



# FORMATION EVALUATION LOG

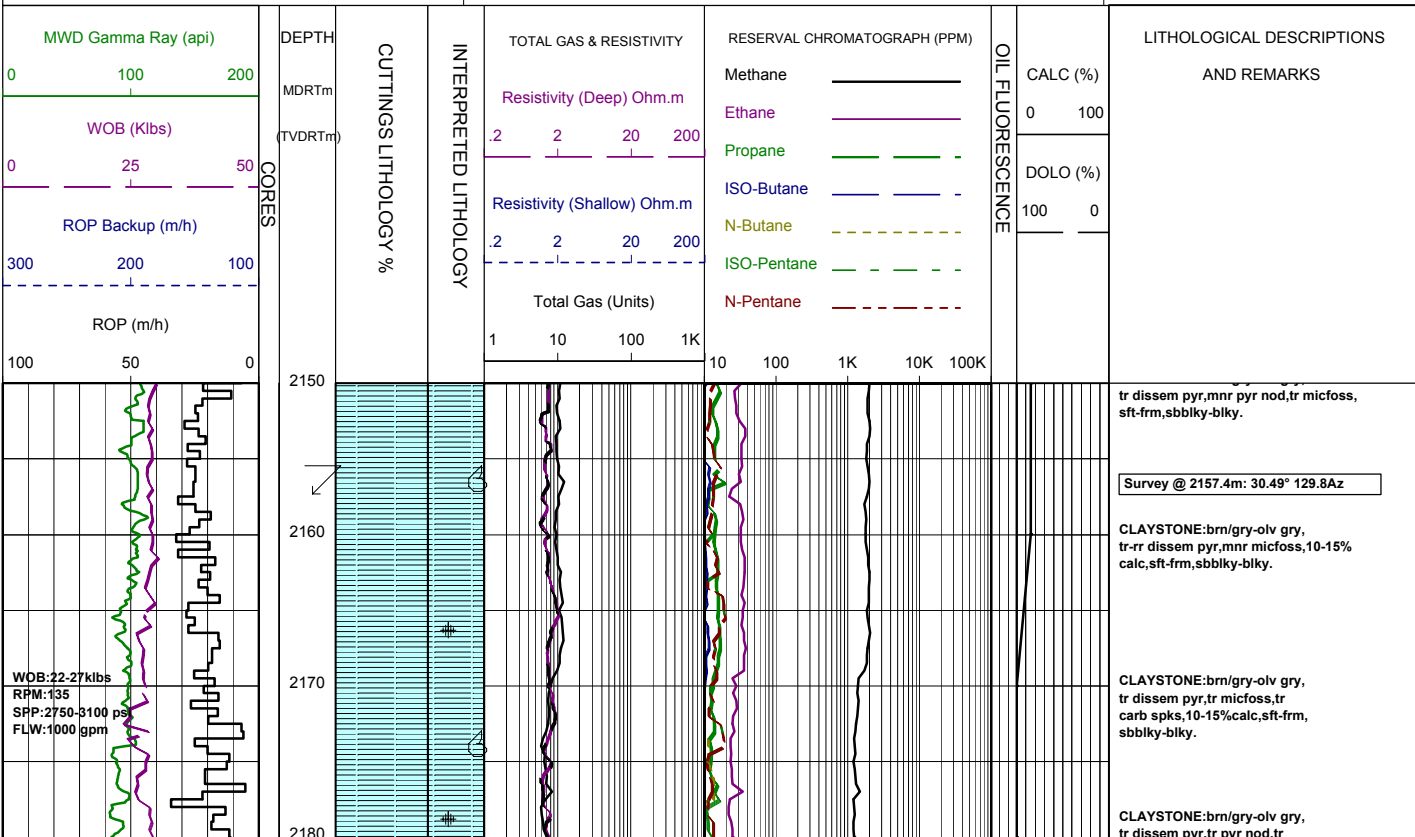


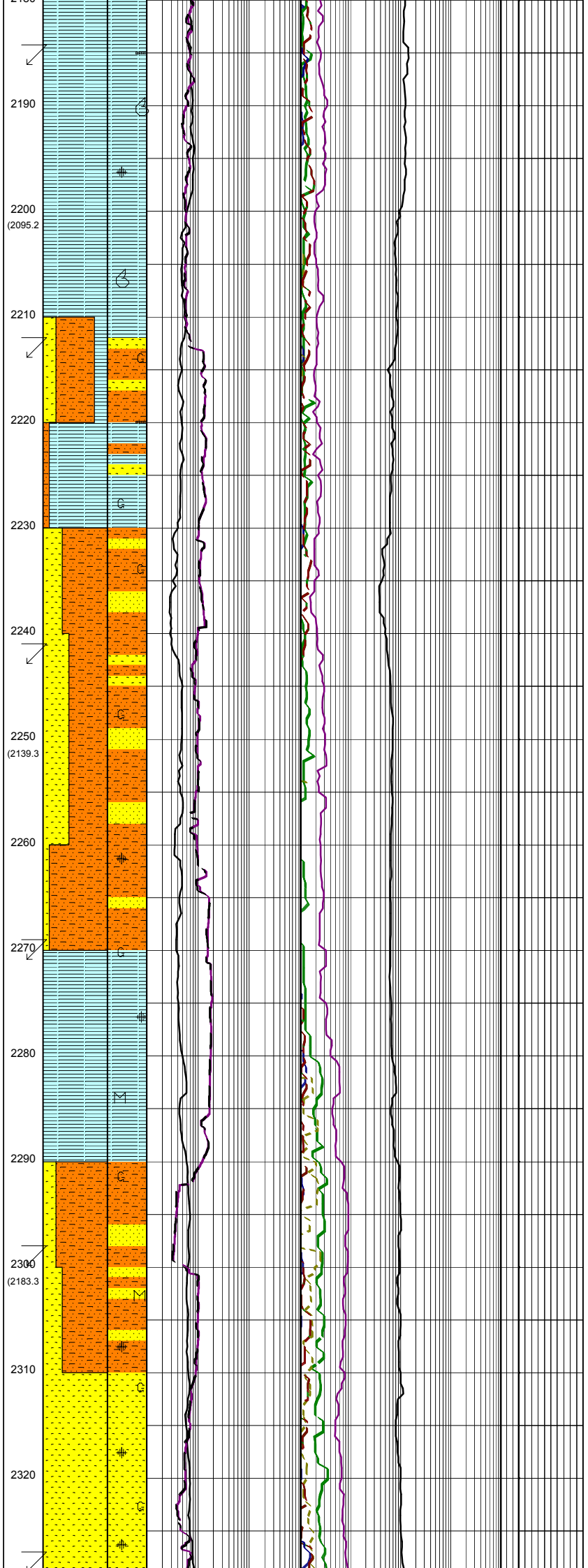
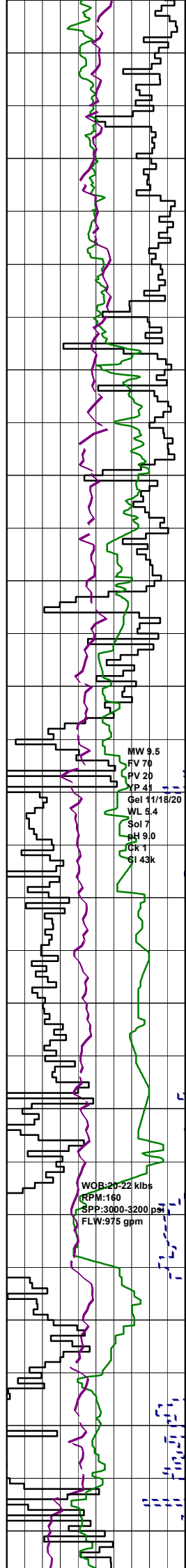
## WELL : BASKER-5

FROM (m): 2150 TO (m): 2850 SCALE: 1/ 500

Country : AUSTRALIA	Latitude : 38°17'59.31"S	HOLE / CASING INFO 17 1/2" Hole to (mMDRT) : 1012m	Spud Date : 26-02-2006
Basin : GIPPSLAND	Longitude : 148°42'23.80"E	12 1/4" Hole to (mMDRT) : xxxm	Total Depth Date : xx-xx-2006
Field : BASKER	UTM Co-ord X (m E) : 650106.2	8 1/2" Hole to (mMDRT) : 3357m	Total Depth (mRT) : 3357m
Permit : VIC/L26	UTM Co-ord Y (m N) : 5761989.6	13 3/8" Shoe at (mMDRT) : 1001.3m	T.V.D. (mSS MSL) : 3072m
Well Type : DEVELOPMENT	RT-LAT (m) : 21.5	9 5/8" Shoe at (mMDRT) : xxx.xm	Status :
Rig Name : OCEAN PATRIOT	RT-Seabed (m) : 175.1	7" Shoe at (mMDRT) : xxxm	

<h3>ABBREVIATIONS</h3> <p>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          WL FILTRATE CR CIRCULATE RETURNS          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</p>	<h3>LITHOLOGY LEGEND</h3> <table border="0"> <tr> <td></td> <td>Claystone</td> <td></td> <td>Limestone</td> <td></td> <td>Brachiopoda</td> </tr> <tr> <td></td> <td>Siltstone</td> <td></td> <td>Dolomite</td> <td></td> <td>Cement</td> </tr> <tr> <td></td> <td>ar. Silt ar</td> <td></td> <td>Coal</td> <td></td> <td>Sponges</td> </tr> <tr> <td></td> <td>Fine SST</td> <td></td> <td>Gypsum</td> <td></td> <td>Glauconite</td> </tr> <tr> <td></td> <td>Medium SST</td> <td></td> <td>Lithic Fragment</td> <td></td> <td>Pyrite</td> </tr> <tr> <td></td> <td>Coarse SST</td> <td></td> <td>Foraminifera</td> <td></td> <td>Iron Minerals</td> </tr> <tr> <td></td> <td>Marl</td> <td></td> <td>Fossils</td> <td></td> <td>Mica</td> </tr> <tr> <td></td> <td>Clay, Limestone</td> <td></td> <td>Bryozoa</td> <td></td> <td>Carb Fragments</td> </tr> </table>		Claystone		Limestone		Brachiopoda		Siltstone		Dolomite		Cement		ar. Silt ar		Coal		Sponges		Fine SST		Gypsum		Glauconite		Medium SST		Lithic Fragment		Pyrite		Coarse SST		Foraminifera		Iron Minerals		Marl		Fossils		Mica		Clay, Limestone		Bryozoa		Carb Fragments	<h3>ENGINEERING LEGEND</h3> <table border="0"> <tr> <td></td> <td>Shoe</td> <td></td> <td>FIT</td> </tr> <tr> <td></td> <td>Mud loss</td> <td></td> <td>Mud gain</td> </tr> <tr> <td></td> <td>Deviation survey</td> <td></td> <td></td> </tr> <tr> <td></td> <td>DST</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Test</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Sidewall Core</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Core</td> <td></td> <td></td> </tr> <tr> <td></td> <td>RFT</td> <td></td> <td></td> </tr> </table>		Shoe		FIT		Mud loss		Mud gain		Deviation survey				DST				Test				Sidewall Core				Core				RFT		
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micfoss, mnr carb spks, tr calc, sft-frm, sbbiky-sbfiss.

**Survey @ 2186.1m: 29.68° 128.9Az**

CLAYSTONE: brn/gry-olv gry, tr dissem pyr, tr carb lams, mnr carb spks, tr calc, sft-frm, sbbiky-sbfiss.

CLAYSTONE: brn/gry-olv gry, tr dissem pyr, tr carb spks, tr calc, tr micfoss, sft-frm, sbbiky-blky.

CLAYSTONE: brn/gry-olv gry, tr dissem pyr, tr calc, tr micfoss, sft-frm, sbbiky-sbfiss tr blky.

**Survey @ 2214.3m: 27.97° 129.8Az**

SANDSTONE: clr-lt yel, crs-f, tr v crs, pr srt, sbrnd-sbang, tr ang, pr inf por, no fluor.

ARGILLACEOUS SILTSTONE: orgn brn-yel brn, tr calc, tr glauc, sft-frm, sbbiky-blky.

SILTY CLAYSTONE: orgn brn-yel brn, tr calc, tr glauc, tr carb spks, sft-v sft, occ disp, sbbiky-blky, occ amor.

ARGILLACEOUS SILTSTONE: grn/brn-gry/brn, com glauc, v sft-frm, occ disp, blky-sbbiky, occ amor.

**Survey @ 2242.7m: 27.61° 129.6Az**

SANDSTONE: clr-opq, med-vf, pr srt, sbang-sbrnd, com glauc, lse, pr inf por, no fluor.

ARGILLACEOUS SILTSTONE: grn/brn-gry/brn, com glauc, sft-disp, blky-amor.

ARGILLACEOUS SILTSTONE: grn/brn-gry/brn, com glauc, tr-rr dissem pyr, sft-disp, blky-amor.

**Survey @ 2271.4m: 28.48° 130.6Az**

SILTY CLAYSTONE: grn/brn-gry/brn, com glauc, tr-rr dissem pyr, sft-disp, blky-amor.

SILTY CLAYSTONE: grn/brn-gry/brn, com glauc, tr-rr dissem pyr, tr micmic, sft-disp, blky-amor.

ARGILLACEOUS SILTSTONE: grn/brn-gry/brn, com glauc, tr-rr dissem pyr, tr micmic, sft-disp, blky-amor.

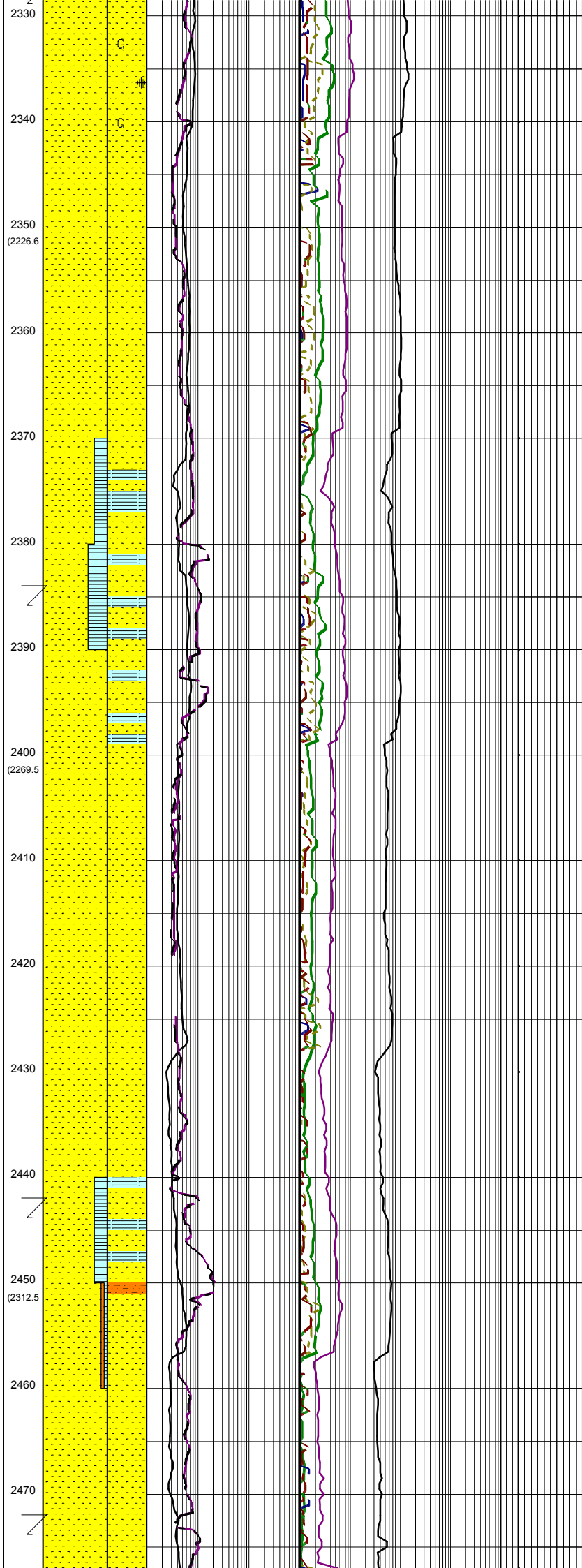
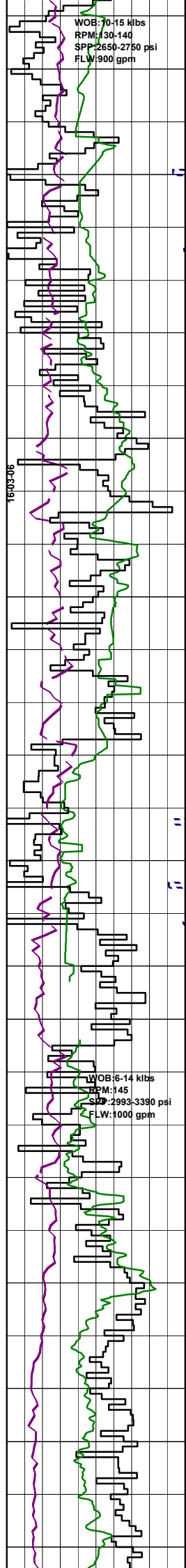
**Survey @ 2300.1m: 28.83° 130.5Az**

SANDSTONE: clr-opq, vf-med, tr crs pr srt, ang-sbang, tr glauc, tr dissem pyr, tr micmic, lse, gd inf por, no fluor.

SANDSTONE: clr-opq, med-vf, tr crs pr srt, ang-sbang, occ brn/gry sity mtx, tr glauc, tr dissem pyr, tr micmic, lse, gd inf por, no fluor.

SANDSTONE: clr-opq, med-vf, tr crs pr srt, ang-sbrnd, occ brn/gry sity mtx, tr glauc, tr dissem pyr, lse, gd inf por, no fluor.

**Survey @ 2328.7m: 30.10° 130.3Az**



SANDSTONE: clr-opq, f-med, tr crs, tr vf, mod srt, ang-sbrnd, occ brn/gry sily mtz, tr glauc, tr disse pyr, lse, gd inf por, no fluor.

Survey @ 2357.5m: 31.19° 129.7Az

SANDSTONE: clr-trnsl, f-med, occ crs, mod srt, sbang-sbrnd, sph-sbsph, sil & pyr cmt, pred cl mtz, occ calc mtz, tr kao mtz, tr-com glauc, lse, gd inf por, no fluor

CLAYSTONE: med gry, occ brn/gry, com glauc, v sft, amor, partly w/out.

Survey @ 2386.4m: 30.97° 129.6Az

SANDSTONE: clr-trnsl, tr med dk gry-dk gry, pred crs-v crs, occ f-med, mod wl srt, sbang-sbrnd, sph-sbsph, tr sil & pyr cmt, tr kao mtz, tr glauc, lse, gd inf por, no fluor.

SANDSTONE: clr-trnsl, f-med, occ crs, mod srt, sbang-sbrnd, sph-sbsph, tr sil & pyr cmt, tr kao mtz, tr glauc, lse, gd inf por, no fluor.

Survey @ 2444.3m: 30.32° 129.7Az

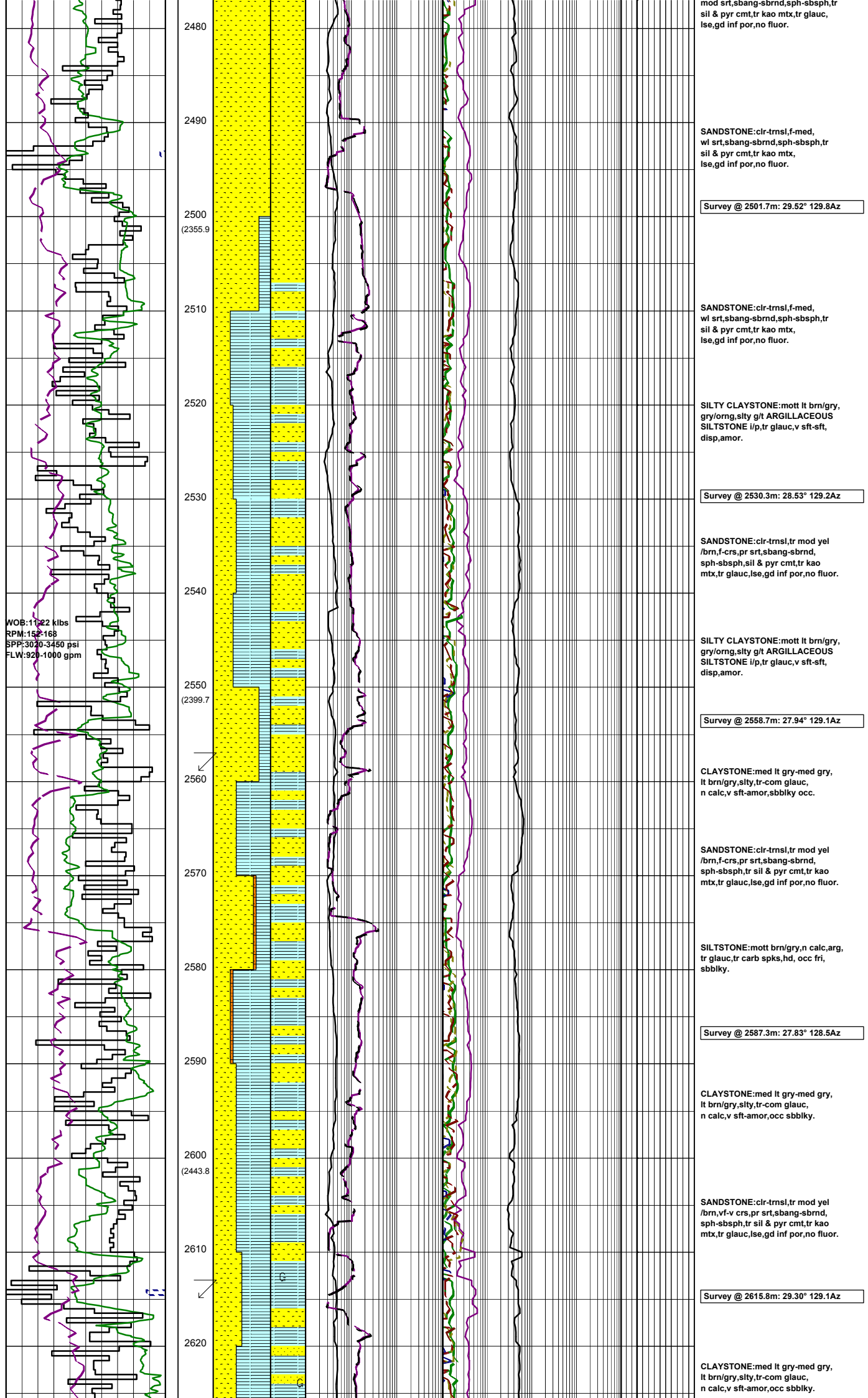
SILTSTONE: brn/gry, tr carb spks, pred fri, occ frm-hd, blk-y-sbbkly.

CLAYSTONE: med dk gry, tr pyr, frm-hd, sbbkly, occ sbfiss.

SANDSTONE: clr-trnsl, vf-crs, pr srt, sbang-sbrnd, sph-sbsph, tr sil & pyr cmt, tr kao mtz, tr chl, lse, gd inf por, no fluor.

Survey @ 2473.0m: 29.94° 129.8Az

SANDSTONE: clr-trnsl, vf-f,



WOB:20-24 kibs  
RPM:155  
SPP:3400-3300 psi  
FLW:960 gpm

2630

2640

2650  
(2487.7)

2660

2670

2680

2690

2700  
(2532)

2710

2720

2730

2740

2750  
(2575.9)

2760

2770

WOB:20-28 kibs  
RPM:150  
SPP:3040-3060 psi  
FLW:918 gpm

SANDSTONE:clr-opq,f-crs,pr srt, sbang-sbrnd,tr-rr pyr nod,com glauc, tr carb mat,lse,pr inf por,no fluor.

Survey @ 2644.5m: 28.38° 129.1Az

ARGILLACEOUS SILTSTONE:med lt gry-med gry,com glauc, tr pyr nod & dissem,tr carb mat, disp frm,amor-sbbiky.

SANDSTONE:clr-opq,tr-rr trnsi, vf-crs,tr v crs,v pr srt,sbrnd-sbang, tr carb mat,tr glauc,tr pyr nod & dissem,lse,gd inf por,no fluor.

ARGILLACEOUS SILTSTONE:med lt gry-med gry,com glauc, tr pyr nod & dissem,tr carb mat, disp frm,amor-sbbiky.

Survey @ 2676.5m: 27.29° 128.4Az

SILTY CLAYSTONE:lt olv gry- lt gry,tr off wh,calc,kaol i/p, tr glauc,tr pyr nod & dissem,tr carb mat,disp-sft,amor-sbfiss.

ARGILLACEOUS SILTSTONE: lt olv gry-lt gry,tr-rr dk gry,tr off wh,mnr calc,kaol i/p,tr pyr dissem, tr glauc,sft frm,tr disp,sbbiky-sbfiss, tr amor.

COAL:olv blk-gry/brn,dll-ea, slty,mod hd frm,com brit,sbfiss-sbbiky,ang-unevn.

SANDSTONE:opq-clr,f-crs,tr v crs,pr srt,sbrnd-sbang,lse,gd inf por,no fluor.

Survey @ 2702.5m: 27.35° 128.8Az

ARGILLACEOUS SILTSTONE: lt olv gry-lt gry,tr-rr dk gry,tr off wh,mnr calc,kaol i/p,tr pyr nod, tr carb mat,sft frm,tr disp,sbbiky-sbfiss,tr amor.

SANDSTONE:opq-clr,f-crs,tr v crs,pr srt,sbang-ang,lse,fr inf por,no fluor.

ARGILLACEOUS SILTSTONE: lt olv gry-lt gry,tr off wh, kaol i/p,tr pyr nod, tr carb mat, sft frm,tr disp,sbbiky-blky, tr amor.

Survey @ 2731.3m: 28.69° 129.1Az

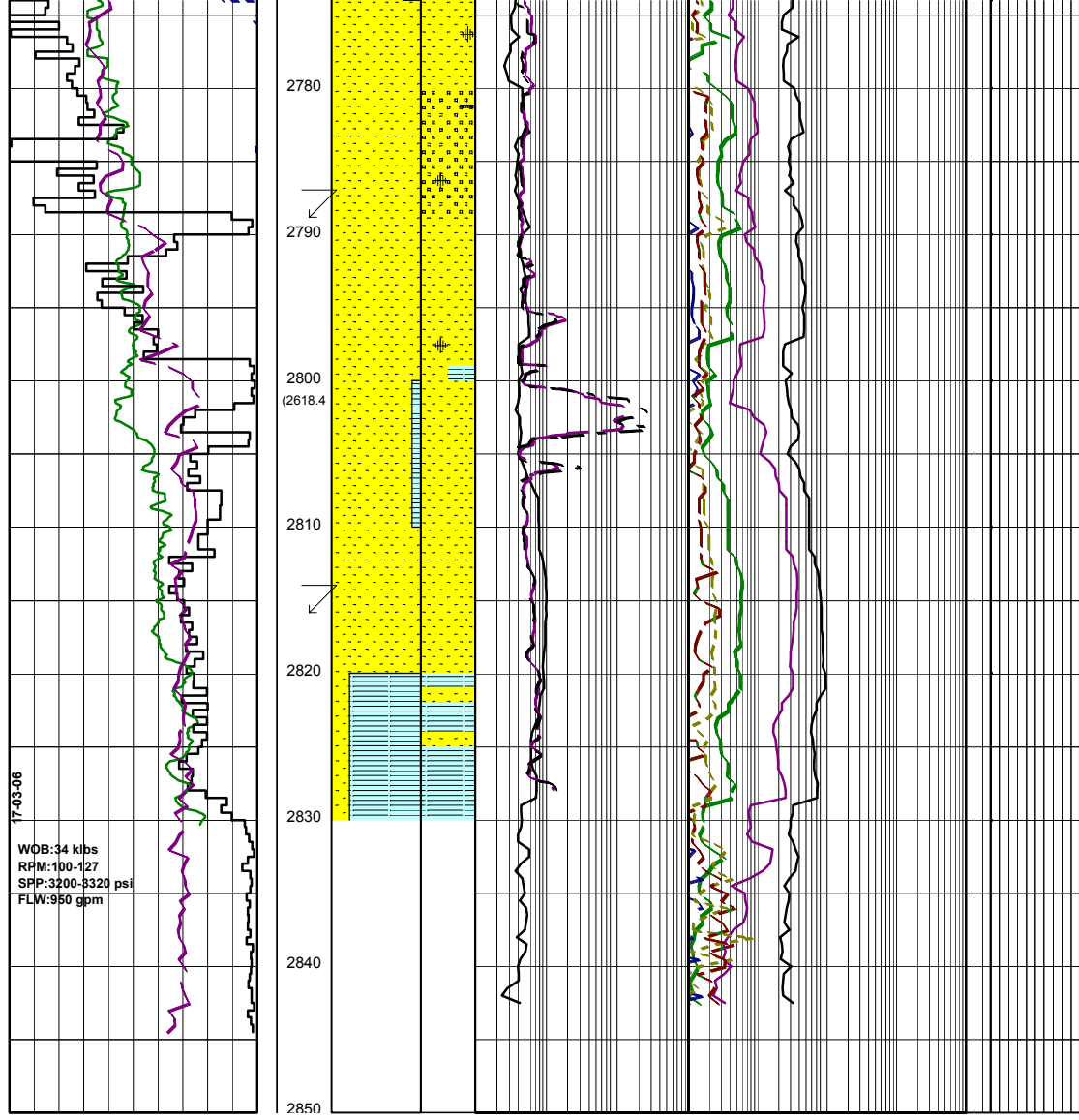
SANDSTONE:opq-clr,f-med, tr crs,pr srt,sbrnd-sbang,lse,gd inf por,no fluor.

ARGILLACEOUS SILTSTONE: lt olv gry-lt gry,tr off wh, kaol i/p,tr pyr nod, tr carb mat, tr mic,sft frm,tr disp,blky-sbbiky, tr amor.

SANDSTONE:clr-opq,f-med, tr crs, tr vf,pr srt,sbrnd-sbang,lse, gd inf por,no fluor.

Survey @ 2759.9m: 30.71° 130.0Az

SANDSTONE:clr-opq,com trnsi, vf-crs, tr v crs, v pr srt,sbang-sbrnd, tr calc, tr pyr nod, tr mic, tr carb mat,lse,gd inf por, no fluor.



SANDSTONE:clr-opq,com trnsl, vf-crs,com v crs,v pr srt,sbang-sbrnd,tr pyr nod & cmt aggs i/p, lse,tr frm aggs,gd inf por,no fluor.

Survey @ 2788.2m: 33.03° 129.3Az

SANDSTONE:opq-clr,com trnsl, crs-f,com v crs,v pr srt,rnd-sbang, tr ang,tr qtz ovghs,tr pyr nod & cmt aggs,lse,tr frm-mod hd,gd inf por, no fluor.

SANDSTONE:opq-clr,com trnsl, f-crs,tr v crs,v pr srt,rnd-sbang, tr ang,tr qtz ovghs,tr pyr nod & cmt aggs,tr dolo cmt,lse,tr frm-mod hd, gd inf por,no fluor.

Survey @ 2816.4m: 33.18° 128.2Az

CLAYSTONE 1:mott v lt-lt gry,med dk gry,tr silt,tr calc,rr microfoss,tr carb carb mat,amor-sbbiky,v sft-sft, occ frm.

CLAYSTONE 2:dk gry,sl calc,frm, bkly-spintry,homogen Cavings:50mmx10mm in course sieve sample.

17-03-06  
WOB:34 klbs  
RPM:100-127  
SPP:3200-3320 psi  
FLW:950 gpm