



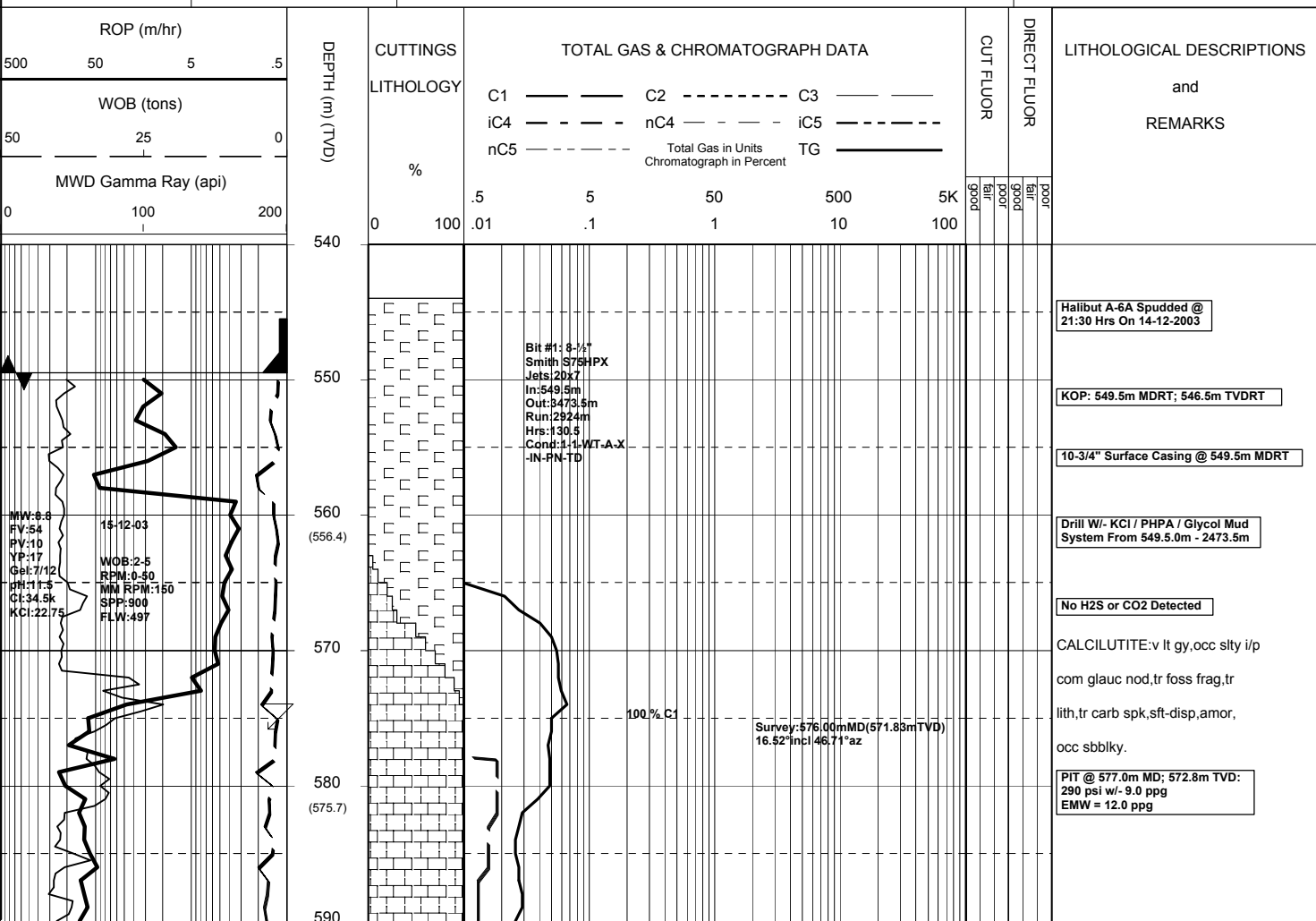
MASTERLOG

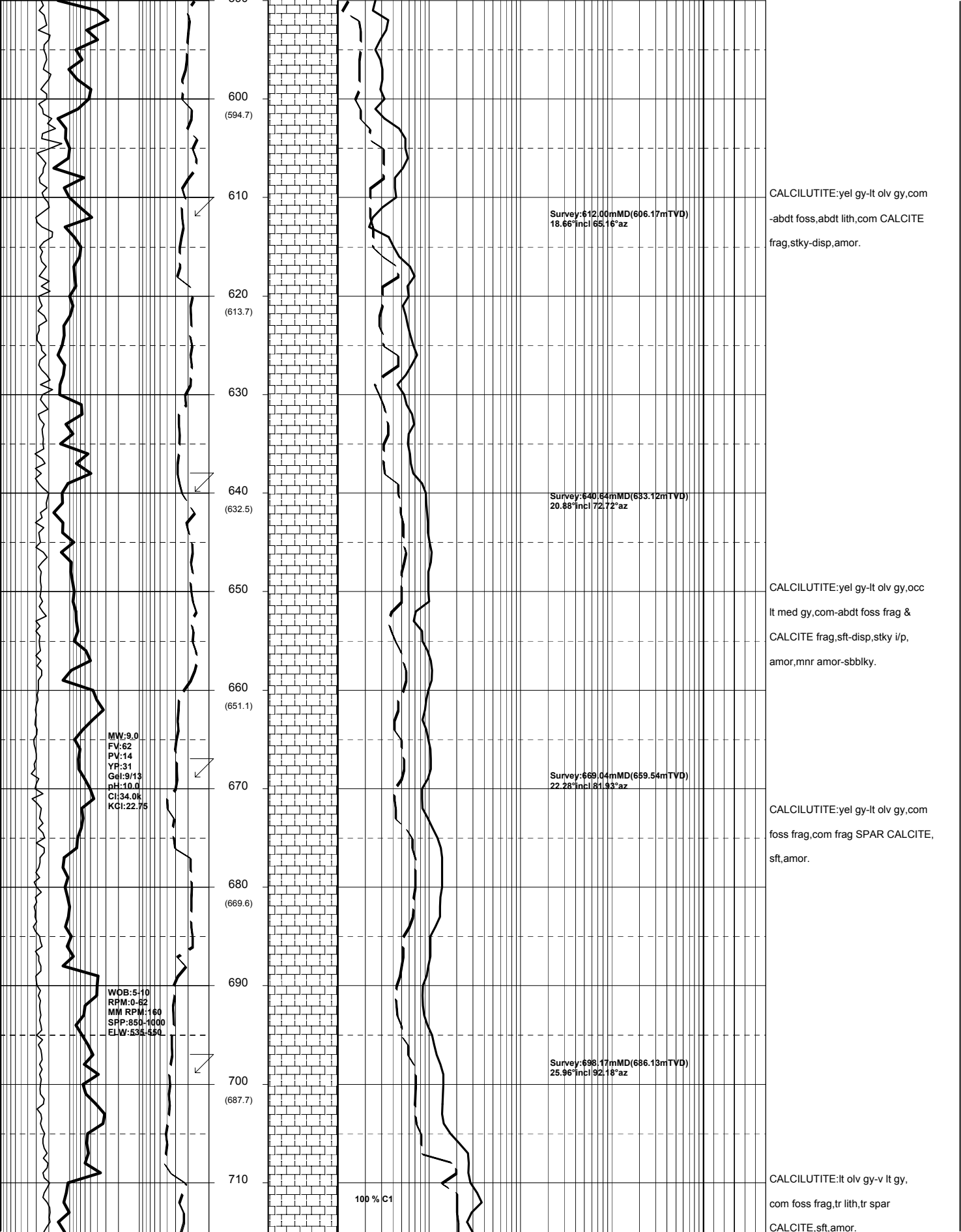
Halibut A-6A

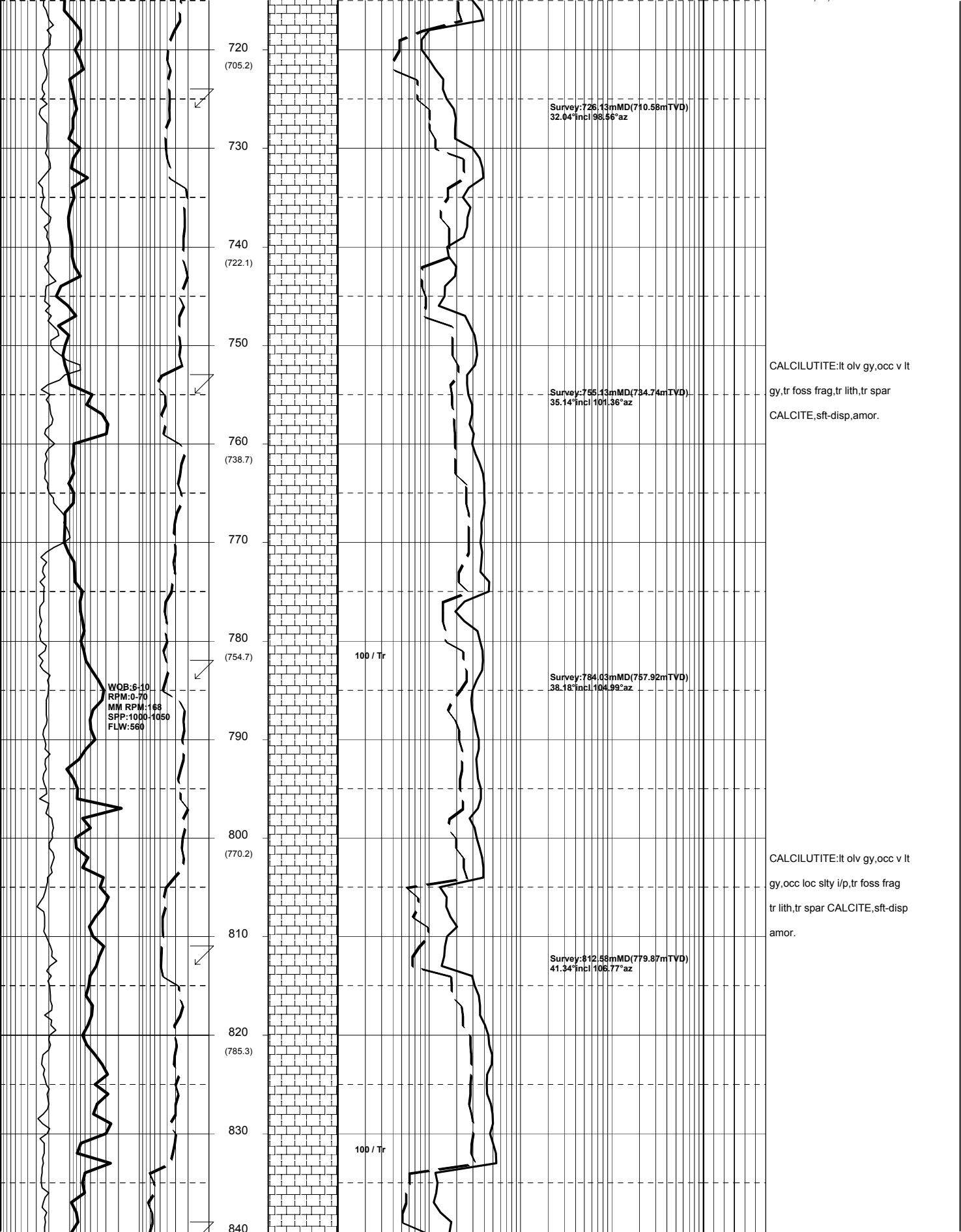


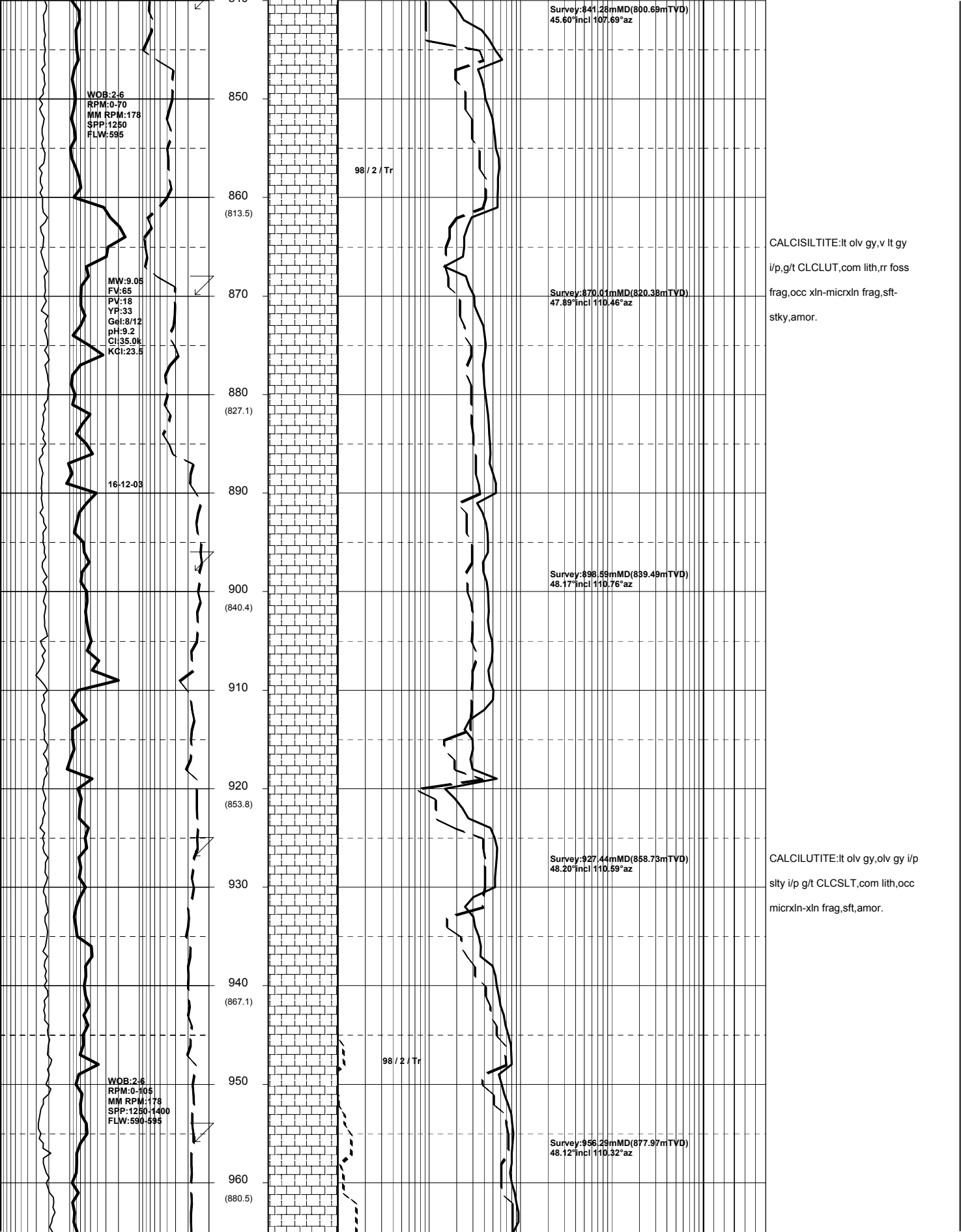
GENERAL	POSITION	HOLE / CASING INFO	DATE / DEPTH	ENGINEERS
Country : Australia	Local Co-ord X : 148° 19' 12.515" E	8-1/2" Hole to 3473.5 m	Spud Date : 14-12-2003	Rohan Pereira
Permit : VIC L11	Local Co-ord Y : 38° 24' 14.919" S		Total Depth Date : 24-12-2003	Phil Rady
Field : Halibut	AMG Co-ord X : 615 270.615 mE	20" Conductor Shoe @ 178.0 m	Total Depth : 3473.5 m	Mark Smith
Basin : Gippsland	AMG Co-ord Y : 5748 517.760 mN	10-3/4" Surface Casing @ 549.5 m	True Vertical Depth : 2456.7 m	Matt Boyd
Well Type : Development	RT to MSL : 29.45 m	7.0" Production Liner @ 3466.45 m	Log Scale : 1/ 500	
Rig Name : Nabors 453	RT to Sea Bed : 102.45m		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 WIRELINE LOGS LINER HANGER MDT POINTS: BIT CHANGE PRESSURE ONLY DEVI. SURVEY SAMPLE SWC UNRECOV SEAL FAILURE SIDEWALL CORE TIGHT CORE









WOB:2-6
RPM:0-70
MM RPM:178
SPP:1250
FLW:595

MW:9.05
FV:65
PV:18
YP:33
Gel:8/12
pH:9.2
Cl:35.0k
KCl:23.5

16-12-03

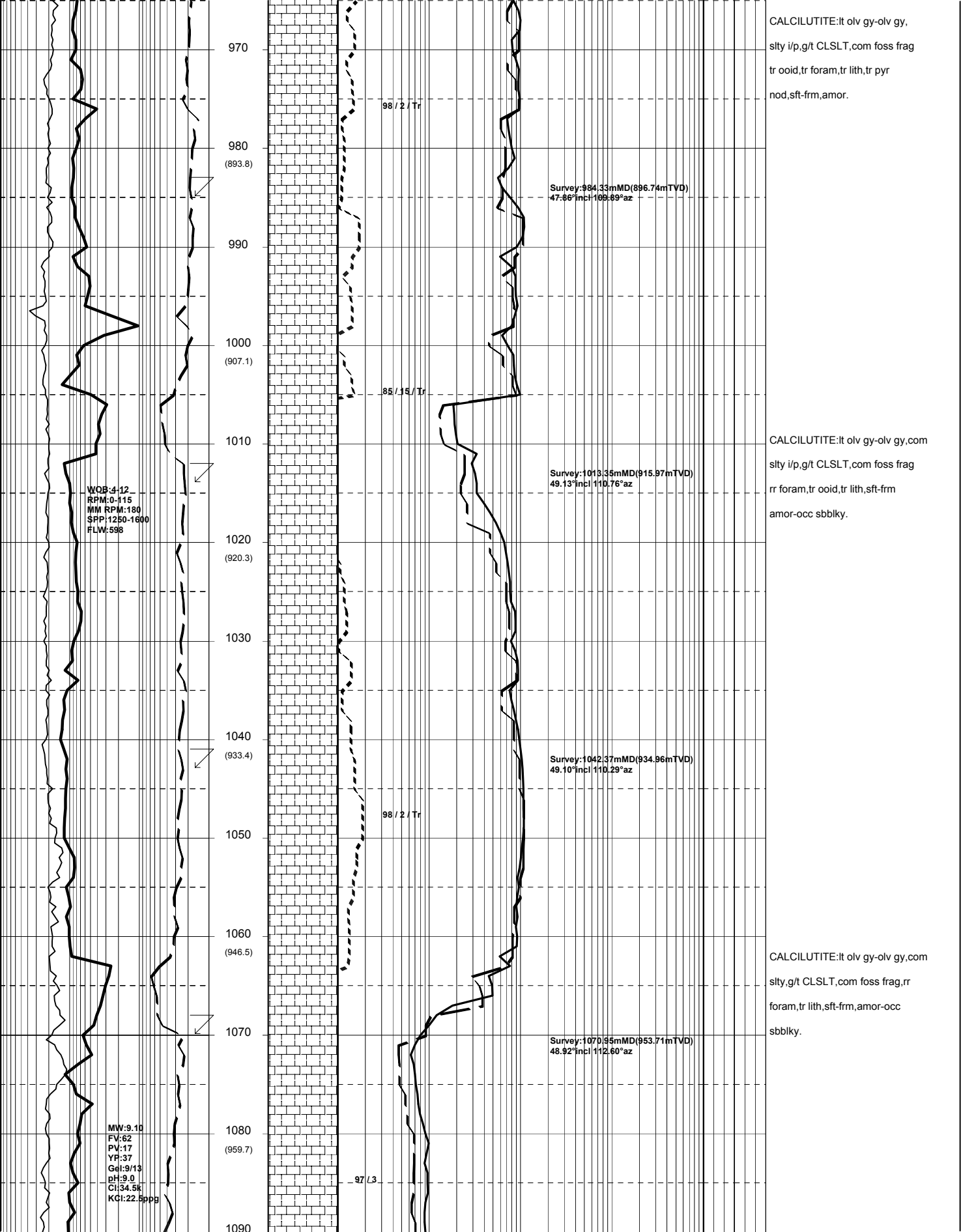
WOB:2-6
RPM:0-105
MM RPM:178
SPP:1250-1400
FLW:590-595

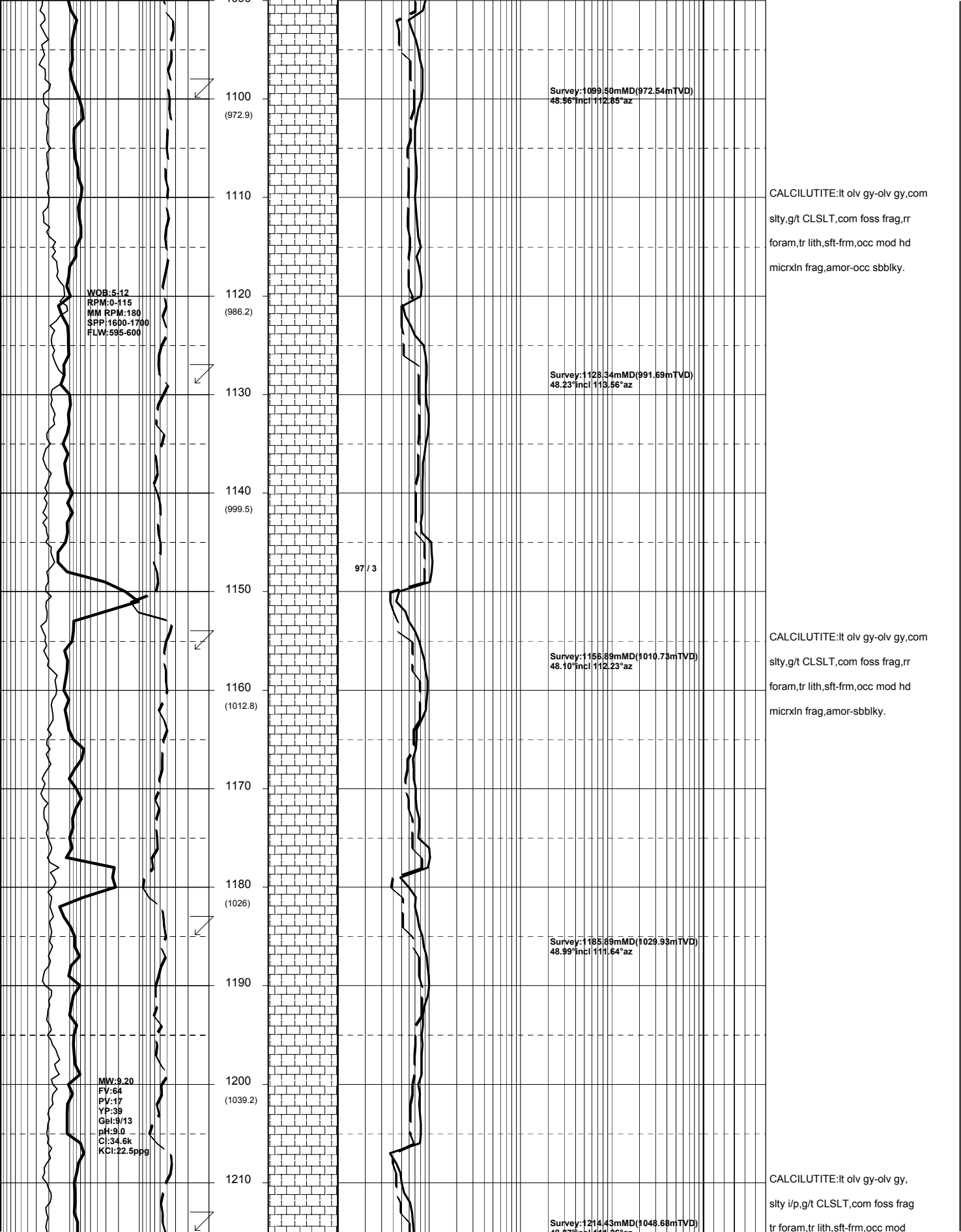
98 / 2 / Tr

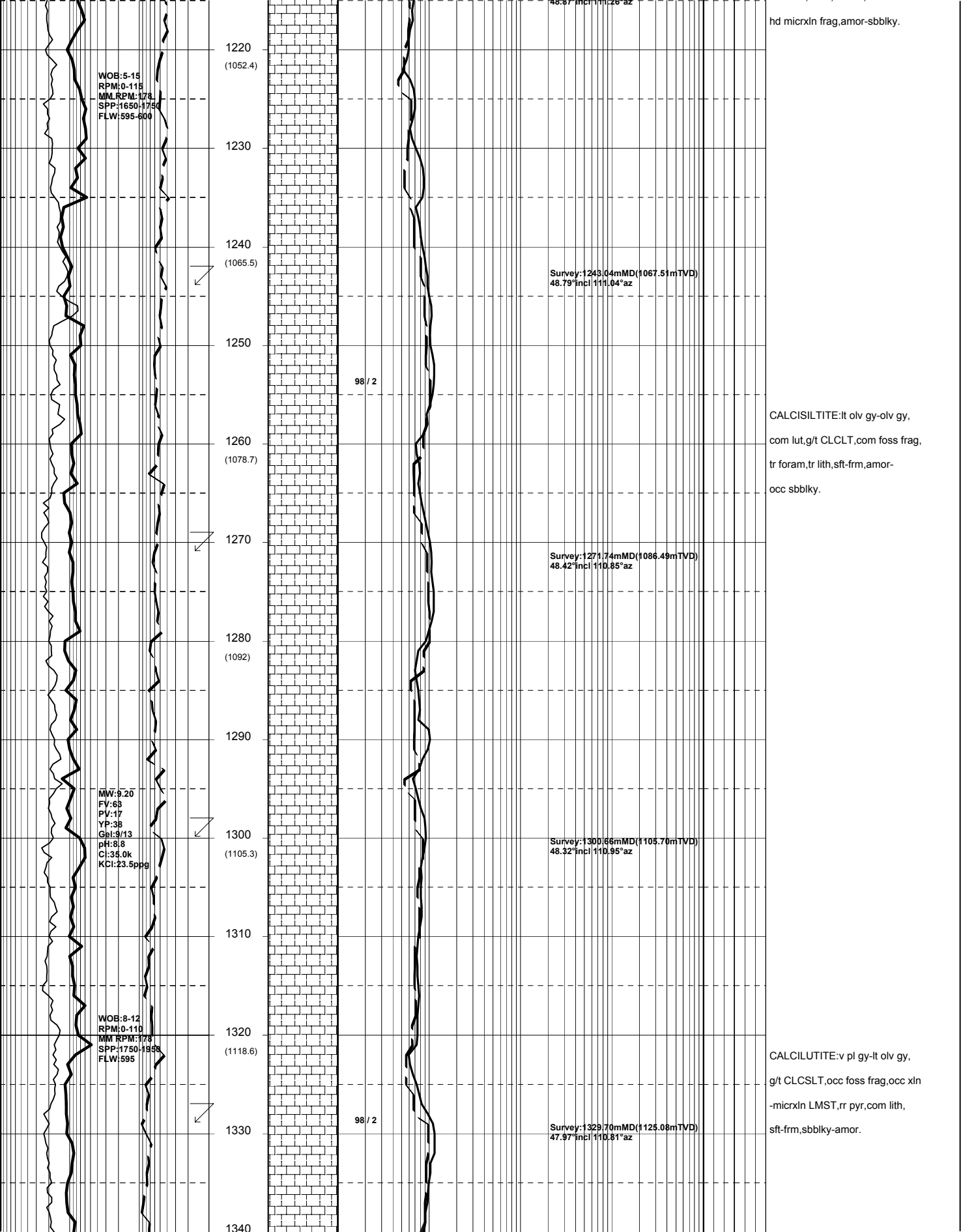
98 / 2 / Tr

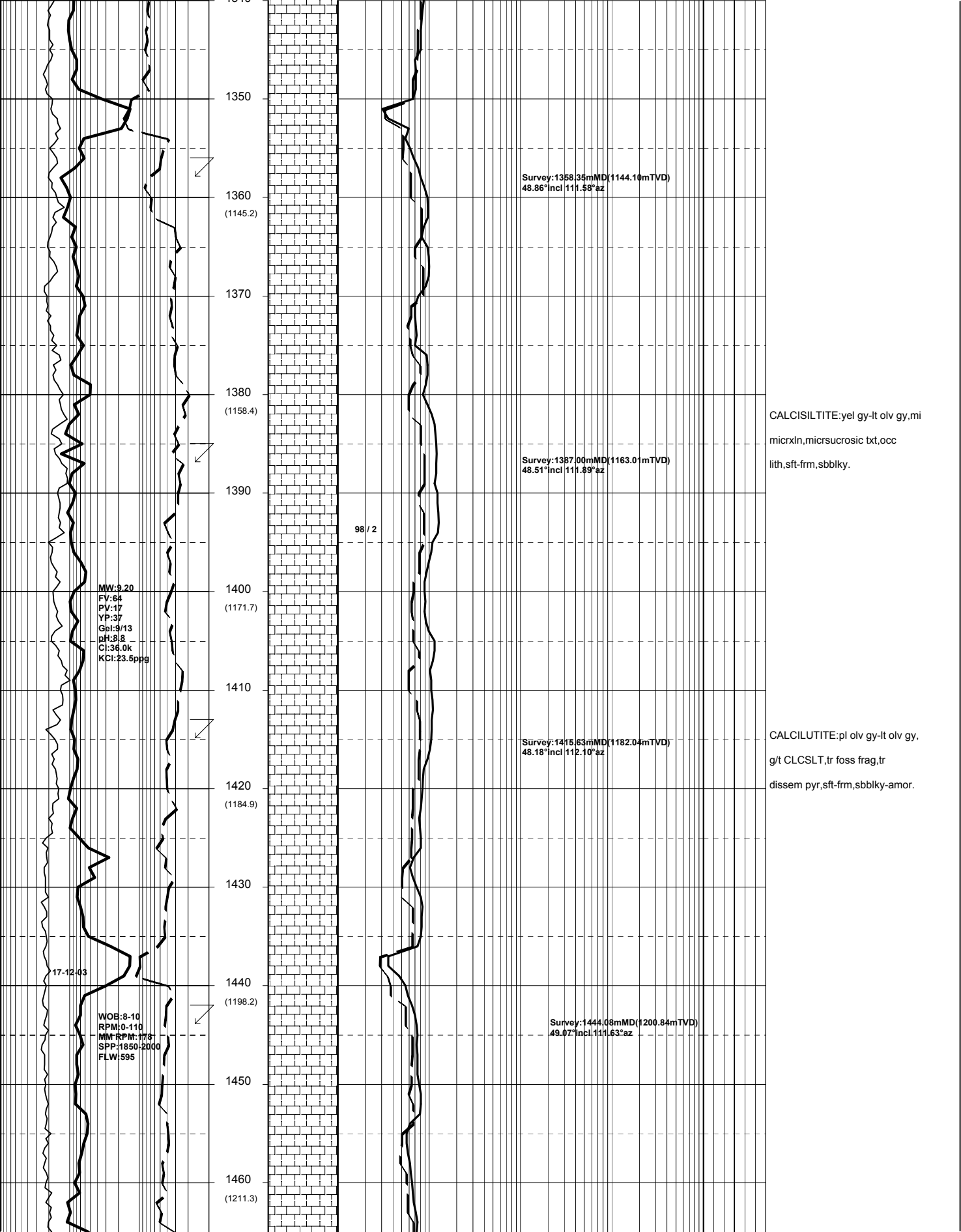
CALCISILTITE:lt olv gy,v lt gy
i/p,g/t CLCLUT,com lith,rr foss
frag,occ xln-micrxln frag,sft-
stky,amor.

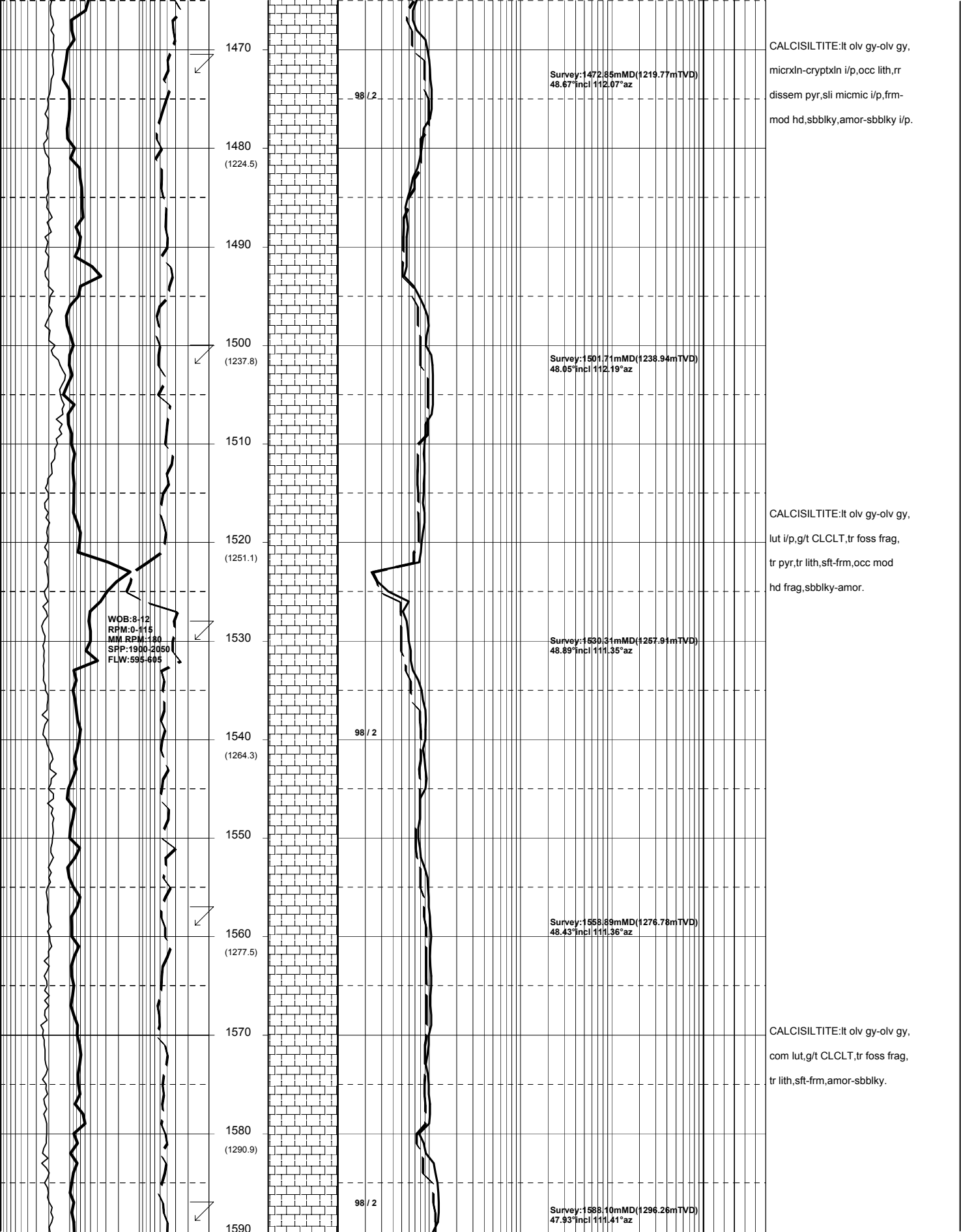
CALCILUTITE:lt olv gy,olv gy i/p
silty i/p g/t CLCSLT,com lith,occ
micrxln-xln frag,sft,amor.

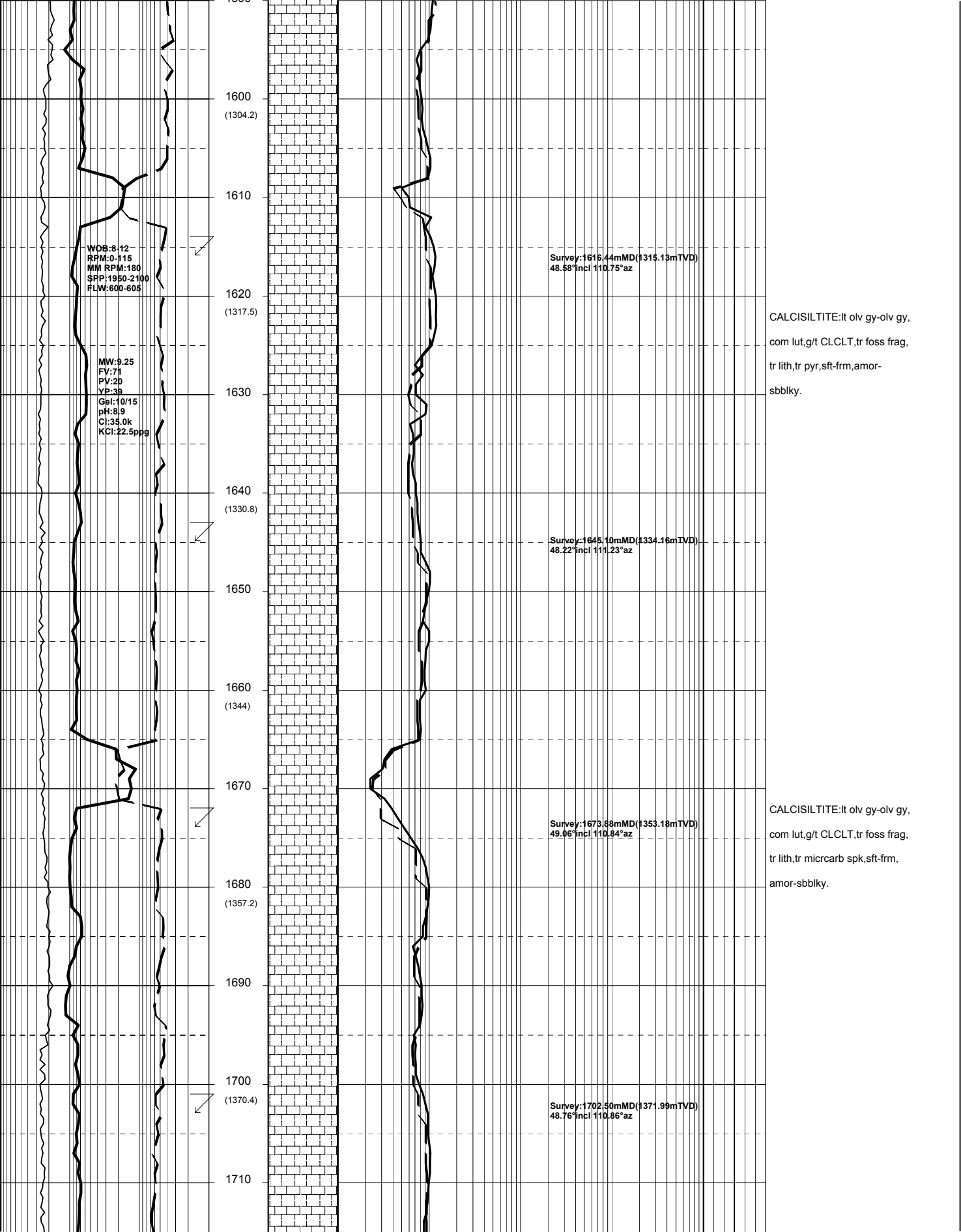












1720
(1383.5)

WOB:8-12
RPM:0-115
MM RPM:180
SPP:1950-2150
FLW:600-605

1730

98 / 2

Survey:1731.12mMD(1390.85mTVD)
48.75°incl 110.52°az

1740
(1396.7)

1750

1760
(1409.9)

Survey:1759.78mMD(1409.79mTVD)
48.56°incl 110.62°az

1770

1780
(1423.2)

1790

Survey:1788.84mMD(1429.11mTVD)
48.08°incl 110.63°az

98 / 2

1800
(1436.5)

1810

CALCILUTITE:v lt gy,com-occ xln
LMST,rr disseminated glauc,occ lith,
frm-sft,amor-sbbly.

WOB:8-12
RPM:0-110
MM RPM:180
SPP:2050-2250
FLW:600-605

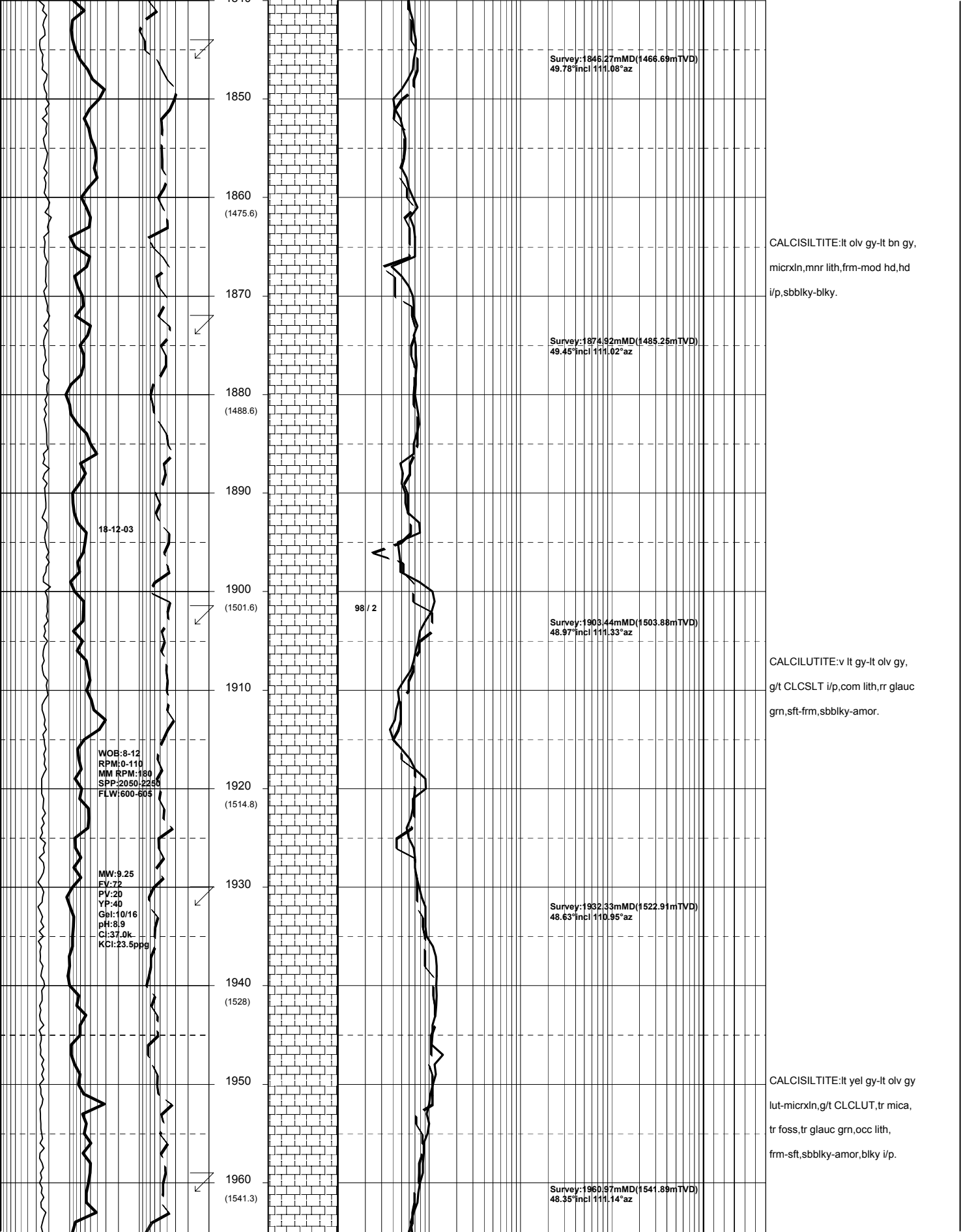
1820
(1449.7)

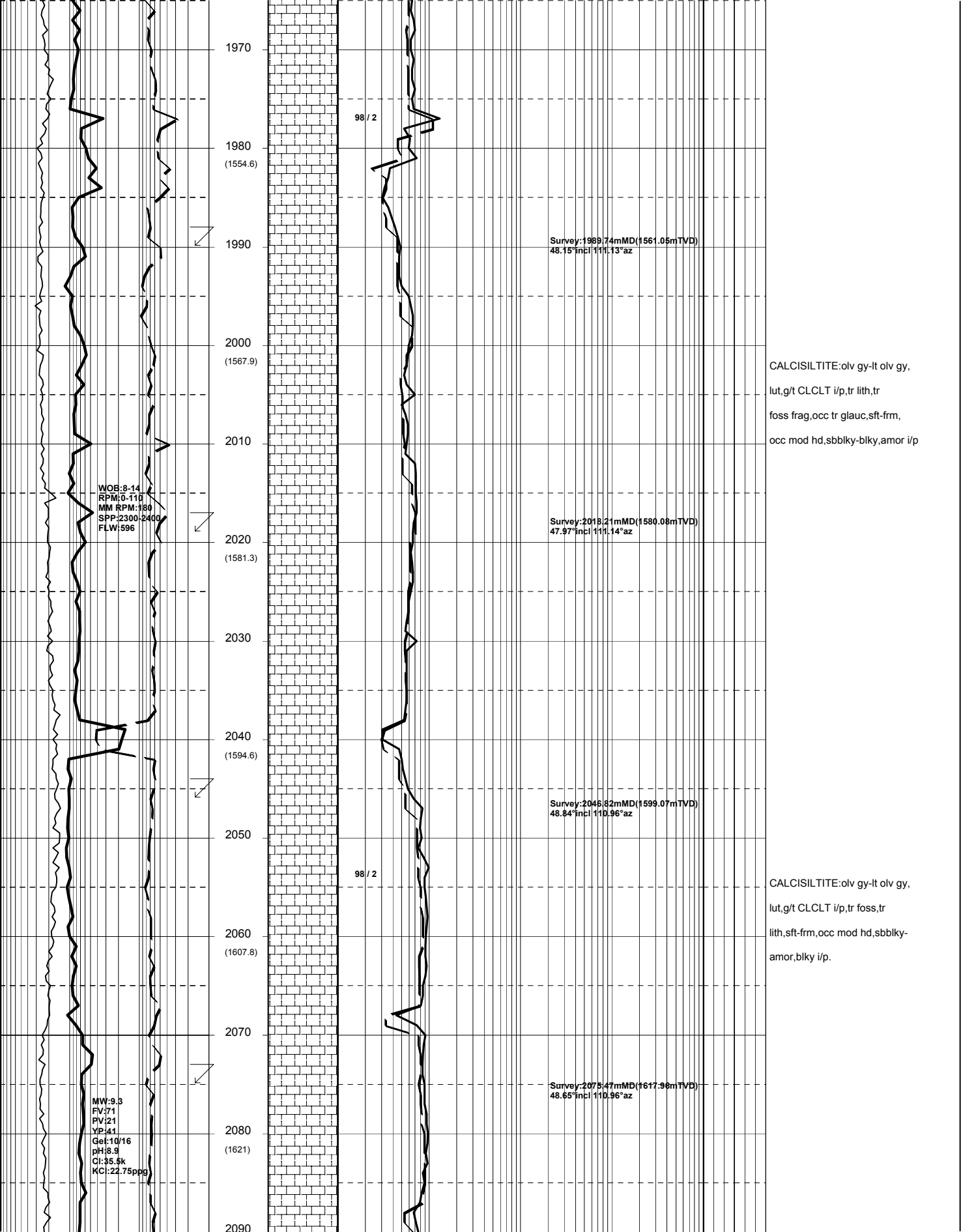
Survey:1817.48mMD(1448.01mTVD)
49.33°incl 110.10°az

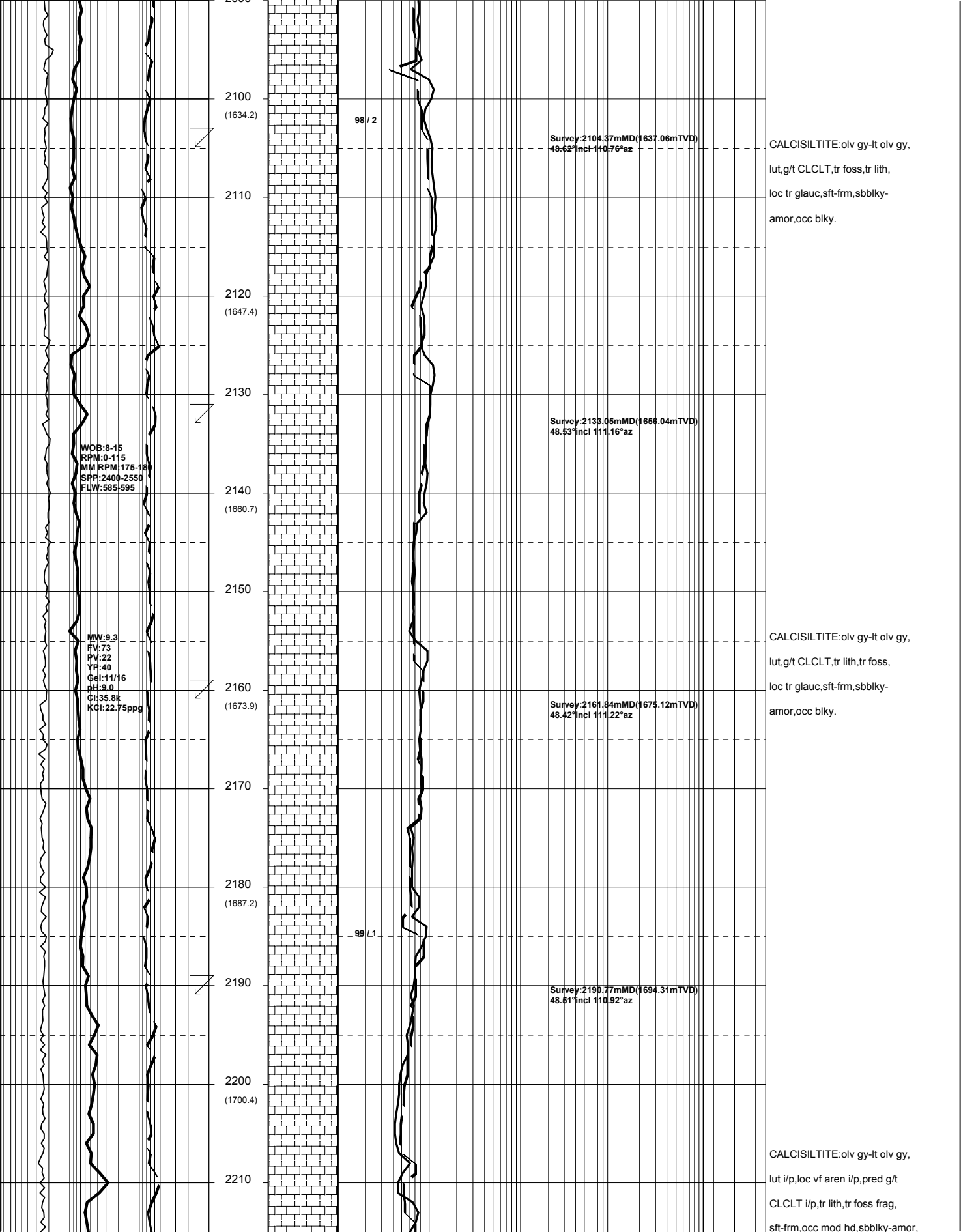
1830

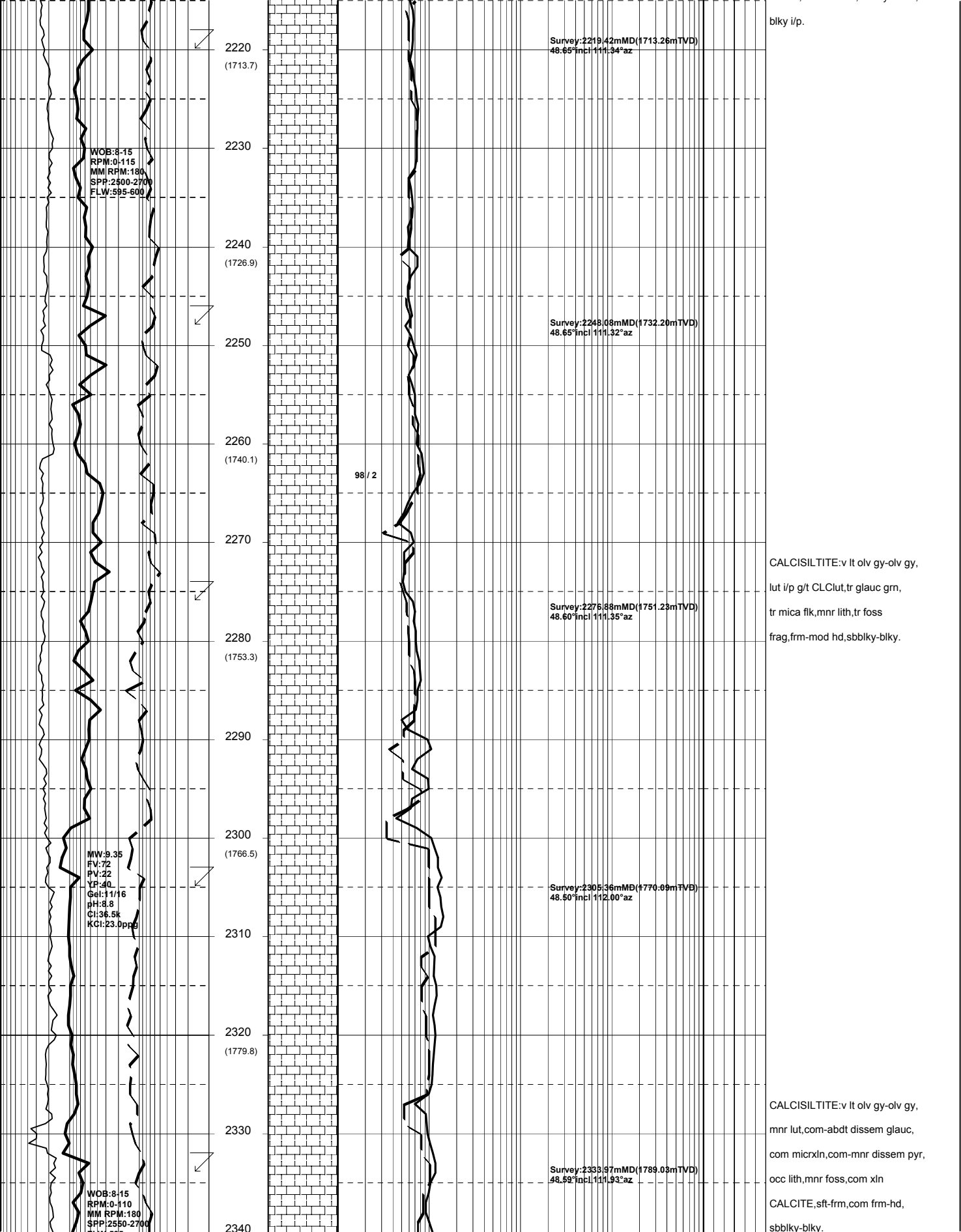
MW:9.25
EV:71
PV:20
YF:41
Gel:10/15
pH:8.8
Cl:36.0K
KCl:23.0ppg

1840





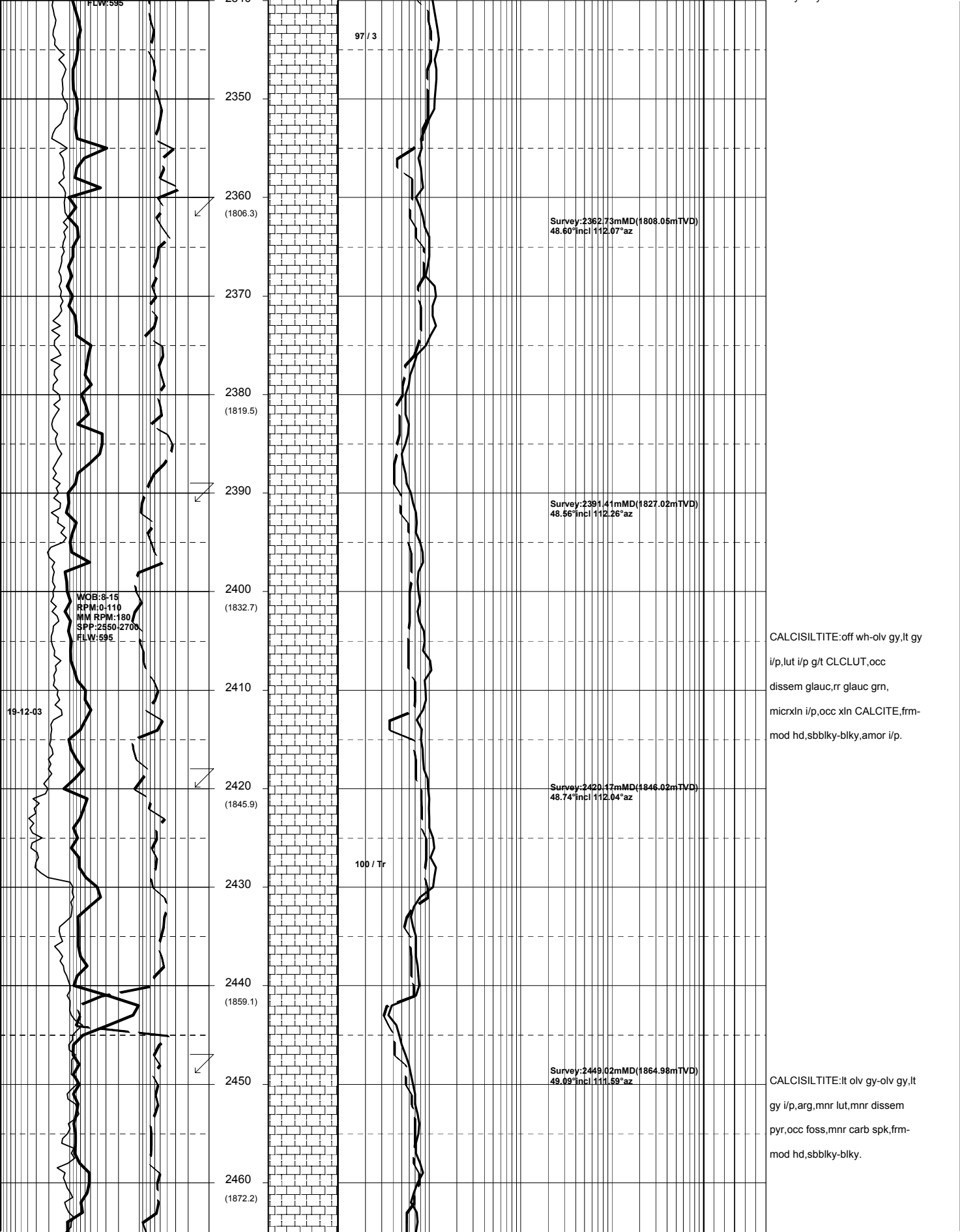


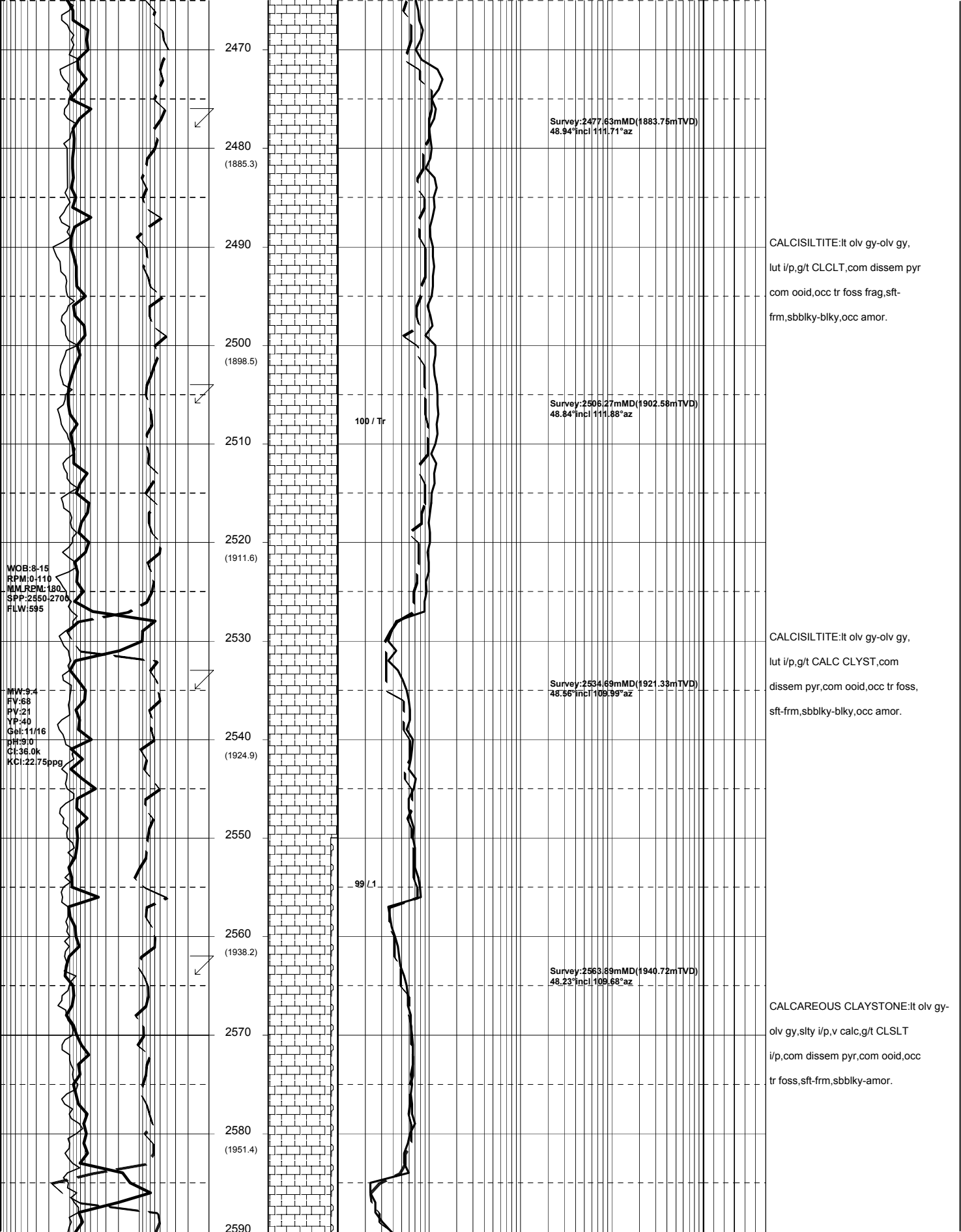


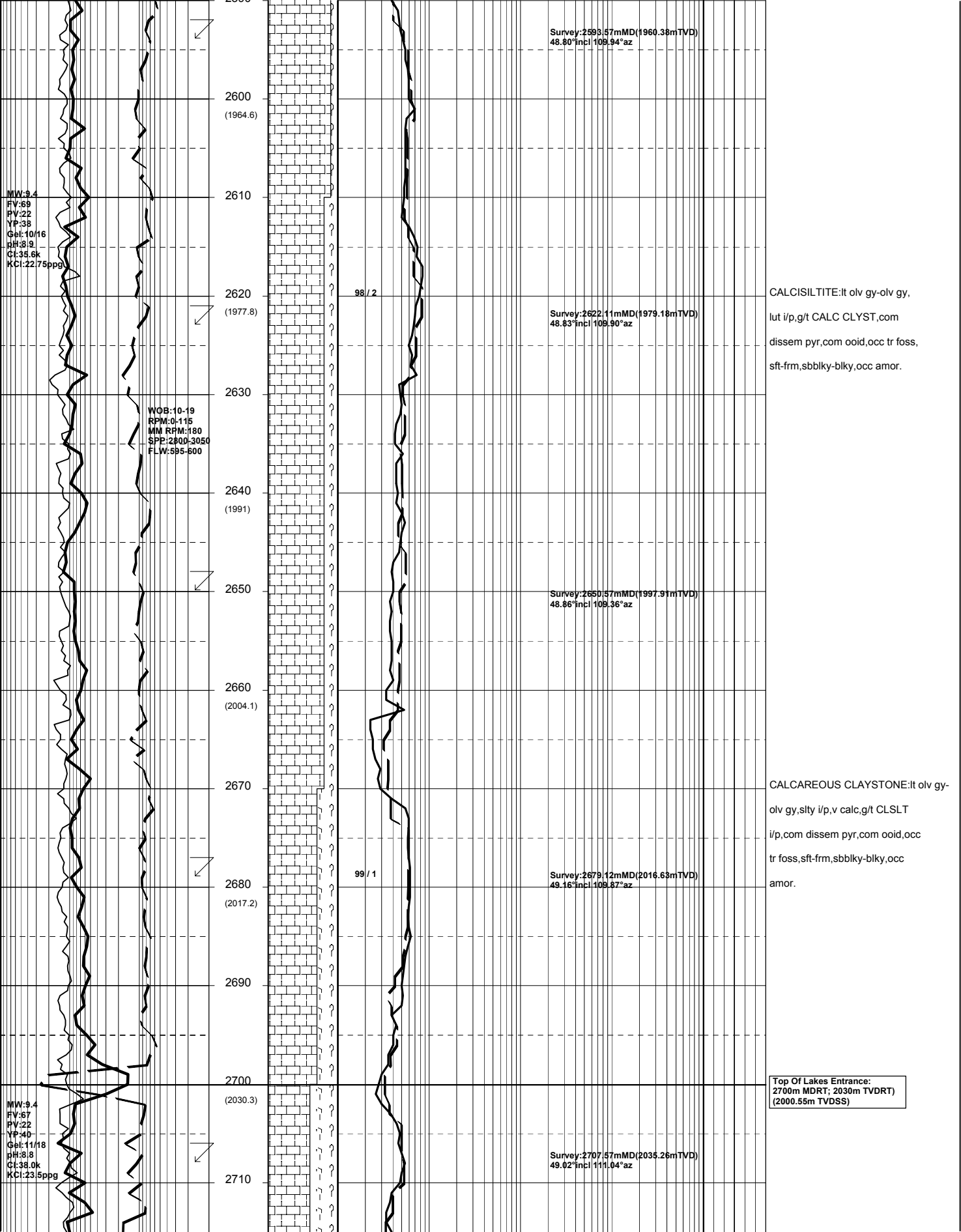
WOB: 8-15
RPM: 0-115
MM RPM: 180
SPP: 2500-2700
FLW: 595-600

MW: 9.35
FV: 72
PV: 22
YP: 40
Gel: 11/16
pH: 8.8
Cl: 36.5k
KCl: 23.0ppg

WOB: 8-15
RPM: 0-110
MM RPM: 180
SPP: 2550-2700







Survey:2593.57mMD(1960.38mTVD)
48.80°incl 109.94°az

98 / 2

CALCISILTITE:lt olv gy-olv gy,
lut i/p,g/t CALC CLYST,com
dissem pyr,com ooid,occ tr foss,
sft-frm,sbblky-blky,occ amor.

Survey:2622.11mMD(1979.18mTVD)
48.83°incl 109.90°az

WOB:10-19
RPM:0-115
MIN RPM:180
SPP:2800-3050
FLW:595-600

Survey:2650.57mMD(1997.91mTVD)
48.86°incl 109.36°az

CALCAREOUS CLAYSTONE:lt olv gy-
olv gy,slty i/p,v calc,g/t CLSLT
i/p,com dissem pyr,com ooid,occ
tr foss,sft-frm,sbblky-blky,occ
amor.

99 / 1

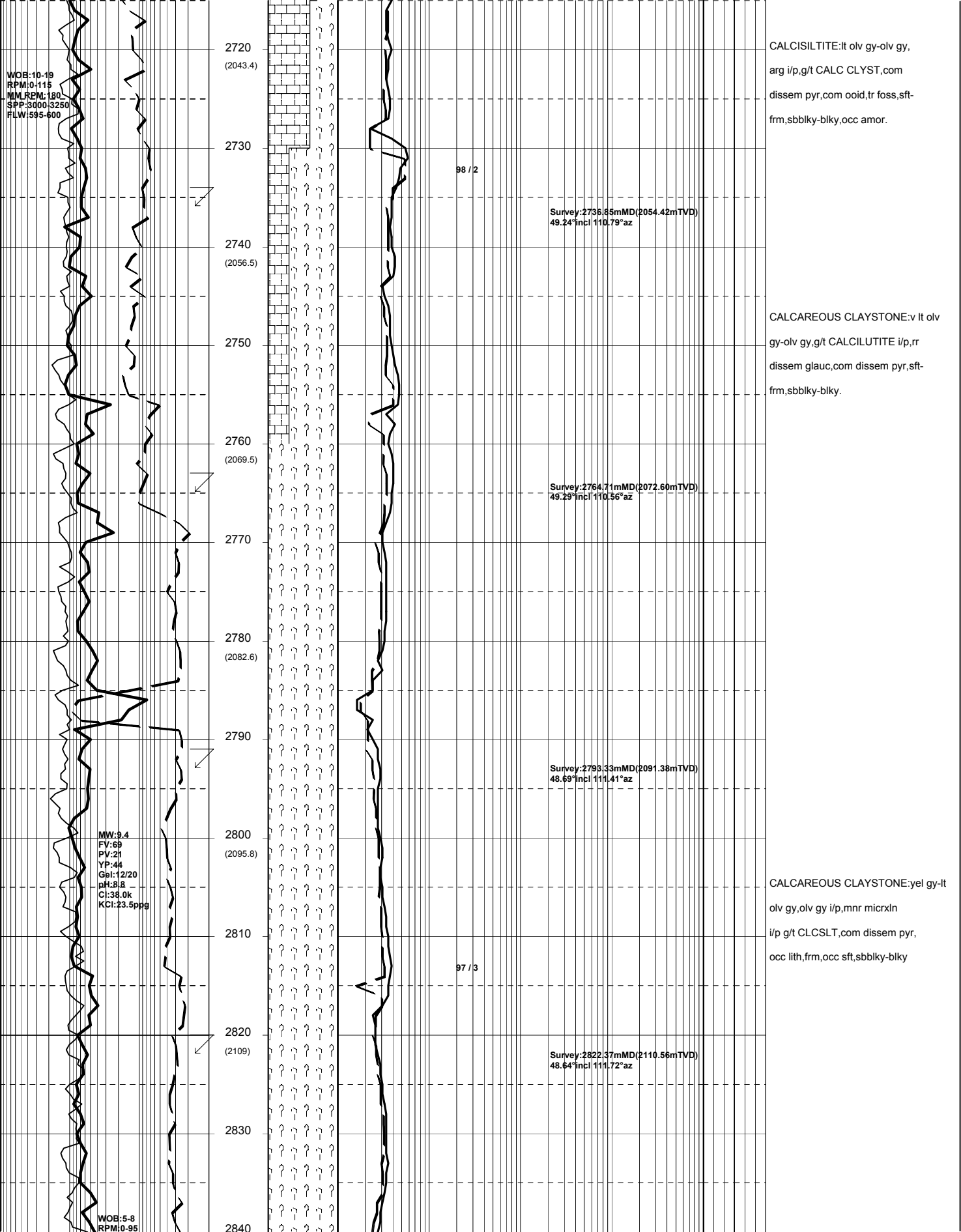
Survey:2679.12mMD(2016.63mTVD)
49.16°incl 109.87°az

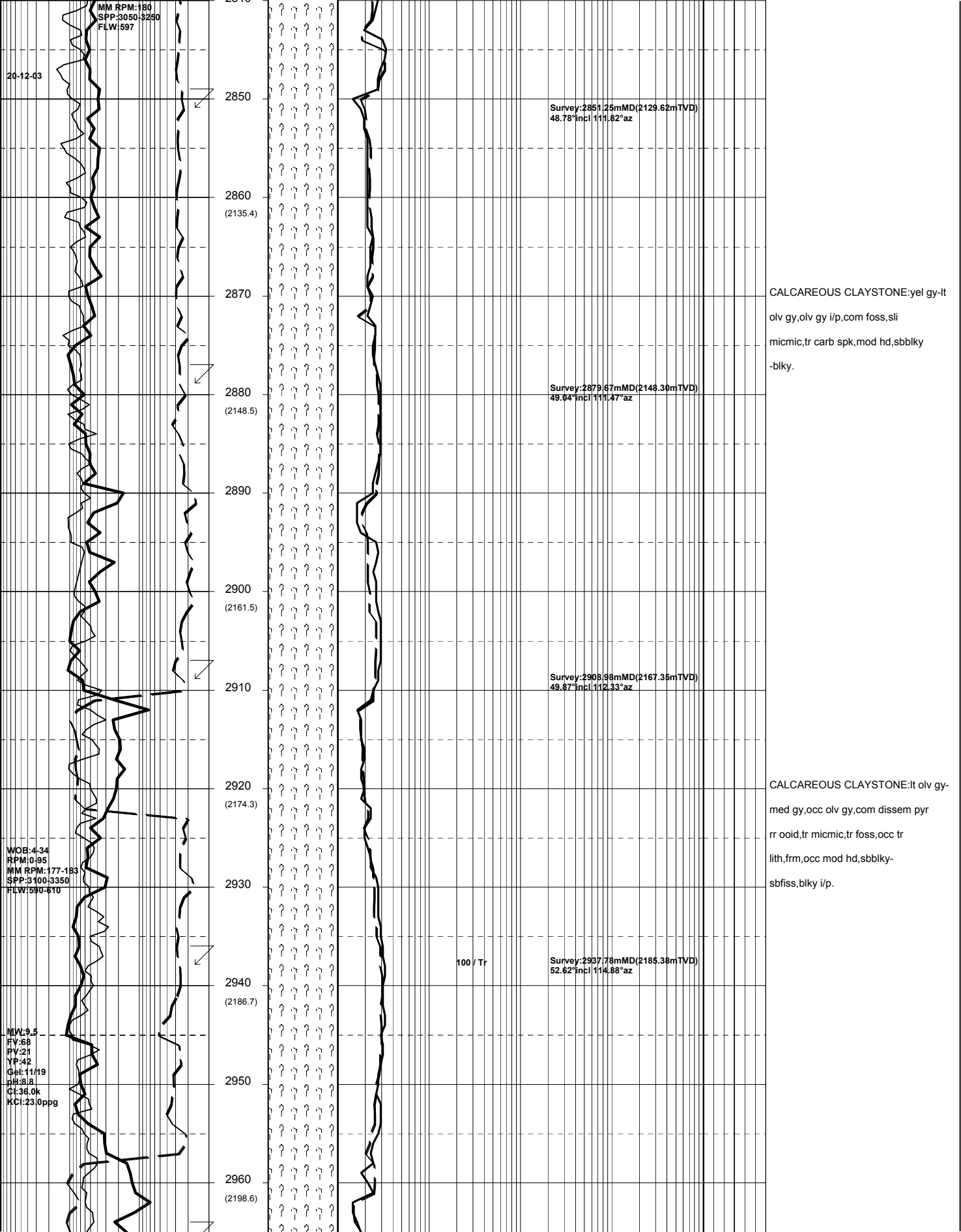
Top Of Lakes Entrance:
2700m MDRT; 2030m TVDRT
(2000.55m TVDSS)

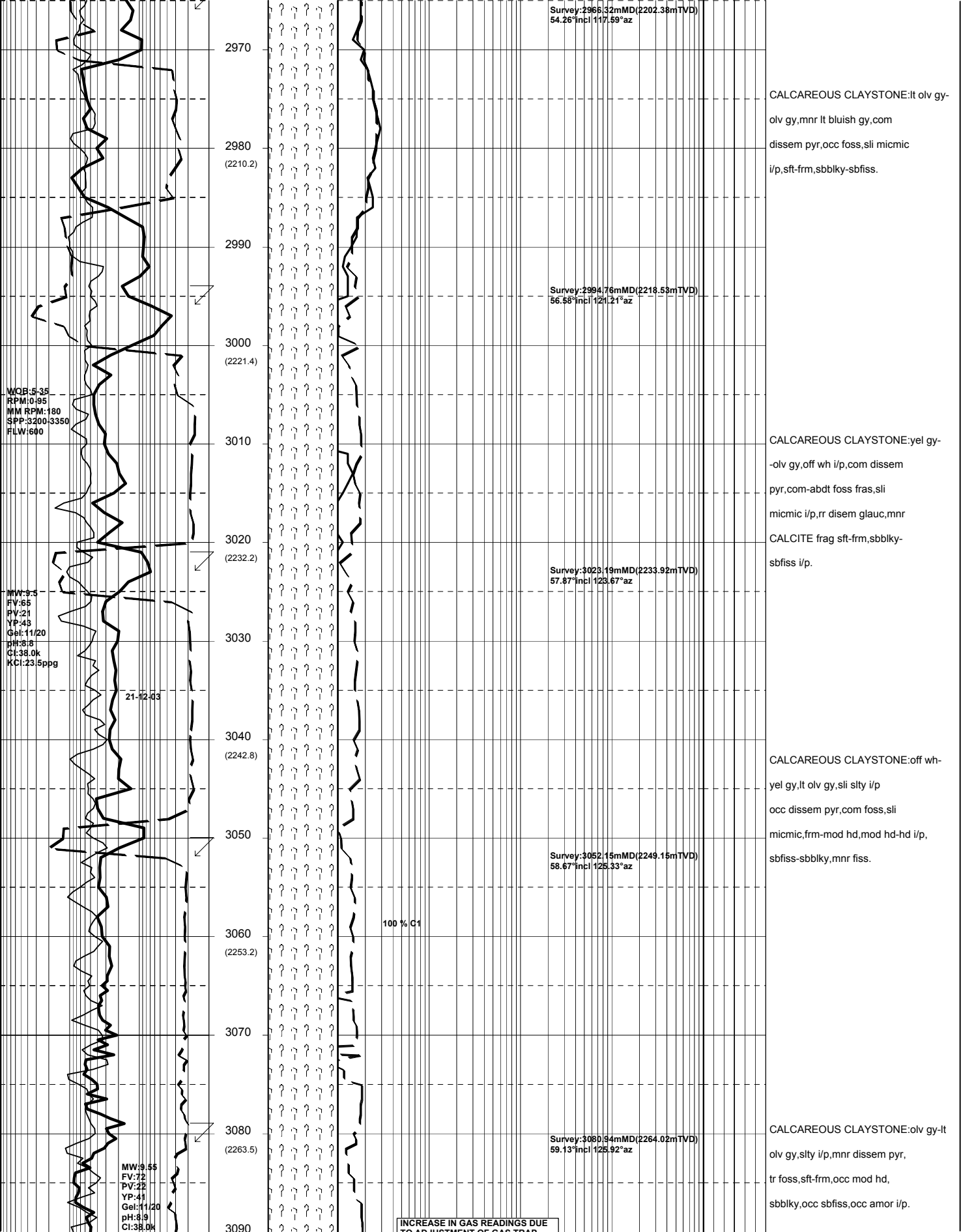
Survey:2707.57mMD(2035.26mTVD)
49.02°incl 111.04°az

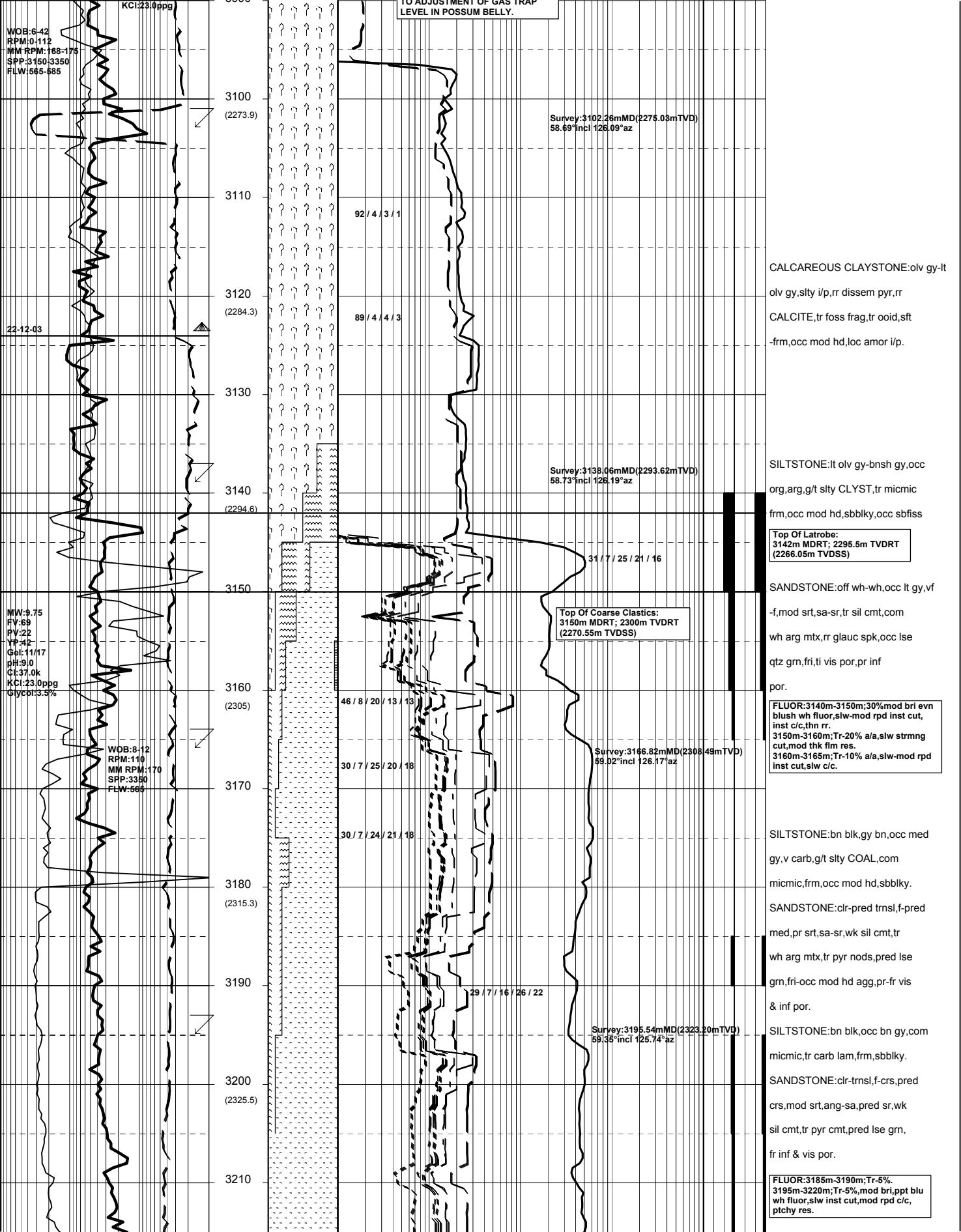
MW:9.4
FV:69
PV:22
YP:38
Gel:10/16
pH:8.9
Cl:35.6k
KCl:22.75ppg

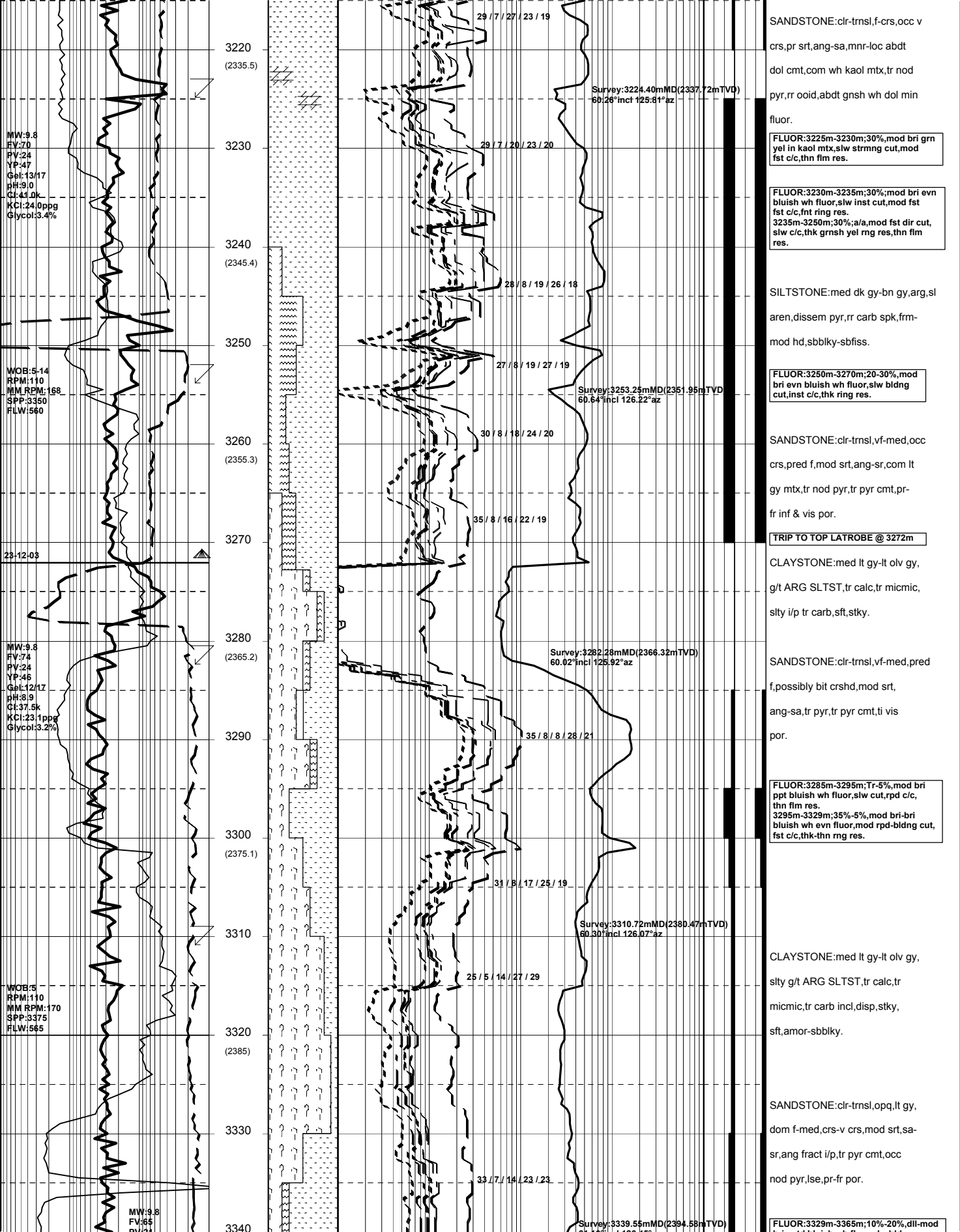
MW:9.4
FV:67
PV:22
YP:40
Gel:11/18
pH:8.8
Cl:38.0k
KCl:23.5ppg











SANDSTONE:gen a/a,tr pyr cmt &
nod,gen lse,occ hd agg,pr inf
por,no fluor.

Gel: 11/19
pH: 9.2
Cl: 36.5k
KCl: 23.0ppg
Glycol: 3.3%



3470

7.0" Production Casing @ 3466.45m MDRT

3480

3490

Halibut A-6A Reached Total Depth
@ 3473.5m MDRT (2456.7m TVDRT)
@ 15:30 Hrs On 24-12-2003

Reeves Shuttled Conveyed
Memory Logs
Run #1:
MCG-MDN-MPD-MDL-MSS-MAI