FORMATION EVALUATION LOG

WELL : BASKER-3

FROM (m): 2500 TO (m): 3280 SCALE: 1/ 500

Country	: AUSTRALIA	**POSITION**		**HOLE / CASING INFO**			
Basin	: GIPPSLAND	Latitude	: 38°18'42.44"S	17 1/2" Hole to (mMDRT)	: 1112m	Spud Date	: 01-03-2006
Field	: BASKER	Longitude	: 148°43'29.78"E	12 1/4" Hole to (mMDRT)	: xxxxm	Total Depth Date	: xx-03-2006
Permit	: VIC/L26	UTM Co-ord X (m E)	: 650106.2			Total Depth (mRT)	: xxxxm
Well Type	: DEVELOPMENT	UTM Co-ord Y (m N)	: 5761989.6	13 3/8" Shoe at (mMDRT)	: 1102.3m	T.V.D. (mSS MSL)	: xxxxm
Rig Name	: OCEAN PATRIOT	RT-LAT (m)	: 21.5	9 5/8" Shoe at (mMDRT)	: xxxx.xm	Status	: COMPLETED
		RT-Seabed (m)	: 174.4				

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
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

LITHOLOGY LEGEND

Claystone, Siltstone, ar. Silt ar, Fine SST, Medium SST, Coarse SST, Marl, Clay, Limestone, Limestone, Dolomite, Coal, Gypsum, Lithic Fragment, Foraminifera, Fossils, Bryozoa, Brachiopoda, Cement, Sponges, Glauconite, Pyrite, Iron Minerals, Mica, Carb Fragments

ENGINEERING LEGEND

Shoe, FIT, Mud loss, Deviation survey, DST, Mud gain, Test, Sidewall Core, Core, RFT

MWD Gamma Ray (api) 0 100 200

WOB (Klbs) 0 25 50

ROP Backup (m/h) 300 200 100

ROP (m/h) 100 50 0

CORES

DEPTH MDRTm (TVDRTm)

CUTTINGS LITHOLOGY %

INTERPRETED LITHOLOGY

TOTAL GAS & RESISTIVITY

Resistivity (Deep) Ohm.m .2 2 20 200

Resistivity (Shallow) Ohm.m .2 2 20 200

Total Gas (Units) 1 10 100 1K

RESERVAL CHROMATOGRAPH (PPM)

Methane, Ethane, Propane, ISO-Butane, N-Butane, ISO-Pentane, N-Pentane

10 100 1K 10K 100K

OIL FLUORESCENCE

CALC (%) 0 100

DOLO (%) 100 0

LITHOLOGICAL DESCRIPTIONS AND REMARKS

2500

10-15% calc,tr dis pyr,tr carb spk,tr micr foss,sft-fm,sbblky-blky.

2510

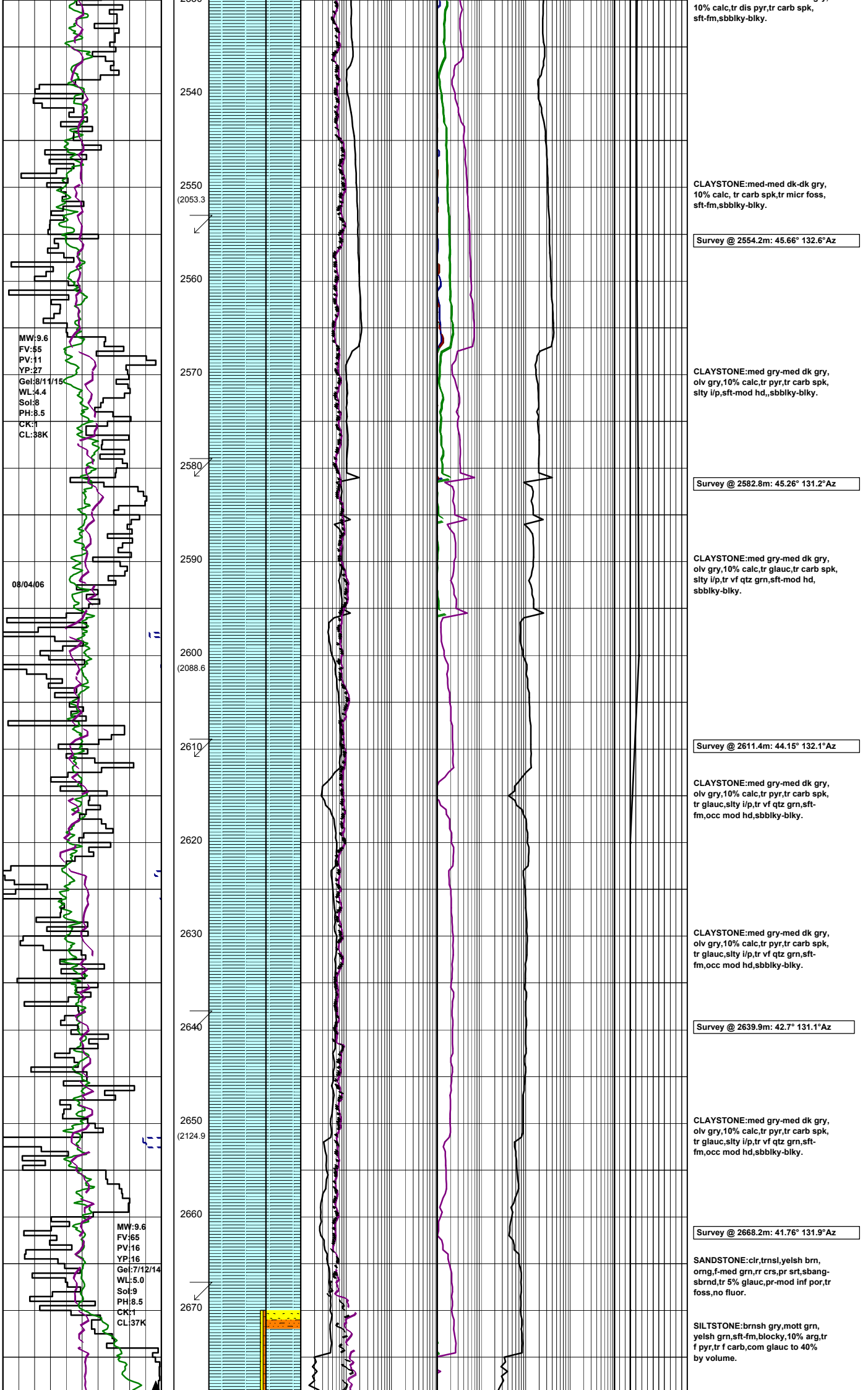
2520

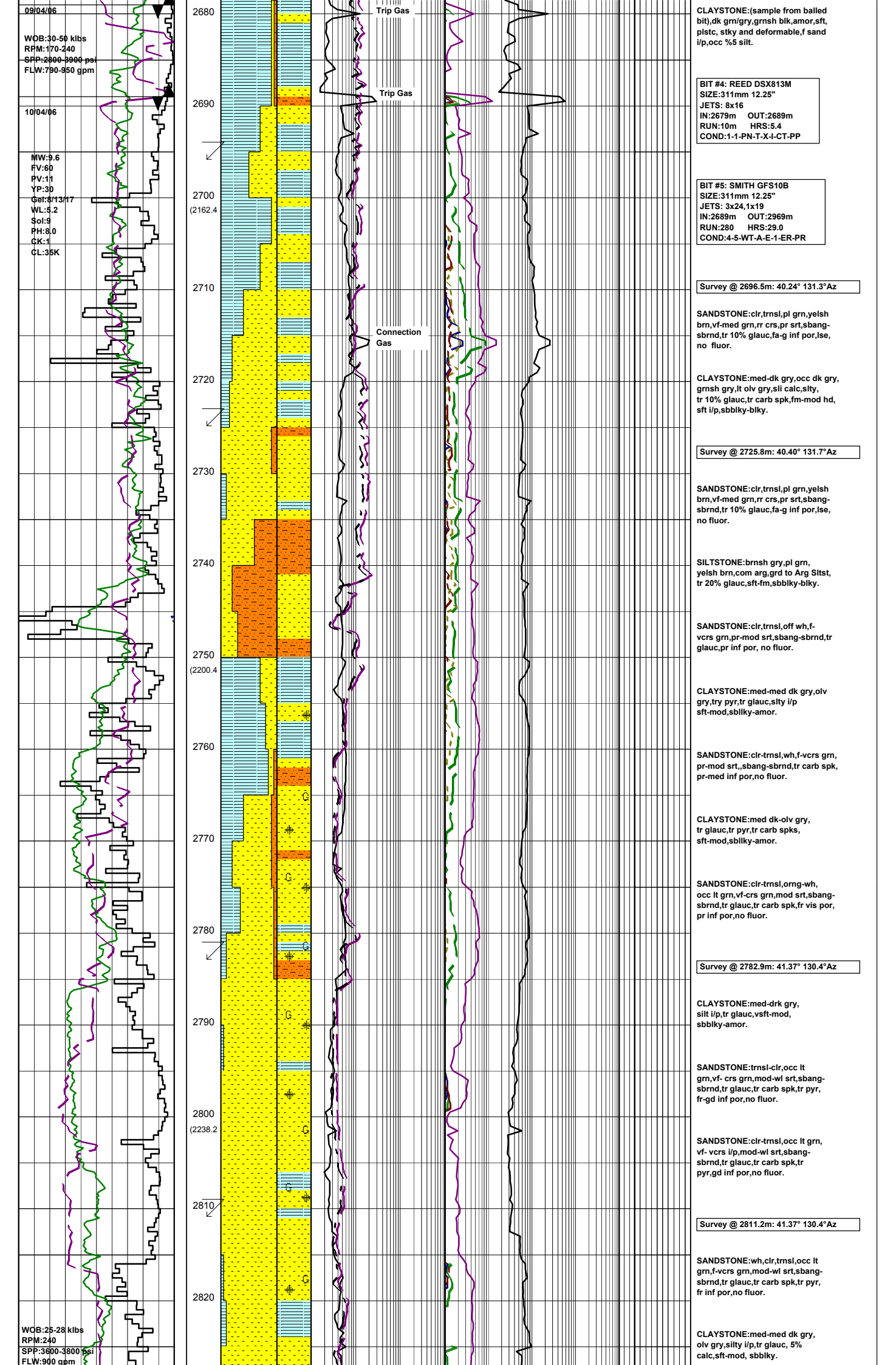
CLAYSTONE:med dk-dk gry, 10 % calc,tr dis pyr,tr carb spk, sft-fm,sblky-blky.

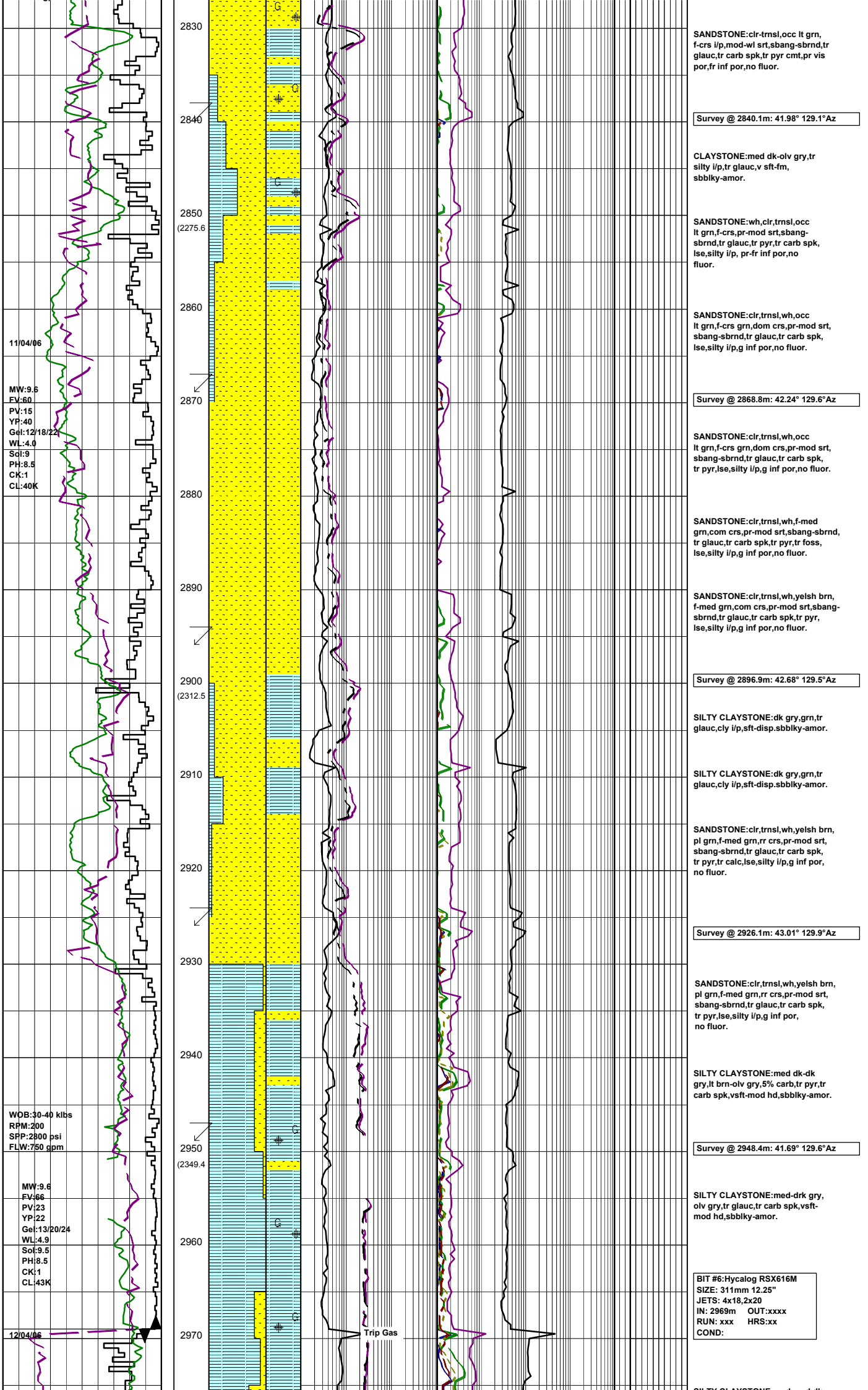
Survey @ 2525.4m: 43.73° 133.8°Az

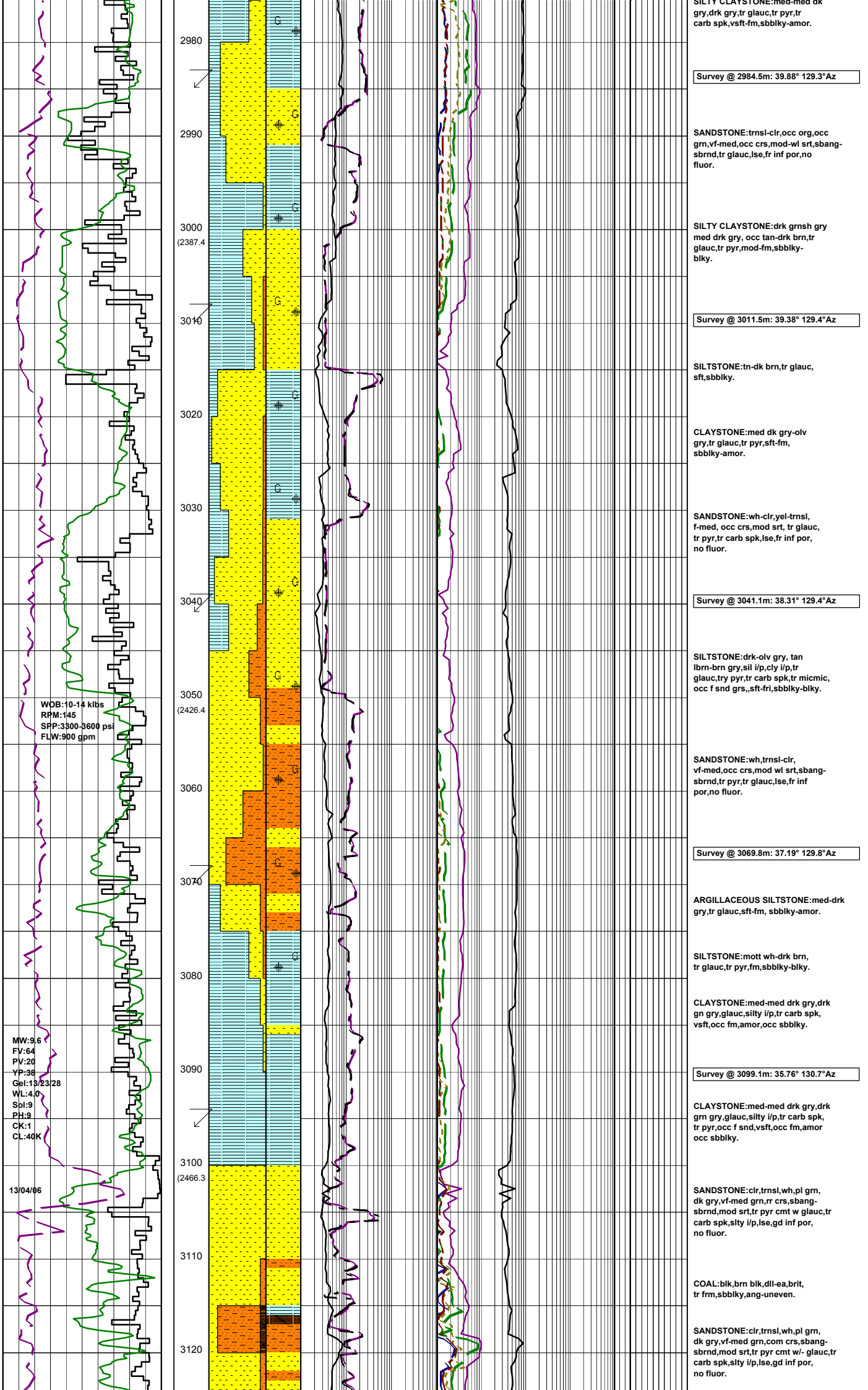
2530

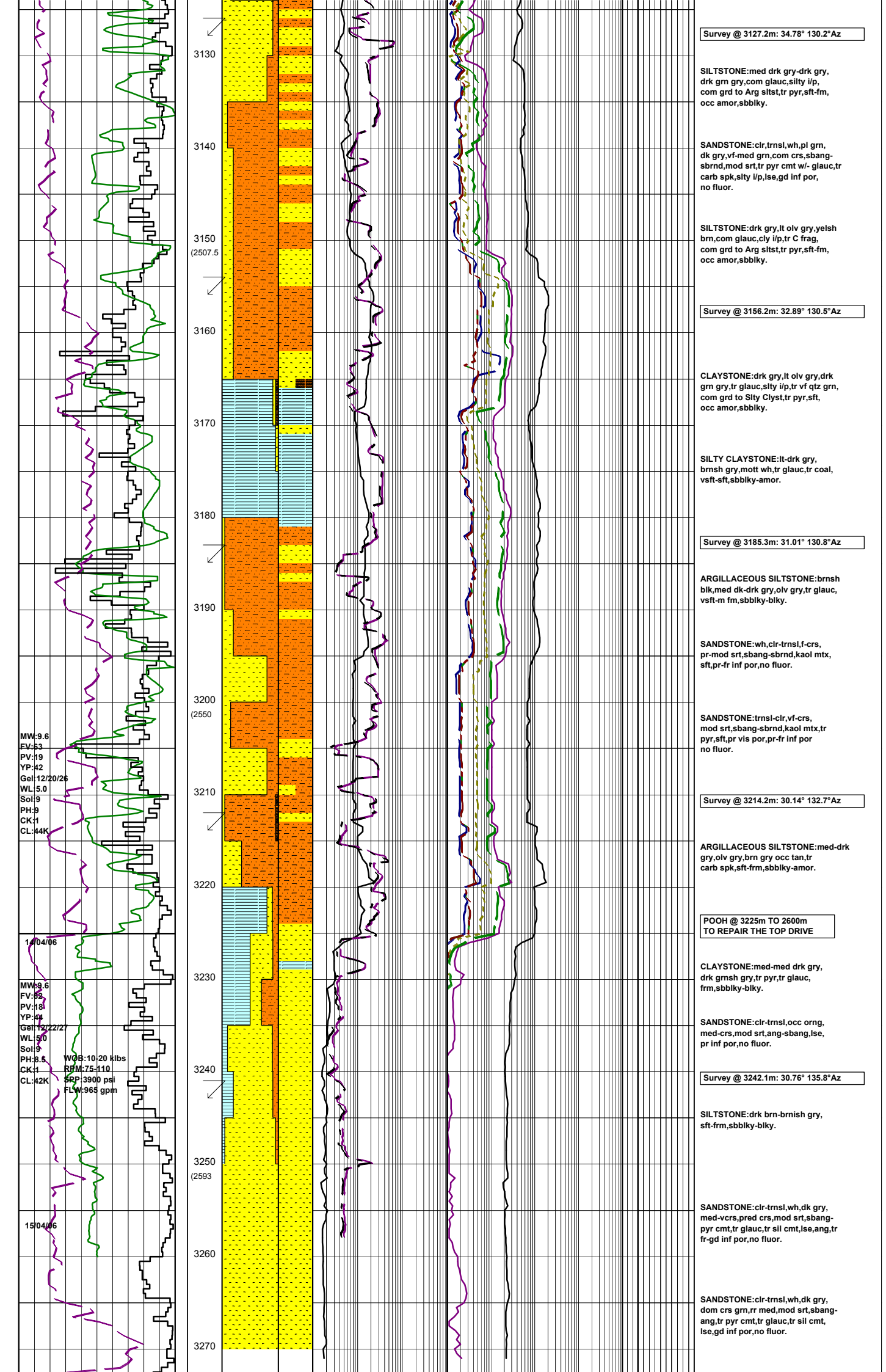
CLAYSTONE:med-med dk oly gry,

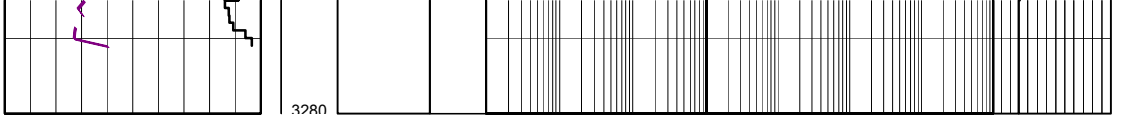

10% calc,tr dis pyr,tr carb spk,
sft-fm,sbblky-blky.
2540
2550
(2053.3
CLAYSTONE:med-med dk-dk gry,
10% calc, tr carb spk,tr micr foss,
sft-fm,sbblky-blky.
Survey @ 2554.2m: 45.66° 132.6°Az
2560
MW:9.6
FV:55
PV:11
YP:27
Gel:8/11/15
WL:4.4
Sol:8
PH:8.5
CK:1
CL:38K
2570
CLAYSTONE:med gry-med dk gry,
olv gry,10% calc,tr pyr,tr carb spk,
slty i/p,sft-mod hd,,sbblky-blky.
2580
Survey @ 2582.8m: 45.26° 131.2°Az
2590
CLAYSTONE:med gry-med dk gry,
olv gry,10% calc,tr glauc,tr carb spk,
slty i/p,tr vf qtz grn,sft-mod hd,
sbblky-blky.
08/04/06
2600
(2088.6
2610
Survey @ 2611.4m: 44.15° 132.1°Az
CLAYSTONE:med gry-med dk gry,
olv gry,10% calc,tr pyr,tr carb spk,
tr glauc,slty i/p,tr vf qtz grn,sft-
fm,occ mod hd,sbblky-blky.
2620
2630
CLAYSTONE:med gry-med dk gry,
olv gry,10% calc,tr pyr,tr carb spk,
tr glauc,slty i/p,tr vf qtz grn,sft-
fm,occ mod hd,sbblky-blky.
2640
Survey @ 2639.9m: 42.7° 131.1°Az
2650
(2124.9
CLAYSTONE:med gry-med dk gry,
olv gry,10% calc,tr pyr,tr carb spk,
tr glauc,slty i/p,tr vf qtz grn,sft-
fm,occ mod hd,sbblky-blky.
2660
MW:9.6
FV:65
PV:16
YP:16
Gel:7/12/14
WL:5.0
Sol:9
PH:8.5
CK:1
CL:37K
Survey @ 2668.2m: 41.76° 131.9°Az
SANDSTONE:clr,trnsl,yelsh brn,
orng,f-med grn,rr crs,pr srt,sbang-
sbrnd,tr 5% glauc,pr-mod inf por,tr
foss,no fluor.
2670
SILTSTONE:brnsh gry,mott grn,
yelsh grn,sft-fm,blocky,10% arg,tr
f pyr,tr f carb,com glauc to 40%
by volume.


09/04/06
WOB:30-50 klbs
RPM:170-240
SPP:2800-3900 psi
FLW:790-950 gpm
10/04/06
MW:9.6
FV:60
PV:11
YP:30
Gel:8/13/17
WL:5.2
Sol:9
PH:8.0
CK:1
CL:35K
WOB:25-28 klbs
RPM:240
SPP:3600-3800 psi
FLW:900 gpm
2680
2690
2700
(2162.4
2710
2720
2730
2740
2750
(2200.4
2760
2770
2780
2790
2800
(2238.2
2810
2820
Trip Gas
Trip Gas
Connection Gas
CLAYSTONE:(sample from balled bit),dk grn/gry,grnsh blk,amor,sft, plstc, stky and deformable,f sand i/p,occ %5 silt.
BIT #4: REED DSX813M
SIZE:311mm 12.25"
JETS: 8x16
IN:2679m OUT:2689m
RUN:10m HRS:5.4
COND:1-1-PN-T-X-I-CT-PP
BIT #5: SMITH GFS10B
SIZE:311mm 12.25"
JETS: 3x24,1x19
IN:2689m OUT:2969m
RUN:280 HRS:29.0
COND:4-5-WT-A-E-1-ER-PR
Survey @ 2696.5m: 40.24° 131.3°Az
SANDSTONE:clr,trnsl,pl grn,yelsh brn,vf-med grn,rr crs,pr srt,sbang-sbrnd,tr 10% glauc,fa-g inf por,lse, no fluor.
CLAYSTONE:med-dk gry,occ dk gry, grnsh gry,lt olv gry,sli calc,slty, tr 10% glauc,tr carb spk,fm-mod hd, sft i/p,sbblky-blky.
Survey @ 2725.8m: 40.40° 131.7°Az
SANDSTONE:clr,trnsl,pl grn,yelsh brn,vf-med grn,rr crs,pr srt,sbang-sbrnd,tr 10% glauc,fa-g inf por,lse, no fluor.
SILTSTONE:brnsh gry,pl grn, yelsh brn,com arg,grd to Arg Sltst, tr 20% glauc,sft-fm,sbblky-blky.
SANDSTONE:clr,trnsl,off wh,f-vcrs grn,pr-mod srt,sbang-sbrnd,tr glauc,pr inf por, no fluor.
CLAYSTONE:med-med dk gry,olv gry,try pyr,tr glauc,slty i/p sft-mod,sbllky-amor.
SANDSTONE:clr-trnsl,wh,f-vcrs grn, pr-mod srt,,sbang-sbrnd,tr carb spk, pr-med inf por,no fluor.
CLAYSTONE:med dk-olv gry, tr glauc,tr pyr,tr carb spks, sft-mod,sbllky-amor.
SANDSTONE:clr-trnsl,orng-wh, occ lt grn,vf-crs grn,mod srt,sbang-sbrnd,tr glauc,tr carb spk,fr vis por, pr inf por,no fluor.
Survey @ 2782.9m: 41.37° 130.4°Az
CLAYSTONE:med-drk gry, silt i/p,tr glauc,vsft-mod, sbblky-amor.
SANDSTONE:trnsl-clr,occ lt grn,vf- crs grn,mod-wl srt,sbang-sbrnd,tr glauc,tr carb spk,tr pyr, fr-gd inf por,no fluor.
SANDSTONE:clr-trnsl,occ lt grn, vf- vcrs i/p,mod-wl srt,sbang-sbrnd,tr glauc,tr carb spk,tr pyr,gd inf por,no fluor.
Survey @ 2811.2m: 41.37° 130.4°Az
SANDSTONE:wh,clr,trnsl,occ lt grn,f-vcrs grn,mod-wl srt,sbang-sbrnd,tr glauc,tr carb spk,tr pyr, fr inf por,no fluor.
CLAYSTONE:med-med dk gry, olv gry,silty i/p,tr glauc, 5% calc,sft-mod, sbblky.


2830
2840
2850
(2275.6
2860
2870
2880
2890
2900
(2312.5
2910
2920
2930
2940
2950
(2349.4
2960
2970
11/04/06
MW:9.6
FV:60
PV:15
YP:40
Gel:12/18/22
WL:4.0
Sol:9
PH:8.5
CK:1
CL:40K
WOB:30-40 klbs
RPM:200
SPP:2800 psi
FLW:750 gpm
MW:9.6
FV:66
PV:23
YP:22
Gel:13/20/24
WL:4.9
Sol:9.5
PH:8.5
CK:1
CL:43K
12/04/06
Trip Gas
SANDSTONE:clr-trnsl,occ lt grn, f-crs i/p,mod-wl srt,sbang-sbrnd,tr glauc,tr carb spk,tr pyr cmt,pr vis por,fr inf por,no fluor.
Survey @ 2840.1m: 41.98° 129.1°Az
CLAYSTONE:med dk-olv gry,tr silty i/p,tr glauc,v sft-fm, sbblky-amor.
SANDSTONE:wh,clr,trnsl,occ lt grn,f-crs,pr-mod srt,sbang-sbrnd,tr glauc,tr pyr,tr carb spk, lse,silty i/p, pr-fr inf por,no fluor.
SANDSTONE:clr,trnsl,wh,occ lt grn,f-crs grn,dom crs,pr-mod srt, sbang-sbrnd,tr glauc,tr carb spk, lse,silty i/p,g inf por,no fluor.
Survey @ 2868.8m: 42.24° 129.6°Az
SANDSTONE:clr,trnsl,wh,occ lt grn,f-crs grn,dom crs,pr-mod srt, sbang-sbrnd,tr glauc,tr carb spk, tr pyr,lse,silty i/p,g inf por,no fluor.
SANDSTONE:clr,trnsl,wh,f-med grn,com crs,pr-mod srt,sbang-sbrnd, tr glauc,tr carb spk,tr pyr,tr foss, lse,silty i/p,g inf por,no fluor.
SANDSTONE:clr,trnsl,wh,yelsh brn, f-med grn,com crs,pr-mod srt,sbang-sbrnd,tr glauc,tr carb spk,tr pyr, lse,silty i/p,g inf por,no fluor.
Survey @ 2896.9m: 42.68° 129.5°Az
SILTY CLAYSTONE:dk gry,grn,tr glauc,cly i/p,sft-disp.sbblky-amor.
SILTY CLAYSTONE:dk gry,grn,tr glauc,cly i/p,sft-disp.sbblky-amor.
SANDSTONE:clr,trnsl,wh,yelsh brn, pl grn,f-med grn,rr crs,pr-mod srt, sbang-sbrnd,tr glauc,tr carb spk, tr pyr,tr calc,lse,silty i/p,g inf por, no fluor.
Survey @ 2926.1m: 43.01° 129.9°Az
SANDSTONE:clr,trnsl,wh,yelsh brn, pl grn,f-med grn,rr crs,pr-mod srt, sbang-sbrnd,tr glauc,tr carb spk, tr pyr,lse,silty i/p,g inf por, no fluor.
SILTY CLAYSTONE:med dk-dk gry,lt brn-olv gry,5% carb,tr pyr,tr carb spk,vsft-mod hd,sbblky-amor.
Survey @ 2948.4m: 41.69° 129.6°Az
SILTY CLAYSTONE:med-drk gry, olv gry,tr glauc,tr carb spk,vsft-mod hd,sbblky-amor.
BIT #6:Hycalog RSX616M
SIZE: 311mm 12.25"
JETS: 4x18,2x20
IN: 2969m OUT:xxxx
RUN: xxx HRS:xx
COND:


2980
2990
3000
(2387.4
3010
3020
3030
3040
3050
(2426.4
3060
3070
3080
3090
3100
(2466.3
3110
3120
WOB:10-14 klbs
RPM:145
SPP:3300-3600 psi
FLW:900 gpm
MW:9.6
FV:64
PV:20
YP:38
Gel:13/23/28
WL:4.0
Sol:9
PH:9
CK:1
CL:40K
13/04/06
SILTY CLAYSTONE:med-med dk gry,drk gry,tr glauc,tr pyr,tr carb spk,vsft-fm,sbblky-amor.
Survey @ 2984.5m: 39.88° 129.3°Az
SANDSTONE:trnsl-clr,occ org,occ grn,vf-med,occ crs,mod-wl srt,sbang-sbrnd,tr glauc,lse,fr inf por,no fluor.
SILTY CLAYSTONE:drk grnsh gry med drk gry, occ tan-drk brn,tr glauc,tr pyr,mod-fm,sbblky-blky.
Survey @ 3011.5m: 39.38° 129.4°Az
SILTSTONE:tn-dk brn,tr glauc, sft,sbblky.
CLAYSTONE:med dk gry-olv gry,tr glauc,tr pyr,sft-fm, sbblky-amor.
SANDSTONE:wh-clr,yel-trnsl, f-med, occ crs,mod srt, tr glauc, tr pyr,tr carb spk,lse,fr inf por, no fluor.
Survey @ 3041.1m: 38.31° 129.4°Az
SILTSTONE:drk-olv gry, tan lbrn-brn gry,sil i/p,cly i/p,tr glauc,try pyr,tr carb spk,tr micmic, occ f snd grs,,sft-fri,sbblky-blky.
SANDSTONE:wh,trnsl-clr, vf-med,occ crs,mod wl srt,sbang-sbrnd,tr pyr,tr glauc,lse,fr inf por,no fluor.
Survey @ 3069.8m: 37.19° 129.8°Az
ARGILLACEOUS SILTSTONE:med-drk gry,tr glauc,sft-fm, sbblky-amor.
SILTSTONE:mott wh-drk brn, tr glauc,tr pyr,fm,sbblky-blky.
CLAYSTONE:med-med drk gry,drk gn gry,glauc,silty i/p,tr carb spk, vsft,occ fm,amor,occ sbblky.
Survey @ 3099.1m: 35.76° 130.7°Az
CLAYSTONE:med-med drk gry,drk grn gry,glauc,silty i/p,tr carb spk, tr pyr,occ f snd,vsft,occ fm,amor occ sbblky.
SANDSTONE:clr,trnsl,wh,pl grn, dk gry,vf-med grn,rr crs,sbang-sbrnd,mod srt,tr pyr cmt w glauc,tr carb spk,slty i/p,lse,gd inf por, no fluor.
COAL:blk,brn blk,dll-ea,brit, tr frm,sbblky,ang-uneven.
SANDSTONE:clr,trnsl,wh,pl grn, dk gry,vf-med grn,com crs,sbang-sbrnd,mod srt,tr pyr cmt w/- glauc,tr carb spk,slty i/p,lse,gd inf por, no fluor.


3130
3140
3150
(2507.5
3160
3170
3180
3190
3200
(2550
3210
3220
3230
3240
3250
(2593
3260
3270
MW:9.6
FV:63
PV:19
YP:42
Gel:12/20/26
WL:5.0
Sol:9
PH:9
CK:1
CL:44K
14/04/06
MW:9.6
FV:62
PV:18
YP:41
Gel:12/22/27
WL:5.0
Sol:9
PH:8.5
CK:1
CL:42K
WOB:10-20 klbs
RPM:75-110
SPP:3900 psi
FLW:965 gpm
15/04/06
Survey @ 3127.2m: 34.78° 130.2°Az
SILTSTONE:med drk gry-drk gry, drk grn gry,com glauc,silty i/p, com grd to Arg sltst,tr pyr,sft-fm, occ amor,sbblky.
SANDSTONE:clr,trnsl,wh,pl grn, dk gry,vf-med grn,com crs,sbang-sbrnd,mod srt,tr pyr cmt w/- glauc,tr carb spk,slty i/p,lse,gd inf por, no fluor.
SILTSTONE:drk gry,lt olv gry,yelsh brn,com glauc,cly i/p,tr C frag, com grd to Arg sltst,tr pyr,sft-fm, occ amor,sbblky.
Survey @ 3156.2m: 32.89° 130.5°Az
CLAYSTONE:drk gry,lt olv gry,drk grn gry,tr glauc,slty i/p,tr vf qtz grn, com grd to Slty Clyst,tr pyr,sft, occ amor,sbblky.
SILTY CLAYSTONE:lt-drk gry, brnsh gry,mott wh,tr glauc,tr coal, vsft-sft,sbblky-amor.
Survey @ 3185.3m: 31.01° 130.8°Az
ARGILLACEOUS SILTSTONE:brnsh blk,med dk-drk gry,olv gry,tr glauc, vsft-m fm,sbblky-blky.
SANDSTONE:wh,clr-trnsl,f-crs, pr-mod srt,sbang-sbrnd,kaol mtx, sft,pr-fr inf por,no fluor.
SANDSTONE:trnsl-clr,vf-crs, mod srt,sbang-sbrnd,kaol mtx,tr pyr,sft,pr vis por,pr-fr inf por no fluor.
Survey @ 3214.2m: 30.14° 132.7°Az
ARGILLACEOUS SILTSTONE:med-drk gry,olv gry,brn gry occ tan,tr carb spk,sft-frm,sbblky-amor.
POOH @ 3225m TO 2600m
TO REPAIR THE TOP DRIVE
CLAYSTONE:med-med drk gry, drk grnsh gry,tr pyr,tr glauc, frm,sbblky-blky.
SANDSTONE:clr-trnsl,occ orng, med-crs,mod srt,ang-sbang,lse, pr inf por,no fluor.
Survey @ 3242.1m: 30.76° 135.8°Az
SILTSTONE:drk brn-brnish gry, sft-frm,sbblky-blky.
SANDSTONE:clr-trnsl,wh,dk gry, med-vcrs,pred crs,mod srt,sbang-pyr cmt,tr glauc,tr sil cmt,lse,ang,tr fr-gd inf por,no fluor.
SANDSTONE:clr-trnsl,wh,dk gry, dom crs grn,rr med,mod srt,sbang-ang,tr pyr cmt,tr glauc,tr sil cmt, lse,gd inf por,no fluor.


3280