



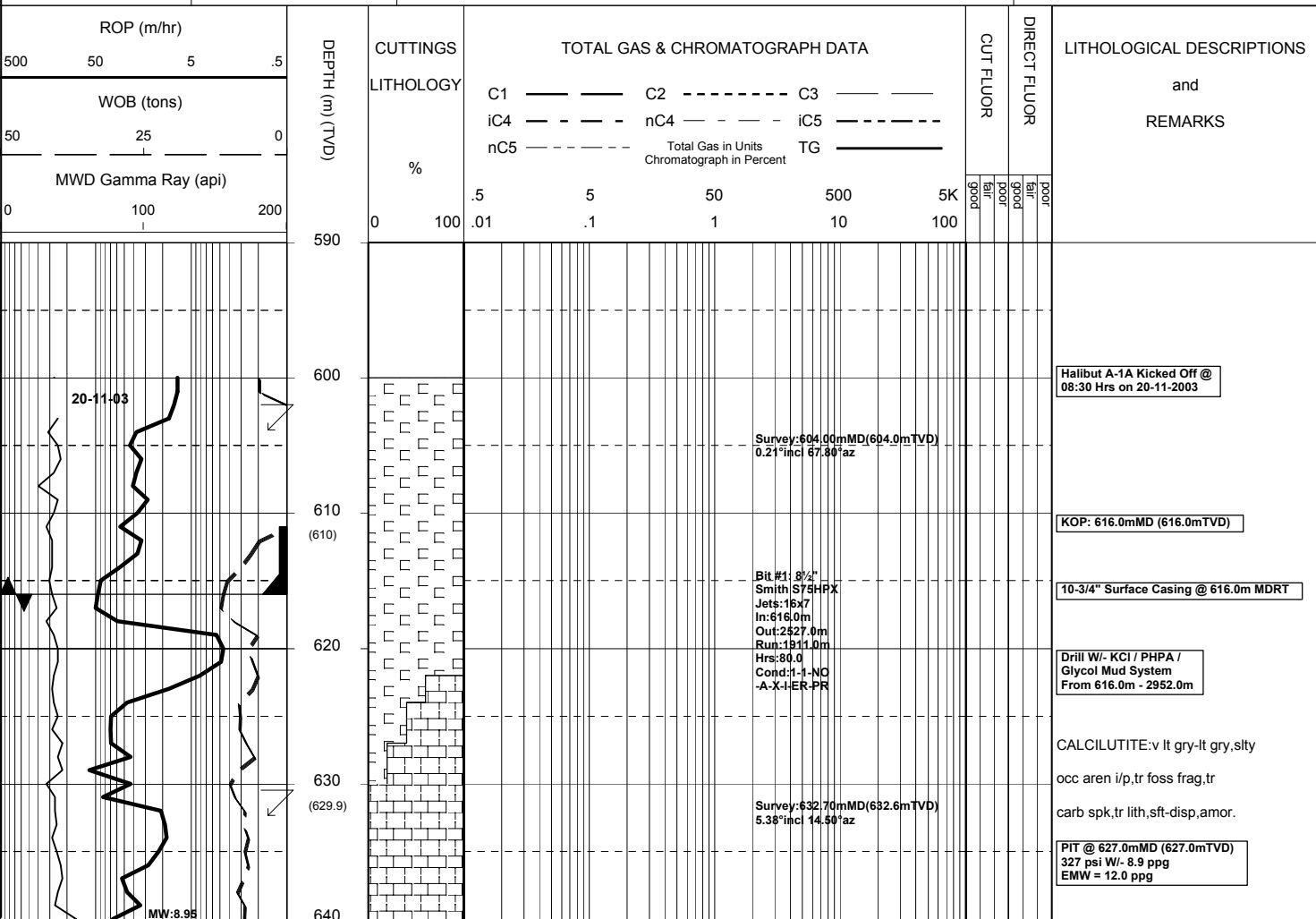
# MASTERLOG

## Halibut A-1A



GENERAL	POSITION	HOLE / CASING INFO	DATE / DEPTH	ENGINEERS
Country : Australia	Local Co-ord X : 20.36 mE	8-1/2" Hole to 2952.0 m	Spud Date : 20-11-2003	Rohan Pereira
Permit : VIC L11	Local Co-ord Y : -4.50 mN		Total Depth Date : 30-11-2003	Phil Rady
Field : Halibut	AMG Co-ord X : 615284.926 mE	20" Conductor Shoe @ 178.0 m	Total Depth : 2952.0 m	Leigh Foreman
Basin : Gippsland	AMG Co-ord Y : 5748514.601 mN	10-3/4" Surface Casing @ 616.0 m	True Vertical Depth : 2459.9 m	Matt Boyd
Well Type : Development	RT to MSL : 29.45 m	7.0" Production Liner @ 2944.5 m	Log Scale : 1/ 500	
Rig Name : Nabors 453	RT to Sea Bed : 99.75 m		Final Status : Cased & Suspended	

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	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	CLAYSTONE SILTSTONE SST: F - V FINE SST: MEDIUM SST: COARSE SHALE MARL LIMESTONE DOLOMITE CHERT CONGLOMERATE COAL BRYOZOA RADIOLARITES ECHINOIDES CORALS FORAMINIFERA LITHIC FRAGMENT CARB FRAGMENT QUARTZITE INTRUSIVES GLAUCONITE PYRITE CEMENT
		CASING SHOE LINER HANGER BIT CHANGE DEVI. SURVEY SWC UNRECOV SIDEWALL CORE CORE WIRELINE LOGS MDT POINTS: PRESSURE ONLY SAMPLE SEAL FAILURE TIGHT



FV:57  
PV:11  
YP:21  
Gel:5/10  
pH:10.7  
Cl:35.0k

WOB:7.12  
RPM:0-50  
MM RPM:170  
SPP:1000  
FLW:550

No H2S or CO2 Detected

NO GAS

650  
(649.8)

660

Survey:661.50mMD(661.1mTVD)  
10.39°incl 13.90°az

CALCILUTITE:v lt gry-lt gry,slty  
carb spks,tr lith,loc tr glauc,  
sft,disp,amor.

670  
(669.4)

680

690  
(688.9)

700

100 % C1

Survey:698.72mMD(697.4mTVD)  
15.90°incl 15.49°az

CALCILUTITE:yelsh gry-v lt gry,  
lt olv gry i/p,aren,abdt lith,  
sft,amor.

710  
(708.2)

720

730  
(727.3)

Survey:727.37mMD(724.8mTVD)  
18.13°incl 12.34°az

740

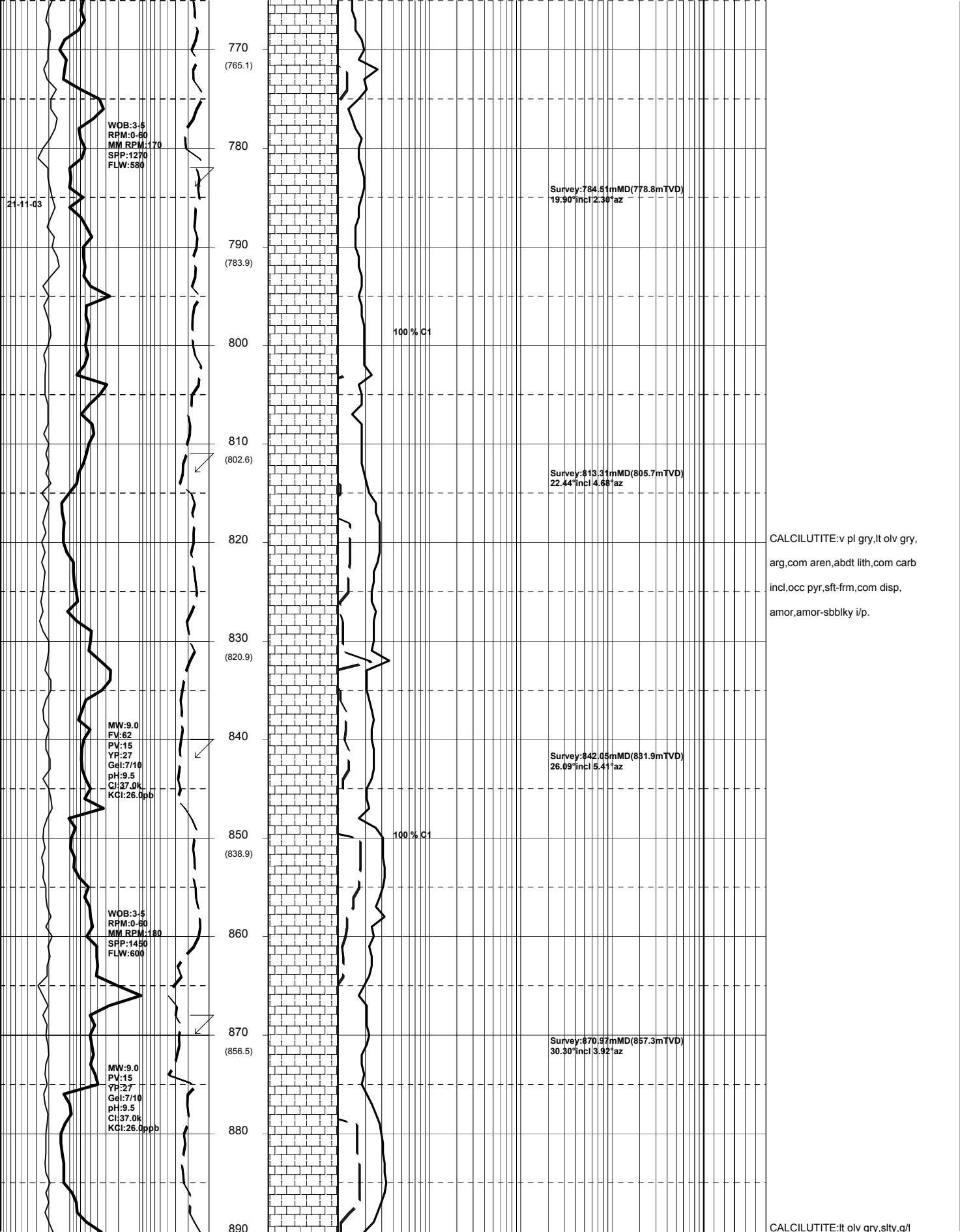
750  
(746.2)

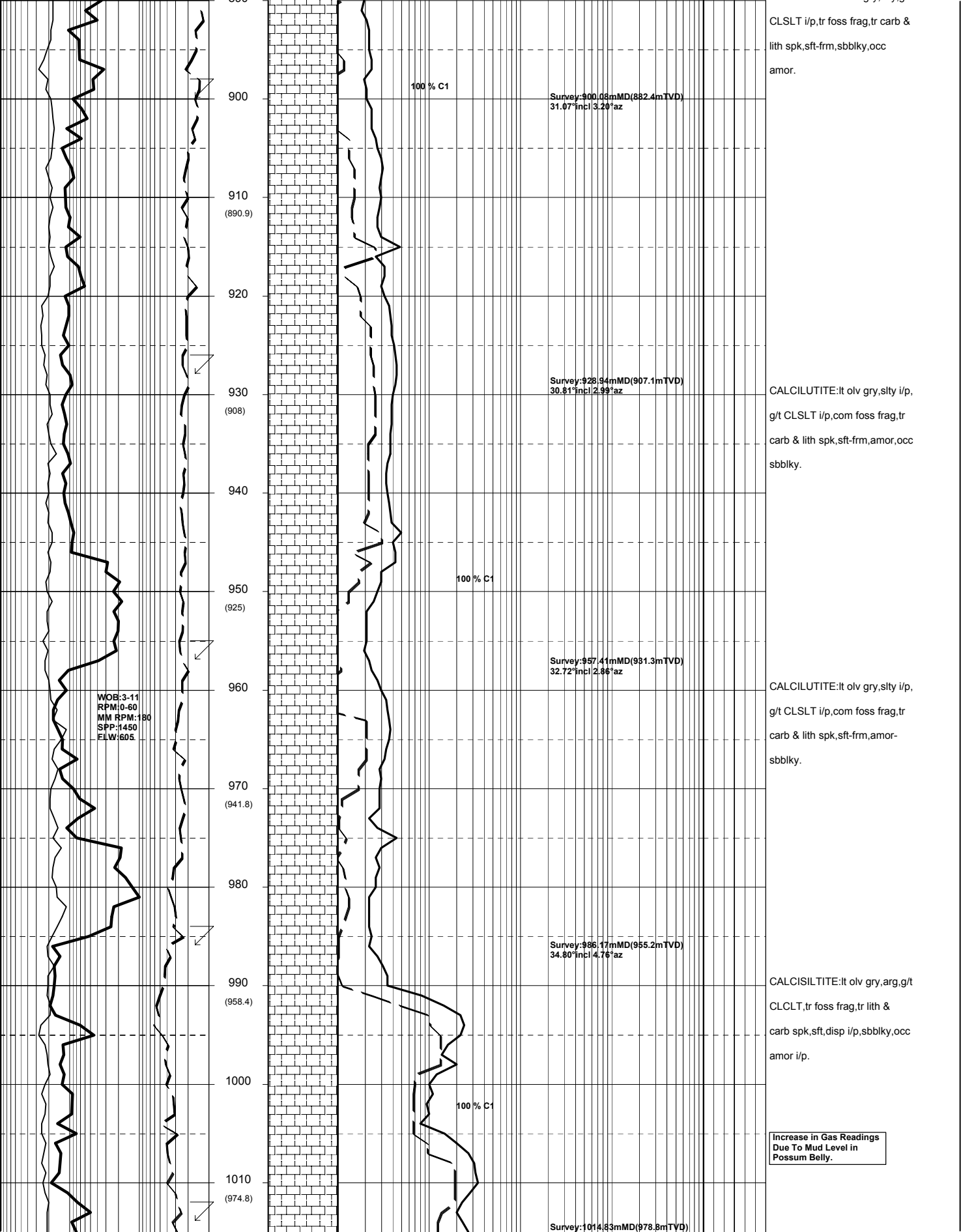
100 % C1

Survey:756.00mMD(751.9mTVD)  
18.95°incl 0.80°az

CALCILUTITE:v pl gry-yelsh gry,  
olv gry,aren i/p,mnr dissem pyr,  
abdt lith,disp,mnr v hd,amor,  
biky i/p.

760





34.93°incl	5.38°az
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CALCILUTITE:lt olv gry,slty,com

g/t CLSLT i/p,tr foss frag,tr

lith &amp; carb spk,sft-disp,sbblky-

amor.

WOB:3-10	
RPM:0-115	
MM RPM:180	
SPP:1500-1680	
FLW:615	

Survey: 1043.18mMD(1002.1mTVD)  
34.24°incl 4.73°az

100 % C1

CALCILUTITE:lt olv gry,slty,loc

g/t CLSLT i/p,tr foss frag,tr

lith &amp; carb spk,sft-disp,amor-

sbblky.

Survey:1071.97mMD(1026.0mTVD)  
33.75°incl 4.05°az

100 % C1

Survey: 1100.47mMD(1049.7mTVD)  
33.24°incl 3.80°az

CALCILUTITE:lt olv gry,slty,g/t

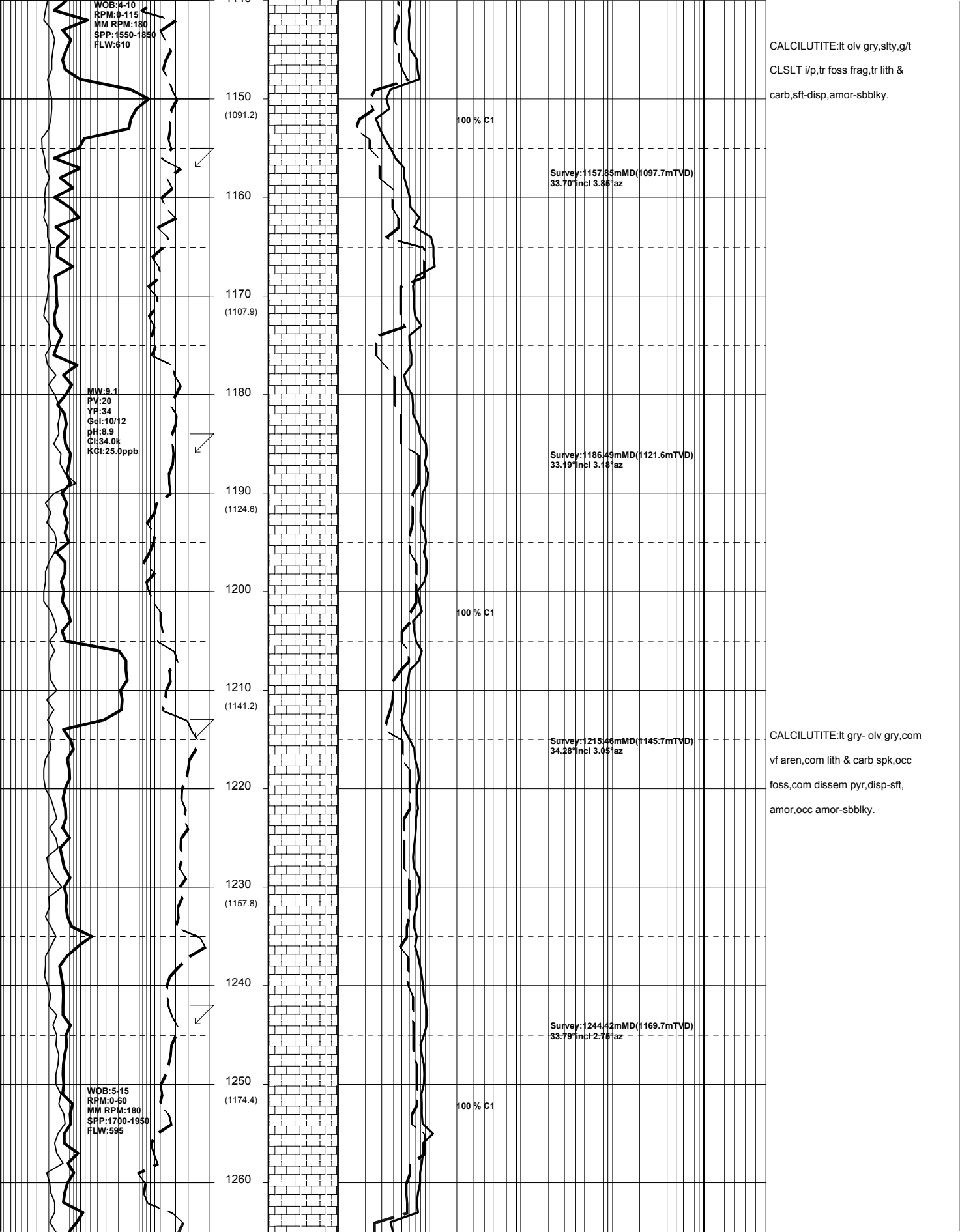
CLSLT i/p, tr foss frag, tr lith &amp;

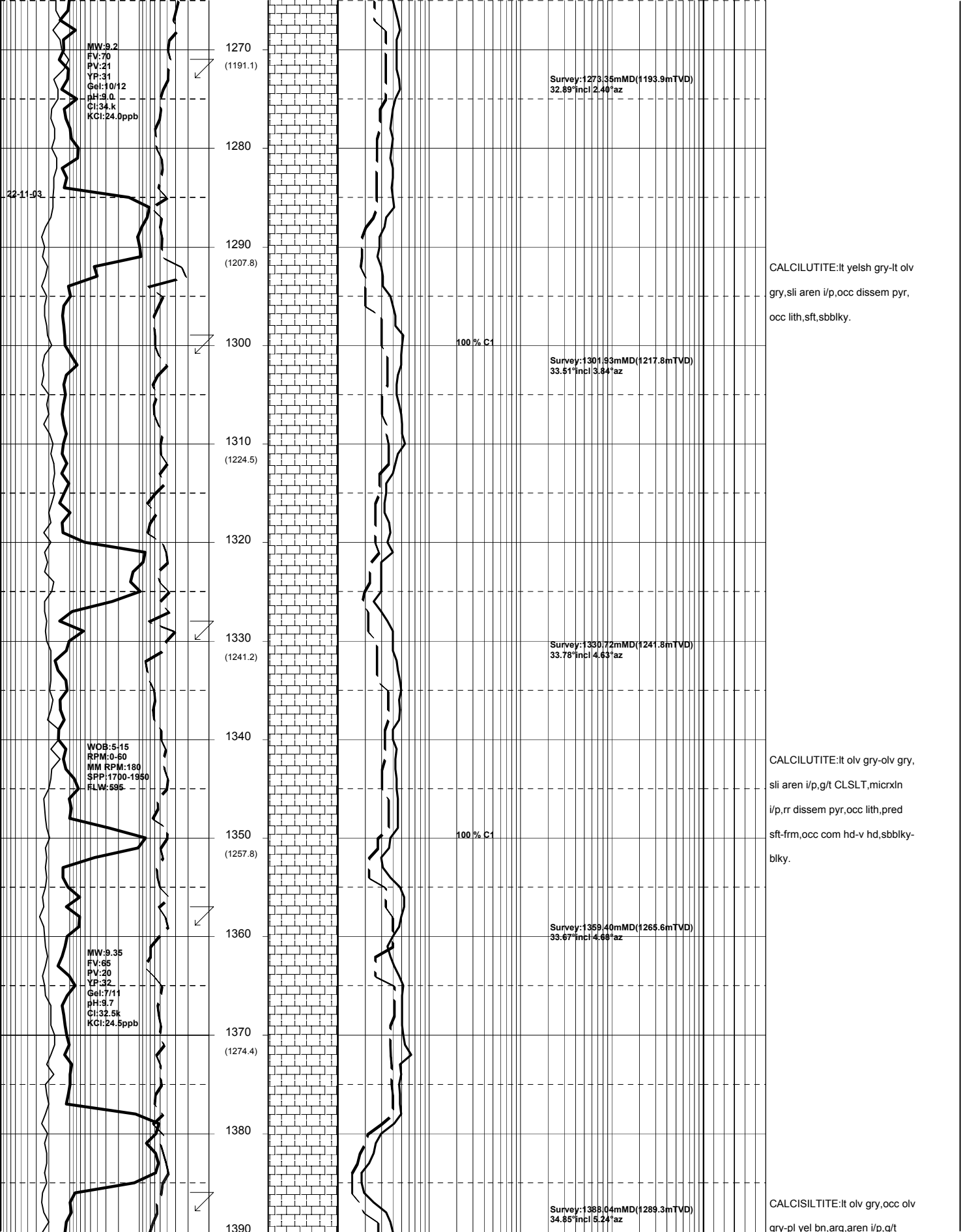
carb spk,sft,disp i/p,sbblky-

amor.

MW:9.05  
PV:20  
YP:34  
Gel:7/12  
pH:9.1  
Cl:36.0k \_  
KCl:26.0ppb

Survey: 1129.24mMD(1073.8mTVD)  
32.96°incl 3.55°az





CLCAR i/p,loc micrxln,tr foss  
frag,tr lith,pred sft-frm,occ  
hd-v hd,sbblky-blky.

CALCISILTITE:lt olv gry,occ  
gry,occ pl yel bn,arg,g/t CLC  
i/p,aren i/p,loc micrxln i/p,tr  
foss frag,tr lith,pred sft-frm,  
occ hd-v hd,sbblky-sbfiss,occ  
blky.

CALCILUTITE:lt olv gry-olv g  
pl yel bn,slt,g/t CLSLT i/p,loc  
micrxln i/p,tr foss frag,tr lith  
pred sft-frm,occ hd-v hd,sbbl  
blky,occ sbfiss.

[illegible]

CLCAR	i/p,loc micrxln,tr foss frag,tr lith,pred sft-frm,occ hd-v hd,sbblky-blky.
CALCISILTITE	lt olv gry,occ olv gry,occ pl yel bn,arg,g/t CLCLT i/p,aren i/p,loc micrxln i/p,tr foss frag,tr lith,pred sft-frm, occ hd-v hd,sbblky-sbfiss,occ blky.
CALCILUTITE	lt olv gry-olv gry, pl yel bn,slty,g/t CLSLT i/p,loc micrxln i/p,tr foss frag,tr lith pred sft-frm,occ hd-v hd,sbblky- blky,occ sbfiss.

[illegible]

Survey: 1416.40mMD(1312.7mTVD)  
34.07°incl 5.21°az

Survey: 1445.06mMD(1336.4mTVD)  
34.47°incl 4.92°az

Survey: 1473.68mMD(1360.0mTVD)  
34.48°incl 4.26°az

Survey: 1502.44mMD(1383.7mTVD)  
34.58°incl 3.88°az

CLCAR	i/p,loc micrxln,tr foss frag,tr lith,pred sft-frm,occ hd-v hd,sbblky-blky.
CALCISILTITE	lt olv gry,occ olv gry,occ pl yel bn,arg,g/t CLCLT i/p,aren i/p,loc micrxln i/p,tr foss frag,tr lith,pred sft-frm, occ hd-v hd,sbblky-sbfiss,occ blky.
CALCILUTITE	lt olv gry-olv gry, pl yel bn,slty,g/t CLSLT i/p,loc micrxln i/p,tr foss frag,tr lith pred sft-frm,occ hd-v hd,sbblky- blky,occ sbfiss.

[illegible]

99 / 1

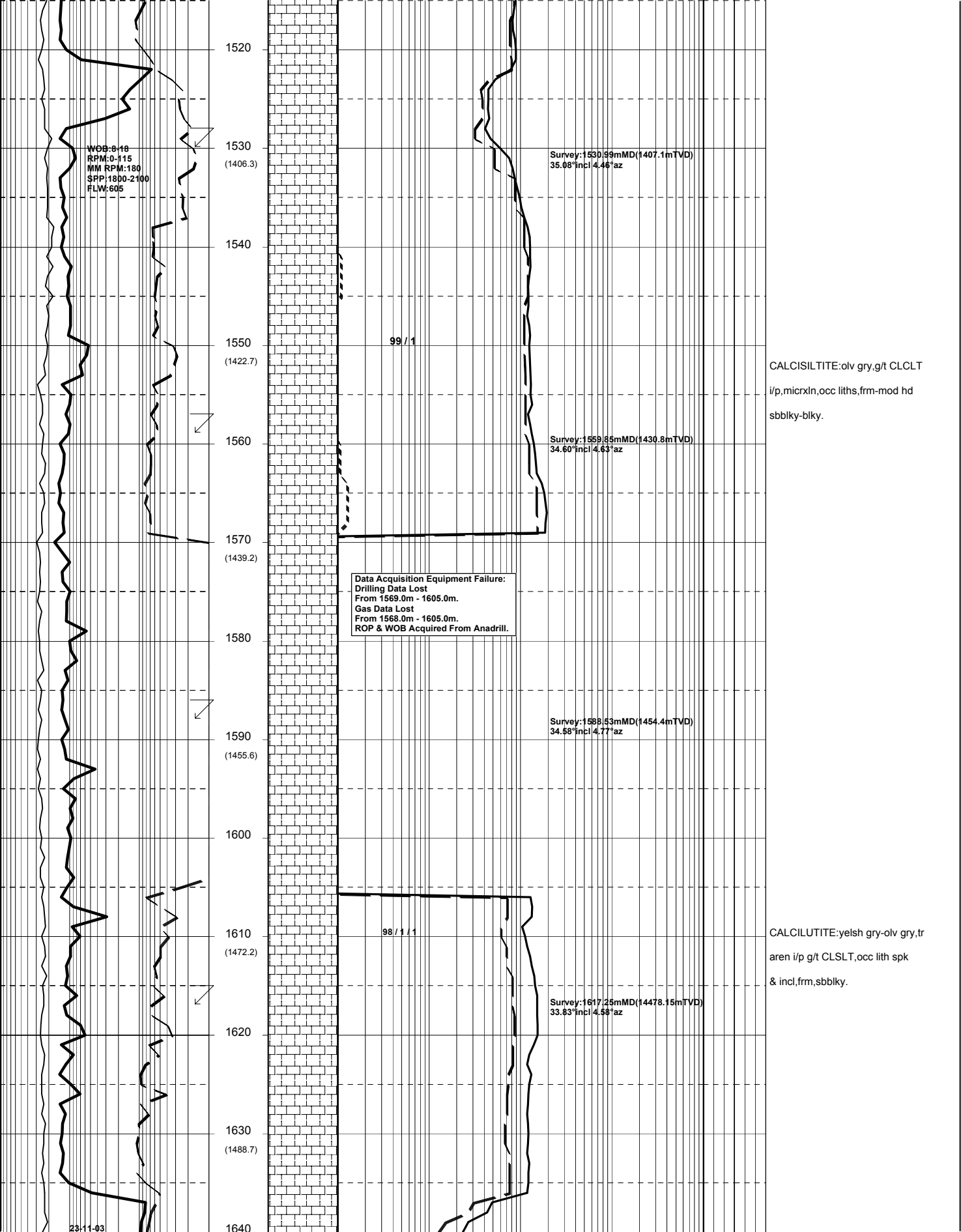
WOB:8-18  
RPM:0.115  
MM RPM:180  
SPP:1800-2100  
FLW:610

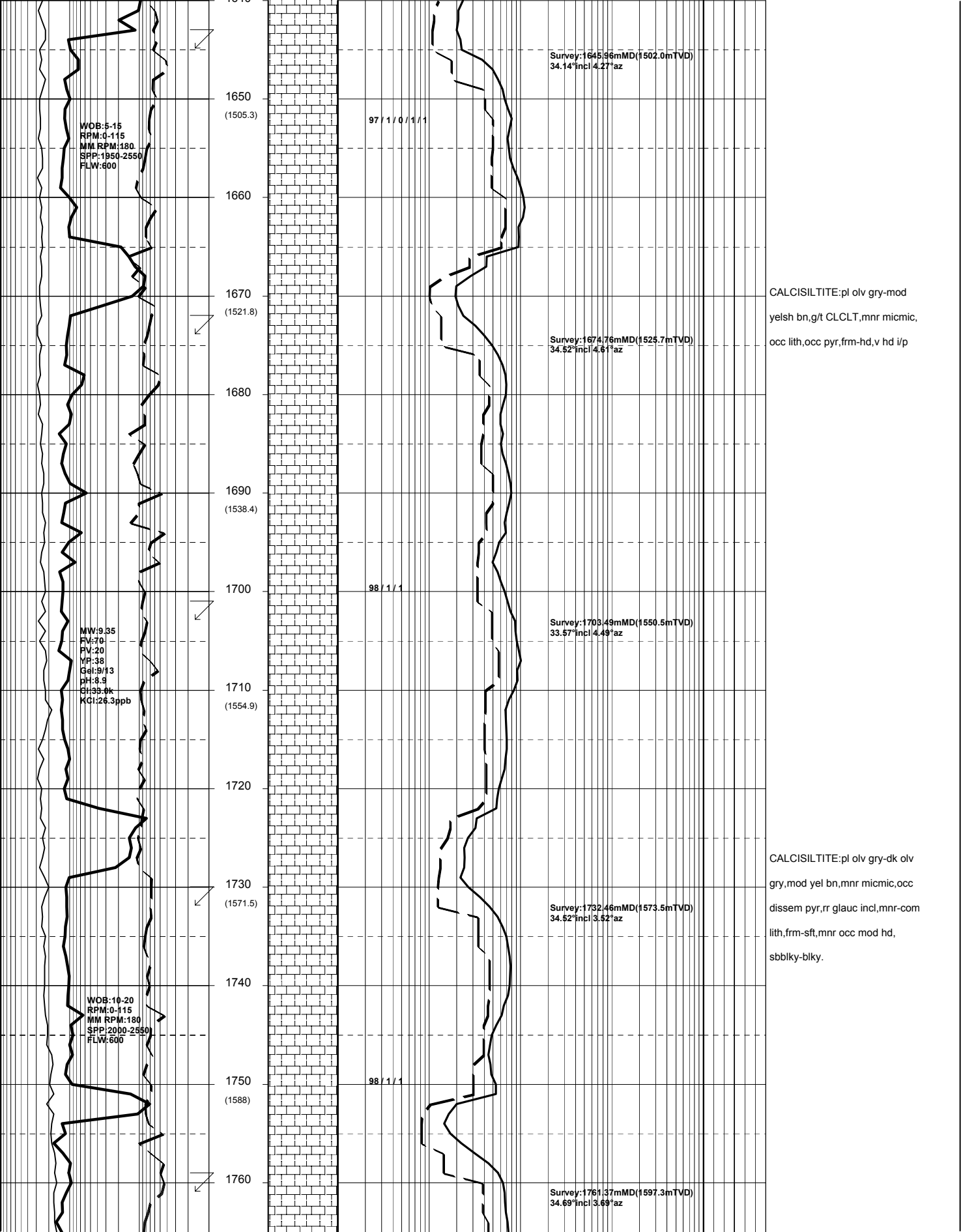
MW:9.4  
FV:72  
RY:21  
VP:37  
Gel:3/13  
pH:9.0  
Cl:34.0k  
KCl:26.4ppb

WOB:8-18  
RPM:0-115  
MM RPM:180  
SPP:1800-210  
FLW:610

MIW:9.4  
FV:72  
RV:21  
VP:37  
Gel: 9/13  
pH:9.0  
Cl:34.0k  
KCl:26.4ppb







1770  
(1604.5)

1780

1790  
(1621)

1800

1810  
(1637.5)

1820

1830  
(1654)

1840

1850  
(1670.4)

1860

1870  
(1687)

1880

1890

CALCISILTITE:lt olv gry-occ pl  
yel bn,arg,aren i/p,loc micmic,  
tr glauc,tr carb & lith spk,occ  
tr dissem pyr,sft-frm,occ mod  
hd-hd,sbblky-blky.

Survey:1789.70mMD(1620.7mTVD)  
33.96°incl 3.89°az

98 / 2

Survey:1818.25mMD(1644.3mTVD)  
35.03°incl 5.25°az

CALCISILTITE:lt olv gry,occ pl  
yel bn,arg,aren i/p,loc micmic,  
occ tr dissem pyr,tr lith & carb  
occ tr glauc,frm-sft,occ mod hd-  
hd,sbblky-blky.

Survey:1847.12mMD(1668.1mTVD)  
34.04°incl 4.99°az

96 / 1 / 1 / 1 / 1

MW:9.35  
FV:64  
PV:19  
YP:37  
Gel:8/12  
pH:8.9  
Cl:35.5K  
KCl:25.5ppb

WOB:10.20  
RPM:0.115  
MM RPM:130  
SPP:2000-2550  
FLW:600

Survey:1875.60mMD(1691.8mTVD)  
33.93°incl 4.54°az

