

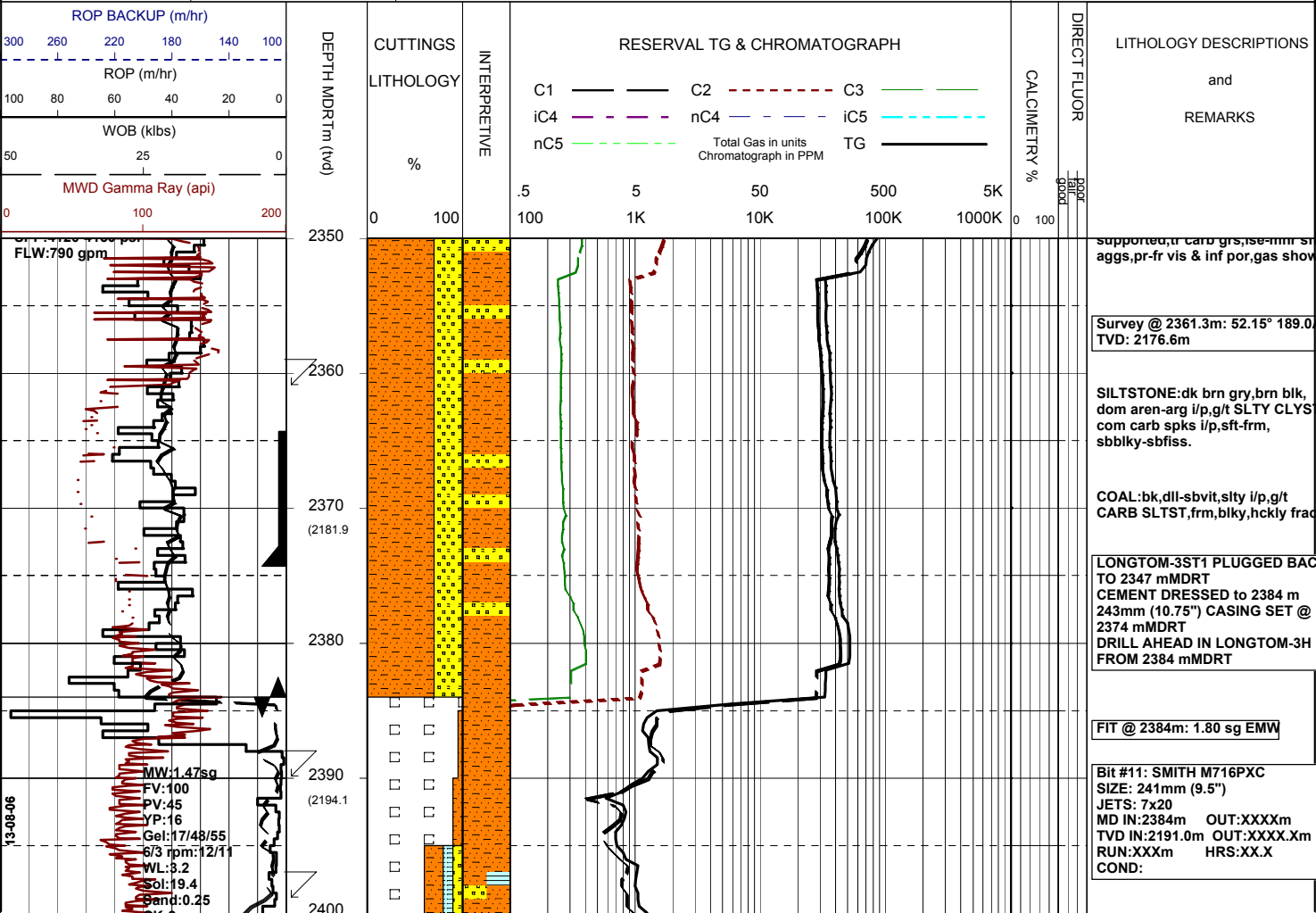


MASTERLOG LONGTOM-3H



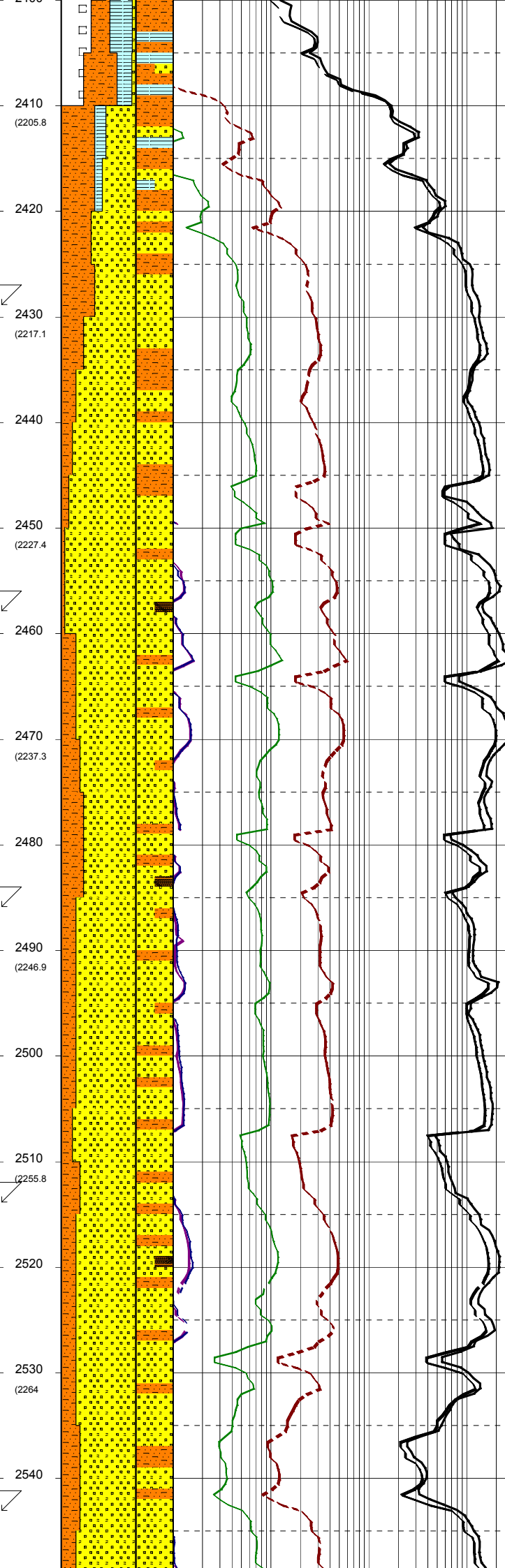
GENERAL	POSITION	HOLE / CASING INFO	DATE / DEPTH	ENGINEERS
Country : AUSTRALIA	Latitude : 38°05'34.63"S	914mm(36") hole to: 111.8m	Spud Date : 02-08-2006	T. N. KYAW
Permit : VIC/P54	Longitude : 148°18'41.52"E	559mm(22") hole to: 1005m	Total Depth Date : XX-XX-2006	A. DUNN
Field : LONGTOM	UTM Co-ord X (m E): 615006	241mm(9 1/2") hole to: m	Total Depth (mMDRT): m	D. ADDERLEY
Basin : GIPPSLAND	UTM Co-ord Y (m N): 5783059.3	762mm(30") Cond. to: 110.8m	True Vertical Depth (mTVDSS): m	P. RADY
Well Type : APPRAISAL	RT to LAT (m): 21.5	406mm(16") Csg. to: 995.32m	Log Scale : 1/ 500	
Rig: OCEAN PATRIOT	RT to Sea Bed (m): 78.2		Final Status : ??	

ABBREVIATIONS	LITHOLOGY LEGEND	ENGINEERING LEGEND																																																																
MW Mud Weight FV Funnel Viscosity PV Plastic Viscosity YP Yield Point Gel Gel Strength WL Water Loss KCl Potassium Chloride Cl Chlorides Incl Inclination Az Azimuth	<table border="0"> <tr><td></td><td>Claystone</td><td></td><td>Marl</td><td></td><td>Lithic Fragment</td></tr> <tr><td></td><td>Siltstone</td><td></td><td>Clay, Limestone</td><td></td><td>Foraminifera</td></tr> <tr><td></td><td>Shale</td><td></td><td>Limestone</td><td></td><td>Fossils</td></tr> <tr><td></td><td>Fine SST</td><td></td><td>Dolomite</td><td></td><td>Bryozoa</td></tr> <tr><td></td><td>Medium SST</td><td></td><td>Coal</td><td></td><td>Sponges</td></tr> <tr><td></td><td>Coarse SST</td><td></td><td>Volcanic</td><td></td><td>Brachiopoda</td></tr> </table>		Claystone		Marl		Lithic Fragment		Siltstone		Clay, Limestone		Foraminifera		Shale		Limestone		Fossils		Fine SST		Dolomite		Bryozoa		Medium SST		Coal		Sponges		Coarse SST		Volcanic		Brachiopoda	<table border="0"> <tr><td></td><td>Cement</td><td></td><td>Shoe</td></tr> <tr><td></td><td>Glauconite</td><td></td><td>DOLOMITE</td></tr> <tr><td></td><td>Pyrite</td><td></td><td>Deviation survey</td></tr> <tr><td></td><td>Iron Minerals</td><td></td><td>DST</td></tr> <tr><td></td><td>Mica</td><td></td><td>Test</td></tr> <tr><td></td><td>Siderite</td><td></td><td>Sidewall Core</td></tr> <tr><td></td><td></td><td></td><td>Core</td></tr> </table>		Cement		Shoe		Glauconite		DOLOMITE		Pyrite		Deviation survey		Iron Minerals		DST		Mica		Test		Siderite		Sidewall Core				Core
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WOB Weight on Bit (klbs) RPM Rotations Per Min FLW Flow Rate (gpm) SPP Pump Pressure (psi) RR Re-Run Bit TG Trip Gas CG Connection Gas BG Background Gas DGP Drilled Gas Peak MM Mud Motor																																																																		



WQB:10-18 kls
RPM:160-180
SPP:3500-4060 psi
FLW:660-730 gpm

WOB:10-18 kls
RPM:160-170
SPP:3900-4050 psi
FLW:720-800 gpm



SILTSTONE:med dk brn,dk gry,
dom arg g/t SLTY CLYST,com ca
spks,frm-mod hd,sbbiky-sbfiss.

Survey @ 2399.8m: 53.53° 190.4
TVD: 2200.1m

CLAYSTONE:dk gry,br gry,carb
spks & lsm,frm-rr mod hd,
sbbiky-blky.

SANDSTONE:clr-trnsl,grs,dom r
rr crs,mod wl srtd,sbang-sbrnd,
mod strg sil cmt,tr arg mtx,tr
carb spks,lse-mnr fri,pr-fr vis
& inf por,gas show.

Survey @ 2428.9m: 57.75° 191.2
TVD: 2216.5m

SILTSTONE:med dk brn,dk gry,
dom arg g/t SLTY CLYST,com ca
spks,frm-mod hd,sbbiky-sbfiss.

SANDSTONE:clr-trnsl,dom f-me
mod wl srtd,sbang-sbrnd,
tr sil cmt,mod wk calc cmt,rr
carb spks,dom lse-mnr fri,pr-fr
vis & inf por,gas show.

Survey @ 2457.8m: 59.95° 191.2
TVD: 2231.4m

SILTSTONE:med dk brn,dk gry,
dom arg g/t SLTY CLYST,com ca
spks,frm-mod hd,sbbiky-sbfiss.

Survey @ 2486.8m: 62.12° 191.8
TVD: 2245.5m

SANDSTONE:clr-trnsl,dom f-me
rr crs,mod wl srtd,sbang-sbrnd,
mod wk calc cmt,com arg mtx,ca
mtx spprted,tr carb spks,dom ls
mnr fri aggs,fr inf & vis por,
gas show.

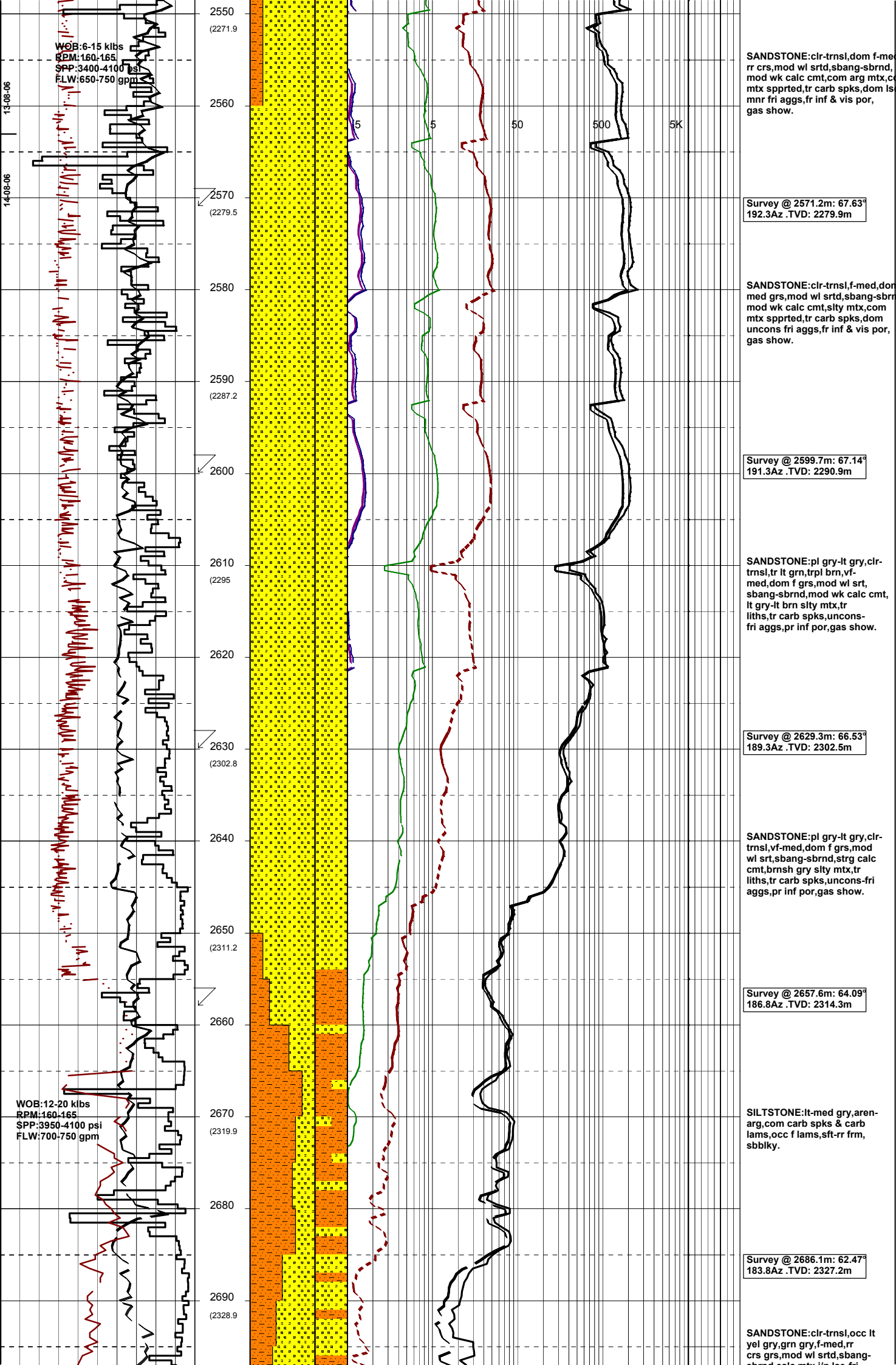
COAL:blk-brnsh blk,dli-sbvit,blk
v stly i/p & g/t CARBONACEOUS
SILTST.

Survey @ 2514.6m: 65.25°
193.0Az .TVD: 2257.8m

SILTSTONE:lt-med brn gry,com
dk brn gry,dom aren,arg i/p,
g/t SLTY CLYST,com carb spks,
frm-mod hd,sbbiky-sbfiss.

SANDSTONE:clr-trnsl,dom f-me
rr crs,mod wl srtd,sbang-sbrnd,
mod wk calc cmt,com arg mtx,ca
mtx spprted,tr carb spks,dom ls
mnr fri aggs,fr inf & vis por,
gas show.

Survey @ 2543.2m: 67.51°
193.2Az .TVD: 2269.2m



srntd,calc mtx i/p,lse-fr,
fr inf & vis por,no fluor.

SILTSTONE:med gry-med dk
gry,aren-arg,carb spks,
occ lam,frm,blky.

Survey @ 2714.8m: 64.94°
185.5Az .TVD: 2339.9m

SANDSTONE:clr-trnsl,occ lt
yel gry,grn gry,dom f-med,
rr crs,mod wl srtd,sbang-
sbrnd,calc mtx i/p,lse-fri,
fr inf & vis por,no fluor.

SILTSTONE:med gry-med dk
gry,aren-arg,fr carb spks,
occ lam,frm,blky.

Survey @ 2743.2m: 70.85°
187.3Az .TVD: 2350.6m

SANDSTONE:lt gry,clr-trnsl,
occ lt yel gry,grn gry,dom
f-med,rr crs,mod wl srtd,
sbang-sbrnd,calc mtx i/p &
occ strg calc cmt,uncons-
fri aggs,fr inf & vis por,
gas show.

Survey @ 2771.4m: 72.34°
188.7Az .TVD: 2359.5m

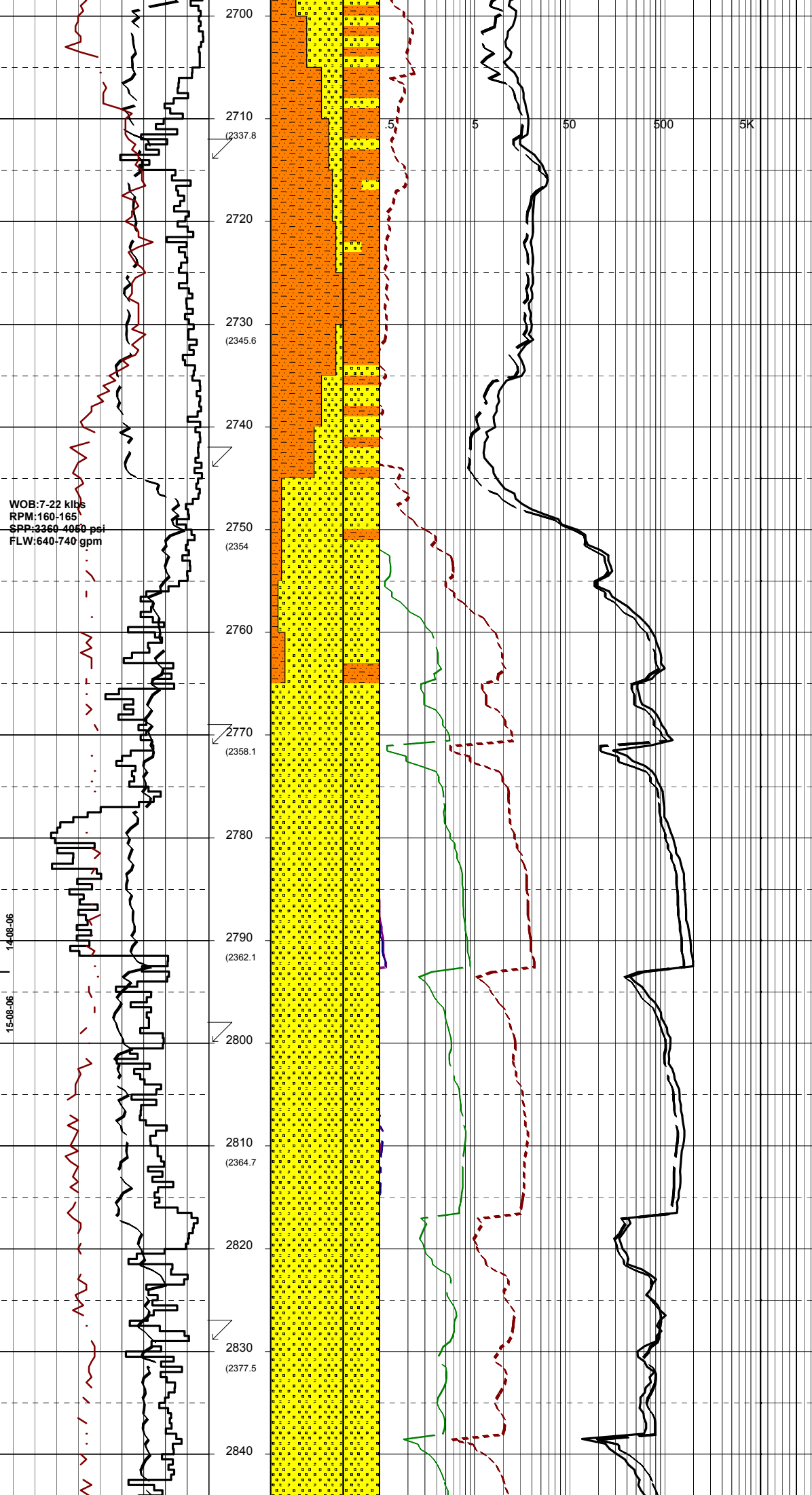
SANDSTONE:pl gry-lt gry,clr-
trnsl,tr pl grn-lt grn,vf-
med,wl srt,sbrnd,off wh-wh
arg mtx,tr liths,abdt carb
grs & frags,uncons-fri aggs,
fr inf por,gas show.

Survey @ 2799.8m: 71.80°
188.8Az .TVD: 2368.2m

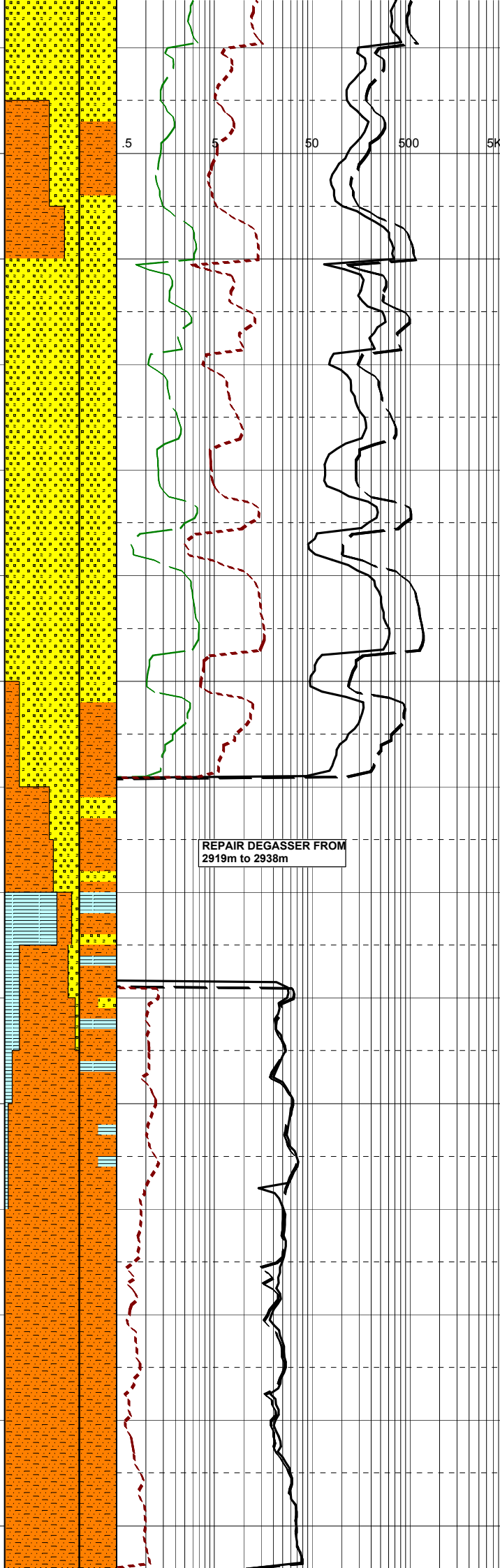
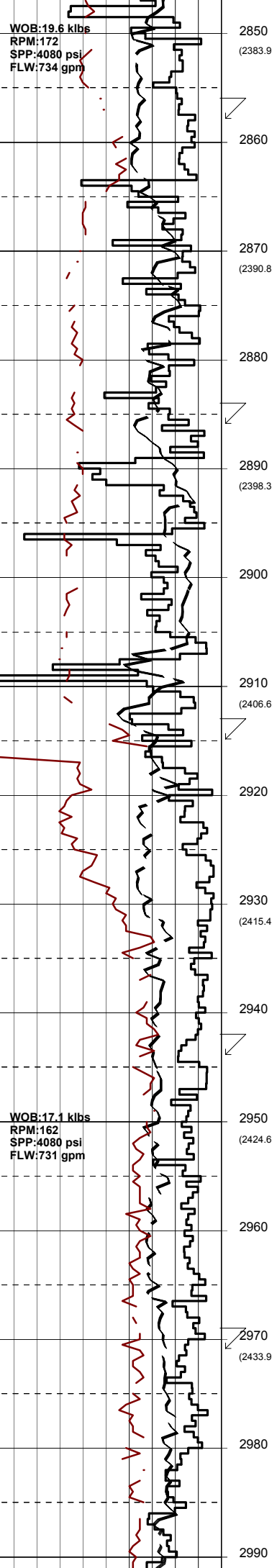
SANDSTONE:lt gry,clr-trnsl,
tr pl grn-lt grn,vf-med,wl
srt,sbrnd,off wh-wh arg mtx,
tr liths,abdt carb grs &
frags,uncons-fri aggs,fr inf
por,gas show.

Survey @ 2828.8m: 72.42°
188.4Az .TVD: 2377.1m

SANDSTONE:lt gry,clr-trnsl,
tr pl grn,rr pl orng,vf-
med,wl srt,sbrnd,off wh-wh
arg mtx,tr liths,abdt carb
grs & frags,uncons-fri aggs,
fr inf por,gas show.



WOB:19.6 klbs
 RPM:172
 SPP:4080 psi
 FLW:734 gpm



Survey @ 2857.4m: 70.32°
 187.9Az .TVD: 2386.3m

SILTSTONE:med gry-dk gry,
 aren-arg,occ carb spks,sft-
 frm,sbbkly.

Survey @ 2885.9m: 67.1°
 188.0Az .TVD: 2396.6m

SANDSTONE:lt gry,clr-trnsl,
 tr pl grn-lt grn,rr pl org,
 f-dom med,wl srt.sbrnd,off w
 h-wh arg mtx,tr liths,com
 carb grs & frags,dm uncon-
 -occ fri aggs,gd inf por,
 gas show.

Survey @ 2914.9m: 63.93°
 186.0Az .TVD: 2408.6m

SILTSTONE:med gry-dk gry,
 aren-arg,occ carb spks,sft-
 frm,sbbkly.

CLAYSTONE:brn-gry,v sft-sft,
 blkly elongate,splintery in
 part,massive and uniform.

Survey @ 2943.8m: 62.42°
 186.9Az .TVD: 2421.6m

SILTSTONE:med gry-dk gry,
 aren-arg,occ carb spks,
 sft-frm,sbbkly.

Survey @ 2971.86m: 62.12°
 187.69Az .TVD: 2434.7m

SILTSTONE:med gry-dk gry,
 aren-arg,occ carb spks,sft-
 frm,sbbkly.

REPAIR DEGASSER FROM
 2919m to 2938m

WOB:17.1 klbs
 RPM:162
 SPP:4080 psi
 FLW:731 gpm

WOB:17.1 klbs
 RPM:162
 SPP:4080 psi
 FLW:731 gpm

mm, sbbkly.

Survey @ 3000.89m: 62.71°
191.12Az .TVD: 2448.2m

CLAYSTONE:brn-gry to dk greenish gry,v sft-sft,blkly, elongate,splintery i/p, massive and uniform.

CLAYSTONE:brn gry to dk greenish gry,light brn dolomite firm to mod hd,blkly,elongate, splintery i/p, massive & uniform.

SANDSTONE:off wh,lt greenish gry,v-sft,aggs vf-f,grading to SLTST,md-wl sorted,mod lt brn dolomite cmt,60% stly mtx,pr inf por.

Survey @ 3029.7m: 64.69°
192.6Az .TVD: 2461.0m

SILTSTONE:brnsh gry,sft-sbfm,sbbkly,occ blkly,v aren,carb spks,com v f sand.

Survey @ 3058.5m: 67.97°
193.5Az .TVD: 2472.5m

SILTY CLAYSTONE:olv gry,v sft-sft,sbbkly,rr carb spks, uniform slty i/p.

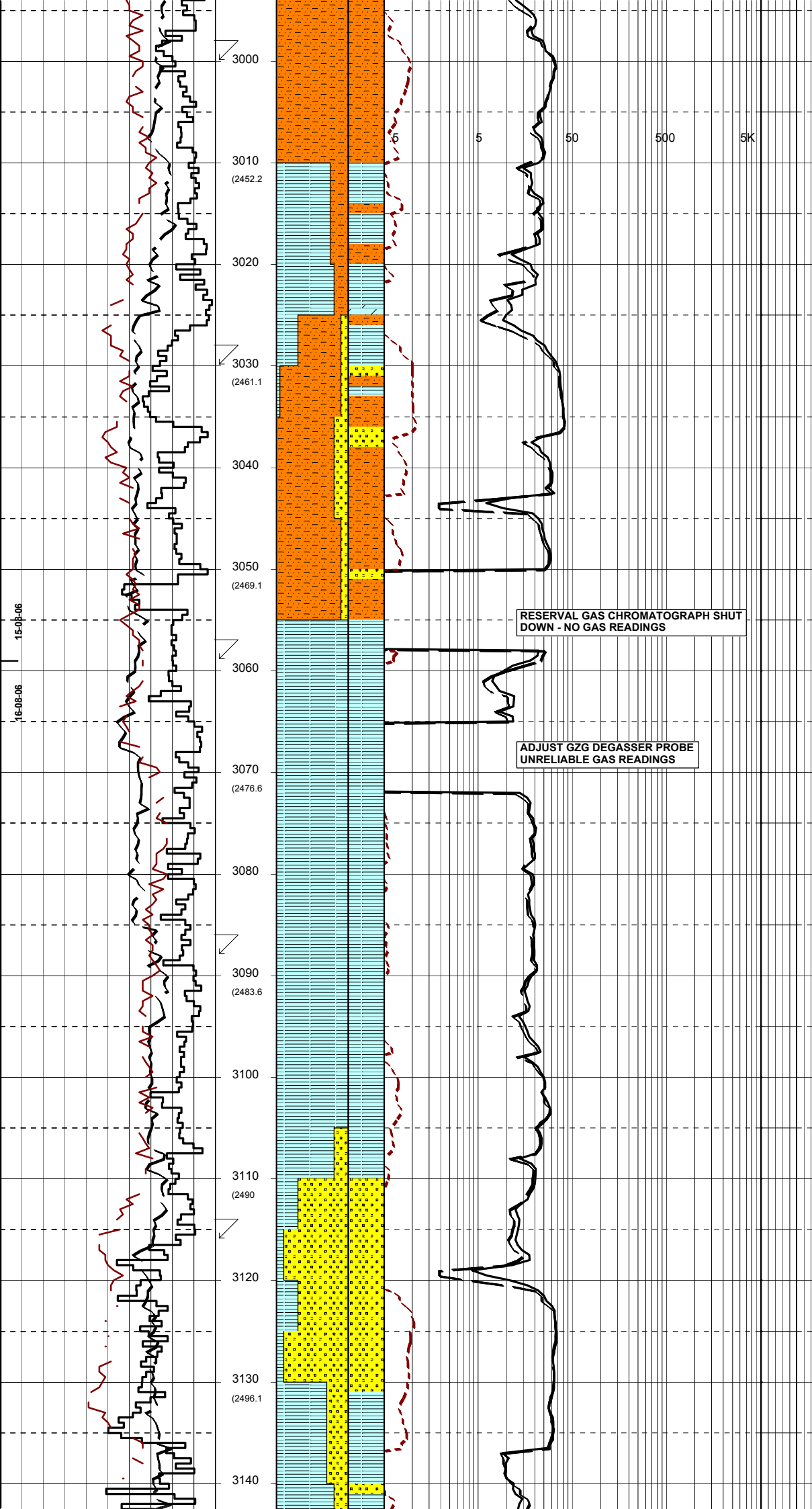
Survey @ 3087.5m: 70.40°
194.1Az .TVD: 2482.8m

SILTY CLAYSTONE:dk gry-olv gry,arg,v sft-sft,homogenous, amorph.

Survey @ 3116.0m: 72.13°
193.5Az .TVD: 2492.0m

ARGILLACEOUS SANDSTONE: gry,yelsh gry,v sft,amor-aggs,v f-f,sbang-sbrnd,wl sorted,arg mtx 80-90 % and gradational to CLAYSTONE

CLAYSTONE:brnsh gry,olive gry,rare carb specks,occ SILTY,occv-f SAND.v sft-sft, sbbkly.



15-08-06

16-08-06

RESERVAL GAS CHROMATOGRAPH SHUT DOWN - NO GAS READINGS

ADJUST GZG DEGASSER PROBE UNRELIABLE GAS READINGS

3000

3010
(2452.2)

3020

3030
(2461.1)

3040

3050
(2469.1)

3060

3070
(2476.6)

3080

3090
(2483.6)

3100

3110
(2490)

3120

3130
(2496.1)

3140

5

50

500

5K

Survey @ 3145.0m: 73.65°
190.97Az .TVD: 2500.5m

WOB: 16 klbs
RPM: 165
SPP: 4100 -psi
FLW: 680 gpm

3150 (2501.9)
3160
3170 (2507.3)
3180
3190 (2512.3)
3200
3210 (2517.1)
3220
3230 (2521.5)
3240
3250 (2525.4)
3260
3270 (2529.1)
3280
3290

.5 5 50 500 5K

ARGILLACEOUS SANDSTONE:lt
gry,yelsh gry,vf-f,wl sorted,
sbang-sbrnd,arg mtx 80-90%
& g/t CLAYSTONE.v sft amor
aggs.

CLAYSTONE:brnsh gry-olive
gry,rare carb specks,silty
i/p,v sft-sft,sbbiky.

Survey @ 3202.02m: 76.15°
188.5Az .TVD: 2515.3m

ARGILLACEOUS SANDSTONE:
pl gry-lt gry,col-trnsl,f-med
mod srt,sbang-sbrnd,wk calc
cmt,brnsh gry arg mtx,tr carb
spks,uncons-fri aggs,fr inf
por,no fluor.

SILTY CLAYSTONE:dk gry-
grysh blk,grnsh gry,arg-aren
v sft-sft,amorph.

Survey @ 3229.9m: 78.21°
189.0Az .TVD: 2521.5m.

ARGILLACEOUS SANDSTONE:
pl gry-lt gry,col-trnsl,f-
med,mod srt,arg mtx,tr carb
spks,med,amorph aggs,fr inf
por,nofluor.

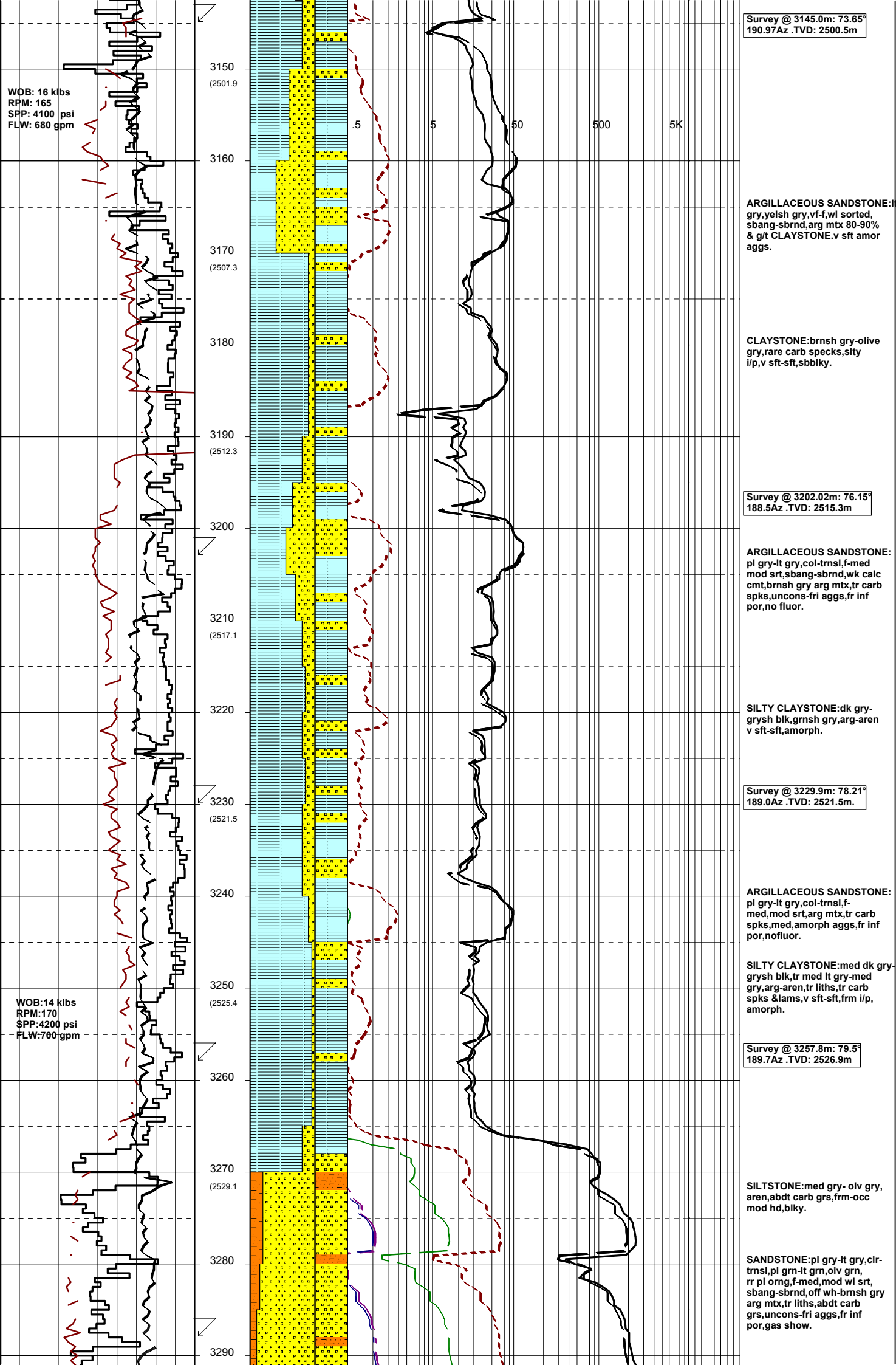
SILTY CLAYSTONE:med dk gry-
grysh blk,tr med lt gry-med
gry,arg-aren,tr liths,tr carb
spks & lams,v sft-sft,frm i/p,
amorph.

Survey @ 3257.8m: 79.5°
189.7Az .TVD: 2526.9m

SILTSTONE:med gry- olv gry,
aren,abdt carb grs,frm-occ
mod hd,blky.

SANDSTONE:pl gry-lt gry,clr-
trnsl,pl grn-lt grn,olv grn,
rr pl orgn,f-med,mod wl srt,
sbang-sbrnd,off wh-brnsh gry
arg mtx,tr liths,abdt carb
grs,uncons-fri aggs,fr inf
por,gas show.

WOB:14 klbs
RPM:170
SPP:4200 psi
FLW:700gpm



Survey @ 3287.1m: 79.84°
188.4Az .TVD: 2532.1m

SILTSTONE:med gry-olv gry,
frm,blky,aren,carb spk.

Survey @ 3316.29m: 81.38°
188.88z .TVD: 2536.9m

SANDSTONE:off wh,lt yell-
gry,grs: clr trnsi,grn,occ-
orng-brn,blk carb,f-med,wl
srtd,sbang-rnd,60% lse &
40% fri aggs,calc-i/p,calc
grs,wk calc cmt,mtx 10-40 %
com carb grs,occ carb lam.

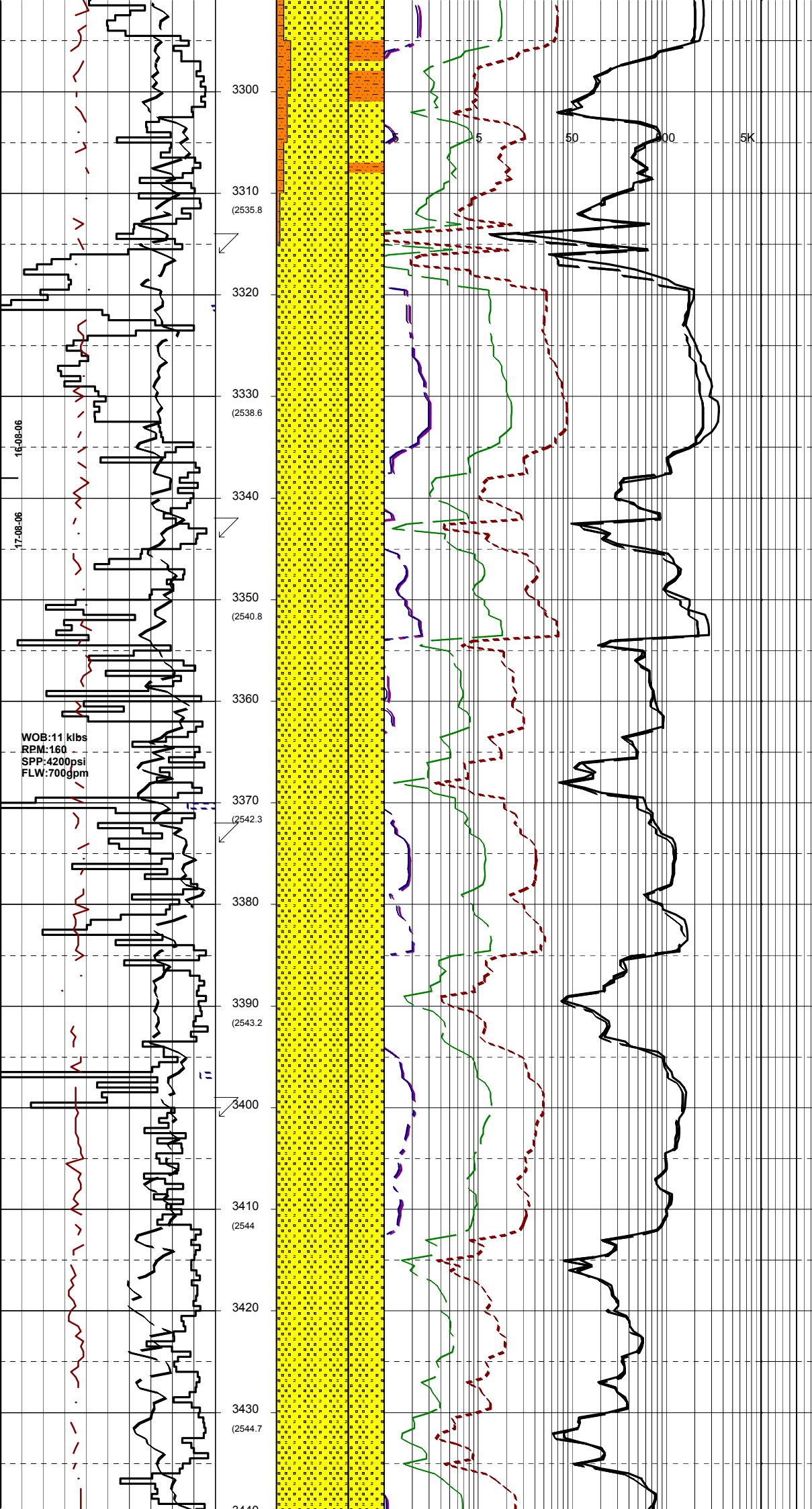
Survey @ 3344.87m: 84.32°
189.94z .TVD: 2540.4m

Survey @ 3373.11m: 87.05°
190.334z .TVD: 2542.5m

SANDSTONE:lt gry,lt yell-
gry,grs:clr-trnsi,mnr blk,
pl grn,orng brn,f-med,sbrnd
to sbang,80-90 % lse,10-20%
v sft aggs w/- 10-20 % arg
mtx,gd inf por,gas show.

Survey @ 3401.37m: 88.54°
190.954z .TVD: 2543.6m

SANDSTONE:lt gy,lt yel-gy,
GRAINS:clr-trnsi,mnr blk,
pl grn,orng-br f-med,sbrnd
-sbang,50% loose,50% vsft
aggs w/- 10-30% arg mtx,gd
inf por.

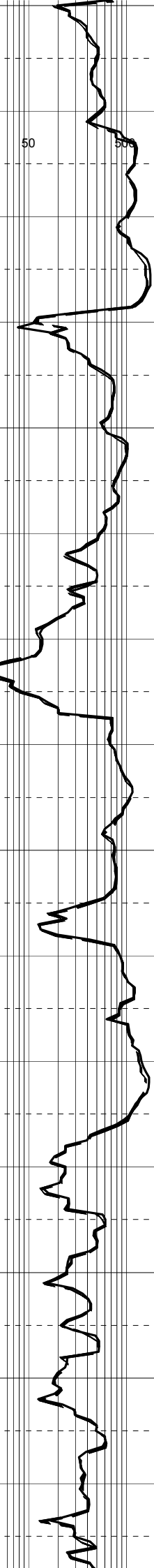
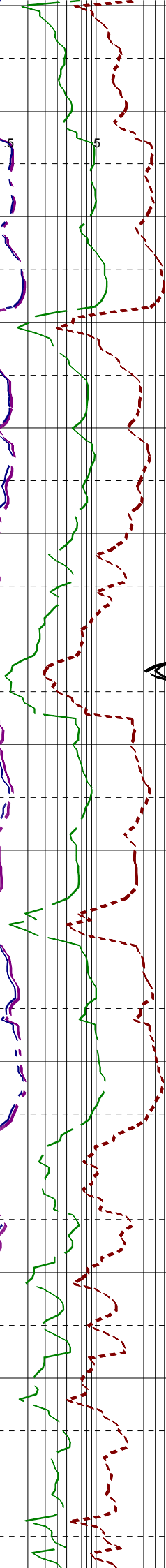
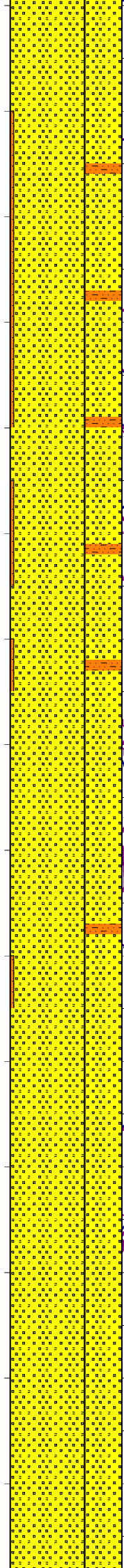


WOB:9-20 klbs
RPM:160-180
SPP:3900-4340 psi
FLW:685-695 gpm

WOB:7-20 klbs
RPM:120-160
SPP:3800-4400 psi
FLW:640-700 gpm

17-08-06
18-08-06

3440
3450 (2545.9)
3460
3470 (2547.1)
3480
3490 (2548.3)
3500
3510 (2549.1)
3520
3530 (2549.7)
3540
3550 (2549.8)
3560
3570 (2549.2)
3580



Survey @ 3456.45m: 85.84°
189.31z . TVD: 2546.2m

SILTSTONE:olv gy,mod hg-hd,
blky aren.

SANDSTONE:lt gy,lt yel-gy,
GRAINS:clr-trnsI,mnr blk,
pl grn,org-br,f-med,sbrnd
-sbang,30% loose,70%v sft
aggs w/- 60-70% arg mtx,wh
kao mtx i/p,fr inf por.

SILTSTONE:psble caving,olv
gy,mod hd hd,blky,aren.

SANDSTONE:lt gy,lt yel-gy
GRAINS:clr-trnsI,mnr blk,
pl grn,org-br,f-med,f,sbrnd
-sbang,90% loose,10% v sft
aggs w/- 20-30% arg mtx,wh
kao mtx i/p,fr-gd inf por.

Survey @ 3484.78m: 86.88°
187.52z . TVD: 2548.2m

SILTSTONE:olv gy,mod hg-hd,
blky aren.

Survey @ 3513.53m: 88.17°
186.43z . TVD: 2549.3m

SANDSTONE:lt gy,lt yel-gy,
GRAINS:clr-trnsI,mnr blk,
pl grn,org-br,f-dom,med f,
sbrnd-sbang,90% lse,10% vsft
aggs,w/- 20-30% arg mtx,wh
kao mtx i/p,fr-gd inf por..

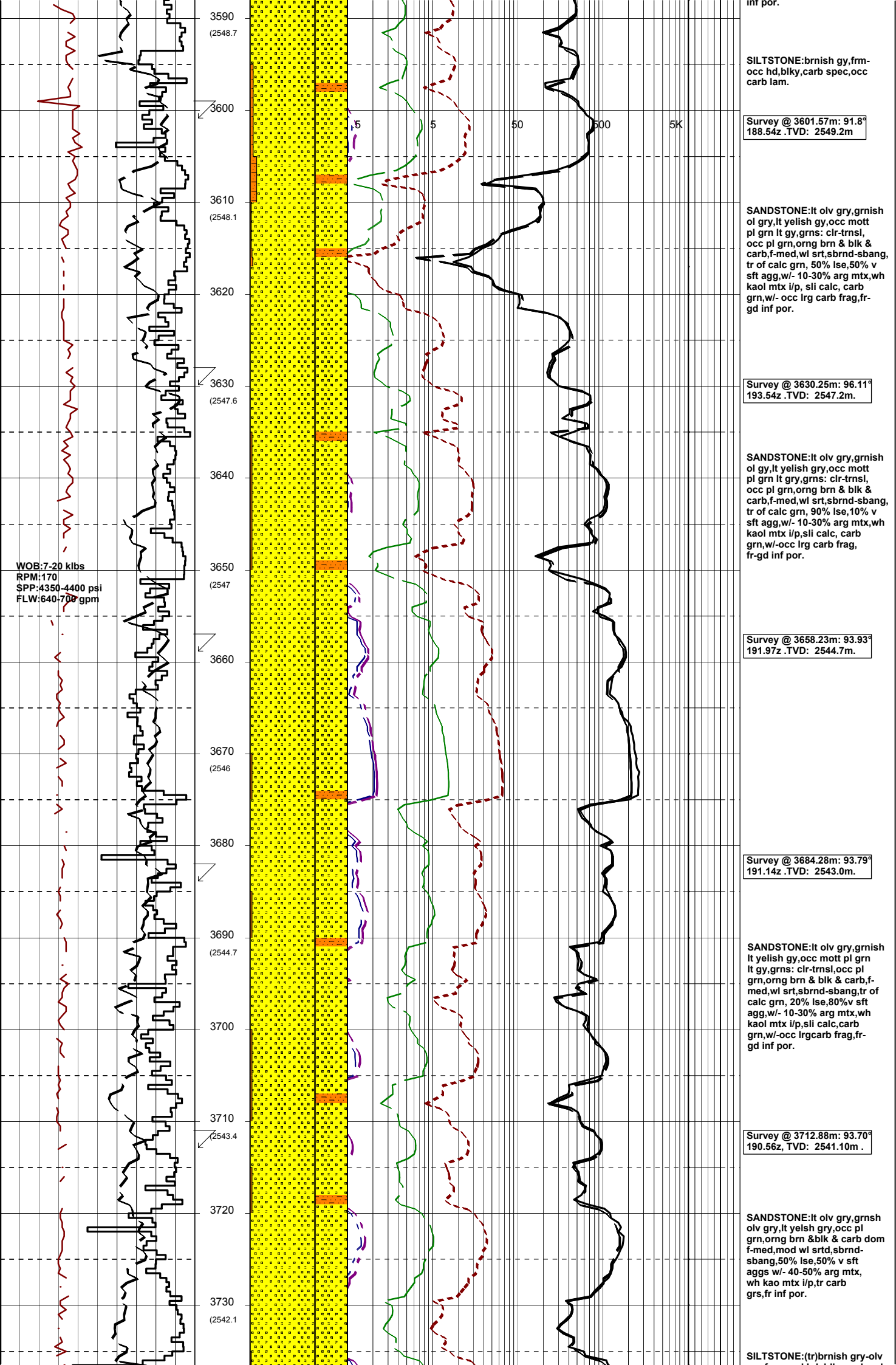
SILTSTONE:olv gy,mod hg-hd,
blky aren.

Survey @ 3542.58m: 89.17°
187.25z TVD: 2549.8m

SANDSTONE:lt gry,lt yel-
gry,GRAINS:clr-trnsI,mnr
blk,lt gy,grs:clr- trnsI,occ
pl grn, org brn, & blk,f-med f,
sbrnd-sbang,90% loose,10%
vsft aggs w/- 20-30% arg
mtx,wh kao mtx i/p,fr-gd
inf por..

Survey @ 3573.26m: 90.54°
186.93z . TVD: 2549.7m

SANDSTONE:lt gry, olv gry,
lt yelish gry,occ mottpl
grn/lt gy,grs:clr- trnsI,occ
pl grn, org brn, & blk,f-med
f,mod-well-sorted,subrmd
-subang,tr calc grs,70%
loose,30% vsft aggs w/- 20-
40% arg mtx,wh kao mtx i/p,
slightly calc,occ carb,fr



inf por.

SILTSTONE:brnish gy,frm-occ hd,blky,carb spec,occ carb lam.

Survey @ 3601.57m: 91.8° 188.54z .TVD: 2549.2m

SANDSTONE:lt olv gry,grnish ol gry,lt yelish gy,occ mott pl grn lt gry,grns: clr-trnsl, occ pl grn,orgn brn & blk & carb,f-med,wl srt,sbrnd-sbang, tr of calc grn, 50% lse,50% v sft agg,w/- 10-30% arg mtx,wh kaol mtx i/p, sli calc, carb grn,w/- occ lrg carb frag,fr-gd inf por.

Survey @ 3630.25m: 96.11° 193.54z .TVD: 2547.2m.

SANDSTONE:lt olv gry,grnish ol gy,lt yelish gry,occ mott pl grn lt gry,grns: clr-trnsl, occ pl grn,orgn brn & blk & carb,f-med,wl srt,sbrnd-sbang, tr of calc grn, 90% lse,10% v sft agg,w/- 10-30% arg mtx,wh kaol mtx i/p,sli calc, carb grn,w/-occ lrg carb frag, fr-gd inf por.

Survey @ 3658.23m: 93.93° 191.97z .TVD: 2544.7m.

Survey @ 3684.28m: 93.79° 191.14z .TVD: 2543.0m.

SANDSTONE:lt olv gry,grnish lt yelish gy,occ mott pl grn lt gry,grns: clr-trnsl,occ pl grn,orgn brn & blk & carb,f-med,wl srt,sbrnd-sbang,tr of calc grn, 20% lse,80%v sft agg,w/- 10-30% arg mtx,wh kaol mtx i/p,sli calc,carb grn,w/-occ lrgcarb frag,fr-gd inf por.

Survey @ 3712.88m: 93.70° 190.56z, TVD: 2541.10m .

SANDSTONE:lt olv gry,grnish olv gry,lt yelsh gry,occ pl grn,orgn brn & blk & carb dom f-med,mod wl srt,d,sbrnd-sbang,50% lse,50% v sft aggs w/- 40-50% arg mtx, wh kao mtx i/p,tr carb grs,fr inf por.

SILTSTONE:(tr)brnish gry-olv

WOB:7-20 klbs
RPM:170
SPP:4350-4400 psi
FLW:640-700 gpm

