



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: DOME LIVING TRUST ET AI 1-8
Location: SEC 8, 16S, 16W, Rush, Kansas
License Number: 15-165-21883-0000
Spud Date: 06/02/2010
Surface Coordinates: 1760 ' FNL & 580' FEL
Region: Wildcat
Drilling Completed: 06/10/2010

Bottom Hole Coordinates:

Ground Elevation (ft): 1930' K.B. Elevation (ft): 1940'
Logged Interval (ft): 1356' To: 3600' Total Depth (ft): 3600'
Formation: Lansing, Arbuckle
Type of Drilling Fluid:

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

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GEOLOGIST

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Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Off. 888-543-8378 Cell: 620-655-8252

Circulating Report

START UNMANNED LOGGING UNIT 06/05/2010
CFS/CTCH 3220' 20,40,60
CTCH 30 MIN AFTER SHORT TRIP
CFS 3252' 20,40,60 1.5 TOTAL
CTCH 1 HR AFTER DST #1
CFS 3310' 20,40,60 TOTAL 1.5 HRS
CTCH 1 HR AFTER DST#2
RIG CIRC AT 3313' TO STRAP PIPE ON RACK AND FIX PIPE 20 MIN
CFS 3322' 15,30,45
CFS 3363' 20,40,60
CFS 3380' 15,30,45
CFS 3403' 20,40,60
CFS 3418' 20,40,60
CTCH 1 HR AFTER DST#4
TD 3600' 3:15 PM 06/10/2010
CTCH 1.5 HRS
TOH FOR LOGS

DST's Report

DST#1 3198'-3252' IFP BOB IN 6 MIN, ISI NO BLOW BACK, FFP BOB 8 MIN, ISI WEAK SURFACE BLOW DIED IN 20 MIN
RECOVERY 50' WM,60' MW,240' WATER TOTAL 350' BHT 106, CLORIDES 43,000
IH 1516,FIF 30,FFF 98,ISI 1024,
SIF 99, SFF 193, FSI 1023, FH 1501
TIMES 10,60,20,90

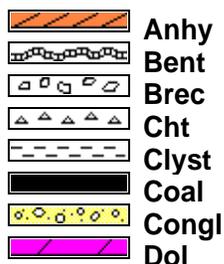
DST#2 3272'-3310' IFP BOB IN 2.5 MIN, ISI WEAK BLOW BACK DIED IN 30 MIN ,FFP BOB IN 4 MIN, FSI WEAK BLOW BACK BUILT TO 1 INCH DIED
RECOVERY 65' GOCM, 60' GMCWO, 475' GIP, TOTAL 125' BHT 105
IH;1609,FIF 35,FFF 38,ISI 1079, SIS 45, SFF 65, FSI 1078, FH 1521
TIMES 10,60,20,90

DST's Report

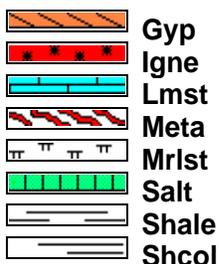
DST#3 3270'-3322' IFP BOB 1 MIN, ISI WEAK BLOW BACK BUILT TO 8 INCHES, FFP BOB IN 40 SEC DIED TO 2 INCHES
FSI NO BLOW BACK
RECOVERY 5' OCM, 60' MUD WITH SCUM OF OIL, 300' WM, 1800' WATER
TOTAL RECOVERY 2165' BHT 105 CLORIDES 75,000
IH 1589, FIF 287,FFF 720, ISI 1079, SIF 728, SFF 1078, FSI 1079 FH 1518
TIMES 10,60,60,135

DST#4 3386'-3418' IFP WEAK BLOW BUILT TO 9 INCHES, ISI WEAK SURFACE BLOW BACK DIED IN 8 MIN, FFP BC 40 SEC, FSI WEAK SURFACE BLOW BACK BUILT TO .5 INCHES DIED 33 MIN
RECOVERY 1; CO, 50' OCM, 60' GCO, 730' GIP TOTAL RECOVERY 111' BHT 106 GRAVITY 39
IH 1710, FIF 19, FFF 23, ISI 1043, SIF 28, SFF 39, FSI 997, FH 1628
TIMES 10,60,45,120

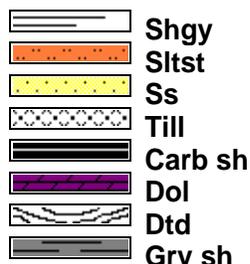
ROCK TYPES



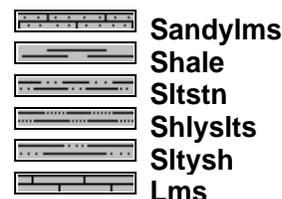
Anhy
Bent
Brec
Cht
Clyst
Coal
Congl
Dol



Gyp
Igne
Lmst
Meta
Mrlst
Salt
Shale
Shcol



Shgy
Sltst
Ss
Till
Carb sh
Dol
Dtd
Gry sh



Sandylms
Shale
Sltstn
Shlyslts
Sltyslts
Lms

ACCESSORIES

MINERAL

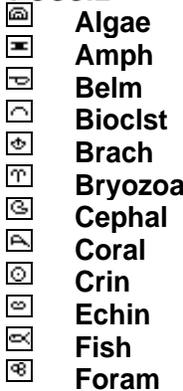


Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr

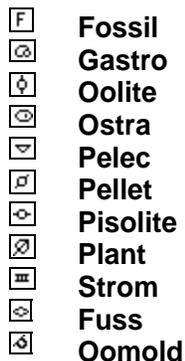


Salt
Sandy
Silt
Sil
Sulphur
Tuff
Chlorite
Dol
Sand
Sltly

FOSSIL

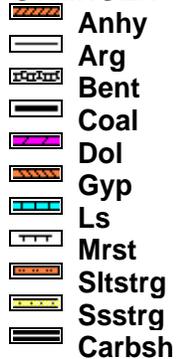


Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram



Fossil
Gastro
Oolite
Ostra
Pelec
Pellet
Pisolite
Plant
Strom
Fuss
Oomold

STRINGER



Anhy
Arg
Bent
Coal
Dol
Gyp
Ls
Mrst
Sltstrg
Ssstrg
Carbsh



Clystn
Dol
Grysh
Gryslt
Lms
Sandylms
Sh
Sltstn

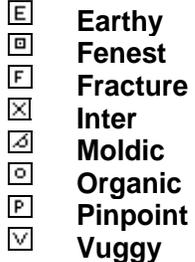
TEXTURE



Boundst
Chalky
Cryxln
Earthy
Finexln
Grainst
Lithogr
Microxln
Mudst
Packst
Wackest

OTHER SYMBOLS

POROSITY TYPE



Earthy
Fenest
Fracture
Inter
Moldic
Organic
Pinpoint
Vuggy

SORTING



Well
Moderate
Poor

ROUNDING



Rounded
Subrnd
Subang



Angular

OIL SHOWS



Even
Spotted
Ques
Dead
Gas show

INTERVALS

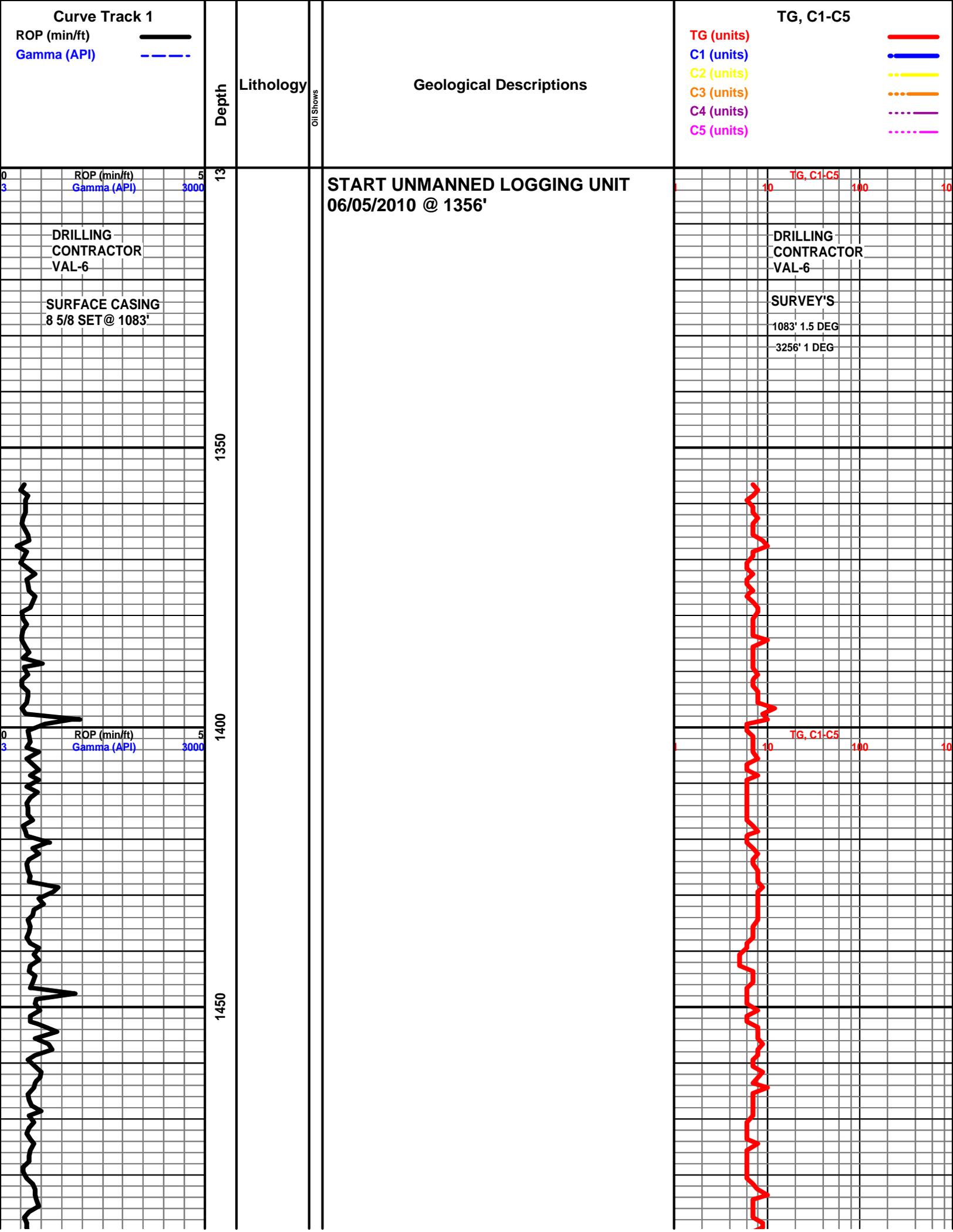


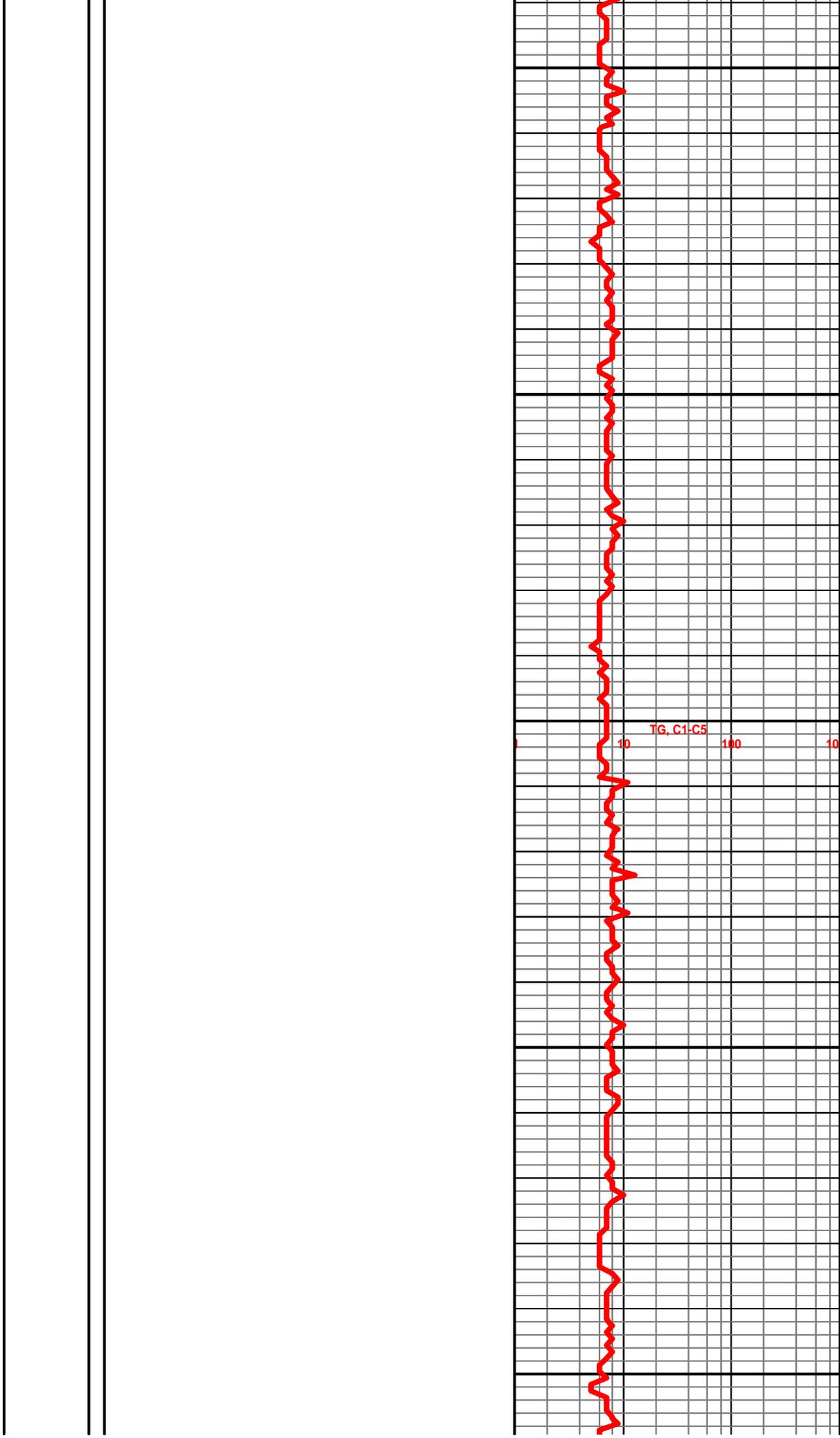
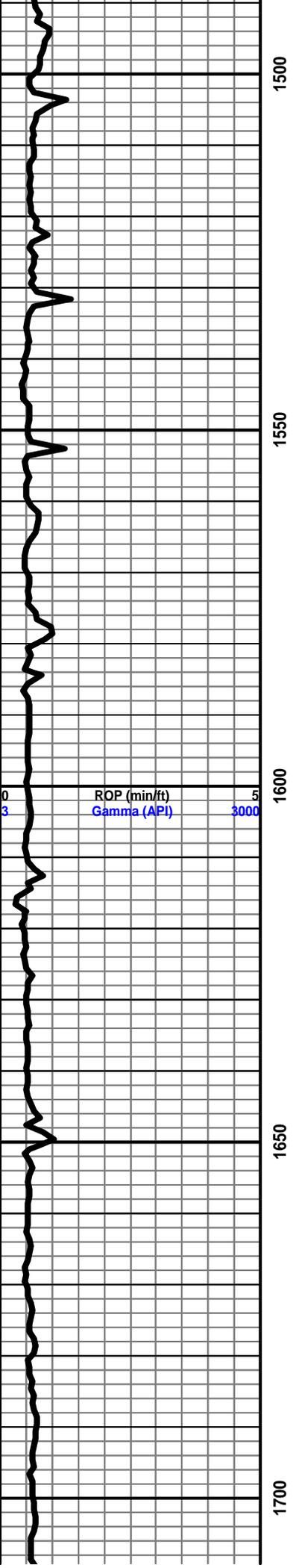
Core
Dst
Dst

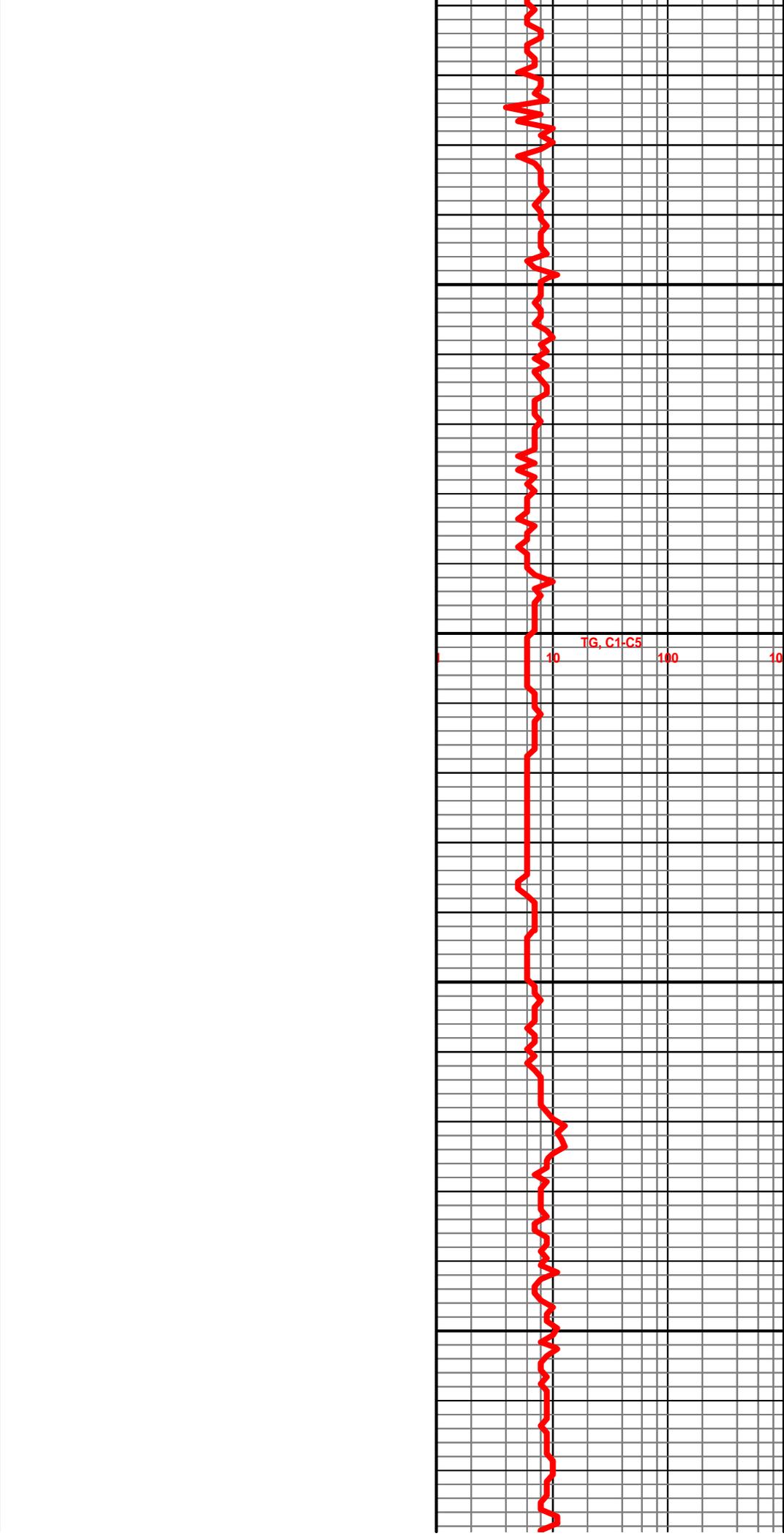
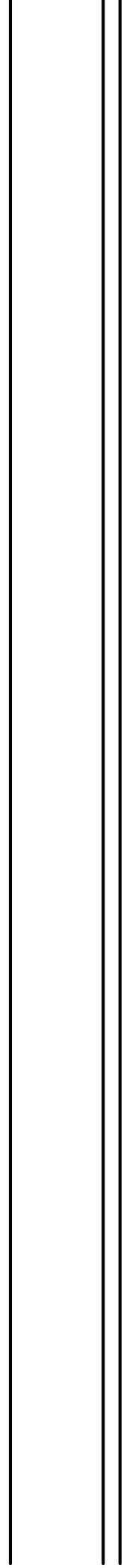
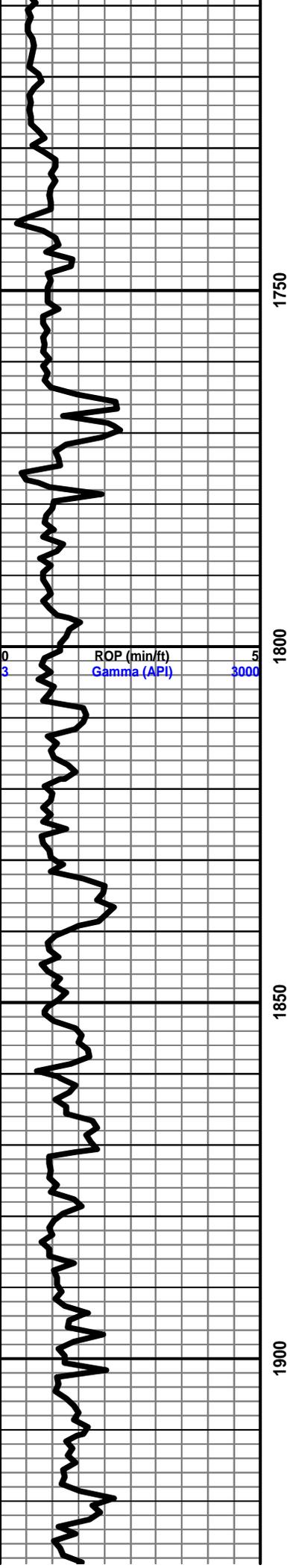
EVENTS



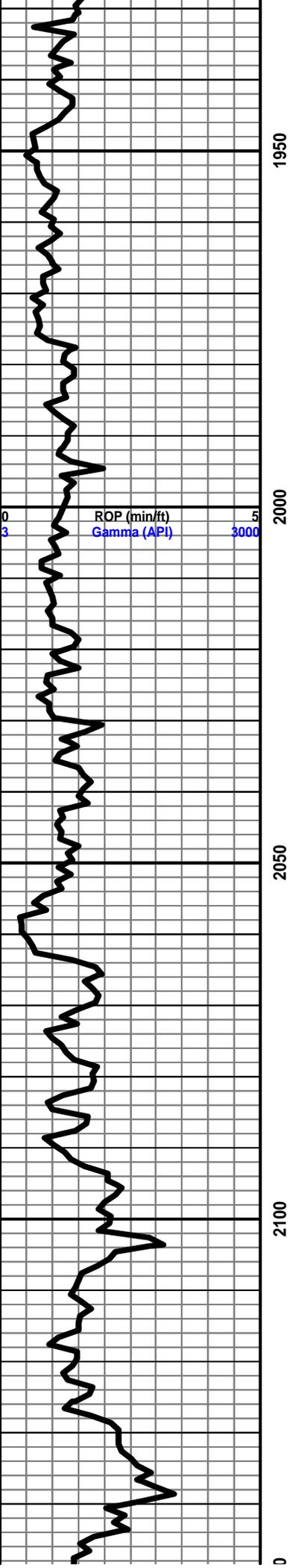
Rft
Sidewall







WINFIELD 1941' +1'



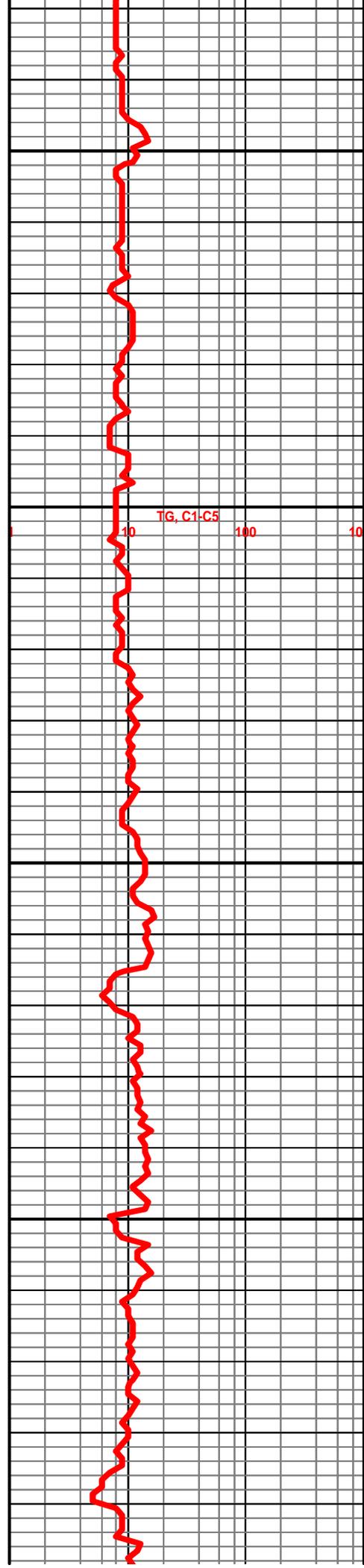
1950

2000

2050

2100

0

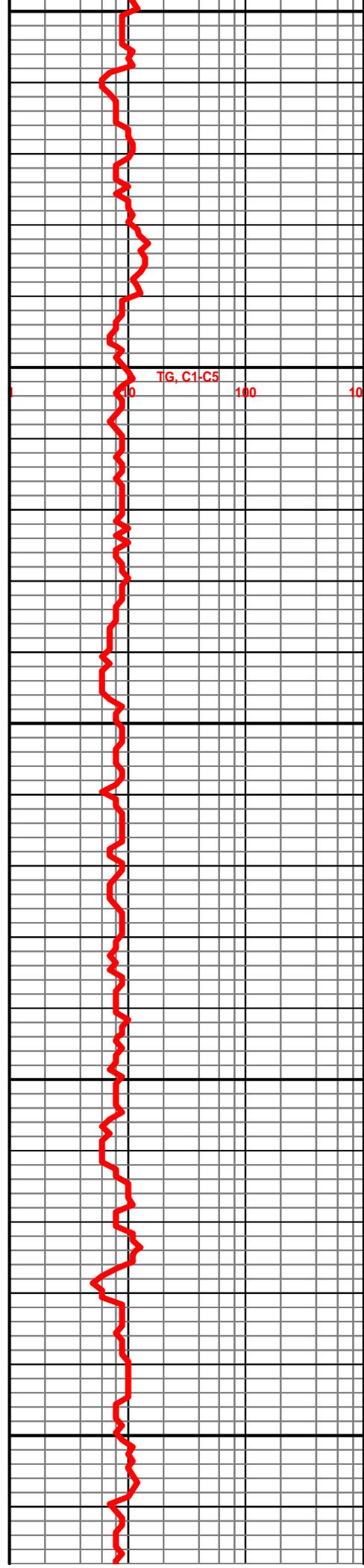
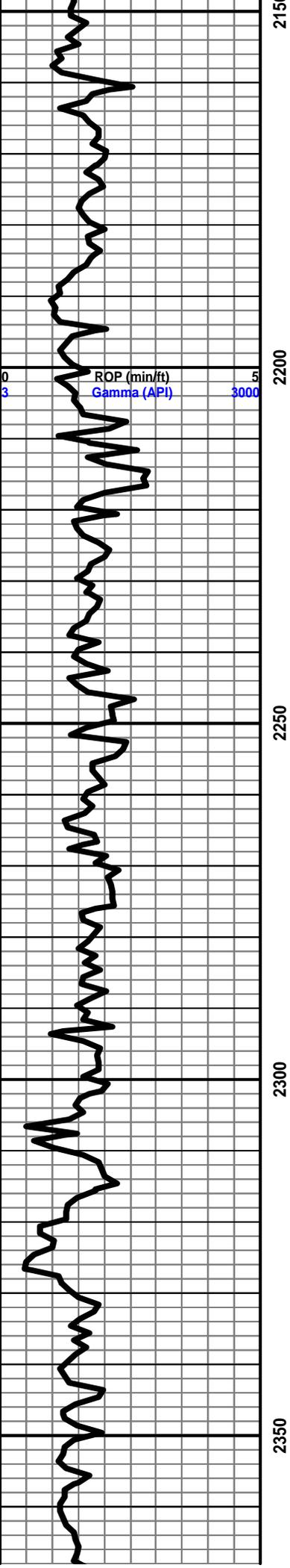


TG, C1-C5

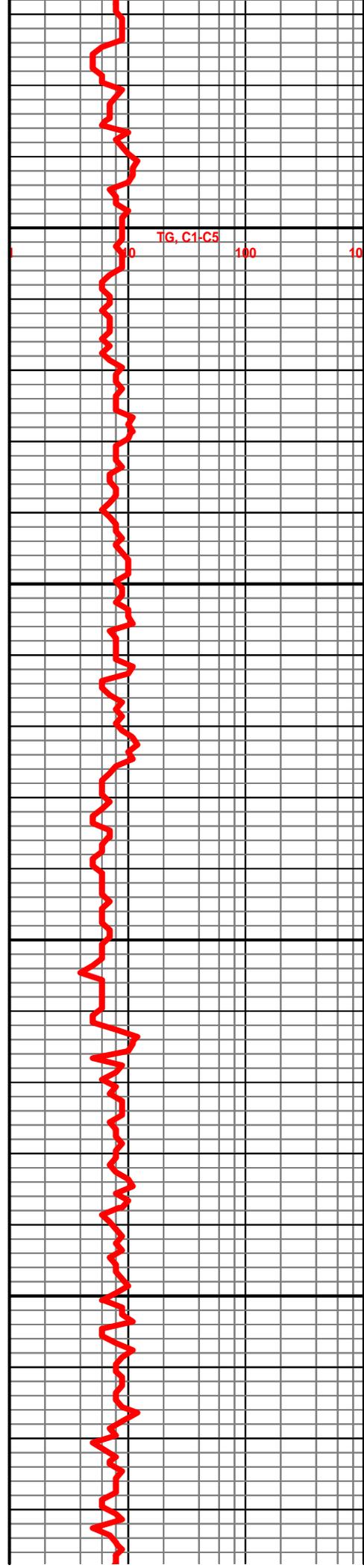
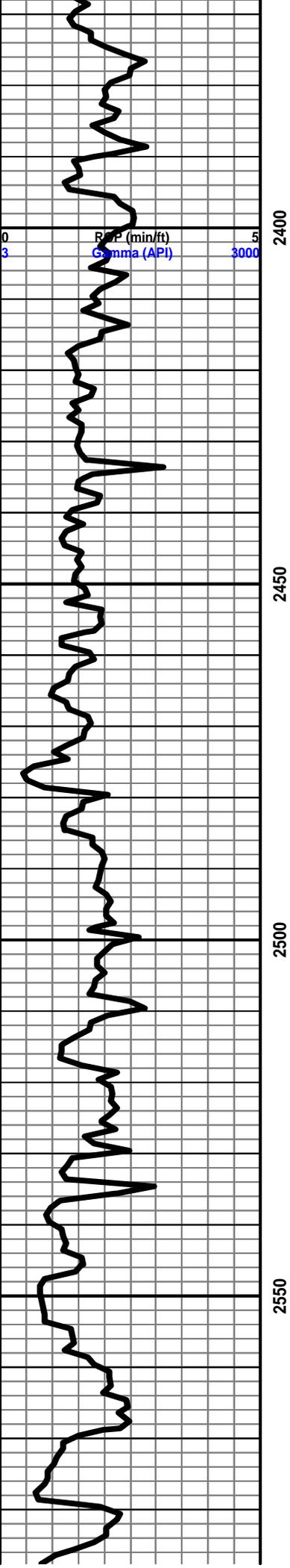
10

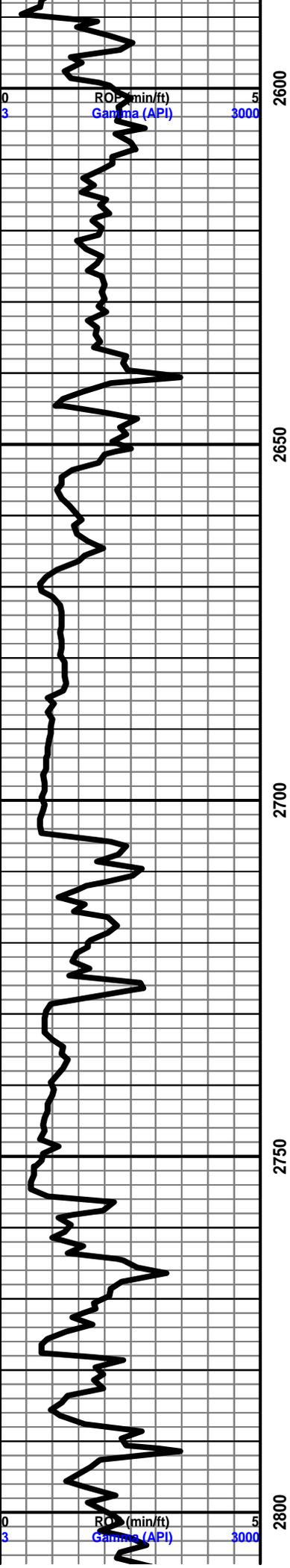
100

10

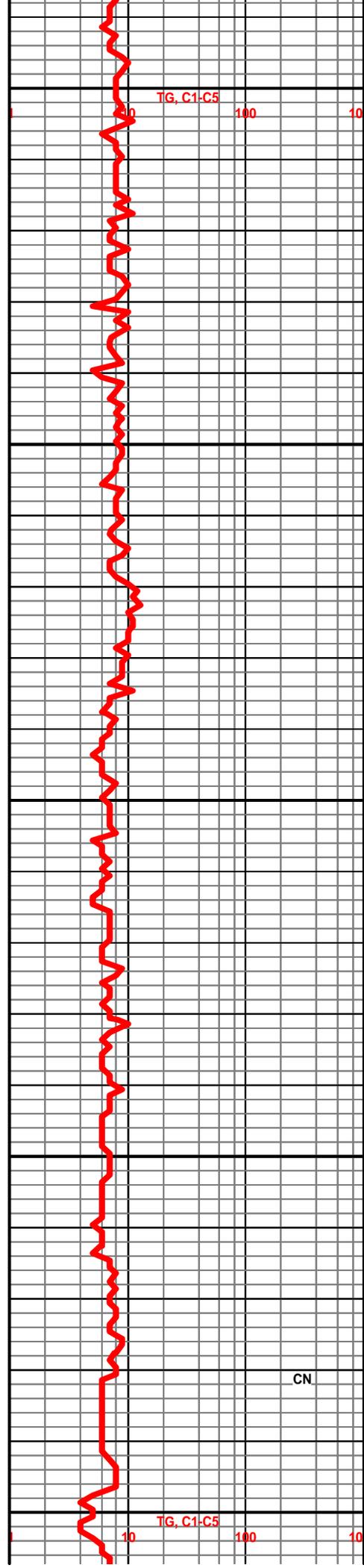


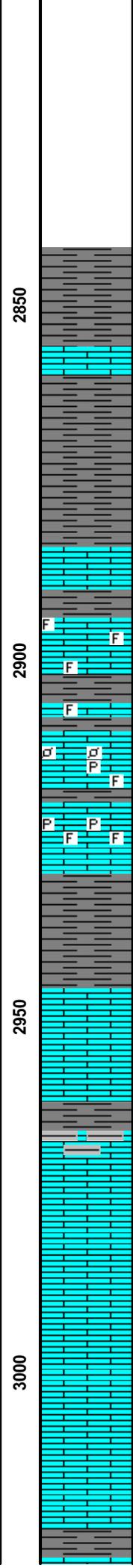
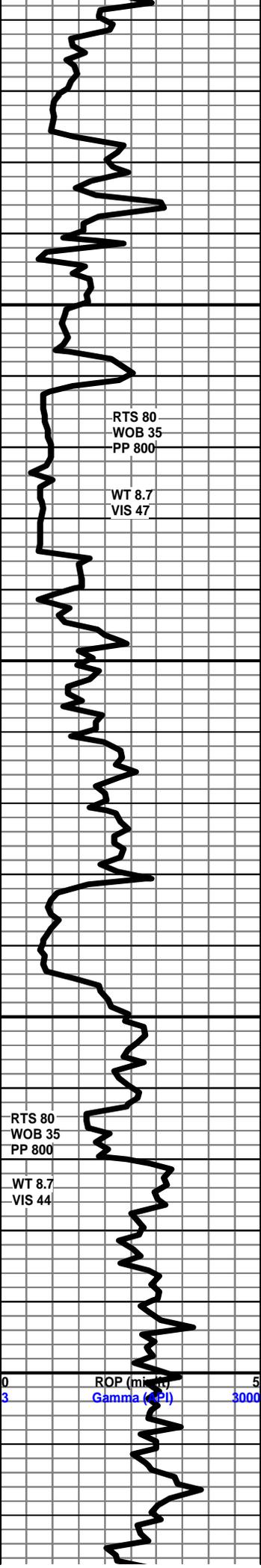
NEVA 2372' -432'





BASE ROOT SHALE 2705' -765'





**START 24 HR MANNED LOGGING UNIT
06/06/2010 BY RODNEY NAPIER**

LS DK TN TO TN HD DN TT CRYPTO XLN MTX NO FLO NO VIS POR NO VIS SHOW

SH DK GRY TO GRY SMOOTH FRM SPLNTY BRITT TO SFT

HOWARD 2885'-945'

LS GRY TN LT TN BUFF HD DN BRITT VVFN TO FN XLN MTX RE-XLN MTX IP TR IMBD FOSS IP TR DISS GRY SH IP SCATT TR LT DULL YLW FLO NO VIS POR NO VIS SHOW

LS TN LT TN BUFF HD TO BRITT FRM IP VVFN TO FN XLN MTX TR IMBD CALC XLS IP IMBD FOSS TR LOOSE FOSS FRG IN TRAY TR PYR IP SCATT DULL YLW FLO POSS TT INTERXLN POR TO NO POR NO CUT NO VIS SHOW

SH GRY LT GRY SFT SILTY THRU

TOPEKA 2943' -1003'

LS TN LT GRY HD DN TT CRYPTO TO VVFN XLN MTX DISS GRY SH IP TR CALC XLS IP SUCRO TXT IP NO FLO NO VIS POR NO VIS SHOW

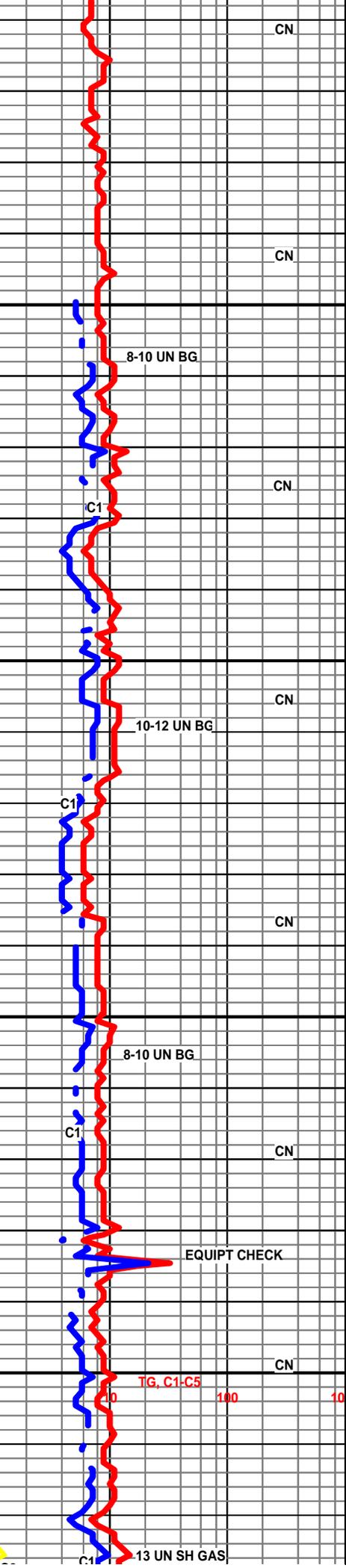
SH LT GRY SLTLY FRM TO SFT LMY II

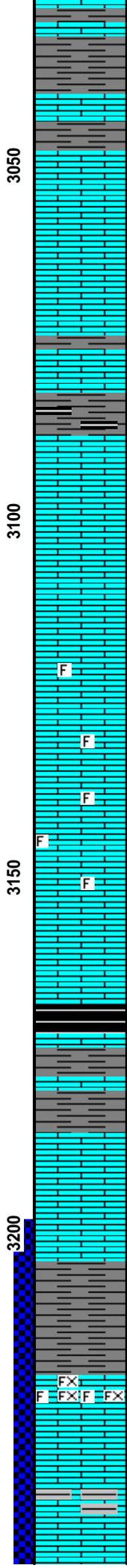
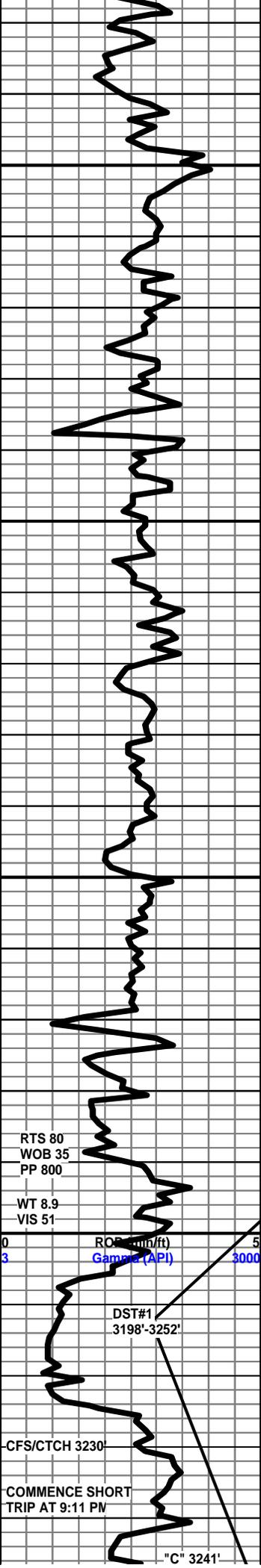
LS DK GRY DK TN HD DN TT CRYPTO XLN MTX TR LMNTD PYR IP NO FLO NO VIS POR NO VIS SHOW

LS LT GRY TN LT TN BUFF HD DN TT CRYPTO TO VVFN XLN MTX NO FLO NO VIS POR NO VIS SHOW

LS DK GRY TO GRY TO TN HD DN TT CRYPTO TO VVFN TO FN XLN MTX NO FLO NO VIS POR NO VIS SHOW

SH DK GRY SMOOTH SPLNTY CALC TO LMY WITH TR IMBD FOSS





IMBD FOSS

SH LT GRY SFT SILTY THRL

LE COMPTON 3048' -1108'

LS LT TN BUFF CRM HD TO FRM BRITT VVFN TO FN XLN MTX SUB-CHLKY IP TR IMBD FOSS FRG TR LOOSE FOSS IN TRAY LT YLW FLO TR POR MICRO PP POR IP NO CUT NO VIS SHOW

LS CRM BUFF HD DN CRYPTO TO VVFN XLN MTX TR IMBD PYR IP NO FLO NO VIS POR NO VIS SHO

SH DK GRY SLTLY FRM TO BRITT SMOOTH WTIH TR SILSTN GNS IMBD TR BLK CARB SH IP

LS LT TN CRM BUFF HD TO FRM BRITT VVFN TO FN XLN MTX TR VRY SM CALC XLS IP SUCRO TXT IP POSS TT INTERXLN POR SCATT LT YLW FLO TO NO FLO NO CUT NO VIS SHOW

LS LT GRY DK TN HD DN TT CRYPTO XLN MTX NO FLO NO VIS POR NO VIS SHOW

LS LT GRY CRM BUFF MOTT HD TO FRM TR IMBD VFN CALC XLS IP TR LOOSE FOSS FRG IN TRAY SUB-CHLKY SCATT VRY DULL YWL FLO TR TT INTERXLN POR NO CUT NO VIS SHOW

LS LT TN CRM BUFF HD FRM VVFN TO FN XLN MTX RE-XLN MTX TR IMBD FOSS TR SM CALC XLS TR IMBD LS GRNS IP LT YLW FLO 50% NO ODOR TR DEAD OIL STAIN IP TR POOR TT INTERXLN POR IP TO NO POR NO CUT NO VIS SHOW

LS TN LT TN BUFF HD DN TT CRYPTO XLN MTX NO FLO NO VIS POR NO VIS SHOW

HEEBNER 3169' -1229'

SH DK GRY TO GRY HD TO FRM SMOOTH BRITT CALC TO LMY

3185'-3189' LS LT TN BUFF CRM HD TO FRM CRYPTO TO VVFN TO FN XLN MTX RE-XLN MTX IP DISS GRY SH IP T IMBD QRZT XLS TR IMBD FOSS IP DULL YLW FLO POSS INTERXLN POR TO TR VUGS IP NO CUT NO VIS SHOW

LS DK GRY LT GRY TO TN HD DN TT CRYPTO TO VVFN XLN MTX NO FLO NO VIS POR NO VIS SHO

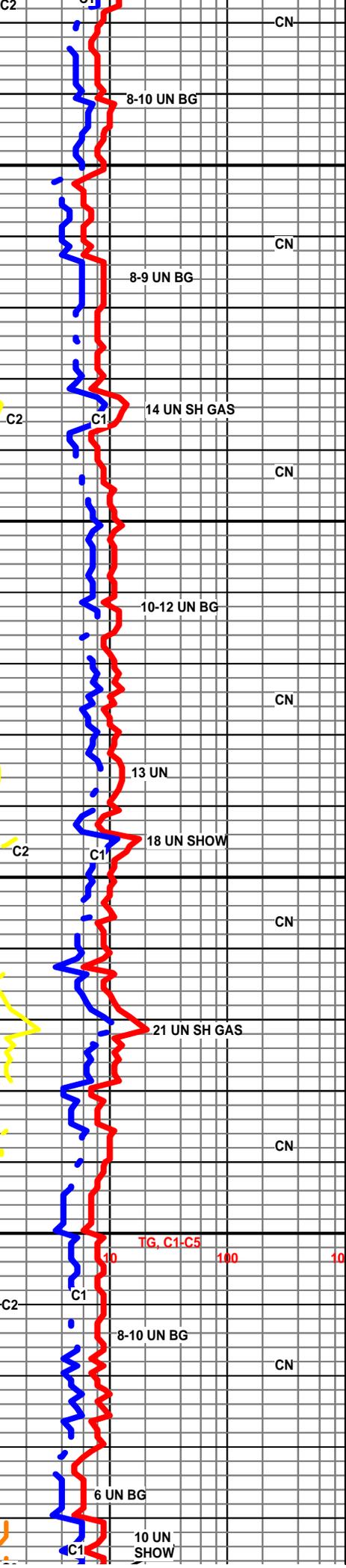
SH DK GRY TO GRY HD FRM TO SFT SMOOTH TO BRITT WAXEY TXT

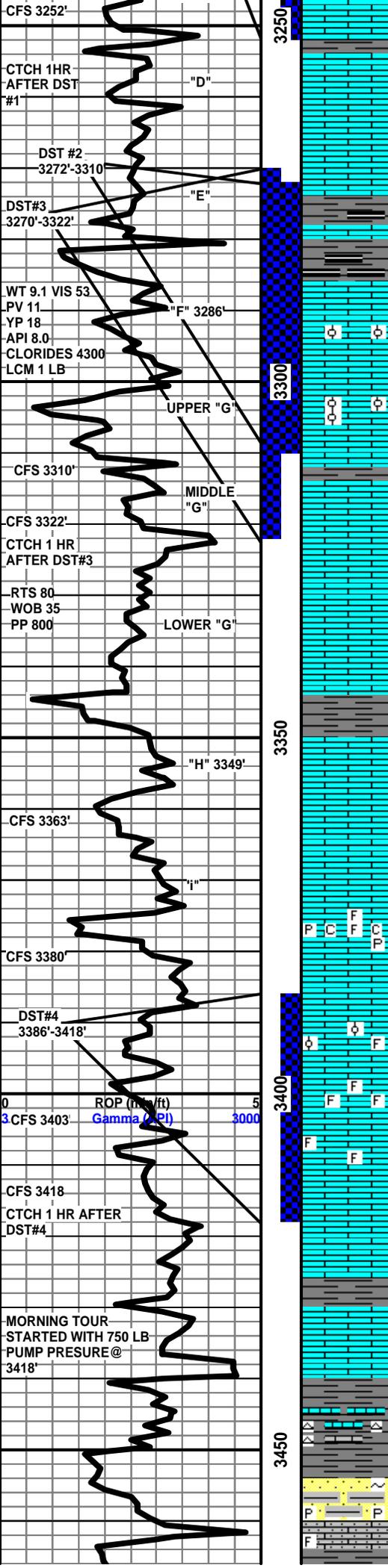
LANSING 3221'-1281'

3121'-3123' LS CRM BUFF TO OFF WHT FRM BRITT TO SFT VVFN TO FRM TO TR MD XLN MTX RE-XLN MTX SM AND MD IMBD CALC XLS TR LOOSE FOSS FRG IN TRAY FAINT ODOR IN 60 MIN SAMPLE LT YLW FLO IN 80% TO TR DULL GLDN YLW FLO 20% SLT TR OIL STAIN ON 1' OF ROCKS POOR TO FAIR INTERXLN POR TO TR PP AND MICRO PP POR IP FAINT FLUSH TO POOR SPURTY MILKY BLUE STREAM CUT FAINT LT YLW RING CUT POOR SHOW

3225'-3242' LS DK BRN GRY DK TN TO TN BUFF MOTT IP HD DN TT BRITT CRYPTO TO VVFN XLN MTX TR IMBD FOSS IP NO FLO NO VIS POR NO VIS SHOW

3242'-3252' LS LT TN BUFF OFF WHT, HD TO FRM, VFN TO FN XLN MTX





MD XLN MTX IP, RE-XLN MTX IP, IMBD QRTZ XLS TO SM CALC XLS, TWO CLUSTERS CALC XLS WITH GOOD STAIN, TR IMBD FOSS IP, TR IMBD PYR IP, POOR TO FAIR INTERXLN POR, TO TR POOR VUG POR, FAINT TO FAIR ODOR 40,60 MIN SAMPLES, DULL GLDN FLO 40%, LT YLW FLO 60%, STAIN ON 20% FAINT FLUSH TO SLOW MILKY BLU STREAMING CUT

3256'-3260' LS LT TN CRM BUFF HD DN BRITT VVFN TO FN XLN MTX SUCRO TXT TR IMBD FOSS IP TR LMNTD PYR IP LT YLW FLO POSS TT INTERXLN POR NO CUT NO VIS SHOW

LS CRM BUFF OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX TR IMBD PYR NO FLO NO VIS POR NO VIS SHOW

SH DK GRY FRM SMOOTH SPLNTY WITH TR BLK CARB SH IP

3290'-3294' LS LT TN BUFF CRM VVFN TO FN XLN MTX IMBD OOLITES TR IMBD FOSS FRG SUB-CHLKY IP TR OIL STAIN ON 10% GLDN YLW FLO 50% LT YLW FLO 30% POSS TT INTERXLN POR TO NO POR FAINT ODOR FAINT FLUSH CUT POOR MILKY BLUE STREAMING CUT FROM TWO ROCKS

3301'-3310' LS LT TN CRM BUFF FRM BRITT VVFN TO FN TO MD XLN MTX RE-XLN MTX IMBD OOLITES TR LOOSE FOSS FRG IN TRAY TR IMBD QRTZ XLS IP TR IMBD SM CALC XLS AROUND OOLITES TR CALC XLS CLUSTERS WITH IMBD OIL STAIN FAIR TO GOOD ODOR 40,60, MIN SAMPLES GLDN FLO THRU STAIN IN 60% FAIR TO TO GOOD INTERXLN POR TR MICRO PP AND PP FOR IP POSS INTER FOSS POR FAIR TO GOOD FLUSH CUT TO GOOD STRONG MILKY BLUE STREAMING CUT

3315'-3322' LS DK TN TO TN LT TN BUFF, MOTT, TR CHERT IN UPPER PART OF ZONE, FN TO MD XLN MTX, RE-XLN MTX 80%, IMBD SM, MD, LG FRSTY WHT TO CLEAR QRTZ 70%, TR IMBD SH IP ONLY, POOR TO POSS FAIR INTERXLN POR, TO TR VUGGY POR, TR PP TO MICRO PP POR IP, POSS FRACTURES, FAIR TO GOOD STRONG ODOR, LT GLDN FLO 20%, BRITE GLDN FLO 80%, STAIN ON 70%, SOME ROCKS SATURATED WITH OIL, FAIR TO GOOD FLUSH CUT, TO GOOD STRONG MILKY BLUE STREAMING CUT, LT BRITE YLW GRN RING CUT, TO LT TN TO BRN LEACH ON DISH

3322'-3335' LS DK TN TO TN CRM BUFF HD DN TT CRYPTO TO VVFN XLN MTX TR LMNTD PYR SUB-CHLKY IP SCATT TR LT YLW FLO NO ODOR NO STAIN POSS POR TT INTERXLN POR NO CUT NO VIS SHOW

3335'-3340' LS LT TN CRM BUFF TO OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX TR CALC XLS IMBD ON EDGE OF THREE ROCKS SLT STAIN ON EDGE OF ROCKS TR VRY POOR VUG POR TO NO POR DULL GLDN YLW FLO 2 ROCKS VRY FAINT FLUSH CUT POOR TT SHOW

3356'-3363' LS LT GRY LT TN CRM BUFF HD TO FRM BRITT VFN TO FN XLN MTX SUB-CHLKY TR PYR NODULES IN TRAY TR IMBD CALC XLS IN VUGS LT YLW FLO 40% TR STAIN IN CAL XLS 20% POOR INTERXLN TO VUG POR FAINT TO POOR ODOR POOR FLUSH CUT TO SPOTTY SLOW POOR MILKY BLUE STREAM CUT.

3275'-3277' LS CRM BUFF OFF WHT FRM BRITT FN XLN MTX IMBD CHI TR PIECES HRD CHLK IN TRAY TR LMNTD PYR IP TR IMBD FOSS IP TR MICRO VUG TO MICRO PP POR DULL YLW FLO 20% FAINT ODOR NO STAIN FAINT POOR FLUSH CUT

3389'-3394' LS TN DUE TO STAIN LT TN BUFF TO CRM HD FRM BRITT VVFN TO FN XLN MTX SUCRO TXT V/ SM TO SM CALC XLS TR VUGS WITH CALC XLS IMBD TR IMBD OOLITES TO IMBD FOSS SUB-CHLKY BRIT YLW FLO 60% GLDN YLW FLO 30% FAIR TO GOOD ODOR POOR TO POSS FAIR INTERXLN TO VUG POR MICRO PP POR POSS FOSS POR IP ONLY GOOD INSTANT FLUSH TO POOR TO FAIR SLOW MILKY BLUE STREAMING CUT WITH LT BRN LEACH ON DISH

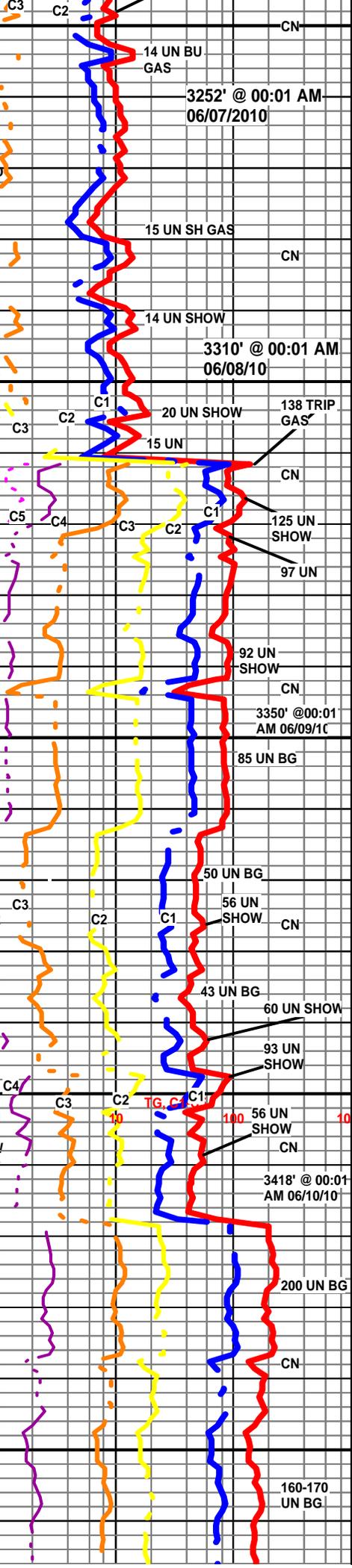
3397'-3303' LS LT TN DUE TO STAIN CRM BUFF OFF WHT TO WHT HD TO FRM FN TO MD XLN MTX RE-XLN MTX IMBD FOSS THRU IMBD SM TO MD CALC XLS CAL XLS INTERLACED AROUND FOSS LT BRITE YLW FLO 80% LT GLDN YLW FLO 10% LT STAIN 60% TO SLT TR LIVE OIL PP TO MICR PP POR 40% POOR INTERXLN POR TO POOR TO FAIR INTERFOSS POR TR VUGS IP FAIR TO GOOD ODOR GOOD INSTANT FLUSH TO SLOW MILKY BLUE STREAMING CUT

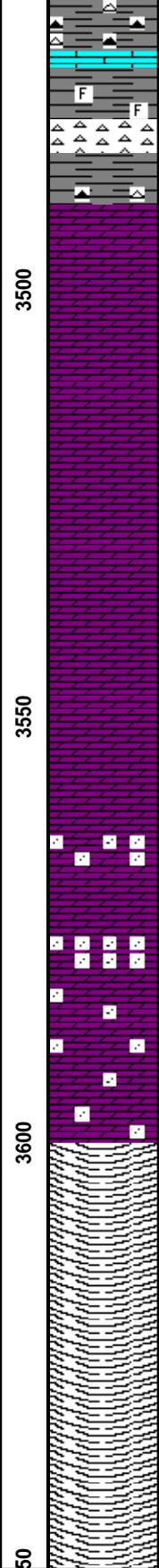
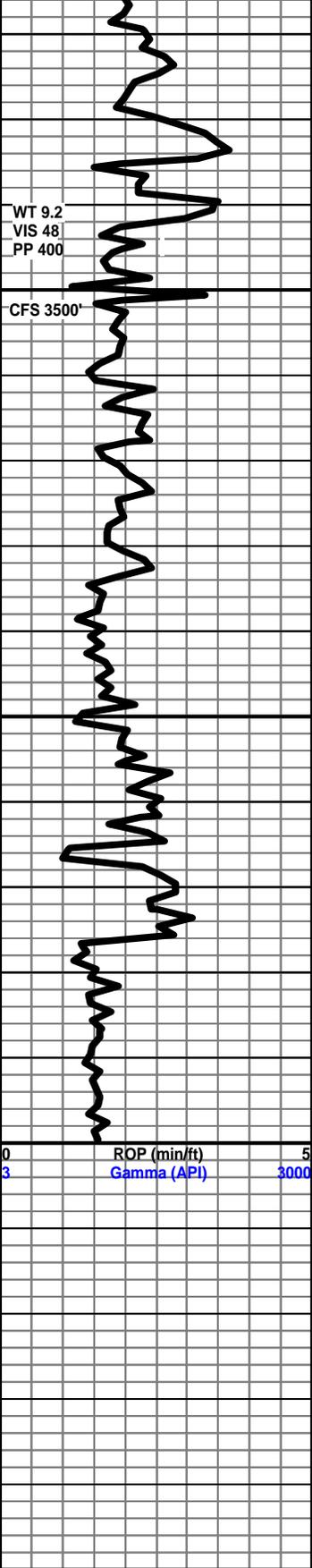
3407'-3409' LS LT TN BUFF OFF WHT FN TO MD XLN MTX RE-XLN MTX THRU TR IMBD FSTY WHT TO CLR QRTZ XLS BRITE YLW FLO 70% SM VUG TO MICRO VUG POR POSS TT INTERXLN POR TO TR POOR PP POR FAIR ODOR POOR TO FAIR FLUSH CUT TO VRY SLOW MILKY BLUE STREAM CUT

BKC 3441' -1501'

SH DK GRY TO DK BRN HD FRM SMOOTH BLKY BRITT LMY TO GRY SLTLY SFT SILTY

SS CLR FRSTY WHT LT TN FAIR SORT VVFN TO FN SS GRNS WITH SILICIOUS CMNT IMBD SH IMBD PYR IMBD GLAC TR UNCONSOLIDATED FN TO MD SUB-RND TO RND SS GRNS IN TRAY TR FLO IP TO NO FLO TR STAIN IN 10% POOR INTER GRAN POR TO NO POR VRY POOR FLUSH CUT TO SPOTTY VRY SLOW MILKY BLUE STREAM CUT TT SHOW





SH GRY DK BRN TO BRN RED/BRN FRM BLKY WASZY TXT DK BRN TO TN LT WHT TO OPAQUE CHERT IMBD PYR LMY IP SMOOTH BRITT SPLNTY

CHERT BRITE WHT TO ORNG TO PURPLE

SH RED/BRN SFT MUSH GUMMY

ARBUCKLE 3490' -1550'

3490-3492 DOL CRM BUFF OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX HD DN TT NO TR STAIN ON ONE ROCK NO FLO NO VIS POR NO CUT NO VIS SHOW

3492'-3500' DOL LT TN BUFF FRM BRITT VRY SM TO SM TR OF MD DC GRN THRU, TR IMBD CLR QRTZ XLS TR IMBD TO LMNTD PYR IP SCAT TR VRY DULL YLW FLO TO NO FLO POSS TT TO POOR INTERGRN POR VRY FAINT ODOR NO STAIN POOR SPURTY MILKY BLUE STREAM CUT TO VRY FAINT LT YLW RING CUT

3500'-3510' DOL CRM TO OFF WHT TO WHT HD TO FRM FN TO MD XLN MTX RE-XLN MTX FN ANG TO SUB-ANG WHT DOL XLS THRU TR PYR CHLKY TR DEAD OIL STAIN ON 5% NO FLO NO ODOR POSS TT INTERXLN TO TR PP POR IP FAINT POOR FLUSH CUT POOR SHOW

3510'-3530' DOL OFF WHT TO WHT LT GRY HD DN BRITT CRYPTO TO VVFN XLN MTX RE-XLN MTX IP TR IMBD CLR QRTZ XLS IP LMNTD PYR NO FLO POSS POOR INTERXLN POR TO NO POR NO ODOR NO STAIN NO CUT NO VIS SHOW

3534'-3550' DO WHT TO OFF WHT HD TO FRM VVFN TO FN TO MD XLN MTX RE-XLN MTX TR IMBD FOSS IP ONLY CHLKY TR IMBD CHLK IP NO ODOR NO STAIN POOR MICRO PP TO PP POR TR POOR TO FAIR INTERXLN POR NO CUT NO VIS SHOW

3550'-3564' DOL CRM BUFF OFF WHT TO WHT HD DN TT CRYPTO TO VVFN XLN MTX TR CLR QRTZITE IP TR PYR NODULE IN TRAY TR LMNTD PYR IP NO FLO NO VIS POR NO VIS SHOW

3564-3567 DOL LT WHT TO OFF WHT VFN TO FN XLN MTX IMBD SUB-RND TO RND CLR SS GRNS THRU IMBD CHLK NO FLO POSS INTER GRAN POR NO ODOR NO STAIN NO VIS SHOW

DOL LT GY WHT TO OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX NO FLO NO VIS POR NO VIS SHOW

3576-3600' DOL CRM BUFF TO OFF WHT WITH LT GRY IP HD FRM BRITT VVFN TO FN TO TR MD XLN MTX RE-XLN MTX IMBD VRY SM TO SM CLR TO FRSTY WHT SUB-ANG TO SUB-RND TO RND SS GRNS THRU TR PYR NODULES WITH IMBD SND GRNS TR LT WHT TO FRSTY WHT QRTZ XLS IP NO FLO POOR TO FAIR INTERGRAN POR NO ODOR NO STAIN NO CUT NO VIS SHOW

RTD 3600' 3:15 PM 06/10/2010

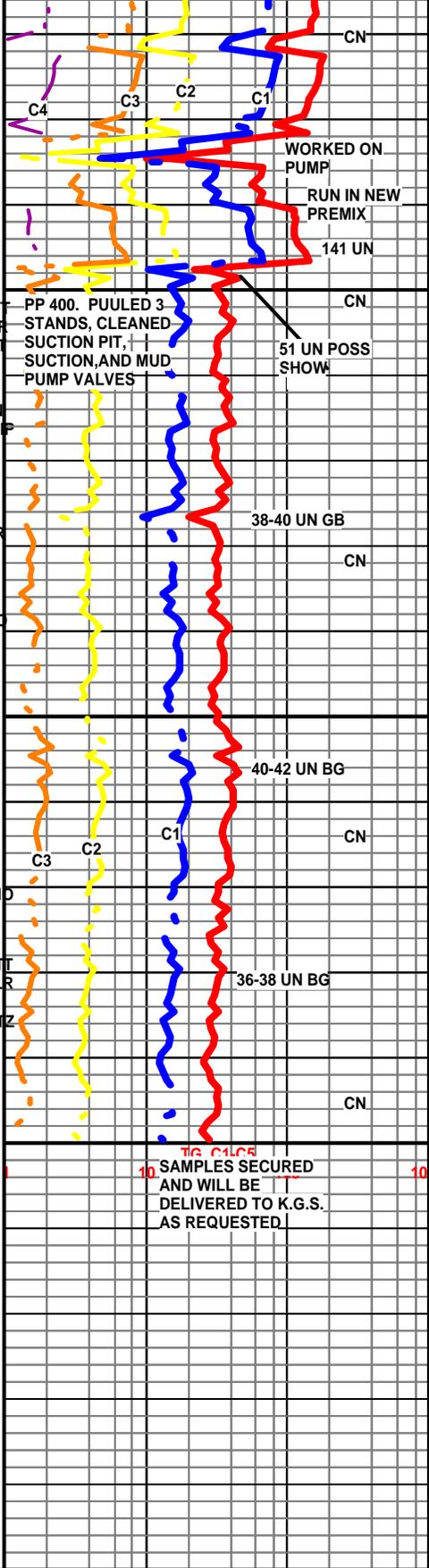
CTCH 1.5 HRS

TOH FOR LOGS

LOGGERS WEATHERFORD

LOGGER TD 3593'

THANK YOU FOR CHOOSING EARTHTECH



TIC C1LCE
 10 SAMPLES SECURED AND WILL BE DELIVERED TO K.G.S. AS REQUESTED