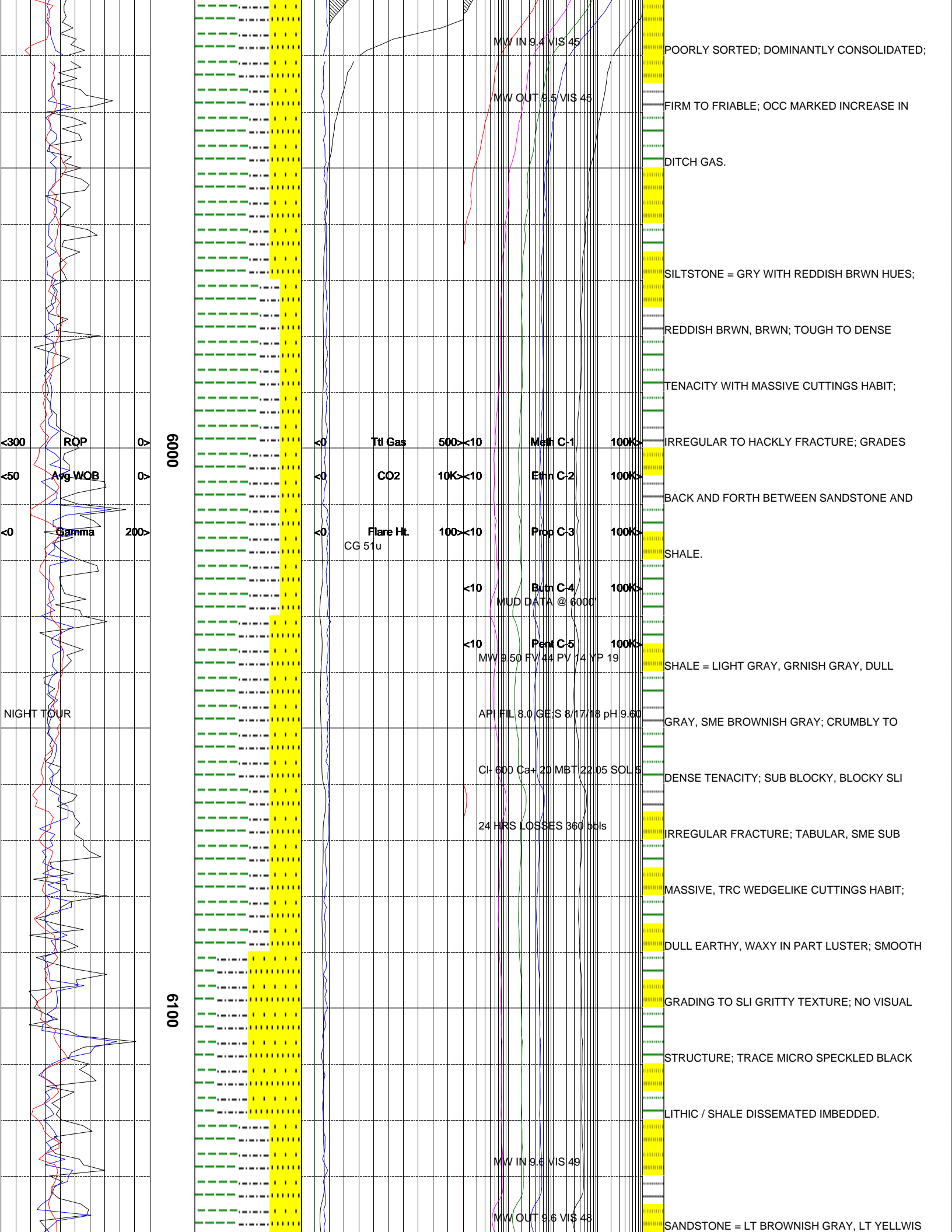
SANDSTONE = REDDISH BRWN, BRWN, BRWN

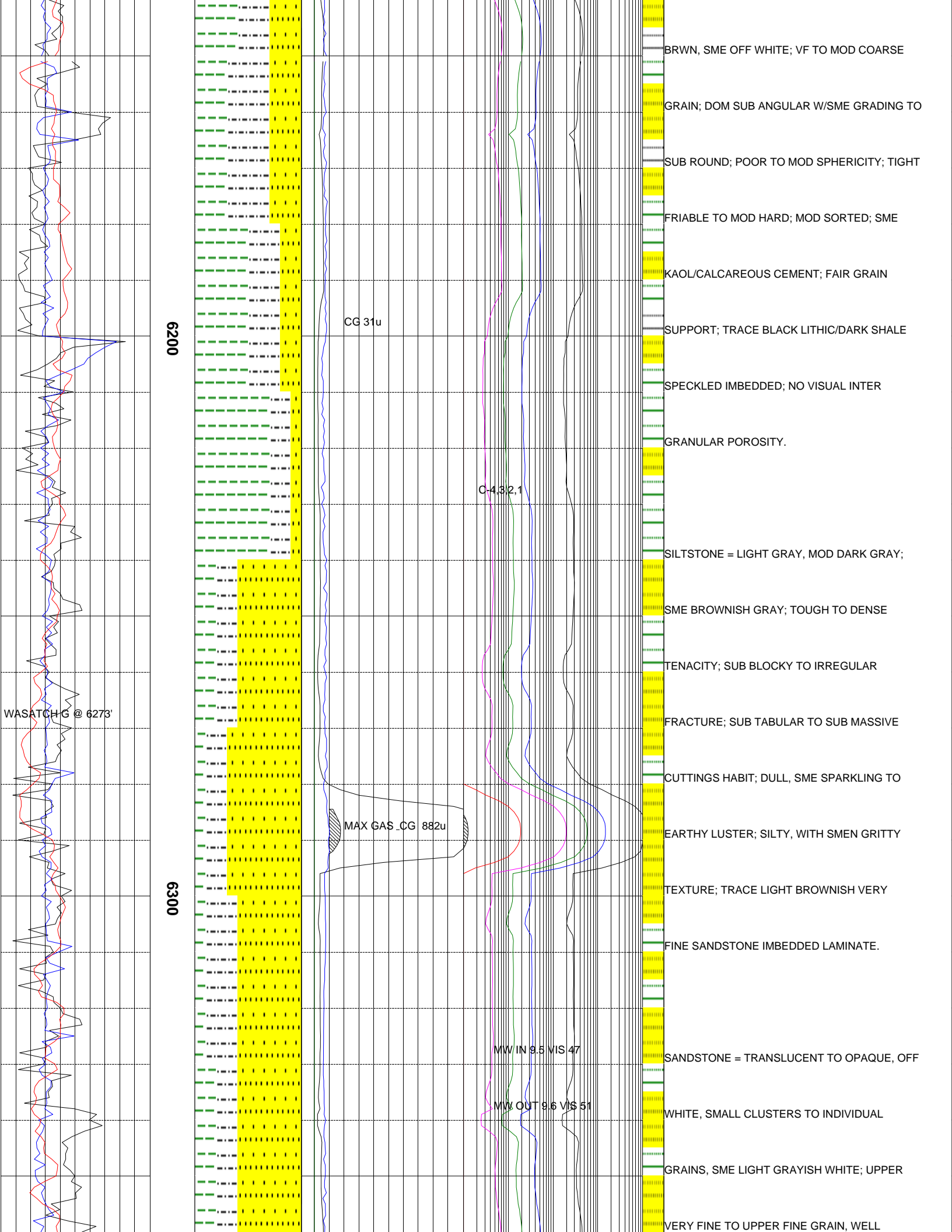
WITH HUES OF GRY, LT GRY; FINE GRAINED

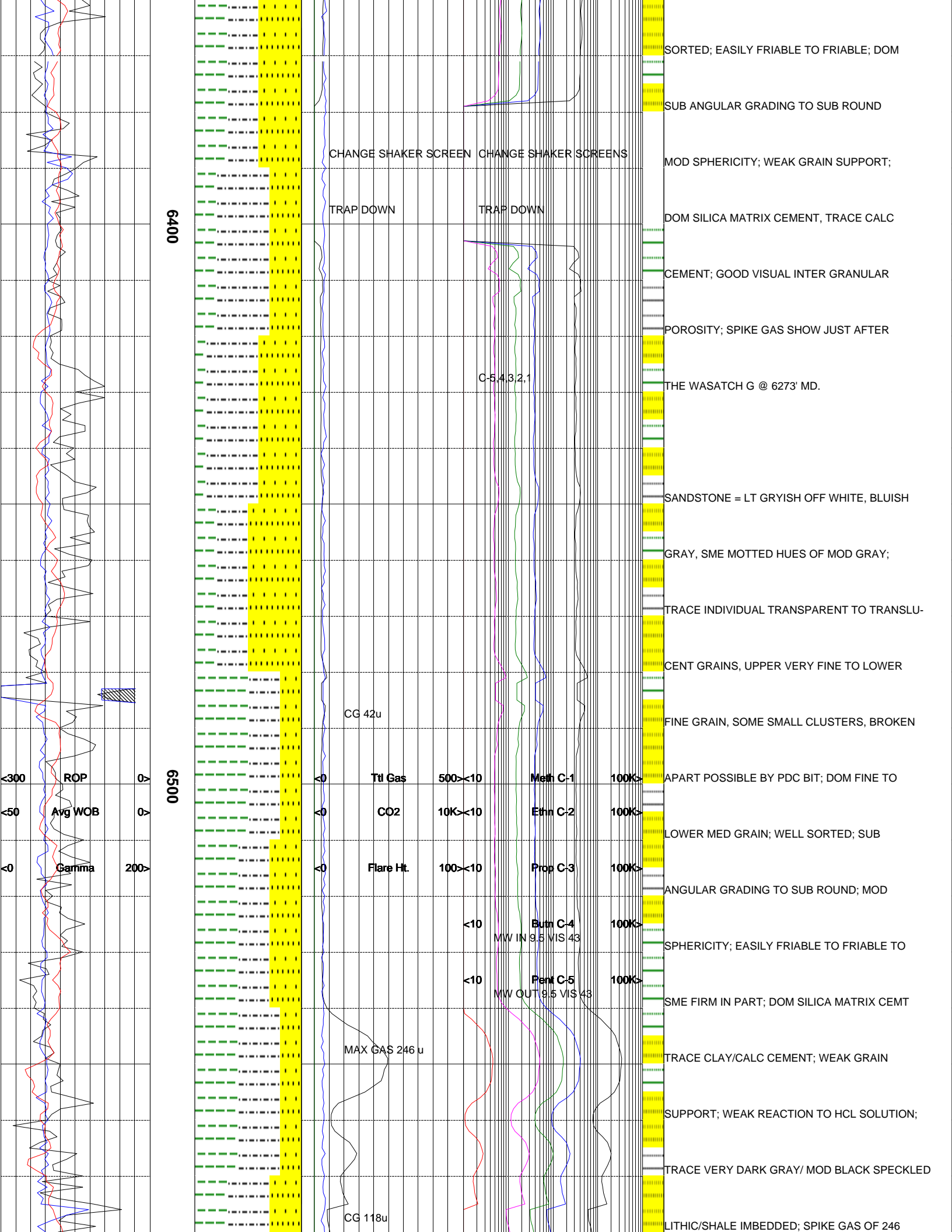
OCC UPPER MEDIUM; TRANSP TO OPAQUE

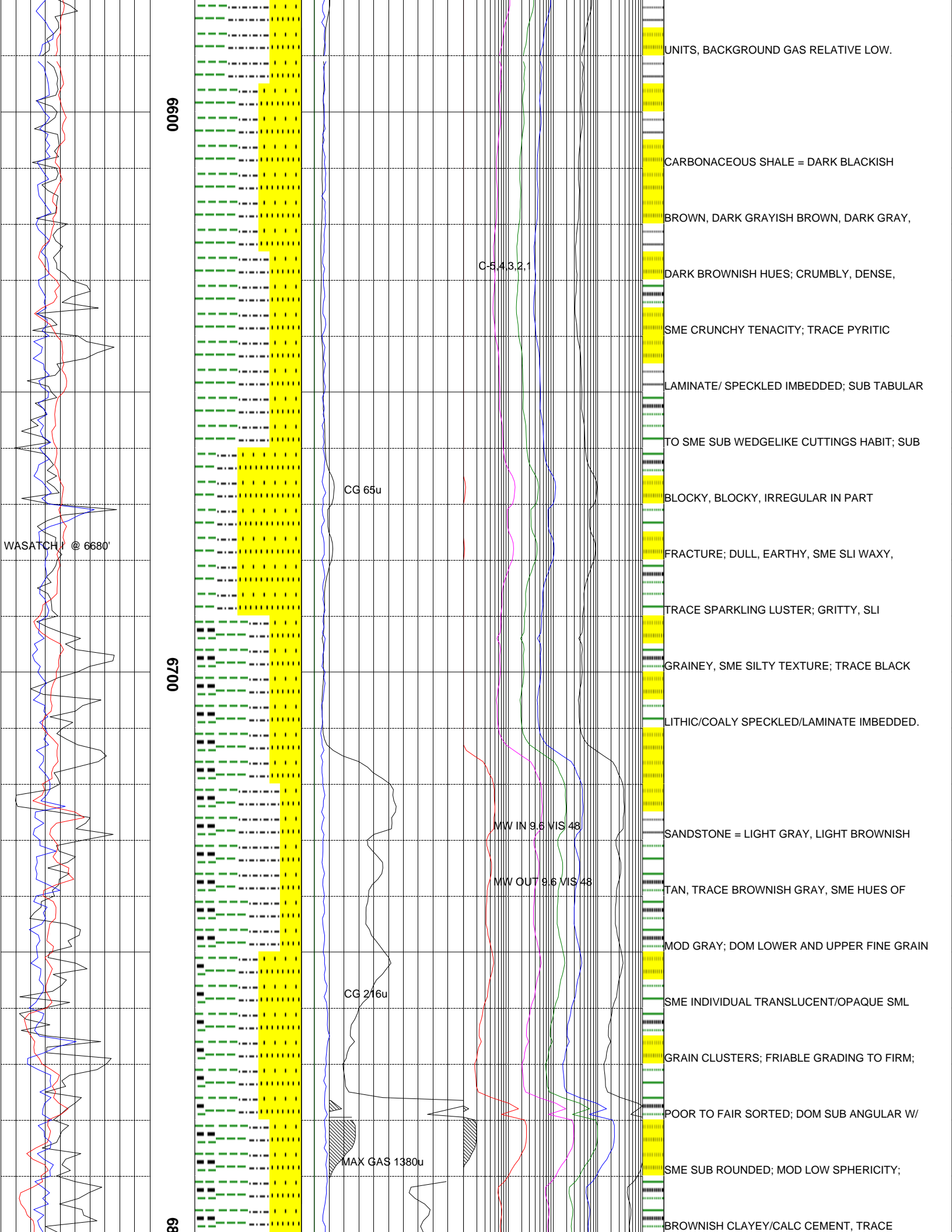
SUB ANGULAR TO SUB ROUND LOW TO OCC

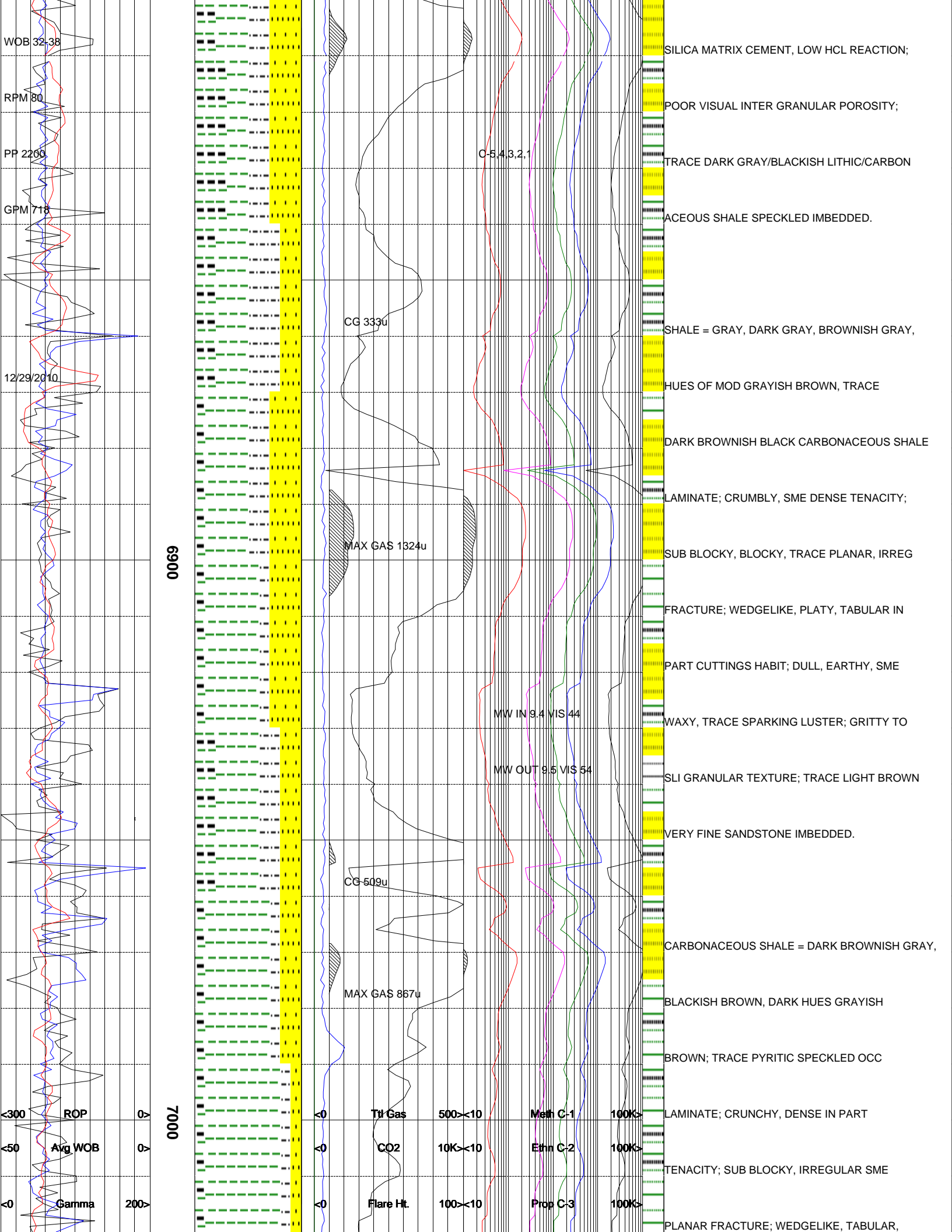
MODERATE SPHERICITY; MODERATELY TO

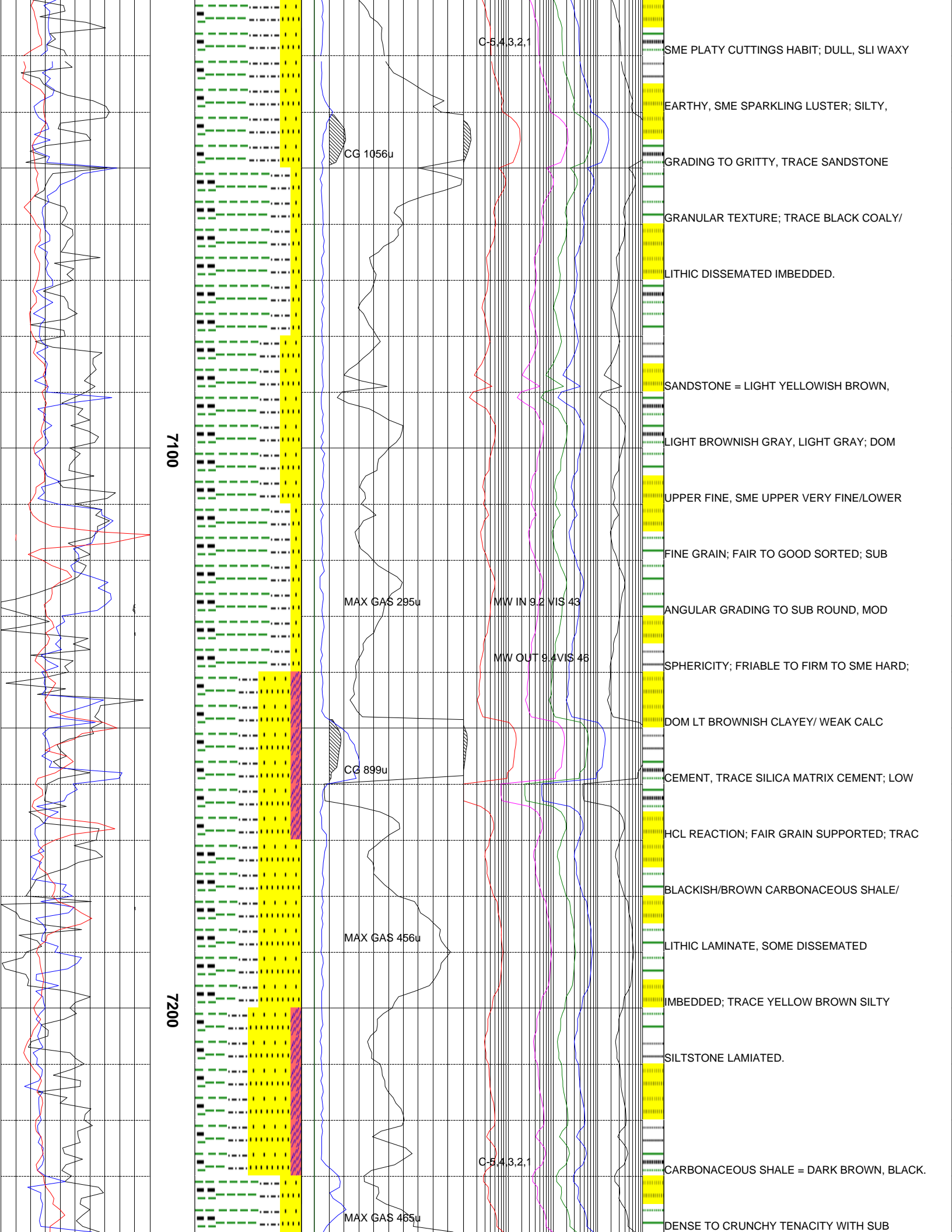


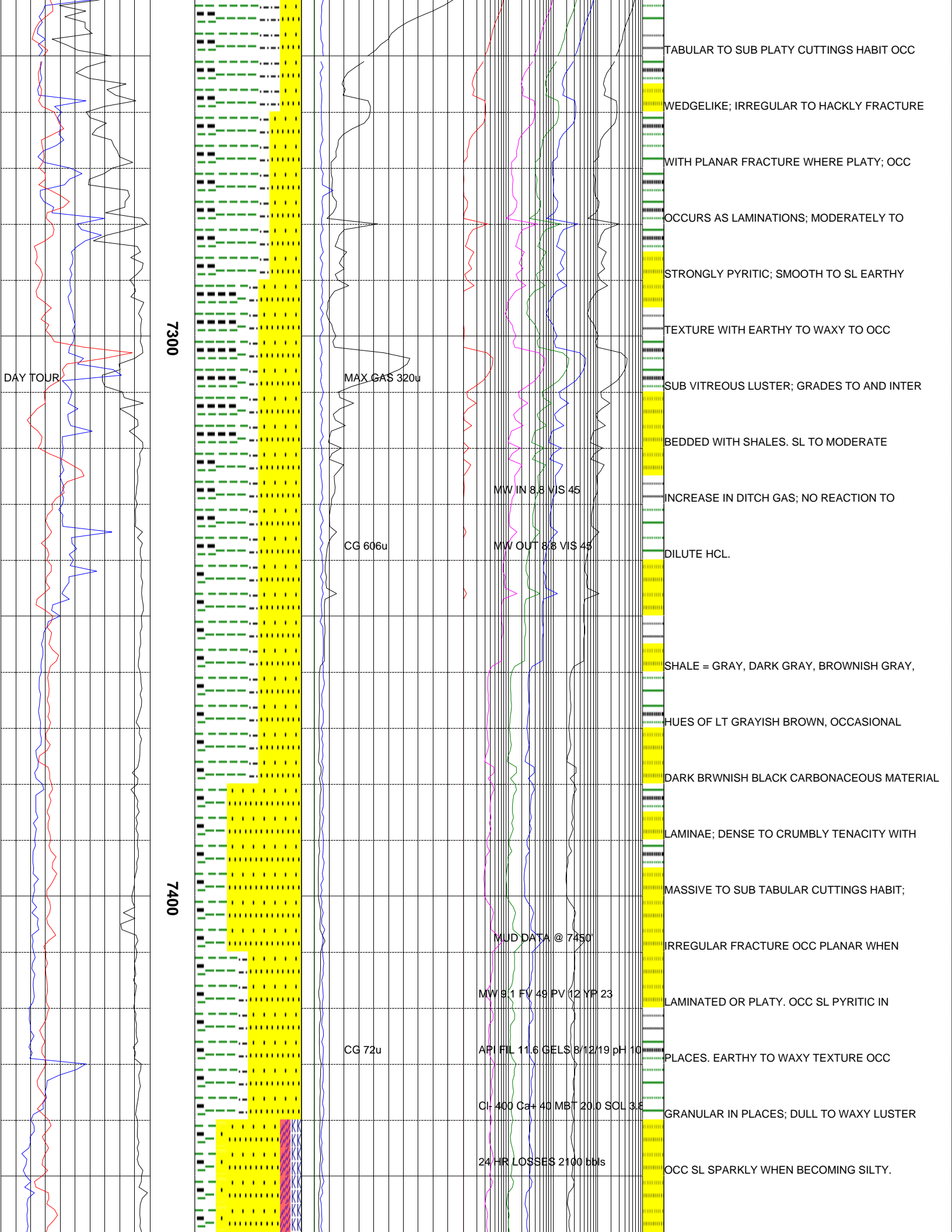


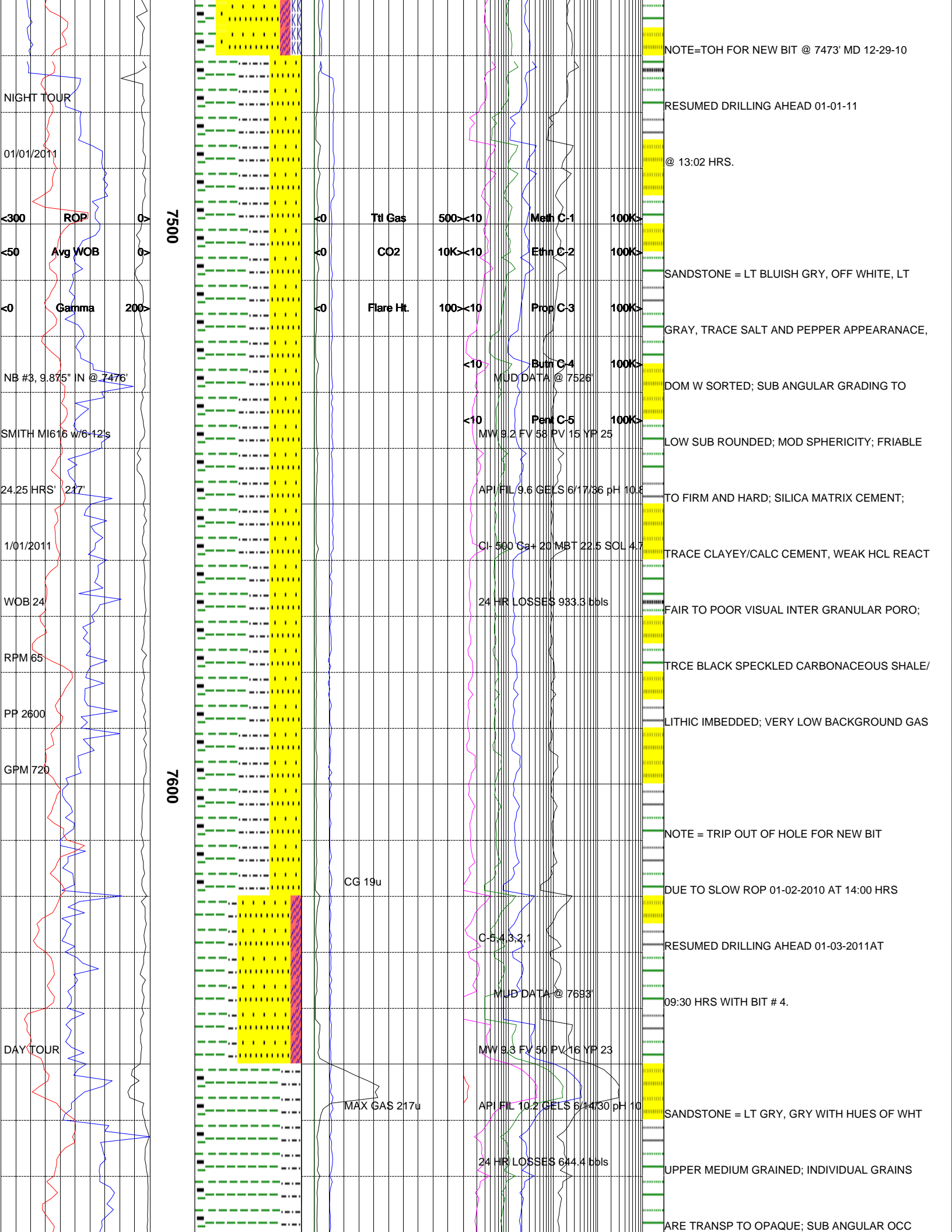


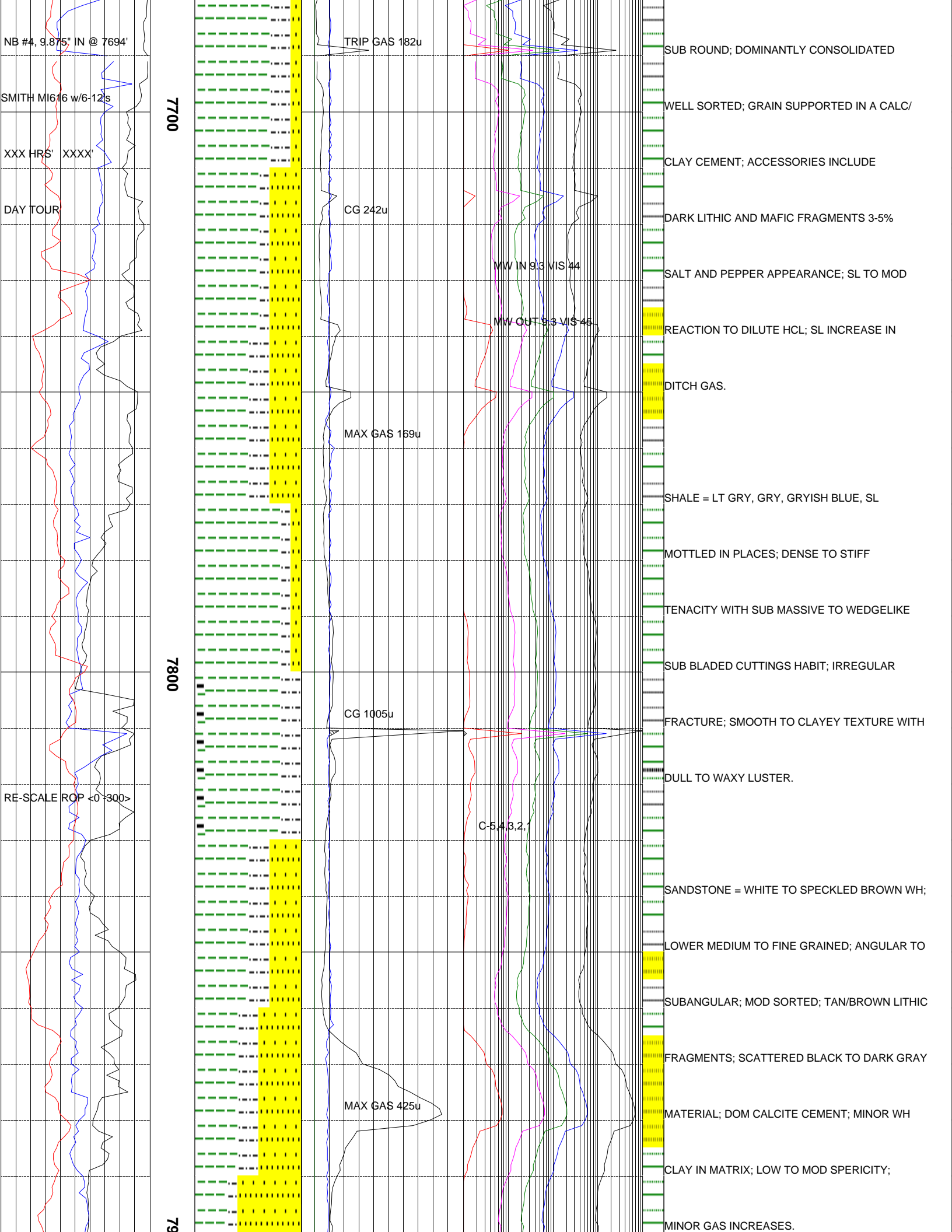


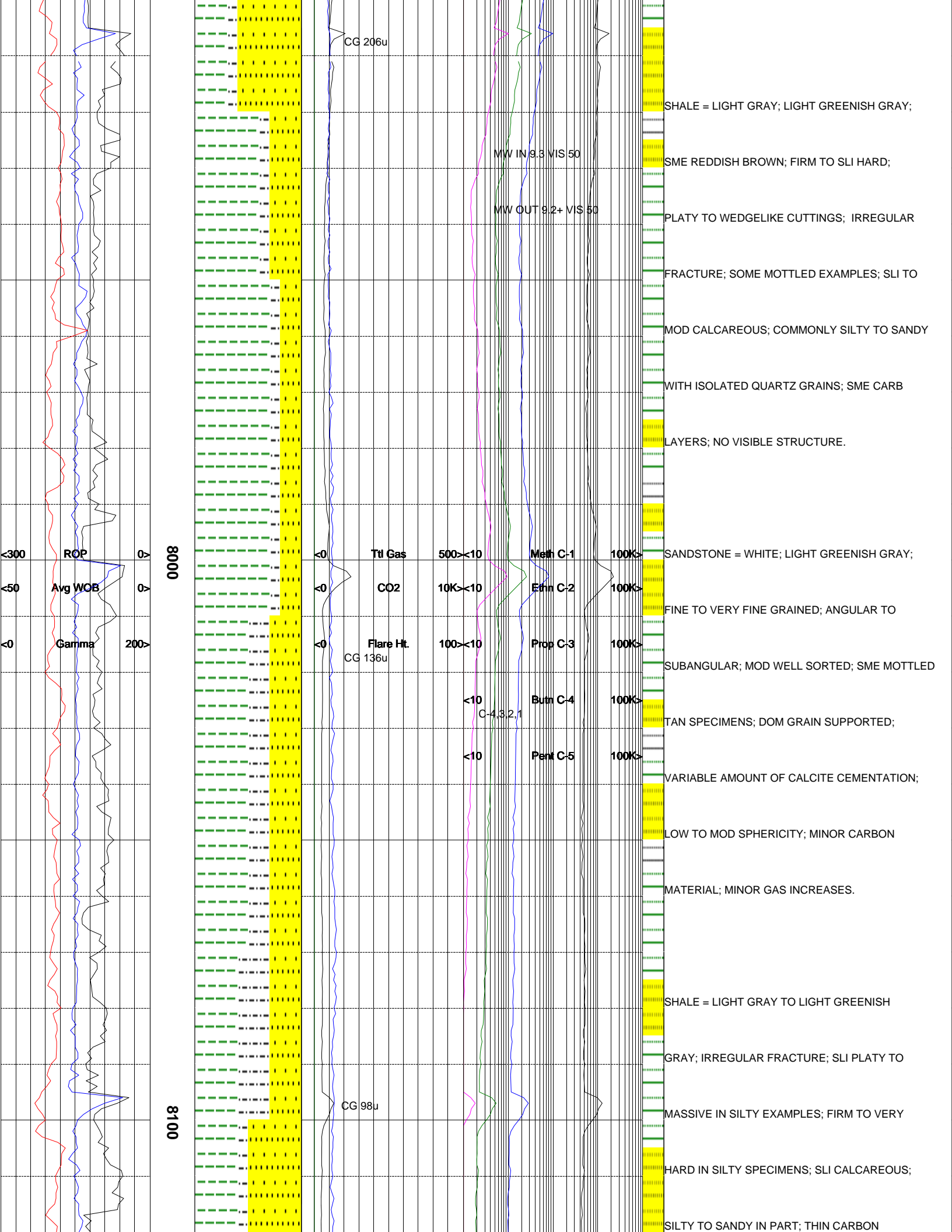


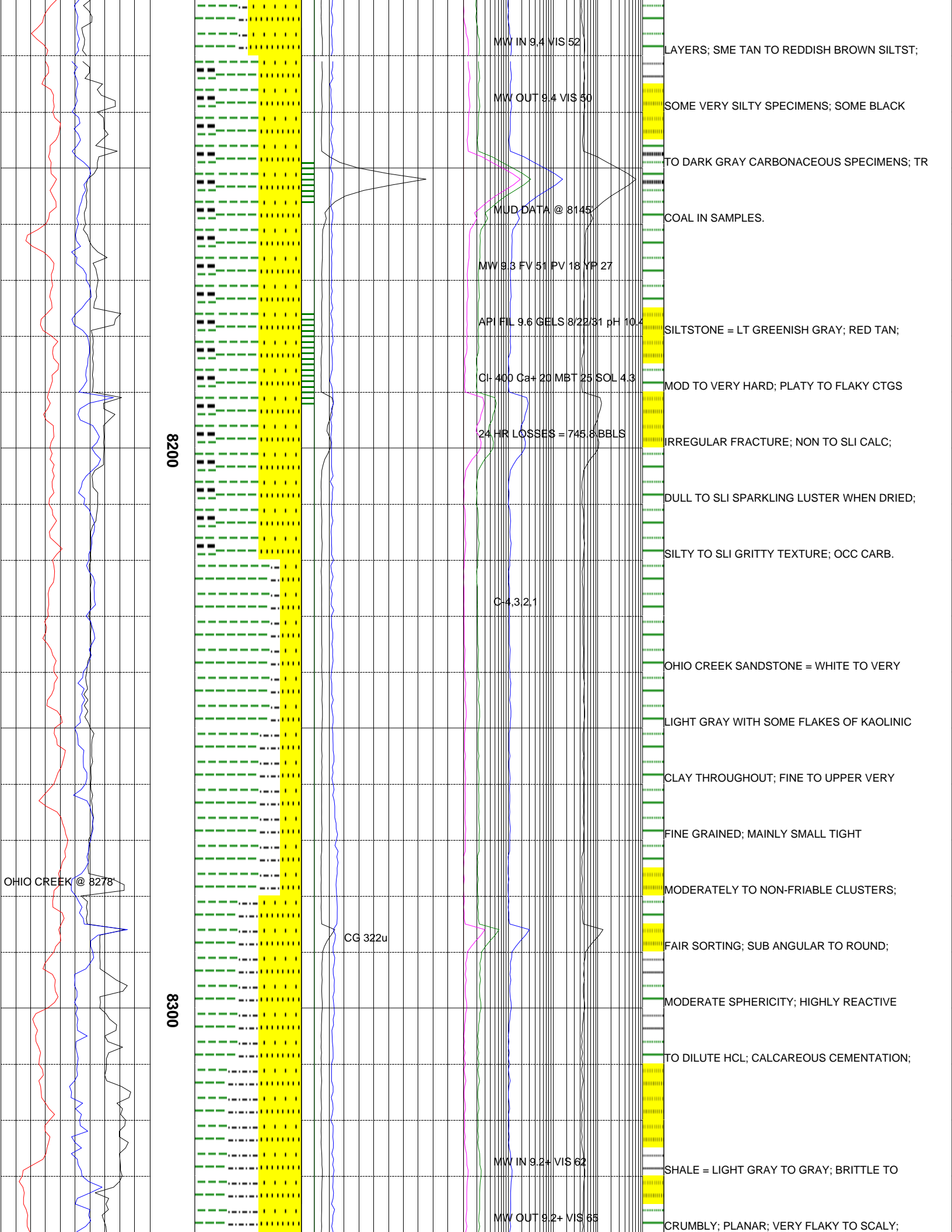


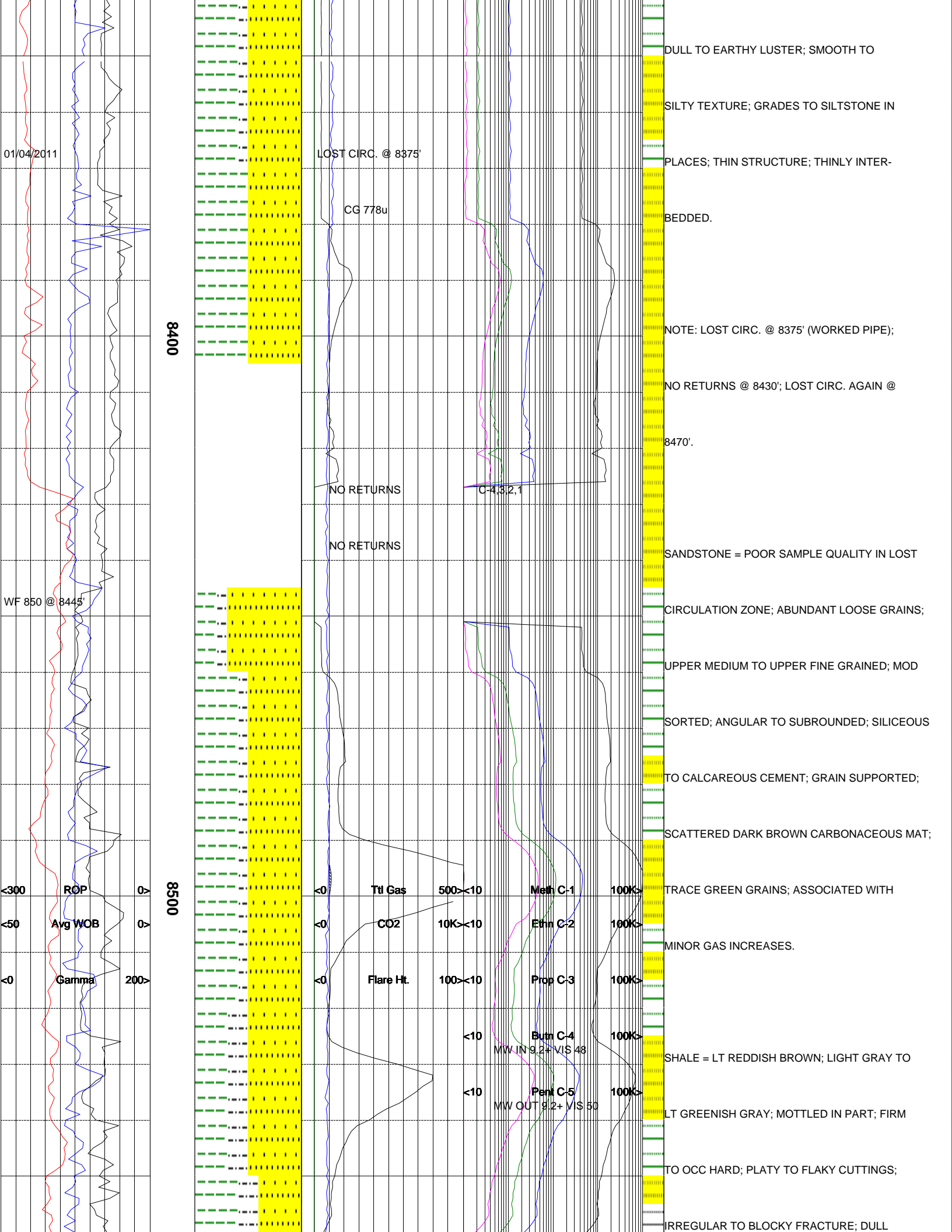


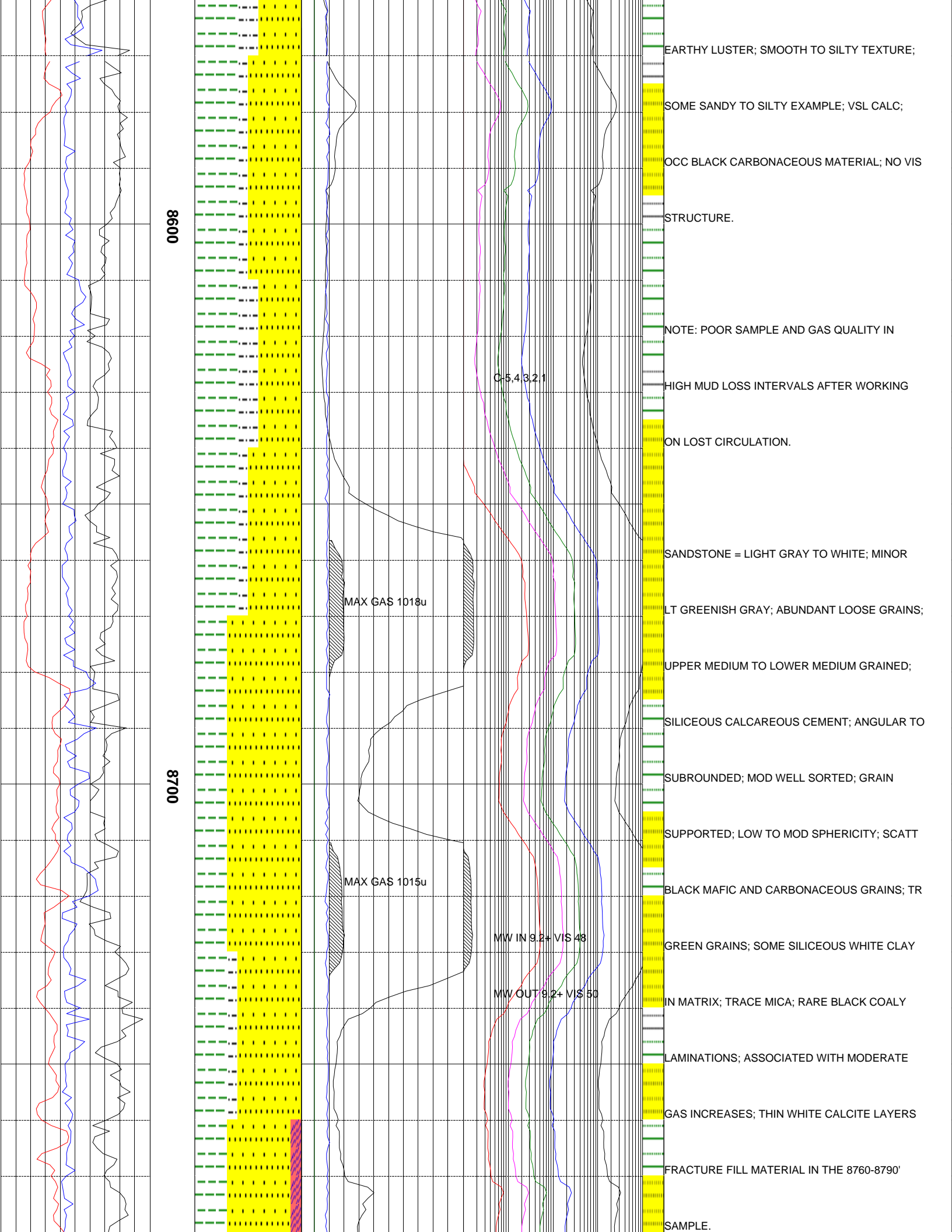


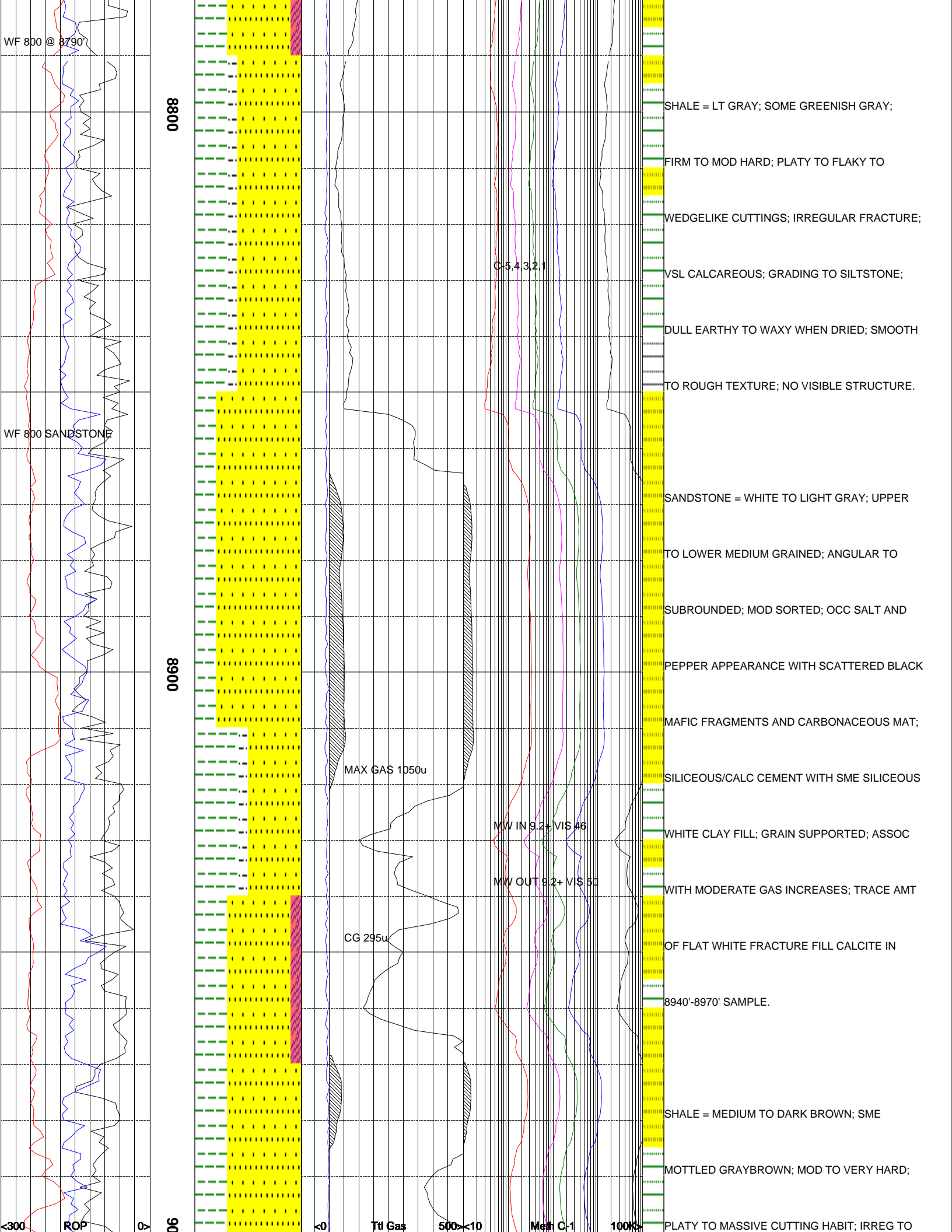


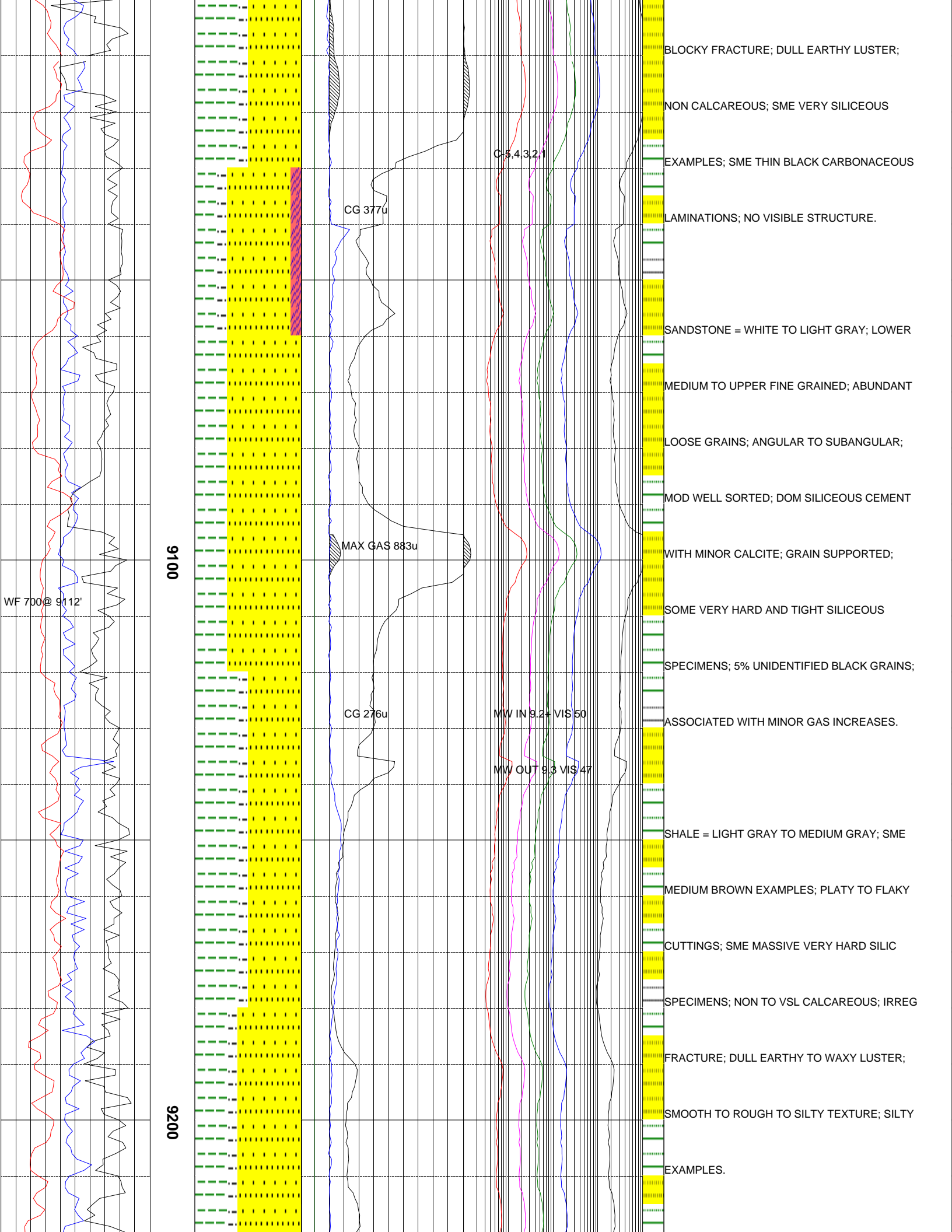












9100

9200

WF 700@ 9112'

CG 377u

MAX GAS 883u

CG 276u

C-5.4321

MW IN 8.2+ VIS 50

MW OUT 9.3 VIS 47

BLOCKY FRACTURE; DULL EARTHY LUSTER;

NON CALCAREOUS; SME VERY SILICEOUS

EXAMPLES; SME THIN BLACK CARBONACEOUS

LAMINATIONS; NO VISIBLE STRUCTURE.

SANDSTONE = WHITE TO LIGHT GRAY; LOWER

MEDIUM TO UPPER FINE GRAINED; ABUNDANT

LOOSE GRAINS; ANGULAR TO SUBANGULAR;

MOD WELL SORTED; DOM SILICEOUS CEMENT

WITH MINOR CALCITE; GRAIN SUPPORTED;

SOME VERY HARD AND TIGHT SILICEOUS

SPECIMENS; 5% UNIDENTIFIED BLACK GRAINS;

ASSOCIATED WITH MINOR GAS INCREASES.

SHALE = LIGHT GRAY TO MEDIUM GRAY; SME

MEDIUM BROWN EXAMPLES; PLATY TO FLAKY

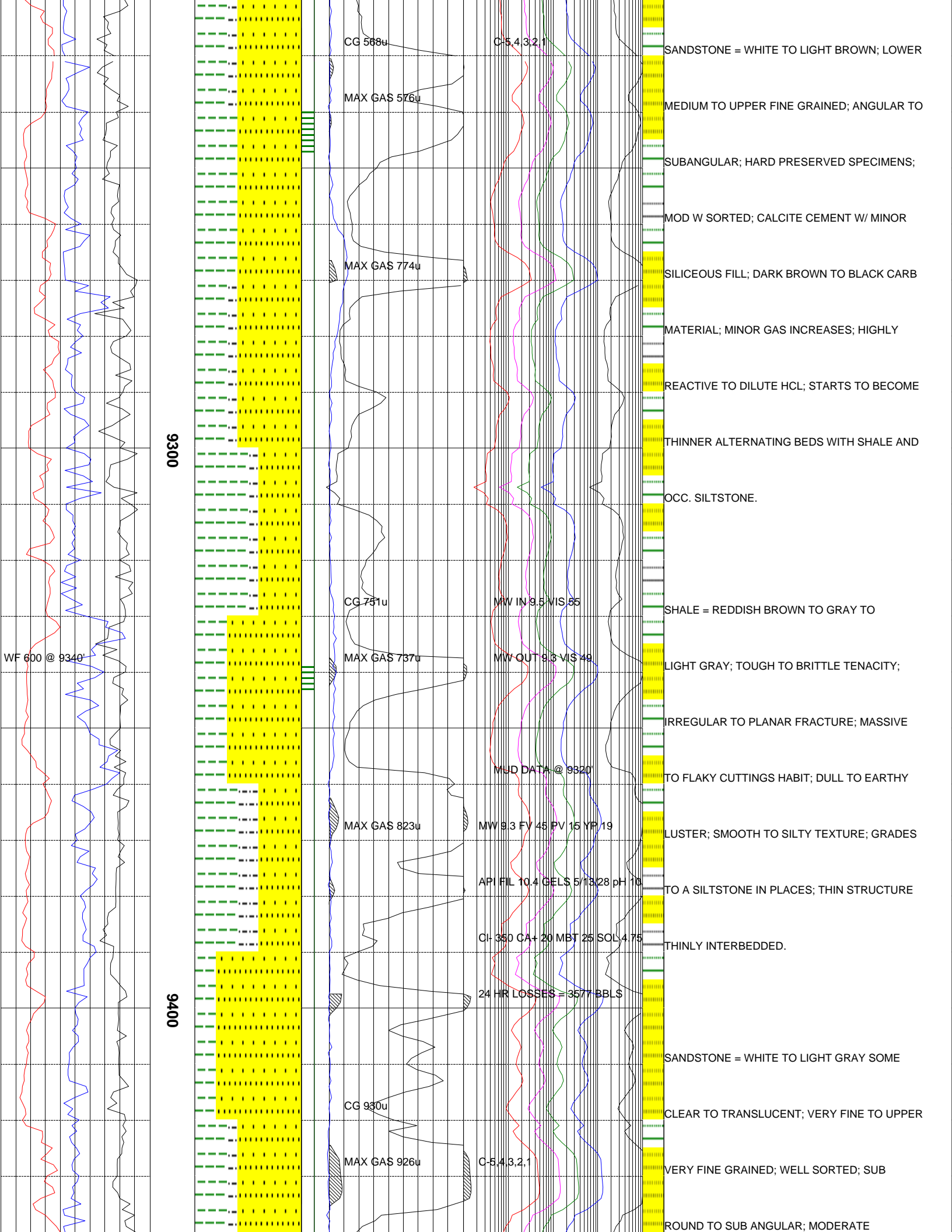
CUTTINGS; SME MASSIVE VERY HARD SILIC

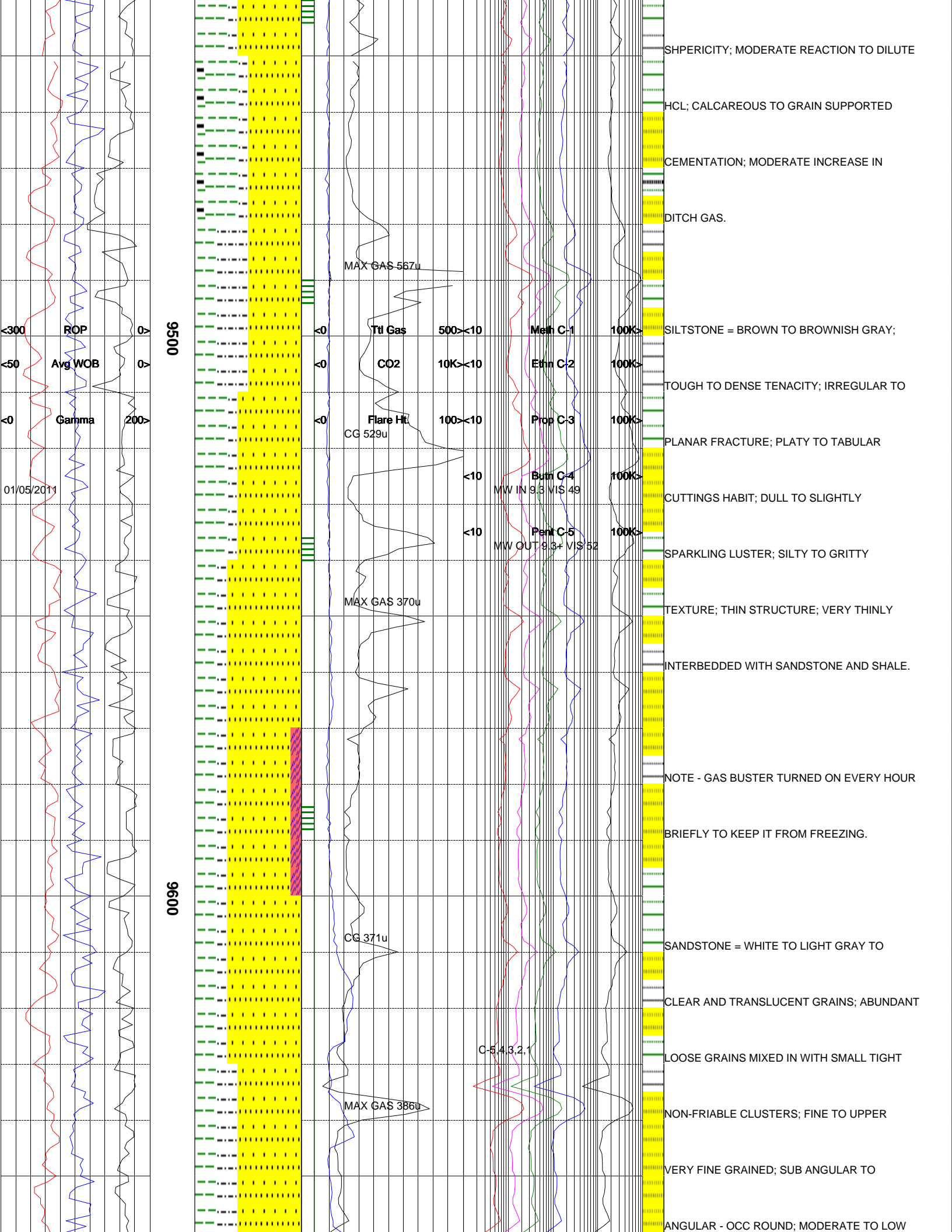
SPECIMENS; NON TO VSL CALCAREOUS; IRREG

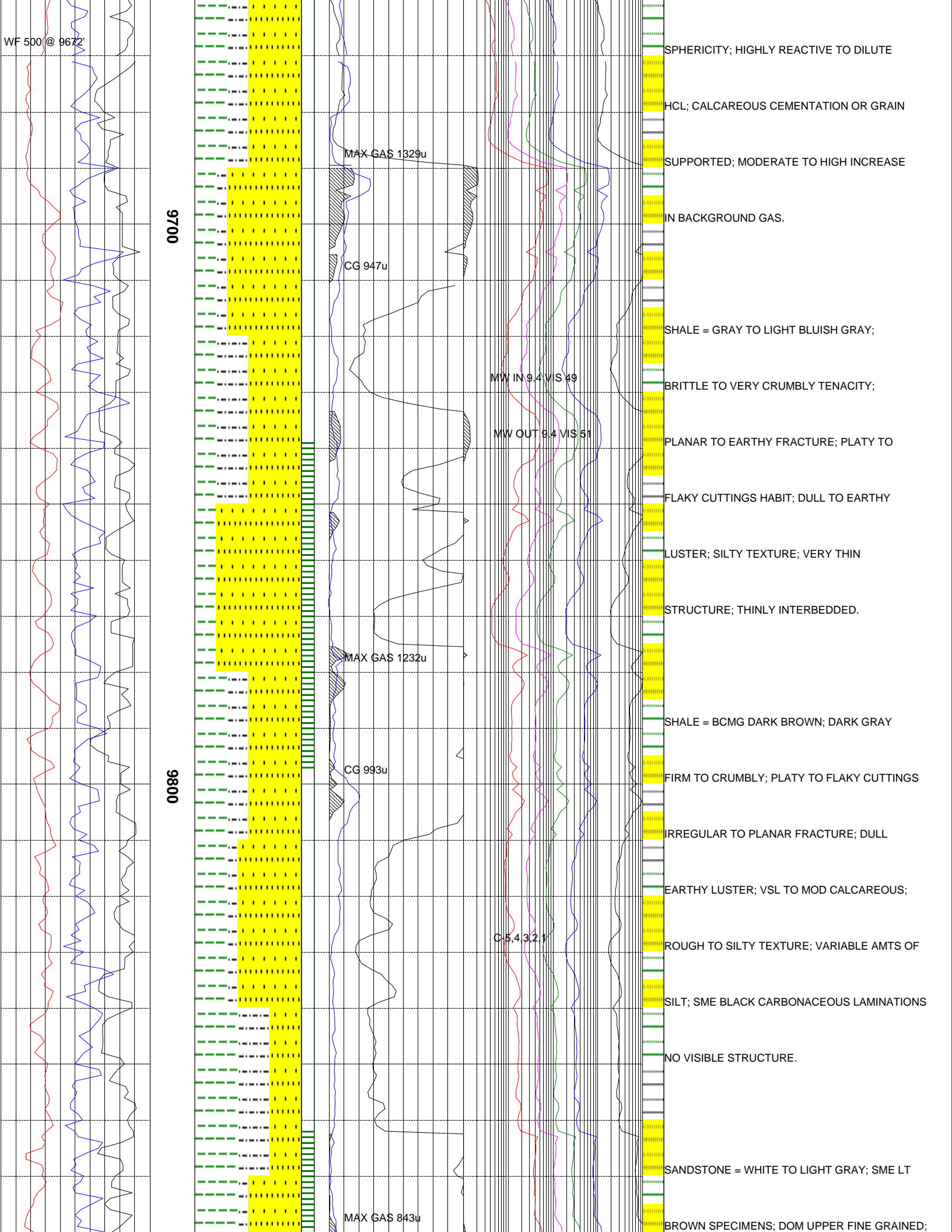
FRACTURE; DULL EARTHY TO WAXY LUSTER;

SMOOTH TO ROUGH TO SILTY TEXTURE; SILTY

EXAMPLES.







WF 500 @ 9672

9700

9086

MAX GAS 1329u

CG 947u

MW IN 9.4 V S 49

MW OUT 9.4 V S 51

MAX GAS 1232u

CG 993u

C-5.4321

MAX GAS 843u

SPHERICITY; HIGHLY REACTIVE TO DILUTE

HCL; CALCAREOUS CEMENTATION OR GRAIN

SUPPORTED; MODERATE TO HIGH INCREASE

IN BACKGROUND GAS.

SHALE = GRAY TO LIGHT BLuish GRAY;

BRITTLE TO VERY CRUMBLY TENACITY;

PLANAR TO EARTHY FRACTURE; PLATY TO

FLAKY CUTTINGS HABIT; DULL TO EARTHY

LUSTER; SILTY TEXTURE; VERY THIN

STRUCTURE; THINLY INTERBEDDED.

SHALE = BCMG DARK BROWN; DARK GRAY

FIRM TO CRUMBLY; PLATY TO FLAKY CUTTINGS

IRREGULAR TO PLANAR FRACTURE; DULL

EARTHY LUSTER; VSL TO MOD CALCAREOUS;

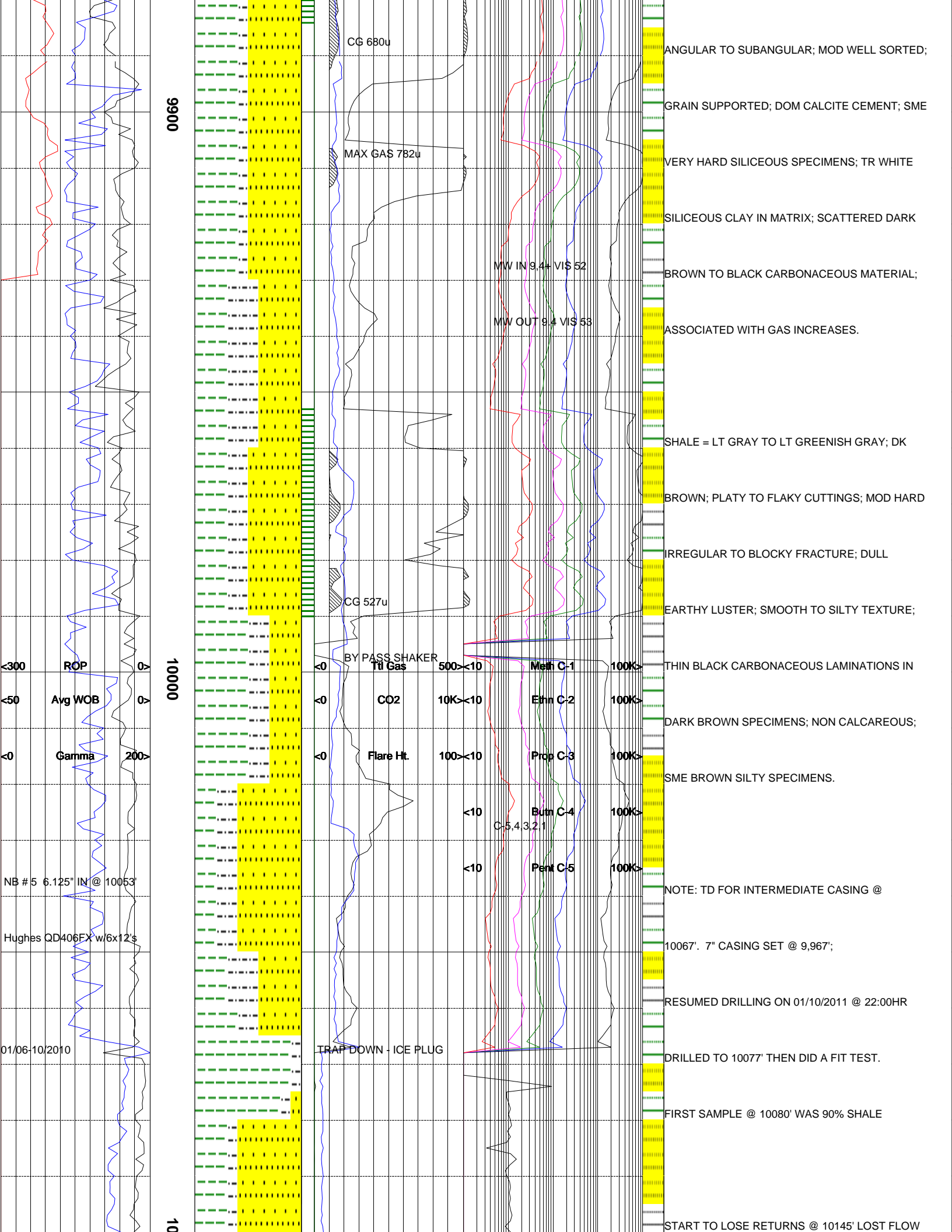
ROUGH TO SILTY TEXTURE; VARIABLE AMTS OF

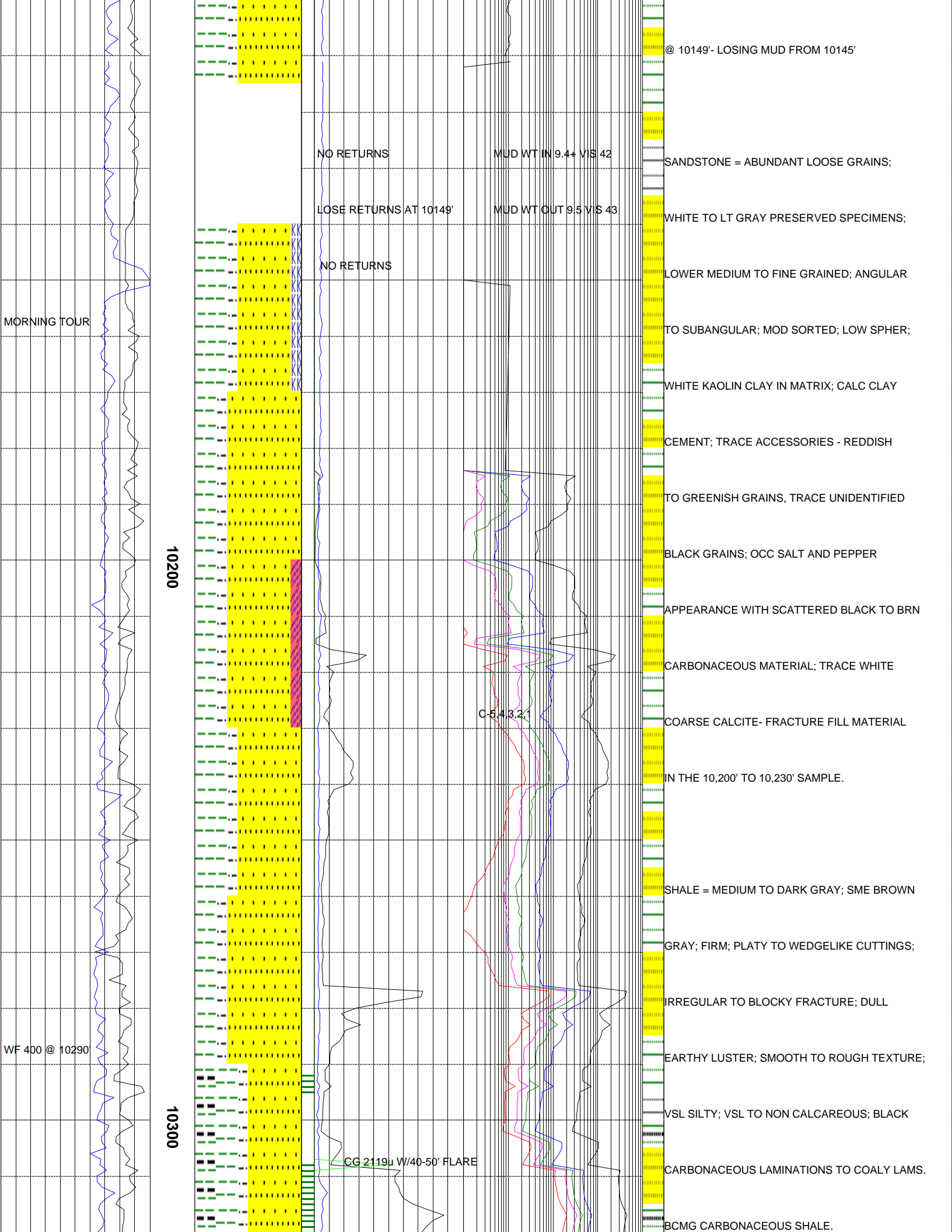
SILT; SME BLACK CARBONACEOUS LAMINATIONS

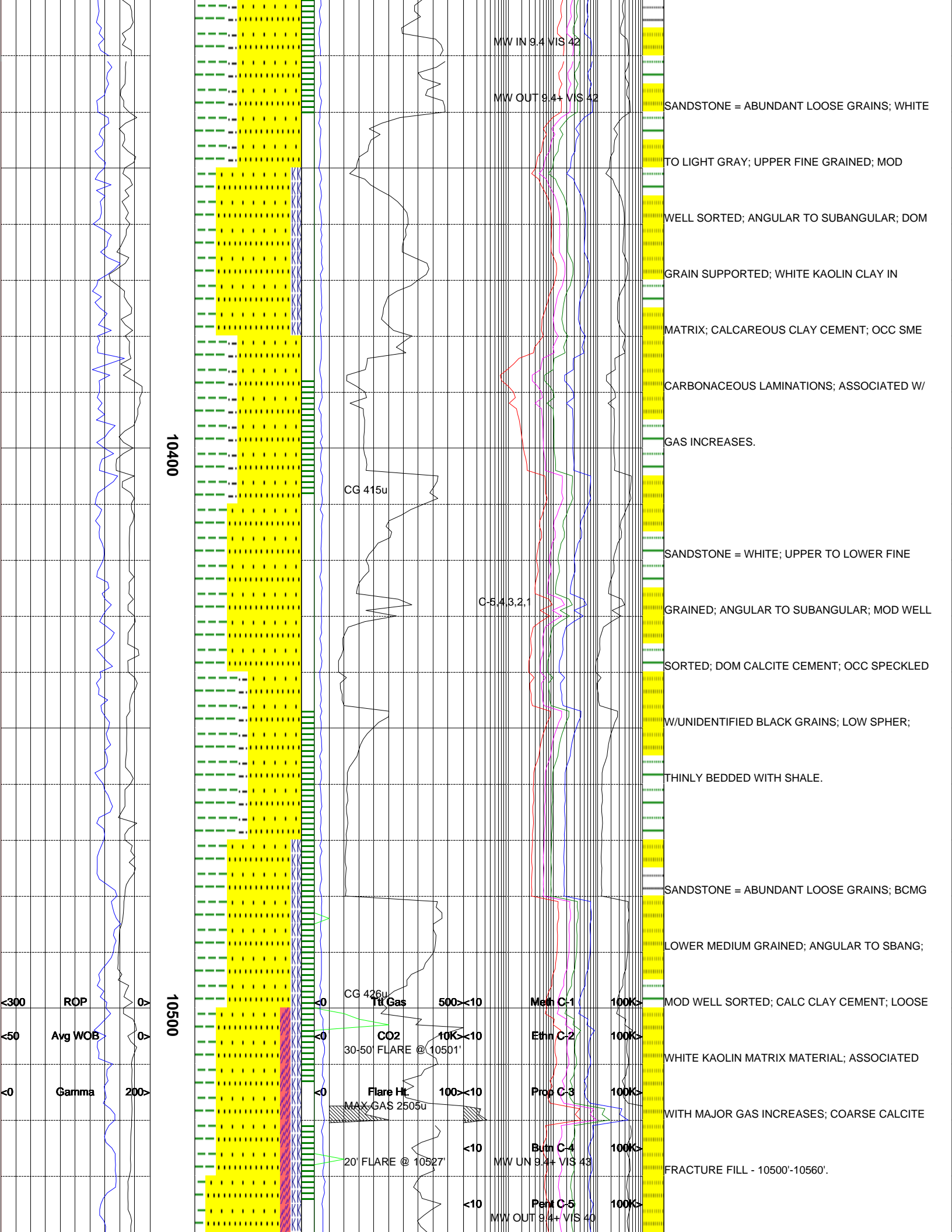
NO VISIBLE STRUCTURE.

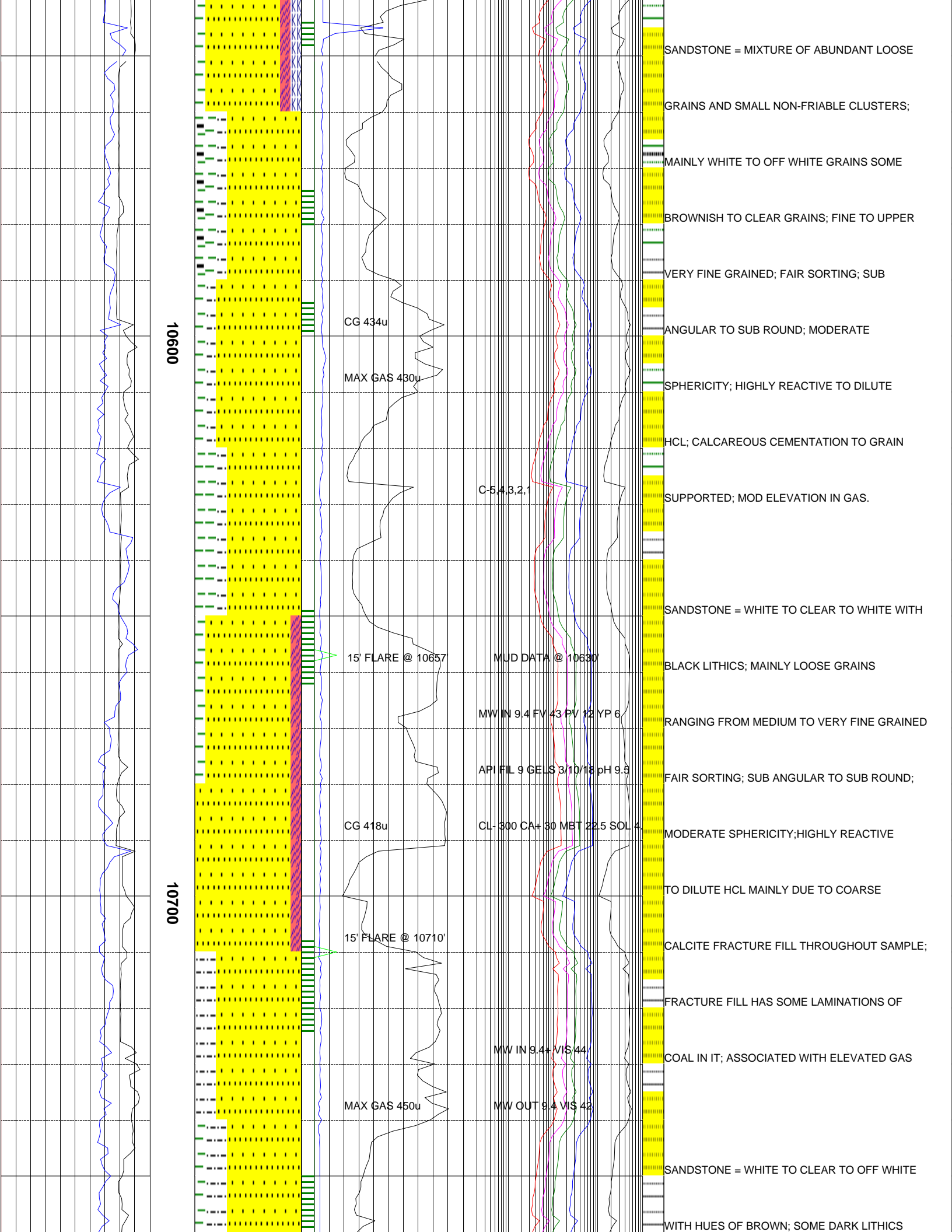
SANDSTONE = WHITE TO LIGHT GRAY; SME LT

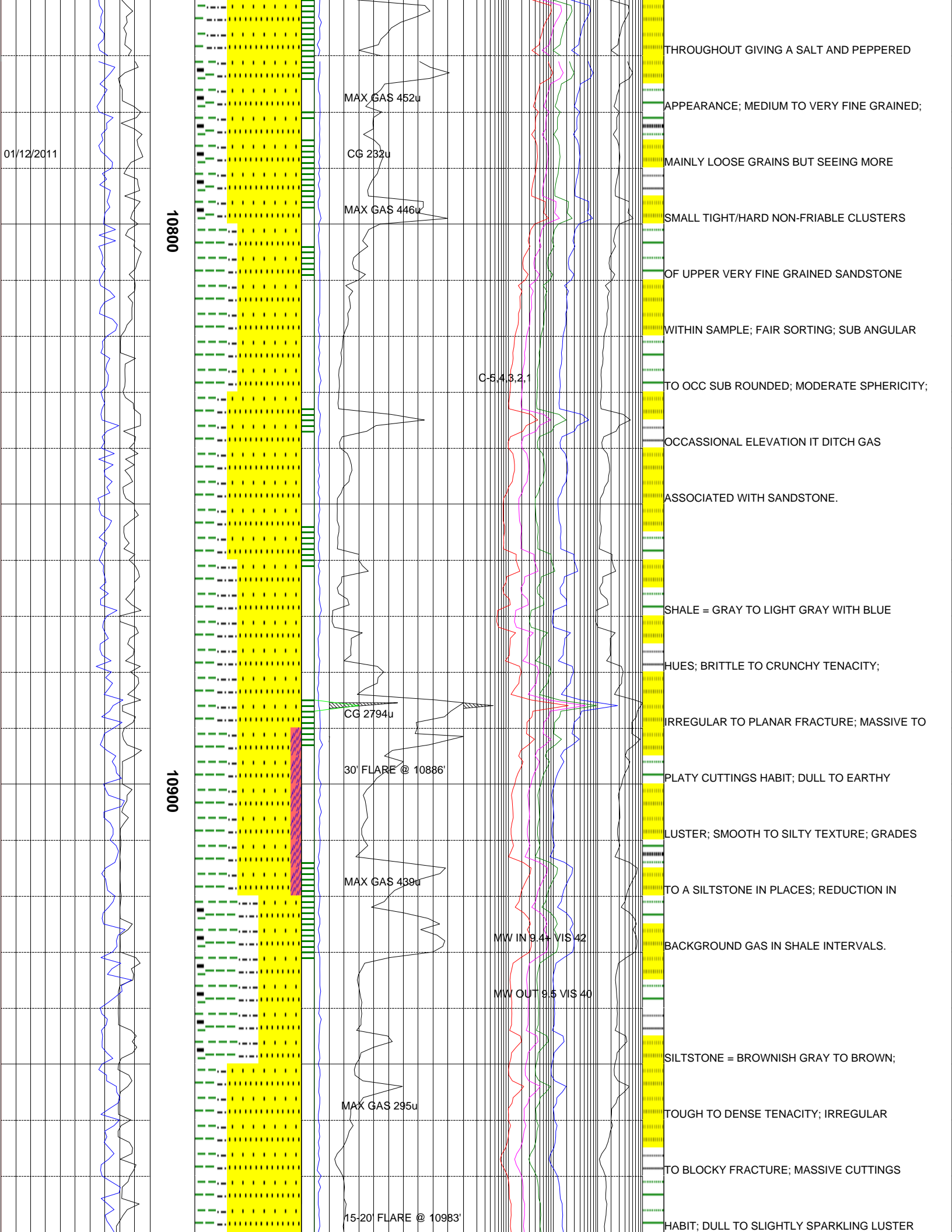
BROWN SPECIMENS; DOM UPPER FINE GRAINED;

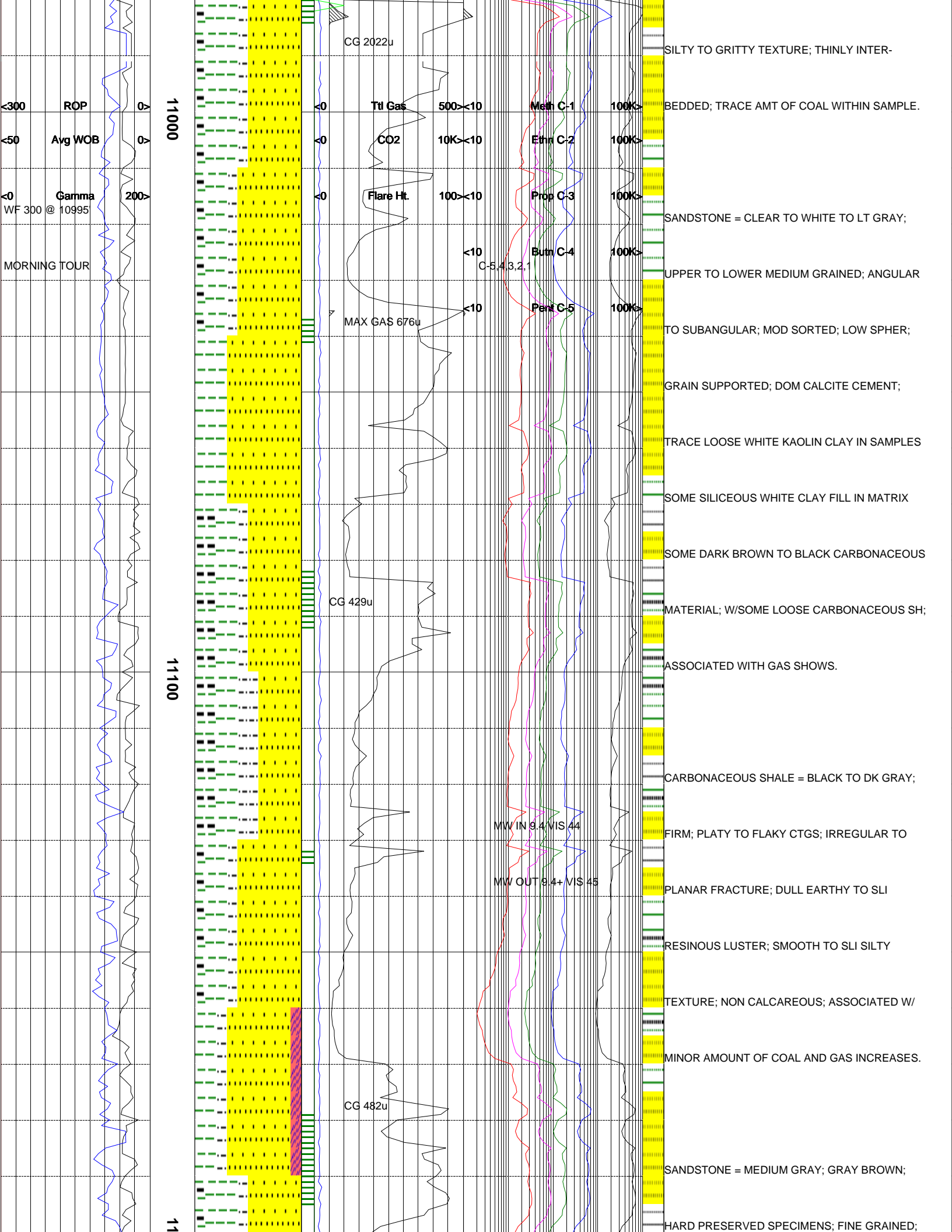


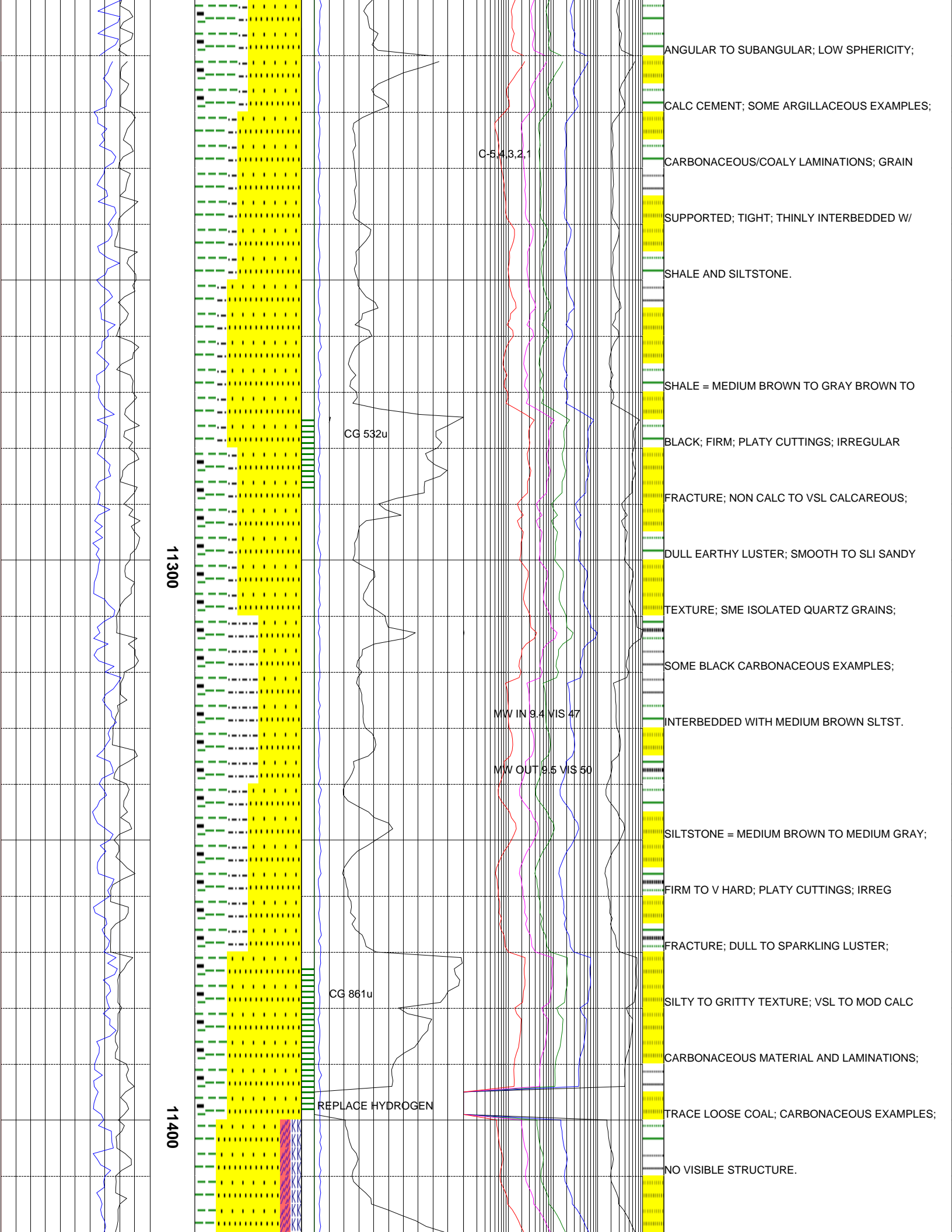












11300

11400

C-543.2.1

CG 532u

MW IN 9.4 VIS 47

MW OUT 9.5 VIS 50

CG 861u

REPLACE HYDROGEN

ANGULAR TO SUBANGULAR; LOW SPHERICITY;
CALC CEMENT; SOME ARGILLACEOUS EXAMPLES;
CARBONACEOUS/COALY LAMINATIONS; GRAIN
SUPPORTED; TIGHT; THINLY INTERBEDDED W/
SHALE AND SILTSTONE.
SHALE = MEDIUM BROWN TO GRAY BROWN TO
BLACK; FIRM; PLATY CUTTINGS; IRREGULAR
FRACTURE; NON CALC TO VSL CALCAREOUS;
DULL EARTHY LUSTER; SMOOTH TO SLI SANDY
TEXTURE; SME ISOLATED QUARTZ GRAINS;
SOME BLACK CARBONACEOUS EXAMPLES;
INTERBEDDED WITH MEDIUM BROWN SLTST.
SILTSTONE = MEDIUM BROWN TO MEDIUM GRAY;
FIRM TO V HARD; PLATY CUTTINGS; IRREG
FRACTURE; DULL TO SPARKLING LUSTER;
SILTY TO GRITTY TEXTURE; VSL TO MOD CALC
CARBONACEOUS MATERIAL AND LAMINATIONS;
TRACE LOOSE COAL; CARBONACEOUS EXAMPLES;
NO VISIBLE STRUCTURE.

