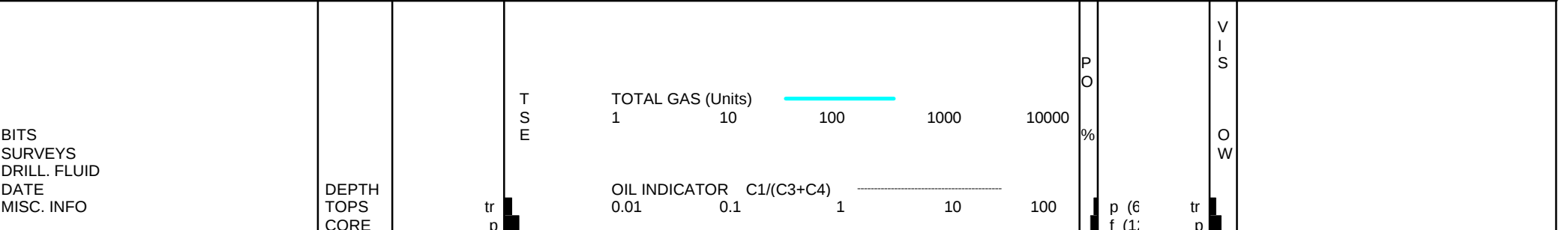
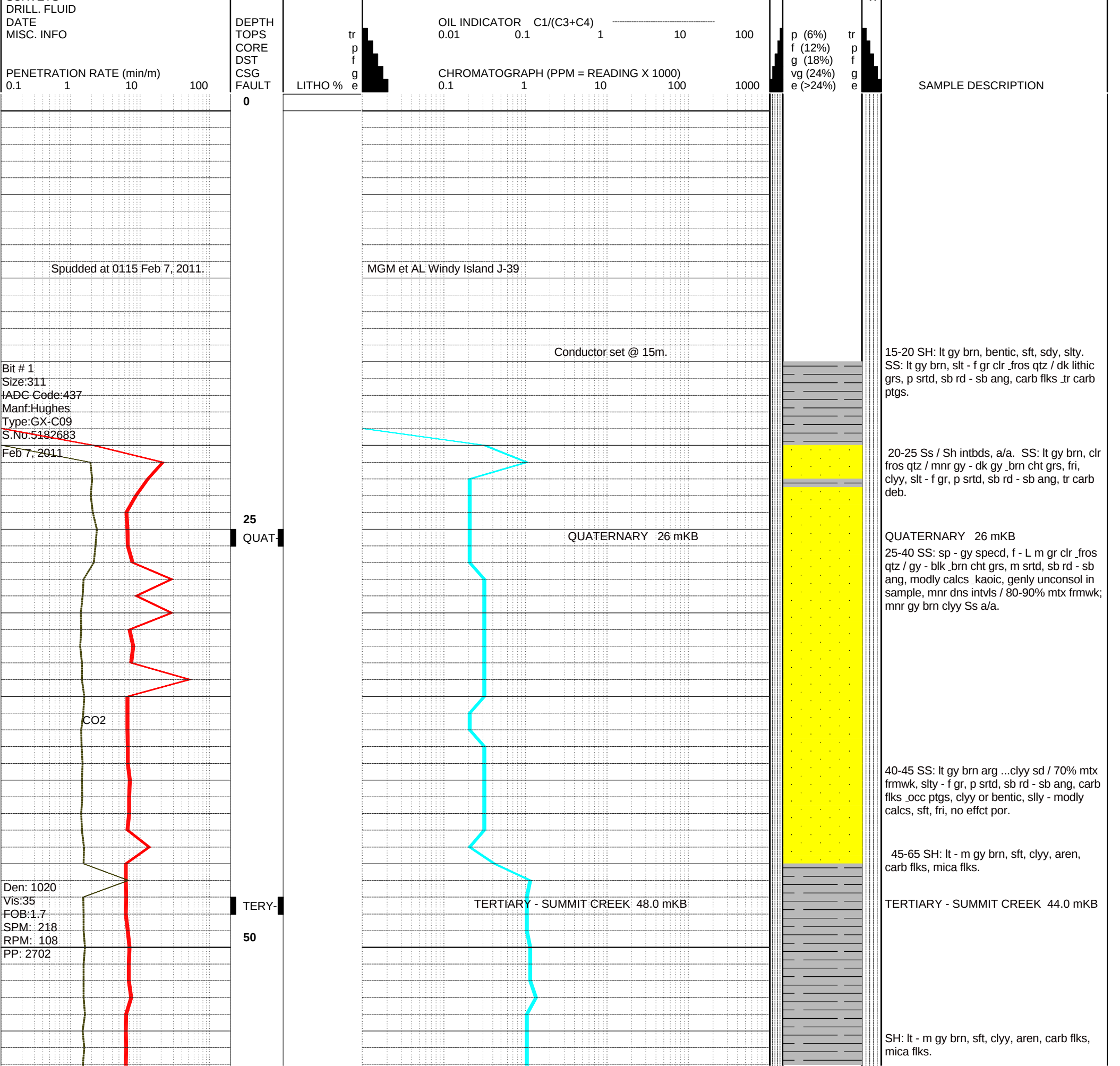


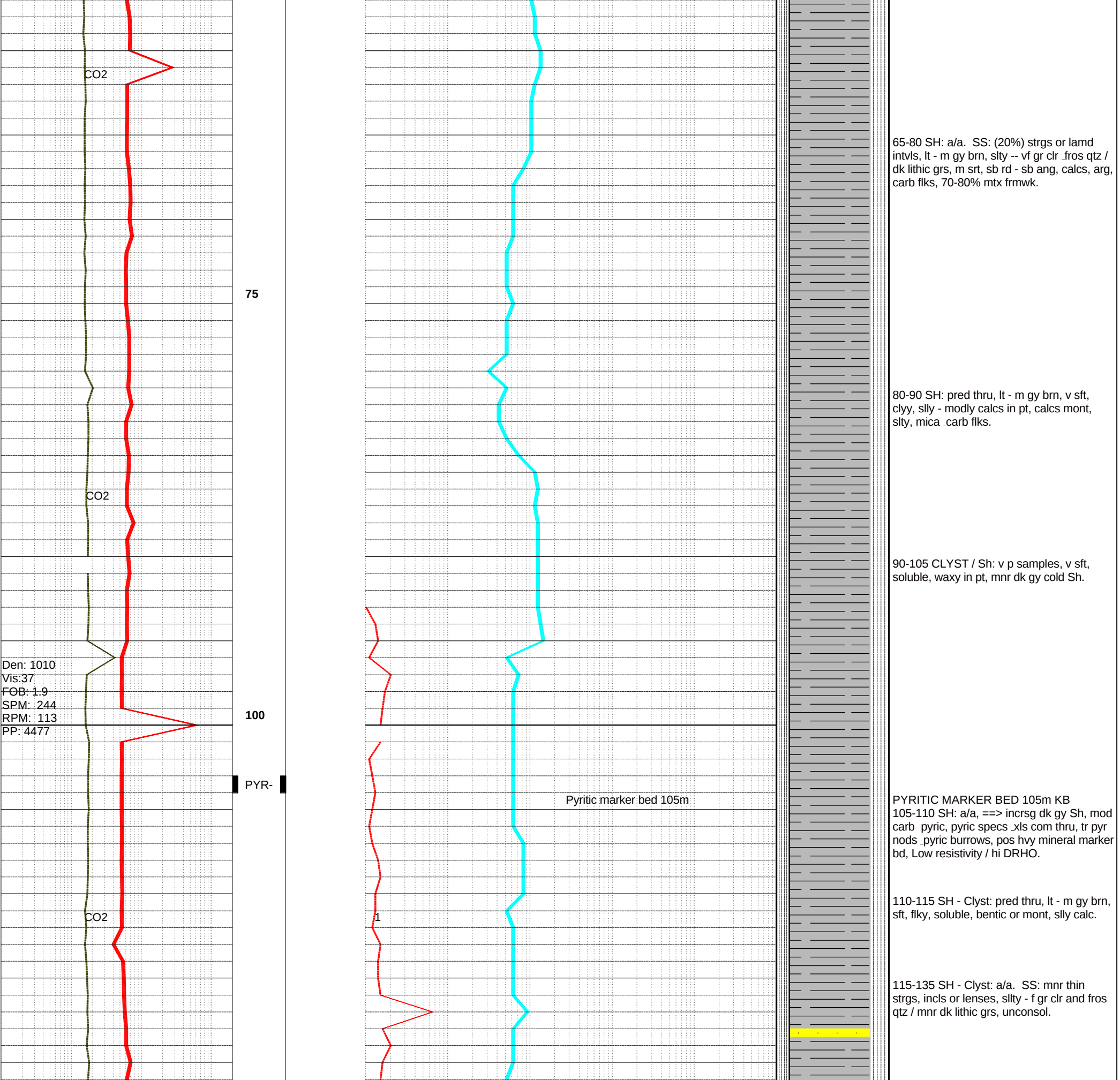


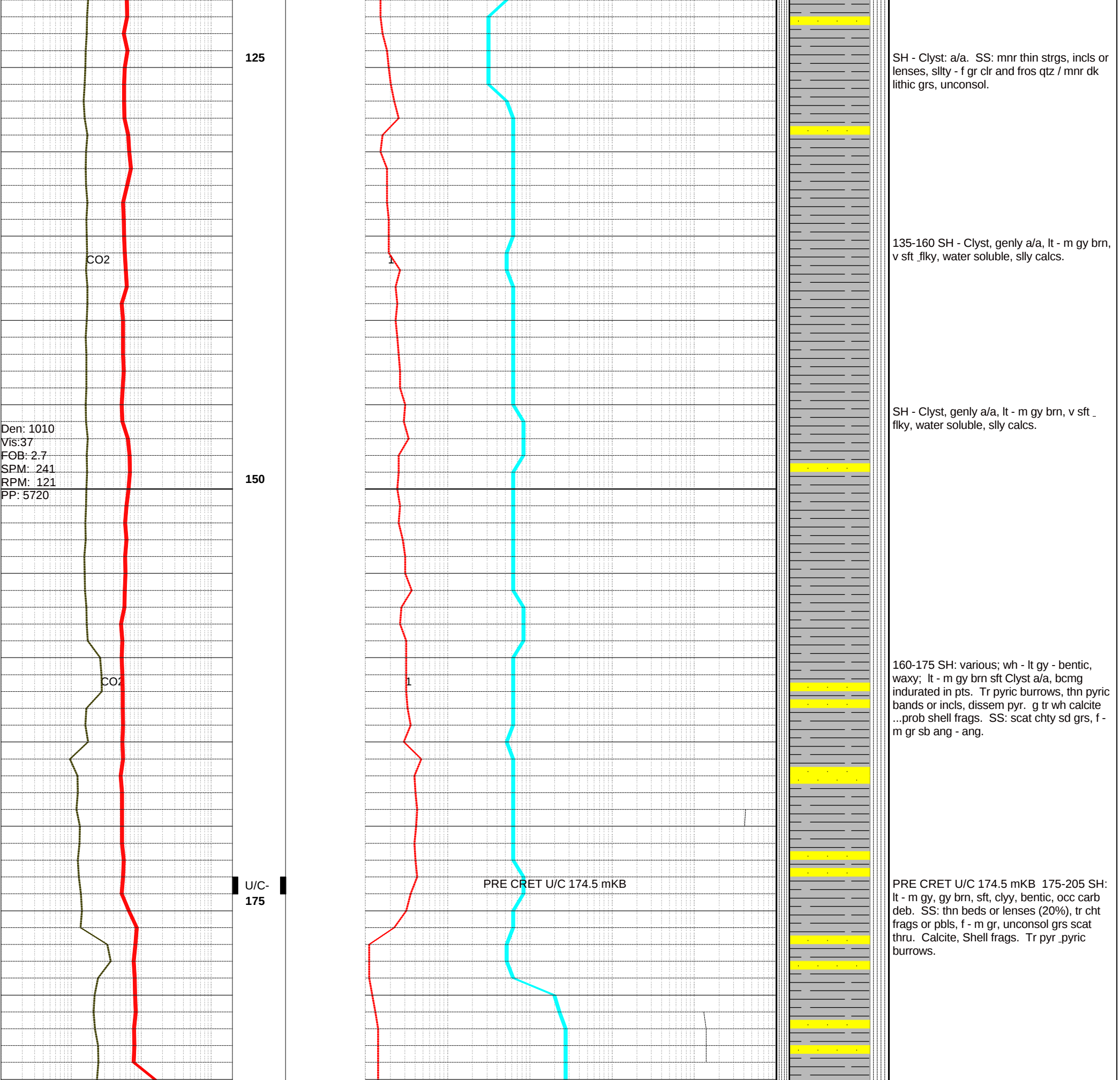
<u>WELL NAME:</u>	MGM et al WINDY ISLAND J39			
<u>LOCATION:</u>	64° 58' 42.40" N / 125° 36' 22.80" W			
<u>COMPANY:</u>	MGM ENERGY CORP.			
<u>PROVINCE:</u>	NWT	<u>FILE:</u>	17304	
<u>ELEVATION K.B.:</u>	196.15 m	<u>HOLE SIZE:</u>	311 m	from 0 m to 407 m
<u>ELEVATION G.L.:</u>	191 m		216 m	from 407 m to 1300 m
<u>LOGGING INTERVAL:</u>	01 m to 1300 m			
<u>LOGGING DATES:</u>	3/ 2/2011 to 22/ 2/2011	<u>MUD SYSTI</u>	Gel Chem from: 1 m to: 1300 m	
<u>PERSONNEL:</u>	I. Malik, M. Moussaoui			
<u>INSTRUMENTATION:</u>	MP2300, Chromat			

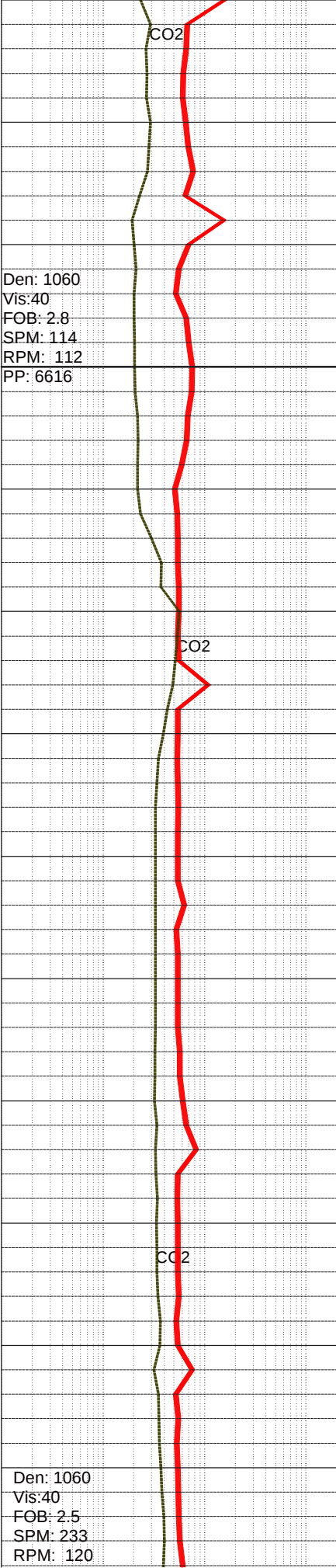
ALL LITHOLOGIC SYMBOLS ARE CANSTRAT COMPATIBLE





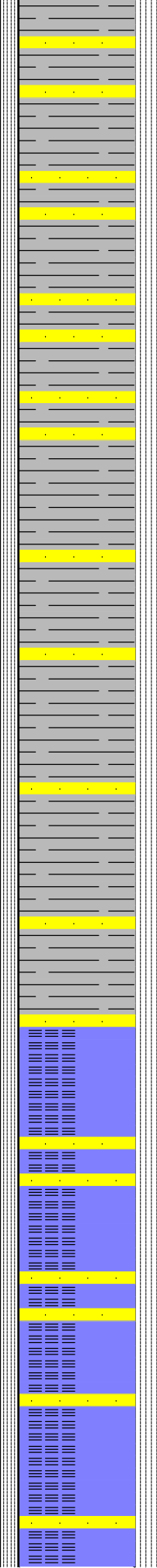
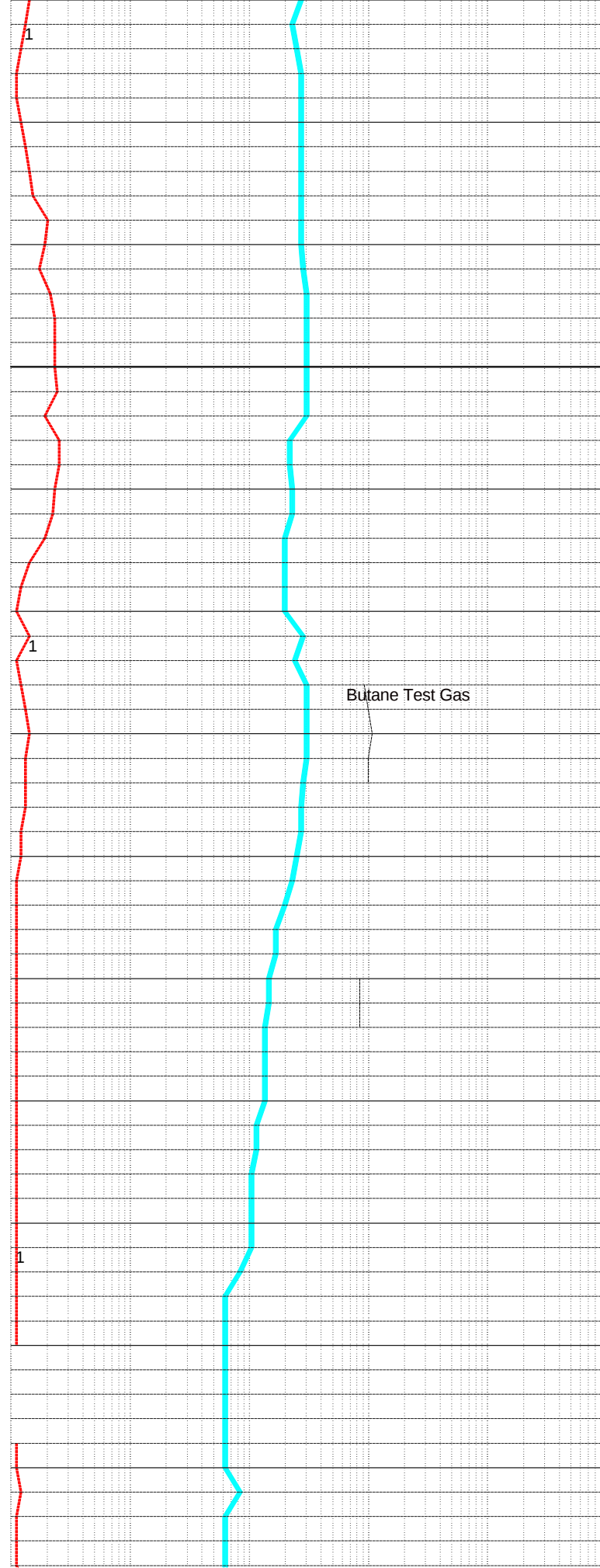






200

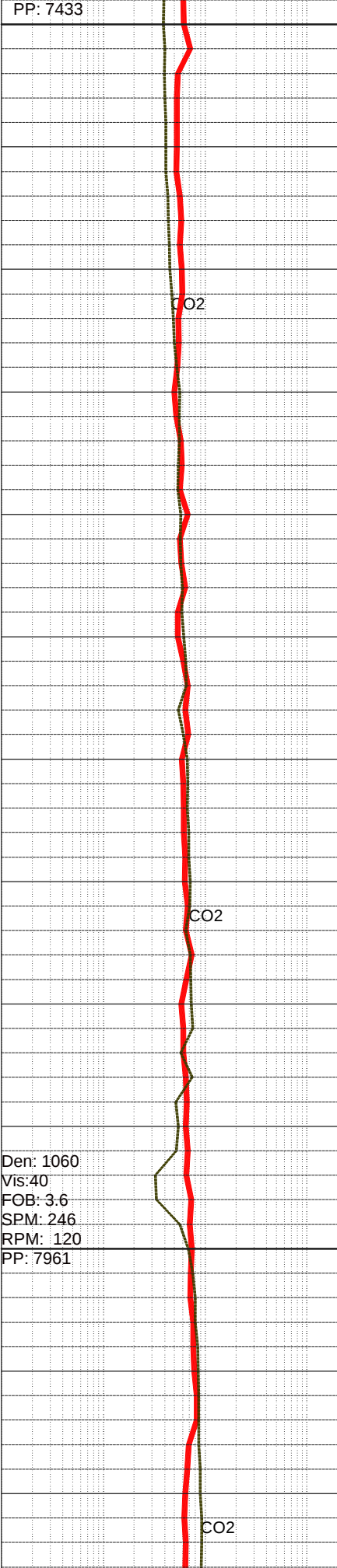
225



205-215 SH: genly a/a, incrsg ==> dk gy - blk carb Sh, slty, modly pyric. Tr COAL, occ thn coaly ptgs. SS: occ scat sd grs.

215-225 SH: various; wh - lt gy, sft, waxy, bentic; lt - m gy brn sft, clyy, soluble, slty calcs,; dk gy carb Sh / pyr specs .s xls. SS: strgs, thn beds, (20-30%), unconsol f - m clr fros qtz / gy - blk .brn cht grs, sb ang - ang, m srt, ? cly content.

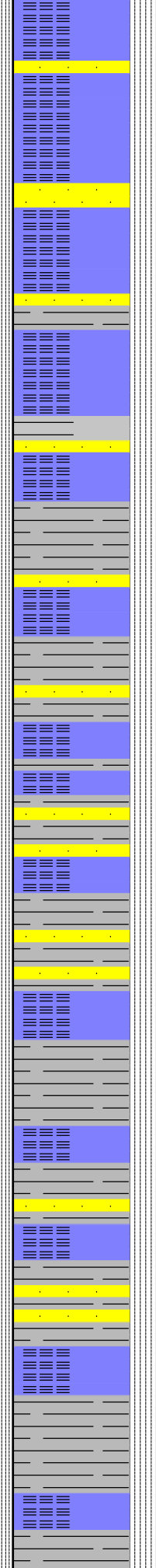
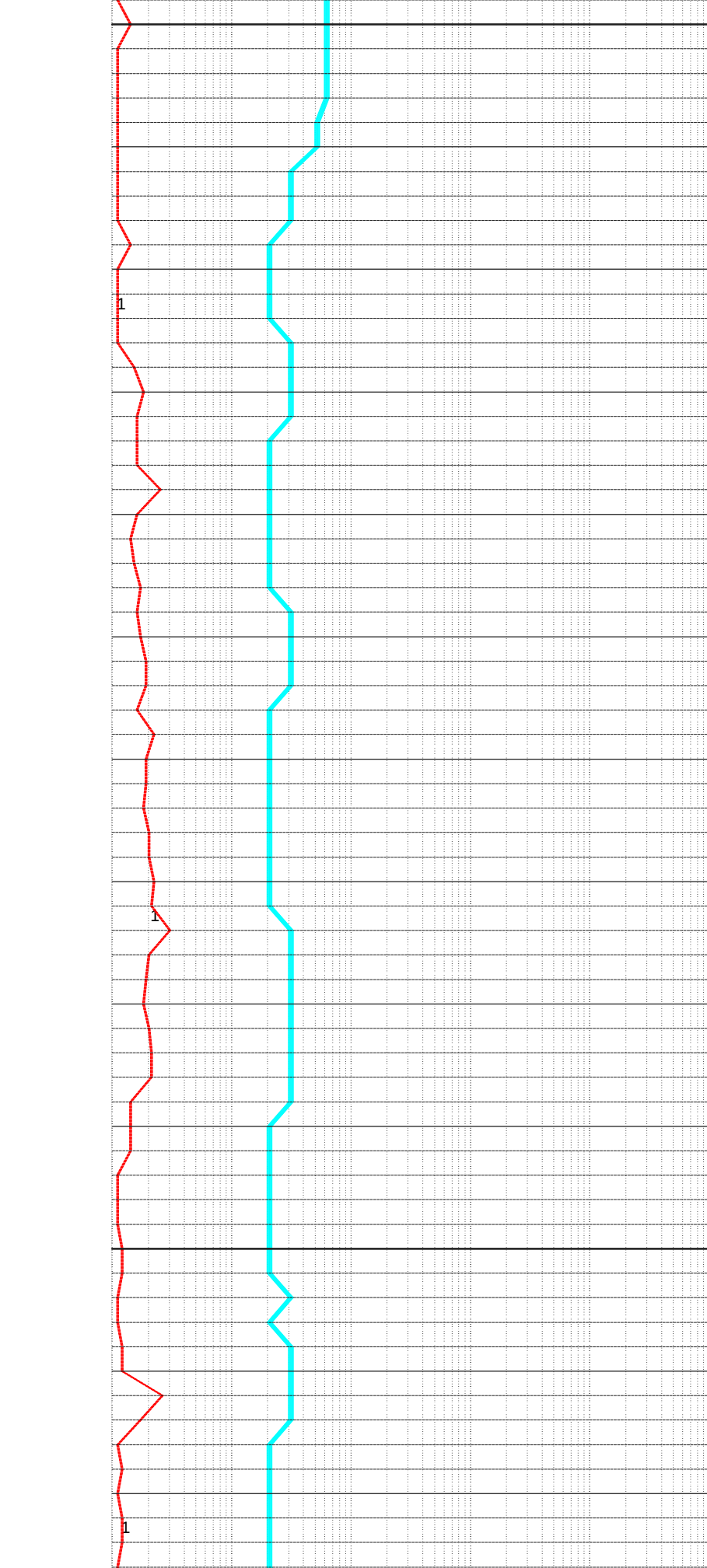
225-250 SH, Clyst: ==> incrsg gy brn Clyst, sft clyy, soluble. SS: strgs, lenses or lams, (20%), scat slty - f gr, sd grs, py srt, sb rd, occ m gr clr qtz sb rd - ang, tr conodonts, ? cly content.



250

275

300



250-260 SH, Clyst: a/a. SS: strgs, thn beds, (20-30%), chty, vf - m gr clr .fros qtz / dk cht grs, p srt, sb rd - sb ang, unconsol, occ dk cht pbls, ? cly content.

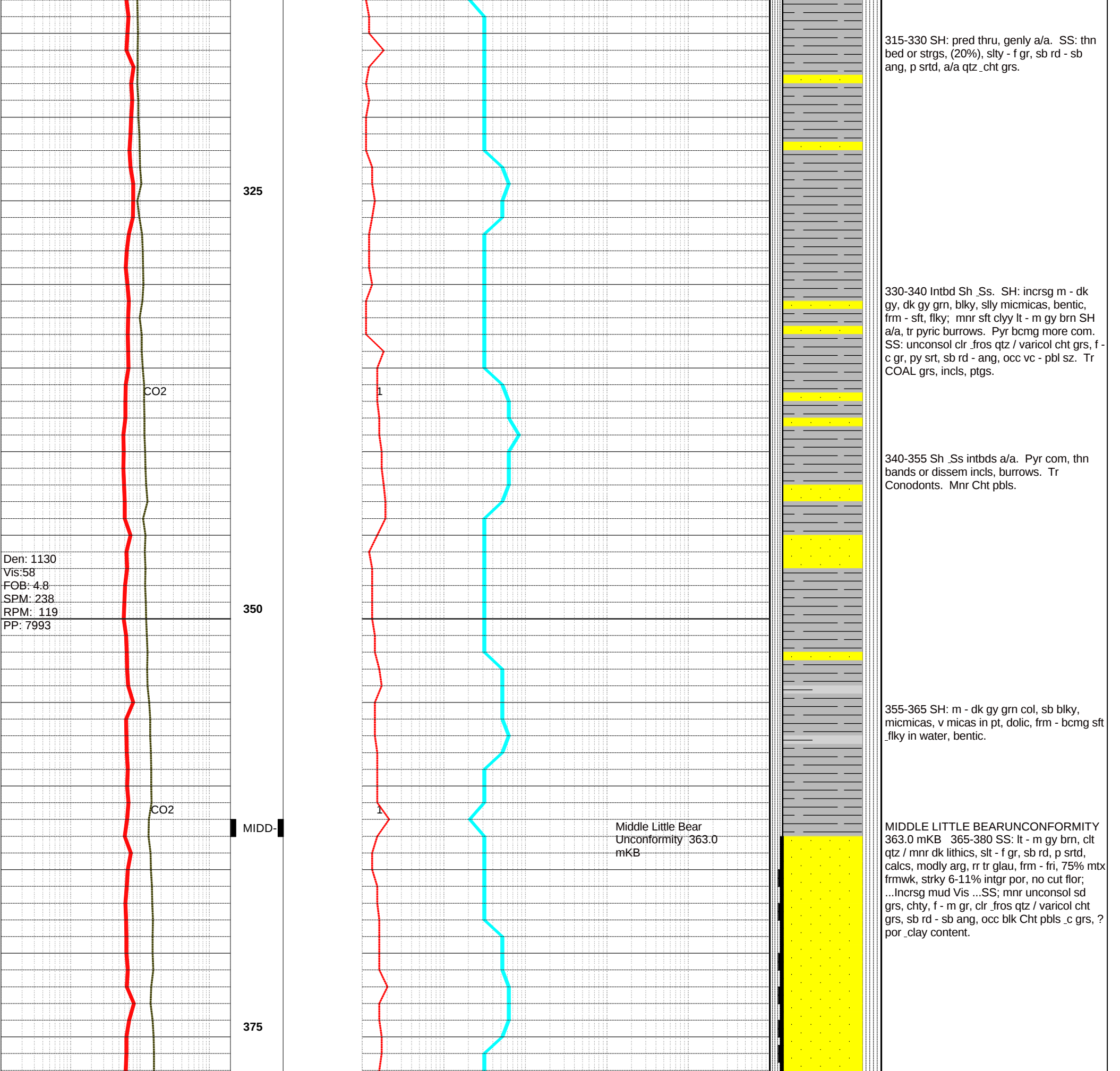
260-280 SH, Clyst: ==> incrs, genly a/a, lt - m gy brn, sft, clyy, occ thn slty incl or lams. SS: occ lams, a/a, slty - f gr.

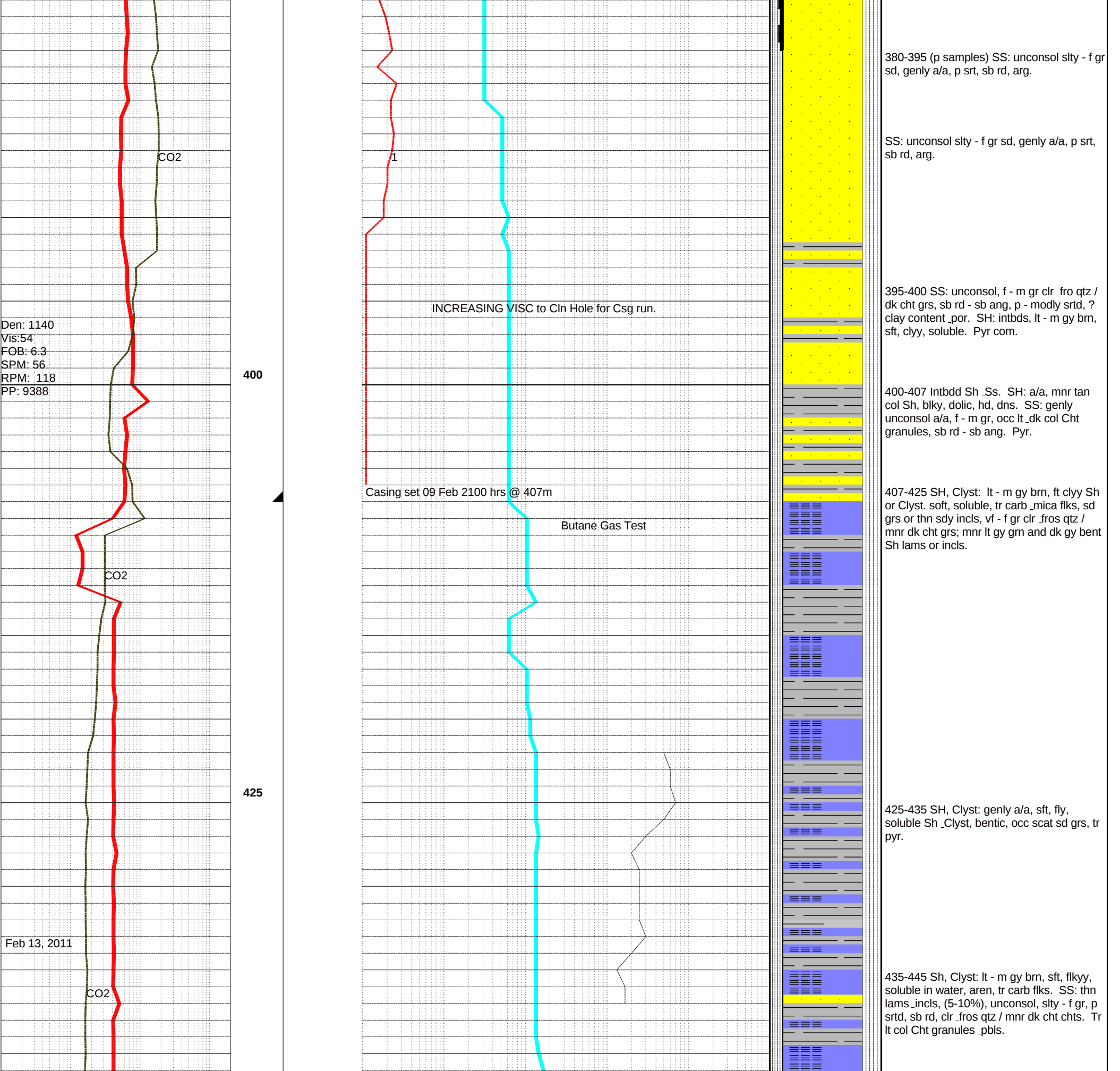
SH, Clyst: ==> incrs, genly a/a, lt - m gy brn, sft, clyy, occ thn slty incl or lams. SS: occ lams, a/a, slty - f gr.

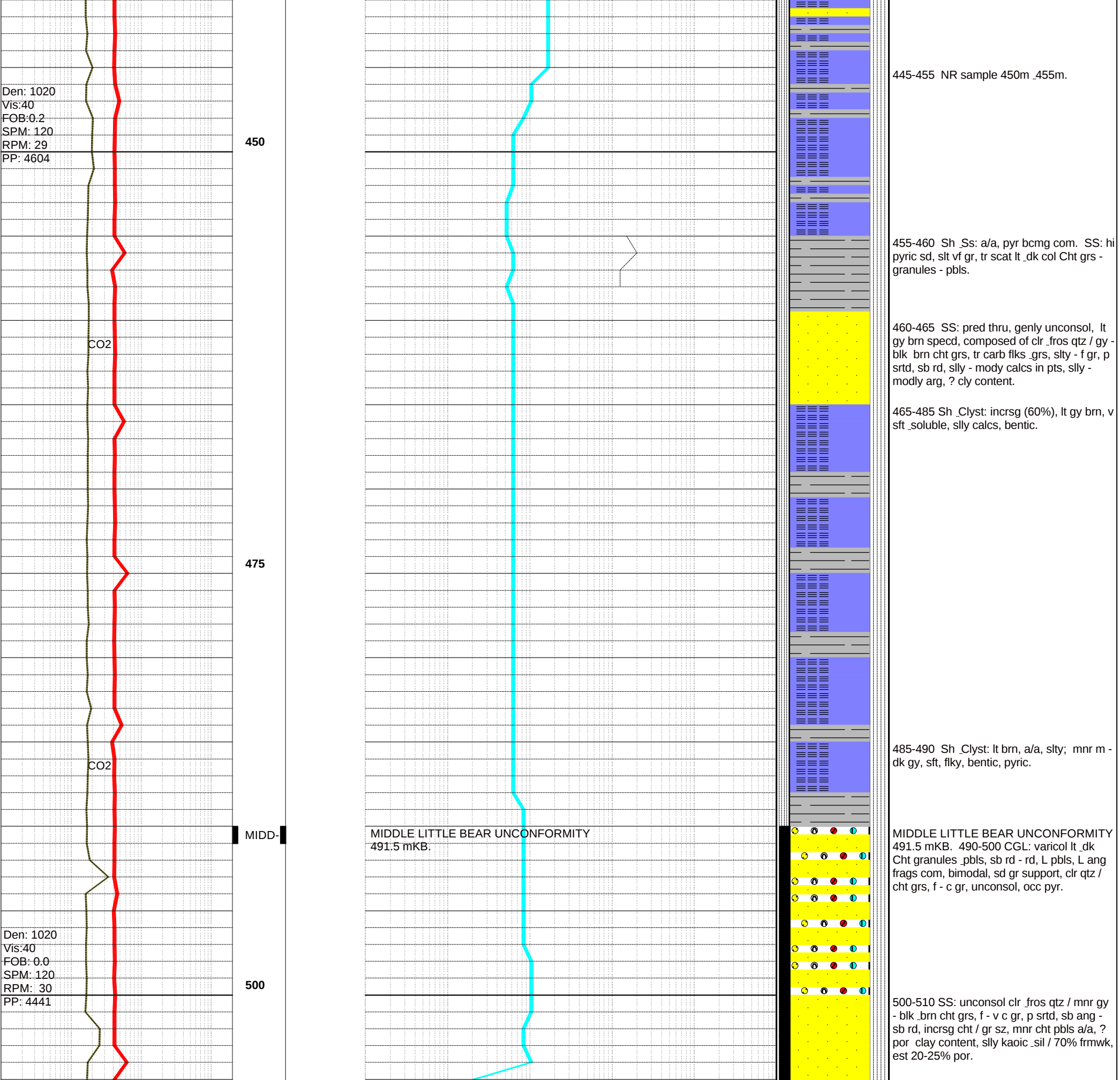
280-300 SH, Clyst: pred thru, genly a/a, lt - m gy brn, sft, soluble, tr carb flk .deb, tr pyric burrows; occ grn .gy, sft, waxy bentic Sh. SS: strgs, thn beds, (20%), vf - m gr clr .fros qtz / dk cht grs, p srt, sb rd - sb ang, unconsol, ? cly content.

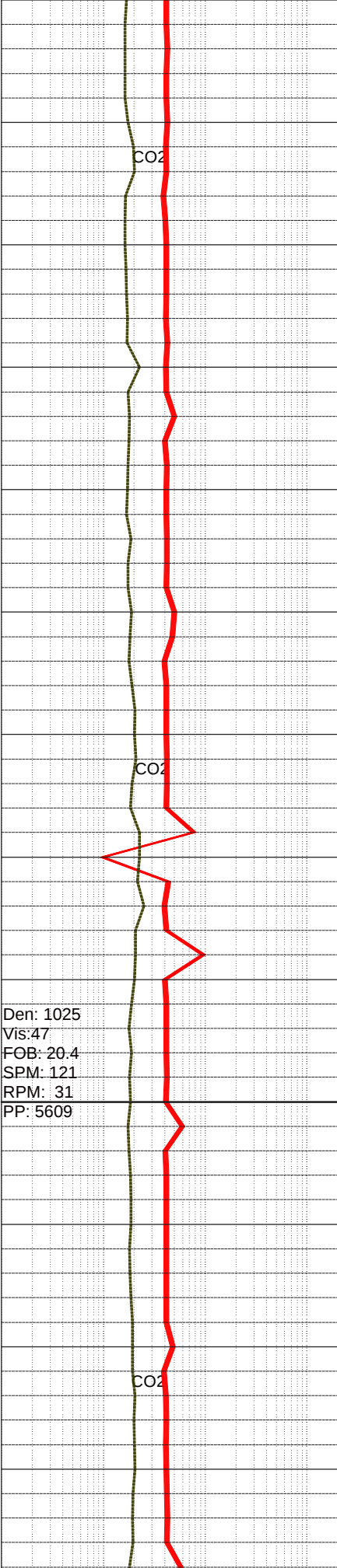
300-305 SH .Clyst: pred thru, genly a/a, lt - m gy brn, v sft clyy; mnr m - dk gy .dk gy grn Sh, bentic, occ hd slty lams or incl. SS: (20%) strgs or thn bed, unconsol clr .fros qtz / mnr gy - blk .dk brn cht grs, chty, vf - m gr, p - m srt, sb rd - sb ang,, ? cly content. Tr blk Cht grs, m - v c gr. Tr Coal.

305-315 SH: pred thru, a/a, g tr a/a m - v c blk Cht grs.





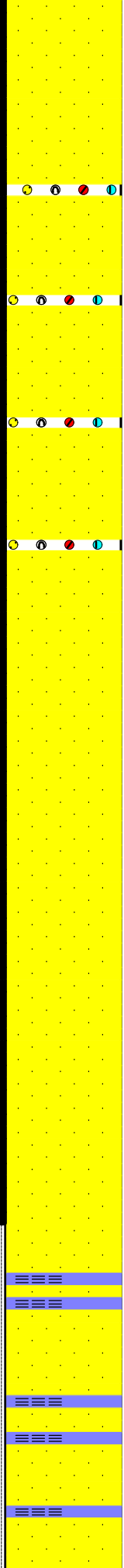




525

550

Den: 1025
Vis:47
FOB: 20.4
SPM: 121
RPM: 31
PP: 5609

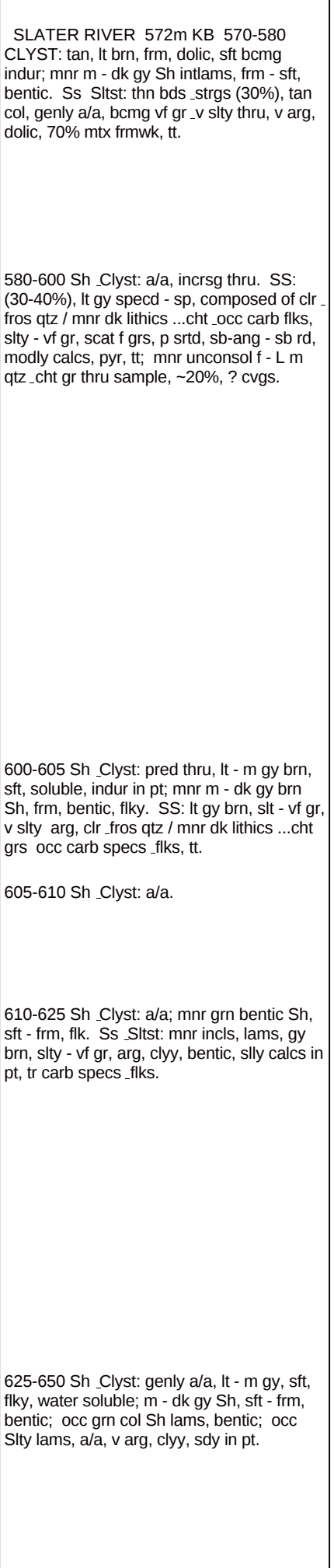
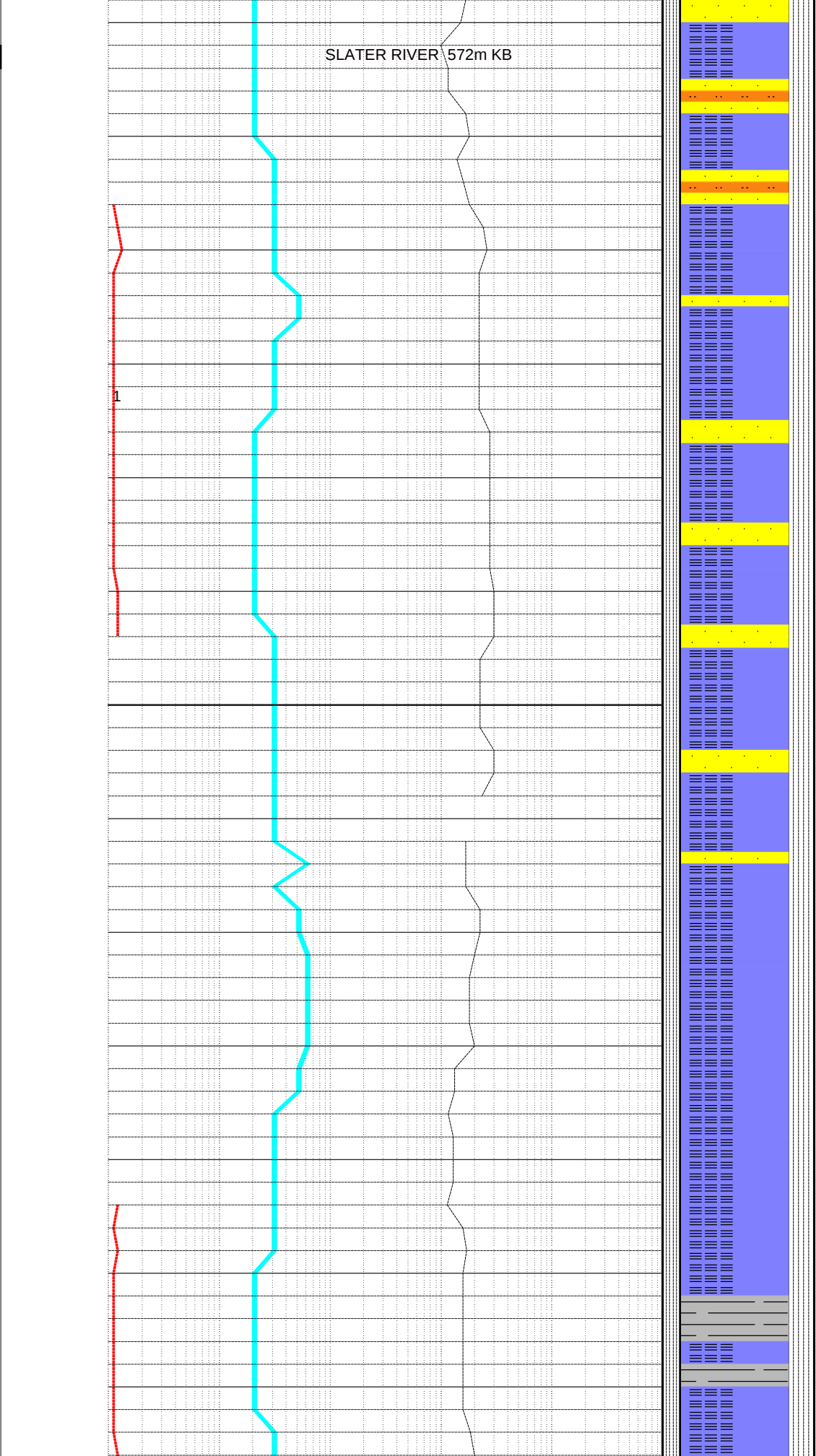
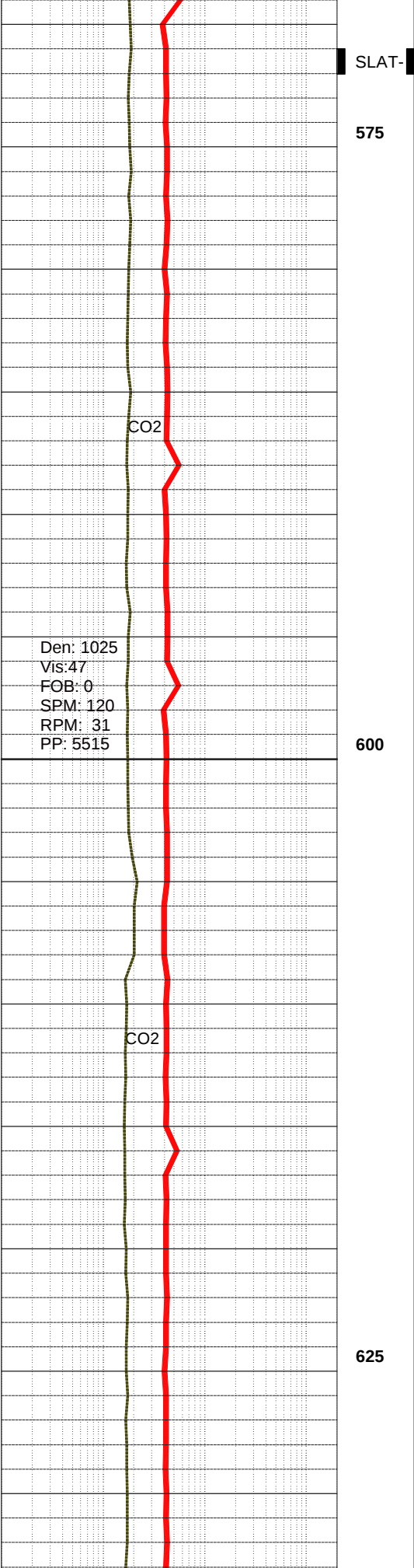


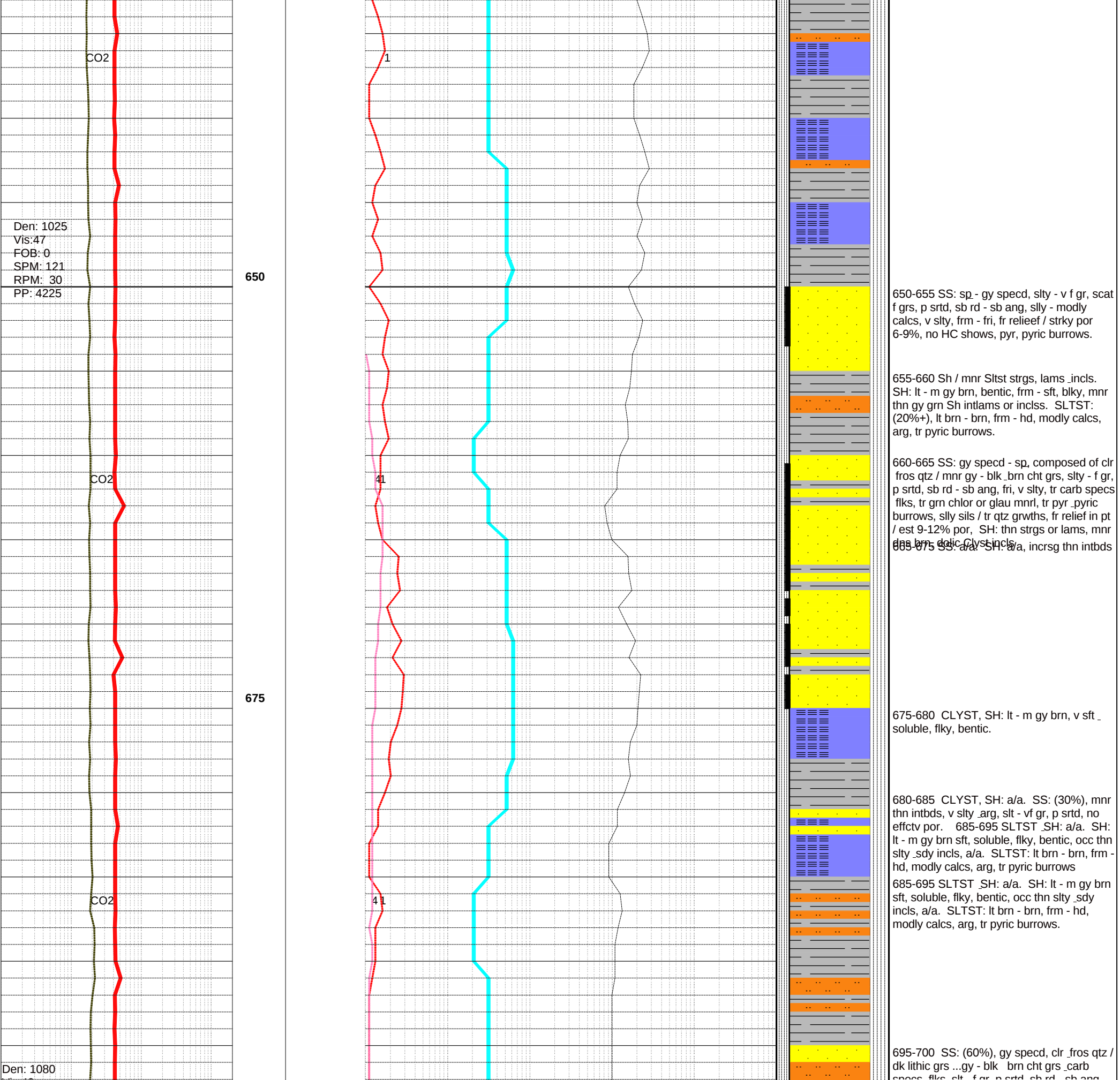
510-530 SS_CGL. SS: genly a/a, modly sils, tr qtz grwths _druse qtz. CGL: a/a, varicol, lt _dk , tr bimodal, ? unimodal, L ang frags com, tr pyr.

530-550 SS: incrsgr thru, genly a/a, vf - m gr clr fros qtz / mngr gy - blk _brn cht grs, occ carb grs, sb rd - sb ang, p - m srtd, slly - modly sils, tr qtz grwths _druse qtz, ? cly content _por est ~25%+, pyr com thru. CHT: varicol lt _dk granules - pbls _L ang frags fltg in sd mtx, a/a.

550-555 SS; #1) lt gy _lt gy brn, composed of clr fros qtz / gy - blk _brn cht grs, v slty - f gr, p srtd, sb rd - sb ang, arg, kaoic, 70-80% mtx frmwk, occ fr relief / g por 12-15%, ? effctv por, pyr bcm

555-570 SS: tan col ss pred pred thru, slty - f gr, v slty _arg in pt, composed of fros qtz / mngr dk lithic grs ...cht occ carb specs _flks, pyr com, 70-80% mtx frmwk, tt. CLYST: incls or lams, tan col, hd, dns, blk, occ v slty.





Den: 1080
Vis:40
FOB: 1.4
SPM: 124
RPM: 31
PP:5806

725

750

CC2

CO2

14

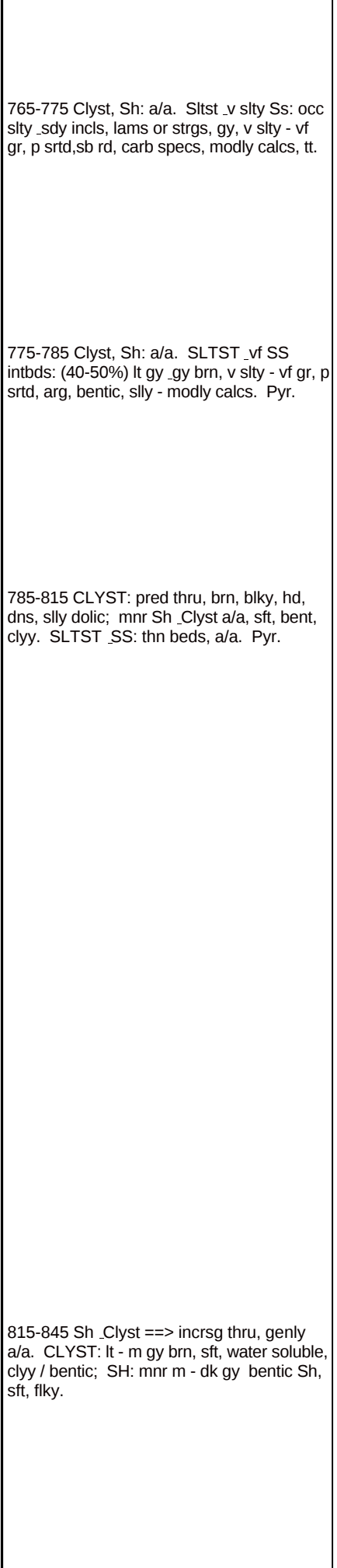
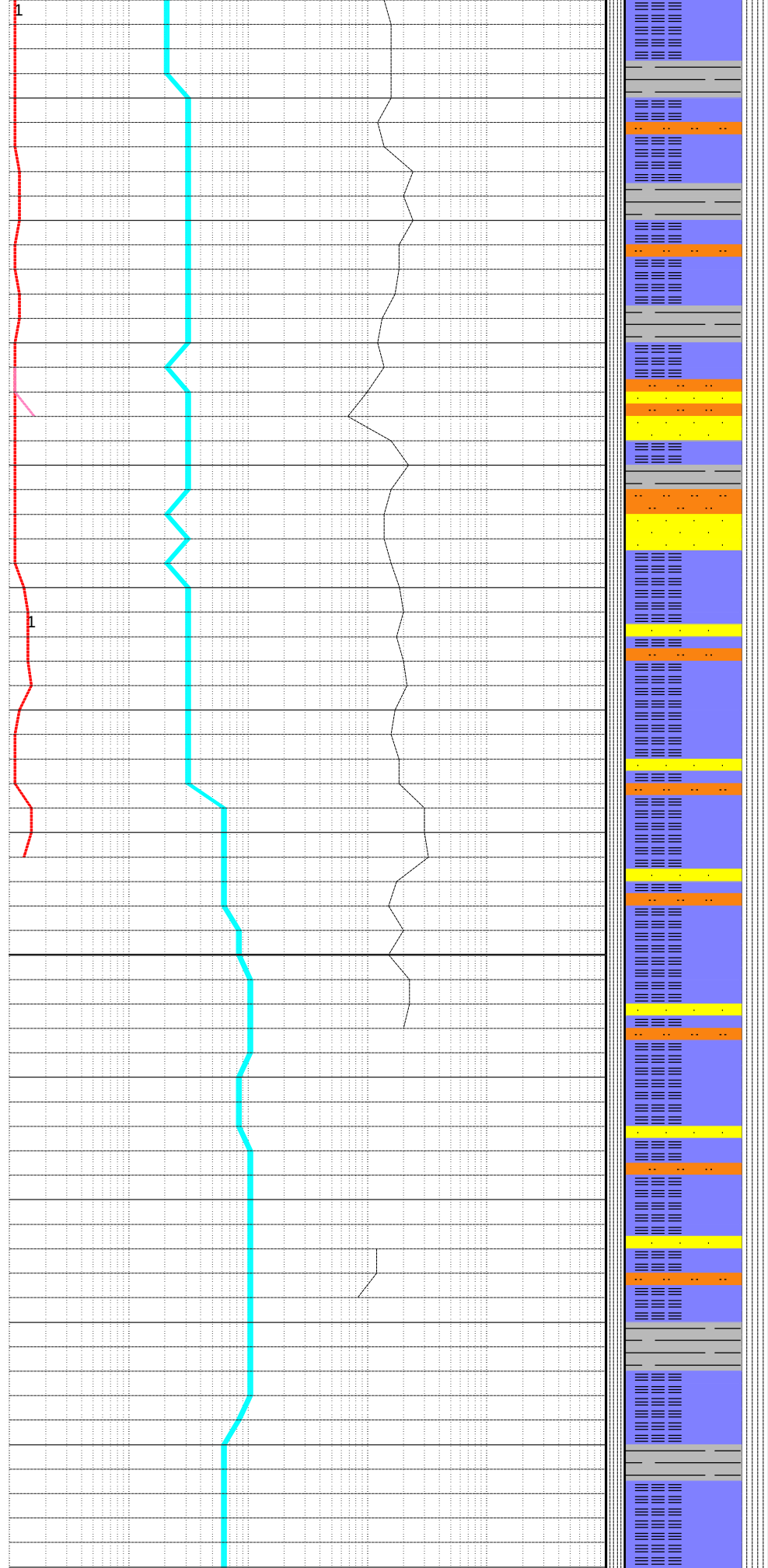
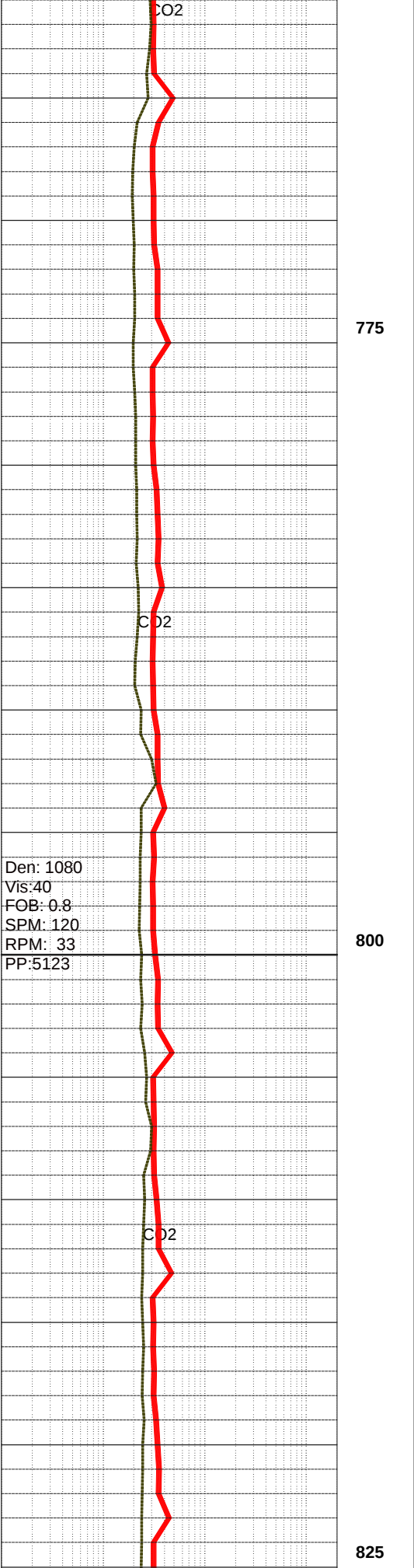
$$\begin{array}{c|c} 1 & 1 \end{array}$$

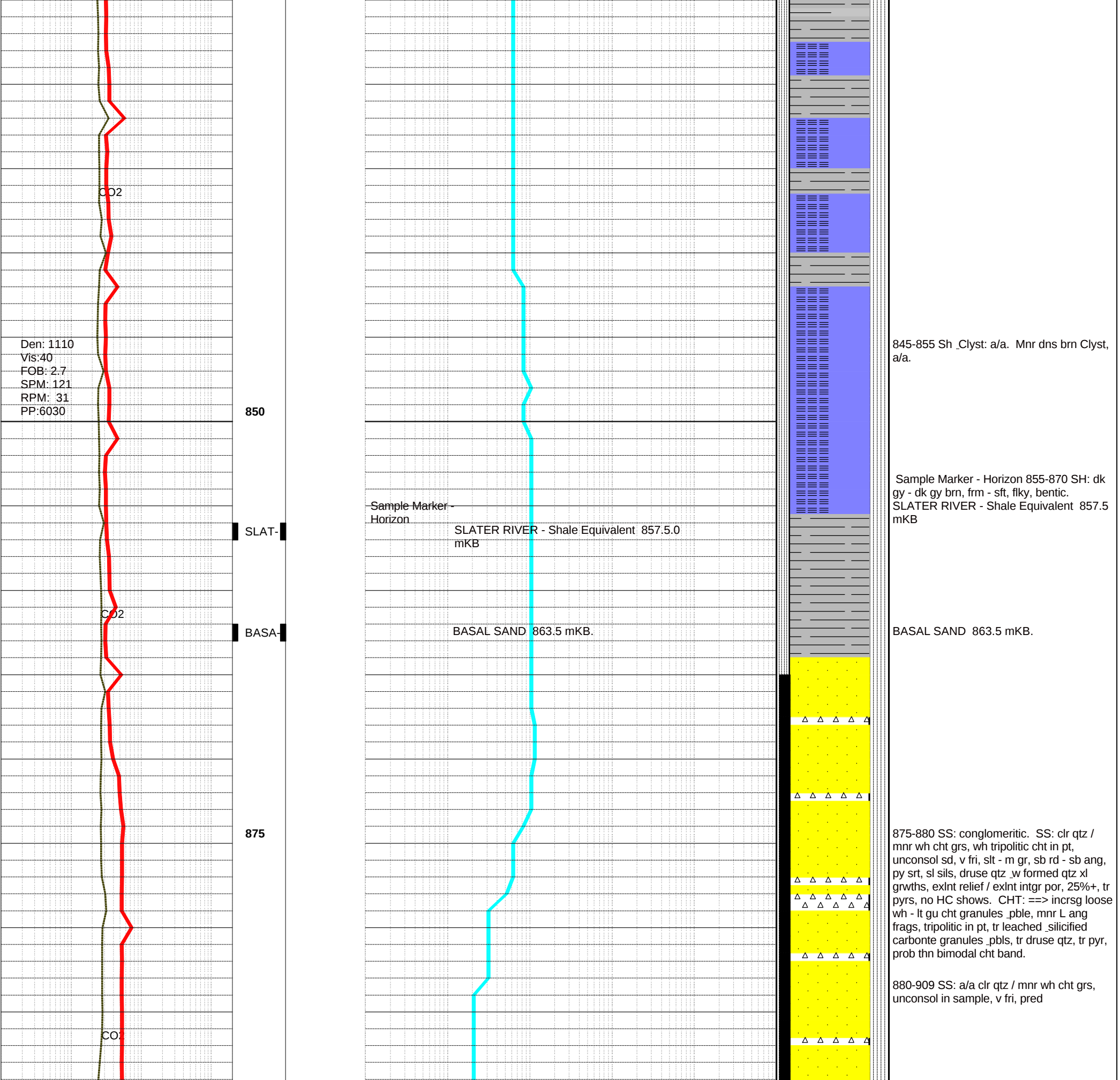
710-725 Intbdd Sh _Slst. SH: lt - m gy brn, sft, soluble, clyy Sh com, bentic; m - dk gy col bentic Sh, frm - sft, flky. SLTST beds: (30-40%), genly a/a, pyr com, pyric burrows.

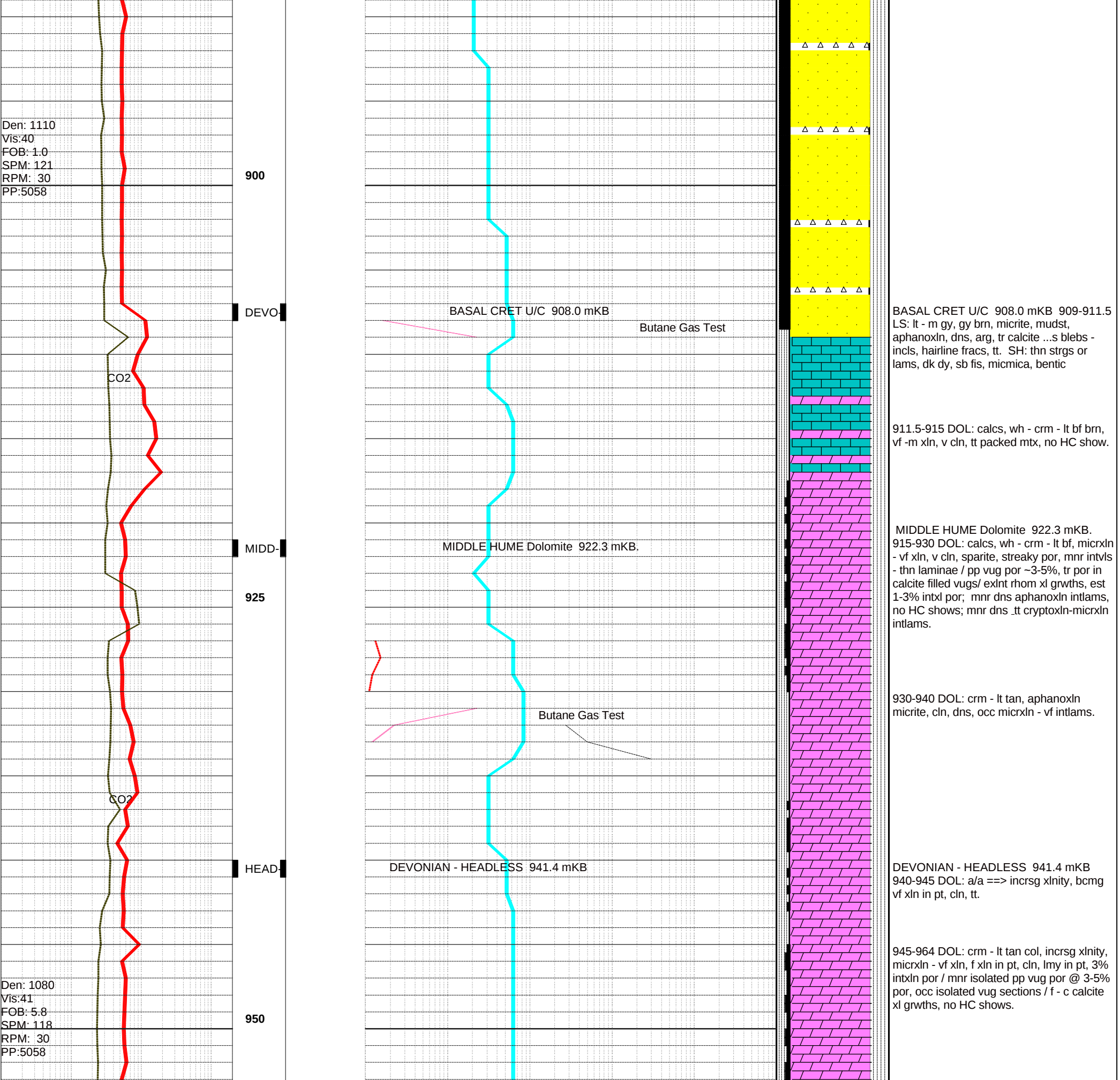
725-735 Sh_Clyst. a/a. SLTST: a/a; mnr
dns dolc Clyst incls, tan - brn col, pyr com
thru, pyr specs _dissem pyr, pyric burrows.
SS: strgs, lams, gy specd sd, v slty - vf gr, p
srt, sb rd, modly calcs, carb specs _flks.

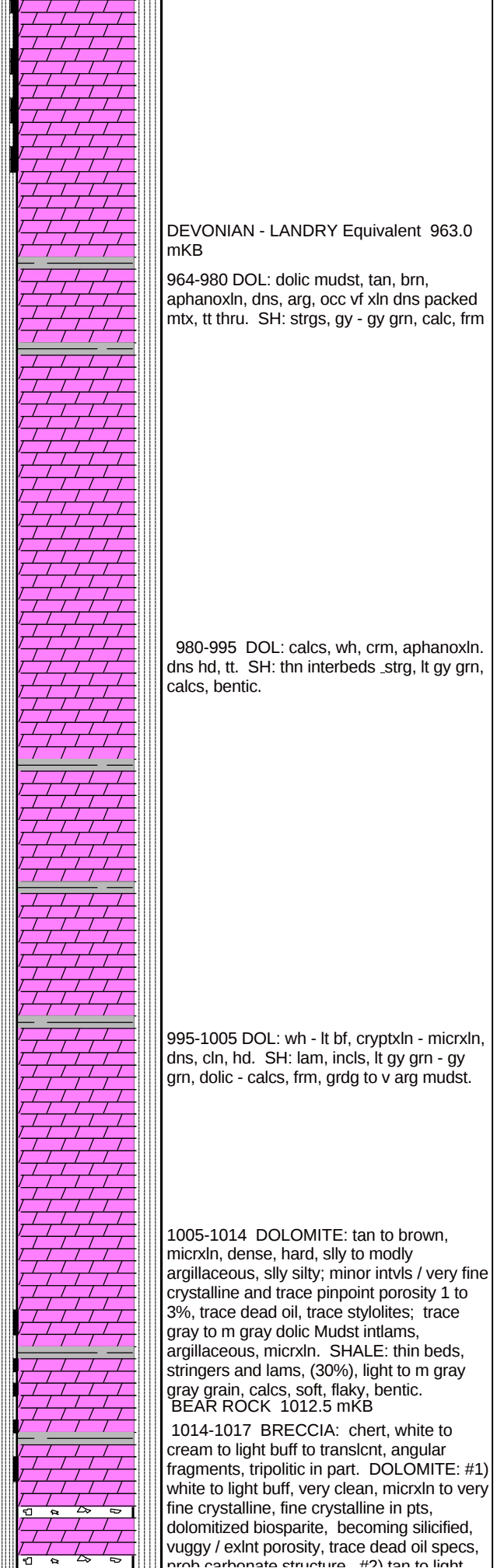
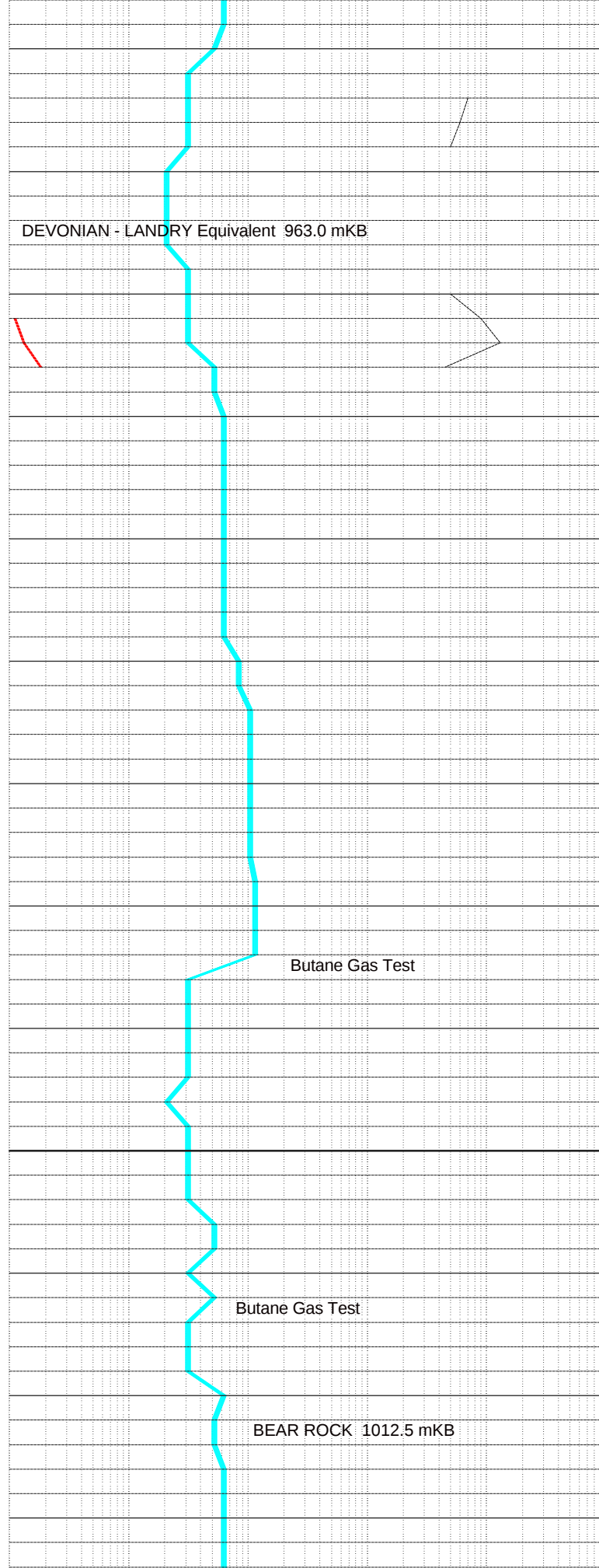
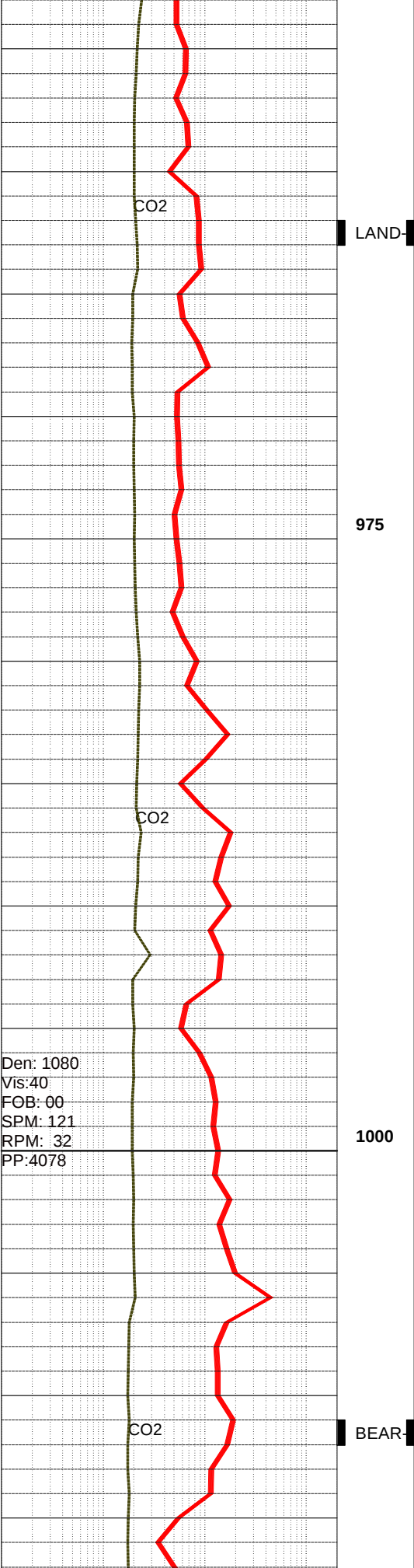
735-755 CLYST: brn, sb blk, hd, dns;
mnr Sh lams, m - dk gy brn, frm, flky, bentic.
SLTST: mnr incl, pyric. SS: occ incl or
lams, gy specd, v slty - vf gr, p srt, arg, sly -
modly calcs, tt. ? amounts of sft soluble
Clyst.

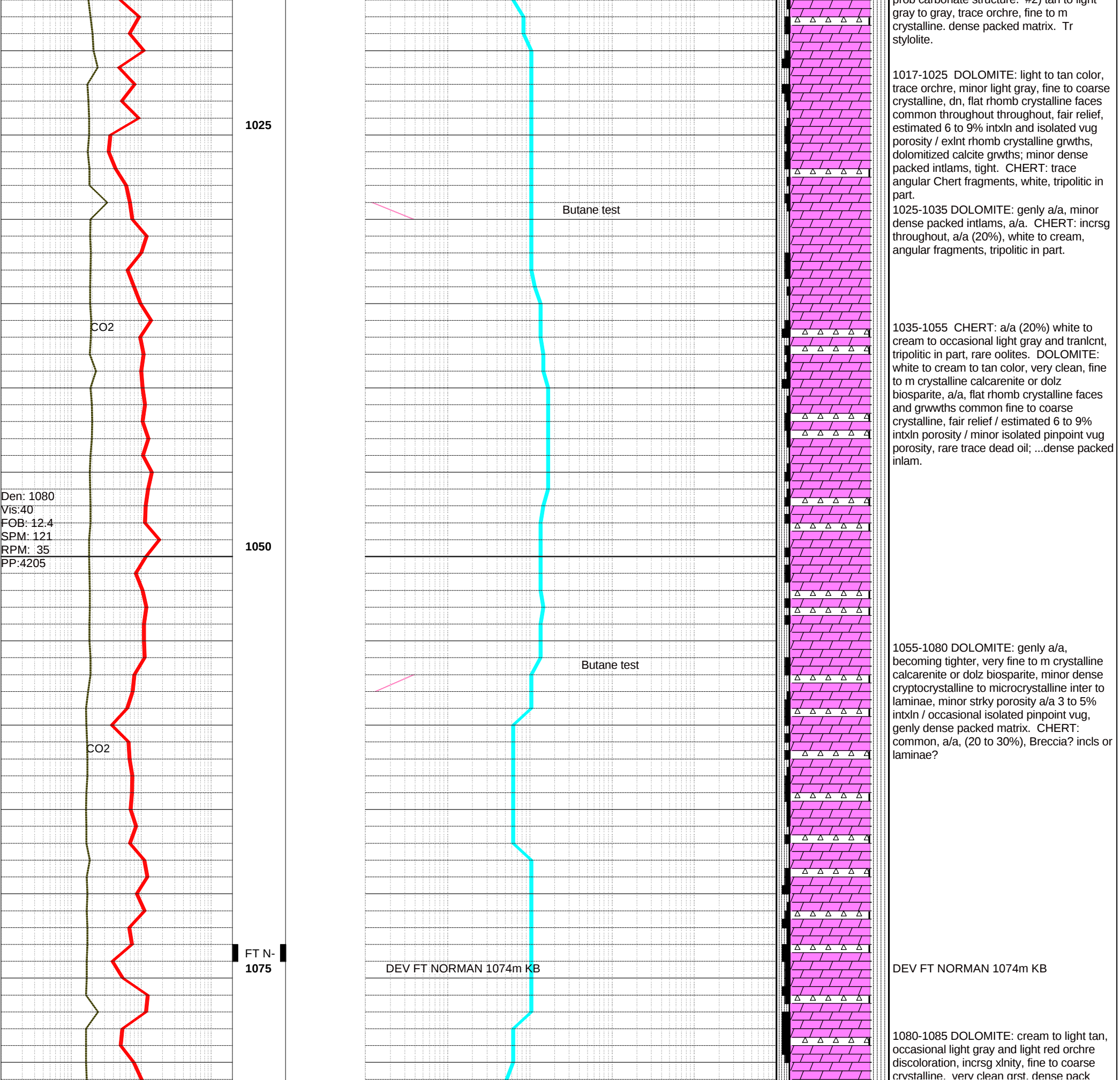
755-765 SH, CLYST: incrsg lt - m gy brn, sft, soluble; mntr Sh: m - dk gy, frm - sft, bentic.











Den: 1080
Vis:40
FOB: 12.4
SPM: 121
RPM: 35
PP:4205

CO2

CO2

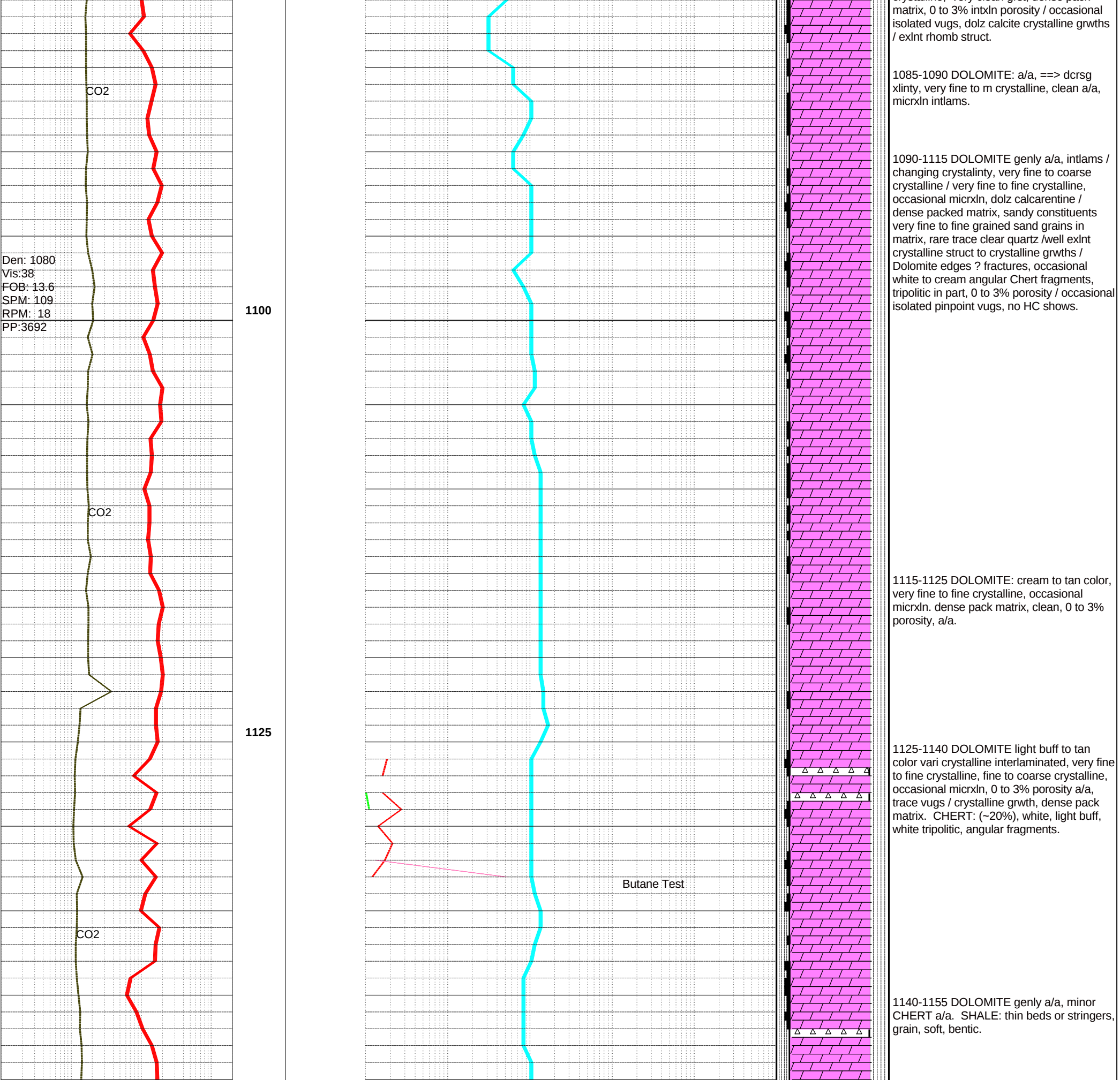
Butane test

Butane test

FT N-1075

DEV FT NORMAN 1074m KB

DEV FT NORMAN 1074m KB



Den: 1080
Vis:38
FOB: 13.6
SPM: 109
RPM: 18
PP:3692

CO2

CO2

CO2

1100

1125

Butane Test

matrix, 0 to 3% intxn porosity / occasional isolated vugs, dolz calcite crystalline grwths / exlnt rhomb struct.

1085-1090 DOLOMITE: a/a, ==> dcrsg xlinty, very fine to m crystalline, clean a/a, micrxln intlams.

1090-1115 DOLOMITE genly a/a, intlams / changing crystalinty, very fine to coarse crystalline / very fine to fine crystalline, occasional micrxln, dolz calcarentine / dense packed matrix, sandy constituents very fine to fine grained sand grains in matrix, rare trace clear quartz /well exlnt crystalline struct to crystalline grwths / Dolomite edges ? fractures, occasional white to cream angular Chert fragments, tripolitic in part, 0 to 3% porosity / occasional isolated pinpoint vugs, no HC shows.

1115-1125 DOLOMITE: cream to tan color, very fine to fine crystalline, occasional micrxln. dense pack matrix, clean, 0 to 3% porosity, a/a.

1125-1140 DOLOMITE light buff to tan color vari crystalline interlaminated, very fine to fine crystalline, fine to coarse crystalline, occasional micrxln, 0 to 3% porosity a/a, trace vugs / crystalline grwth, dense pack matrix. CHERT: (~20%), white, light buff, white tripolitic, angular fragments.

1140-1155 DOLOMITE genly a/a, minor CHERT a/a. SHALE: thin beds or stringers, grain, soft, bentic.

