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Gamma Mudlog TVD

COMPANY	ExxonMobil Production
WELL	PCU 296-6B1
FIELD	PICEANCE CREEK UNIT
REGION	ROCKIES MOUNTAINS
COORDINATES	LAT 39.905268000 LON 108.204977000
ELEVATION	GL = 7364.3' KB = 7391.3'
COUNTY, STATE	RIO BLANCO CO.
API INDEX	051031154600
SPUD DATE	12-17-2010
CONTRACTOR	HELMRICH AND PAYNE
CO. REP.	RICKY T OWENS
RIG/TYPE	215 / FLEX 3
LOGGING UNIT	MLU 51
GEOLOGISTS	BRENDA MARSH GEORGE BAKER
ADD. PERSONS	DEVIN CLAAR BILL JOHANNING
CO. GEOLOGIST	WILLIAM HOFFMAN

LOG INTERVAL

DEPTHS: 144' **TO** 14,015'
DATES: 12-19-2010 **TO** 01-16-2011
SCALE: 5" = 100'

CASING DATA

16" **AT** 144'
10.75" **AT** 4,528'
7" **AT** 9,967'
AT

HOLE SIZE

20" **TO** 144'
14.75" **TO** 4,528'
9.875" **TO** 10,067'
6.125" **TO** 14,015'

MUD TYPES

LSND **TO** 14,015'
TO
TO
TO

ABBREVIATIONS

<i>NB</i> NEWBIT	<i>PV</i> PLASTIC VISCOSITY	<i>LC</i> LOST CIRCULATION
<i>RRB</i> RERUN BIT	<i>YP</i> YIELD POINT	<i>CO</i> CIRCULATE OUT
<i>CB</i> CORE BIT	<i>FL</i> FLUID LOSS	<i>NR</i> NO RETURNS
<i>WOB</i> WEIGHT ON BIT	<i>CL</i> PPM CLORIDE ION	<i>TG</i> TRIP GAS
<i>RPM</i> ROTARY REV/MIN	<i>Rm</i> MUD RESISTIVITY	<i>SG</i> SURVEY GAS
<i>PP</i> PUMP PRESSURE	<i>Rmf</i> FILTRATE RESISTIVITY	<i>WG</i> WIPER GAS
<i>SPM</i> STROKES/MIN	<i>PR</i> POOR RETURNS	<i>CG</i> CONNECTION GAS
<i>MW</i> MUD WEIGHT	<i>LAT</i> LOGGED AFTER TRIP	
<i>VIS</i> FUNNEL VISCOSITY	<i>LAS</i> LOGGED AFTER SURVEY	

ALTERED ZONE	CHERT - GLASSY	FELSIC SILIC DIKE	MARL - CALC	SANDSTONE
ANDESITE	CHERT - PORCEL	FOSSIL	METAMORPHICS	SANDSTONE-TUFFACEOUS
ANHYDRITE	CHERT - TIGER STRIPE	GABBRO	MUDSTONE	SERICITIZATION
BASALT	CHERT - UNDIFF	GLASSY TUFF	OBSIDIAN	SERPENTINE
BENTONITE	CLAY	GRANITE	PALEOSOL	SHALE
BIOTITIZATION	CLAY-MUDSTONE	GRANITE WASH	PHOSPHATE	SHALE TUFFACEOUS
BRECCIA	CLYST-TUFFACEOUS	GRANODIORITE	PORCELANITE	SHELL FRAGMENTS
CALCARENITE	CHLORITIZATION	GYPSUM	PORCELANEOUS CLYST	SIDERITE
CALCAREOUS TUFF	COAL	HALITE	PYRITE	SILICIFICATION
CALCILUTITE	CONGLOMERATE	HORNBL-QTZ-DIO	PYROCLASTICS	SILTSTONE
CARBONATES	CONGL. SAND	IGNEOUS (ACIDIC)	QUARTZ DIORITE	SILTST-TUFFACEOUS
CARBONACEOUS MAT	CONGL. SANDSTONE	IGNEOUS (BASIC)	QUARTZ LATITE	TUFF
CARBONACEOUS SH	COQUINA	INTRUSIVES	QUARTZ MONZONITE	VOLCANICLASTICS SEDS
CEMENT CONTAM.	DACITE	KAOLINITIC	RECRYSTALLIZED CALCITE	VOLCANICS
CHALK	DIATOMITE	LIMESTONE	RHYOLITE	
CRYSTALLINE TUFF	DIORITE	LITHIC TUFF	SALT	
CHERT - ARGILL	DOLOSTONE	MARL - DOLO	SAND	

<300 ROP 0>
ft/hr
<50 Avg WOB 0>
klbs
<0 Gamma 200>
API Units

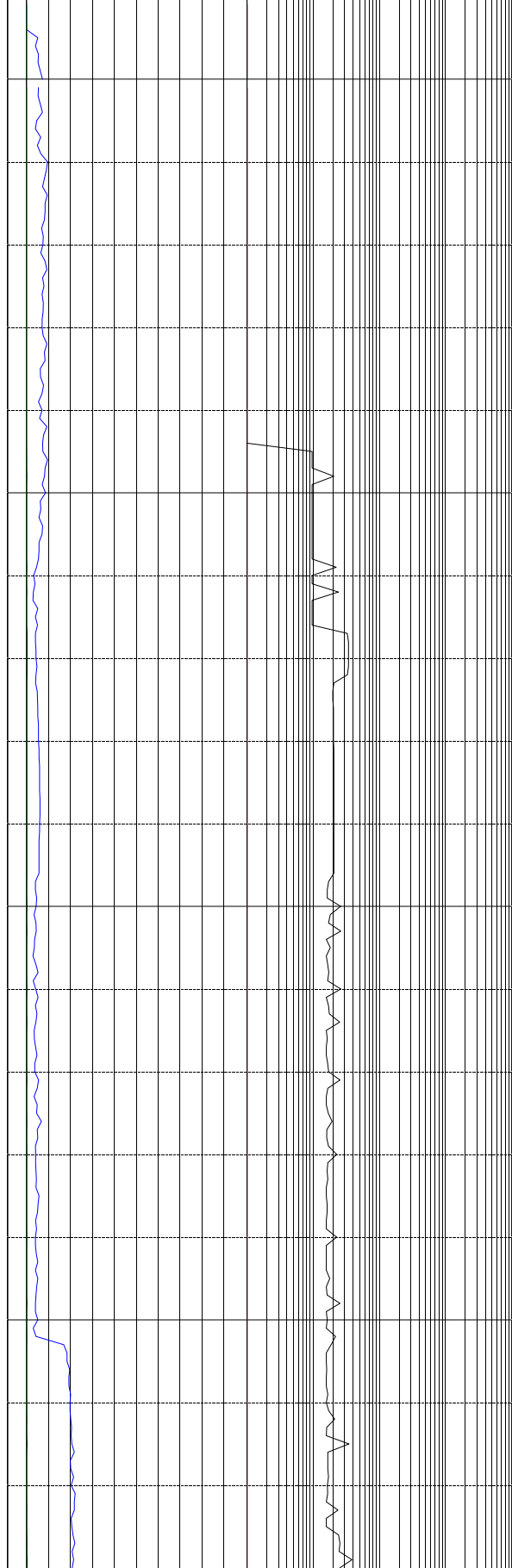
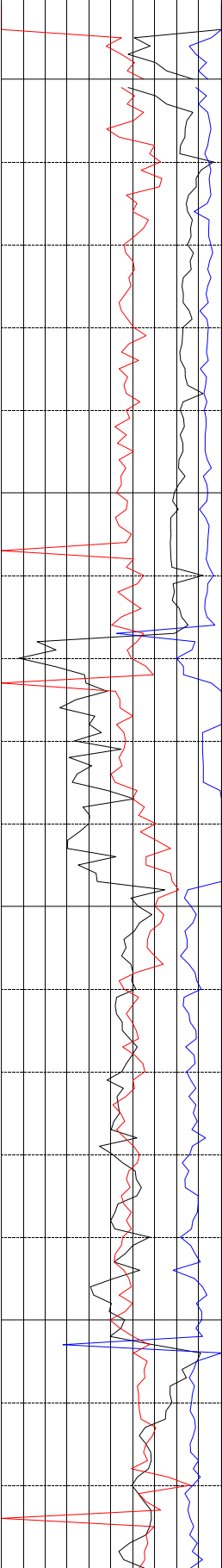
TVD
Depth

Lithology

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

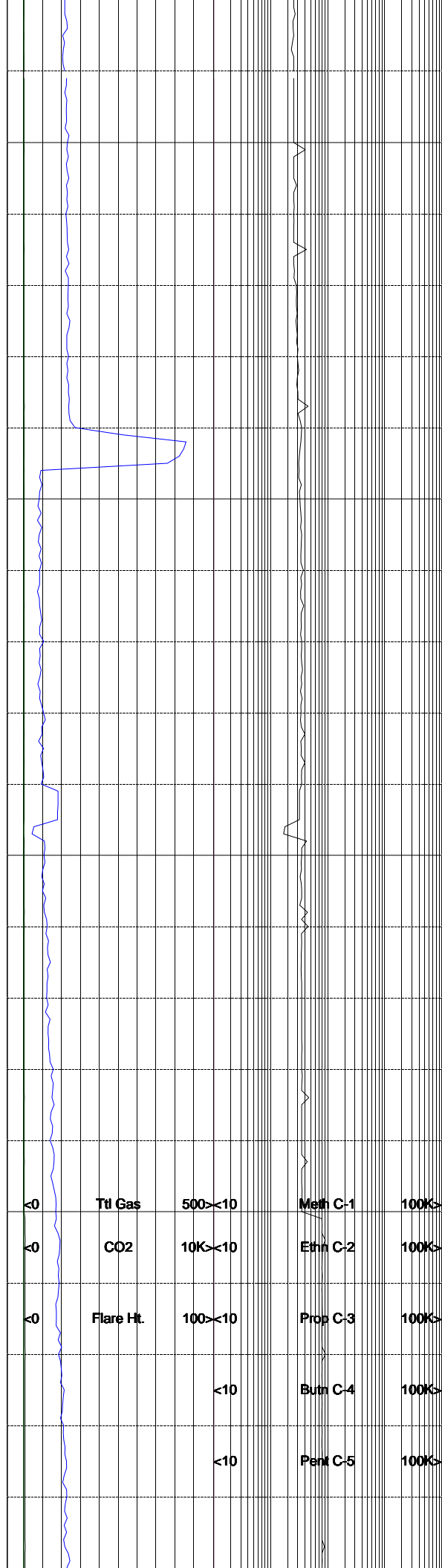
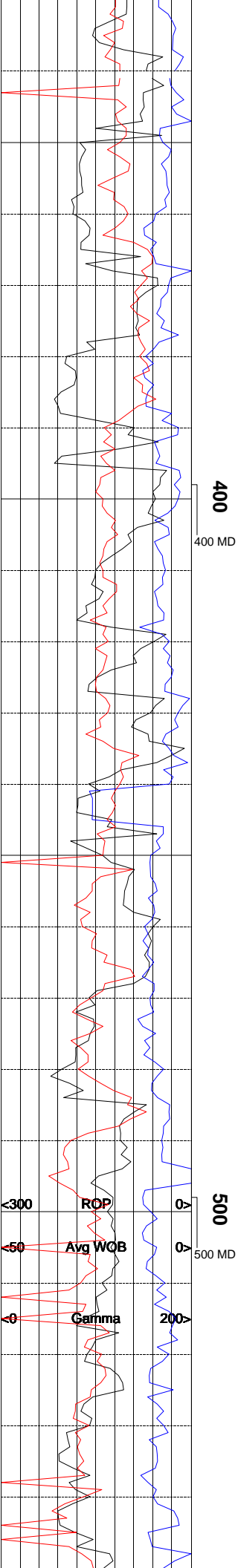
Interp. Lith

Remarks
Survey Data, Mud Reports, Other Info.

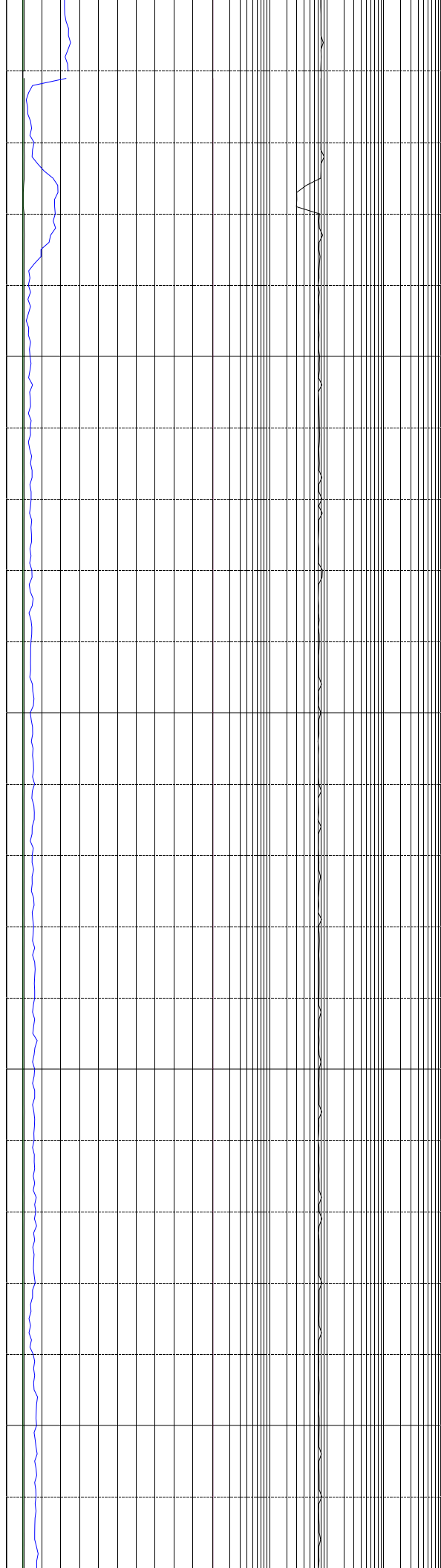
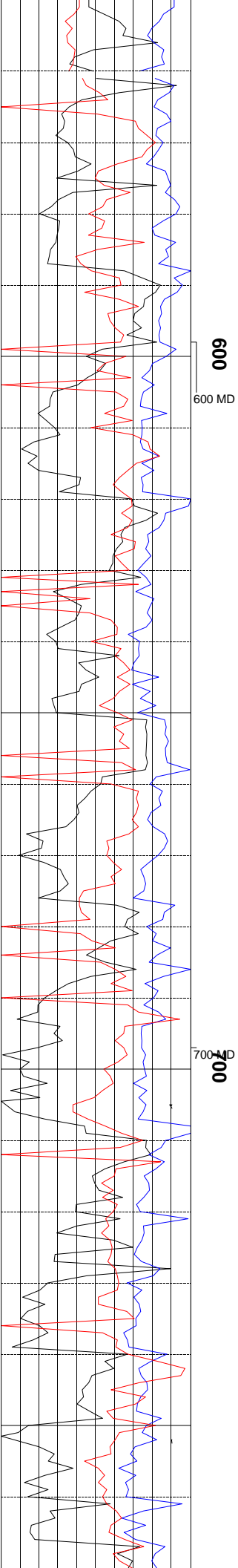


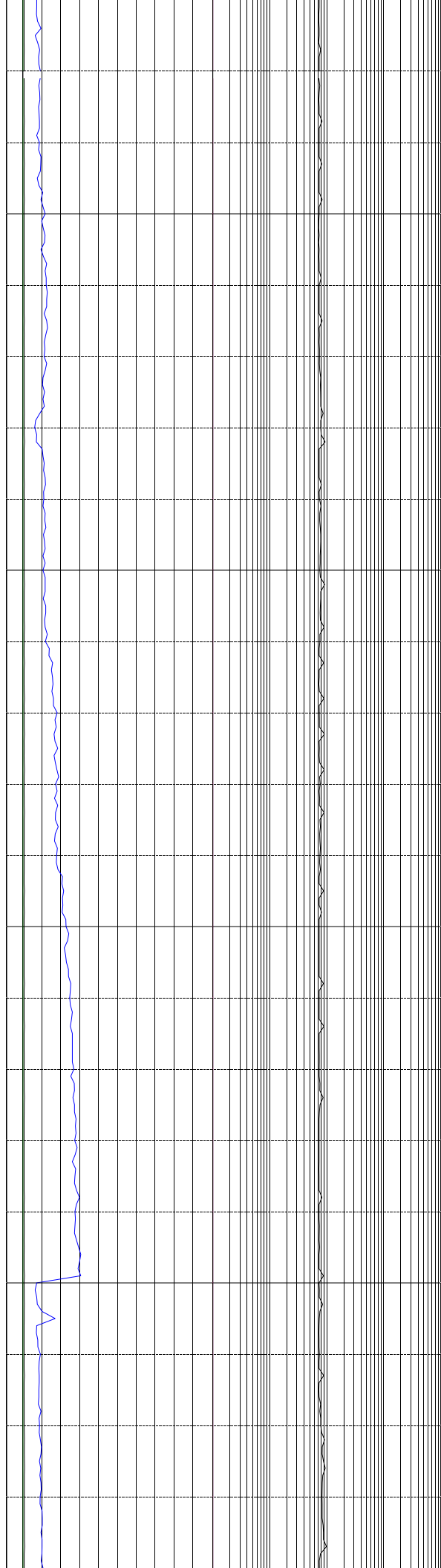
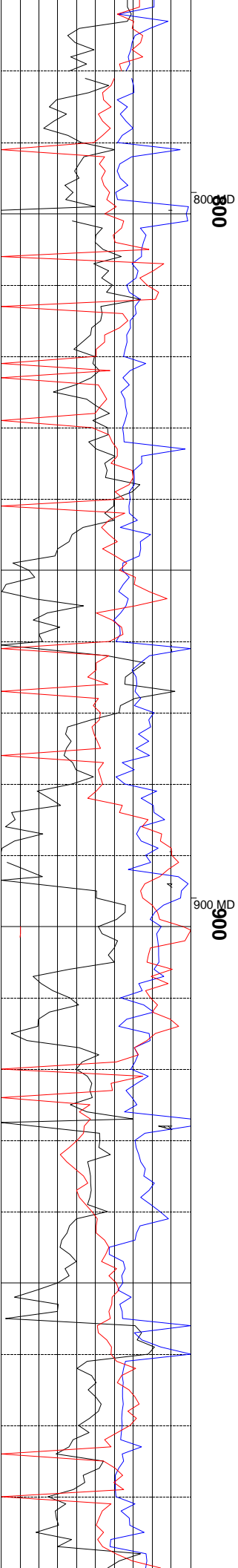
RECORDING FOR THE PCU 296-6B5 SURFACE

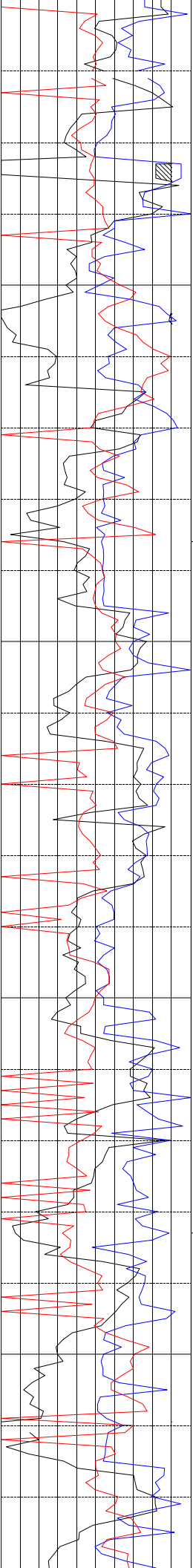
SECTION ON 12/19/2010 AT 03:52 HRS.



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





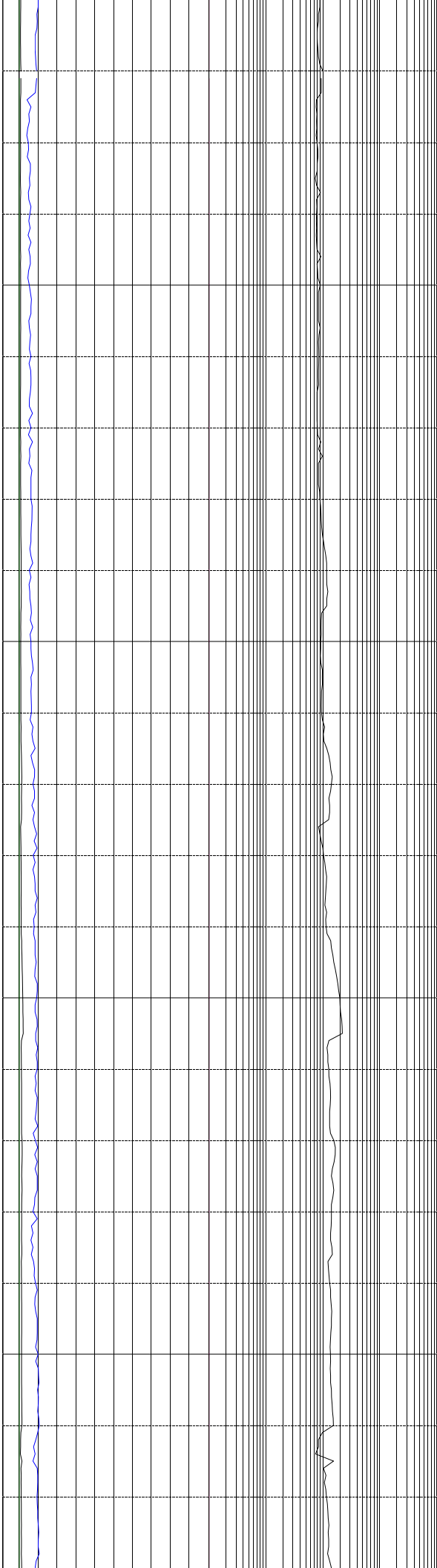


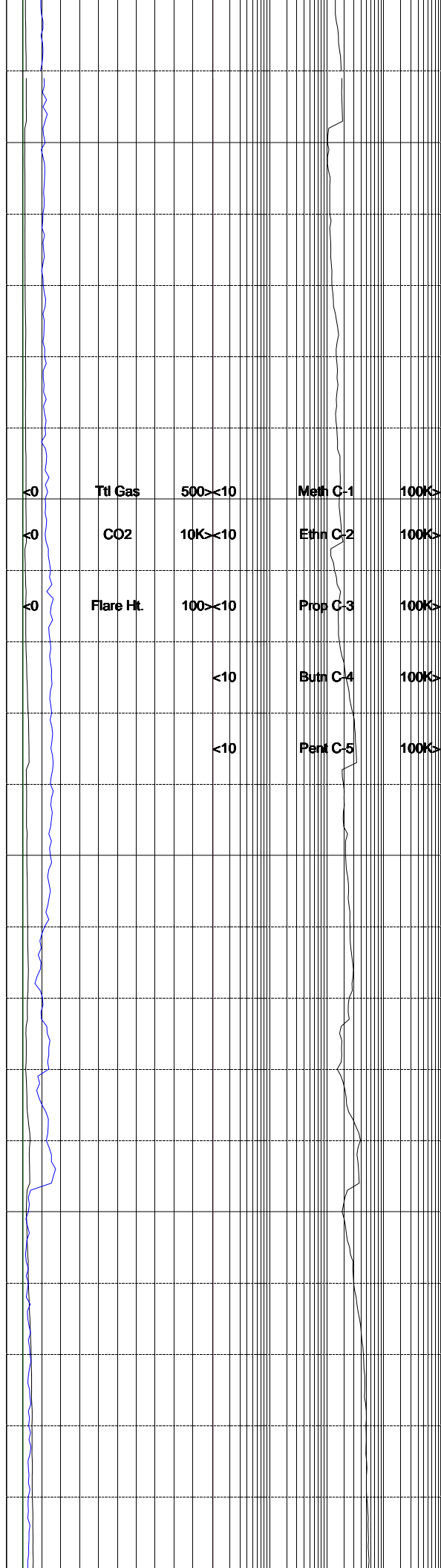
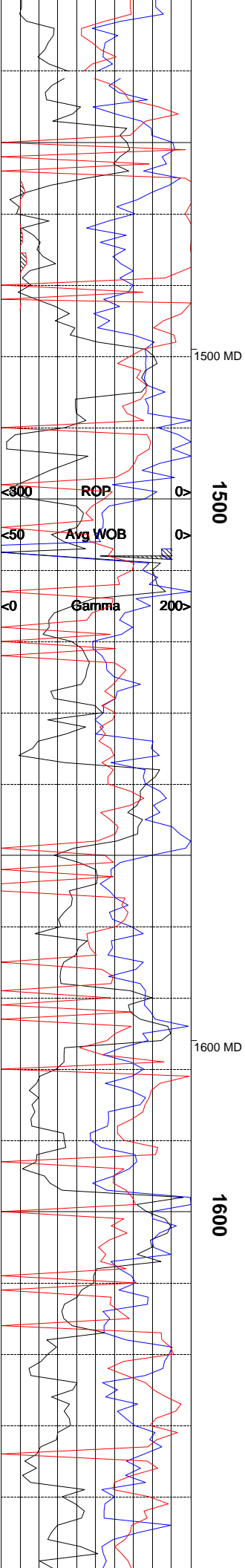
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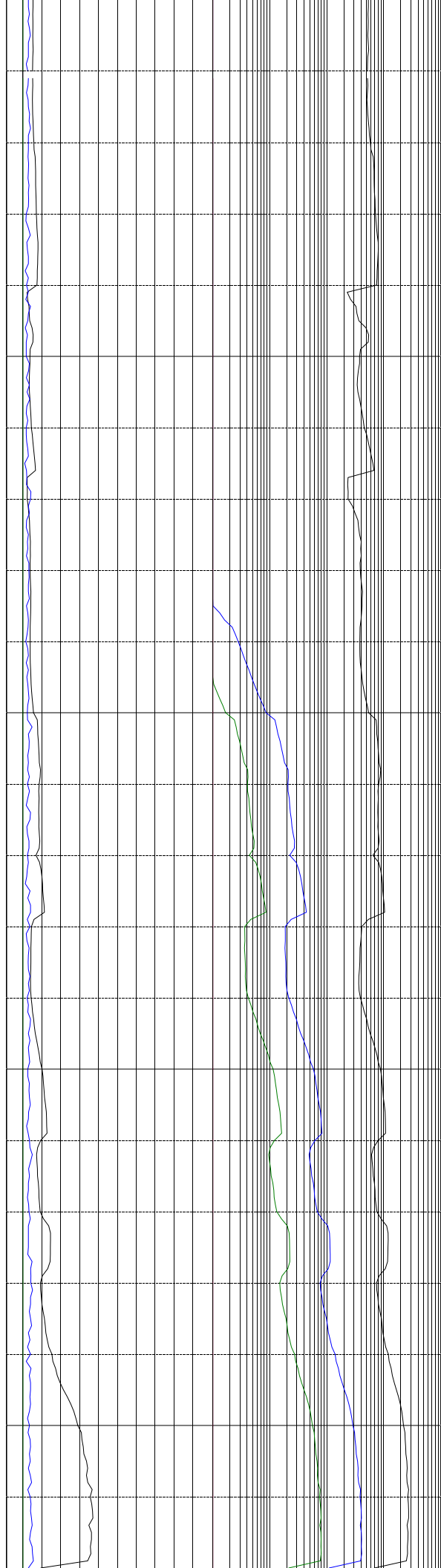
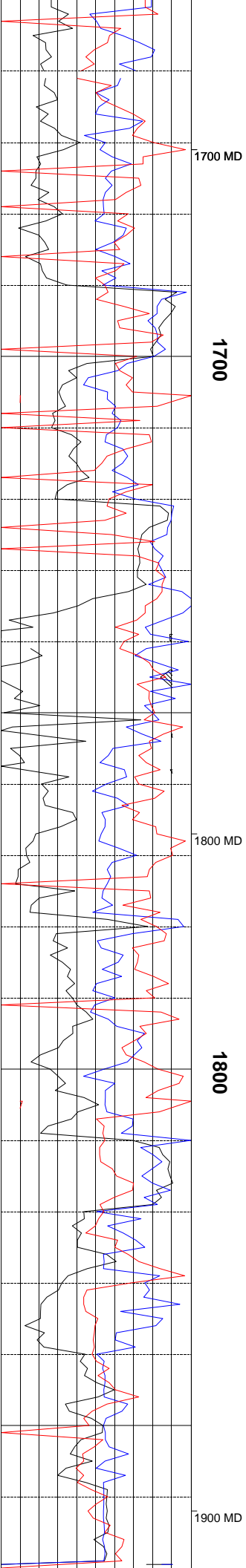
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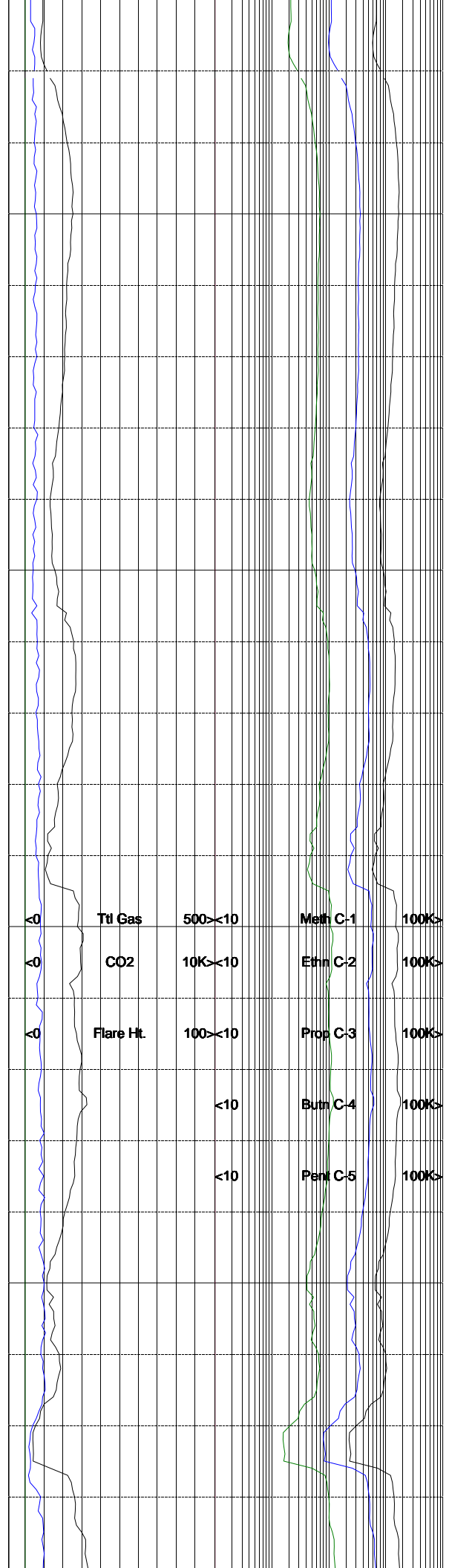
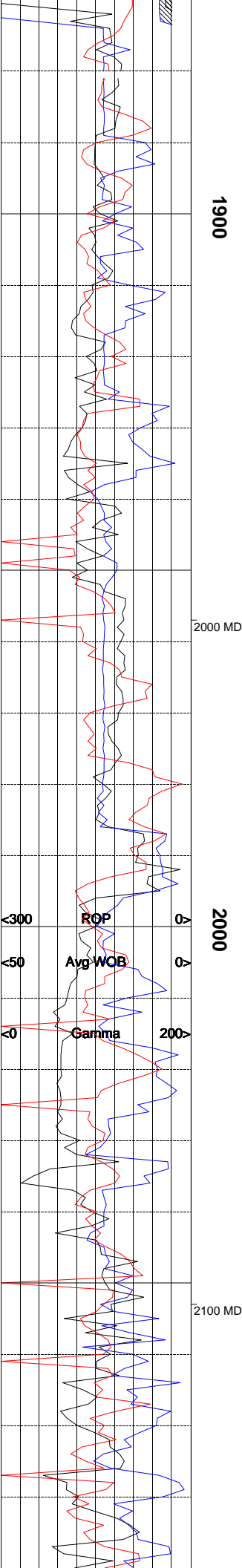
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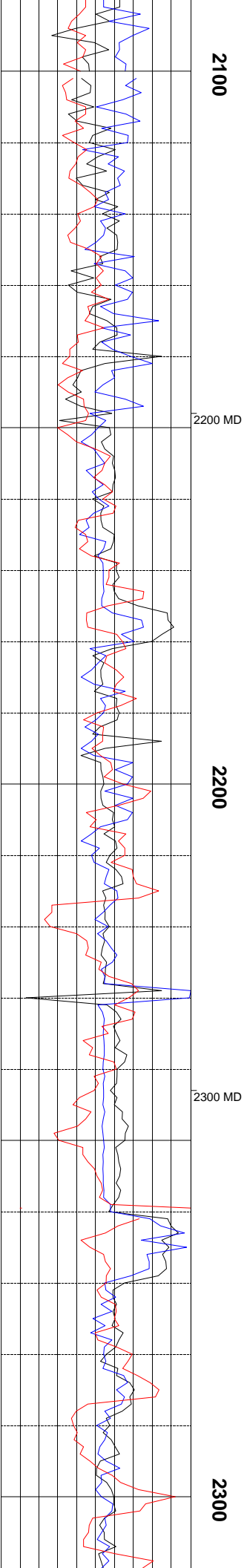
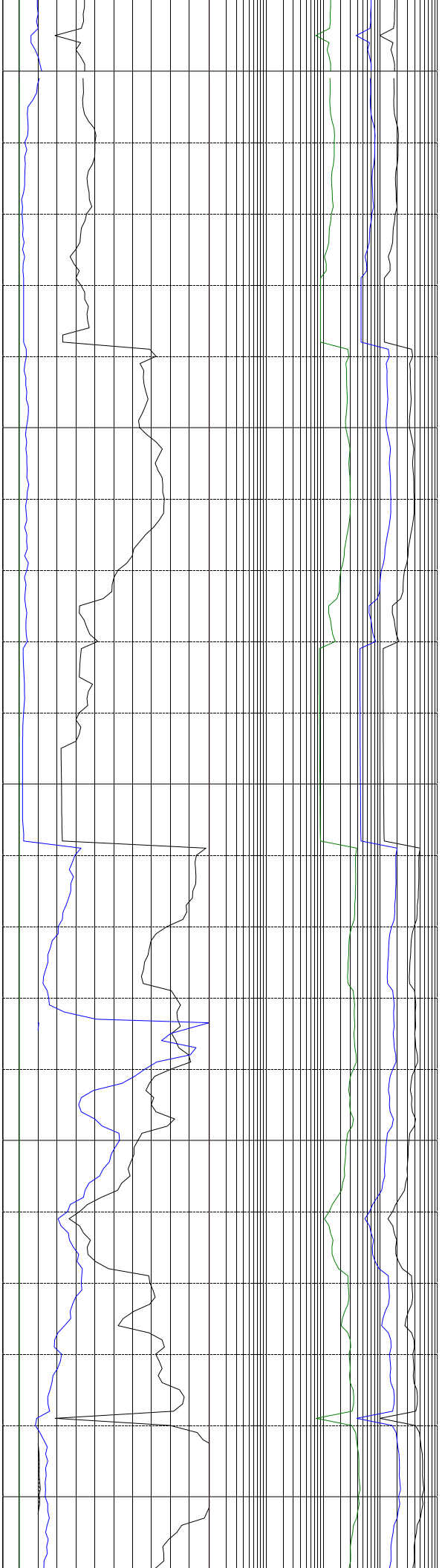
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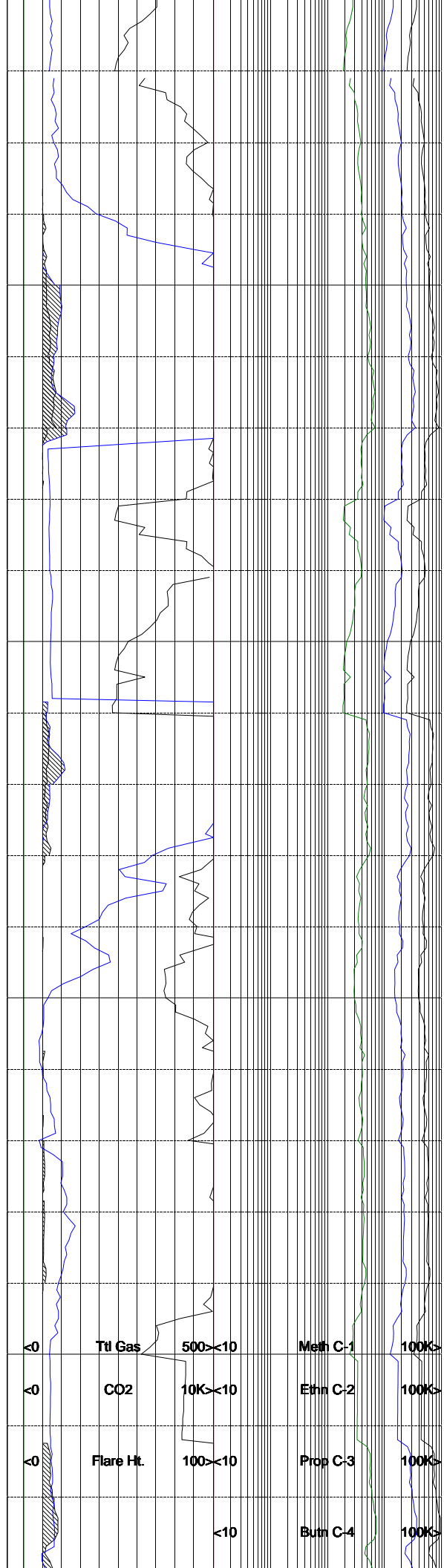
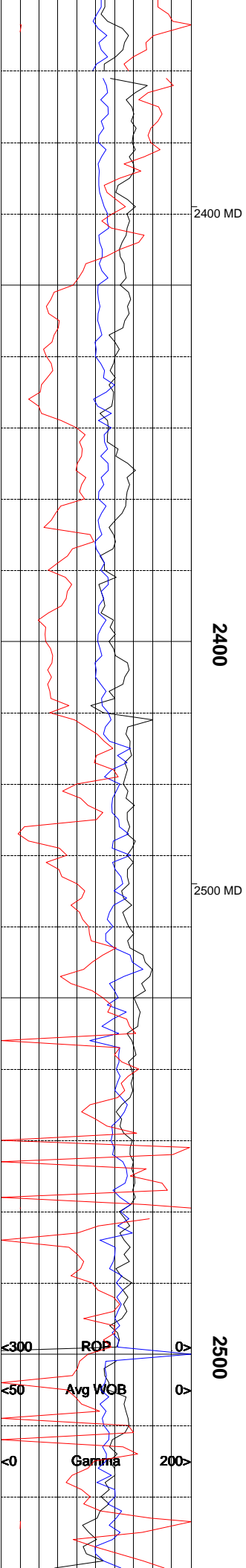


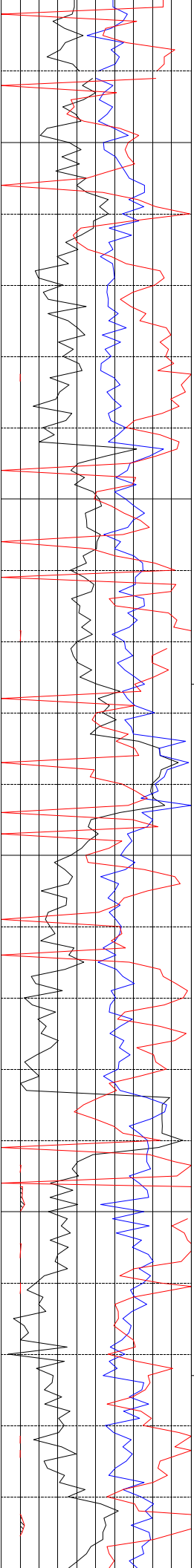


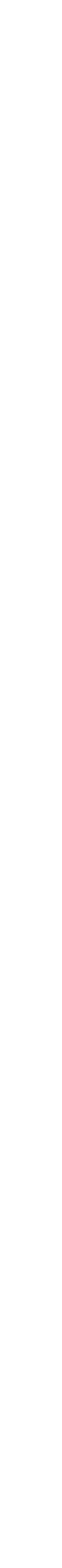
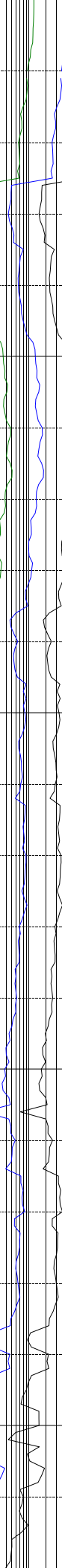
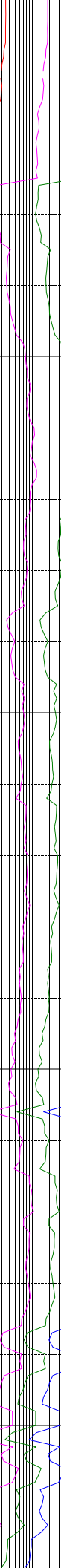
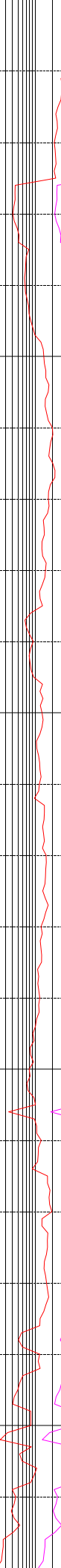
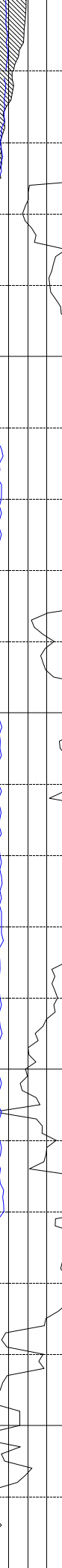
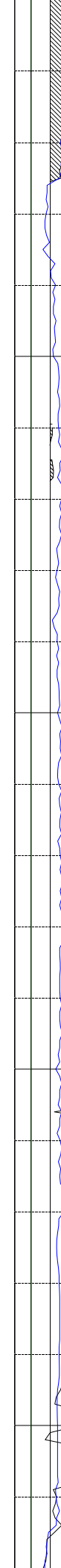
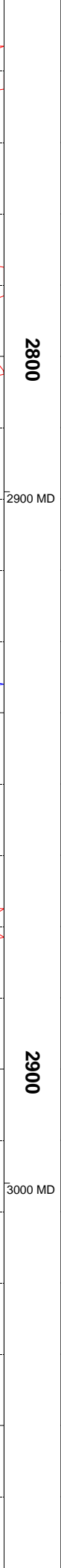
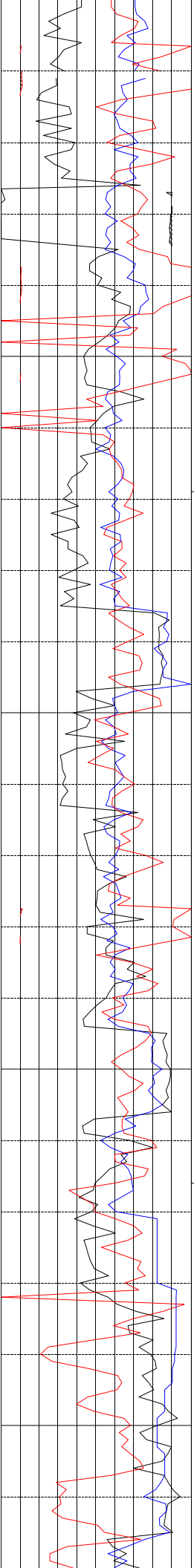


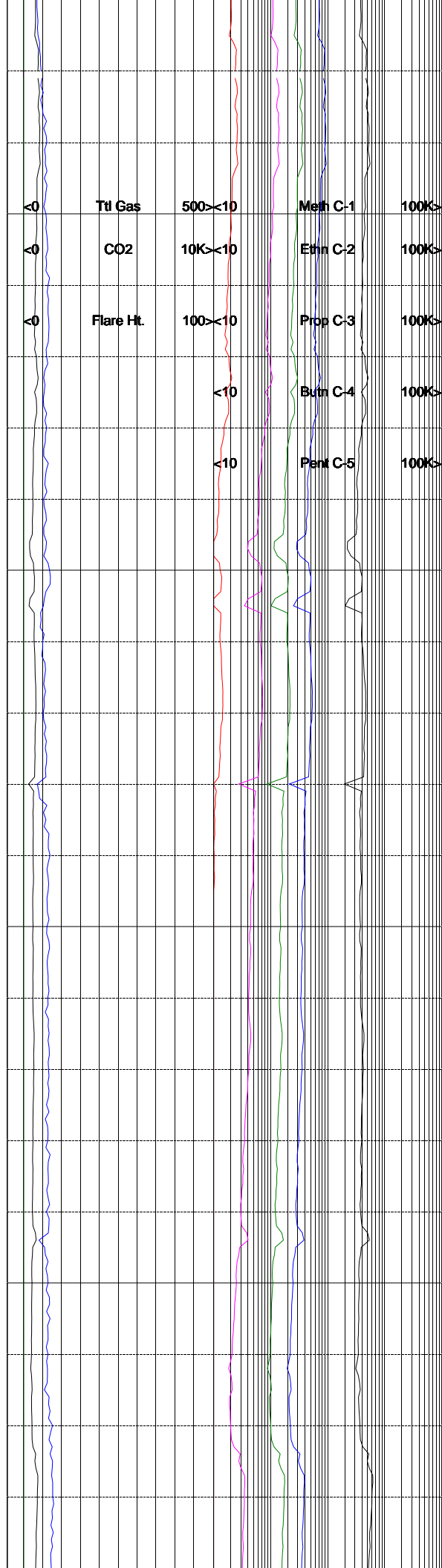
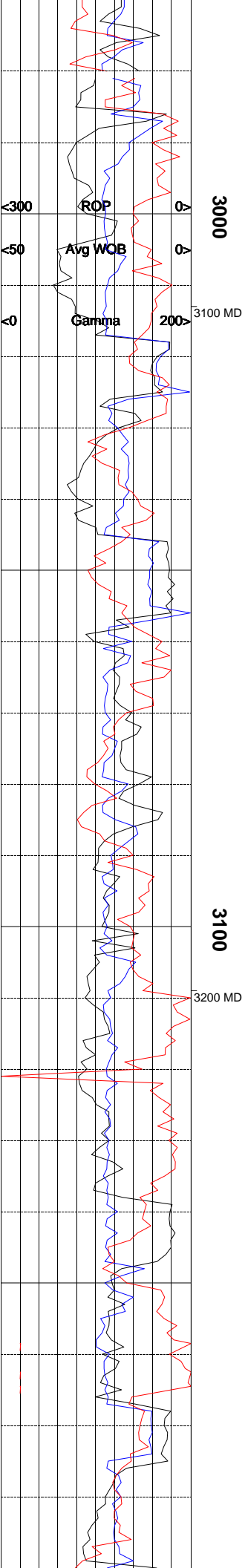


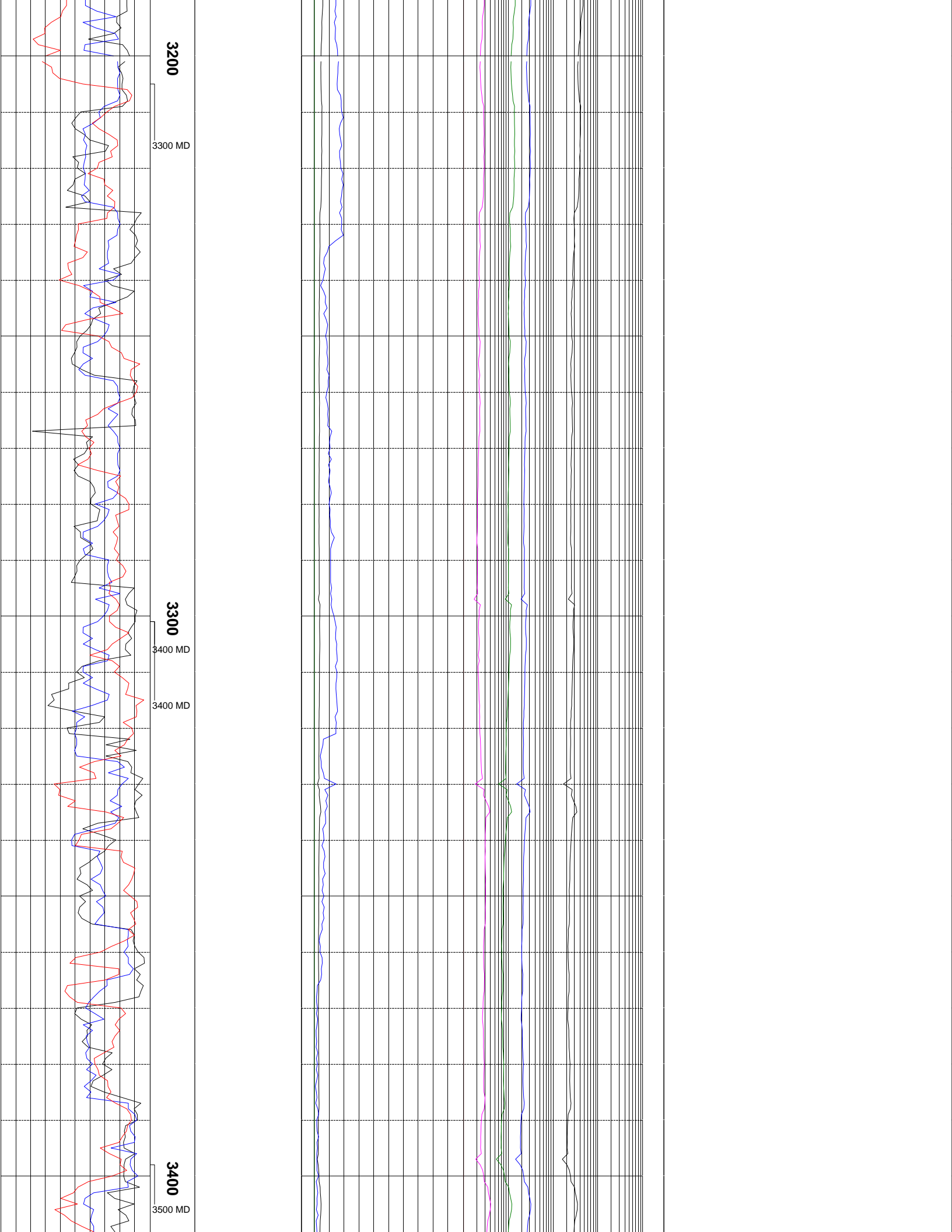


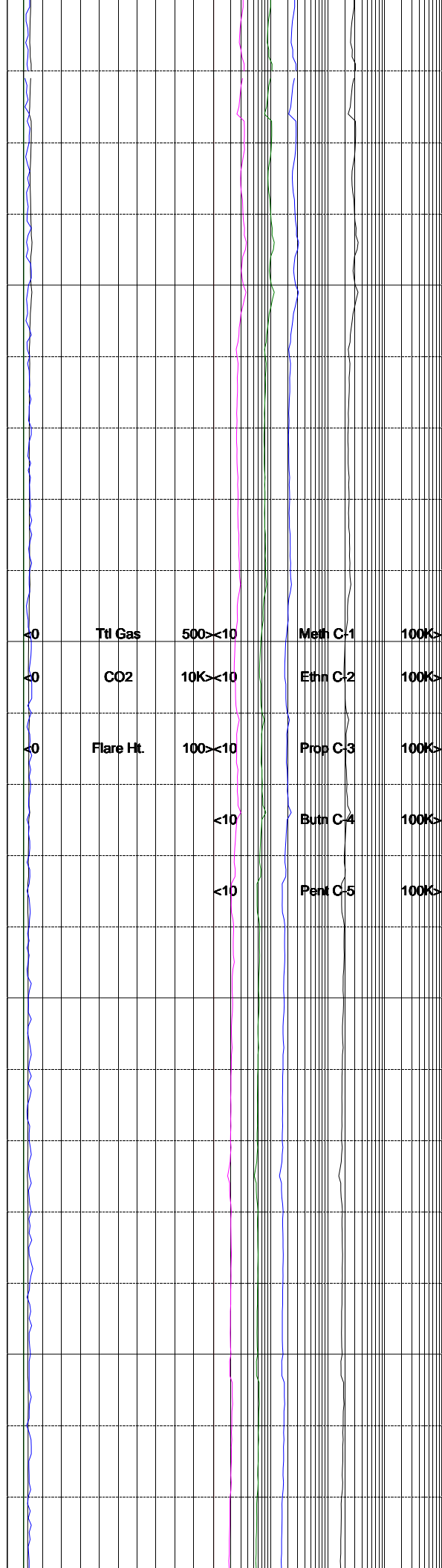
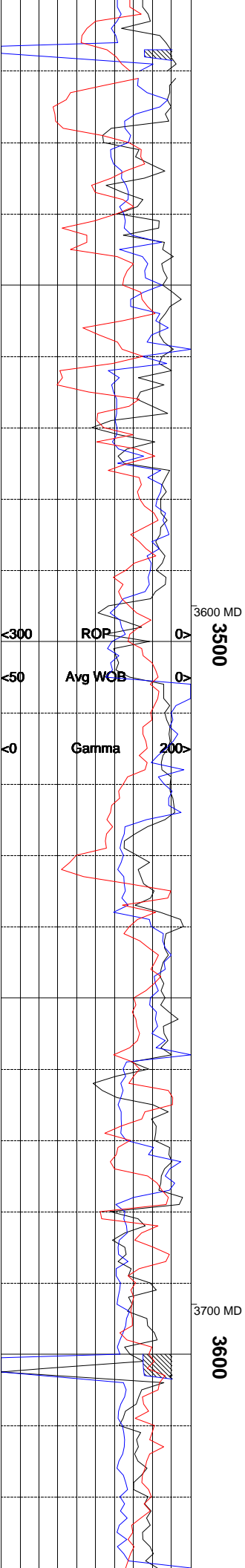


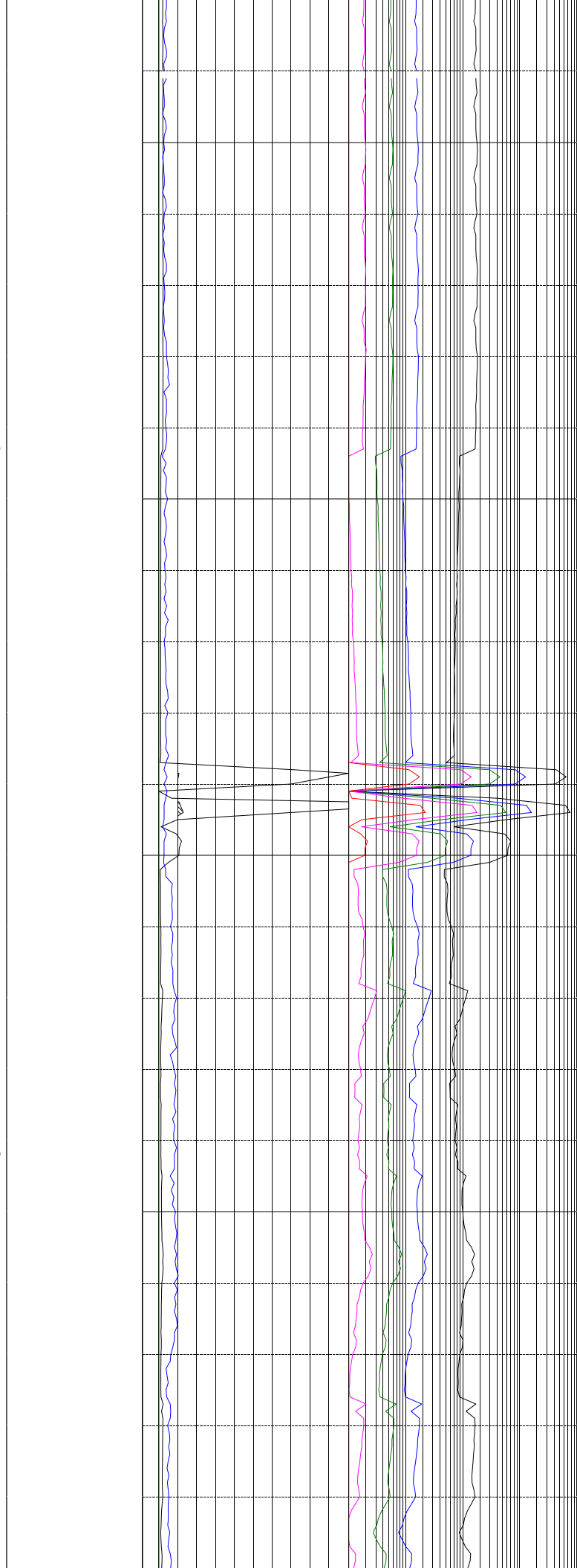
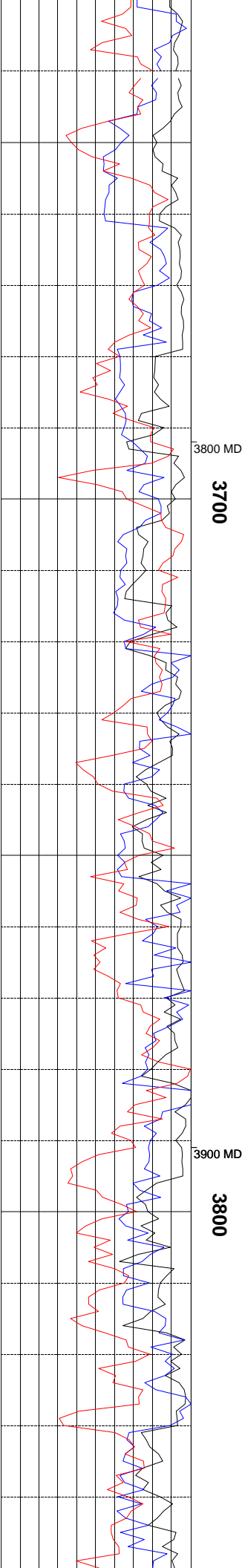






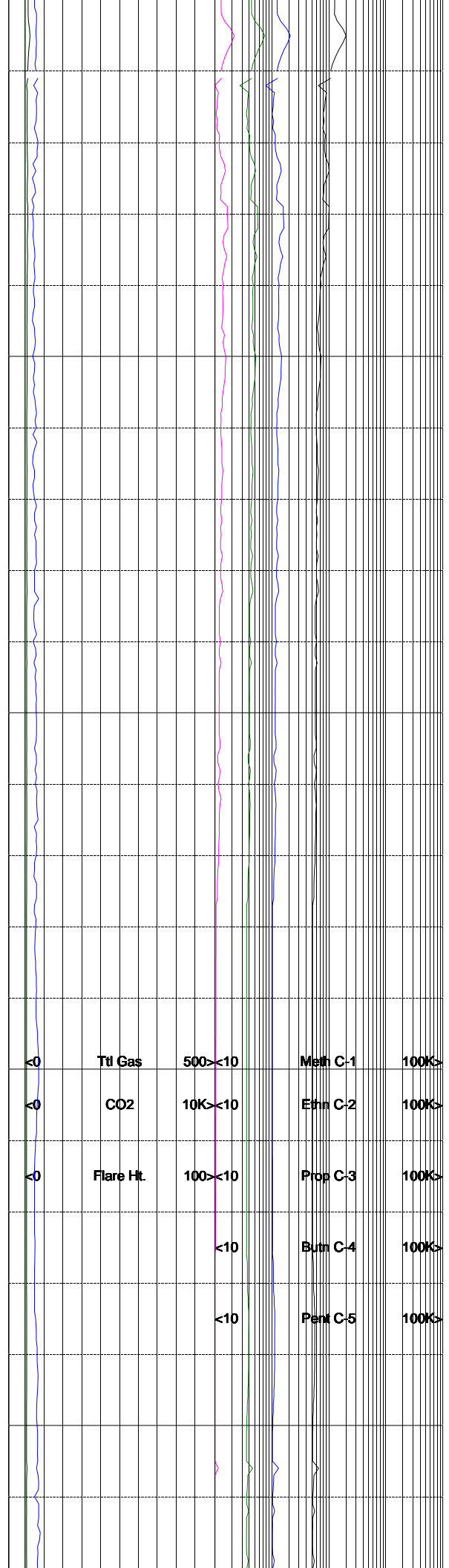
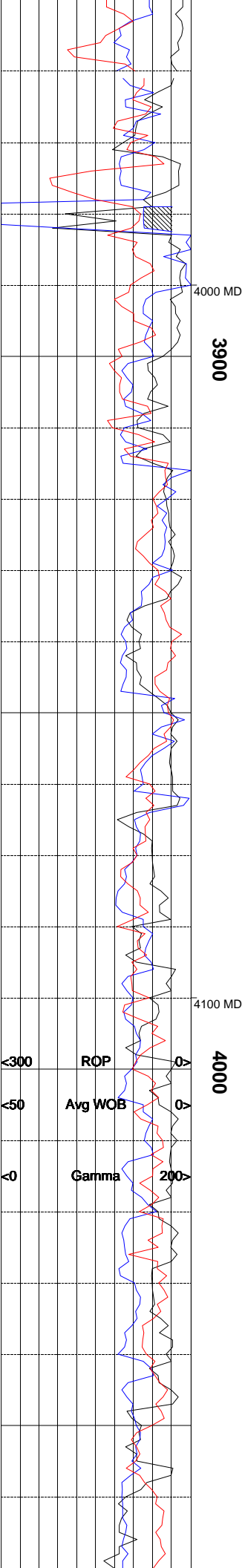


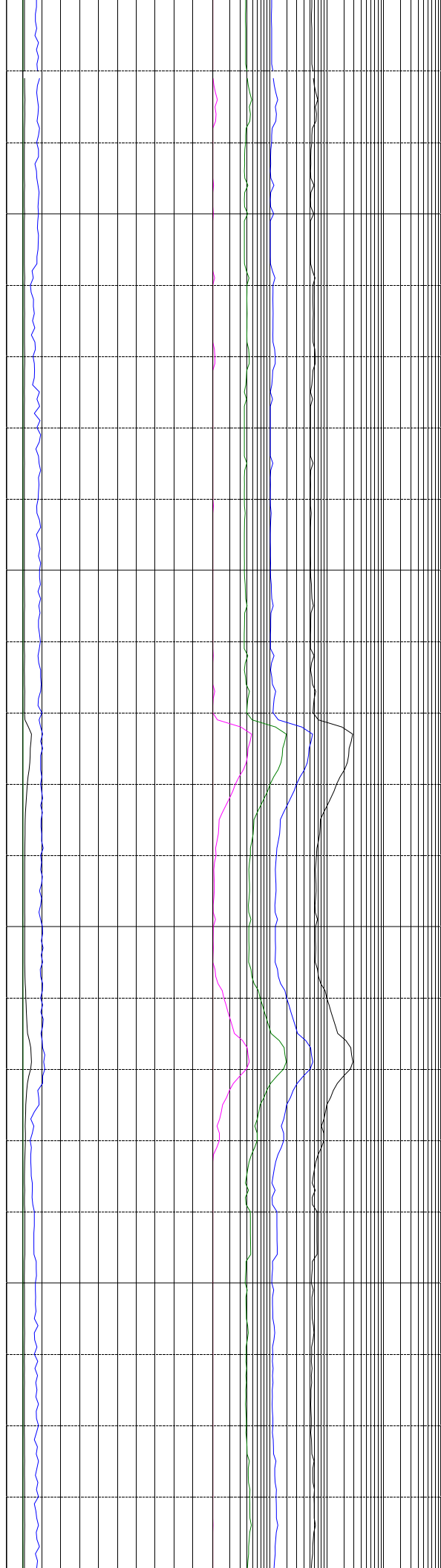
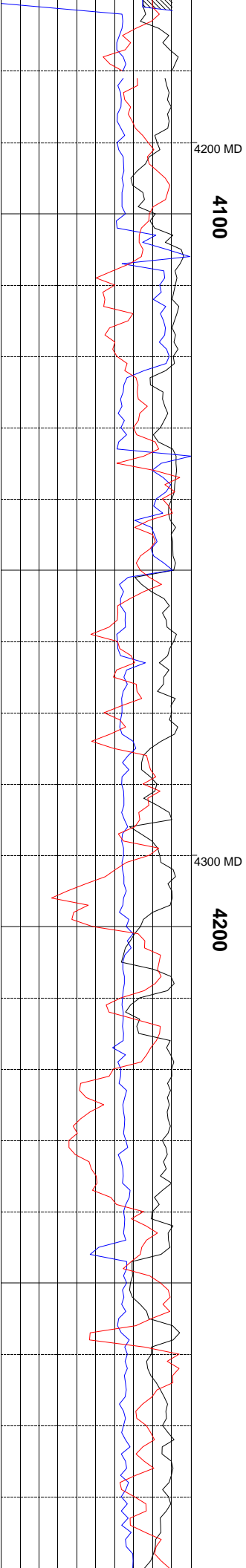


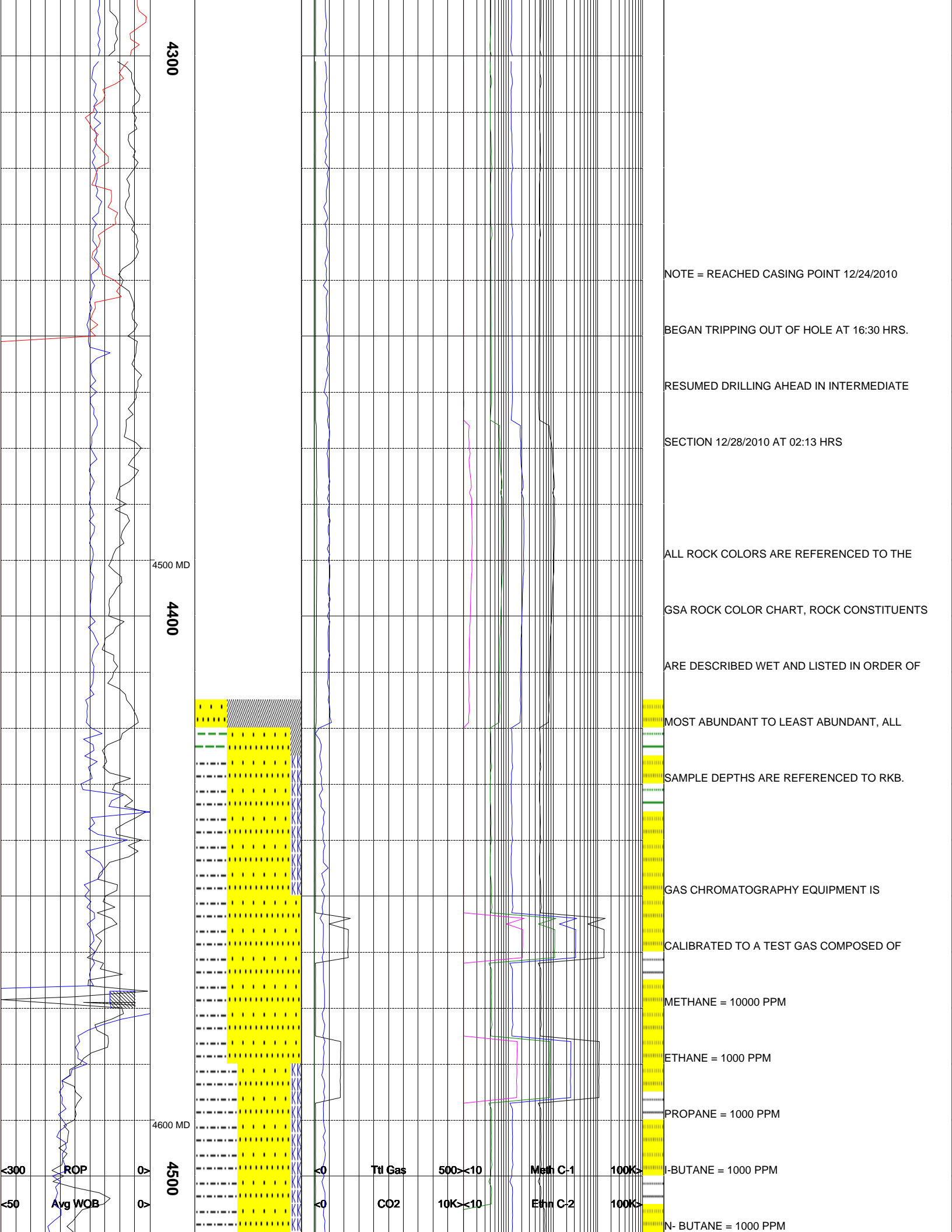


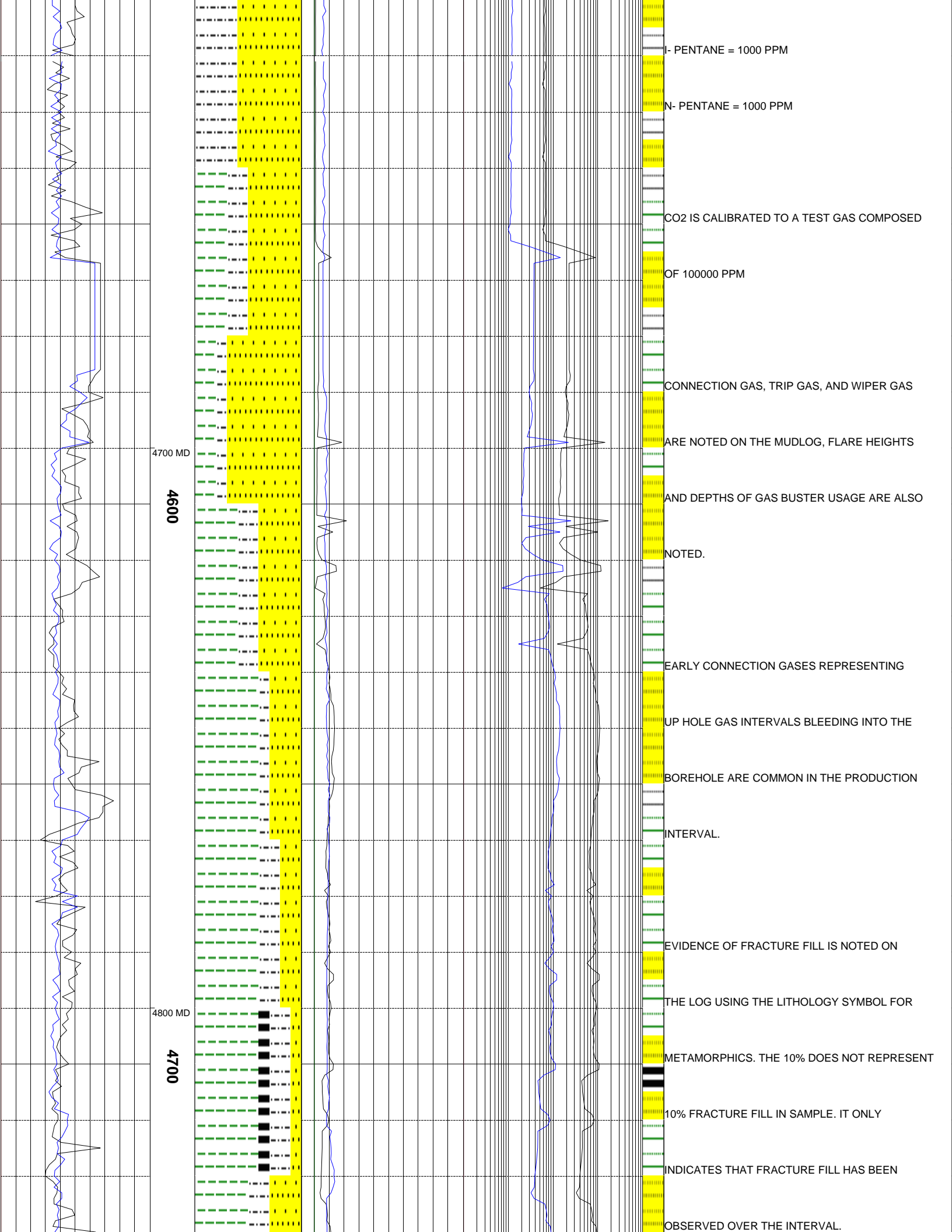
SHOOTING DRAWWORKS MOTOR AND SENSORS.

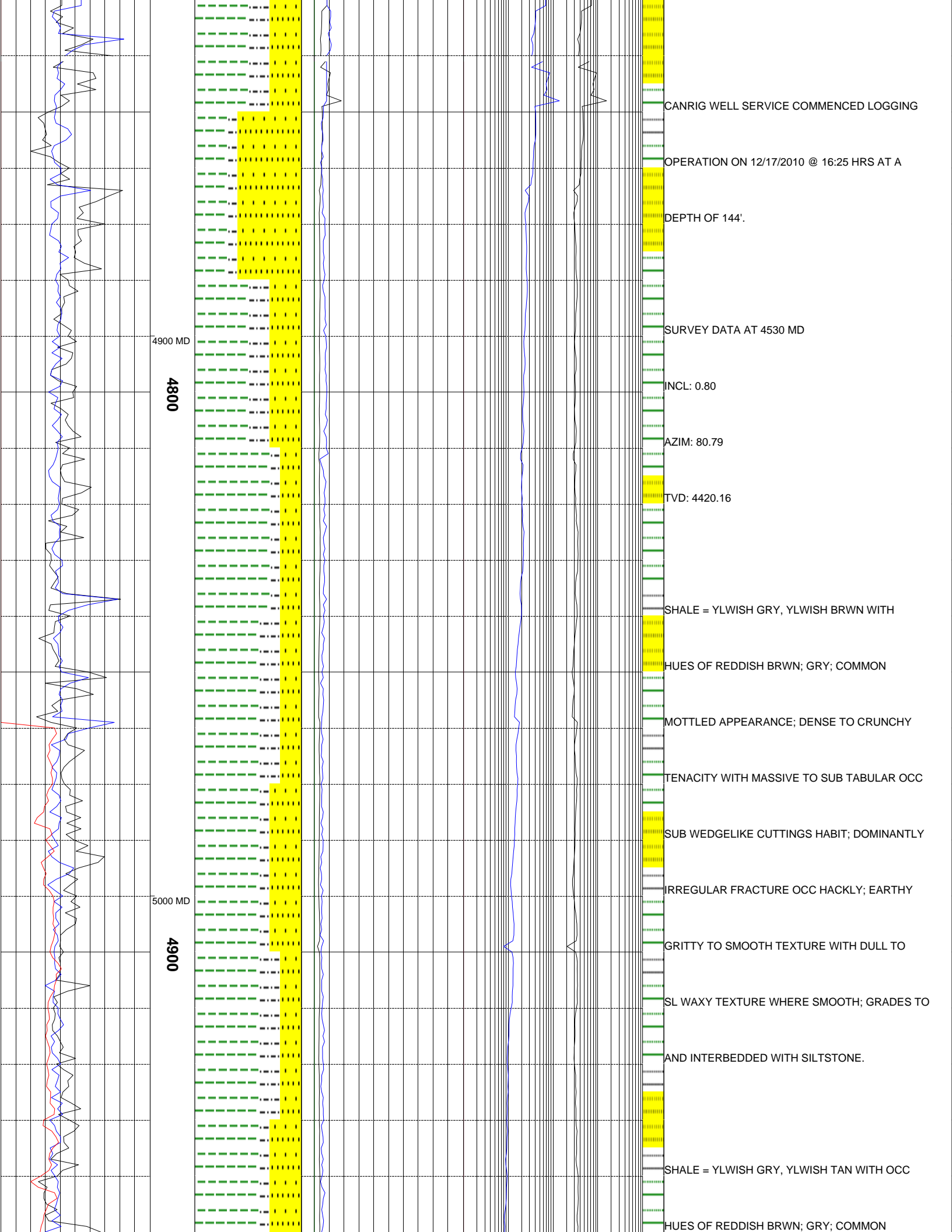
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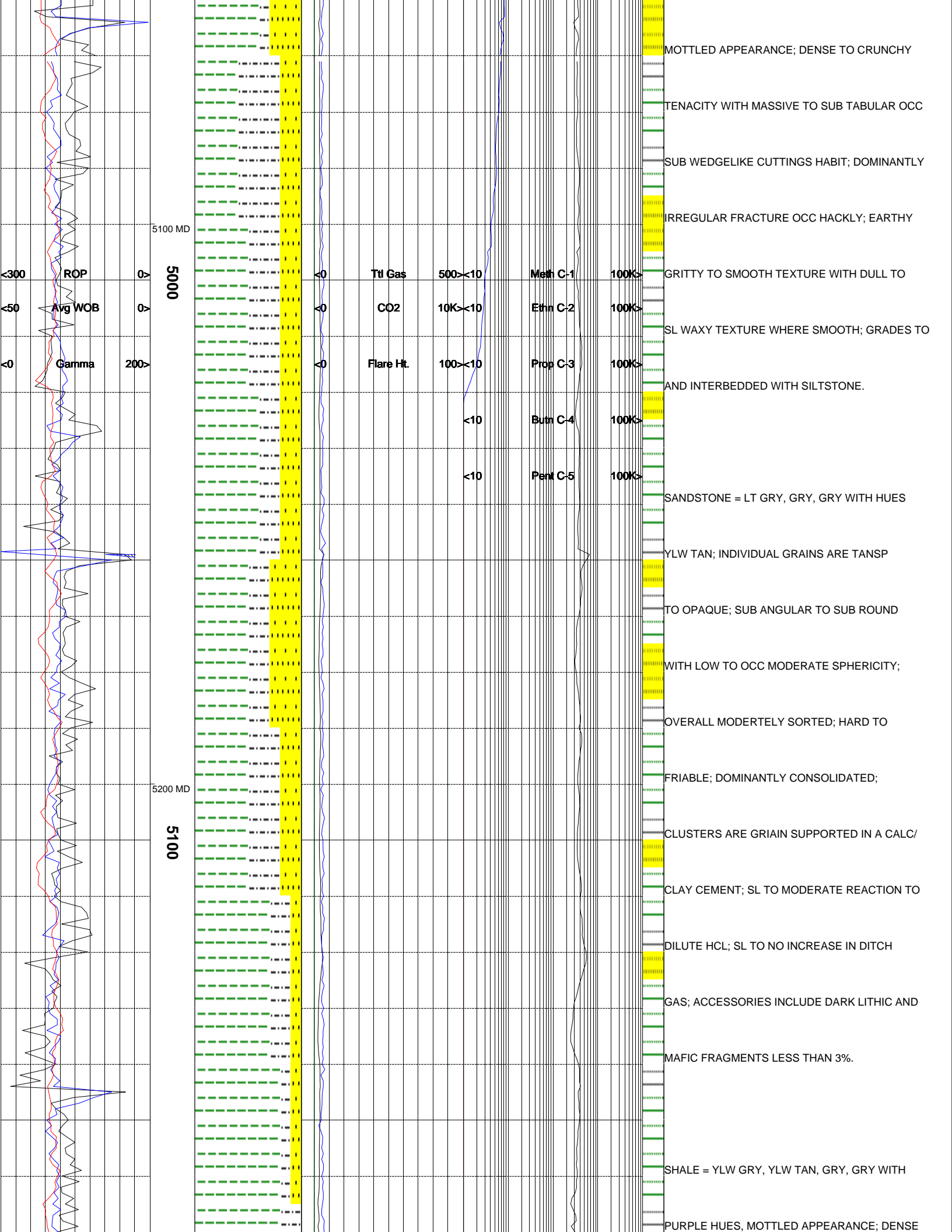


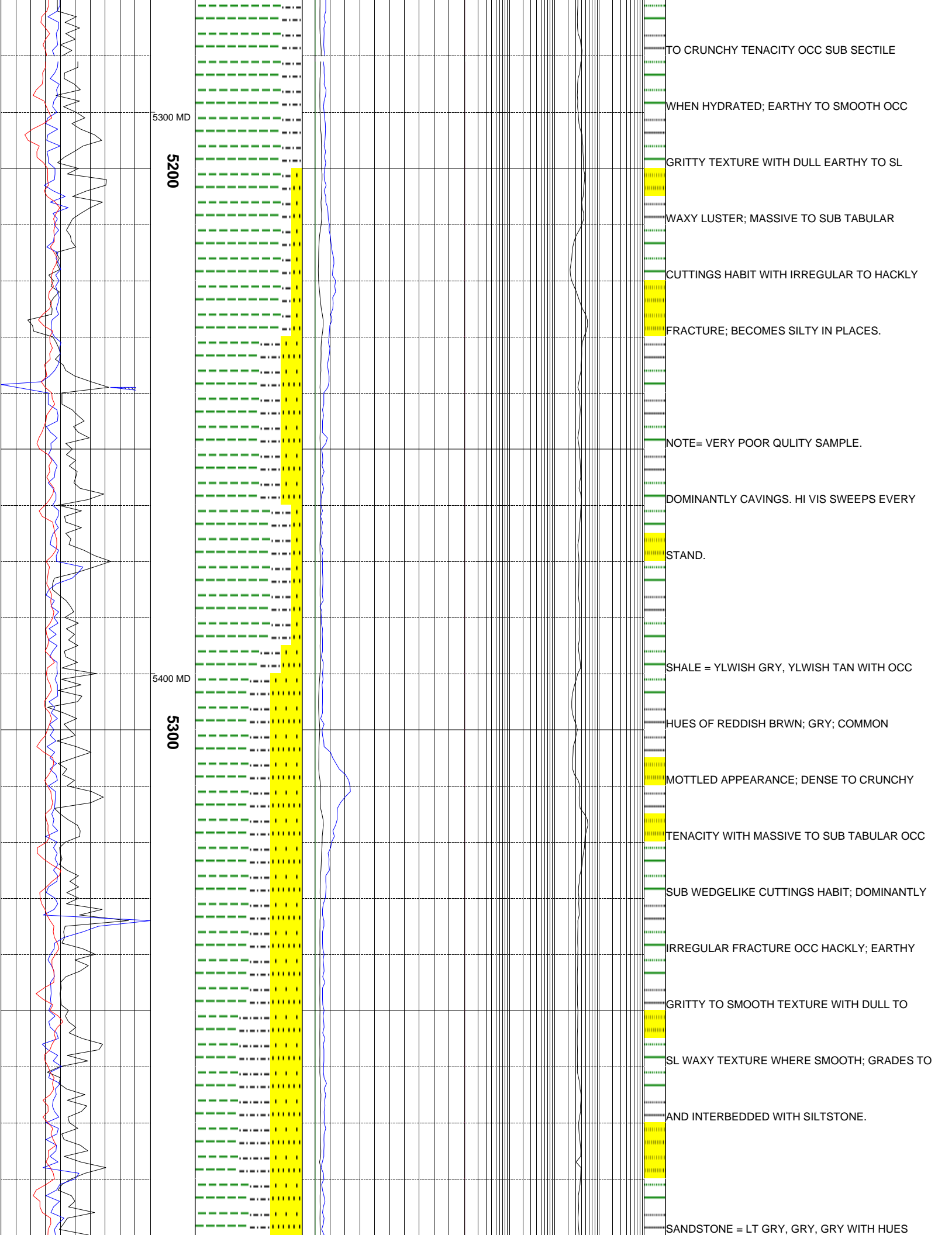


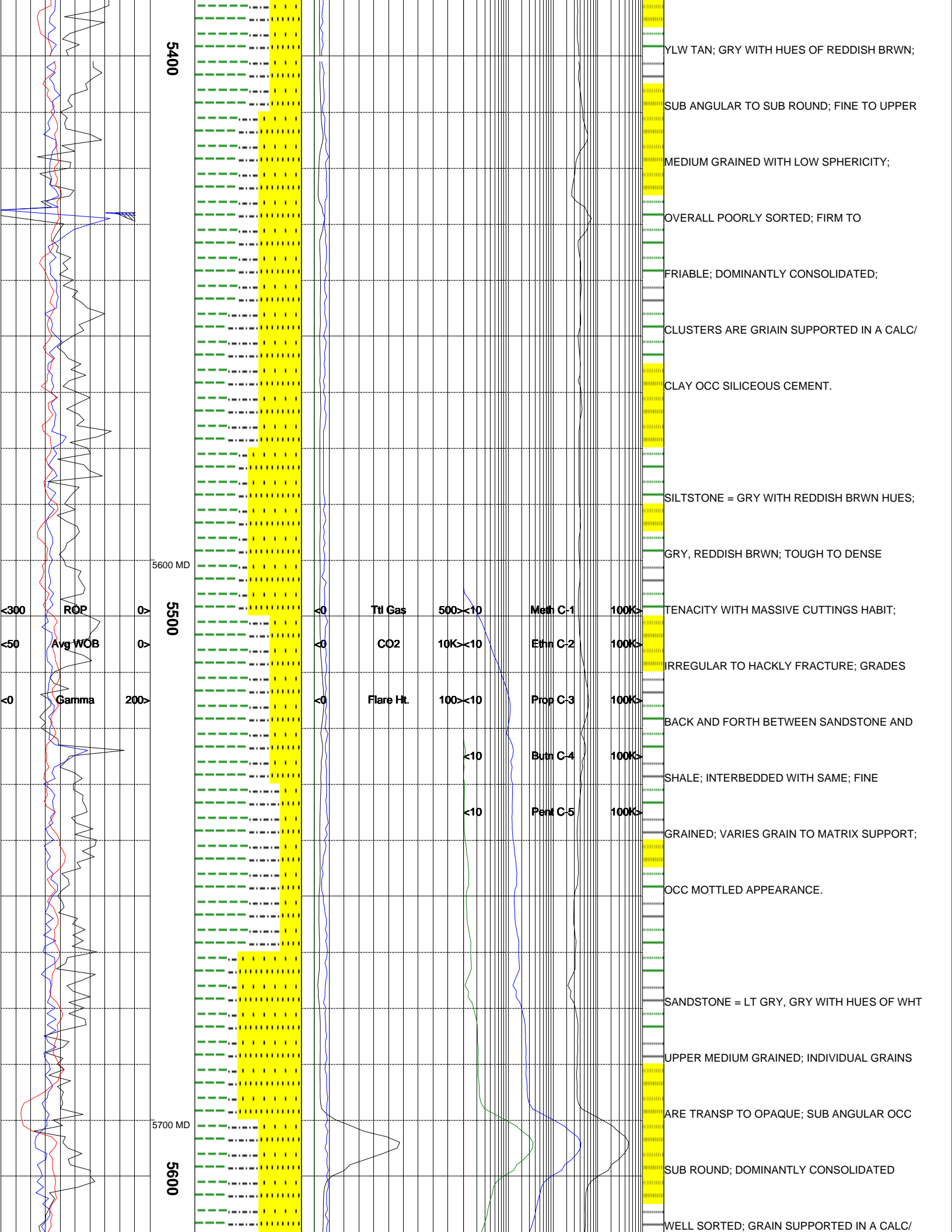


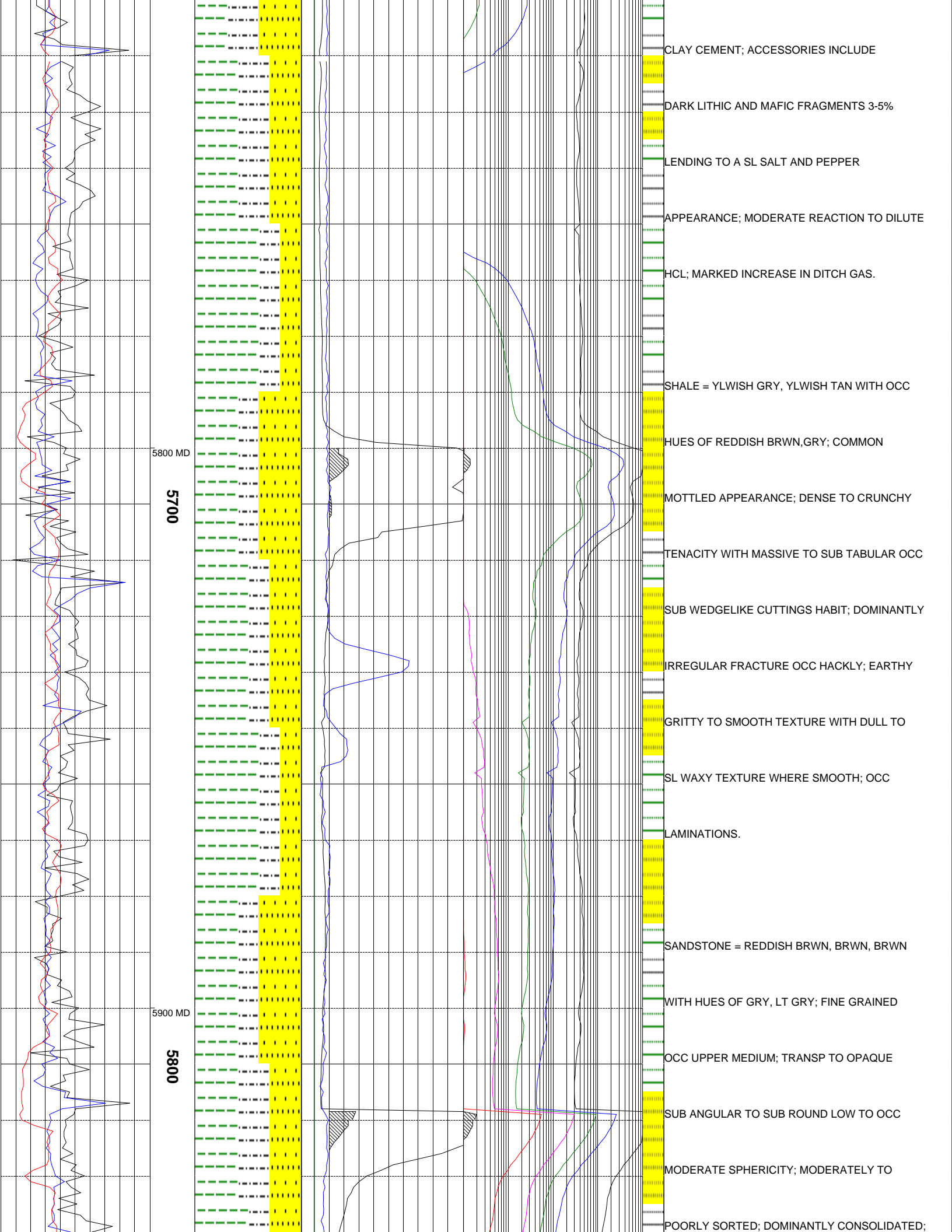


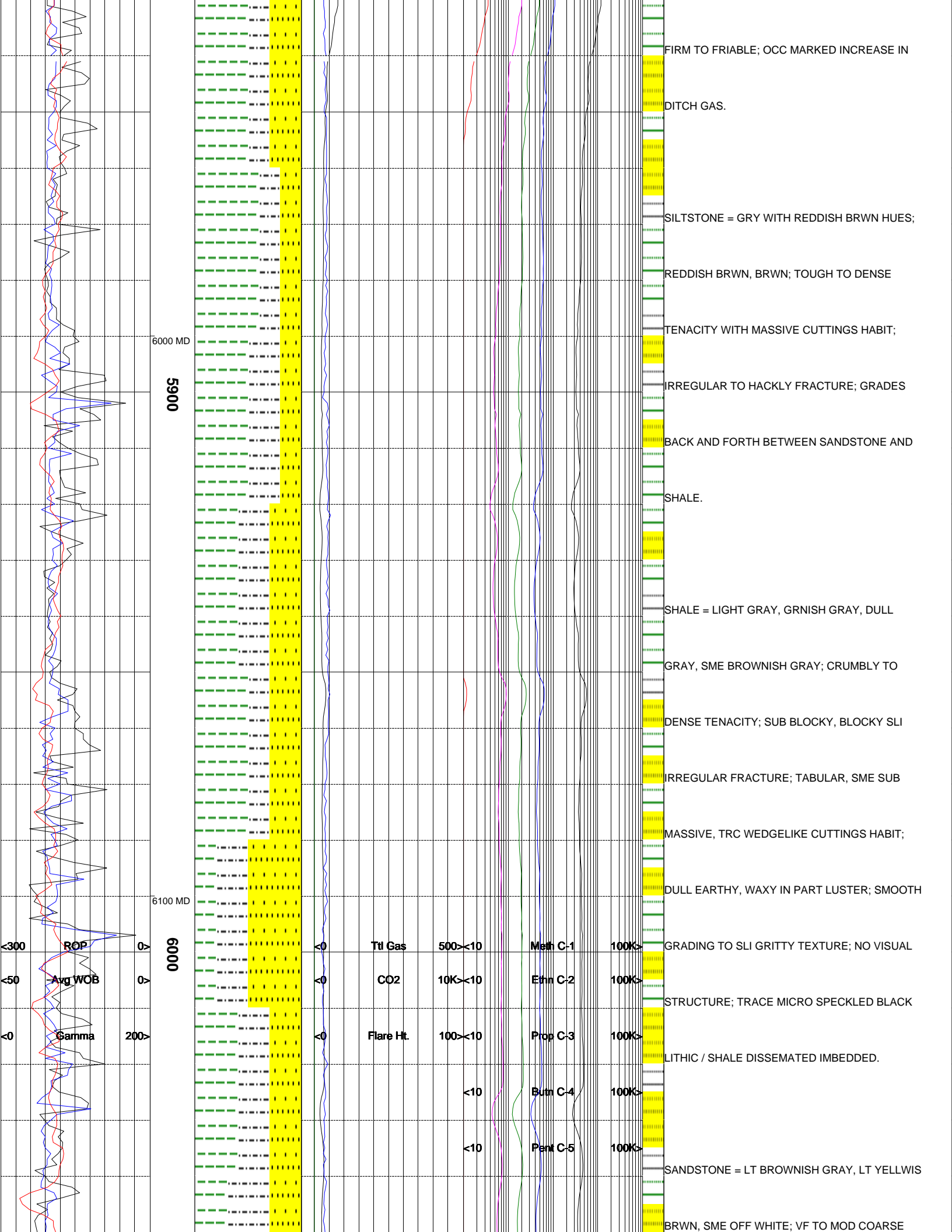


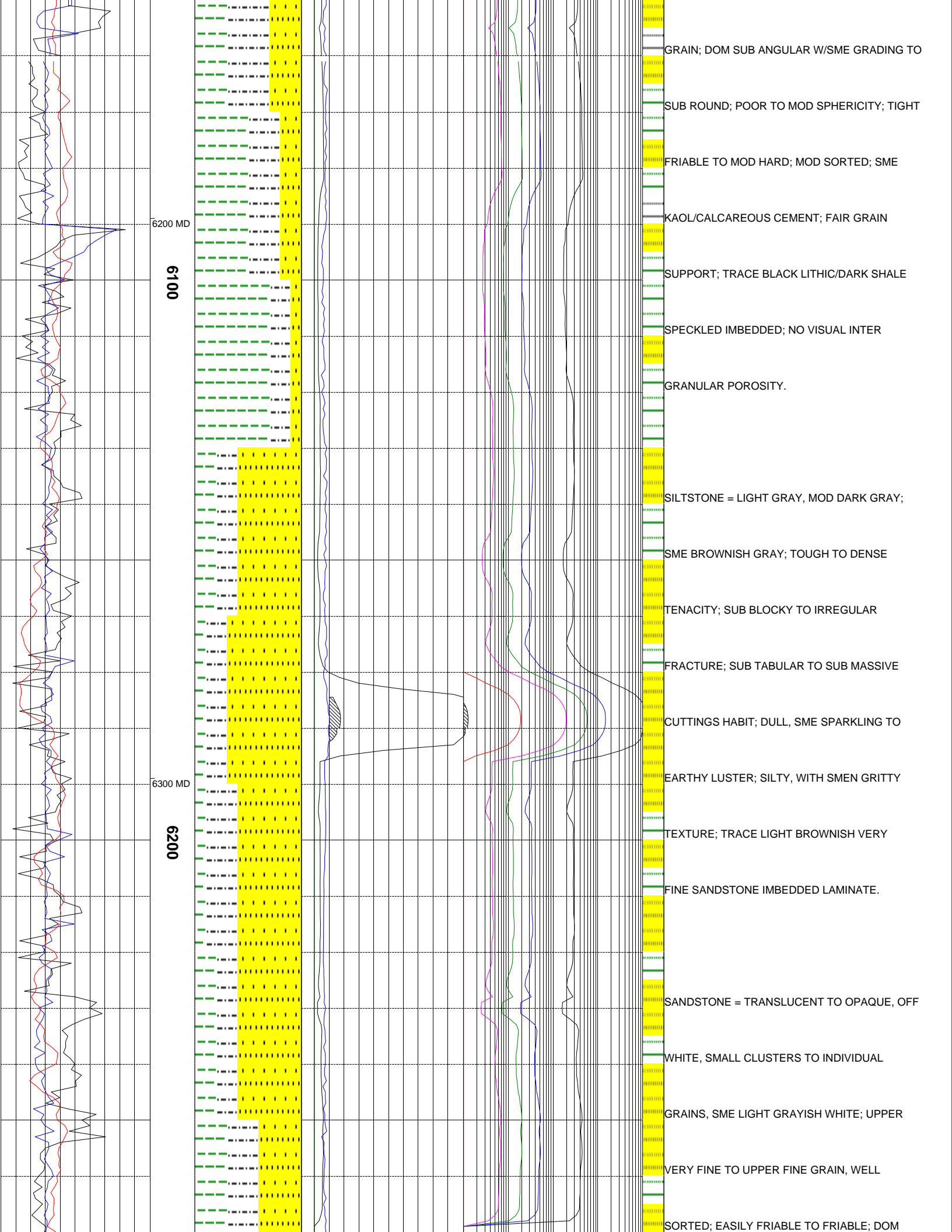


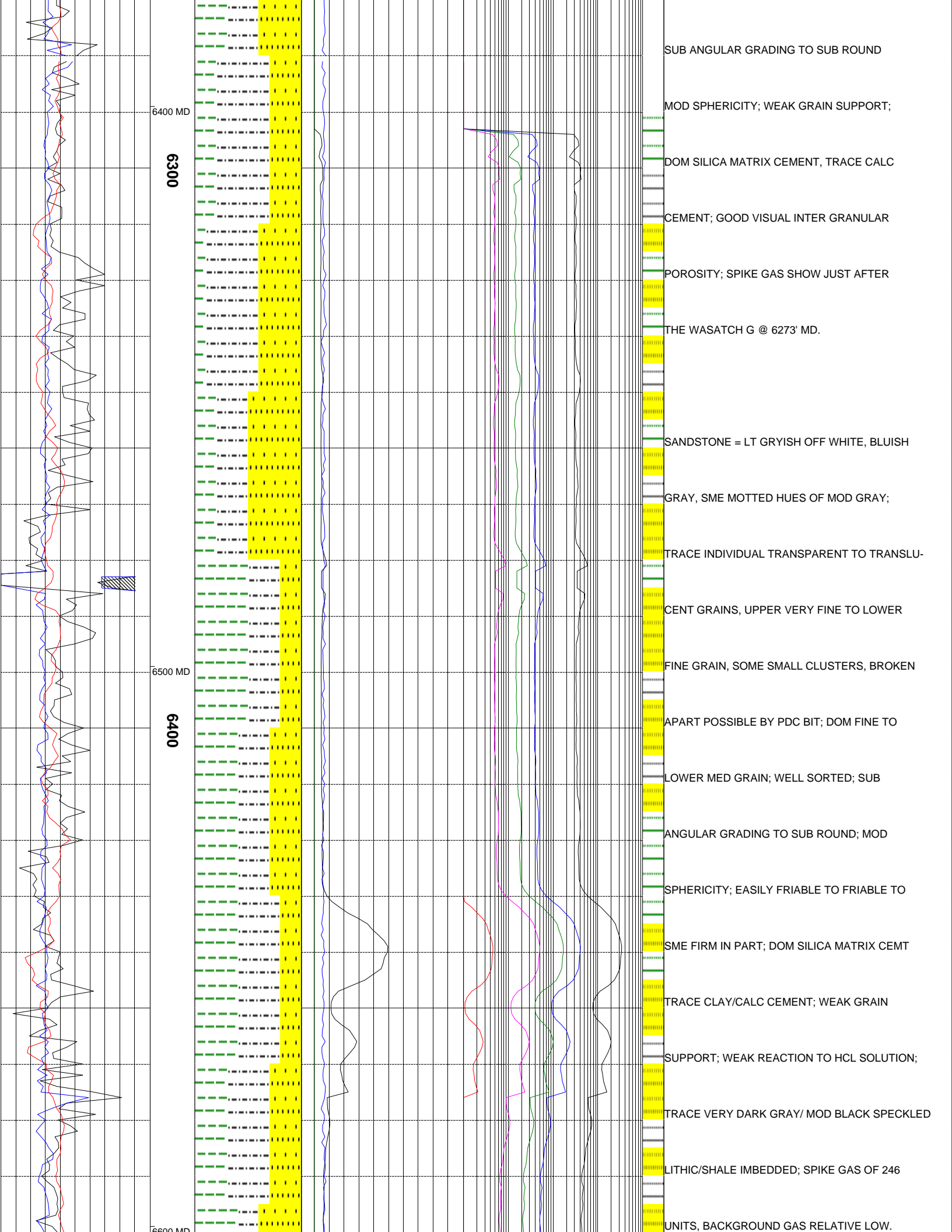


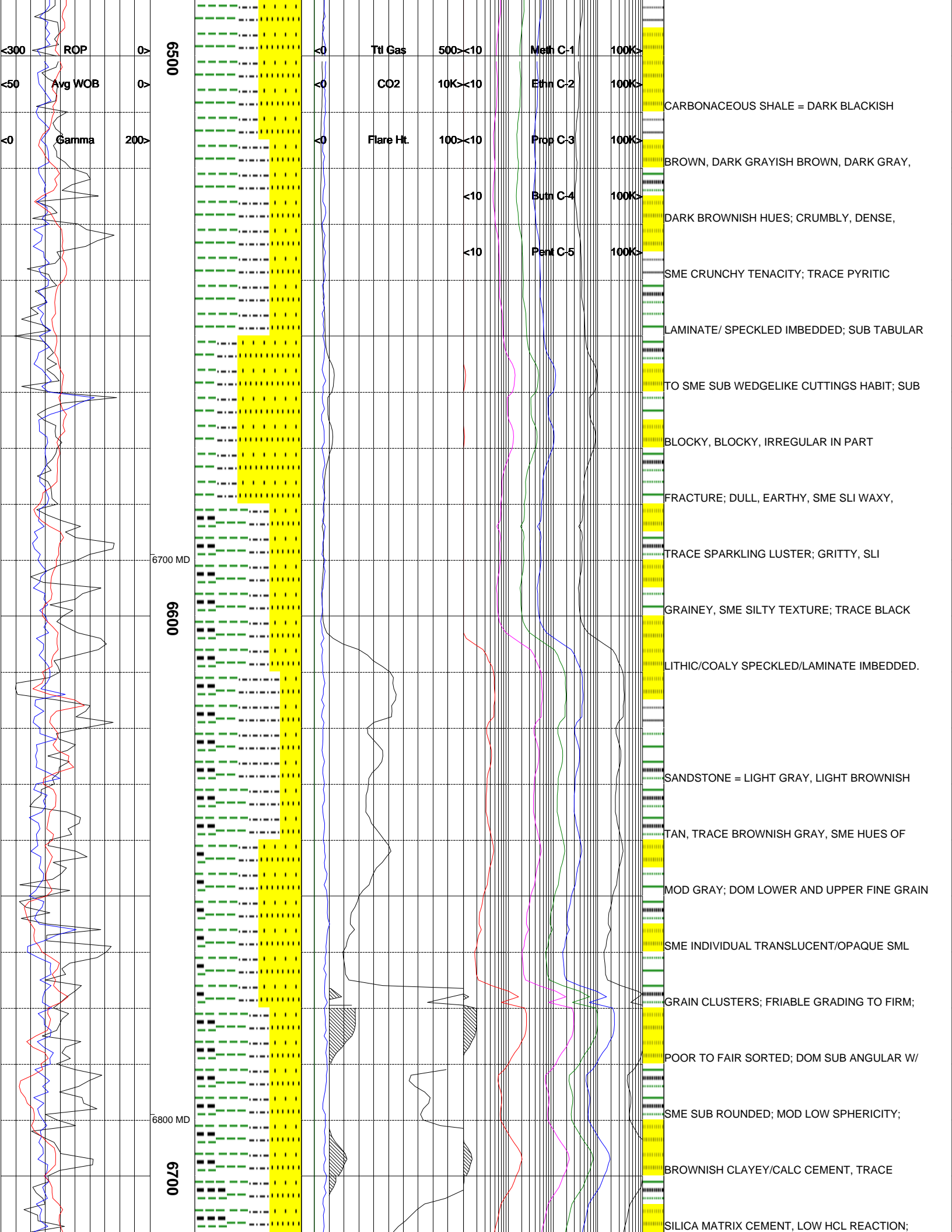


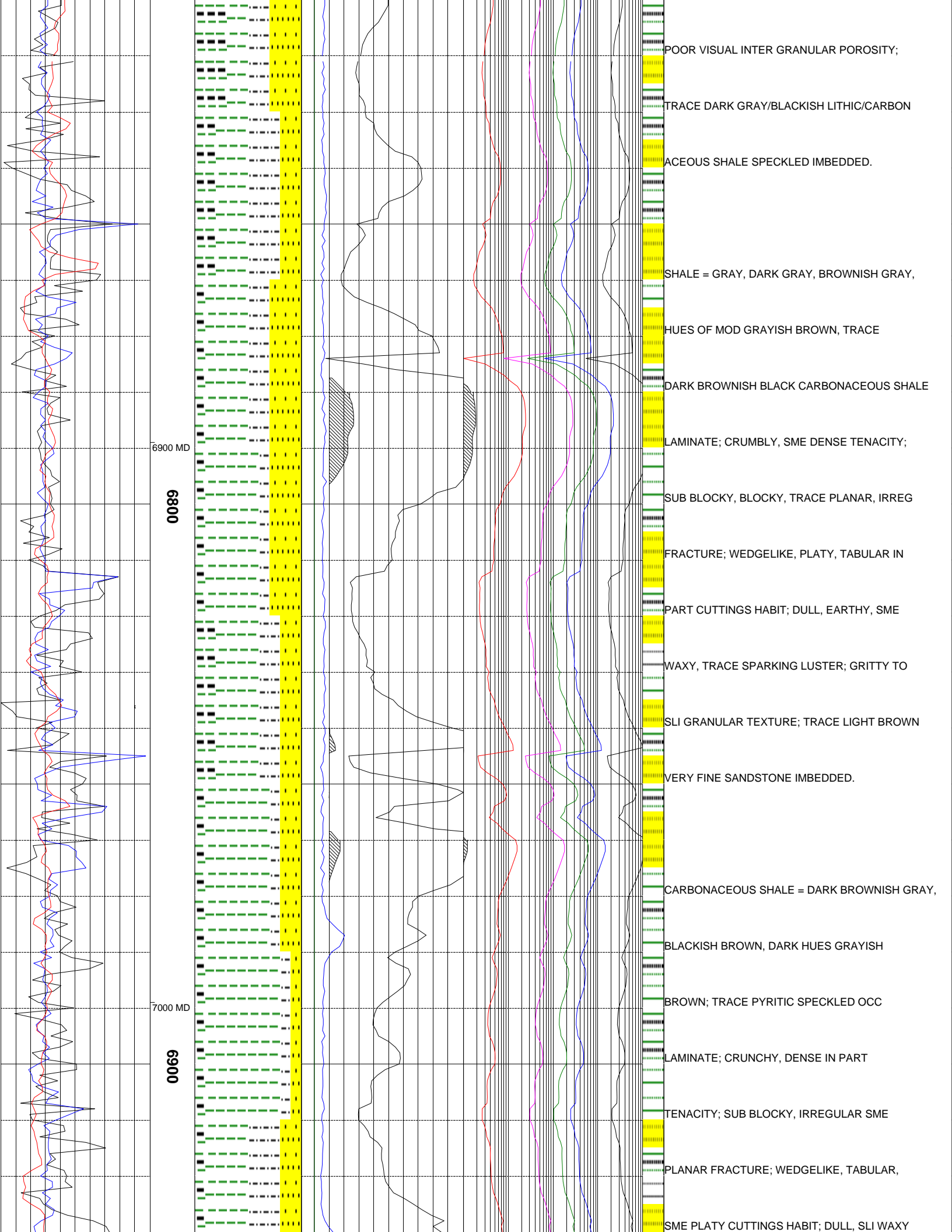


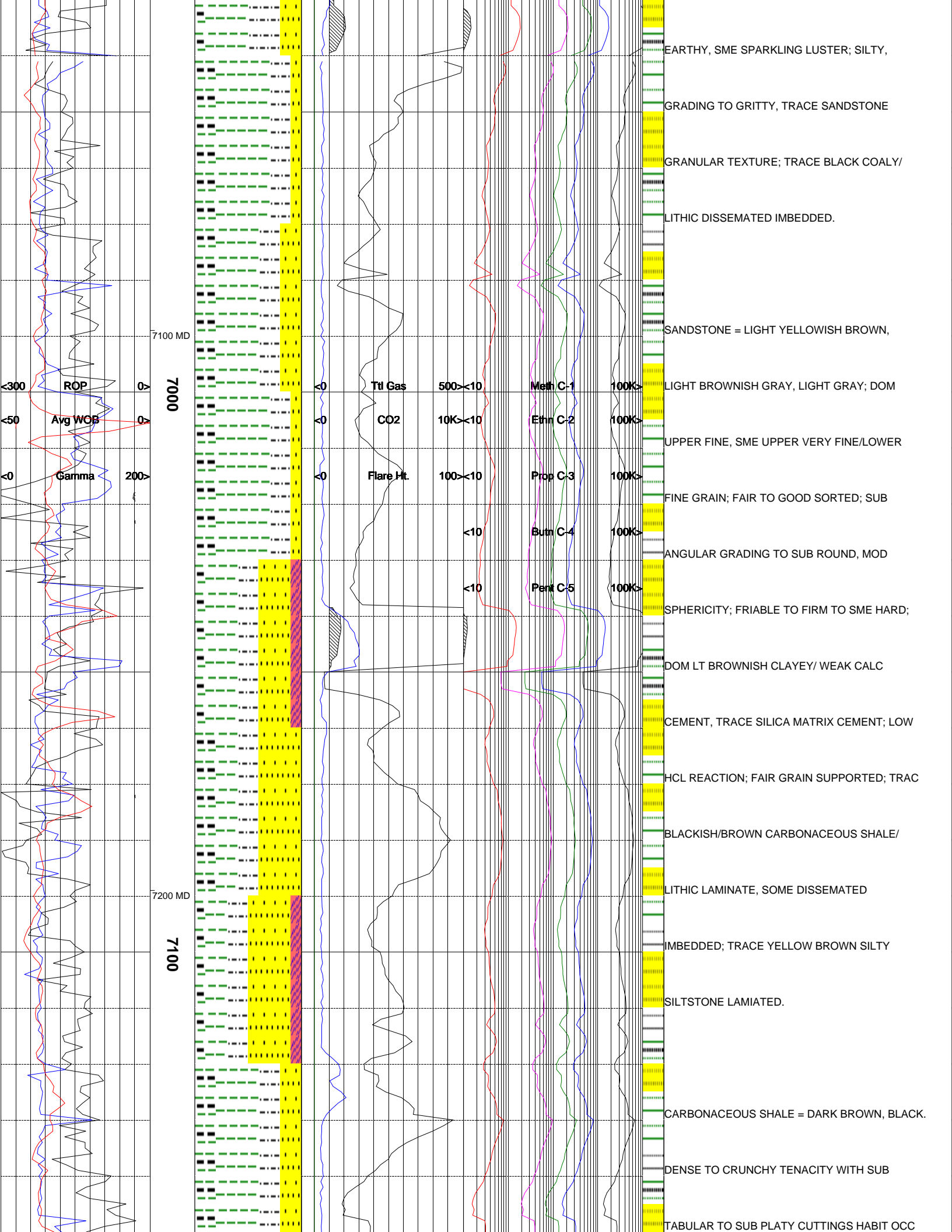


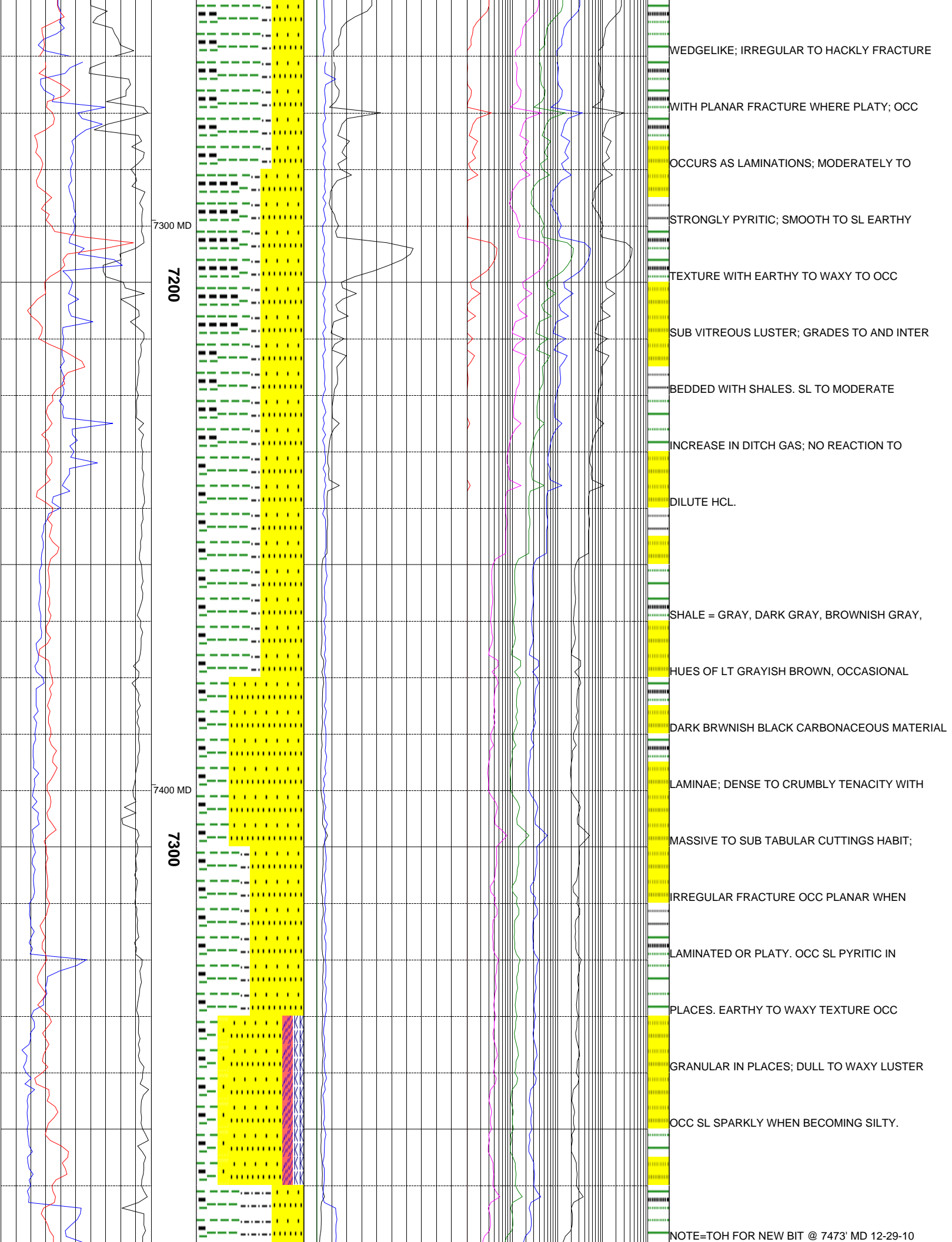


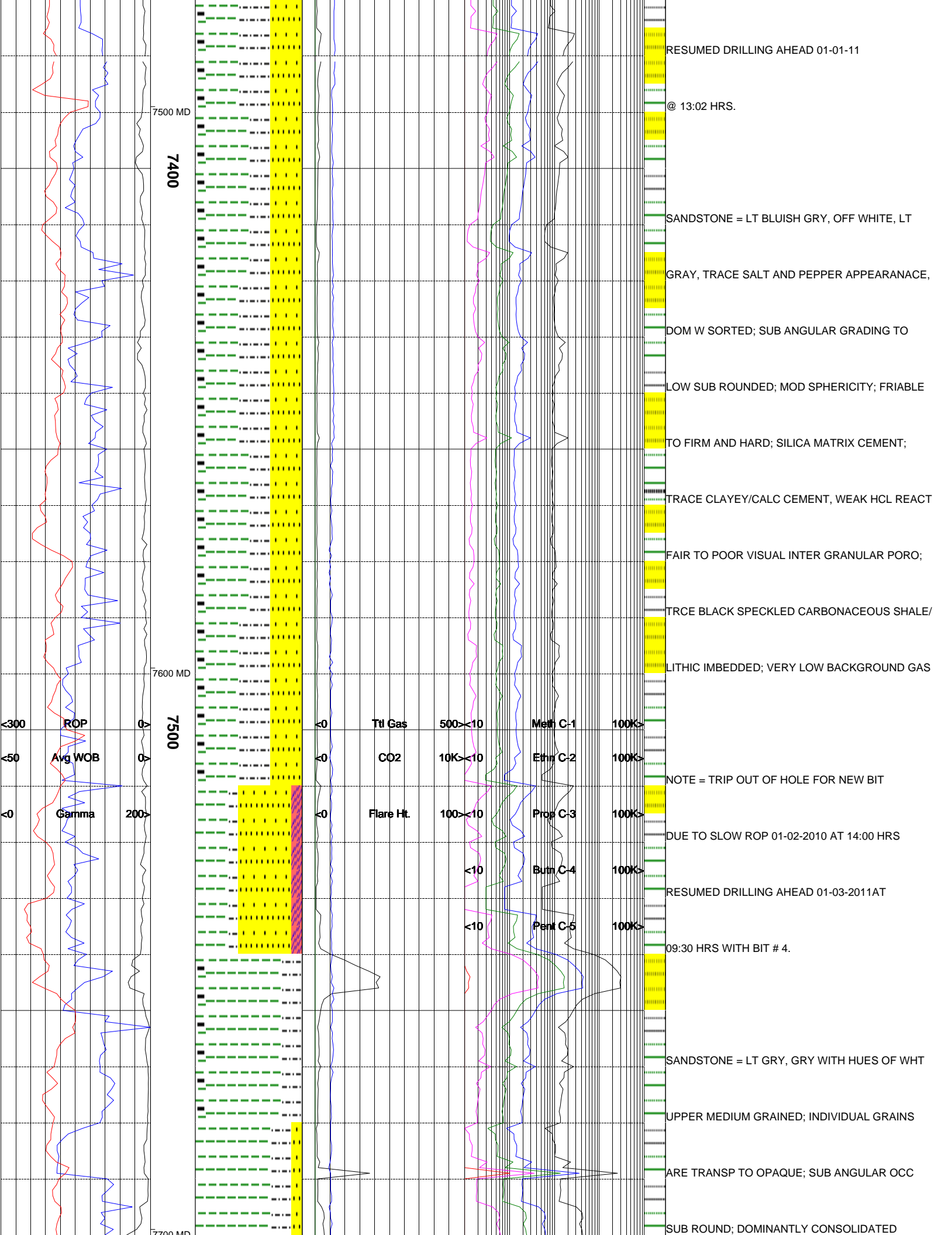


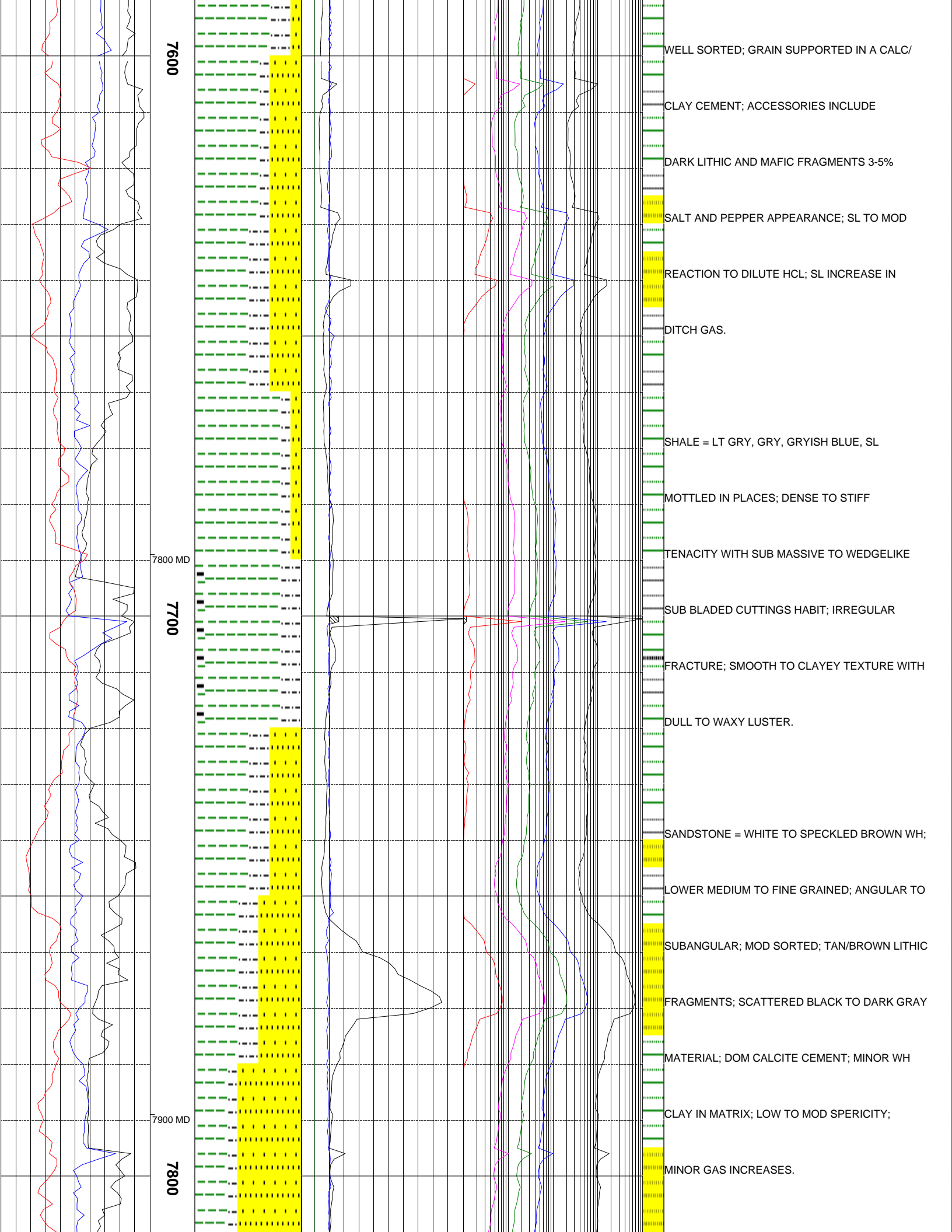


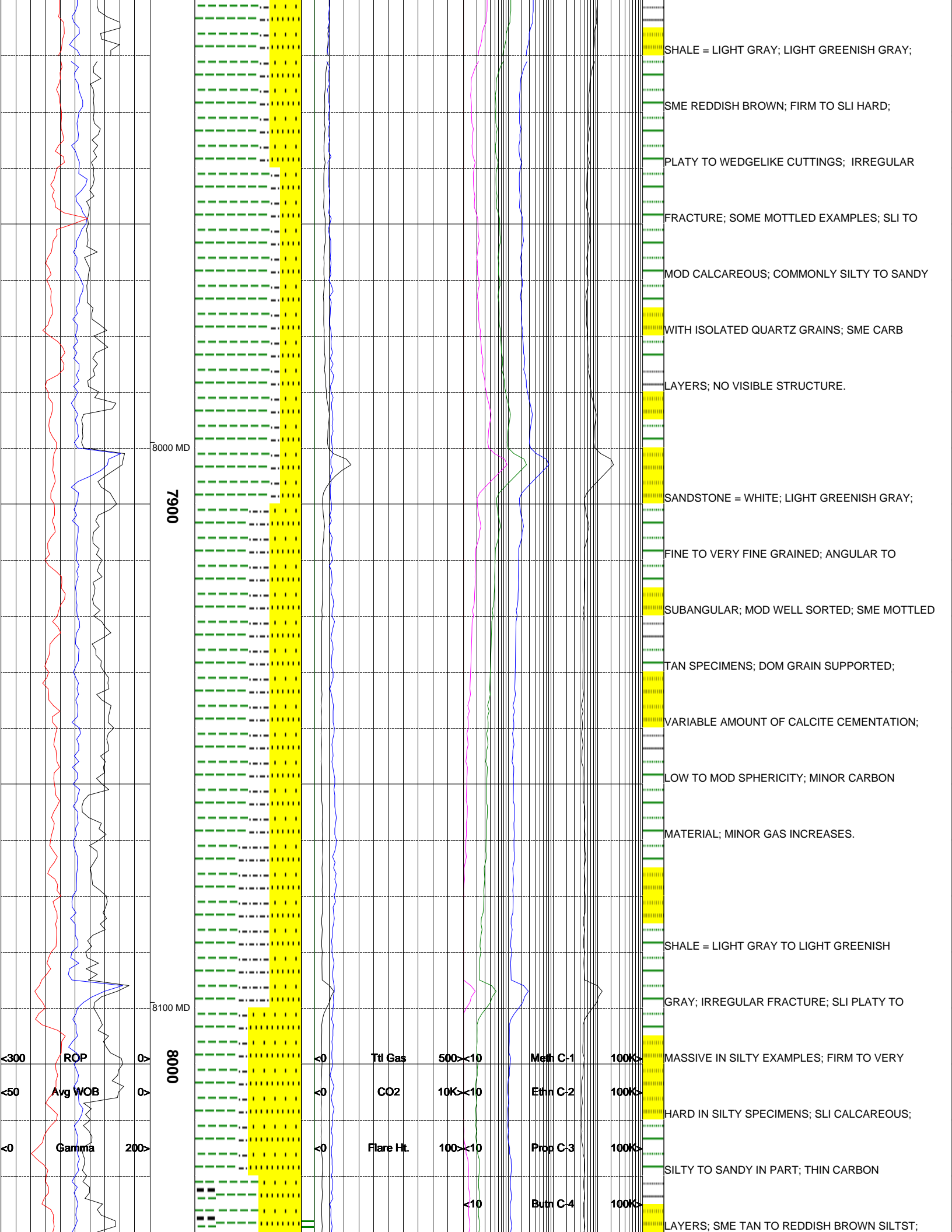


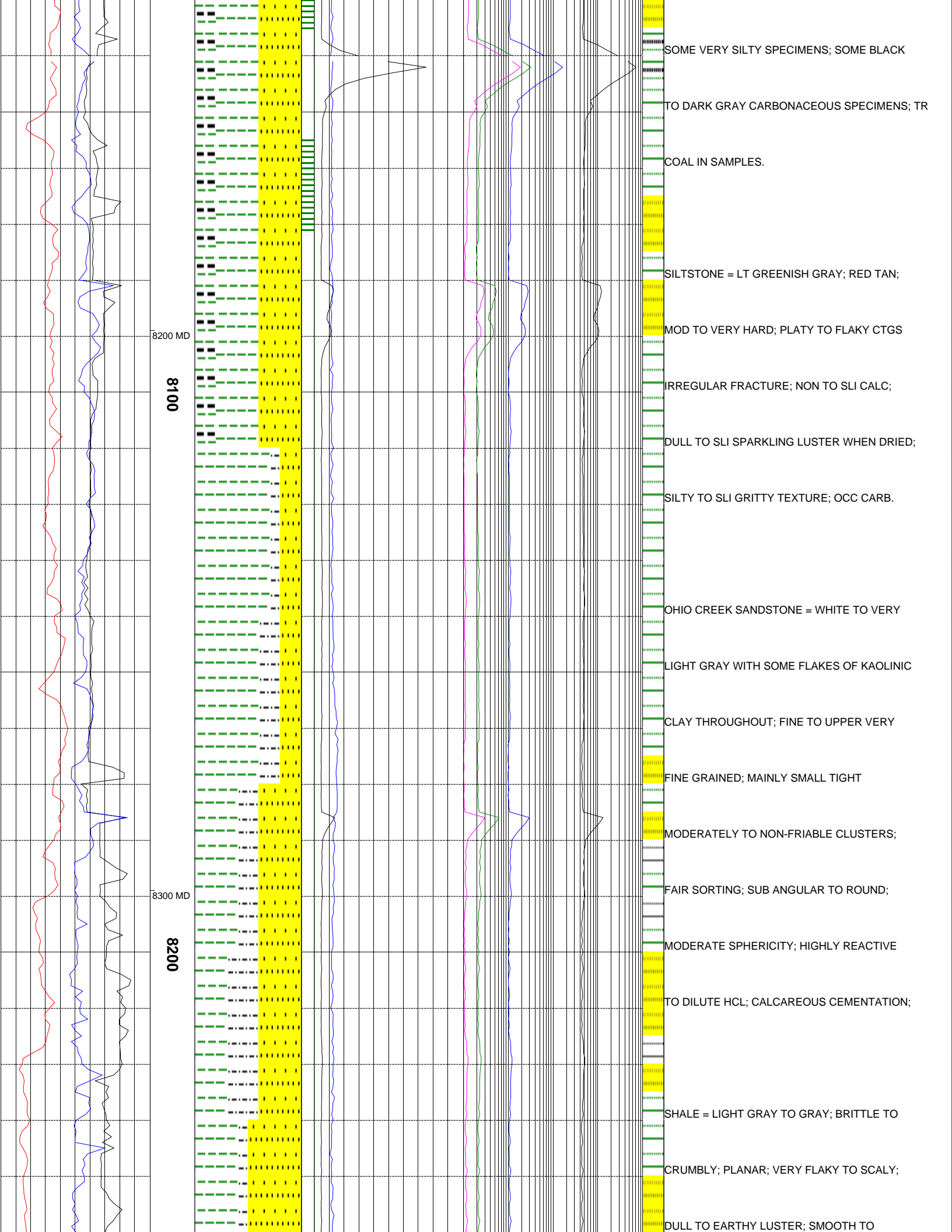


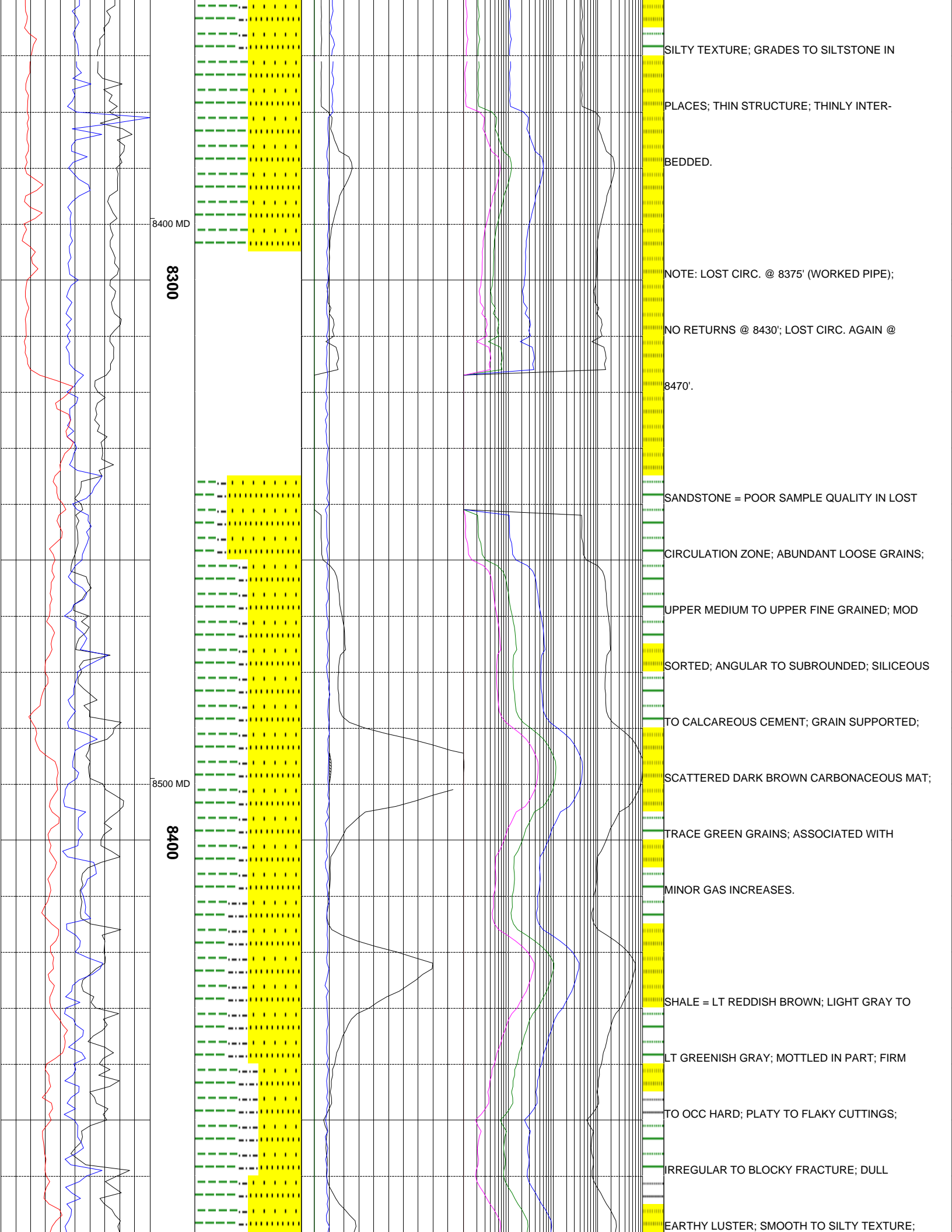


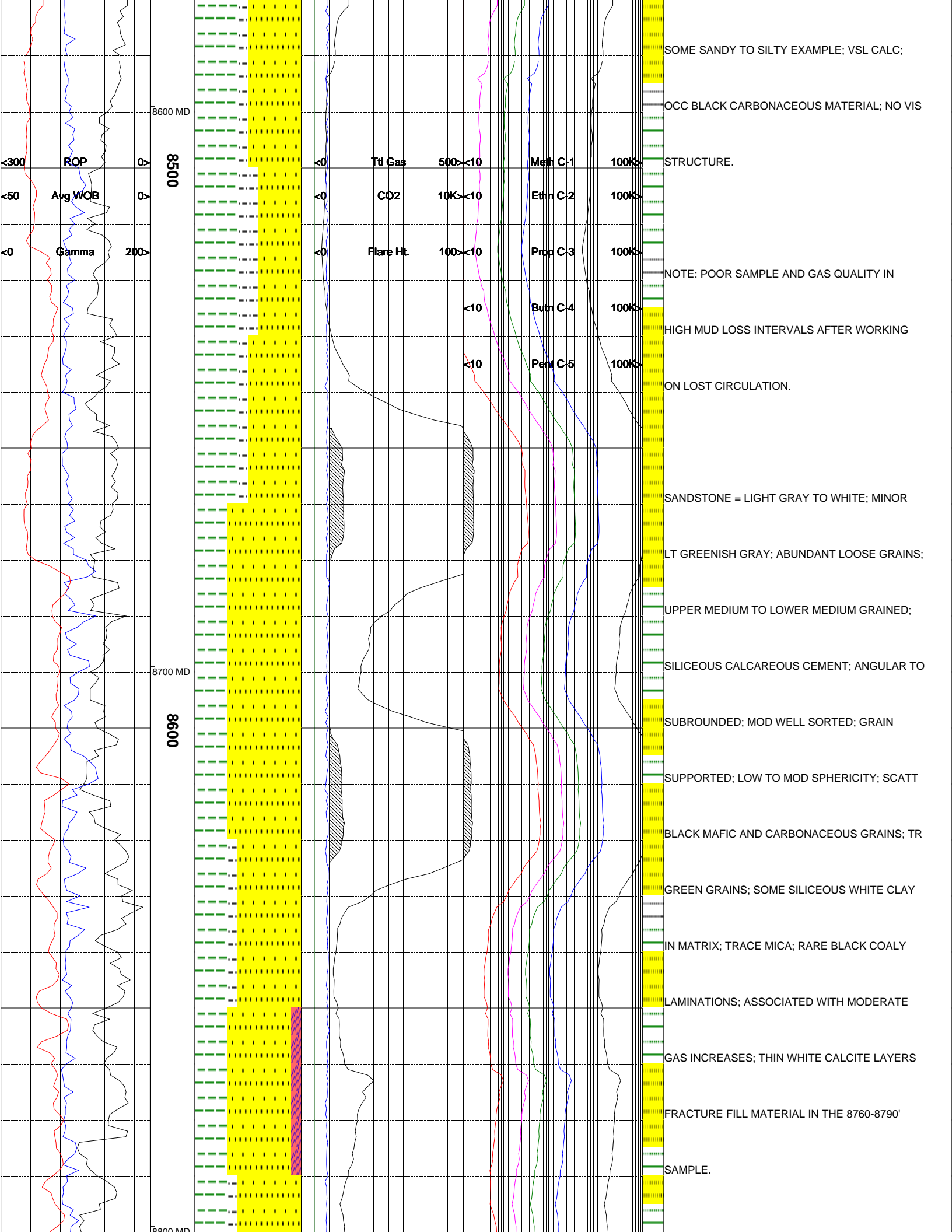


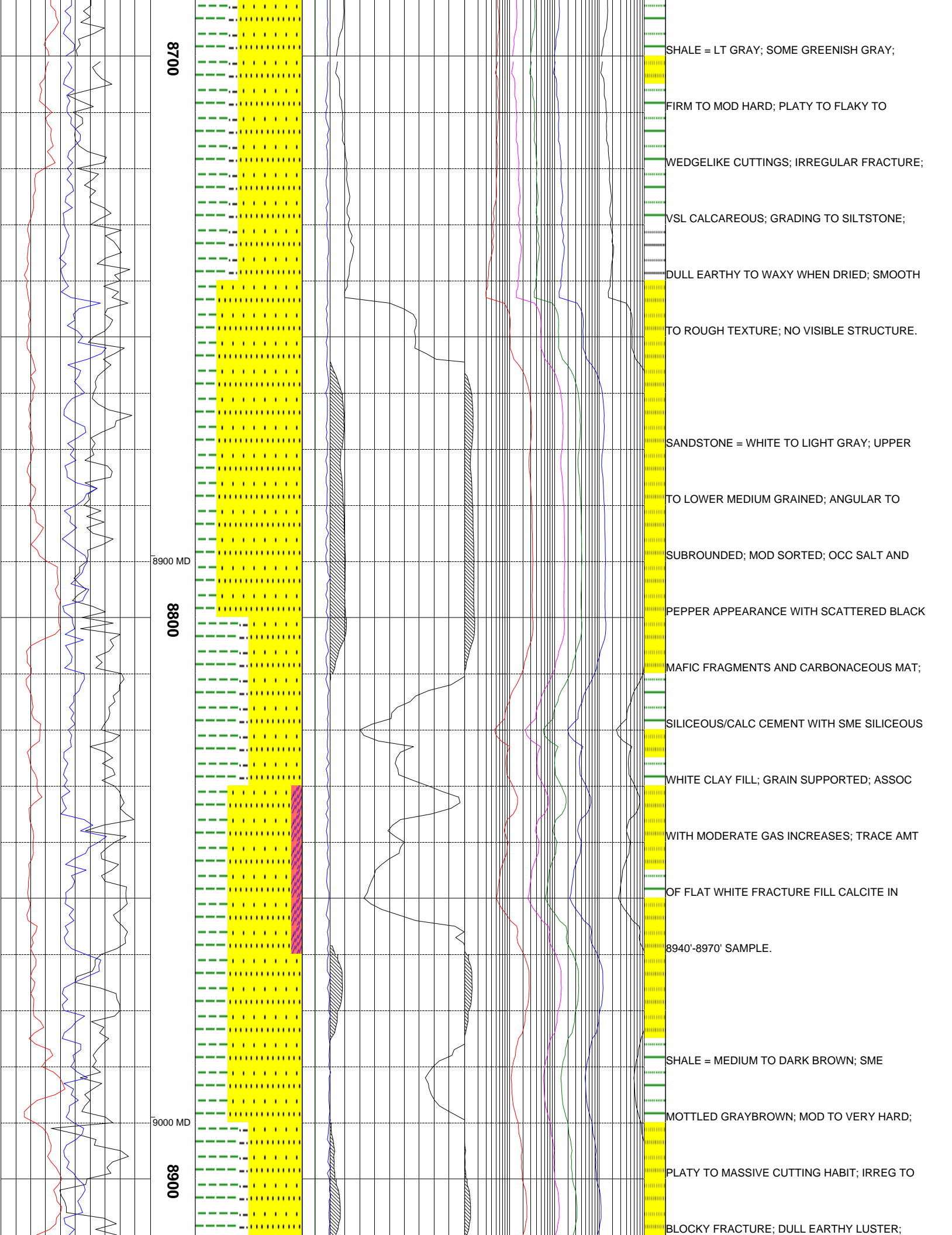


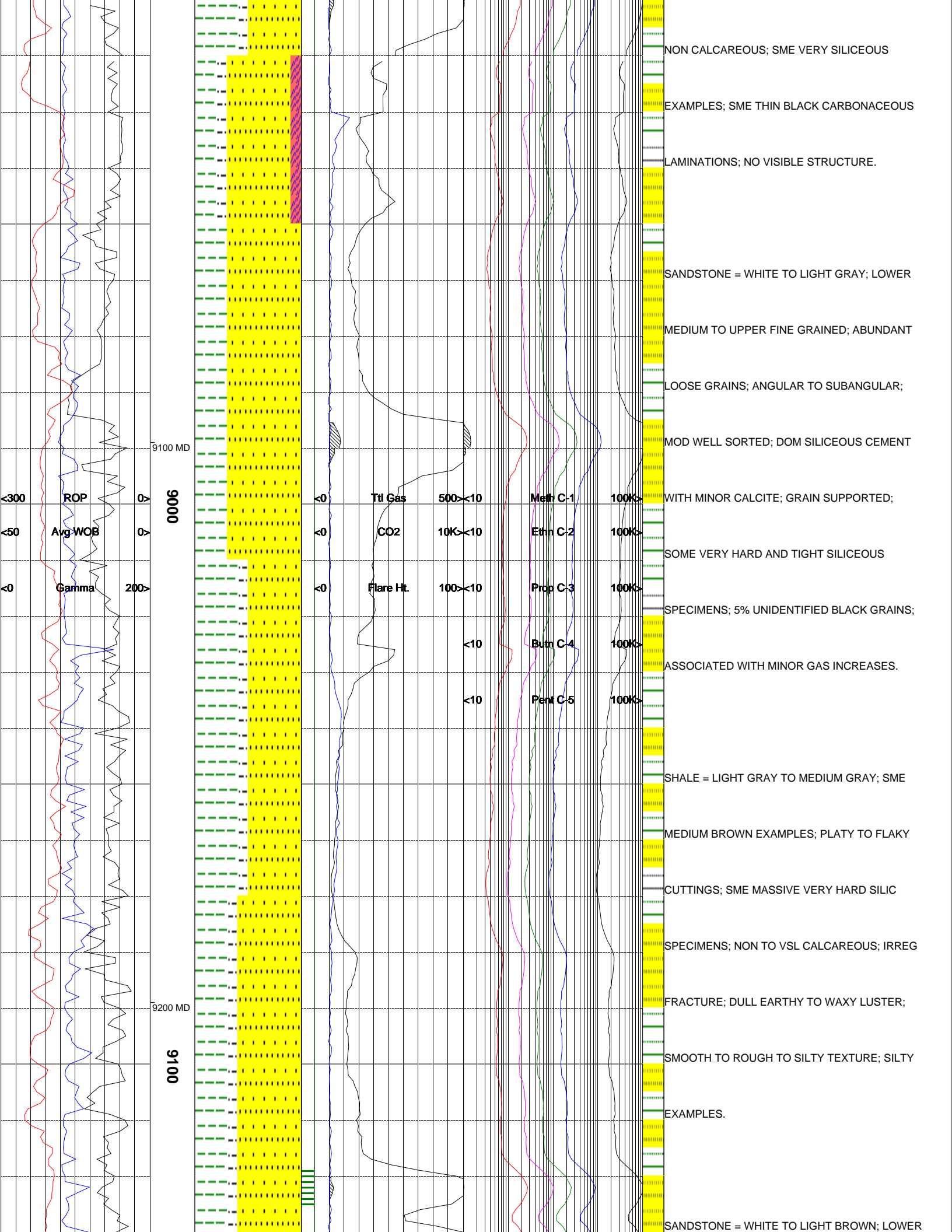


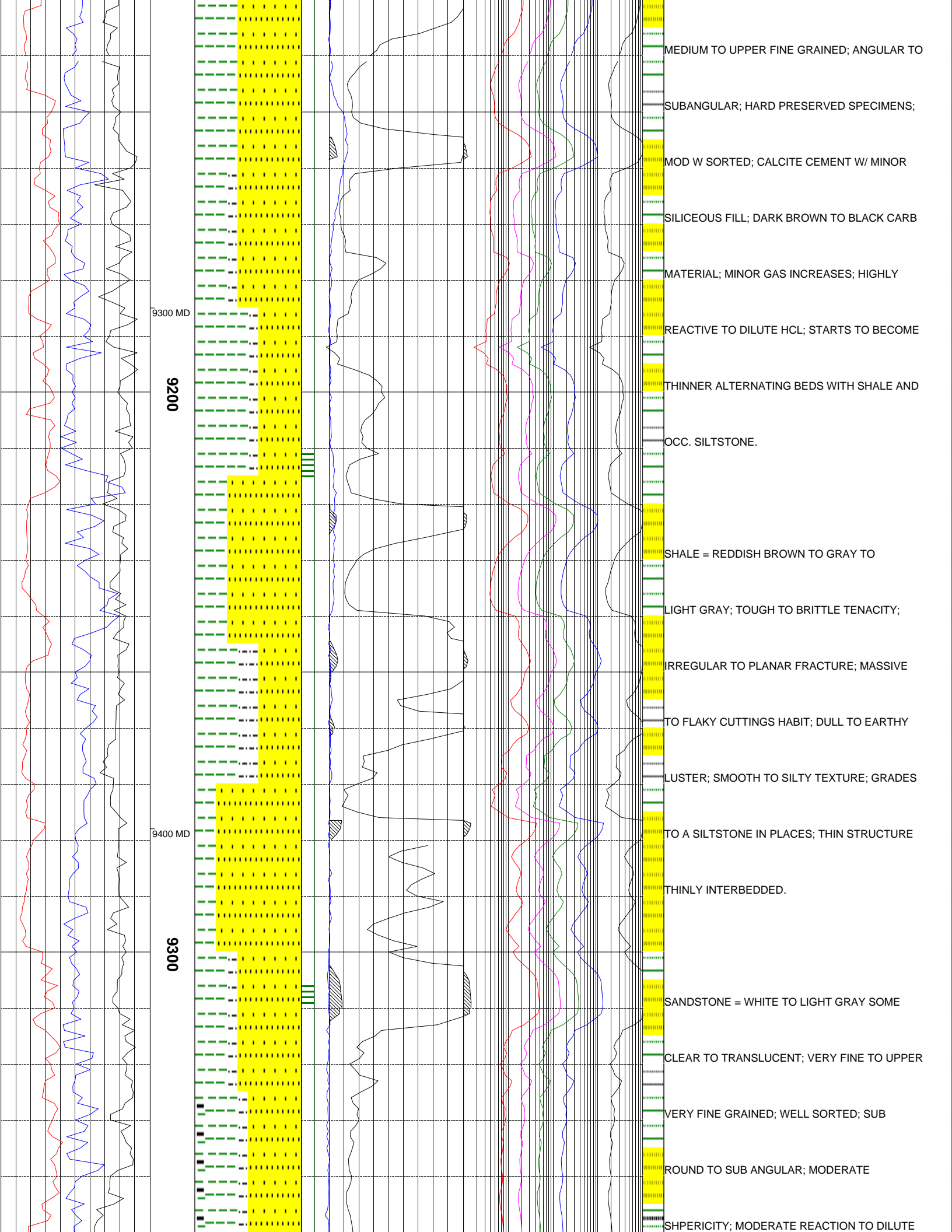


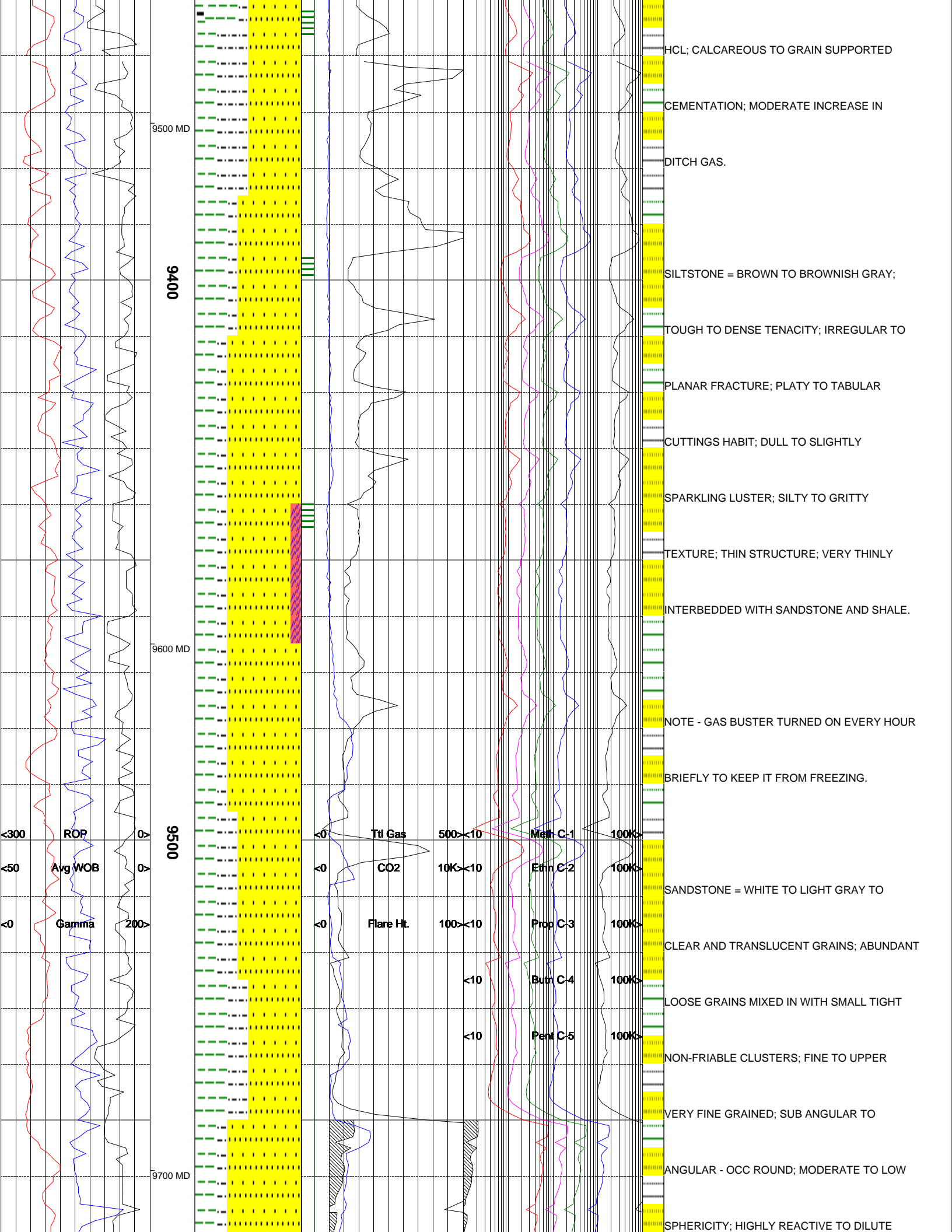


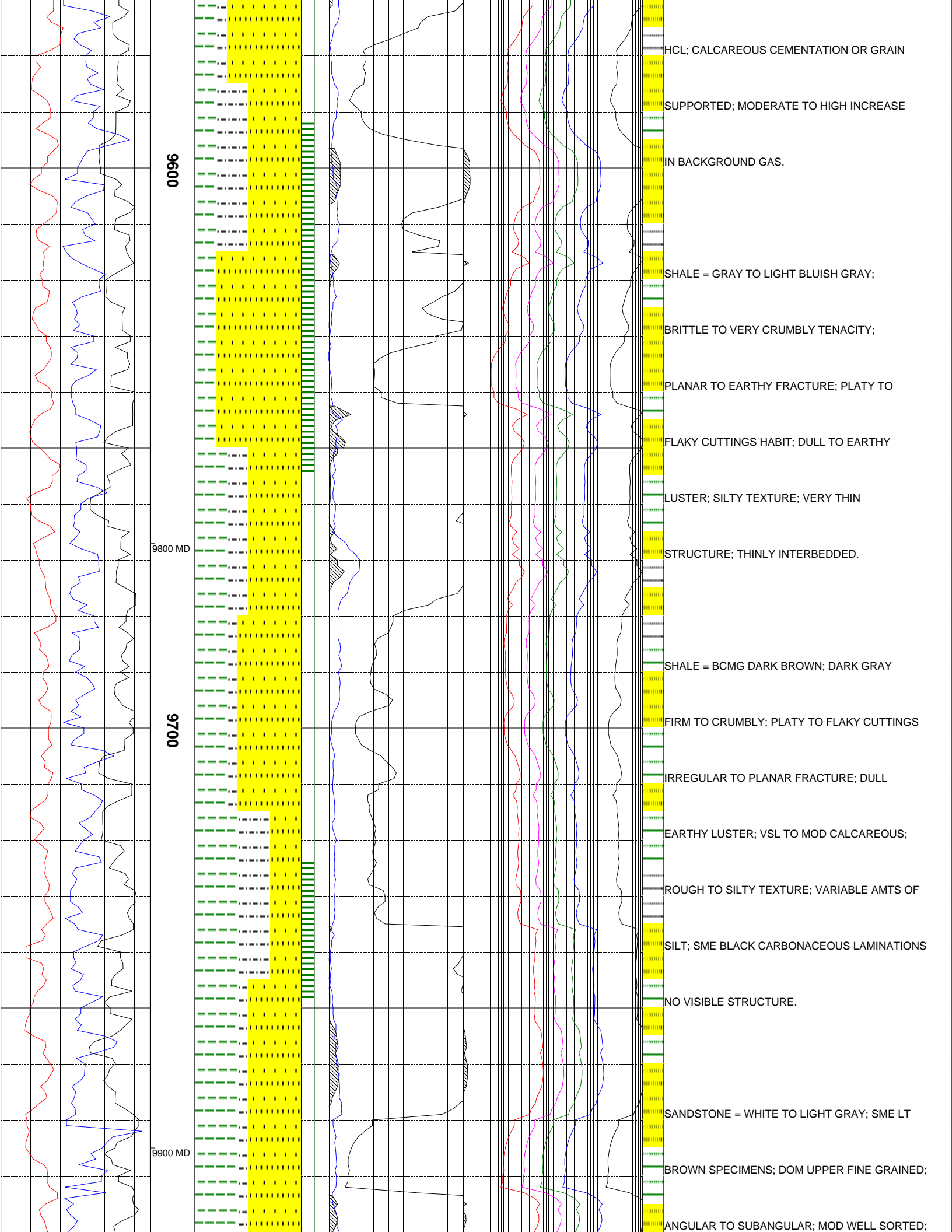


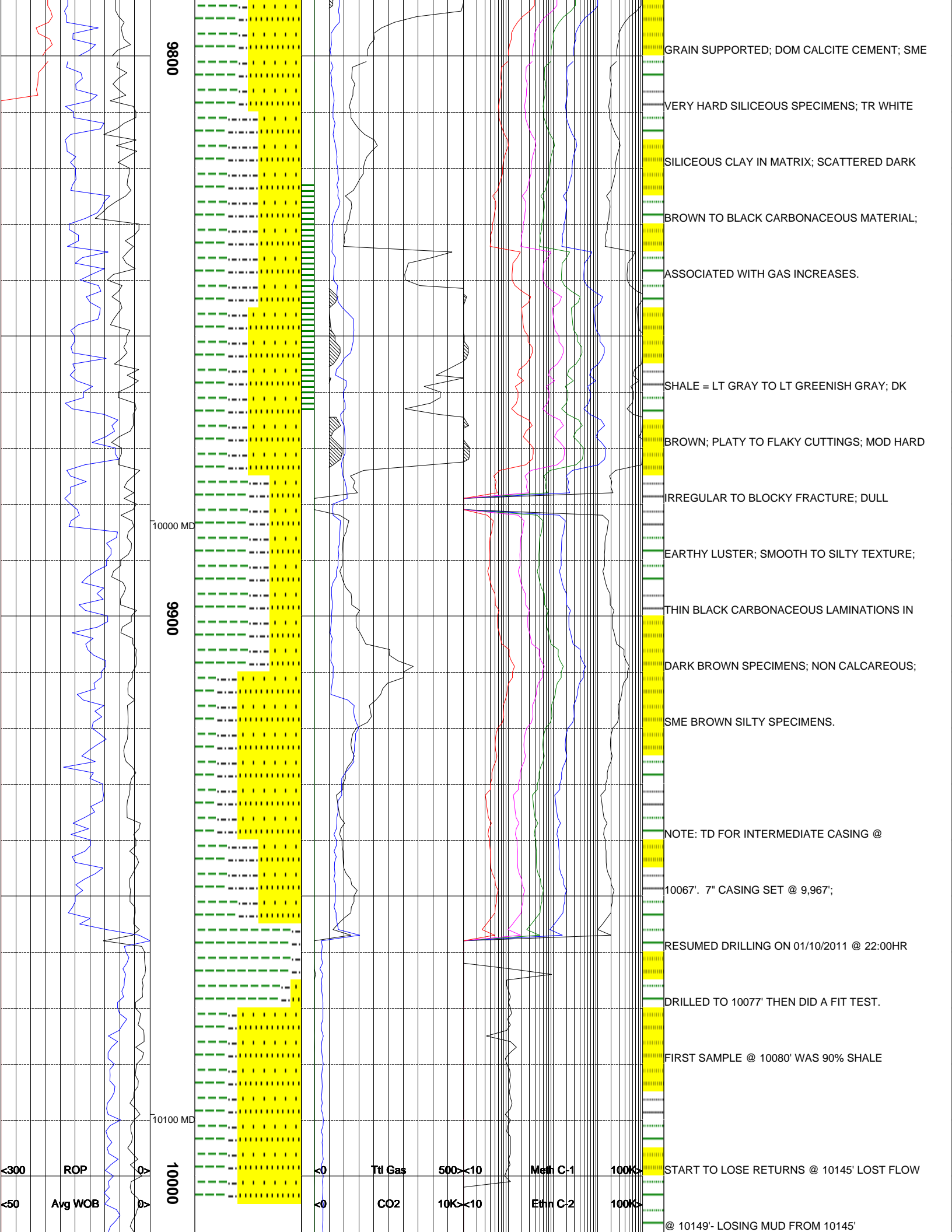


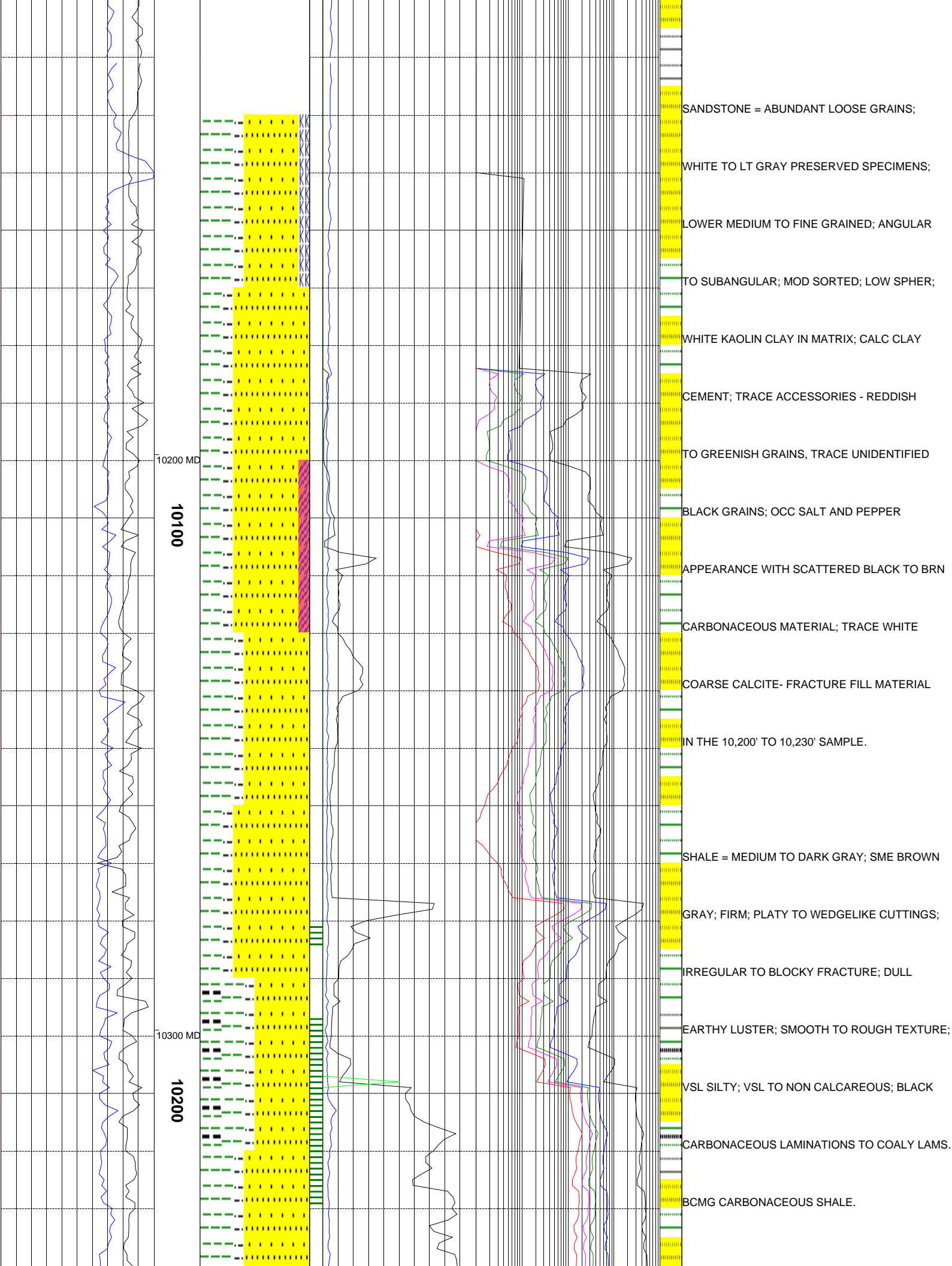


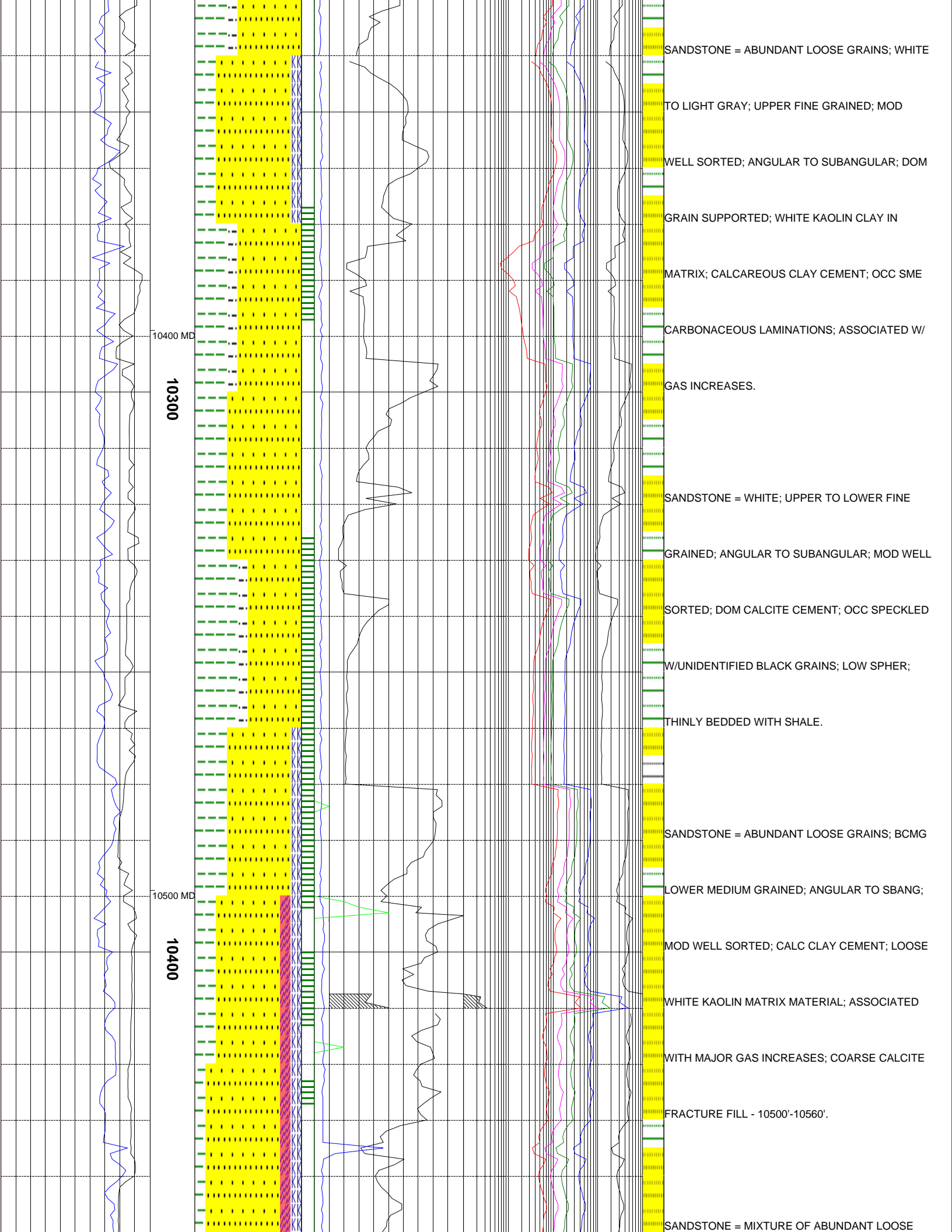


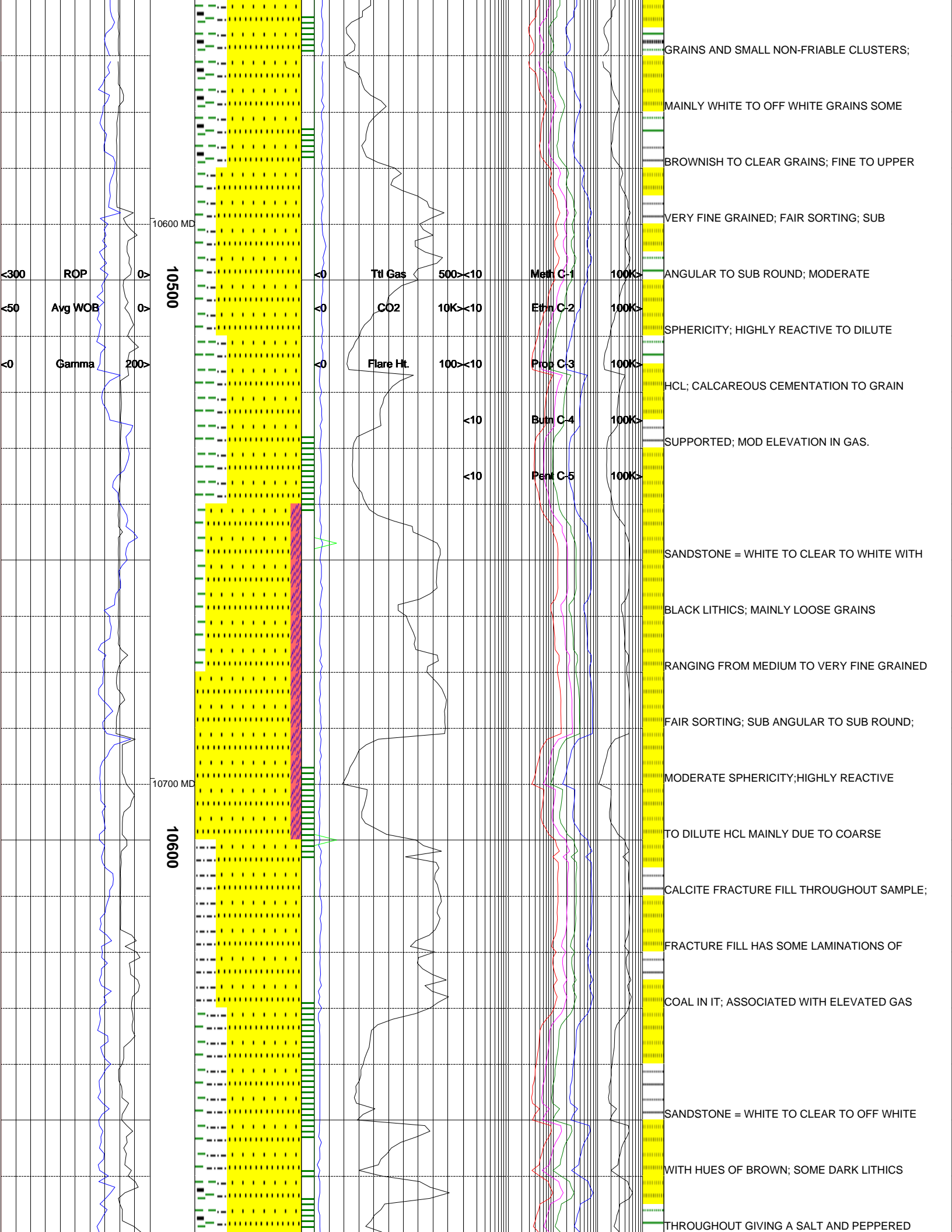


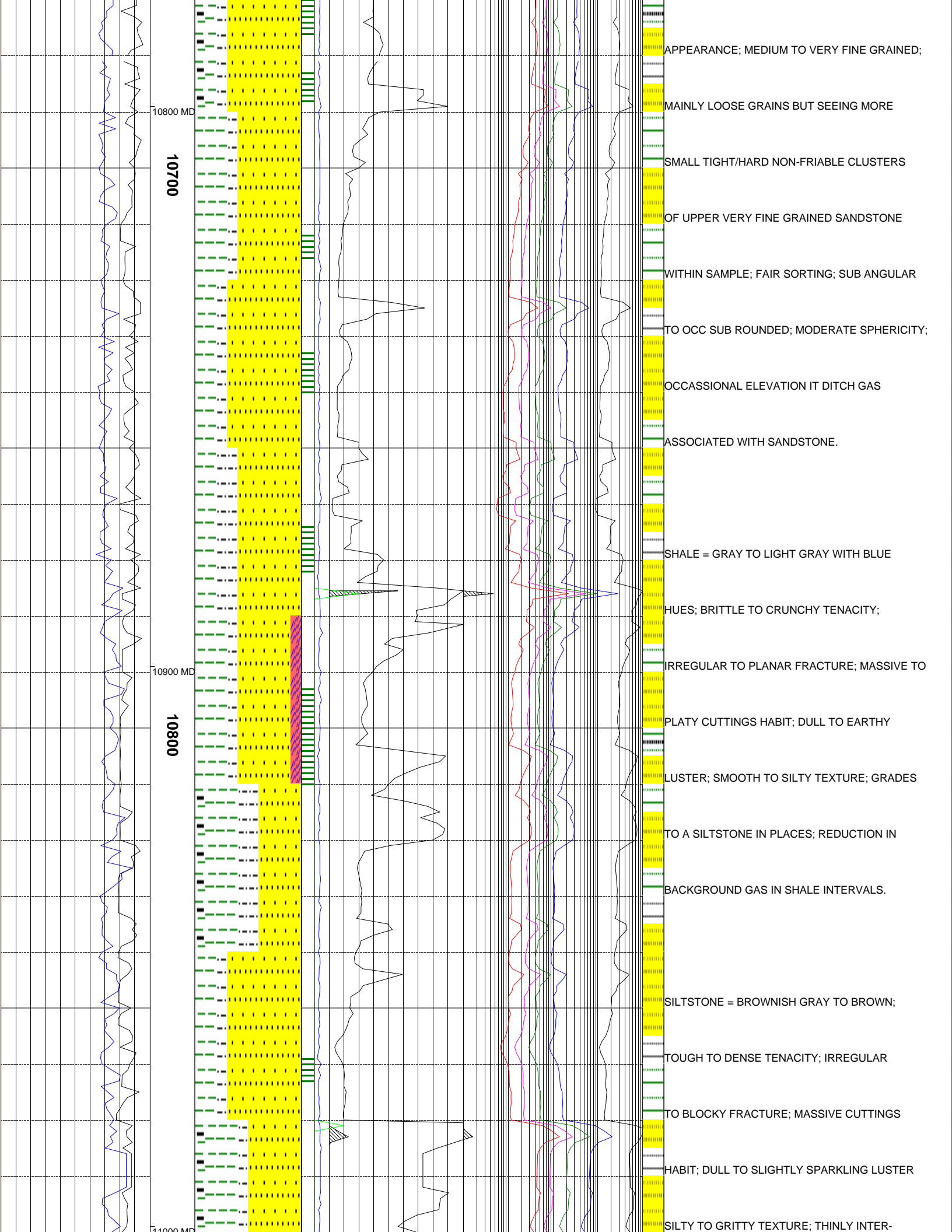


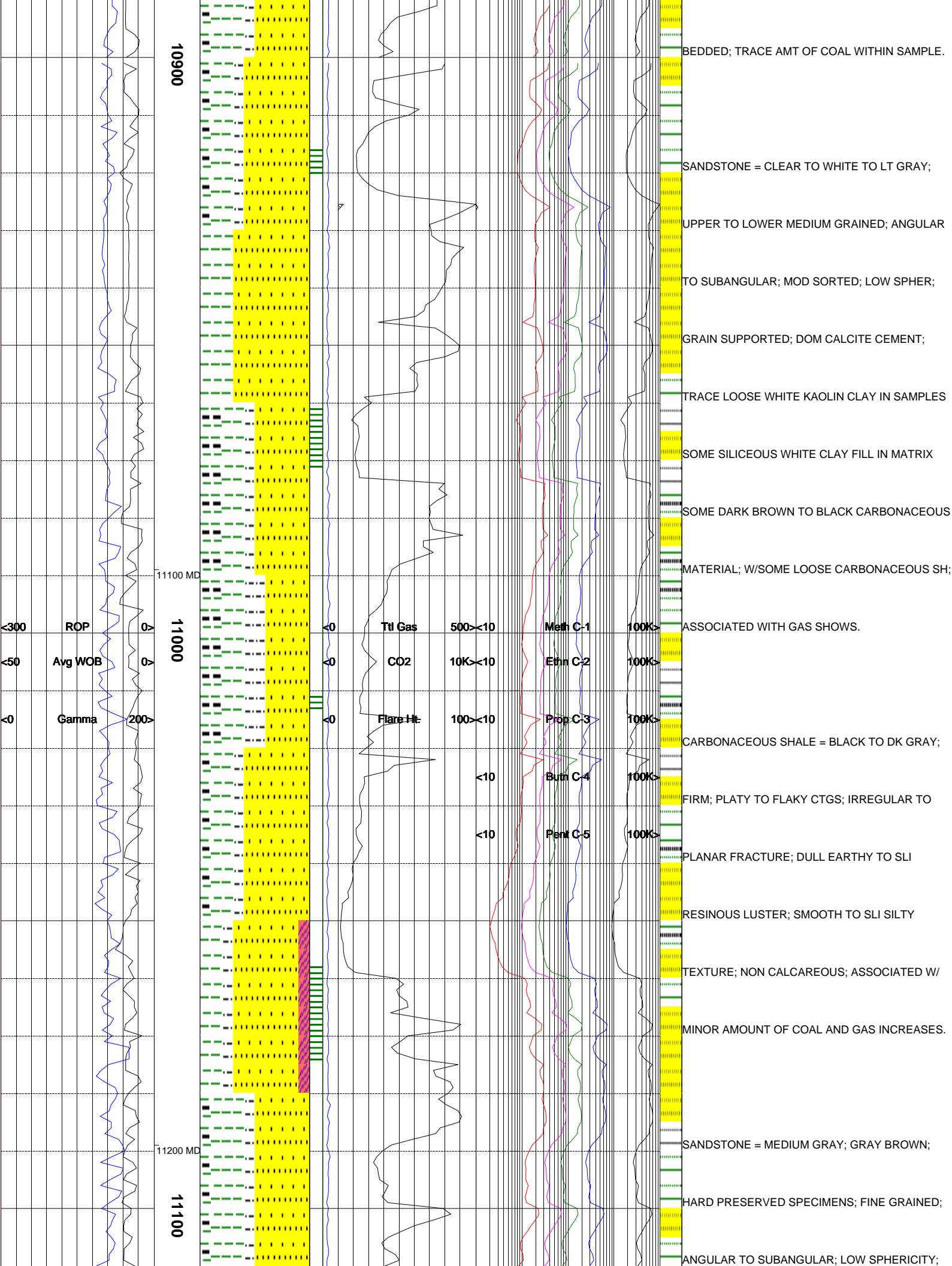


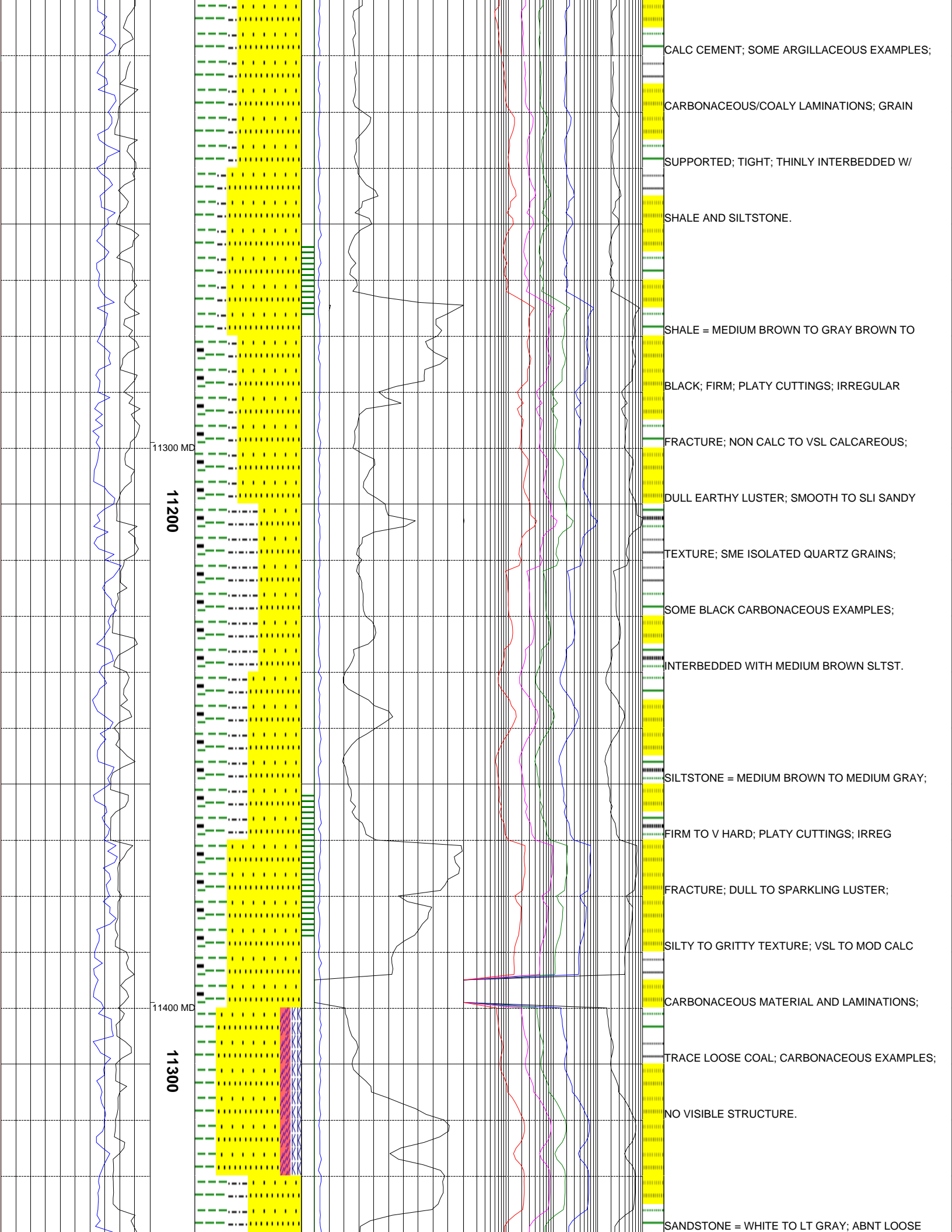


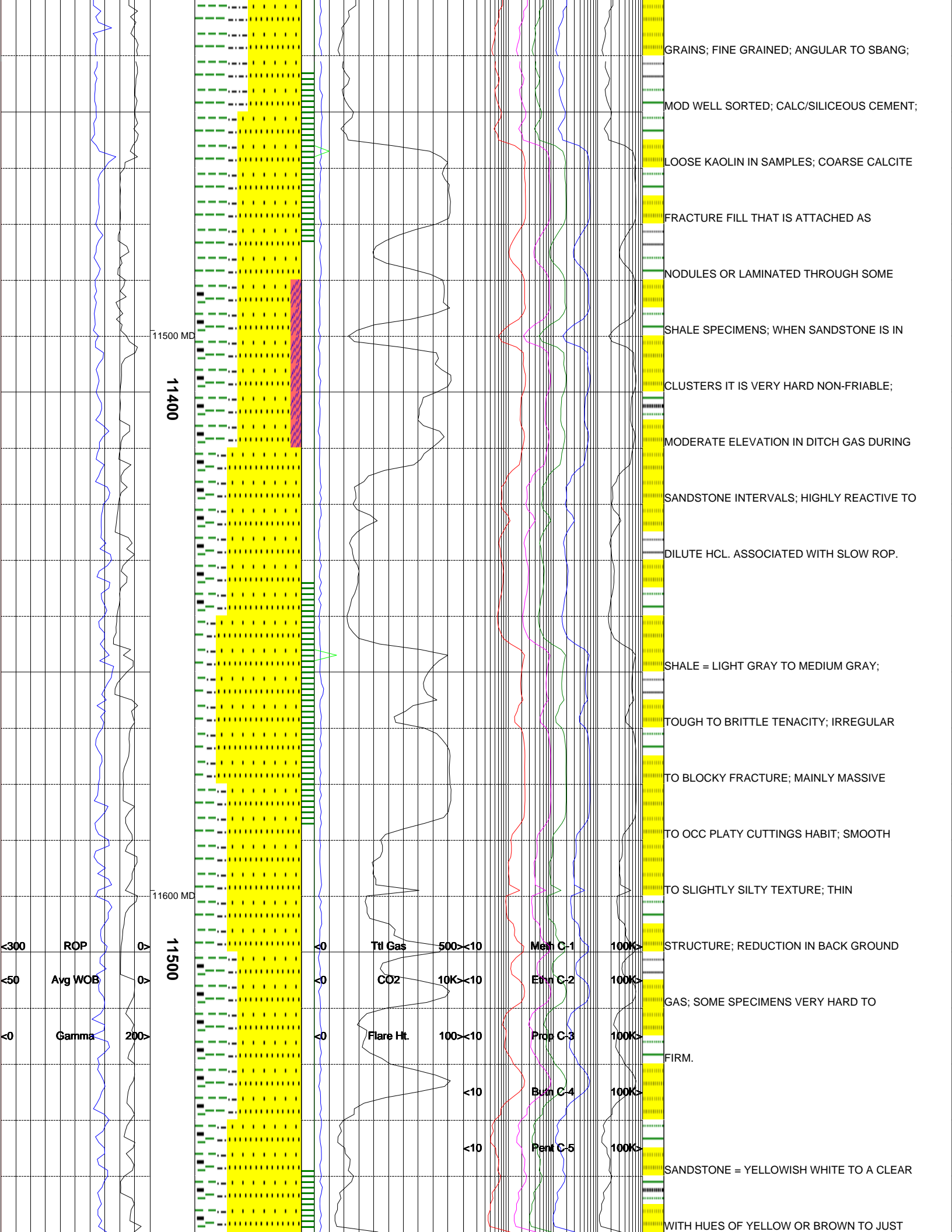


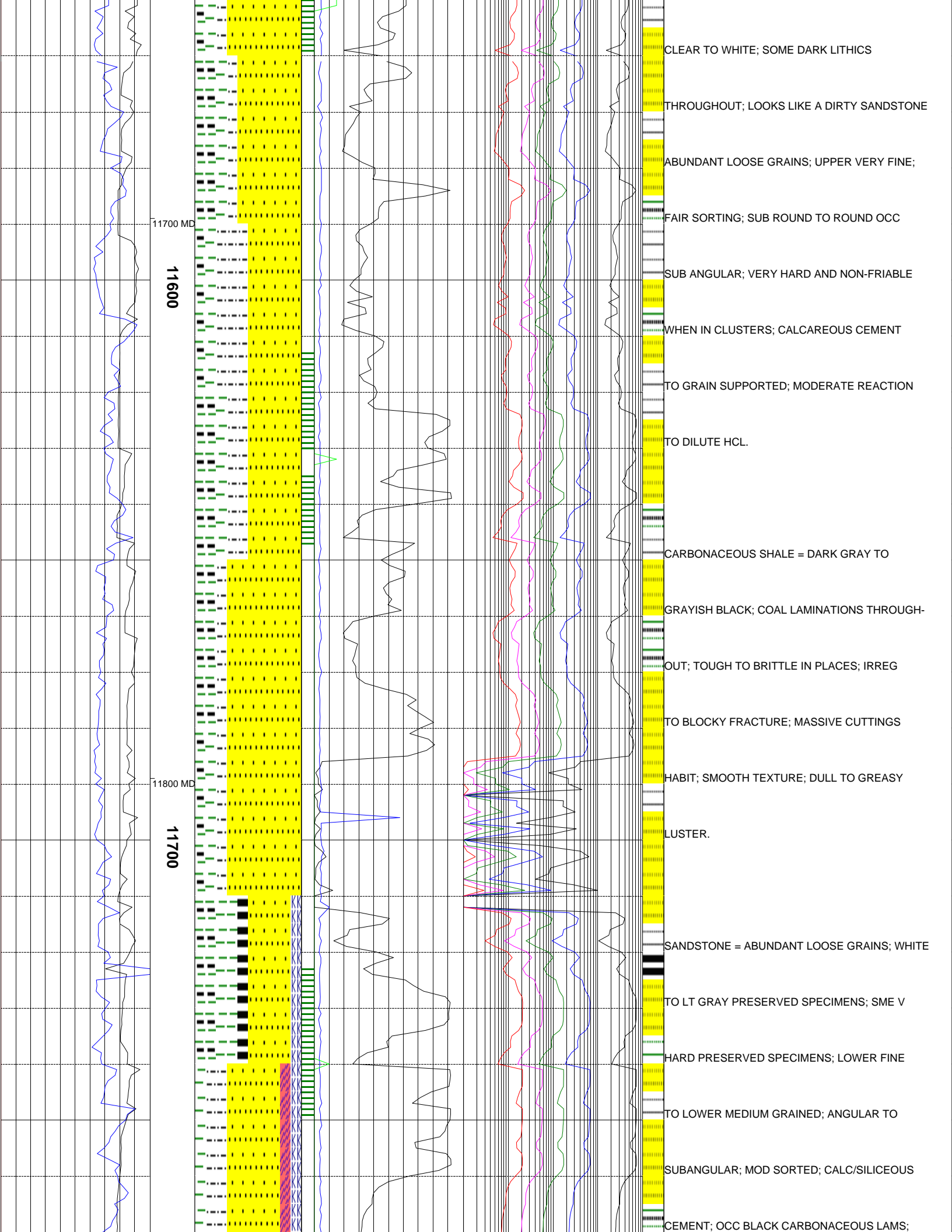


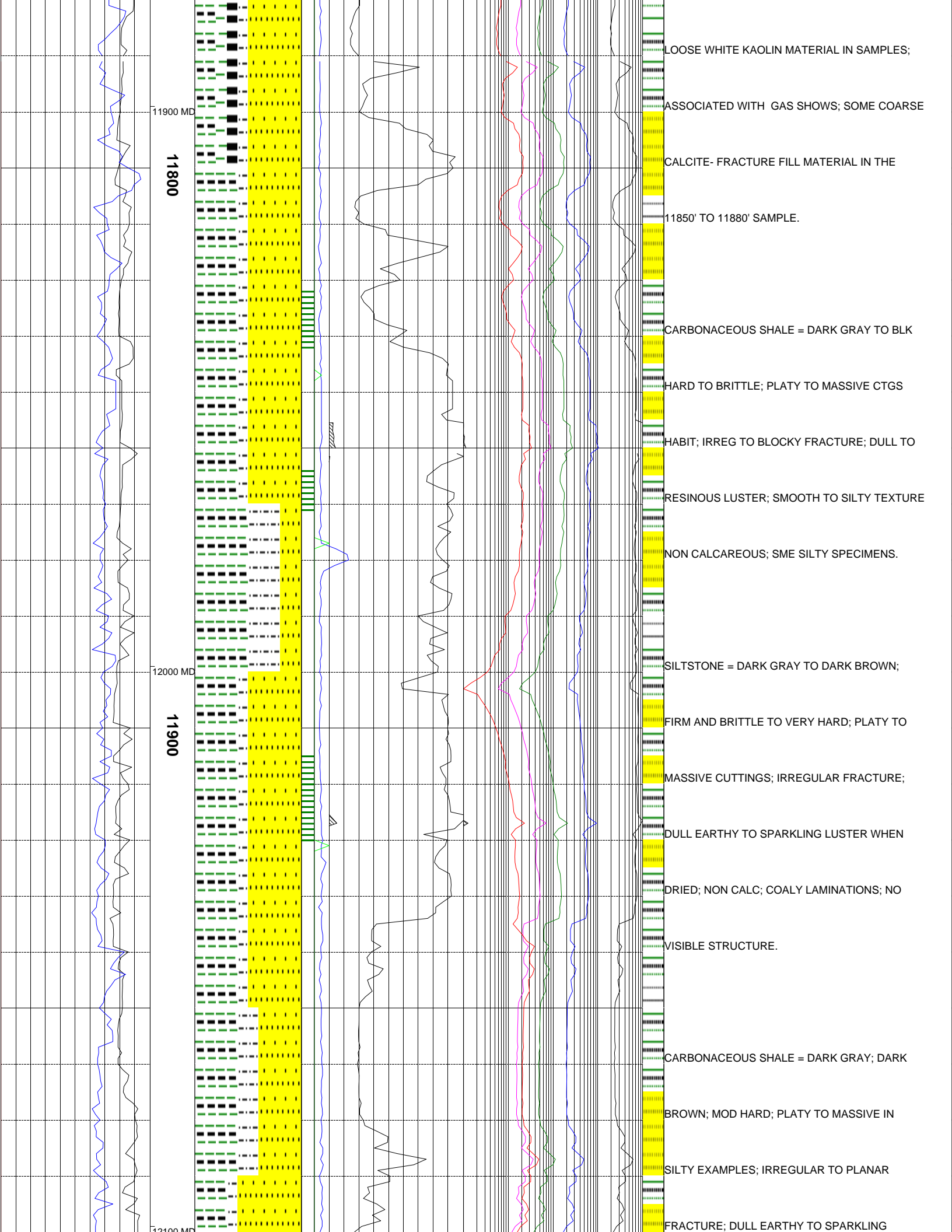


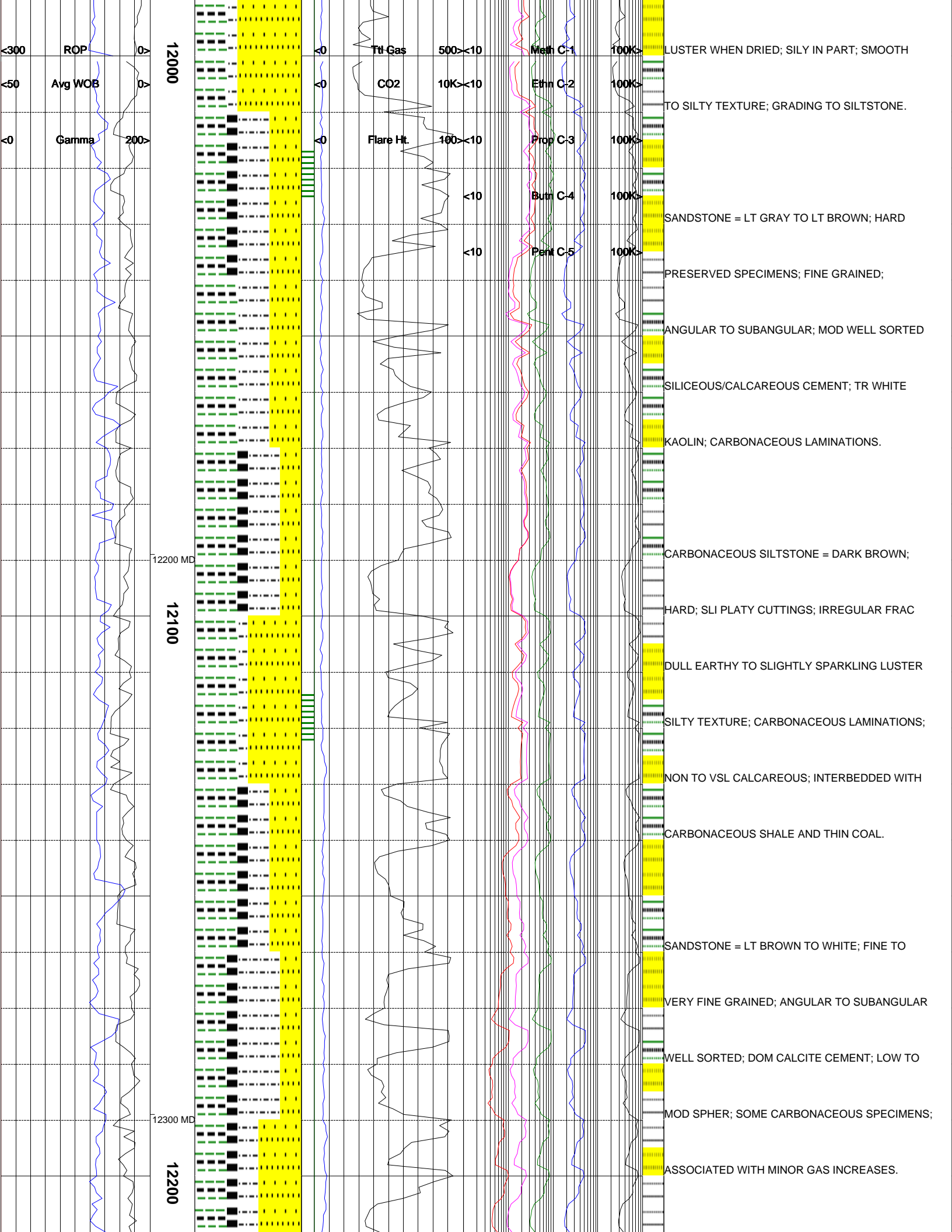


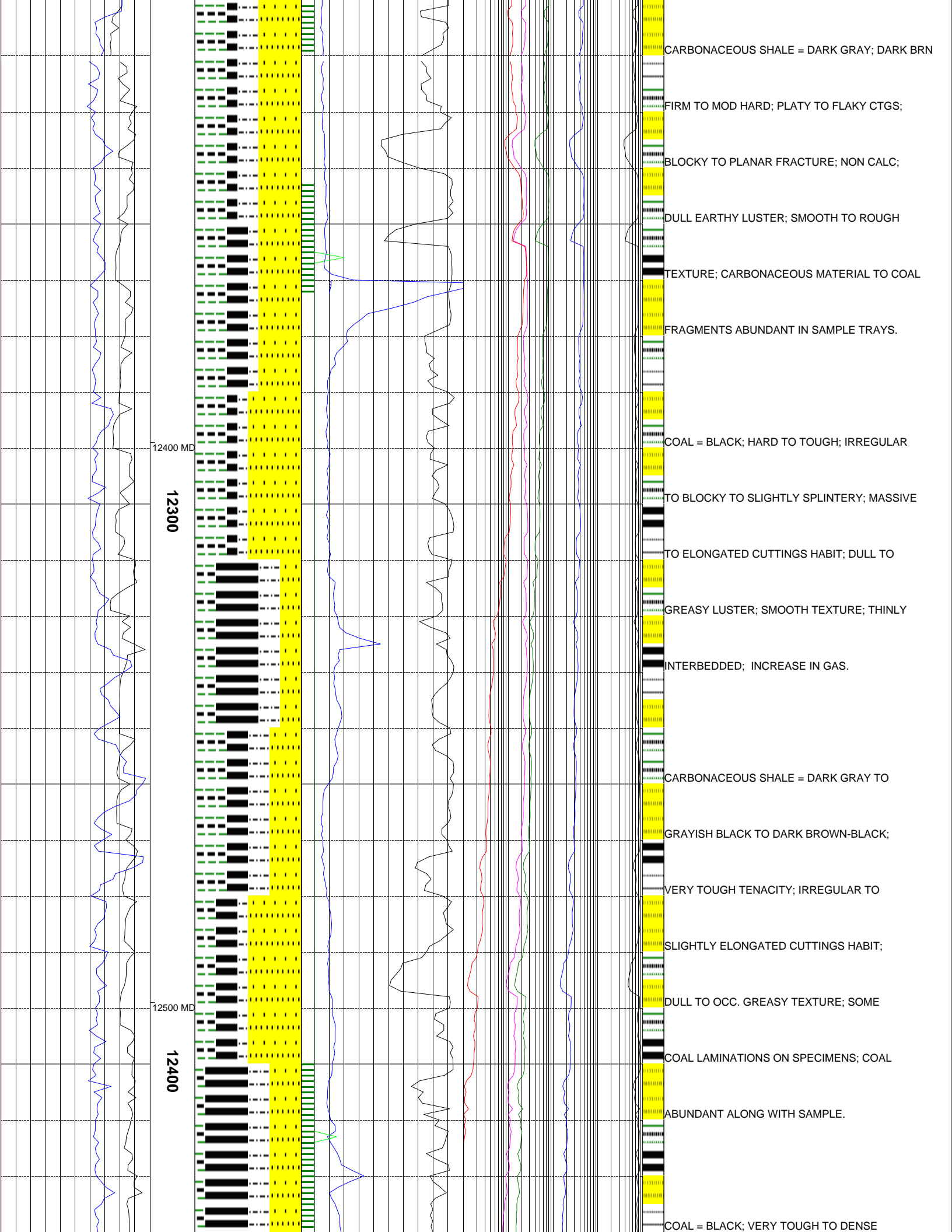


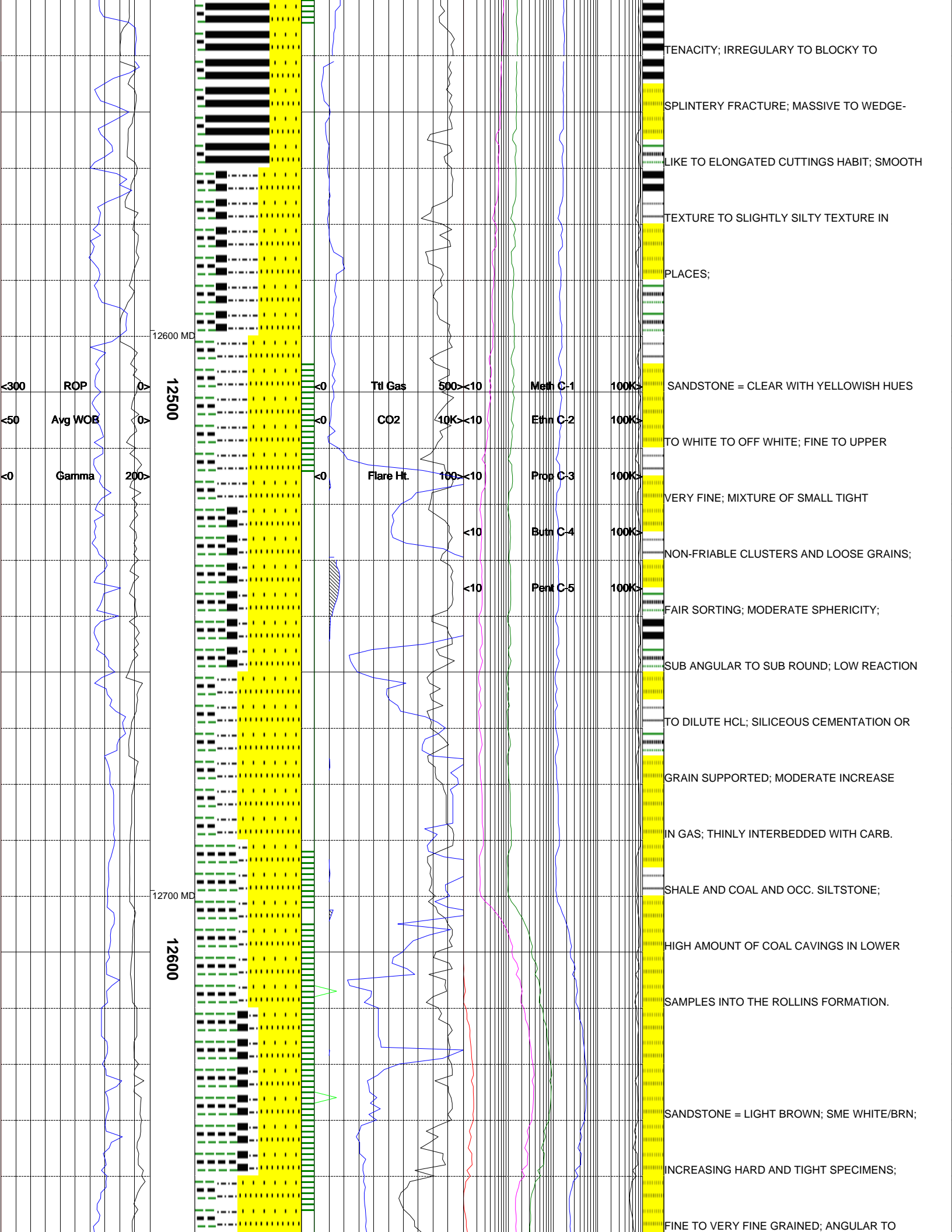


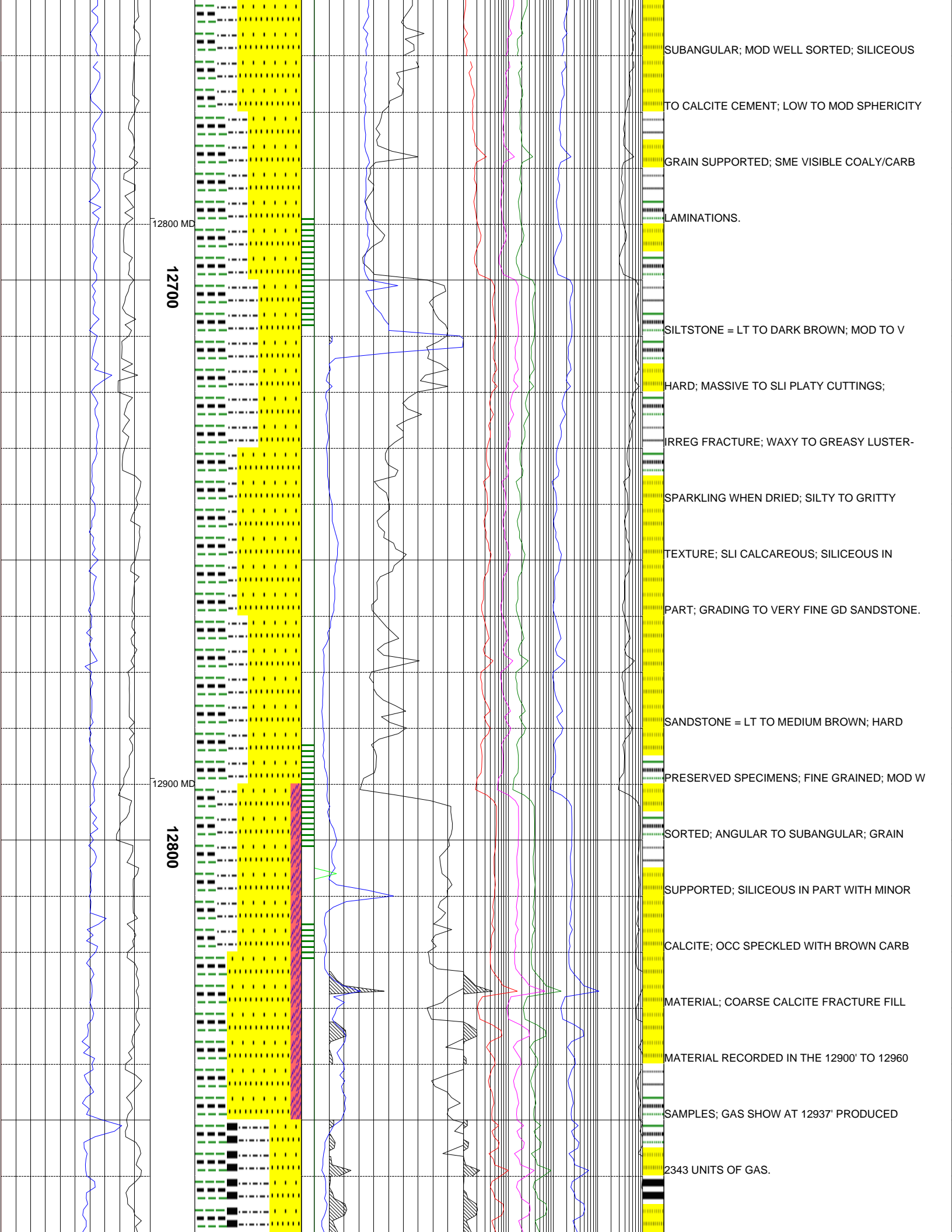


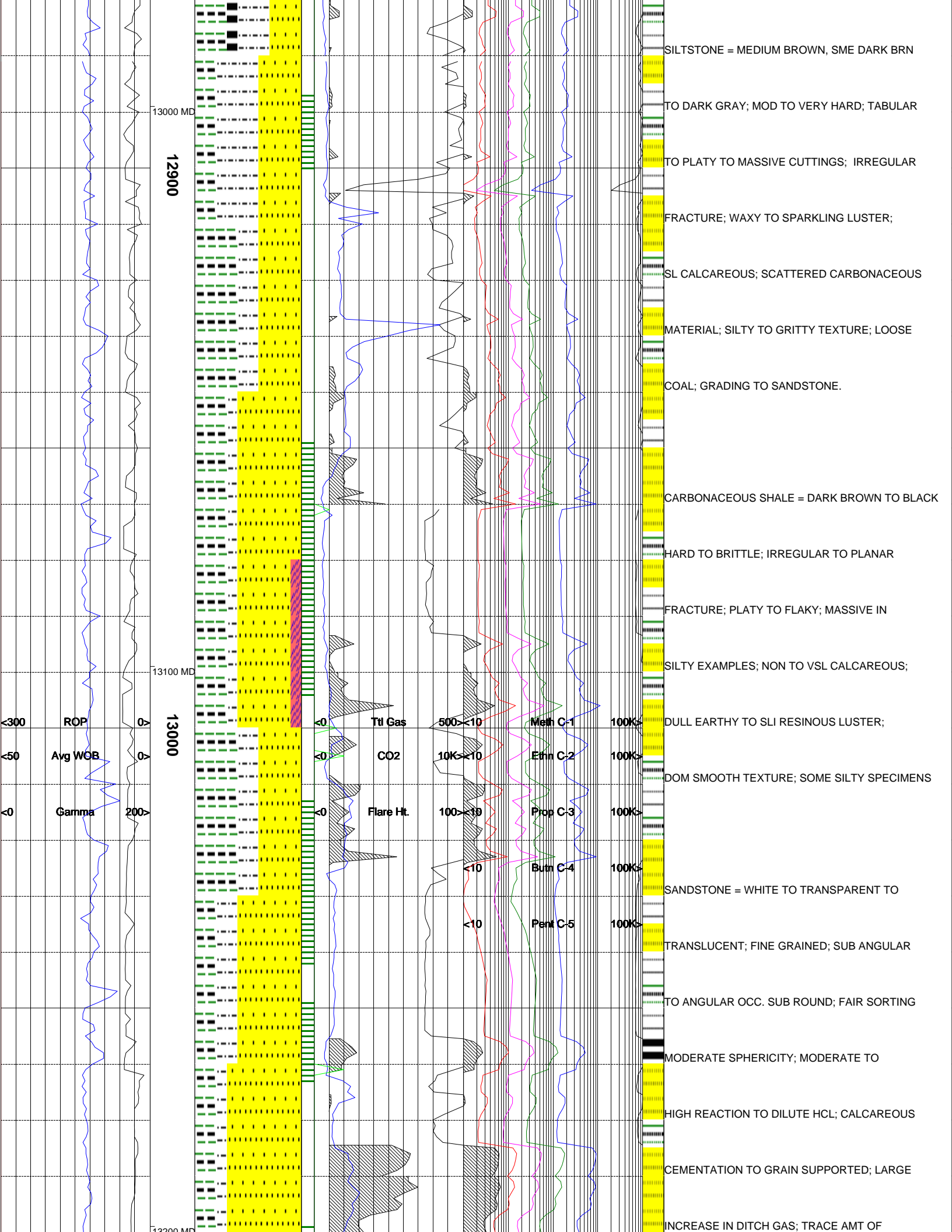


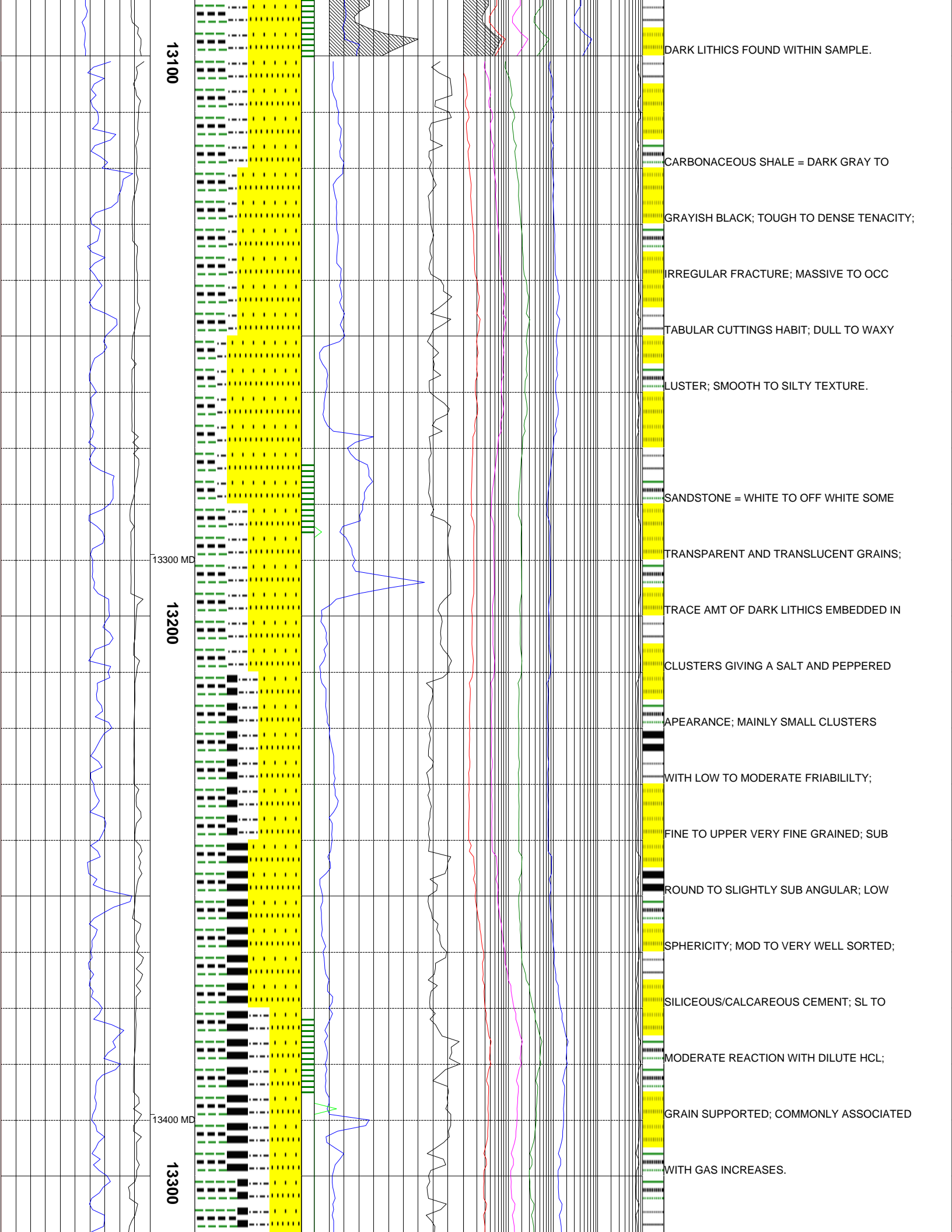


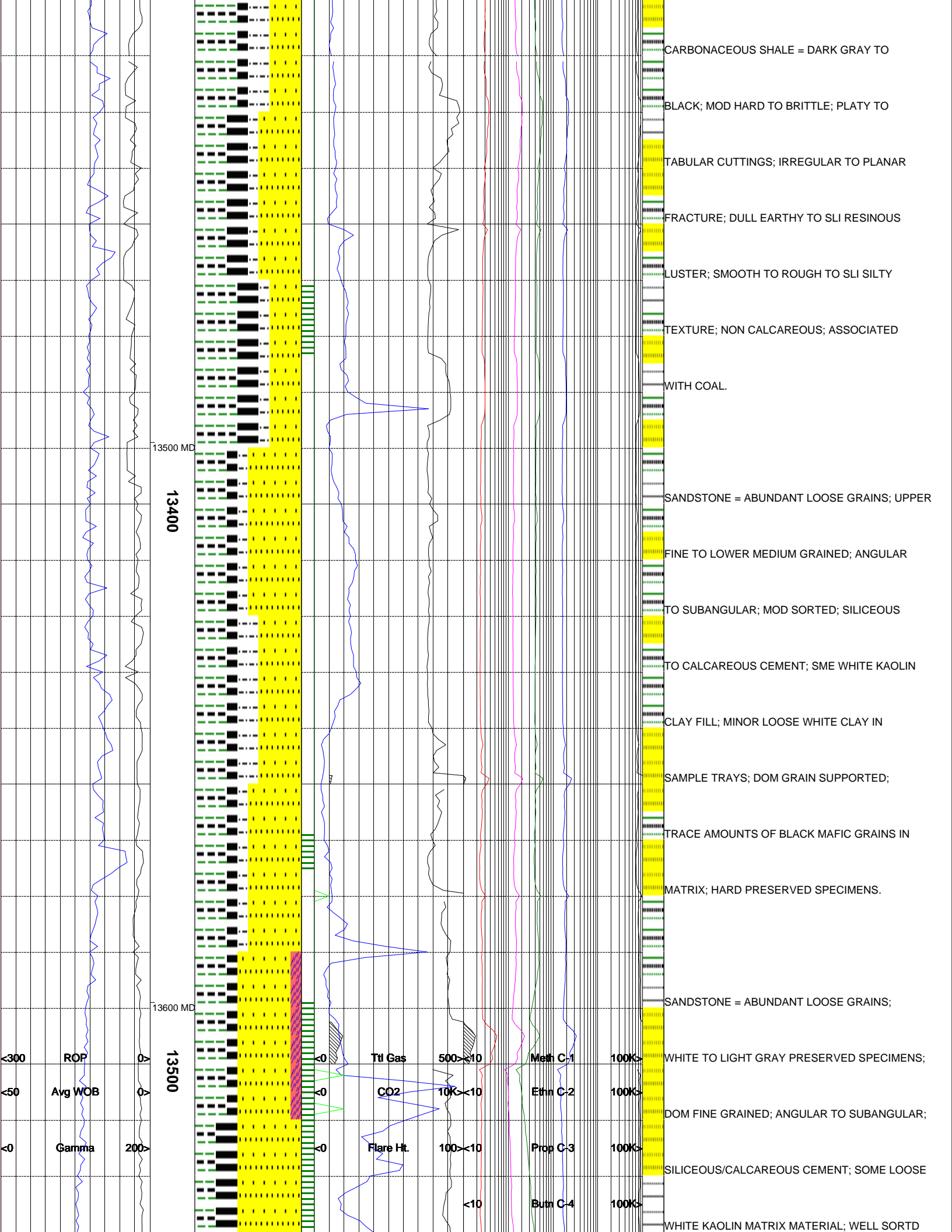


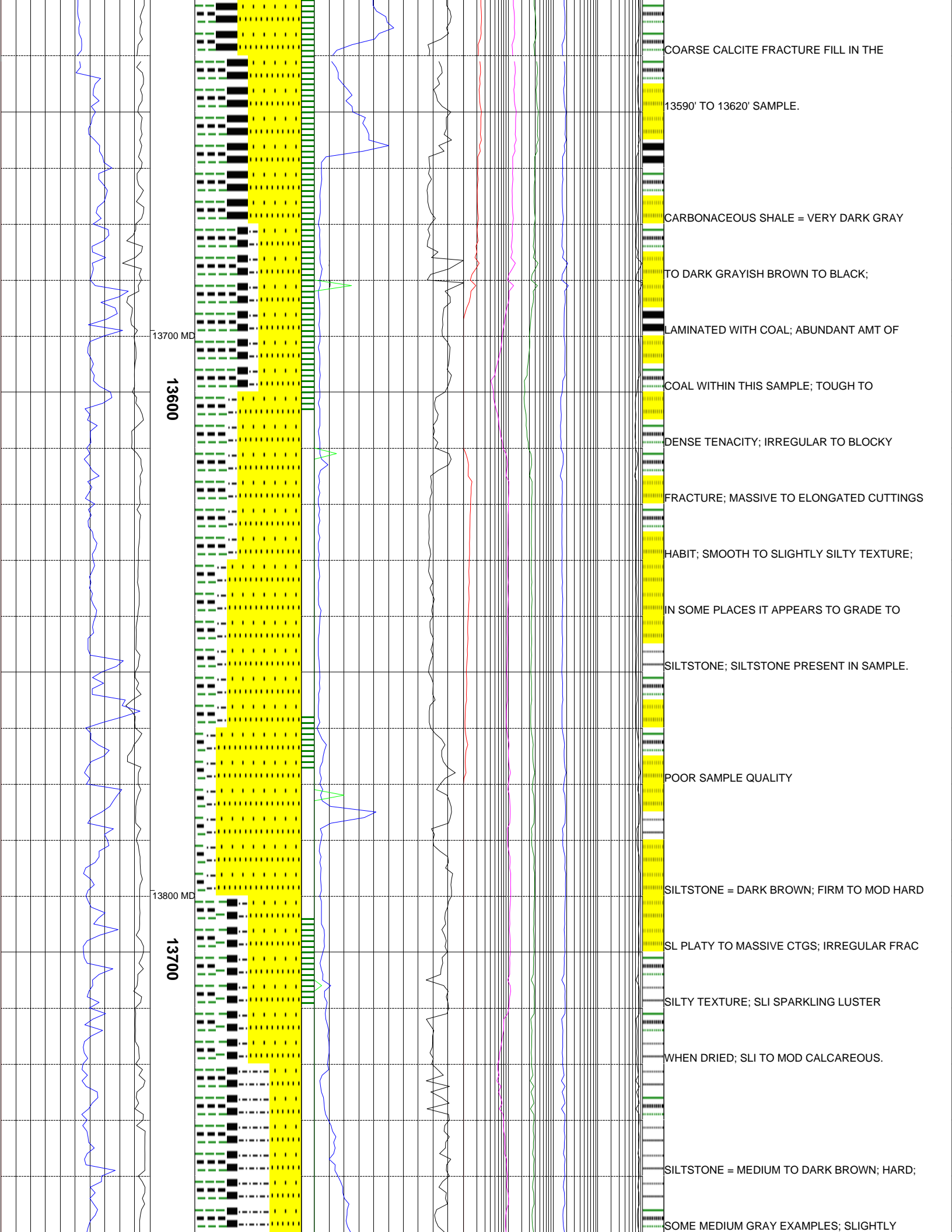


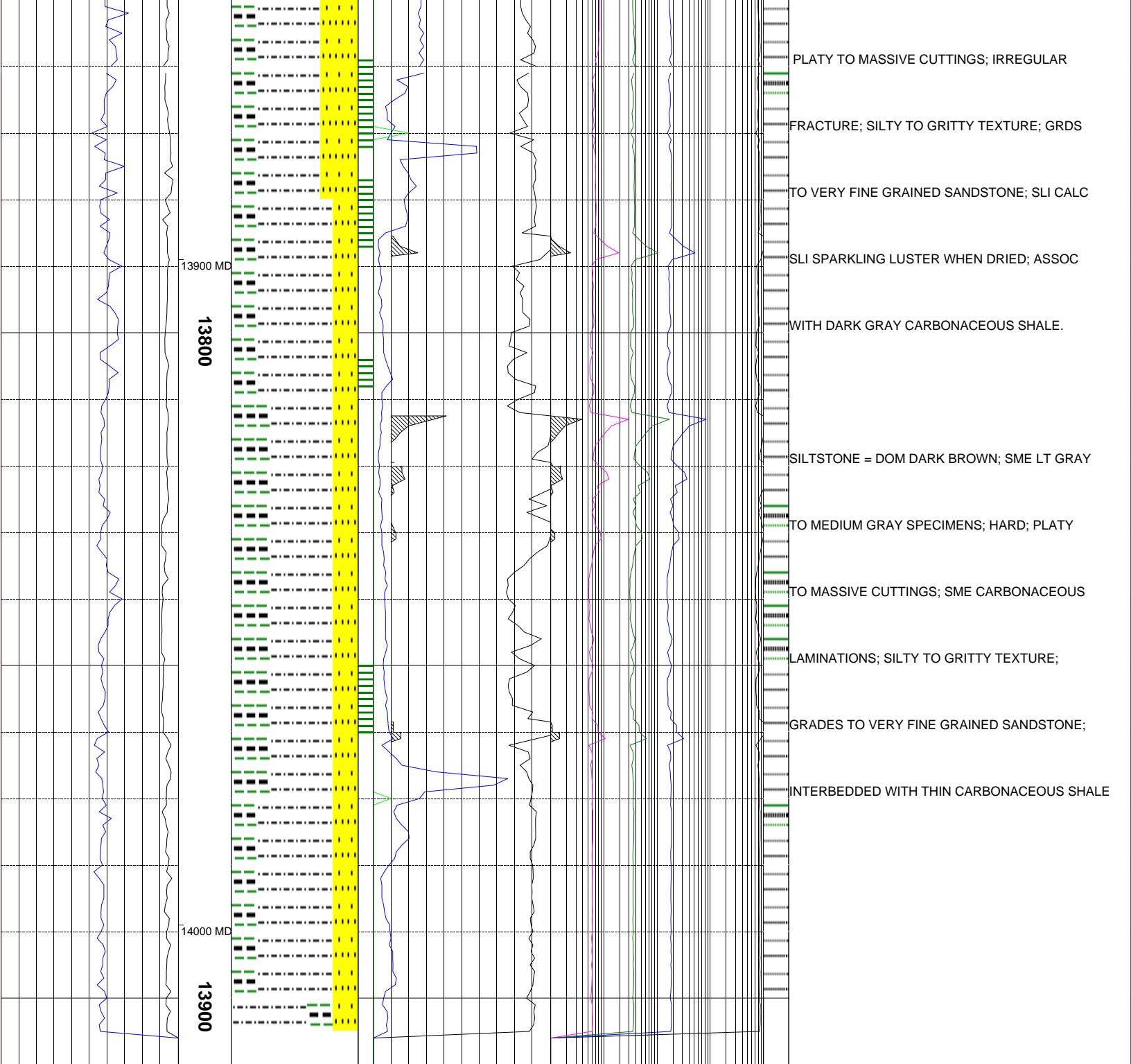












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