



FORMATION EVALUATION LOG



WELL : ROCKHOPPER-1 ST 1

FROM (m): 1950

TO (m): 3510

SCALE: 1/ 500

Country : : AUSTRALIA
Region : : TASMANIA
Field : : ROCKHOPPER
Permit : : T/18P
Well Type : : APPRAISAL
Rig Name : : KAN TAN 4

POSITION
Latitude : 39 47' 34.1828" S
Longitude : 145 26' 21.4660" E
X (m) : 366376.031
Y (m) : 5594075.423
RT-Sealevel (m MSL) : 26
RT-Seabed (m) : 100.3


CASING SHOE SIZE / DEPTH
762mm (30") at (m MDRT) : 157.00
340mm (13 3/8") at (m MDRT) : 961.00
245mm (9 5/8") at (m MDRT) : 1965.00


Spud Date : 20-01-2010
Total Depth Date : 03-02-2010
Total Depth (m MDRT) : 3482.0
Total Depth (m TVSS) : 3158.0
Status : P&A


ABBREVIATIONS


MW MUD WEIGHT NB NEW BIT
FV FUNNEL VISCOSITY RR RERUN BIT
PV PLASTIC VISCOSITY CB CORE BIT
YP YIELD POINT WOB WEIGHT ON BIT
FC FILTER CAKE RPM REVS PER MINUTE
SOL SOLIDS FLC FLOW CHECK
CR CIRCULATE RETURNS WL FILTRATE
SD SAND - % PR POOR RETURNS
S SALINITY - PPM NR NO RETURNS
RM MUD RESISTIVITY BG BACKGROUND GAS
RMF MUD FILTRATE TG TRIP GAS
C CARBIDE TEST STG SHORT TRIP GAS
LAT LOGGED AFTER TRIP CG CONNECTION GAS
DS DEVIATION SURVEY SG SWAB GAS
SVG SURVEY GAS


LITHOLOGY LEGEND


 Dolomite


 Claystone


 Argil Siltstone


 Calcareous


 Calcirudite


 Siltstone


 Sandy Siltstone


 Dolomitic


 Calcareenite


 Sandstone


 Calcareous Siltstone


 Fossils


 Calcisiltite


 Coal


 Argil Sandstone


 Foraminiferae


 Calcilutite


 Intrusive Volcanics


 Calcareous Sandstone


 Carbonaceous


 Sandy Claystone


 Volcaniclastics


 Dolomitic Sandstone


 Chert


 Silty Claystone


 Tuff


 Silty Sandstone

 Pyrite

 Calcareous Claystone


 Cement


 Glauconite


 Mica


 Argil Calcilutite


ENGINEERING


 Test


 FIT or LOT


 Mud loss

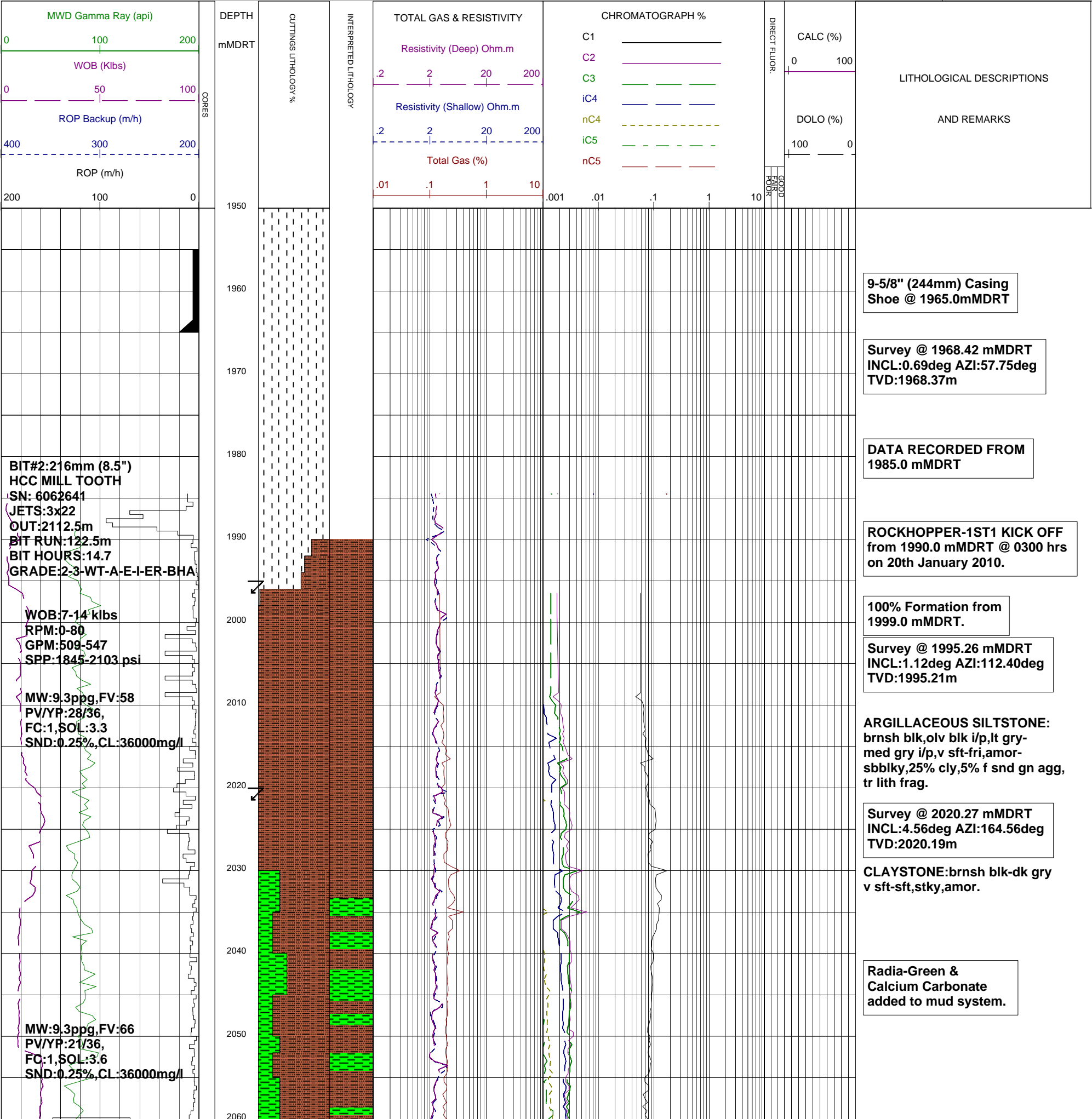
 Mud gain

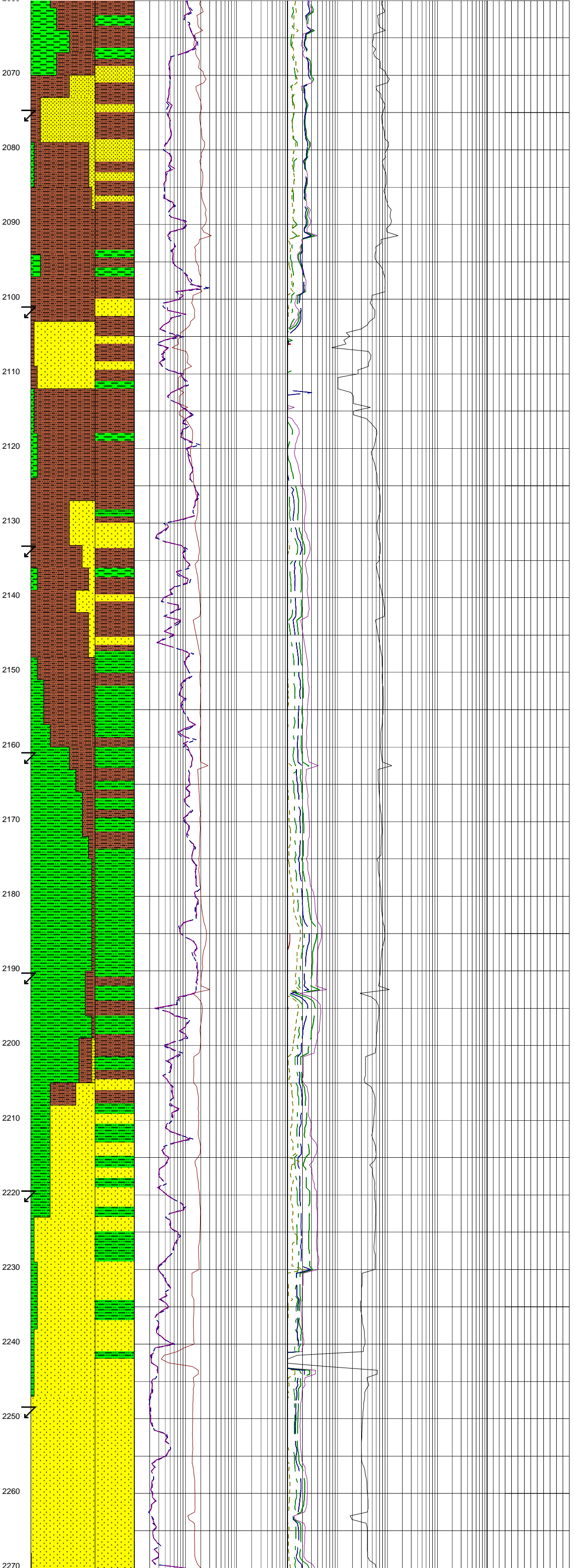
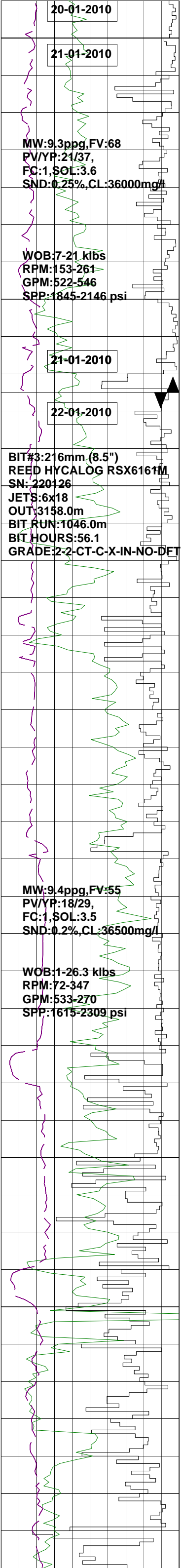
 Deviation survey

 Core

 Shoe

 Calcmety





Survey @ 2076.85 mMDRT
INCL:8.58deg AZI:180.86deg
TVD:2076.39m

ARGILLACEOUS SILTSTONE:
brnsh blk,olv blk i/p,lt gry-med
gry i/p,v sft-fri,amor-sbblky,25%
cly,5% f snd gn agg,tr lith frag.

Survey @ 2101.74 mMDRT
INCL:10.33deg AZI:180.02deg
TVD:2100.90m

SANDSTONE:v lt gry-lt gry,wh-
yelsh gry,5% v f,10% f,50% med,
35% crs snd,fri-mod hd,mod-wl
srtd,rnd-sbang,sbsph-sph,5%
cly,1% calc cmt,tr lith frag,gd
inf por,no hydc fluor.

Survey @ 2133.86 mMDRT
INCL:11.00deg AZI:184.57deg
TVD:2132.5m

SANDSTONE:lse gns,clr-op,rr
wh-pl yel,10% v f,15% f,70% med,
5% crs gns,v pr srtd,sbrnd-
sbang,sbelong-sbsph,gd inf por,
com frac gns,tr incl,no hydc fluor.

SILTY CLAYSTONE:olv gry-
brn,rr wh,v sft-frm,amor-
sbblky,tr pyr,tr carb spks,
calc i/p.

Survey @ 2162.64 mMDRT
INCL:12.26deg AZI:191.23deg
TVD:2160.7m

ARGILLACEOUS SILTSTONE:
brnsh gry,yelsh gry,lt brn i/p,
v sft-frm,amor-sbblky,tr lith frag,
tr carb spks,tr pyr,tr micromic.

SILTY CLAYSTONE:olv gry-
brn,rr wh,v sft-frm,amor-sbblky,
tr pyr,tr carb spks,calc i/p.

Survey @ 2191.04 mMDRT
INCL:14.11deg AZI:193.69deg
TVD:2188.3m

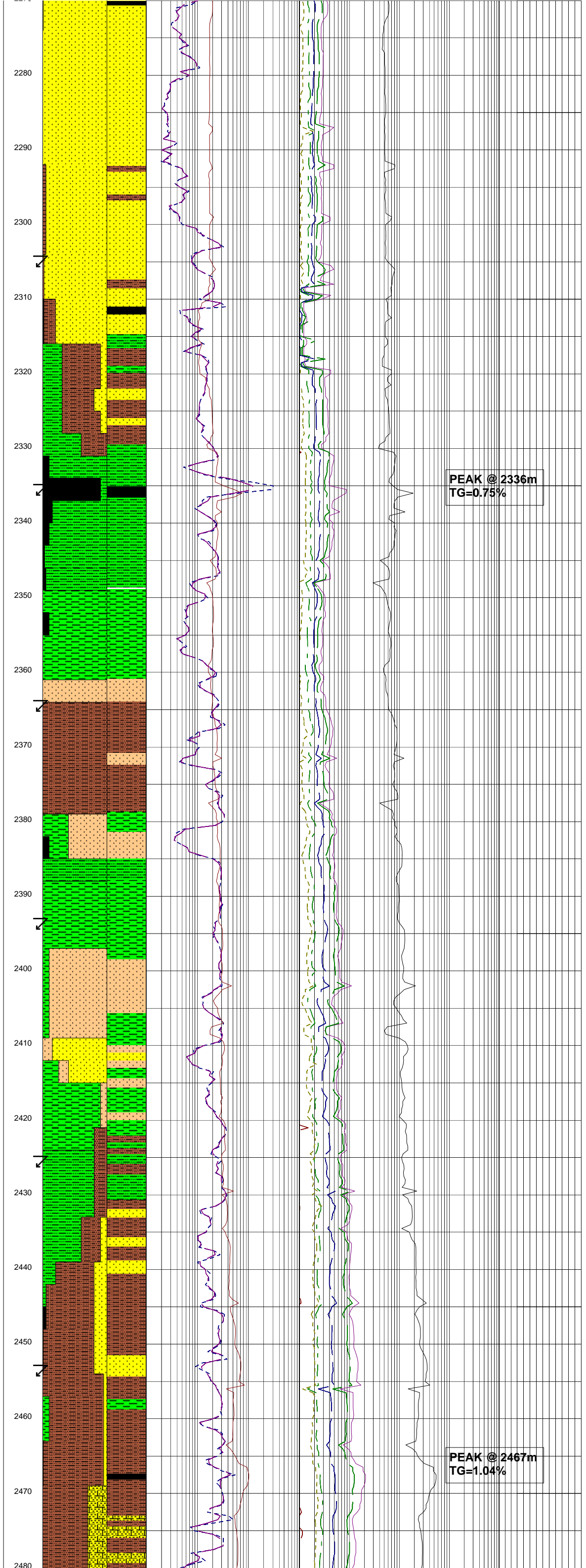
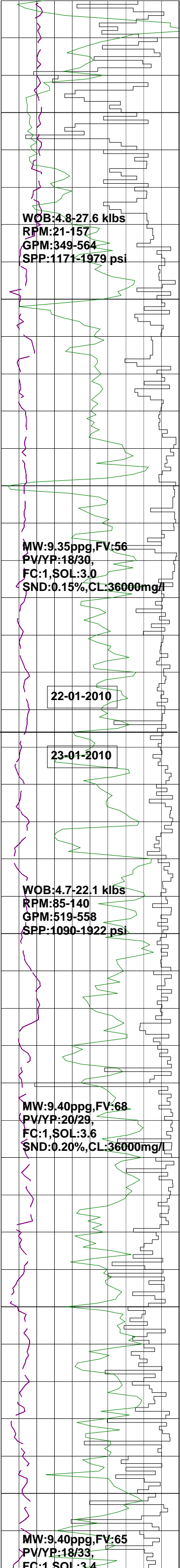
ARGILLACEOUS SANDSTONE:
lt brn-yelsh brn,fri-frm,
80% v f,20% f,mod srtd,ang-
sbrnd,sbsph-sbelong,tr micro
mic,tr pyr,pr-fr vis por,
no hydc fluor.

Survey @ 2221.57 mMDRT
INCL:17.25deg AZI:200.87deg
TVD:2217.7m

SANDSTONE:lse gns,clr,trnsl,
wh,pl yel,60% v f,10% f,10% med,
5% crs,5% v crs gns,v pr srtd,ang-
sbrnd,sbsph-elong,com frac gns,
com incl,gd inf por,no fluor.

Survey @ 2250.0 mMDRT
INCL:21.13deg AZI:203.77deg
TVD:2244.5m

COAL:blk-dk gnsh blk,vit



lstr,frm-hd,conch frac,com ang frag.

SANDSTONE:lse gns,clr,trnsl, wh,pl yel,60% v f,10% f,10% med, 5% crs,5% v crs gns,v pr srtd, ang-sbrnd,sbsph-elong,com frac gns,com incl,gd inf por,no fluor.

Survey @ 2305.36 mMDRT
INCL:27.89deg AZI:201.28deg
TVD:2294.9m

ARGILLACEOUS SILTSTONE:
lt brn-lt brnsh gry,v sft- sft,amor-sbblky,tr micromic, tr pyr,tr carb spks.
COAL:blk-grysh blk,frm-mod hd,ang-conch frac,vit lstr.

SANDSTONE:wh,sft-frm agg, 40% v f,10% med,5% crs,5% v crs,v pr srtd,ang-sbrnd, sbelong-sbsph,tr pyr,fr inf por,no fluor.

Survey @ 2335.32 mMDRT
INCL:29.38deg AZI:198.65deg
TVD:2321.20m

COAL:blk,frm-hd,ang-conch, vit lstr,occ hackly,tr calc veins.

SILTY CLAYSTONE:lt brnsh gry-lt olv gry,v sft-sft,amor- disp,tr micromic,tr pyr.

CLAYSTONE:yelsh gry-lt olv gry,lt brnsh gry i/p,amor- disp,tr mic,tr lith frag.

Survey @ 2364.03 mMDRT
INCL:31.55deg AZI:195.91deg
TVD:2345.9m

SILTSTONE:olv gry-dk grnsh gry,brnsh gry i/p,v sft- sft,amor-sbblky,5% cly,5% v f qtz snd,tr lith frag,tr coal.

ARGILLACEOUS SILTSTONE:
lt brn,lt brnsh gry,brnsh gry,wh i/p, v sft-frm,amor-sbblky,20% cly, 5% v f snd,tr lith frag,tr coal.

CLAYSTONE:olv gry-lt olv gry, yelsh gry-lt brnsh gry i/p,v sft,20% slt,1% v f snd,tr lith frag,tr mic,tr pyr,tr carb spks.
SILTY CLAYSTONE:olv gry- lt gry,yelsh gry-brnsh gry i/p,v sft,amor,20% slt,1% v f snd,tr lith,tr pyr,tr mic,tr carb spks.

Survey @ 2393.22 mMDRT
INCL:33.06deg AZI:193.25deg
TVD:2370.6m

SILTSTONE:olv blk-olv gry, grnsh blk i/p,sft-frm,blky-sbblky, 10% cly,1% f snd,tr lith frag, tr coal.

SANDSTONE:wh-yelsh gry,opq, lse,20% v f,60% f,10% med,10% crs grn,mod srtd,ang-sbrnd,sb elong-sbsph,pr-fr inf por,no fluor.

SILTSTONE:olv blk-olv gry,lt brnsh gry i/p,sft-frm,sbbky- blky,occ inter lam.

Survey @ 2424.12 mMDRT
INCL:34.38deg AZI:191.99deg
TVD:2396.3m

SANDSTONE:wh-yelsh gry,fri- lse,40% v f,40% f,20% med gns, pr-mod srtd,sbang-sbrnd,sbelong -sbsph,tr micromic,tr pyr,pr-fr vis por,no fluor.

ARGILLACEOUS SILTSTONE:
lt brn,lt brnsh gry,brnsh gry,wh i/p,v sft-frm,amor-sb blky,20% cly,5% v f snd,tr lith frag,tr coal.

Survey @ 2453.60 mMDRT
INCL:35.37deg AZI:186.44deg
TVD:2420.5m

COAL:blk,frm-mod hd,ang- conch frac,shiny-vit lstr.

CALCAREOUS SANDSTONE:
wh-yelsh gry,frm-hd,40% v f, 40% f,20% med gns,pr-mod srtd, sbang-sbrnd,sbelong-sbsph,tr

PEAK @ 2336m
TG=0.75%

PEAK @ 2467m
TG=1.04%

SND:0.20%,CL:37000mg/l

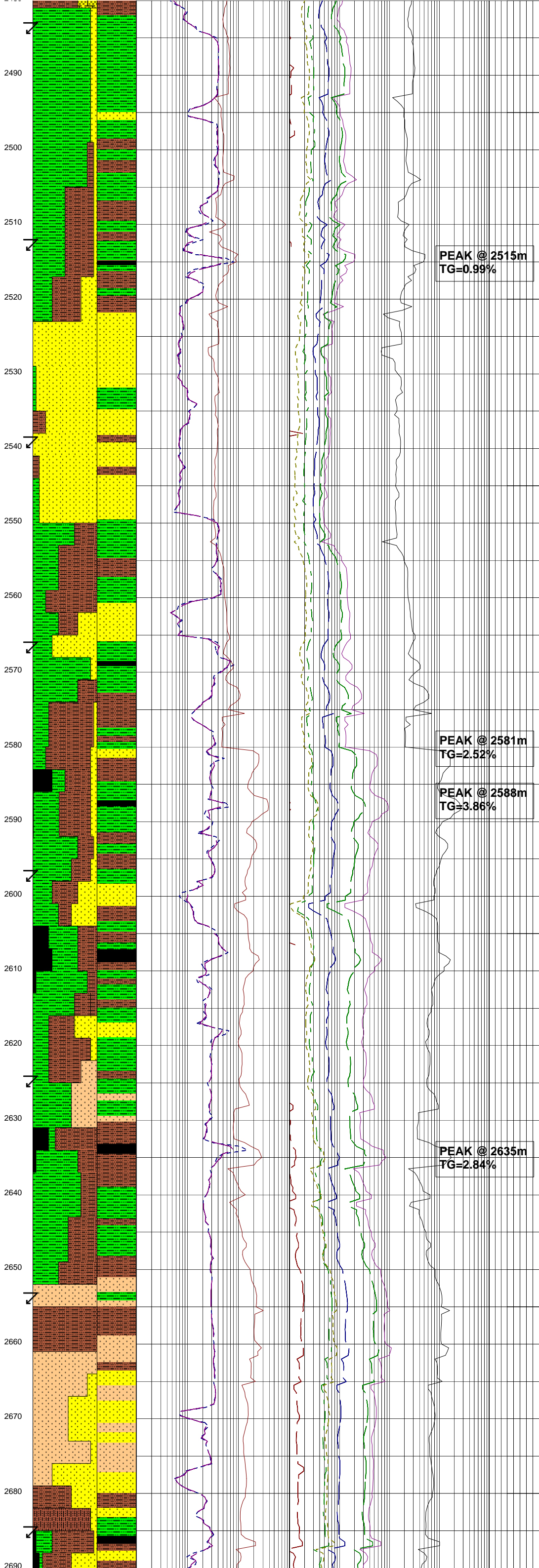
WOB:3-22 klbs
RPM:47-133
GPM:254-546
SPP:856-1908 psi

MW:9.40ppg,FV:58
PV/YP:19/30,
FC:1,SOL:3.4
SND:0.25%,CL:37000mg/l

WOB:5.9-14.8 klbs
RPM:68-114
GPM:522-746
SPP:1646-2227 psi

MW:9.35ppg,FV:66
PV/YP:19/34,
FC:1,SOL:3.0
SND:0.25%,CL:37000mg/l

WOB: 4.7-18.6 klbs



micromica, tr pyr, calc cmt, thn
hd stngr, pr vis por, no fluor.

Survey @ 2483.2 mMDRT
INCL:36.66deg AZI:186.44deg
TVD:2444.4m

SILTY CLAYSTONE: olv gry-
lt gry, yelsh gry, brnsh gry i/p,
v sft, amor, 20% slt, 1% f snd,
tr mic, tr lith frag.

ARGILLACEOUS SILTSTONE:
brnsh gry-olv gry, sft frm, sbblky
-blky, tr micromic, tr pyr, blk carb
spks.

Survey @ 2512.34 mMDRT
INCL:35.35deg AZI:185.57deg
TVD:2468.0m

**COAL:blk,frm-mod hd,ang-
conch frac,shiny-vit lstr.**

SANDSTONE:lse gns,clr,wh,
lt yel,20% v f,60% f,10% med,
10% crs,pr srted,sbang-sbrnd,
sbsph-sbelong,tr pyr,tr frac
gns,mod inf por,no fluor.

Survey @ 2539.22 mMDRT
INCL:36.13deg AZI:185.30deg
TVD:2489.8m

SANDSTONE:lse gns,clr,wh,
opq,20% v f,60% f,10% med,
10% crs,pr srted,sbang-sbrnd,
sbsph-sbelong,tr pyr,tr frac
gns,fr inf por,no fluor.

ARGILLACEOUS SILTSTONE:
brnsh gry-lt brnsh gry,sft frm,
sbbly-blky,tr micromic,tr pyr,
tr carb spks.

Survey @ 2567.35 mMDRT
INCL:35.96deg AZI:183.83deg
TVD:2512.6m

SANDSTONE:lse gns,clr,wh,
lt yel,20% v f,60% f,10% med,
10% crs,pr srted,sbang-sbrnd,
sbsph-sbelong,tr pyr,tr frac
gns,mod inf por,no fluor.
SILTY CLAYSTONE:lt brnsh
gry-brnsh gry,v sft-sft,amor-
sbbblky,tr mic,tr pyr,tr carb
spks.

**COAL:blk,frm-mod hd,ang-
conch frac,tr pyr.**

Survey @ 2596.63 mMDRT
INCL:35.77deg AZI:183.27deg
TVD:2536.3m

SANDSTONE:lse gns w/rr wh
& yelsh gry agg,clr,wh,opq,20%
v f,60% f,10% med,10% crs,p
srtd,sbang-sbrnd,sbsph-sb
elong,tr pyr,fr inf por,no fluor.
COAL:blk,frm-hd,ang-conch,
tr pyr.

SILTY CLAYSTONE:lt brnsh
gry-brnsh gy,v lt gry i/p, v
sft,amor-disp,20% slt,tr mic.

ARGILLACEOUS SILTSTONE:
brnsh gry-lt brnsh gry,frm-fri,
sbbly-bky,25% cly,tr pyr,tr
mic,tr coal.

Survey @ 2623.25 mMDRT
INCL:35.68deg AZI:182.9deg
TVD:2557.9m

COAL:blk,frm-hd,ang-
conch,svvit-vit lstr,tr pyr.
SILTY CLAYSTONE:lt brnsh
gry-v lt gry,v sft-sft,amor-
disp,20% slt.

Survey @ 2653.75 mMDRT
INCL:34.85deg AZI:179.74deg
TVD:2582.8m

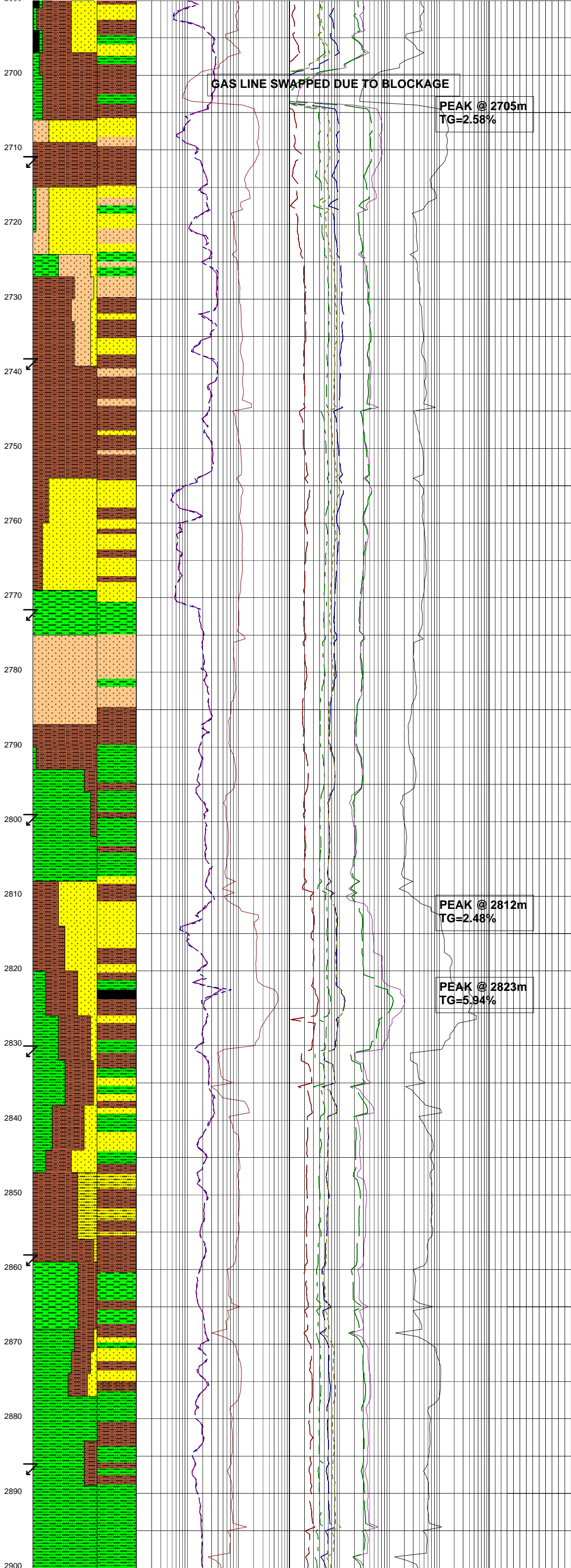
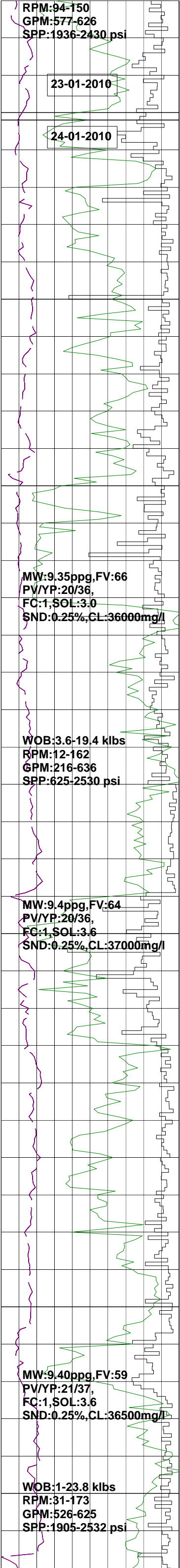
SILTSTONE:olv blk-lt olv
gry,med lt gry-med gry i/p,frm-hd,
sbbky-ang,5% cly,tr pyr,tr coal.

SANDSTONE:wh,yelsh gry,v
lt gry,sbbiky-ang,25% v f,70%
f,5% med gn,sbrnd,sbsph,wl
srtd,pr inf por,no fluor.

SILTSTONE:olv blk-lt olv
gry,med lt gry-med gry i/p,frm-hd,
sbbky-ang,15% cly,tr pyr,tr coal.

Survey @ 2684.95 mMDRT
INCL:35.97deg AZI:178.78deg
TVD:2608.2m

ARGILLACEOUS SILTSTONE:
olv gry,brnsh gry,brnsh blk i/p,
v sft frm,amor-sbbiky,25% cly,



tr lith frag.

SANDSTONE:wh,yelsh gry,
lse,25% vf,65% f,10% med,
sbrnd-sbang,mod-wl srtd,
sbsph-sbelong,fr-gd inf
por,no fluor.

ARGILLACEOUS SILTSTONE:
olv gry,brnsh gry,brnsh blk i/p,
v sft-frm,amor-sbblky,20% cly,
tr coal,tr lith frag.

Survey @ 2711.61 mMDRT
INCL:35.67deg AZI:174.14deg
TVD:2629.9m

SANDSTONE:wh,yelsh gy,lse,
opq,15% vf,30% f,40% med,10%
crs,5% v crs,sbrnd-sbang,sbsph-
sph,mod-wl srtd,gd inf por,no
fluor.

Survey @ 2739.68 mMDRT
INCL:35.45deg AZI:177.12deg
TVD:2652.7m

ARGILLACEOUS SILTSTONE:
olv gry,brnsh gry,brnsh blk
i/p,v sft-frm,amor-sbblky,
25% cly,tr lith frag.

SANDSTONE:wh-yelsh gry,opq,
lse-fri,20% v f,40% f,30% med,
10% crs,sbrnd-sbang,mod-wl
srtd,sbsph-sph,pr-fr inf por,
no fluor.

Survey @ 2771.60 mMDRT
INCL:35.52deg AZI:176.05deg
TVD:2678.7m

ARGILLACEOUS SILTSTONE:
olv gry-olv blk,brnsh gry-lt
brnsh gry,sft-frm,sbblky-blky,
tr micromic,tr carb spks,tr pyr.

SILTY CLAYSTONE:olv gry-
olv blk,v sft-sft,sbblky,tr pyr,
carb spks.

Survey @ 2799.25 mMDRT
INCL:35.58deg AZI:174.76deg
TVD:2701.2m

SANDSTONE:wh-lt brn,lse-fri,
30% v f,40% f,20% med,10% crs
gns,sbang-sbrnd,sbelong-sbsph,
v pr srtd,abd wh amor rk flour,
tr micromic,tr pyr,tr carb spks.

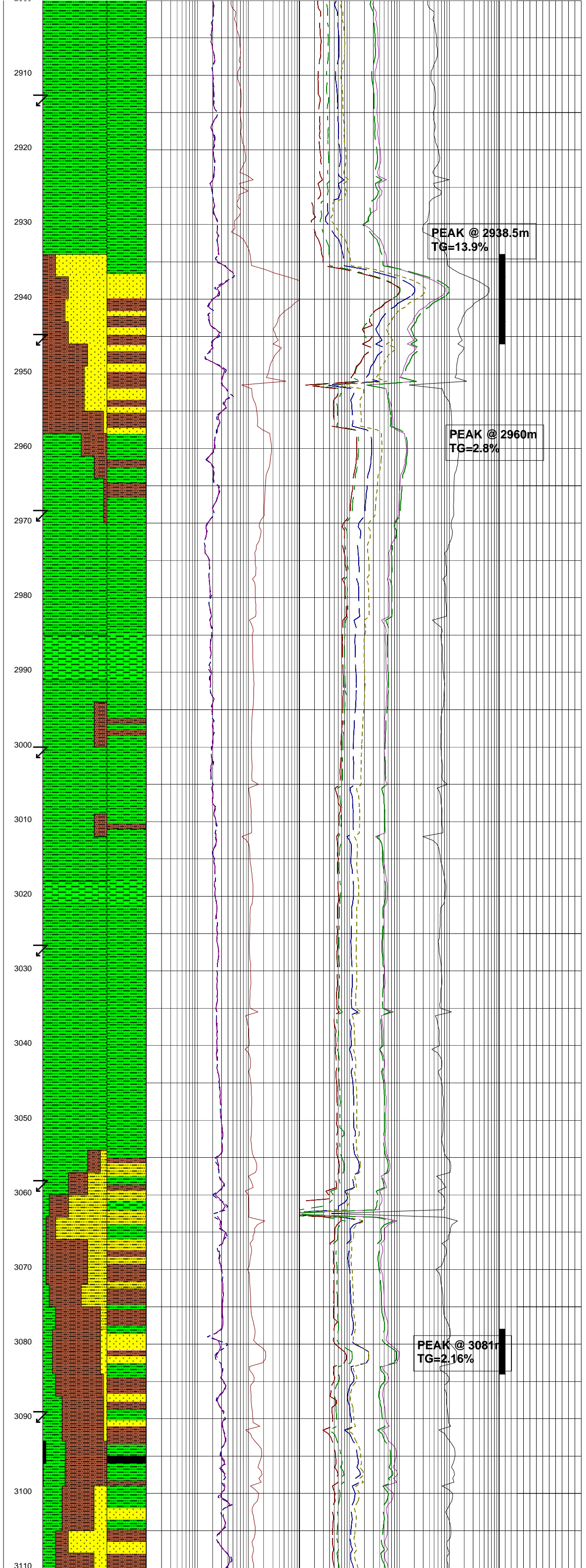
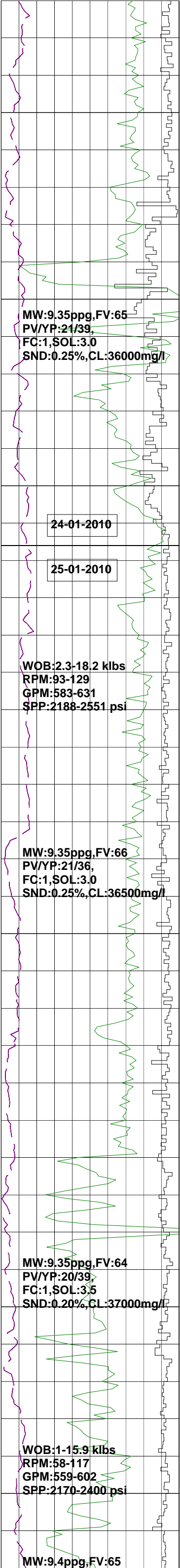
Survey @ 2830.33 mMDRT
INCL:35.66deg AZI:174.48deg
TVD:2726.2m

Survey @ 2858.86 mMDRT
INCL:35.40deg AZI:174.28deg
TVD:2749.7m

CLAYSTONE:lt olv gry,olv
gry,sft-frm,ang-sbblky,tr pyr,
micromic.

Survey @ 2886.55 mMDRT
INCL:35.44deg AZI:174.82deg
TVD:2772.2m

SILTY CLAYSTONE:olv gry-
olv blk,v sft-sft,sbblky,tr pyr,
carb spks.



Survey @ 2912.81 mMDRT
INCL:35.59deg AZI:174.71deg
TVD:2793.6m

SANDSTONE:wh,lt olv gry,
yelsh gry,fri-frm,5% wh cly
mtrx,30% v f,50% f,15% med,
5% crs gns,sbang-sbrnd,pr-mod
srtd,sbelong-sbsph,tr sil cmt,
tr mic,pr-fr vis por,pr hydc fluor.
FLUOR 2937-2949mMDRT:
5-20%,dll yel,slw strmg blush
wh crsh ct,dll yel gn res rng.

Survey @ 2944.72 mMDRT
INCL:35.73deg AZI:174.86deg
TVD:2819.5m

ARGILLACEOUS SILTSTONE:
lt olv gry-olv gry,brnsh gry,sft
-frm,ang-sbblky,20% cly,tr mic,
tr coal.

Survey @ 2970.13 mMDRT
INCL:33.6deg AZI:176.07deg
TVD:2840.4m

SILTY CLAYSTONE:olv gry-
olv gry,brnsh gry,sft-frm,sbblky-
-blky,24% slt,tr f gn qtz snd,
tr pyr,tr mic,tr coal.

CLAYSTONE:olv gry-gry,brnsh
gry,sft-frm,sbblky-blky,15% slt,
tr pyr,tr mic,tr coal.

Survey @ 3001.24 mMDRT
INCL:33.13deg AZI:177.20deg
TVD:2866.4m

SILTY CLAYSTONE:olv gry-
olv gry,brnsh gry,sft-frm,sbblky-
-blky,15% slt,tr pyr,tr mic.

Survey @ 3026.7 mMDRT
INCL:33.59deg AZI:177.54deg
TVD:2887.7m

SILTY CLAYSTONE:lt olv gry,
olv gry,brnsh gry,sft-frm,blky-
sbblky,30% slt,tr mic,tr carb
spks.

Survey @ 3059.36 mMDRT
INCL:34.65deg AZI:177.11deg
TVD:2914.7m

ARGILLACEOUS SANDSTONE:
wh-yelsh gry,40% v f,40% f,20% med
gns,sbang-sbrnd,sbsph-sph,pr srtd,
tr pyr,tr carb spks,tr micromic,fr vis
por,no hydc fluor.

ARGILLACEOUS SILTSTONE:
olv gry,brnsh gry,lt olv gry,
sft-frm,ang-sbblky,tr pyr,tr
micromic,tr carb spks.

SANDSTONE:wh-yelsh gry,40%
v f,40% f,20% med gns,sbang-
sbrnd,sbsph-sph,pr srtd,tr pyr,
tr carb spks,tr micromic,fr vis
por,fr-wk hydc flour,frm tr agg.

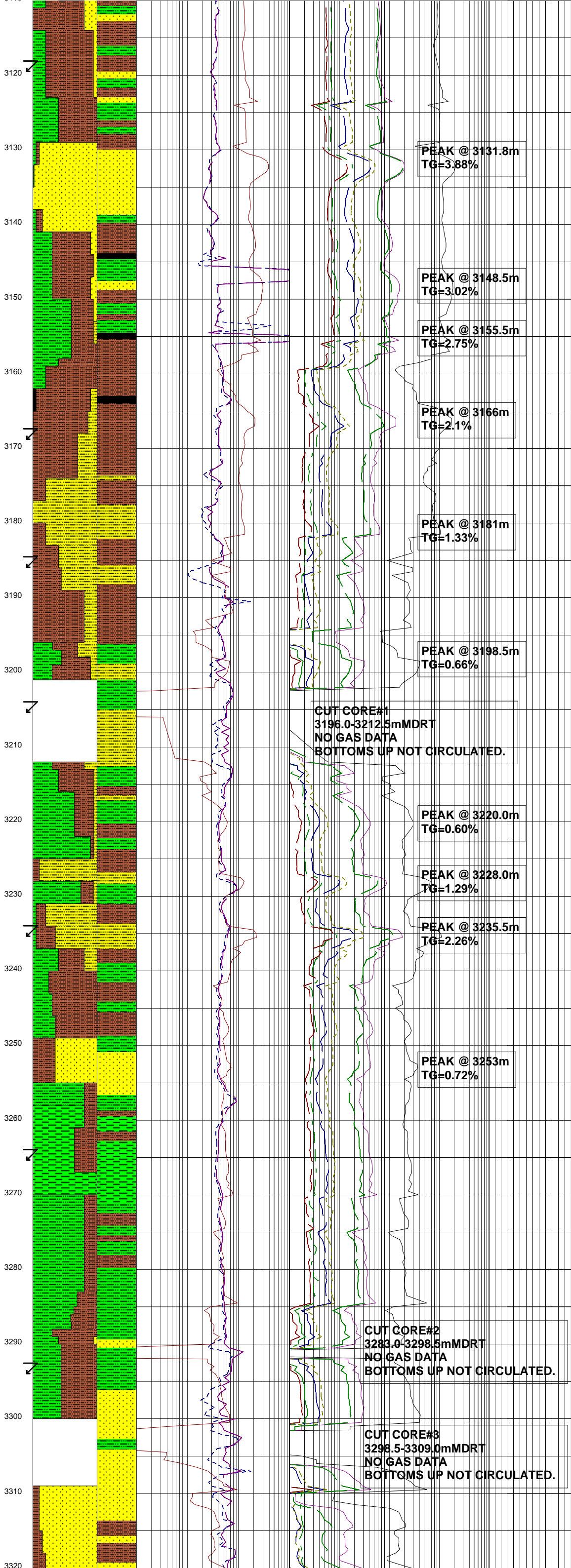
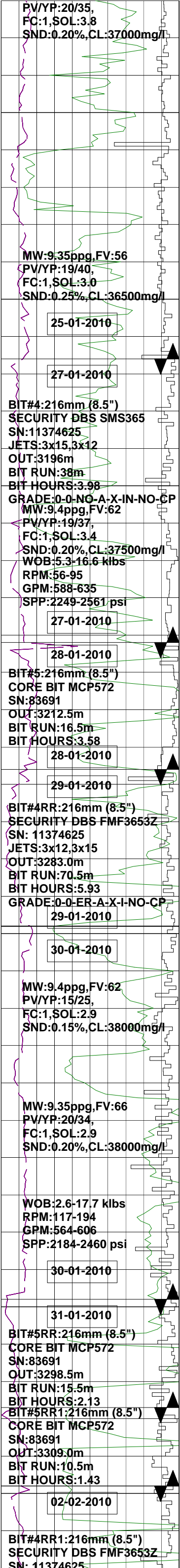
FLUOR 3081-3084mMDRT:
mod brt wh dir uv fluor,v slw
blush wh stmg ct,thn dll
blush grn res ring.

Survey @ 3089.54 mMDRT
INCL:35.50deg AZI:176.65deg
TVD:2939.4m

PEAK @ 2938.5m
TG=13.9%

PEAK @ 2960m
TG=2.8%

PEAK @ 3081m
TG=2.16%



Survey @ 3118.07 mMDRT
INCL:35.57deg AZI:177.66deg
TVD:2962.6m

SANDSTONE:wh,clr,lt yel,lse-rr fri agg,30% v f,60% f,5% crs gns,sbang-sbrnd,sbelong-sbsph, v pr srt,abd wh amor rk flour,tr incl,tr micromic,tr pyr,tr carb spks,gd inf por,no hydc fluor.

SILTY CLAYSTONE:olv gry-olv blk,lt olv gry,sft-frm, sbblky-blky,20% slt,tr carb spks,tr pyr,tr micromic.

COAL:blk,frm-hd,ang-conch, sbvit-vit lstr.

POOH from 3158mMDRT
LWD tools failed.
(Gamma/ABG/Dir)

Survey @ 3167.94 mMDRT
INCL:35.62deg AZI:178.03deg
TVD:3003.2m

ARGILLACEOUS SANDSTONE: wh-lt yelsh gry & lt gry,sft-frm agg,40% v f,40% f,20% med gns, pr srt,sbang-sbrnd,sbsph-sph,tr incl & frac,com arg mtx & carb spks,rr carb lam,fr inf por,no hydc fluor.

Survey @ 3185.30 mMDRT
INCL:35.62deg AZI:178.52deg
TVD:3017.3m

POOH for CORE#1
from 3196.0mMDRT

Survey @ 3203.43 mMDRT
INCL:35.49deg AZI:178.76deg
TVD:3032.0m

CORE RUN#1
3196.0-3212.5mMDRT
CUT 16.5m
RECOVERED 13.38m
RECOVERY 81%

ARGILLACEOUS SANDSTONE: wh,yelsh gry,sft-frm,30% cly, 40% v f,40% f,15% med,5% crs, ang-sbrnd,v pr-pr srt,sbelong-sbsph,pr-fr vis por,tr qtz cmt, tr coal,tr mic,no hydc fluor.

Survey @ 3234.73 mMDRT
INCL:35.84deg AZI:179.25deg
TVD:3057.5m

ARGILLACEOUS SILTSTONE: olv gry,brnsh gry,lt olv gry, sft-frm,amor-blky,30% cly,tr coal,tr pyr,tr mic.

SANDSTONE:wh,yelsh gry, lt olv gry,frm,10% cly,20% vf 30% f,60% med,5% crs,5% v crs, ang-sbrnd,v pr-pr strd,sbelong-sbsph,fr vis por,tr qtz cmt, no hydc fluor.
CLAYSTONE:olv gry-olv blk, brnsh gry,sft-v sft,amor-sbblky, 15% slt,tr coal,tr mic,tr pyr.

Survey @ 3264.81 mMDRT
INCL:35.66deg AZI:178.72deg
TVD:3081.9m

SILTY CLAYSTONE:olv gry-olv blk,lt olv gry,sft-v sft,amor-sbblky, 20% slt,tr coal,tr mic,tr pyr.

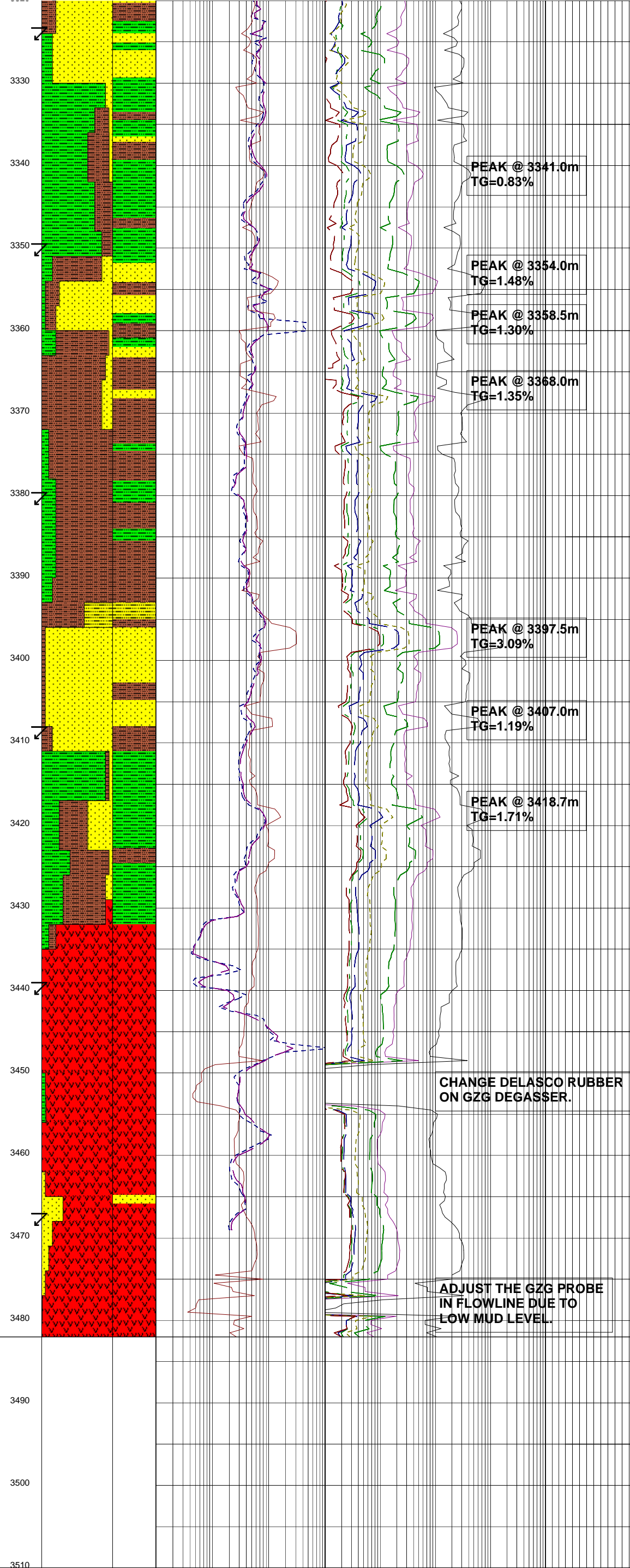
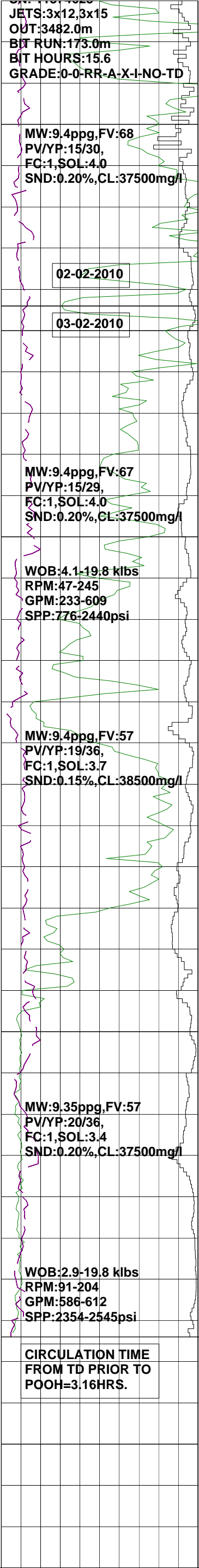
POOH for CORE#2
from 3283.0mMDRT

CORE RUN#2
3283.0-3298.5mMDRT
CUT 15.5m
RECOVERED 14.08m
RECOVERY 91%

CORE RUN#3
3298.5-3309.0mMDRT
CUT 10.5m
RECOVERED 9.5m
RECOVERY 90%

Survey @ 3293.65 mMDRT
INCL:34.97deg AZI:178.07deg
TVD:3105.4m

SANDSTONE:wh,yelsh gry,lse-fri, 5% wh cly mtrx,10% f,55% med,25% crs,10% v crs,ang-sbrnd,v pr srt,



sbelong-sbsp,tr qtz cmt,tr v f qtz gn,pr-fr vis por,no hydc fluor.
ARGILLACEOUS SILTSTONE:olv blk-blk olv gry,brnsh gry i/p,sft-frm, blkly-sbblky,20% cly,tr pyr,tr mic.

Survey @ 3323.61 mMDRT
INCL:35.99deg AZI:178.66deg
TVD:3129.8m

SILTY CLAYSTONE:olv blk-lt olv gry,sft-frm, amor-sbblky, 25% slt,tr mic,tr pyr.

Survey @ 3350.05 mMDRT
INCL:35.35deg AZI:178.82deg
TVD:3151.3m

SANDSTONE:wh,yelsh gry,lse-fri,5% wh cly mtrx,20% v f,35% f, 30% med,15% crs,sbang-sbrnd, pr srted,sbelong-sbsp,pr-fr vis por,tr sil cmt,no hydc shows.

ARGILLACEOUS SILTSTONE: olv blk-lt olv gry,brnsh gry i/p, sft-frm,blkly-sbblky,20% cly,tr v f-f grn qtz snd,tr mic,tr pyr,tr lith frag.

Survey @ 3379.25 mMDRT
INCL:35.64deg AZI:179.95deg
TVD:3175.1m

ARGILLAEIOUS SANDSTONE: wh-yelsh gry,sft-frm,20% cly, 20% v f,60% f,20% med,sbrnd-rnd,mod srted,sbsp-sph,tr qtz cmt,com blk carb lam i/p,pr-fr vis por,no cut fluor,com pnpt brit wh minrl fluor frm sd mtx.

Survey @ 3408.14 mMDRT
INCL:35.78deg AZI:180.50deg
TVD:3198.5m

SANDSTONE:wh,yelsh gry,frm-fri,5% calc cly,20% v f,20% f, 60% med gns,sbang-sbrnd,sbsp-sph,pr-mod srt,tr mic & carb spks,pr vis por,no cut fluor,com pnpt brit wh minrl fluor frm sd mtx.

SILTY CLAYSTONE:olv blk-lt olv gry,v sft-frm,amor-blky, non calc,tr micromic & pyr.

Survey @ 3439.04 mMDRT
INCL:36.10deg AZI:180.75deg
TVD:3222.8m

VARIABLY WEATHERED/ DEGRADED VOLCANICS: wh-lt grn & occ dk grn,sft-mod hd i/p,ang-blky,tr remnant basaltic txt,tr qtz gns,com wh calc mtrx,tr lt brn kaolinitic, occ frsh chlorite xln @ centre of the agg.

Survey @ 3467.05 mMDRT
INCL:35.47deg AZI:179.36deg
TVD:3245.6m

SANDSTONE:dk grn,dk grnsh gry,fri-frm,40% v f,60% f gns, sbang-ang,sbelng-sbsp,com grn chlorite,slt calc i/p,tr pyr,no hydc fluor.

ROCKHOPPER-1 ST1 reached TD of 3482.0mMDRT/3258.29mTVDRT on 03 Feb 2010 @ 14.30 hrs.

Completed Schlumberger wireline btwn 0830hrs 4th Feb-0430hrs 15th Feb,as follows:-
Run 1:SP-HRLA-PEX-HNGS-CMR
Run 2:XPT-GR
Run 3:MDT-GR
Run 4:FMI-DSI-GR
Run 5:VSI-GR
Run 6:MSCT-GR
Run 7:MRPA (DUAL PACKER)-GR

Wiper Trip Run was performed between Run 6 and Run 7