BAKER HUGHES
INTEQ

Company : Beach Petroleum Ltd
Well : PeeJay-1
Interval : 95.00 - 1462.09 meters
Created : 24/Nov/2008 6:37:02 AM

BEACH PETROLEUM

FORMATION EVALUATION LOG

DRILLING PARAM
ROP (m/hr)
200 | 160 | 120 | 80 | 40
WEIGHT ON BIT (klbf)
10 | 20 | 30 | 40 | 50

MD meters 1:500

INTERPRETED LITHOLOGY

Oil Show
P F G

LITHOLOGY %

CORE

TOTAL GAS
Total Gas (unit)
10 | 20 | 30 | 40 | 50

CHROMATOGRAPH
Methane ppm 0.1 – 10000
Ethane ppm 0.1 – 10000
Propane ppm 0.1 – 10000
iso-Butane ppm 0.1 – 10000
n-Butane ppm 0.1 – 10000
iso-Pentane ppm 0.1 – 10000
n-Pentane ppm 0.1 – 10000

Calcimetry

Lithology Description

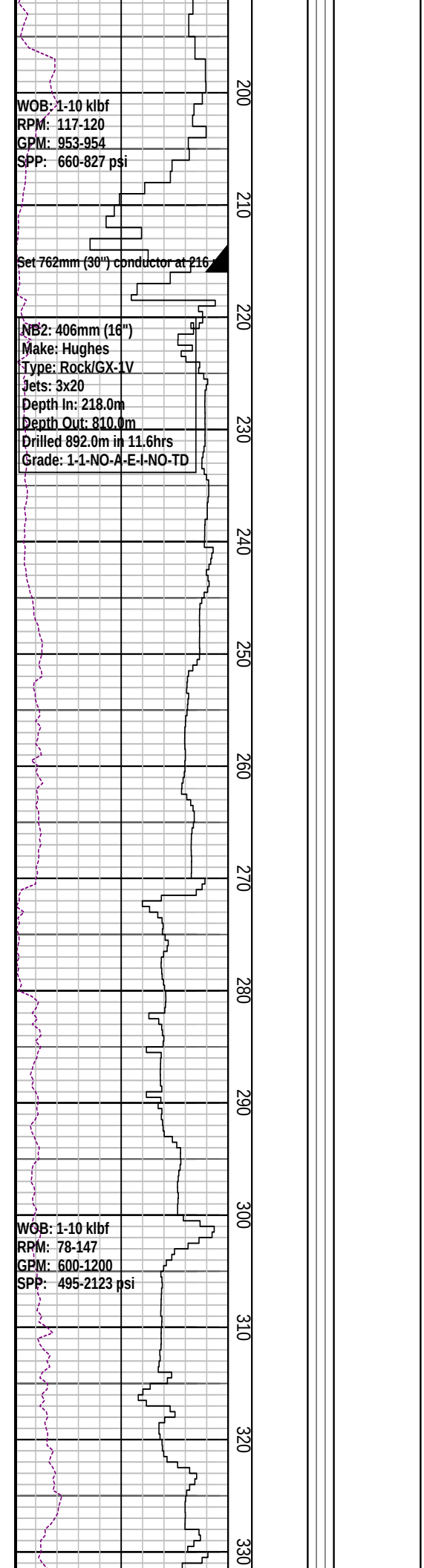
100 110 120 130 140 150 160 170 180 190

RB1: 660mm (26") x 914mm (36") H/Opener
Make: Reed
Type: Rock/YC11
Jets: 3x22, 1x16
Depth In: 112.15m
Depth Out: 218.0m
Drilled 105.85m in 3.9hrs
Grade: 1-1-NO-A-E-I-NO-TD

Spud PeeJay-1 @ 18:30 Hrs on 15/11/2008

RT MSL: 34.15mMDRT
Water Depth: 78.00mMDRT
RT Seabed: 112.15mMDRT

Drill 36" hole with seawater & Hi Vis sweeps
Returns to Seabed 112.15 to 218



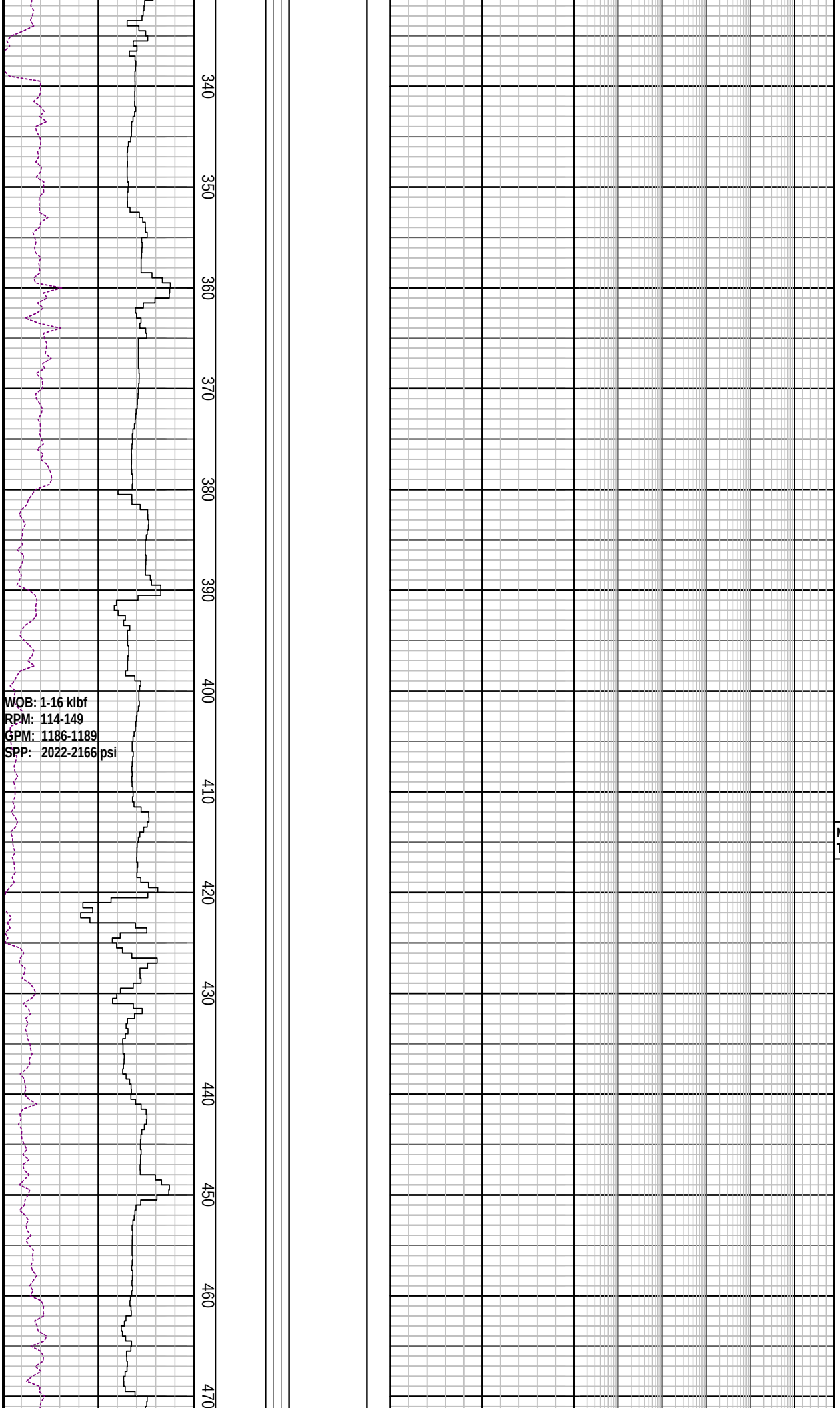
Drill 16" hole with seawater & Hi Vis sweeps
Returns to Seabed 218 to 810

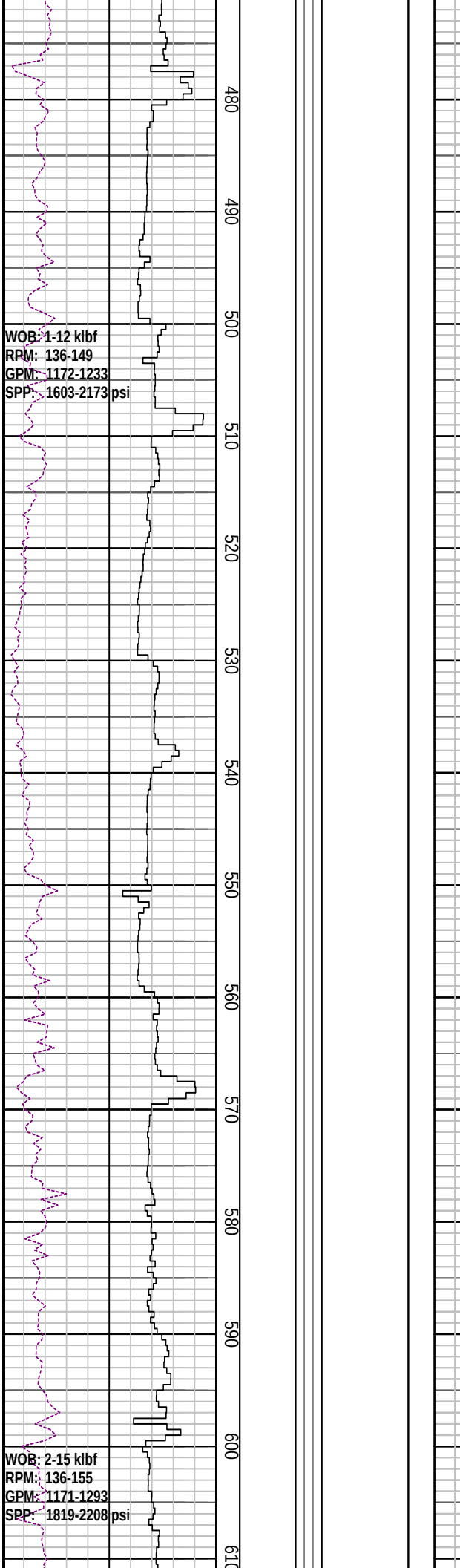
MD: 269.95, AZI: 150.86°
TVD: 264.9, Incl: 1.45°

MD: 294.47, AZI: 140.54°
TVD: 294.4, Incl: 1.15°

Returns to Seabed

MD: 323.97, AZI: 150.84°
TVD: 323.9, Incl: 1.06°


340
350
360
370
380
390
400
410
420
430
440
450
460
470
WOB: 1-16 klbf
RPM: 114-149
GPM: 1186-1189
SPP: 2022-2166 psi
Returns to Seabed
MD: 413.38, AZI: 197.79°
TVD: 413.3, Incl: 0.46°

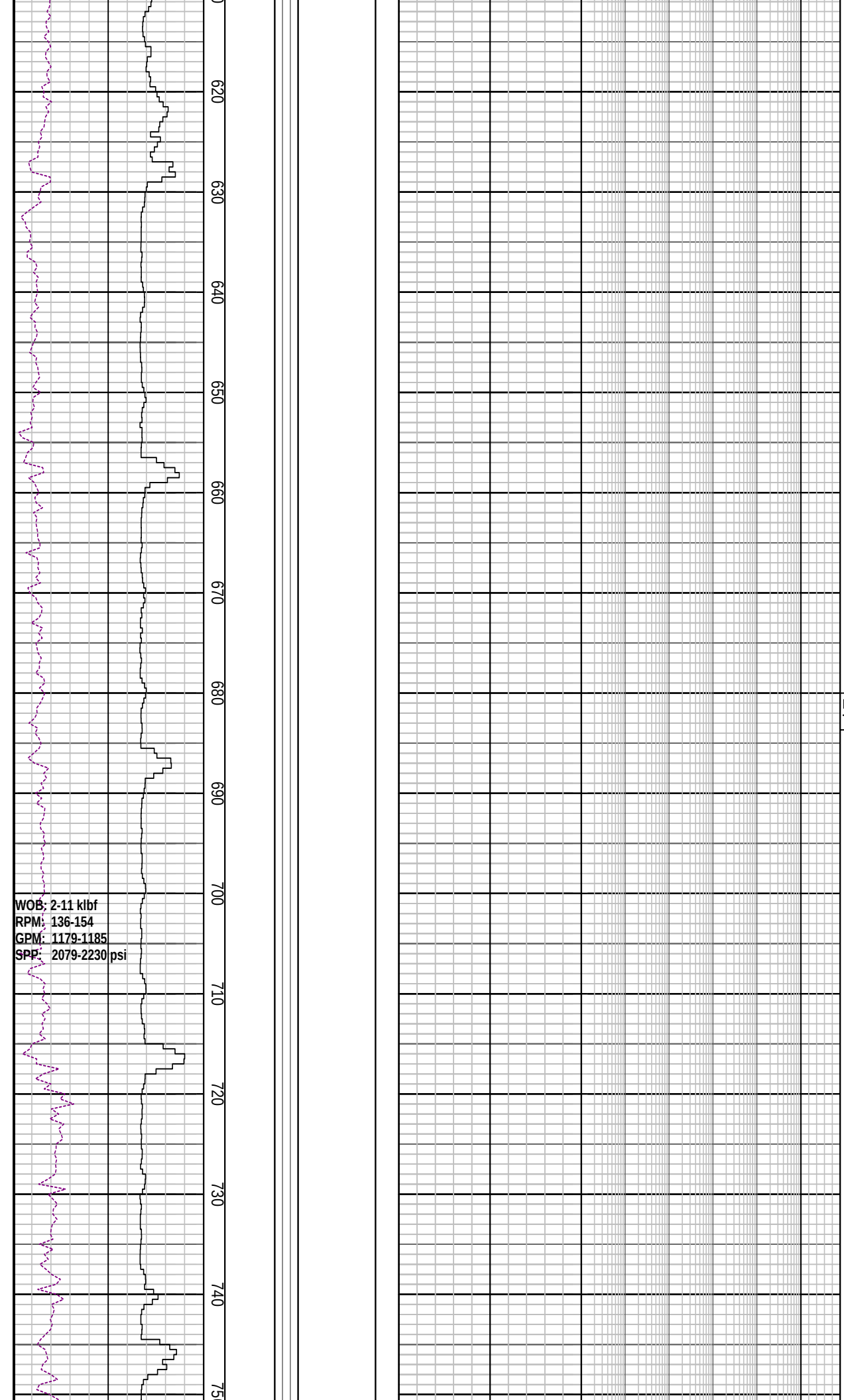


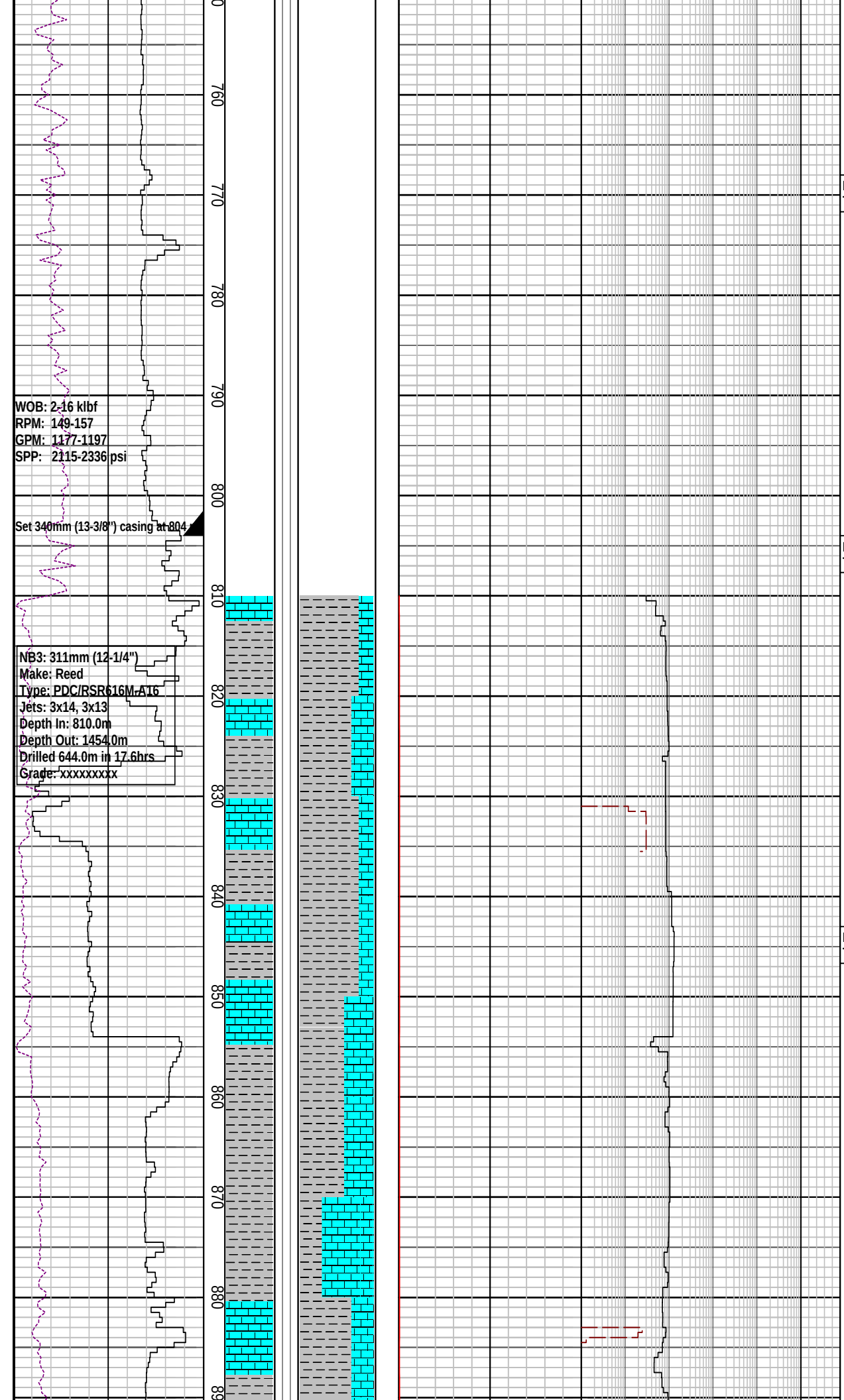
Returns to Seabed

MD: 502.18, AZI: 197.76°
TVD: 502.1, Incl: 0.23°

MD: 591.8, AZI: 226.93°
TVD: 591.7, Incl: 0.37°

Returns to Seabed


620
630
640
650
660
670
680
690
700
710
720
730
740
750
WOB: 2-11 klbf
RPM: 136-154
GPM: 1179-1185
SPP: 2079-2230 psi
MD: 679.52, AZI: 321.43°
TVD: 679.5, Incl: 0.12°
Returns to Seabed



MD: 768.28, AZI: 271.31°
TVD: 768.2, Incl: 0.20°

Returns to Seabed

MD: 803.99, AZI: 236.85°
TVD: 803.9, Incl: 0.21°

LIMESTONE: Bio clcar pale yel brn to lt brn gy, f to md, micr, com cor frag, com md to crs, wh calc, f por, n fluor

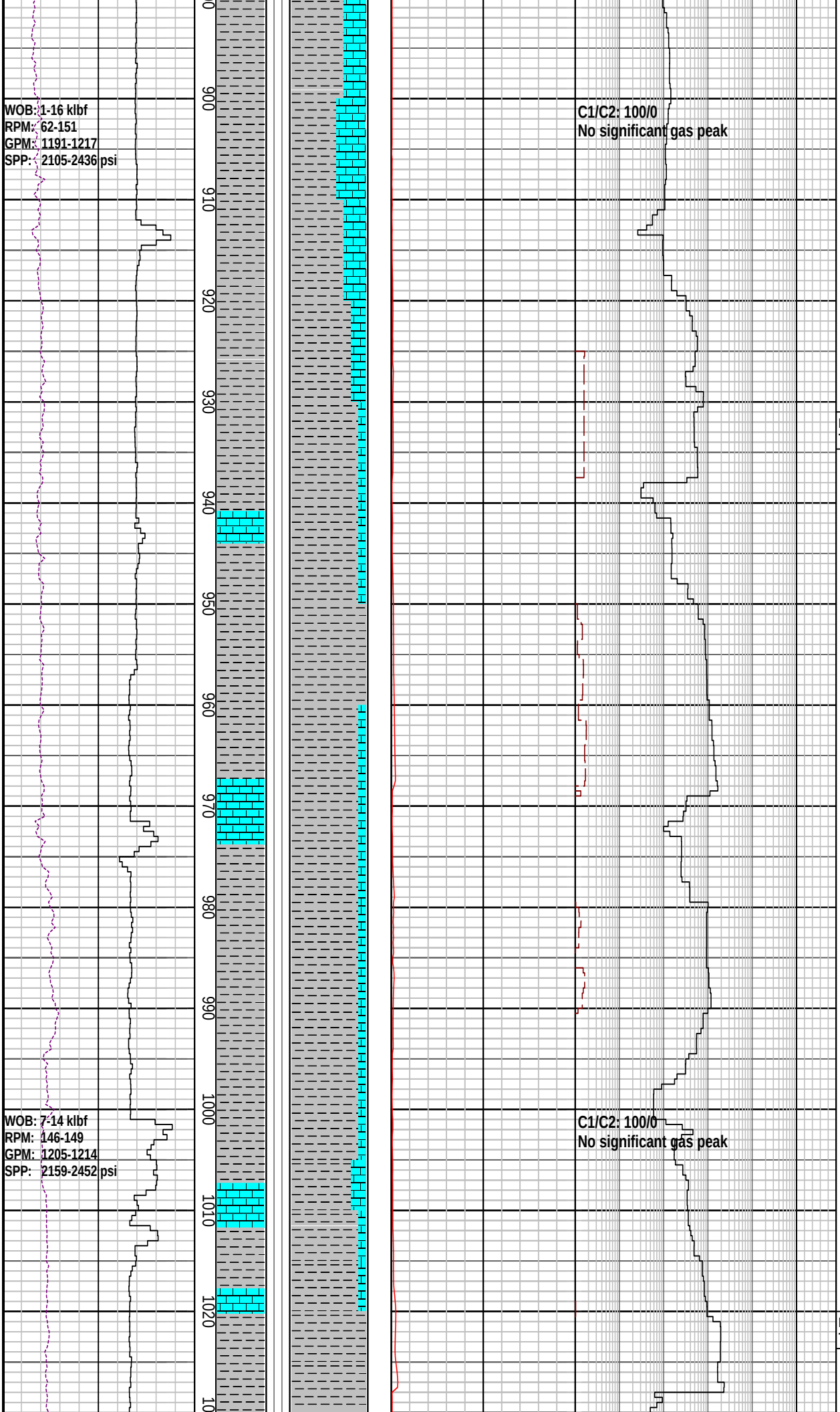
LOT @ 804m with 8.8 ppg
EMW: 15.55 ppg @ 928 psi

CLAYSTONE: lt bl gy, mod sft, ang f sli slt, p srt, mod calc, Ls md mtrx, p vis por

MD: 842.85, AZI: 127.38°
TVD: 842.8, Incl: 0.43°

CLAYSTONE: lt bl gy, mod sft, ang f sli slt, p srt, mod calc cmt, Ls md mtrx, p vis por, tr nod pyr

LIMESTONE: gn gry- med bl gry, frm-m, micr, com-med calc spar, tr foss frag, tr cor, p por, n fluor



CLAYSTONE: med lo-dk gn, mod sft-frm, wl srt, tr pyr, tr foss

MW: 8.80 ppg FV:50
PV : 17 YP:23
Gels: 5/7/8
Cl : 37000

MD: 930.97, AZI: 102.94°
TVD: 930.9, Incl: 0.44°

CLAYSTONE: med lo-dk gn, mod sft-frm,stky, wl srt, tr foss

LIMESTONE: gn gry- med bl gry, frm-m, micr, com-med calc spar, tr foss frag, tr cor, p por, n fluor

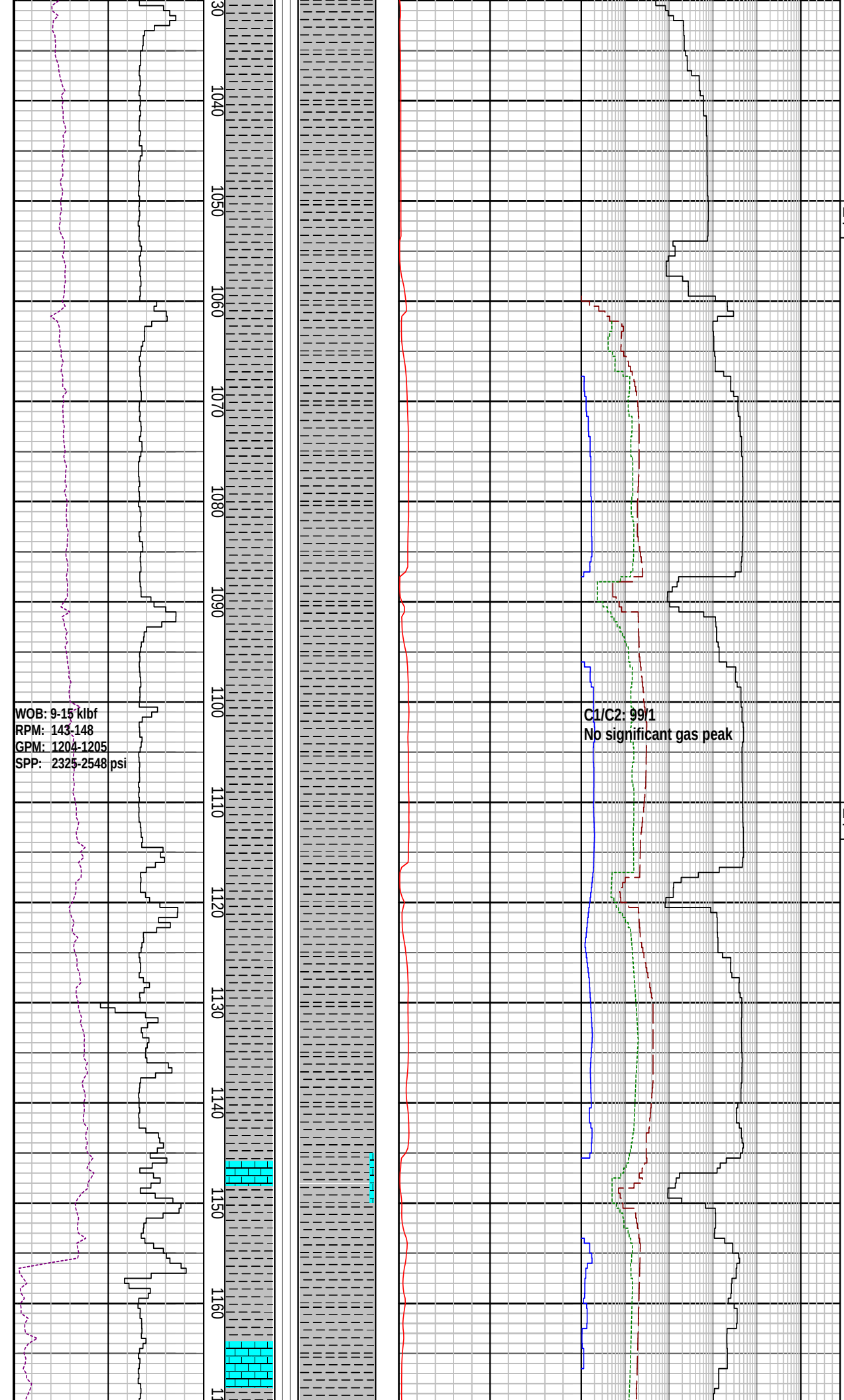
CLAYSTONE: med lo-dk gn, mod sft-frm, wl srt, tr pyr, tr foss,tr sst

CLAYSTONE: med lo-dk gn, mod sft-frm, wl srt, tr pyr, tr foss

LIMESTONE: gn gry- med bl gry, frm-m, micr, com-med calc spar, tr foss frag, tr cor, p por, n fluor

CLAYSTONE: med lo-dk gn, mod sft-frm, wl srt, tr pyr, tr foss,tr glau

MD: 1019.59, AZI: 112.01°
TVD: 1019.5, Incl: 0.43°



CLAYSTONE: med lo-dk gn, mod sft-frm, wl srt, tr pyr, tr foss,tr sst

LIMESTONE: gn gry- med bl gry, frm-m, micr, com-med calc spar, tr foss frag, tr cor, p por, n fluor

MD: 1048.56, AZI: 126.08°
TVD: 1048.5, Incl: 0.33°

CLAYSTONE: med lo-dk gn, mod sft-frm, wl srt, tr foss

CLAYSTONE: med lo-dk gn, mod sft-frm, wl srt, tr pyr, tr foss,tr sst

LIMESTONE: gn gry- med bl gry, frm-m, micr, com-med calc spar, tr foss frag, tr cor, p por, n fluor

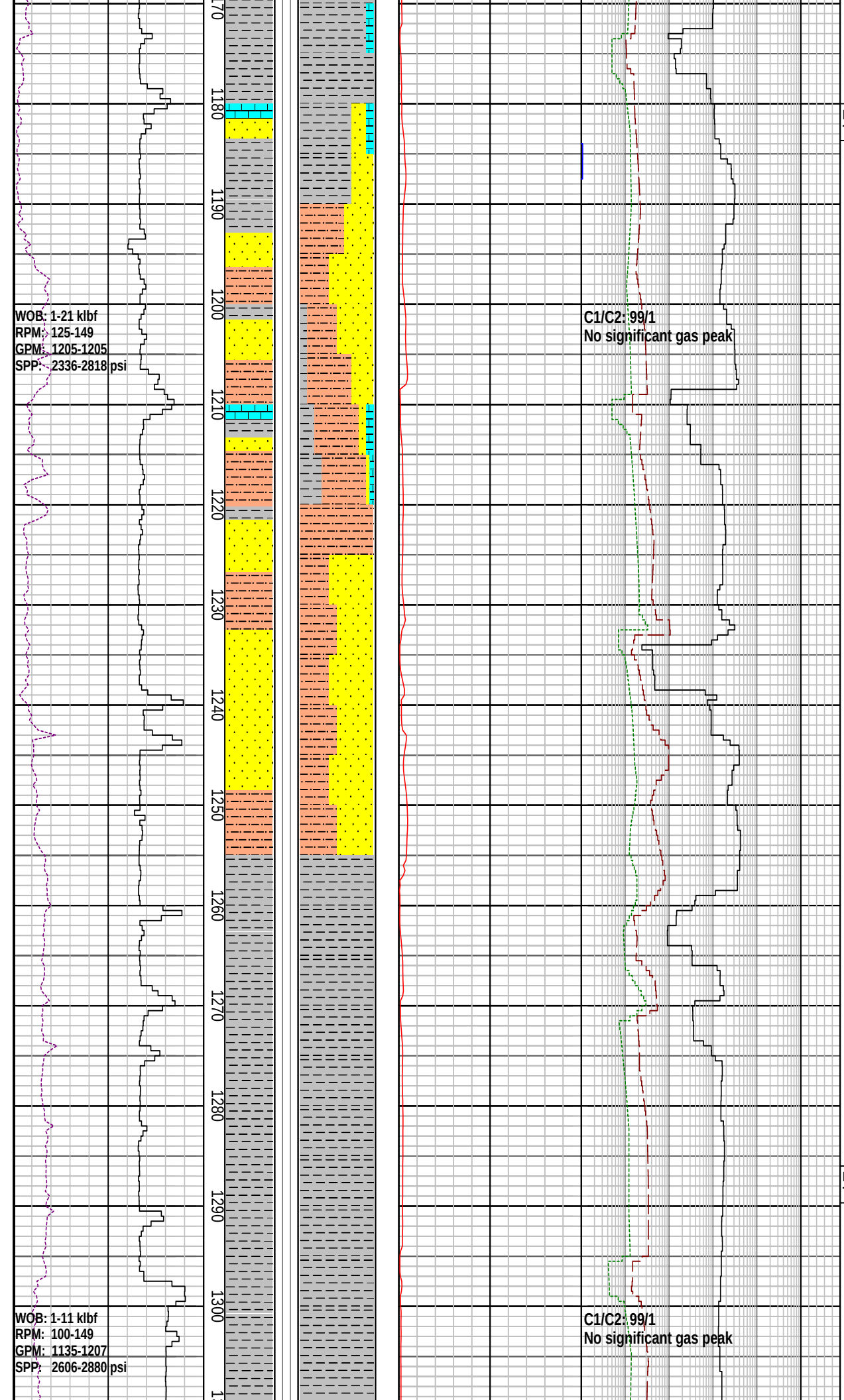
CLAYSTONE: olv gy- bn gy, sft-frm mod hd ip, sbblky-blky, tr pyr, tr v f carb mat, tr glau, tr cor

MD: 1108.49, AZI: 130.22°
TVD: 1108.4, Incl: 0.33°

CLAYSTONE: olv gy- bn gy, sft-frm mod hd ip, sbblky-blky, tr pyr, tr v f carb mat, tr glau, tr cor

LIMESTONE: gn gry- med bl gry, frm-m, micr, com-med calc spar, tr foss frag, tr cor, p por, n fluor

CLAYSTONE: olv gy- bn gy, sft-frm mod hd ip, sbblky-blky, tr pyr, tr v f carb mat, tr glau, tr cor, tr cht



CLAYSTONE: brn blk- olv blk, sft-frm mod hd ip, sbblky-blky, tr pyr, tr v f carb mat , tr cht

MD: 1167.38, AZI: 121.98°
TVD: 1167.3, Incl: 0.22°

SANDSTONE : brn gy, trnsp-trnsl qtz gr, tr yel brn,stn dom f, md-crs, mod-wl srt, sbang-wl rndd, n vis cmt, mnr arg slt mtrx, fr inferred por

SILTSTONE: ol gy-md dk gy, v sli calc, r nod pyr, sbblky grd to pyr

CLAYSTONE: brn gy-brn blk, sft-frm mod hd ip, sbblky-blky, tr pyr, tr v f carb mat , tr cht, tr sd

MW: 9.5 ppg	FV:65
PV : 19	YP:32
Gels: 7/9/11	
Cl : 35000	

CLAYSTONE: brn gy-brn blk, sft-frm mod hd ip, sbblky-blky, tr v f carb mat , tr cht, tr foss frag, tr sd

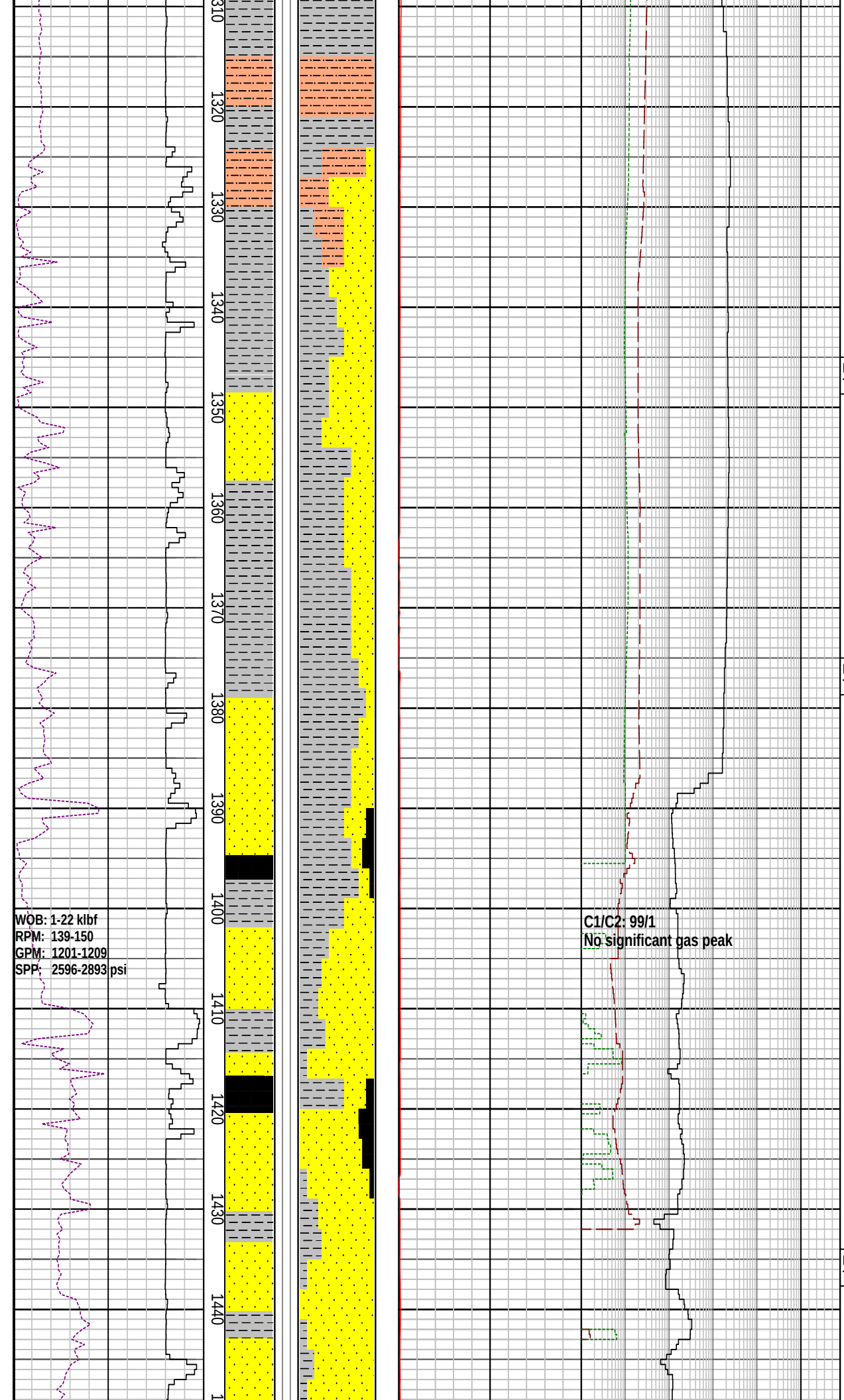
SANDSTONE : brn gy, trnsp-trnsl qtz gr, tr yel brn,stn dom f, md-crs, mod-wl srt, sbang-wl rndd, n vis cmt, mnr arg slt mtrx, fr inferred por

CLAYSTONE: md dk gy-dk gy, v sli calc, mnr com pyr, sli slt, sft-plas sbblky

SANDSTONE : brn gy, trnsp-trnsl qtz gr, tr yel brn,stn dom f, md-crs, mod-wl srt, sbang-wl rndd, n vis cmt, mnr arg slt mtrx, fr inferred por

MD: 1285.81, AZI: 61.10°
TVD: 1285.8, Incl: 0.69°

CLAYSTONE: md dk gy-dk gy, v sli calc, mnr com pyr, sli slt, sft-plas sbblky



SILTSTONE: md dk gy-dk gy, v sli calc, tr pyr, arg in pt, grd to Clst, sft to frm, tr plas, dom sbblky

CLAYSTONE: brn gy, sli calc, sft pyr, amor

SANDSTONE : lt ol gy, trnsp-trnsl qtz gr, dom wl srt, sbang-wl rndd, wk calc cmt, mnr fri agg, tr nod pyr, fr inferred por

MD: 1345.01, AZI: 106.82°
TVD: 1345, Incl: 0.68°

CLAYSTONE: brn gy to ol blk, sli calc, v f qtz, amor, sli dispersive mass

MD: 1374.54, AZI: 110.27°
TVD: 1374.5, Incl: 0.67°

SANDSTONE : lt ol gy, trnsp-trnsl qtz gr, dom wl srt, sbang-wl rndd, wk calc cmt, mnr fri agg, tr nod pyr, fr inferred por

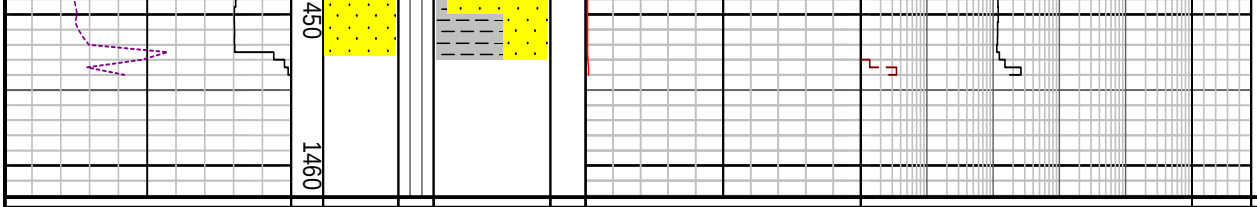
COAL: dk brn blk, mod sft-hd, ang planar, conch-frac

SANDSTONE: qtz, clr-trnsl, md gy in pt, f- pred crs to v crs, ang to subrndd, p srt, wk calc cmt, loc com arg mtrx, abd v crs mky qtz, tr Fe stn qtz, fri to pred disagregated fr-g

COAL: dk brn blk, mod sft-hd, ang planar, conch-frac

SANDSTONE: mky qtz, clr-trnsl, md gy in pt, f-crs, ang to subrndd, p srt, wk calc cmt,com arg mtrx, fr-gd por, n fluor

MD: 1433.56, AZI: 132.78°
TVD: 1433.5, Incl: 0.69°



SANDSTONE: qtz, clr-trnsl, lt gy in pt, f-pred crs to v crs, ang to subrndd, p srt, wk calc cmt, pred cln, com crs mky qtz, tr musc, tr coral deb, tr nod pyr, disaggregated fr-gd

FORMATION EVALUATION LOG

DRILLING PARAM

ROP (m/hr)

200 | 160 | 120 | 80 | 40

WEIGHT ON BIT (klbf)

10 | 20 | 30 | 40 | 50

MD meters 1:500

INTERPRETED LITHOLOGY

Oil Show

P F G

LITHOLOGY %

CORE

TOTAL GAS

Total Gas (unit)

10 | 20 | 30 | 40 | 50

CHROMATOGRAPH

0.1	Methane ppm	10000
0.1	Ethane ppm	10000
0.1	Propane ppm	10000
0.1	iso-Butane ppm	10000
0.1	n-Butane ppm	10000
0.1	iso-Pentane ppm	10000
0.1	n-Pentane ppm	10000

Calcimetry

Lithology Description