

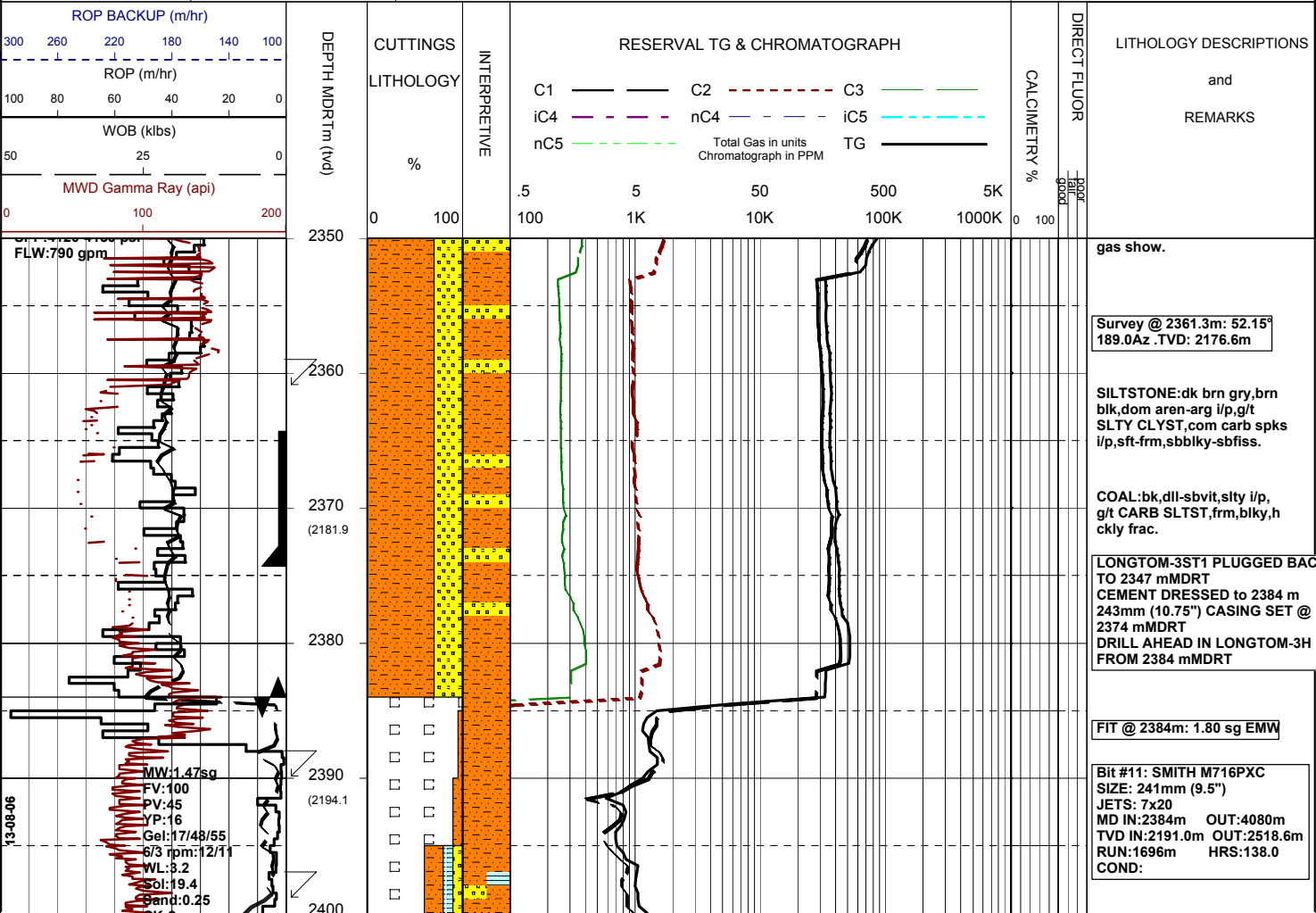


# MASTERLOG LONGTOM-3H



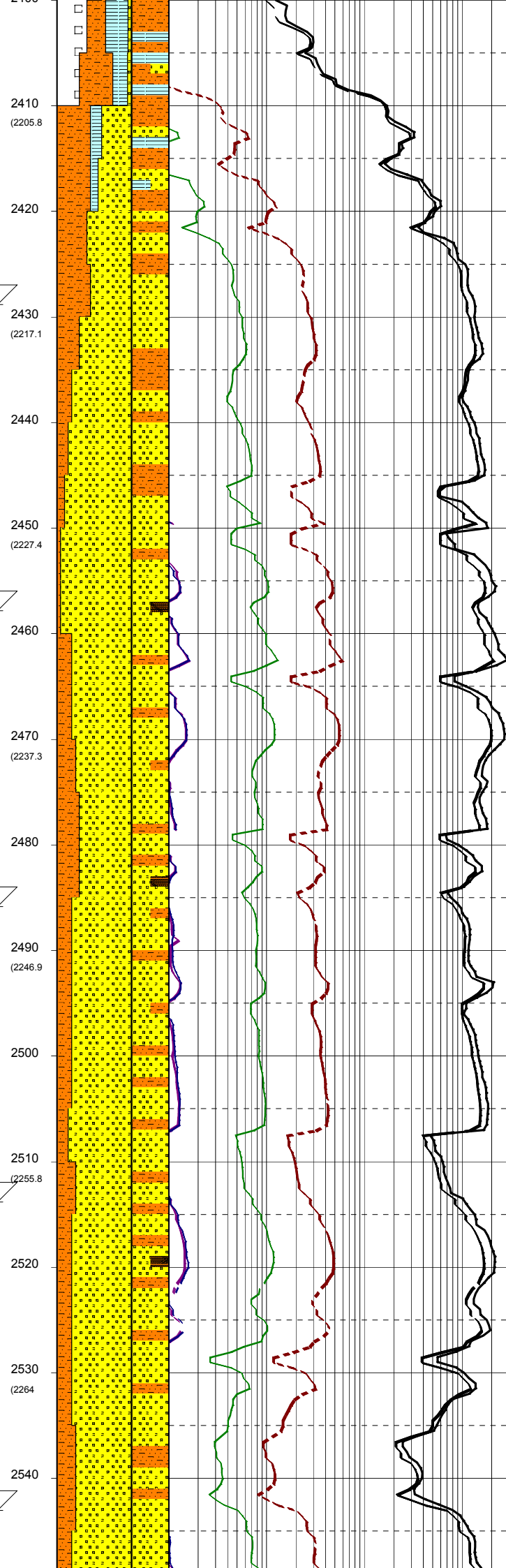
GENERAL	POSITION	HOLE / CASING INFO	DATE / DEPTH	ENGINEERS
Country : AUSTRALIA	Latitude : 38°05'34.63"S	914mm(36") hole to: 111.8m	Spud Date : 02-08-2006	T. N. KYAW
Permit : VIC/P54	Longitude : 148°18'41.52"E	559mm(22") hole to: 1005m	Total Depth Date : XX-XX-2006	A. DUNN
Field : LONGTOM	UTM Co-ord X (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>Mud loss</td></tr> <tr><td></td><td></td><td></td><td>Mud gain</td></tr> <tr><td></td><td></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		Mud loss				Mud gain				Sidewall Core				Core
	Claystone		Marl		Lithic Fragment																																																																					
	Siltstone		Clay, Limestone		Foraminifera																																																																					
	Shale		Limestone		Fossils																																																																					
	Fine SST		Dolomite		Bryozoa																																																																					
	Medium SST		Coal		Sponges																																																																					
	Coarse SST		Volcanic		Brachiopoda																																																																					
	Cement		Shoe																																																																							
	Glauconite		DOLOMITE																																																																							
	Pyrite		Deviation survey																																																																							
	Iron Minerals		DST																																																																							
	Mica		TEST																																																																							
	Siderite		Mud loss																																																																							
			Mud gain																																																																							
			Sidewall Core																																																																							
			Core																																																																							
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																																																																										



WOB:10-18 klb  
RPM:160-180  
SPP:3500-4060 psi  
FLW:660-730 gpm

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



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

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

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

SANDSTONE:clr-trnsl grs, dom med,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°  
191.2Az .TVD: 2216.5m

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

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

Survey @ 2457.8m: 59.95°  
TVD: 2231.4m

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

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

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

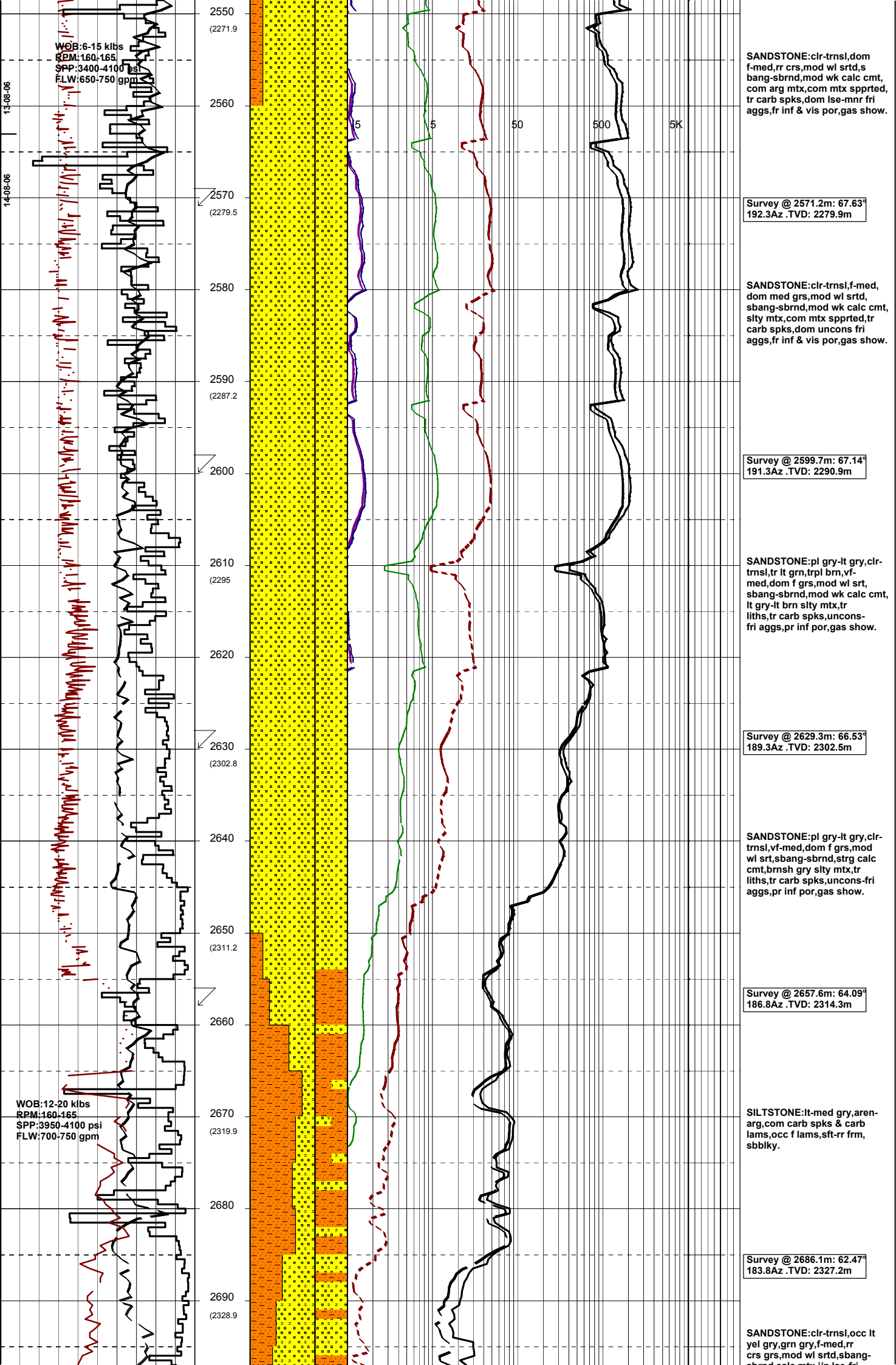
COAL:blk-brnsh blk,dli-sbvit, blk,v stly i/p & g/t carb sltst.

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,sbblky-sbfiss.

SANDSTONE:clr-trnsl,dom f-med,rr crs,mod wl srtd, sbang-sbrnd,mod wk calc cmt, com arg mtx,com mtx spprted, tr carb spks,dom lse-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

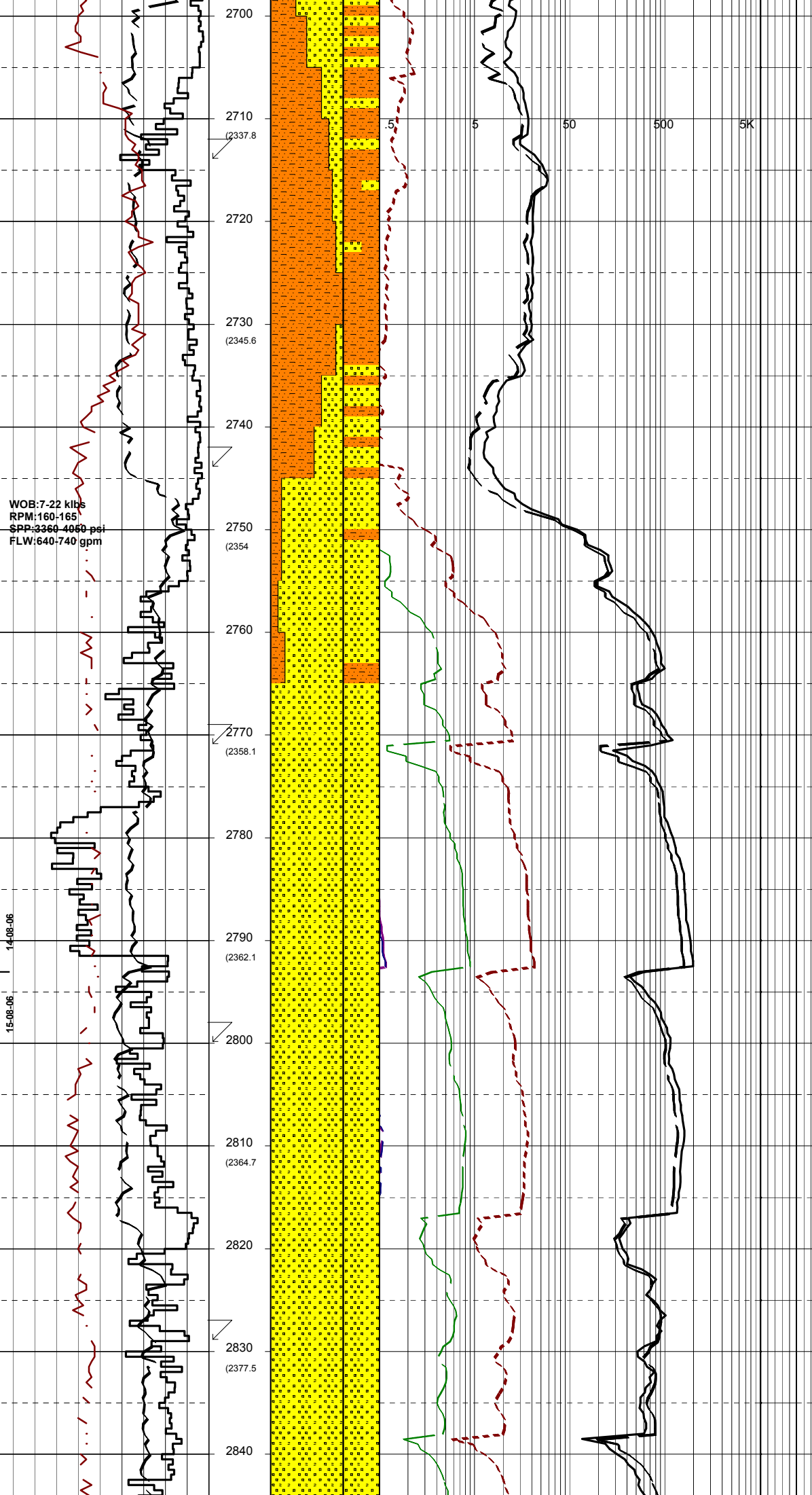
SANDSTONE:pl gry-lt gry,clr-  
trnsl,tr pl grn-lt grn,vf-  
med,wl srt,sbrnd,off wh-wh  
arg mtx,tr liths,abdt carb  
grs & frags,uncons-fri aggs,  
fr inf por,gas show.

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

2850  
(2383.9)

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

2860

.5

5

50

500

5K

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

2870  
(2390.8)

2880

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

2890  
(2398.3)

2900

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,dom uncon-  
-occ fri aggs,gd inf por,  
gas show.

2910  
(2406.6)

2920

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

REPAIR DEGASSER FROM  
2919m to 2938m

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

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

2930  
(2415.4)

2940

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

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

2950  
(2424.6)

2960

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

2970  
(2433.9)

2980

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

2990  
(2443.1)

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

mm, sbbkly.

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

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

CLAYSTONE:brn gry to dk  
gnish gry,light brn dol  
frm to mod hd,blky,  
elongate,splintery i/p,  
massive & uniform.

SANDSTONE:off wh,lt grnsh  
gry,v-sft,aggs vf-f,gly  
SLTST,rnd-wl srtd,mod  
lt brn dol cmt,60% slty  
mtx,pr inf por.

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

SILTSTONE:brnsh gry,sft-  
sbfm,sbbkly,occ blky,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.

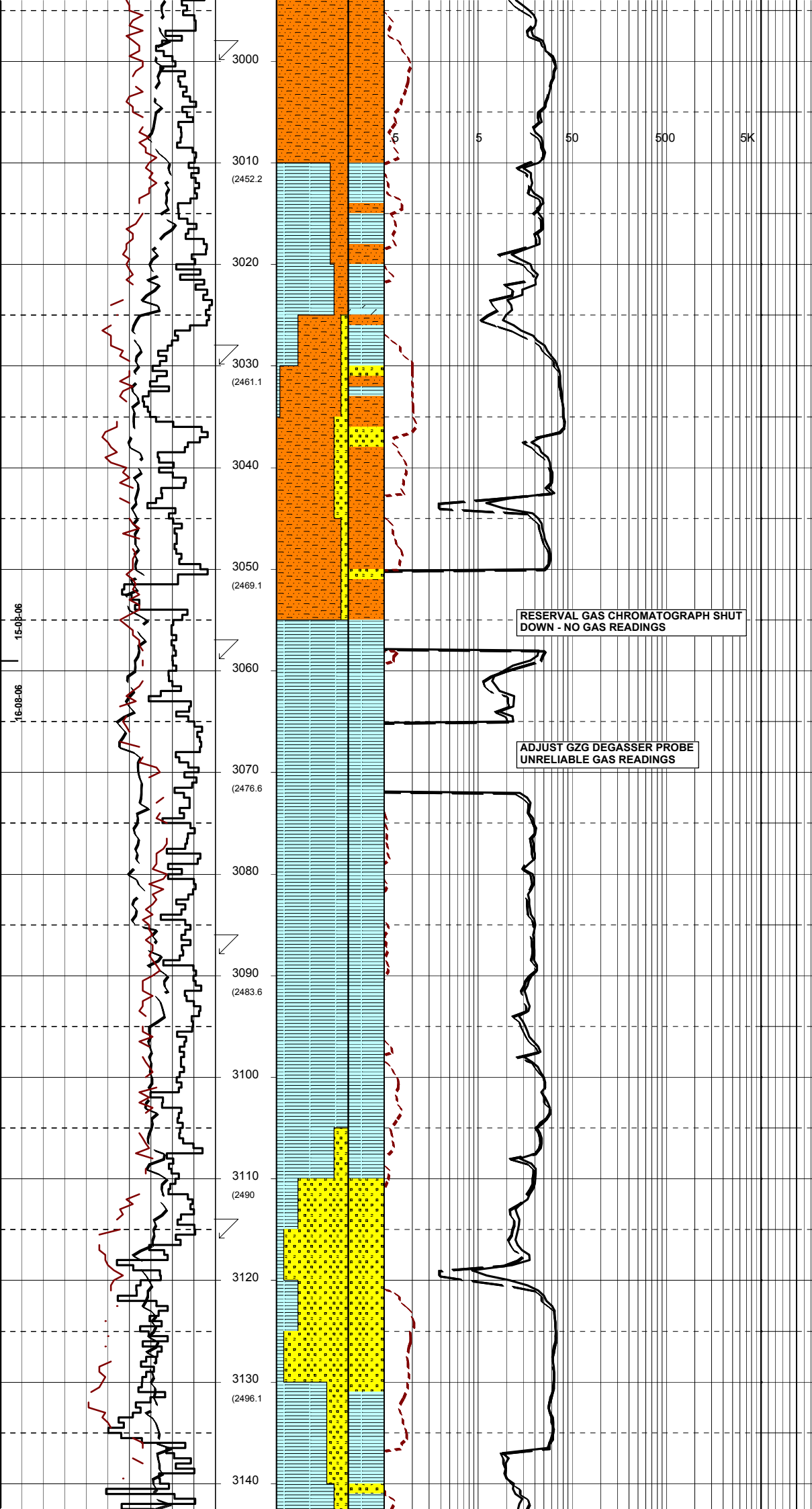
Survey @ 3087.5m: 70.40°  
194.1Az .TVD: 2482.8m

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

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

RESERVAL GAS CHROMATOGRAPH SHUT  
DOWN - NO GAS READINGS

ADJUST GZG DEGASSER PROBE  
UNRELIABLE GAS READINGS

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.

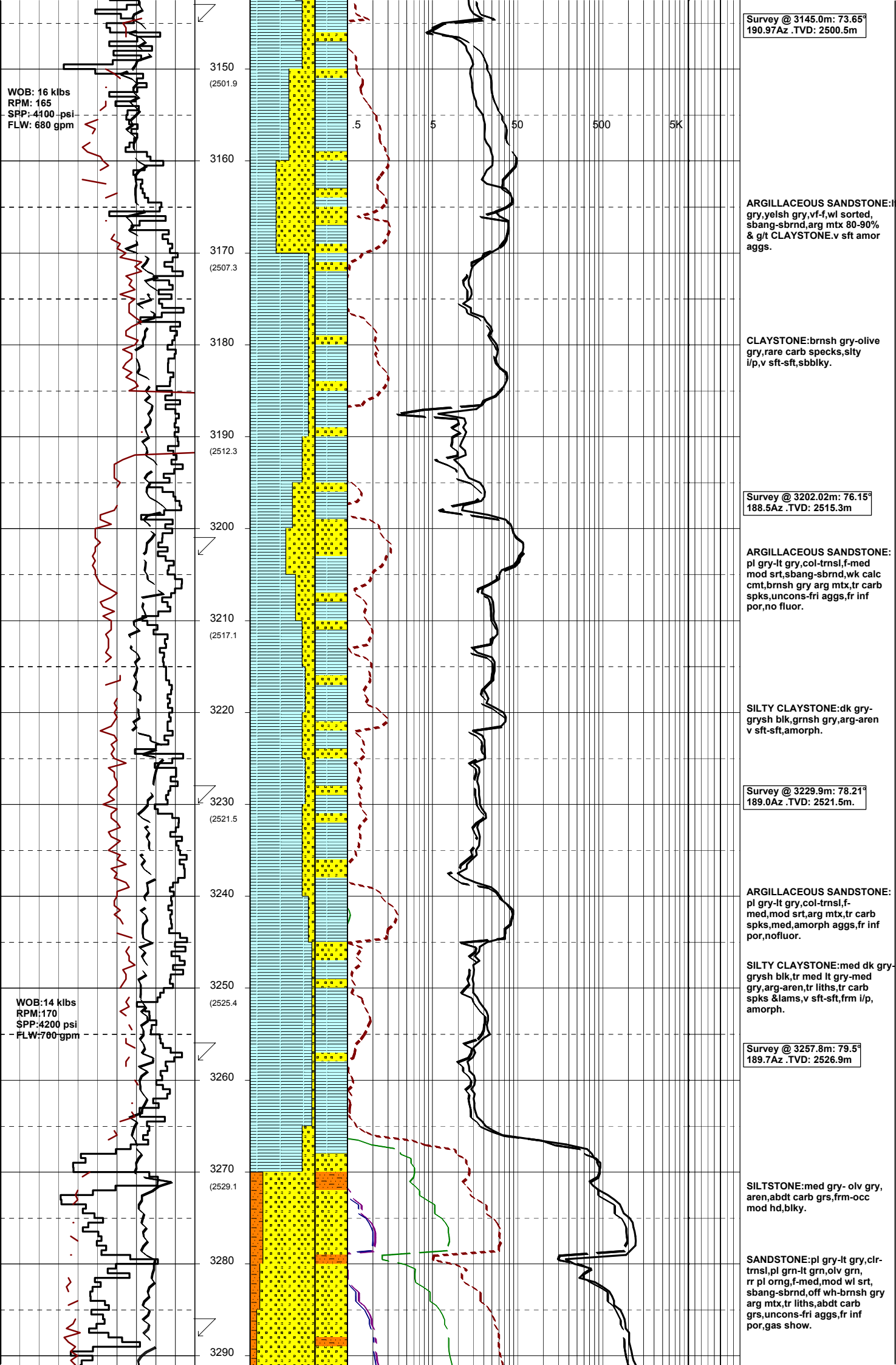
SILTY CLAYSTONE:med dk gry-  
grysh blk,tr med lt gry-med  
gry,arg-aren,tr liths,tr carb  
spks & lams,v sft-sft,frm i/p,  
amorph.

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.

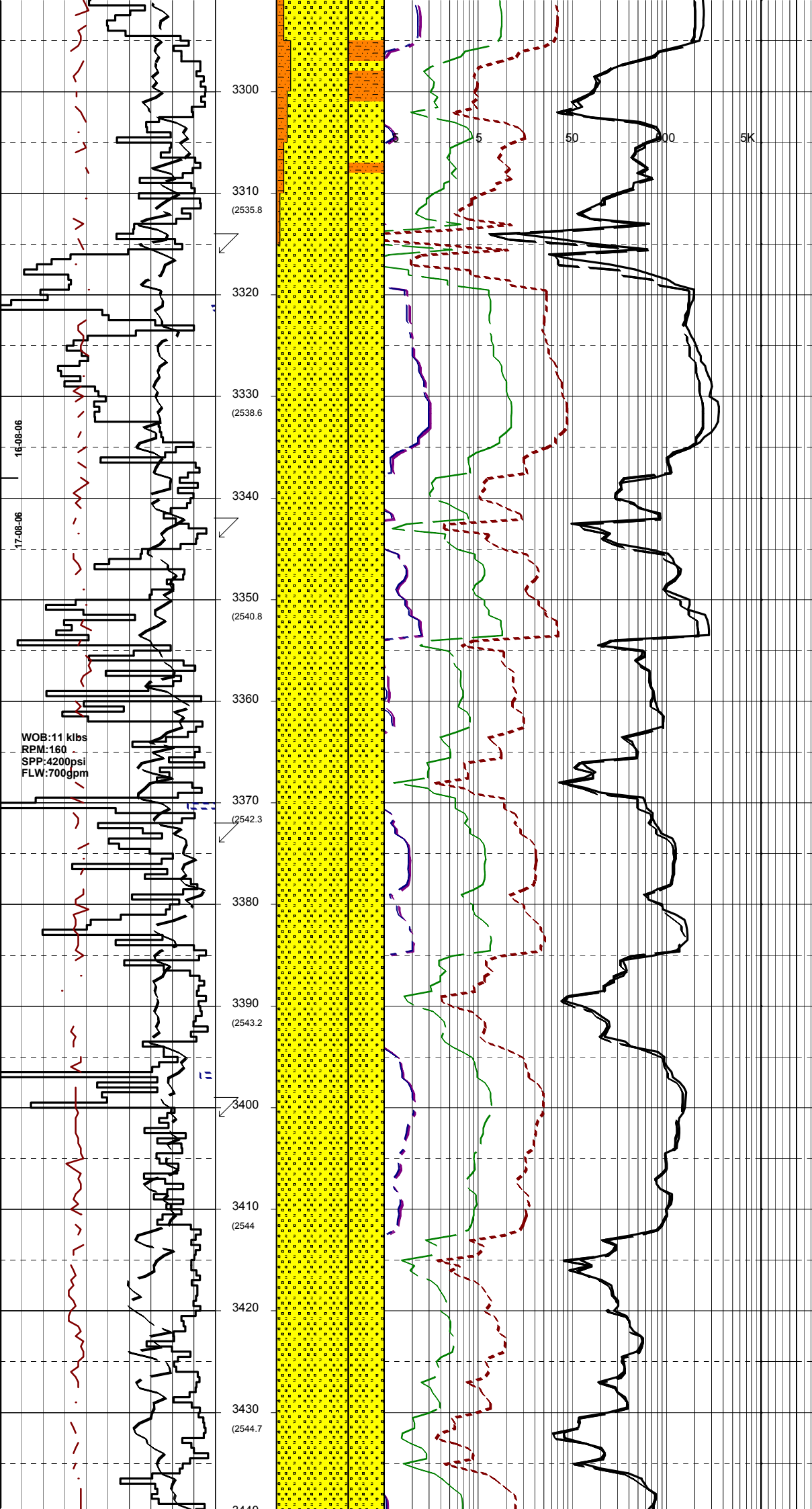
Survey @ 3344.87m: 84.32°  
189.94z .TVD: 2540.4m

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.



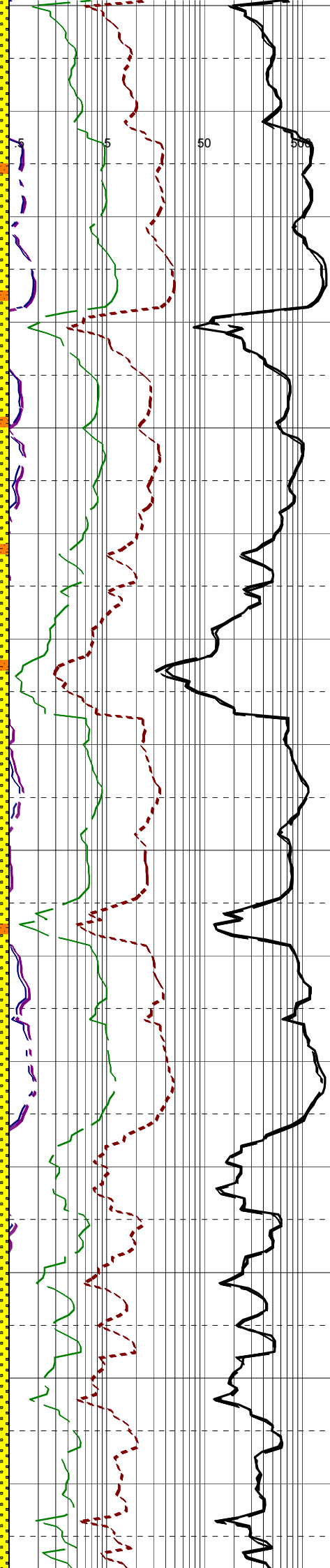


WOB:9-20 klbs  
RPM:160-180  
SPP:3900-4340 psi  
FLW:685-695 gpm

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 (2550)  
3560  
3570 (2550)  
3580



5  
50  
500  
5K

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-trnsl,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-trnsl,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-trnsl,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..

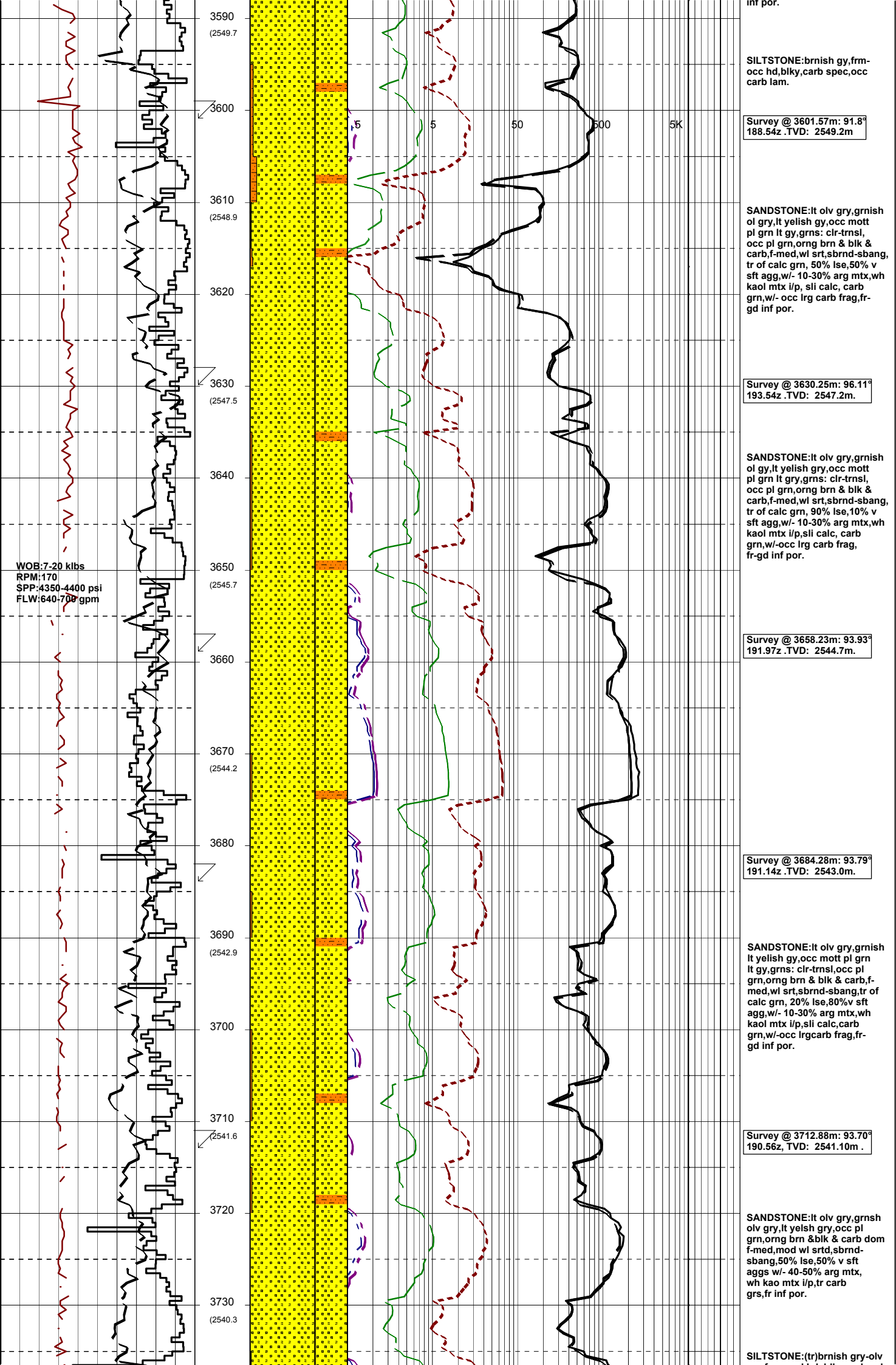
SILTSTONE:olv gy,mod hg-hd,  
blky aren.

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

SANDSTONE:lt gry,lt yel-  
gry,GRAINS:clr-trnsl,mnr  
blk,lt gy,grs:clr- trnsl,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- trnsl,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 gy,grns: clr-trnsl, occ pl grn,org 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,org 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.

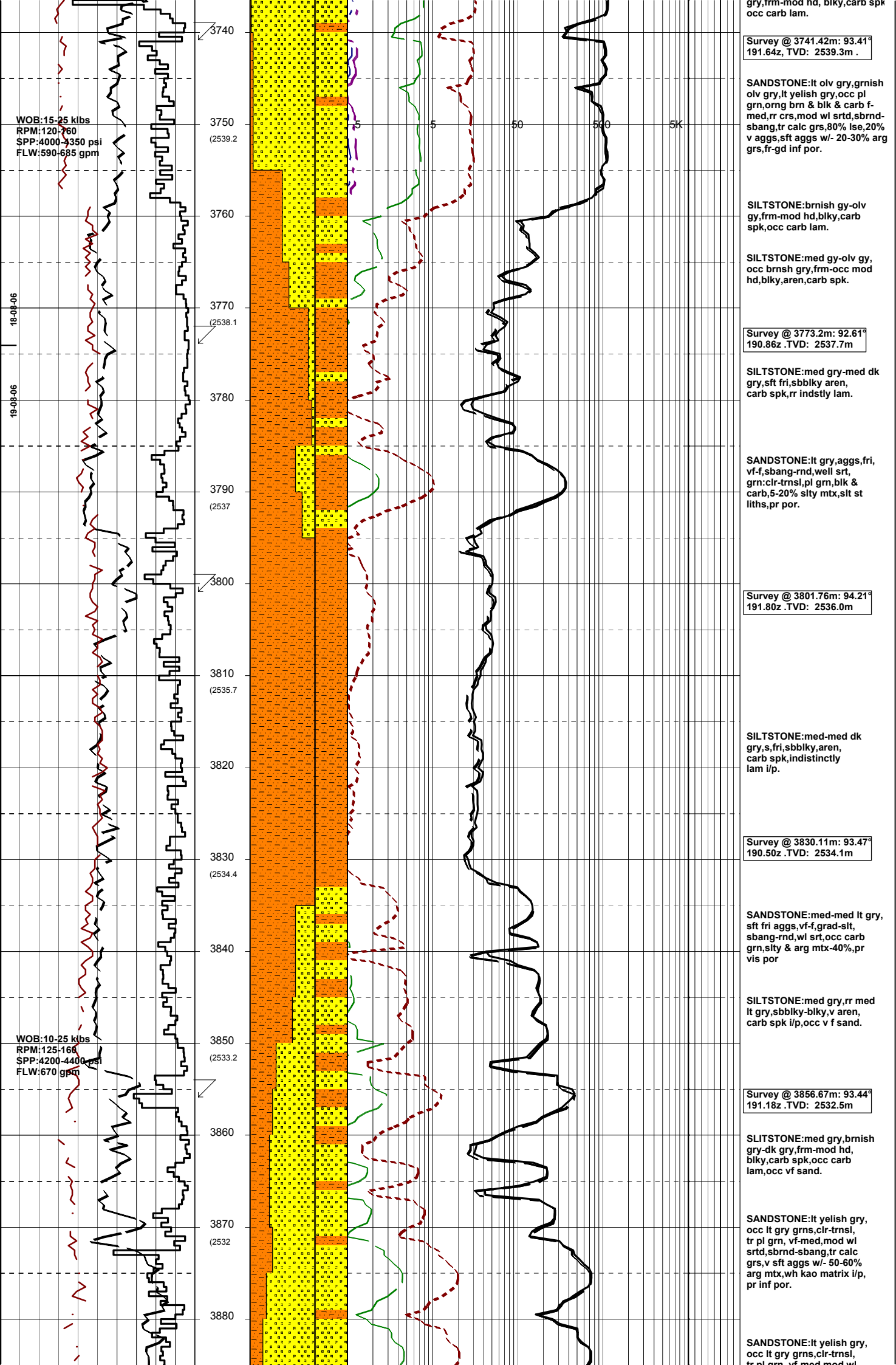
SANDSTONE:lt olv gry,grnish lt yelish gy,occ mott pl grn lt gy,grns: clr-trnsl,occ pl grn,org brn & blk & carb,f-med,wl srt,sbrnd-sbang,tr of calc grn, 20% lse,80%v sft agg,w/- 10-30% arg mtx,wh kaol mtx i/p,sli calc,carb grn,w/-occ lrgcarb frag,fr-gd inf por.

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

SANDSTONE:lt olv gry,grnish olv gry,lt yelsh gry,occ pl grn,org 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



WOB:15-25 klbs  
RPM:120-760  
SPP:4000-4350 psi  
FLW:590-685 gpm

18-08-06

19-08-06

WOB:10-25 klbs  
RPM:125-166  
SPP:4200-4400 psi  
FLW:670 gpm

Survey @ 3741.42m: 93.41°  
191.64z .TVD: 2539.3m .

SANDSTONE:lt olv gry,grnsh olv gry,lt yelish gry,occ pl grn,orgn brn & blk & carb f-med,rr crs,mod wl srt,brnd-sbang,tr calc grs,80% lse,20% v aggs,sft aggs w/- 20-30% arg grs,fr-gd inf por.

SILTSTONE:brnsh gy-olv gy,frm-mod hd,blky,carb spk,occ carb lam.

SILTSTONE:med gy-olv gy, occ brnsh gry,frm-occ mod hd,blky,aren,carb spk.

Survey @ 3773.2m: 92.61°  
190.86z .TVD: 2537.7m

SILTSTONE:med gry-med dk gry,sft fri,sbbkly aren, carb spk,rr indstly lam.

SANDSTONE:lt gry,aggs,fri,vf-f,sbang-rnd,well srt, grn:clr-trnsl,pl grn,blk & carb,5-20% stly mtx,slt st liths,pr por.

Survey @ 3801.76m: 94.21°  
191.80z .TVD: 2536.0m

SILTSTONE:med-med dk gry,s,fri,sbbkly,aren, carb spk,indistinctly lam i/p.

Survey @ 3830.11m: 93.47°  
190.50z .TVD: 2534.1m

SANDSTONE:med-med lt gry, sft fri aggs,vf-f,grad-slt, sbang-rnd,wl srt,occ carb grn,slty & arg mtx-40%,pr vis por

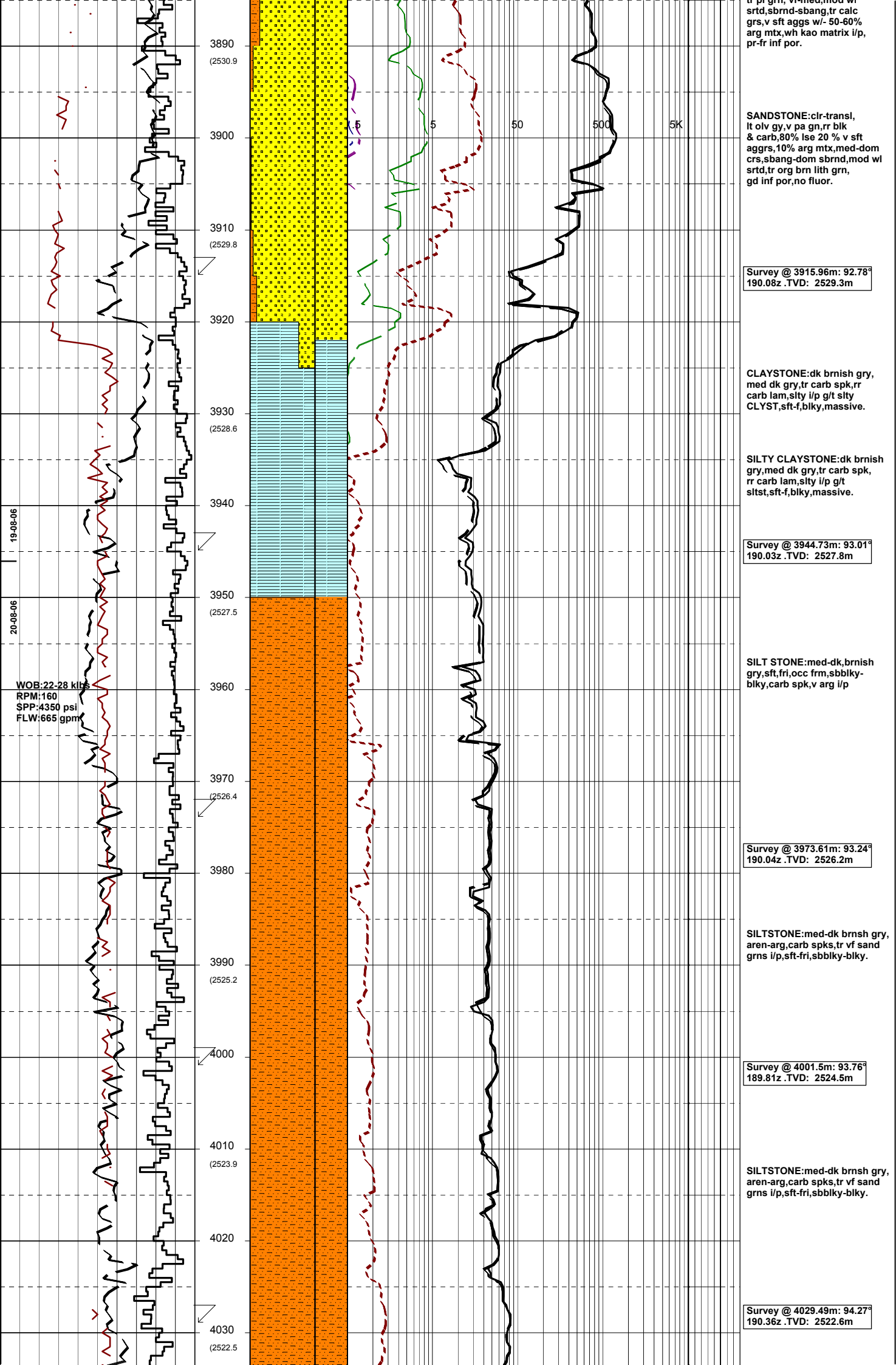
SILTSTONE:med gry,rr med lt gry,sbbkly-blky,v aren, carb spk i/p,occ v f sand.

Survey @ 3856.67m: 93.44°  
191.18z .TVD: 2532.5m

SILTSTONE:med gry,brnsh gry-dk gry,frm-mod hd, blky,carb spk,occ carb lam,occ vf sand.

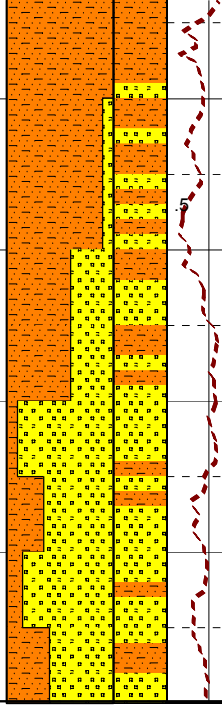
SANDSTONE:lt yelish gry, occ lt gry grns,clr-trnsl, tr pl grn, vf-med,mod wl srt,brnd-sbang,tr calc grs,v sft aggs w/- 50-60% arg mtx,wh kao matrix i/p, pr inf por.

SANDSTONE:lt yelish gry, occ lt gry grns,clr-trnsl, tr pl grn,vf-med,mod wl



WOB:15-21 klbs  
RPM:160  
SPP:4200 psi  
FLW:665 gpm

4040  
4050 (2521)  
4060  
4070 (2519.3)  
4080



5 50 500 5K

SANDSTONE:lt yelish gry,  
occ lt gry grns,clr-trnsl,  
vf-med,mod wl srtd,sbrnd-  
sbang,tr calc grs,v sft  
aggs w/- 50-60% arg mtx,  
wh kao matrix i/p pr inf por.

Survey @ 4059.30m: 94.50°  
189.67z .TVD: 2520.3m

SANDSTONE:lt gry grns,clr-trnsl,  
vf-f,mod wl srtd,sbrnd-  
sbang,tr calc grs,v sft  
aggs w/- 50-60% arg mtx,  
wh kao matrix i/p pr  
inf por.

Bit #12: XXXXXXXXX