



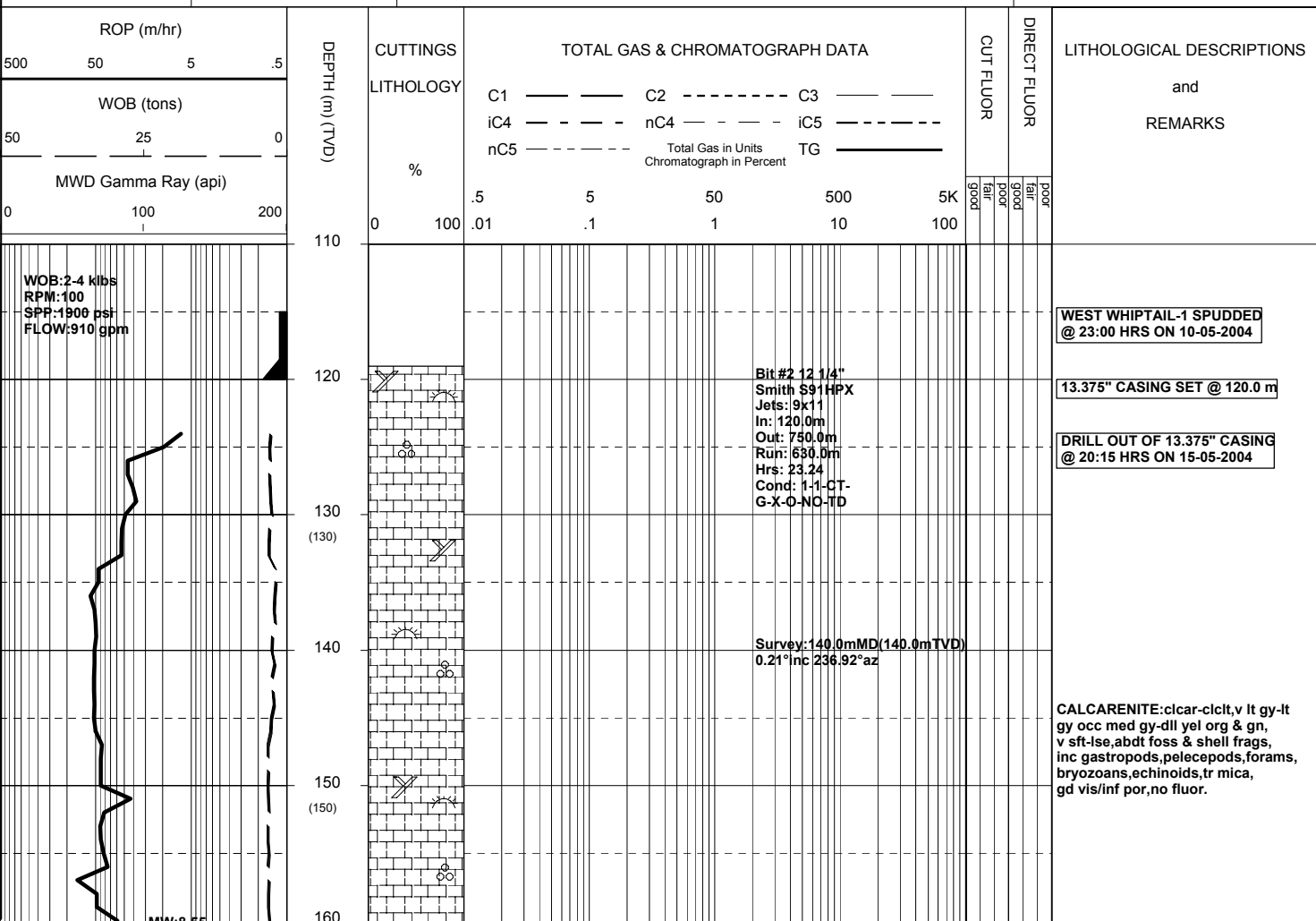
# MASTERLOG

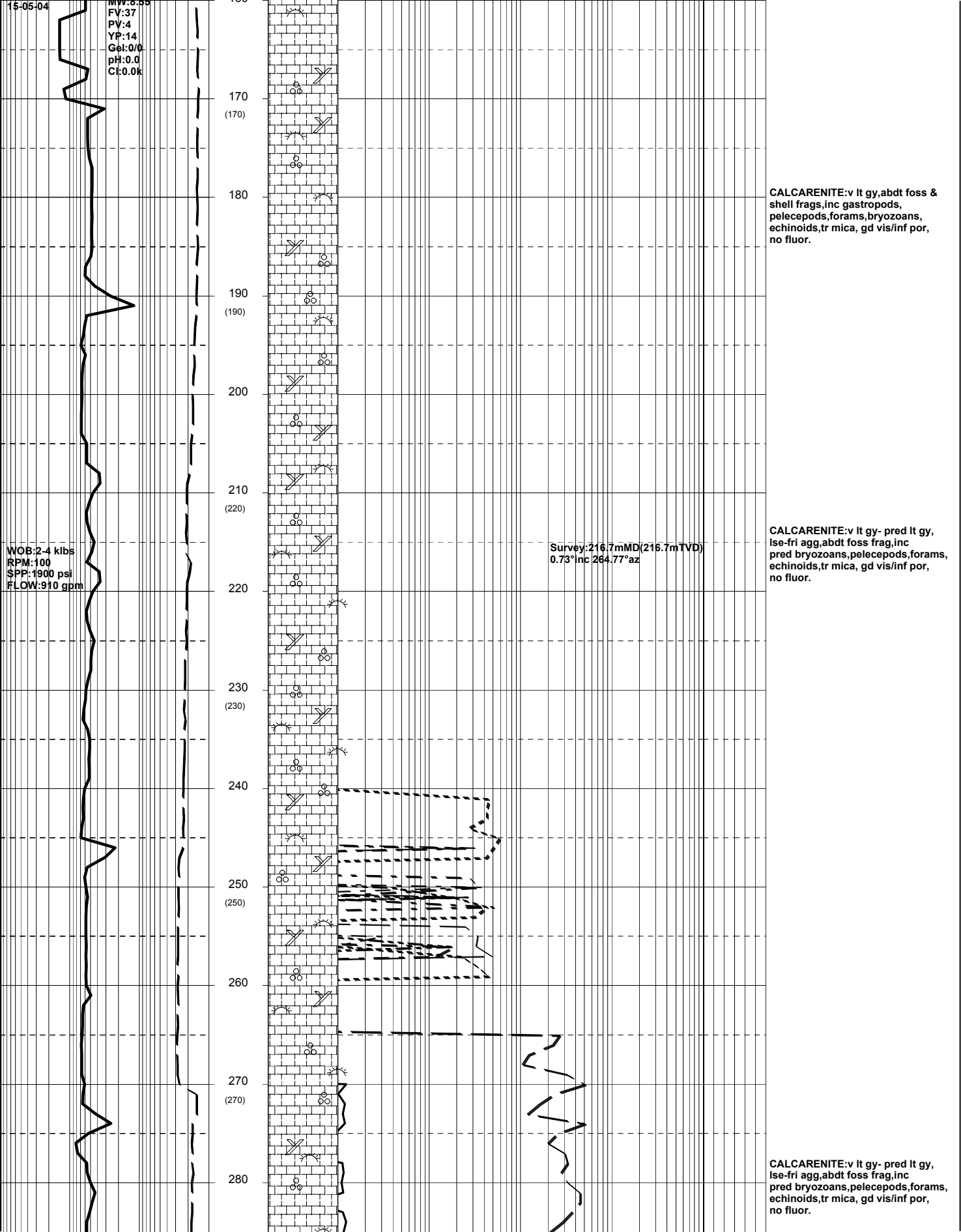
## WEST WHIPTAIL-1

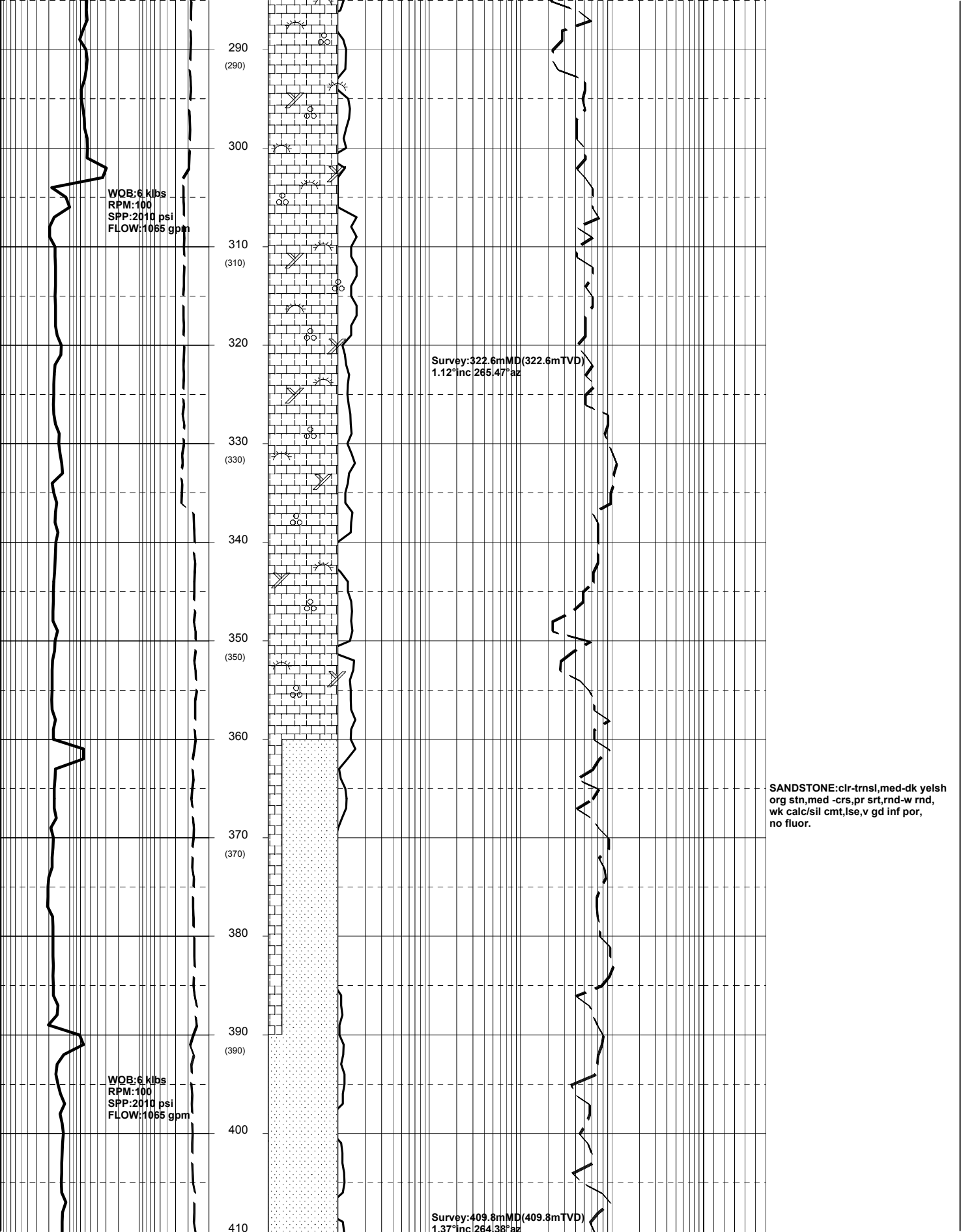


GENERAL	POSITION	HOLE / CASING INFO	DATE / DEPTH	ENGINEERS
Country : Australia	Local Co-ord X : 38° 19' 29.150" S	12-1/4" Hole to 750.0m	Spud Date : 10-05-2004	Phil Rady
Permit : VIC/L1	Local Co-ord Y : 147° 30' 17.167" E	8-1/2" Hole to 1539.0m	Total Depth Date : 20-05-2004	Matt Boyd
Field : Whiptail	AMG Co-ord X : 544,121.32m E		Total Depth : 1539 mRT	Tom Platt
Basin : Gippsland	AMG Co-ord Y : 5,758,030.22m N	13-3/8" Conductor Set @ 120.0m	True Vertical Depth : 1539 mRT	Noel Elliott
Well Type : NR.Field Wildcat	RT to MSL : 39.0m	9-5/8" Casing Set @ 745.0m	Log Scale : 1/ 500	
Rig Name : Ensco 102	RT to Sea Bed : 78.0m		Final Status : Plugged & Abandoned	

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 Inc 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







SANDSTONE:clr-trnsl,med-dk yelsh  
org stn,vf-crs dom f-med,pr srt,md,  
wk calc/sil cmt,lse,v gd inf por,  
no fluor.

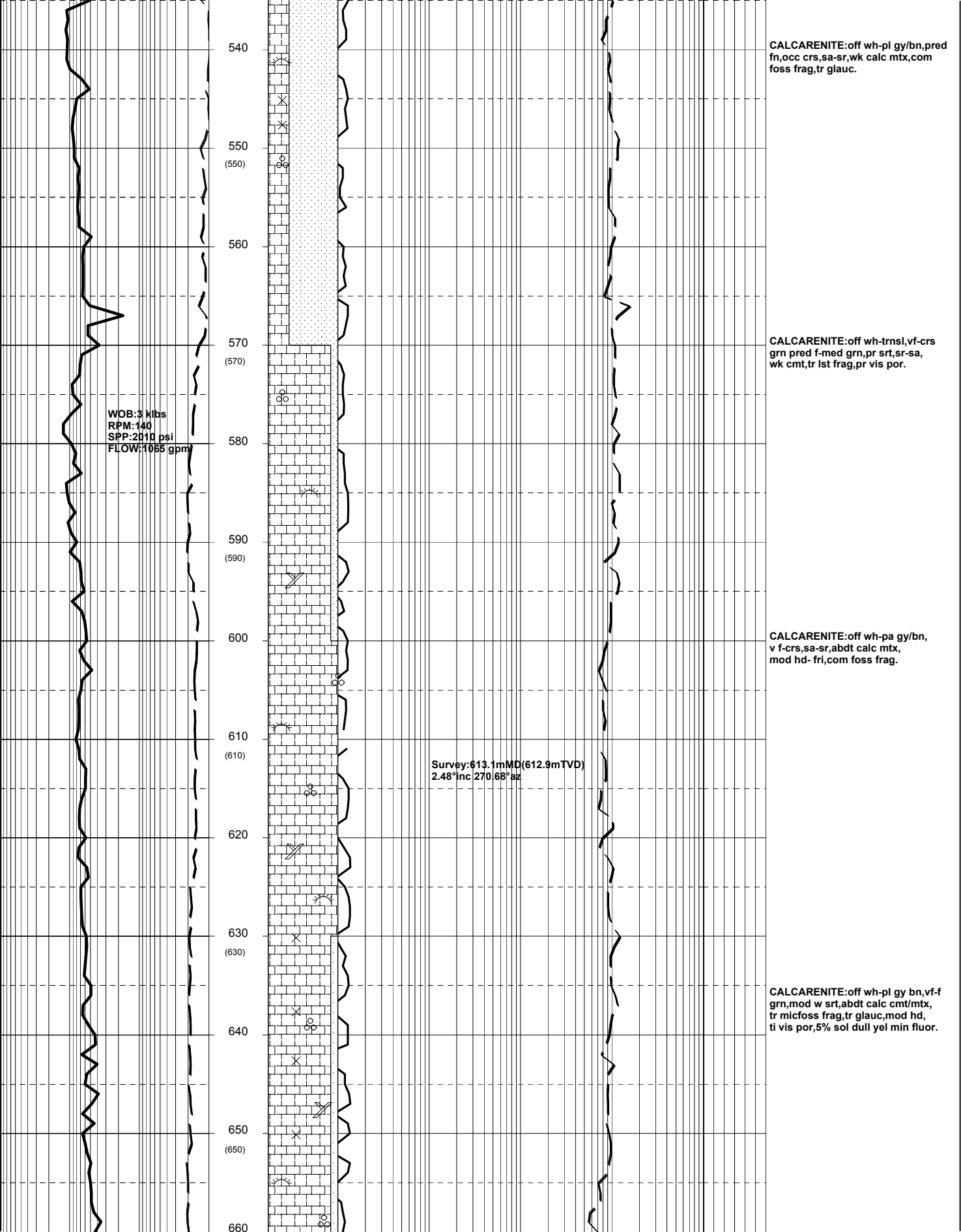
CALCARENITE: off wh-lt gy,v fn-crs  
grn,pr-mod srt,sub ang-sub rnd,  
mod-wk calc cmt,foss frag,tr  
glaucl,fri- mod hd,n vis por,tr  
min fluor,dull yel,n cut

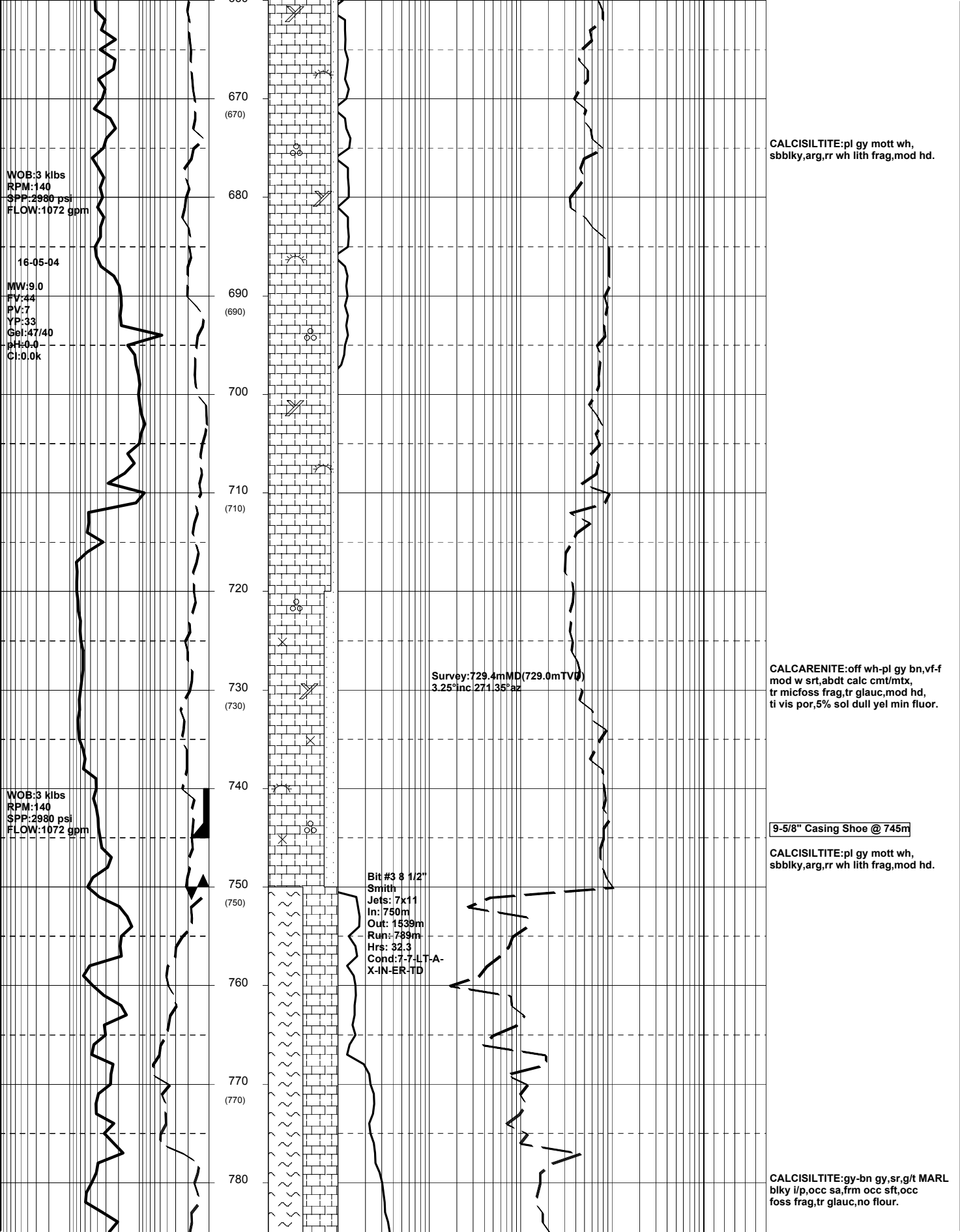
SANDSTONE:clr-trnsl,med-dk yelsh  
org stn,vf-crs dom f-med,pr srt,md,  
wk calc/sil cmt,lse,v gd inf por,  
no fluor.

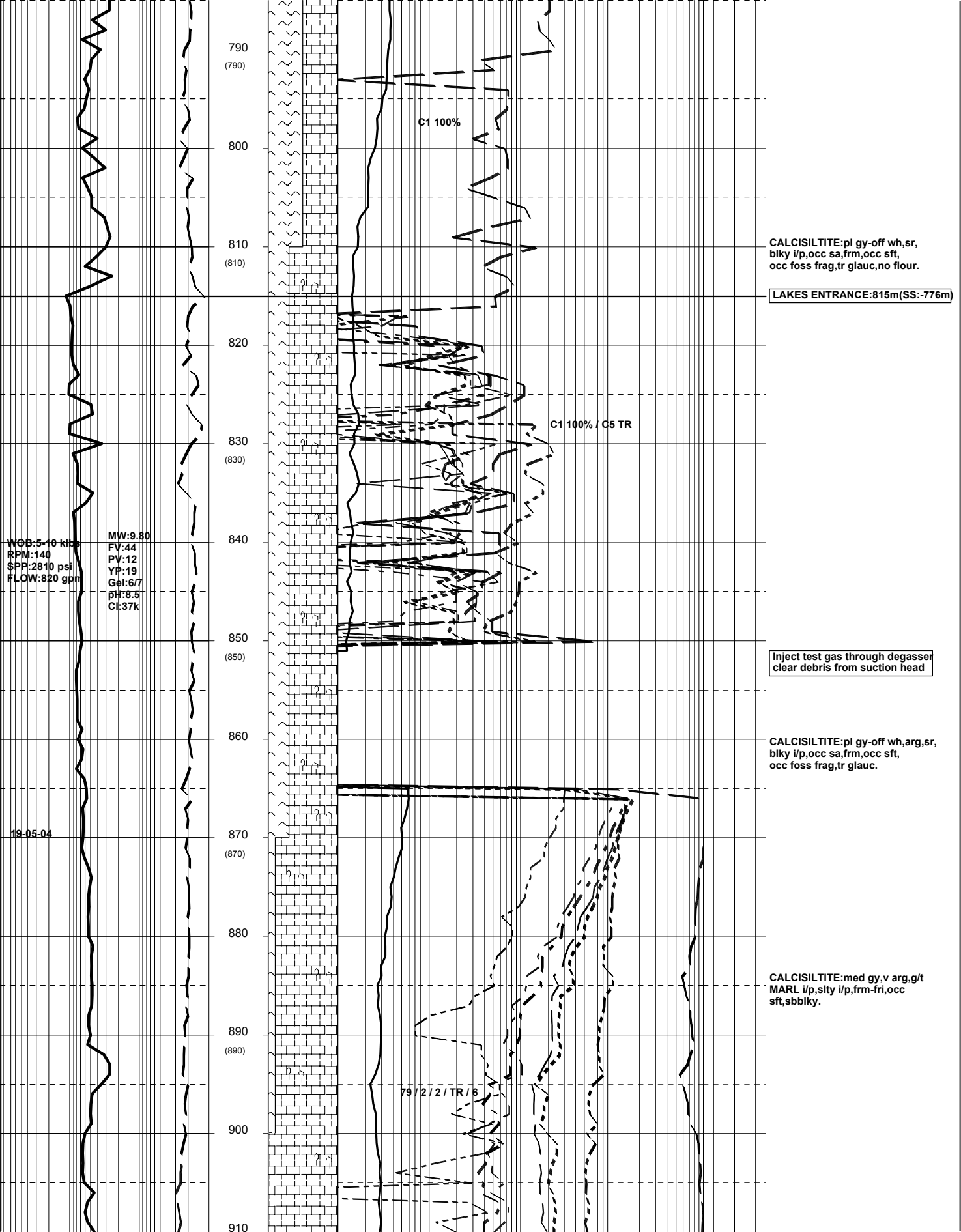
CALCARENITE:off wh-lt gy/bn,  
pred f occ crs,sa-sr,wk calc  
mtx,com foss frag,tr glauc.

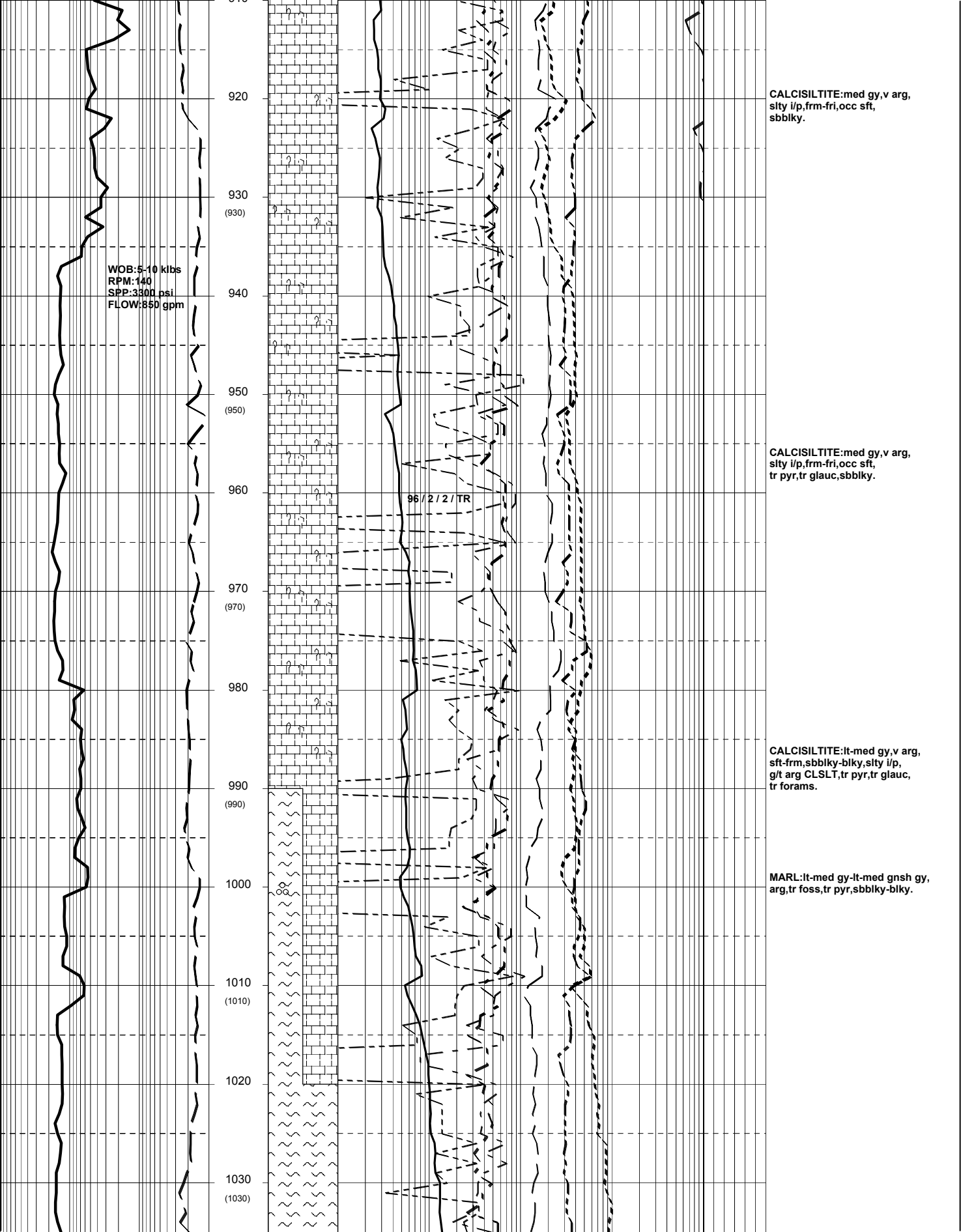
WOB:6 klbs  
RPM:100  
SPP:2010 psi  
FLOW:1065 gpm

Survey:526.0mMD(525.9mTVD)  
2.92°inc 262.43°az











WOB:5-10 klbs  
RPM:140  
SPP:3300 psi  
FLOW:850 gpm

WOB:5-10 klbs  
RPM:140  
SPP:3300 psi  
FLOW:850 gpm

1040

1050  
(1050)

1060

1070  
(1070)

1080

1090  
(1090)

1100

1110  
(1110)

1120

1130  
(1130)

1140

1150  
(1150)

1160

96 / 2 / 2 / TR

96 / 3 / TR / TR / TR

95 / 4 / 1 / TR / TR

MARL:lt-med gy-V lt gnsh gy,  
v sft-sft rr frm,sbblky,arg,tr  
foss,tr nod glauc.

MARL:lt-med gy-V lt gnsh gy,  
v sft-sft rr frm,sbblky,arg,tr  
foss,tr nod glauc.

Carbide Lag Check @ 1067m

MARL:lt-med gy-v lt gnsh gy occ bnsh  
gy,sft-rr frm,sbblky occ blky,rr slty,  
tr foram,tr nod glauc,rr pyr.

MARL:lt-med gy-v lt gnsh gy occ bnsh  
gy bec off wh,sft-rr frm,sbblky,  
tr foram,tr nod glauc,rr pyr.

SILTSTONE:bnsh gy,v sft-sft,arg,  
calc-v calc,tr carb spks,rr diss  
pyr,glauc l/p.

WOB:5.7klbs  
RPM:127  
SPP:3558 psi  
FLOW:840 gpm

WOB:2.5klbs  
RPM:130  
SPP:3500 psi  
FLOW:840 gpm

1170  
(1170)  
1180  
1190  
(1190)  
1200  
1210  
(1210)  
1220  
1230  
(1230)  
1240  
1250  
(1250)  
1260  
1270  
(1270)  
1280

96 / 2 / 1 / 1

85 / 3 / 1 / 9 / 2

CG

82 / 3 / 2 / 9 / 4

CG

87 / 12 / TR / 1 / TR

87 / 12 / TR / 1 / TR

97 / 1 / TR / 1 / 1

SILTSTONE:bnsh gy-dk bnsh,v sft-sft,sbbkly,arg,v calc,tr carb spks,rr diss/nod pyr,v glauc i/p.

LATROBE GROUP:1179m(SS:-1140m)

SANDSTONE:lt gy,f-v crs,pr srt,sub ang-sub rnd,wk-mod sil cmt,wh arg mtx,com glauc,tr mica,fr inf por,no flour.

SANDSTONE:lt gy,f-v crs,v pr srt,sa-sr,wk-mod sil cmt,com wh arg mtx,com glauc,tr-com mic,lse clr-trnsil grn,gd inf por,no flour.

SILTSTONE:pa-med gy & bn,arg,com carb lam,occ carb spks,tr mica,frm,sbbkly.  
COAL:blk,dull,sbconch frac.

SANDSTONE: trnsi-off wh,f-v cr,pr srt sr-sa,wk sil cmt,abdt qtz ovghs,tr wh slty mtx,fri,gd inf por  
FLUOR:1205m -1220m, 5% dc tr mod bri,yel,ptchy-sol fluor.slw diff to inst yel c/c,thn r/r.

SANDSTONE:trnsi-off wh,m-v crs,pr sr-sa,wk-mod sil cmt,abdt qtz ovghs,gen cln,tr wh slty mtx,rr pyr & glauc nod fri-mod hd(where cmt),gd inf por,pr vis por,  
FLUOR:a/a.

(1)SILTSTONE:pl-med brn,arg,com carb,lith & glauc frag,frm-mod hd,sbbkly.

SANDSTONE:trans-pa bn,fn-crs,pred fn-med,mod srt,sa-sr,wk sil cmt,com bn slty mtx,fri,gd inf por, no flour.

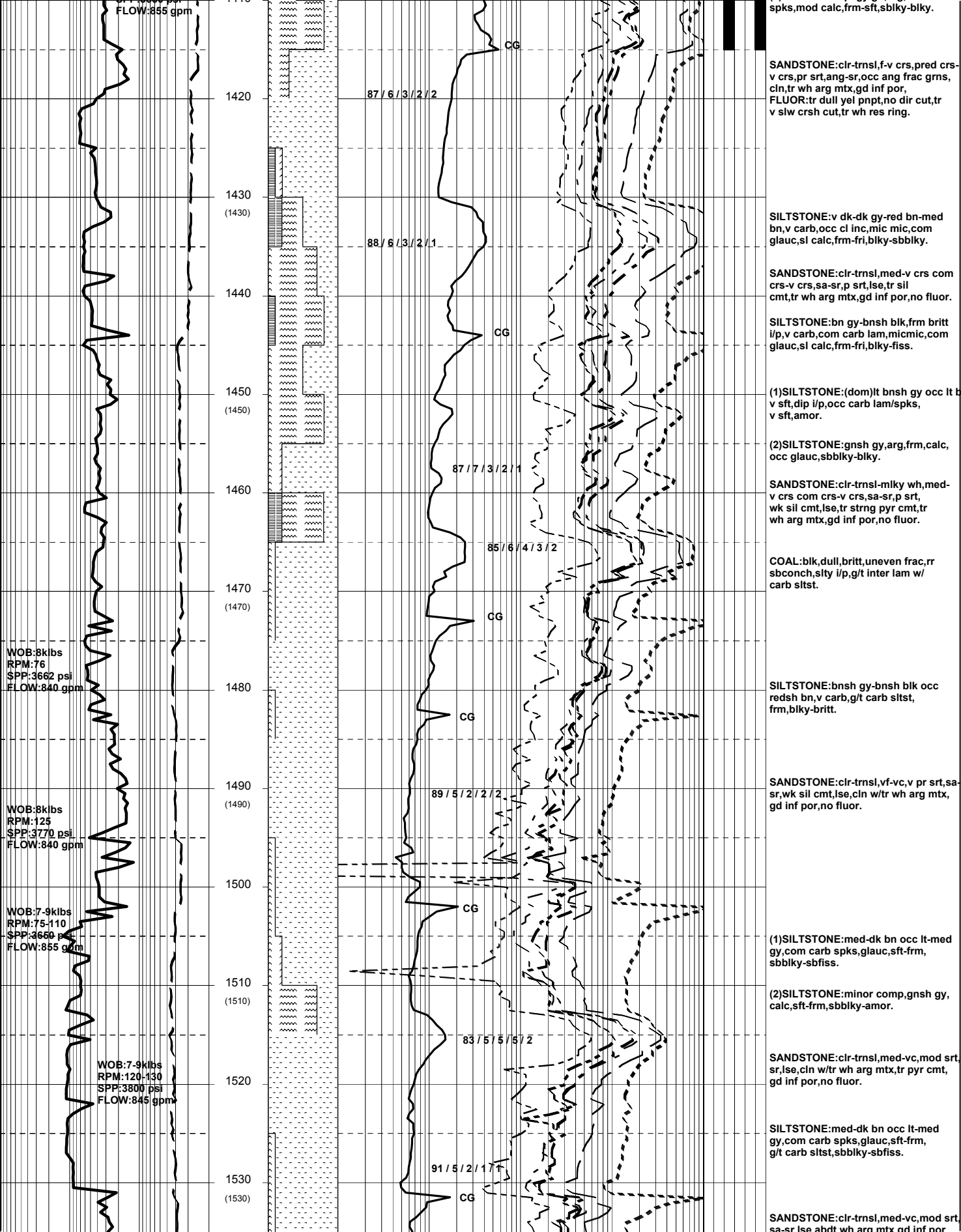
COAL:blk,dull,grd to carb sltst,britt, blkly.

(2)SILTSTONE:v pa gn-gy,aren gd to vf sst,com lithic frag,mod hd,subblky.

SANDSTONE:pa gy-bn,off wh,vf-med occ crs,mod srt,sa-rnd,mod-wk sil & calc cmt,wh slty mtx,tr glauc, fri-mod hd,tr inf pr.  
FLUOR:1260-1270,5%-tr,dul,slid,yel flour,slow c/c,thn yel-wh fim res.

SANDSTONE:clr-trnsi,med-v crs,pr

WOB:2-5klbs  
RPM:135  
SPP:3650 psi



no fluor.

WEST WHIPTAIL-1  
REACHED TD @ 1539.0mMDRT  
@ 09:00 HRS ON 20-05-2004

E-LOG RUNS  
(1) PEX-HALS-HNGS-DS  
(2) MDT-GR (aborted)  
(2A) MDT-GR  
(3) CSAT-GR

1540

1550

1560