

MBC WELL LOGGING LLC

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

Well Name: JANTZ 32-4 RING ENERGY
 Location: GRAY COUNTY, KANSAS USA
 Licence Number: 34856
 Spud Date: 9-10-14
 Surface Coordinates: 2305'fsl, 335'fel SEC 32-T27S-R30W
 TOMCAT 4 CLINT ANDREWS CO-MAN
 Bottom Hole HLS-DIL/SP/GR CNL/CAL/PE/BHV SONIC SFC
 Coordinates: API-15-069-20479-00
 Ground Elevation (ft): 2813' K.B. Elevation (ft): 2821'
 Logged Interval (ft): 4050 To: 5450 Total Depth (ft):
 Formation: ST LOUIS
 Type of Drilling Fluid: HORIZON DRILLING FLUIDS

Region:
Drilling Completed:

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

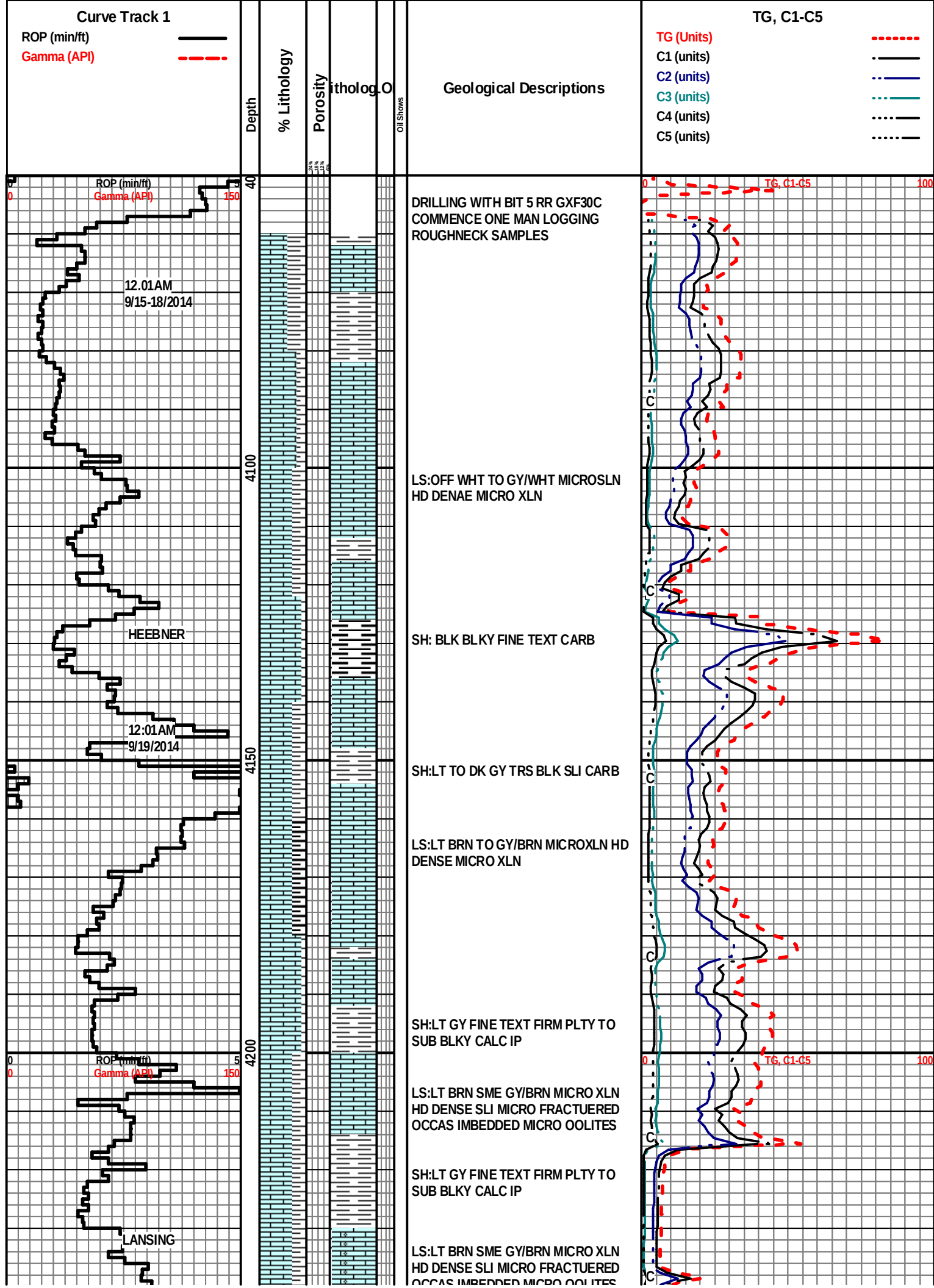
Company: RING ENERGY CORP
 Address: MARK CRAWFORD %-GEOLOGY
 PO BOX 11350
 MIDLAND , TEXAS 79702

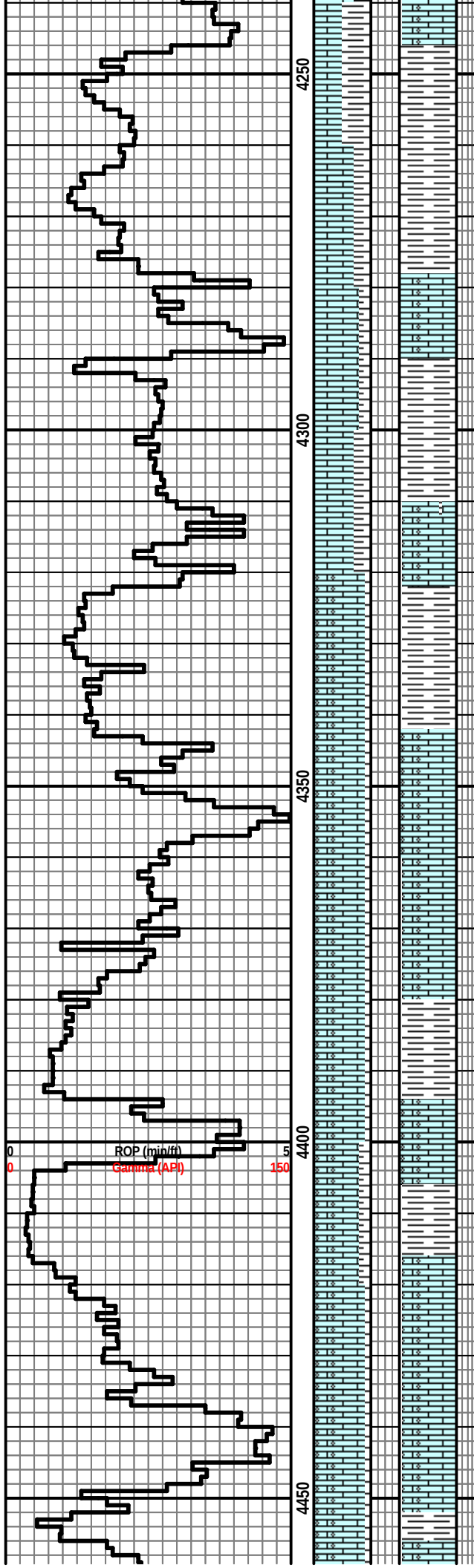
MUDLOGGER

Name: BILL KEMP
 Company: MBC WELL LOGGING LLC
 Address: 21156 RD 22
 MEADE, KANSAS 67864

ROCK TYPES

	Anhy		Oolitic ls -1		Salt		Grn sh strk		Calc shale
	Brec		Stgensndy-2		Sndy sh--reg		Lmy sh-2		Granitewash
	Cht		New ls-1		Sndy sh		Grn mott gy		Ls shly-b
	Coal		Carby shale		Sltst-1		Shale-1		Poor sortd ss
	Congl		Lmy carby		Sltty-shale		Red sh-1		Snd-ls-sh
	Dolo new		Carb sh		Lmy ss-1		Stgensndy-arkos		
	Newdolo ls		Gyp		Arkosic snd		Sndy ool ls		
	Ls & ooids		Sltst		Ss		Sndy-ls-1		





SH:LT GY FINE TEXT FIRM PLTY TO
SUB BLKY CALC IP

LS:LT BRN SME GY/BRN MICRO XLN
HD DENSE SLI MICRO FRACTURED
OCCAS IMBEDDED MICRO OOLITES

LS: BUFF CREAM LT BRN LT GY/BRN
MOST MICROXLN SME IMBEDDED
OOLITES OCCAS OOLICASTIC
VUGULAR POR

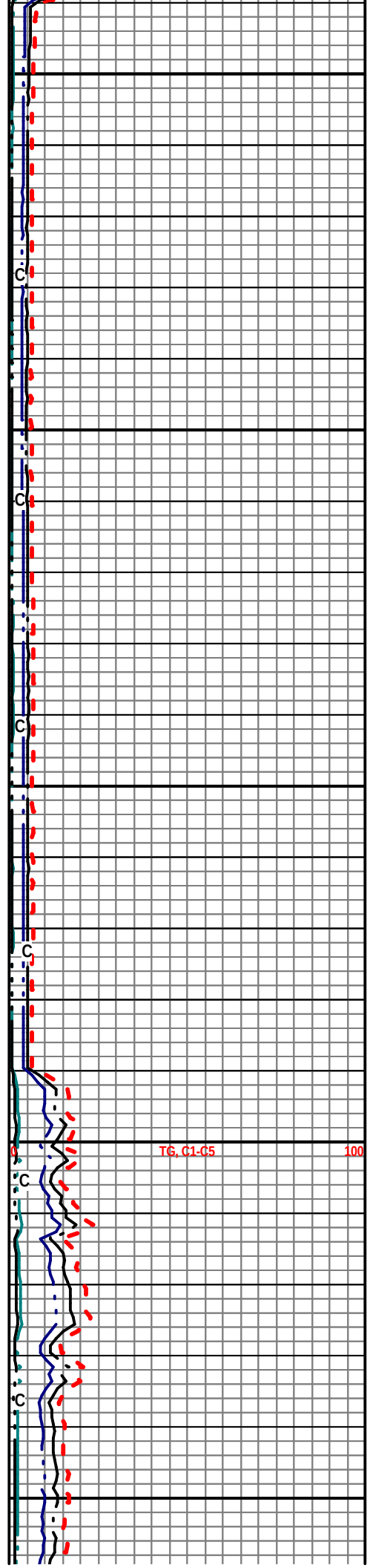
SH: LT GY PLTY FIRM SLI GRAINY
TEXT IP OCCAS MICRO PYRITIC

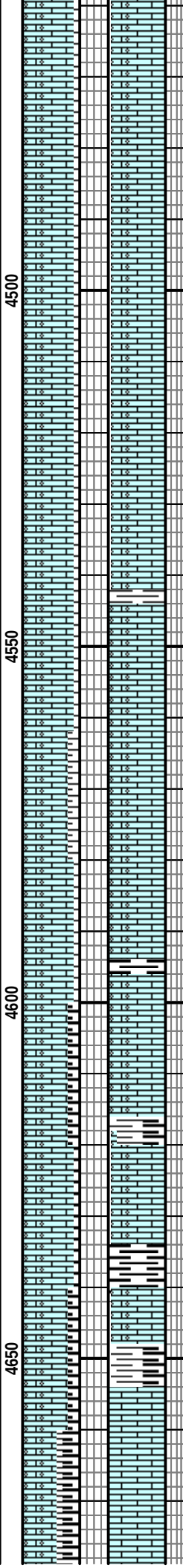
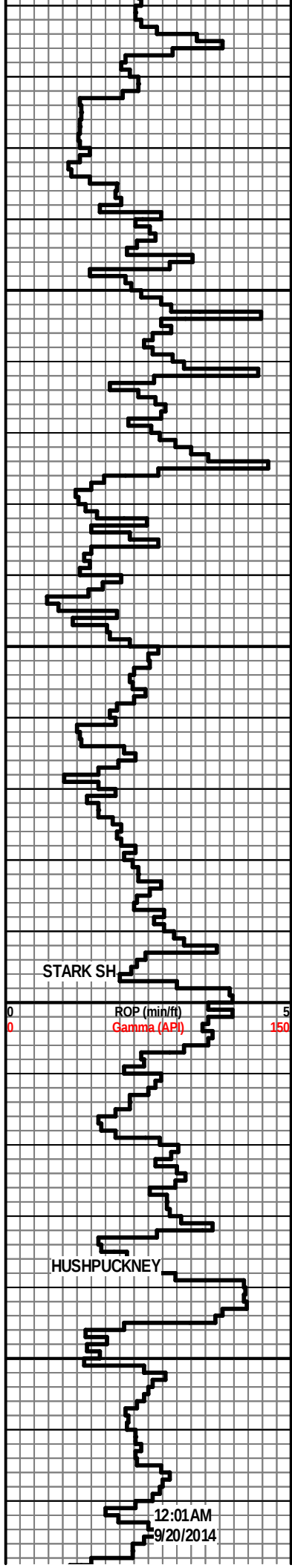
LS: BUFF CREAM LT BRN LT GY/BRN
MOST MICROXLN SME IMBEDDED
OOLITES OCCAS OOLICASTIC
VUGULAR POR

SH:LT GY TO GY/IGN VF GRAINY TEXT
FIRM PLTY

SH:LT GY TO GY/IGN VF GRAINY TEXT
FIRM PLTY

LS: OFF WHT BUFF CREAN MOST
MICROXLN OOLITIC SME OOLICASTIC
POR SME OFF WHT TO CREAM FXLN
SLI CHLKY APPEAR





LS: OFF WHT BUFF CREAM TRS LT GY
MOST MICROXLN OOLITIC SME
OOLICASTIC POR SME OFF WHT TO
CREAM FXLN SLI CHLKY APPEAR

LS: OFF WHT BUFF CREAM TRS LT GY
MOST MICROXLN OOLITIC SME
OOLICASTIC POR SME OFF WHT TO
CREAM FXLN SLI CHLKY APPEAR

SH:LT TO DK GY SLISILTY TEXT SUB
BLKY MOD SFT

LS: OFF WHT BUFF CREAM TRS LT GY
MOST MICROXLN OOLITIC SME
OOLICASTIC POR SME OFF WHT TO
CREAM FXLN SLI CHLKY APPEAR

STARK SH

SH: BLK BLKY FIRM COALY APPEAR
CARB

LS:TAN LT BRN MOST MICROXLN HD
DENSE SME IMBEDDED OOLITES

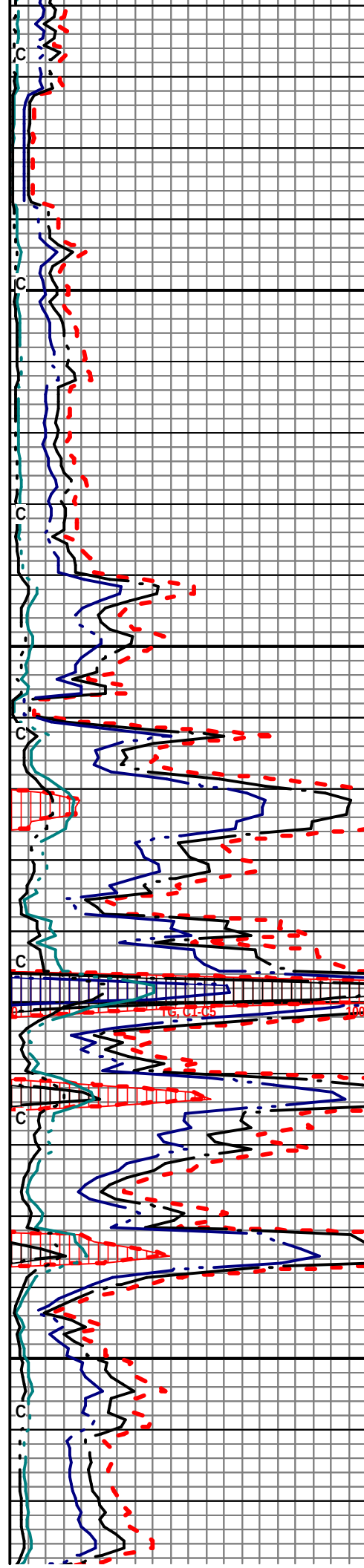
LS:TAN LT BRN MOST MICROXLN HD
DENSE SME IMBEDDED OOLITES

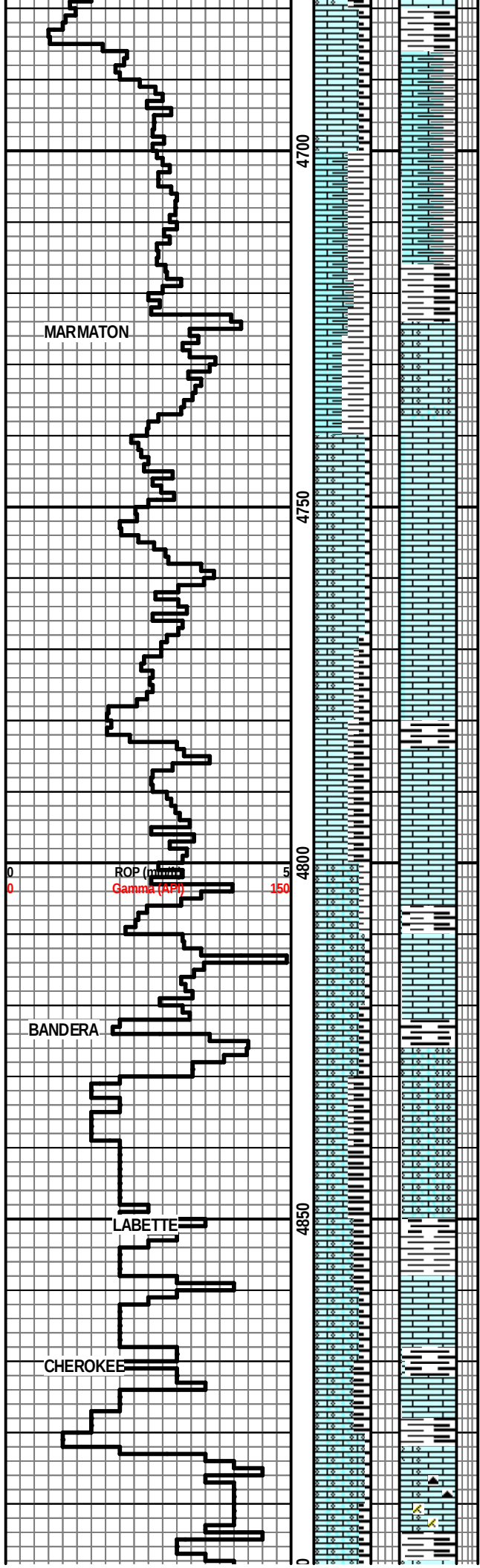
HUSHPUCKNEY

SH:BLK BLKY FINE TEXT FIRM CARB

SH:DK GY FINE TEXT FIRM PLTY

LS:TAN LT BRN MOST MICROXLN HD
DENSE





SH:DK GY FINE TEXT FIRM PLTY

LS:GY/WHT MOTT VFXLN SLI CHLKY
TO SLI SHALY APPEAR WITH SH: DK
GRY TO BLK FINE TEXT FIRM BLKY SLI
CARB

SH:DK GY FINE TEXT FIRM BLKY SLI
CARB

LS: OFF WHT HD DENSE MICRO XLN
SME WITH ABUND MBEDDED OOLITES
TRS OOLICASTIC VUGS

LS: CREAM TO LT BRN MICROXLN HD
DENSE MICROXLN

SH:DK GY FINE TEXT FIRM BLKY SLI
CARB

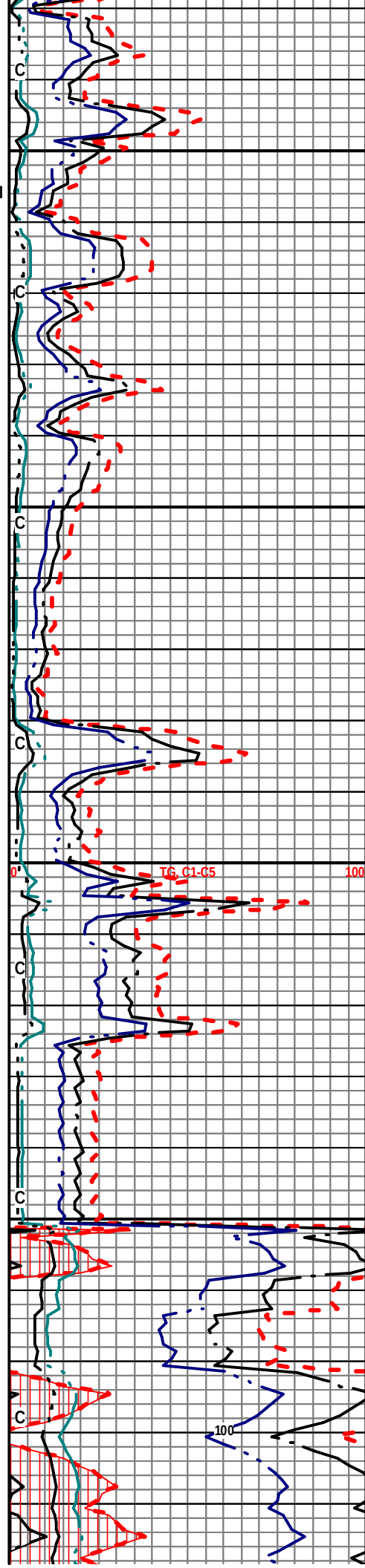
SH:DK GY FINE TEXT FIRM BLKY SLI
CARB

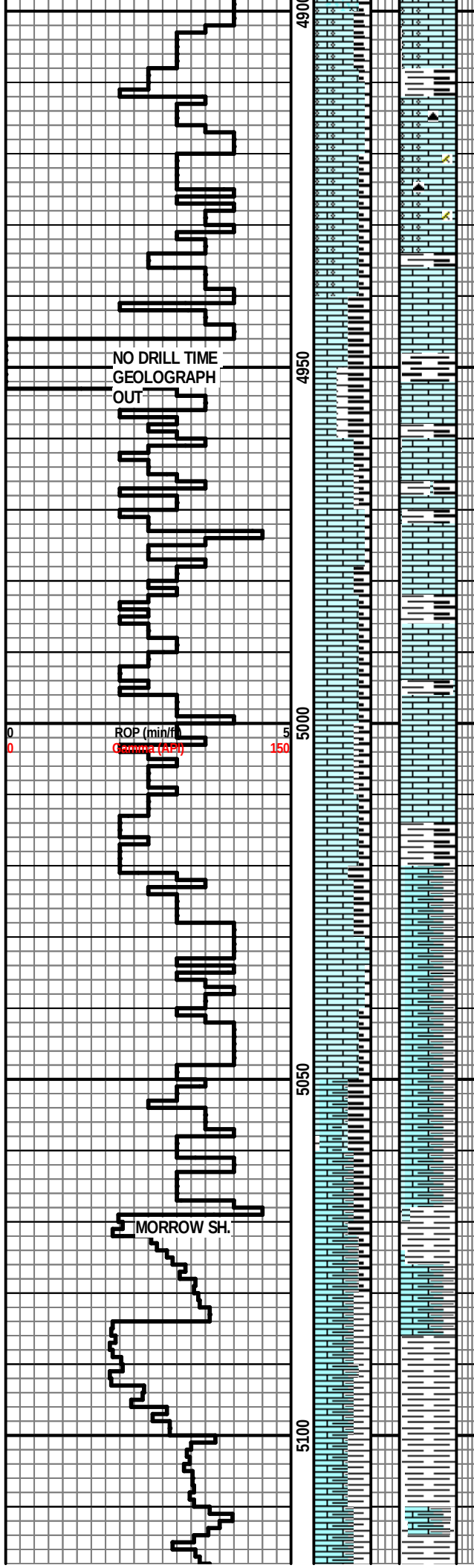
CFS 4830

LS: OFF WHT TO TAN VFXLN CHLKY
OOLITIC WITH OCCAS CHERT TRS
GLAC

LS: TAN LT BRN MOST SILIC APPEAR
MICROXLN HD DENSE

SH:DK GY TO BLK F TEXT FIRM BLKY
CARB IP
LS: TAN LT BRN MICROXLN WITH SME
IMBEDDED OOLITES OCCAS CHERT
TRS SPARRY





SH:DK GY TO BLK F TEXT FIRM BLKY CARB IP

LS:TAN LT BRN MICROXLN WITH SME IMBEDDED OOLITES OCCAS CHERT TRS SPARRY

LS:TAN LT TO DK BRN MICROXLN HD DENSE CHERTY TRS FOSSIL FRAGS

SH:LT TO DK GY SME GY/GN MOST FINE TEXT FIRM BLKY WITH TRS MICRO PYR SME LT GN VF GRAINY SLI SNDY TEXT

LS:BUFF TAN LT BRN MICROXLN SLI MICRO FRACTURED SME PIECES FINELY OOLITIC

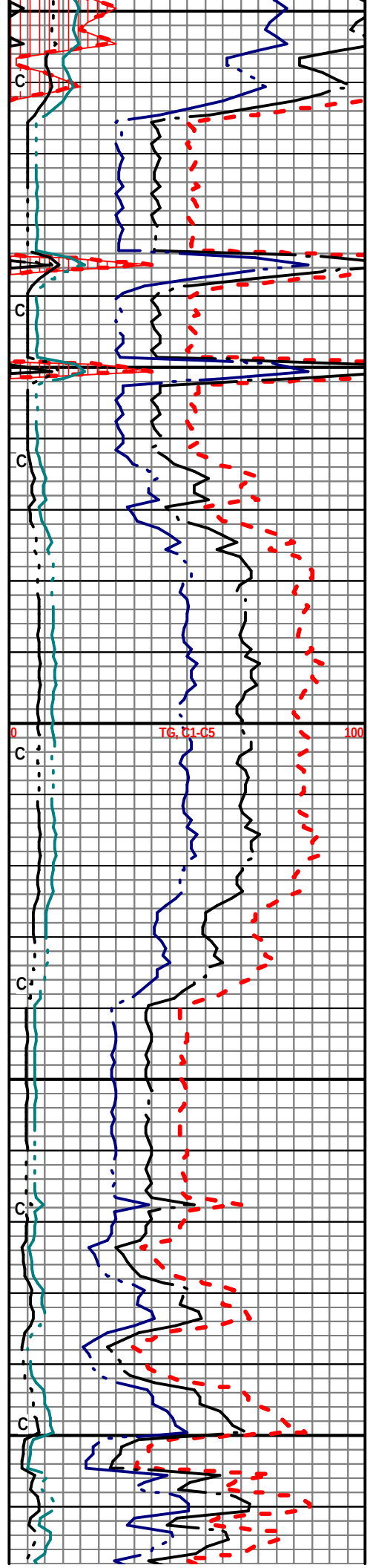
SL: TAN TO LT BRN MICROXLN HD DENSE SLI FRACTURED WITH SME OFF WHT TO CREAM VFXLN CHLKY SFT

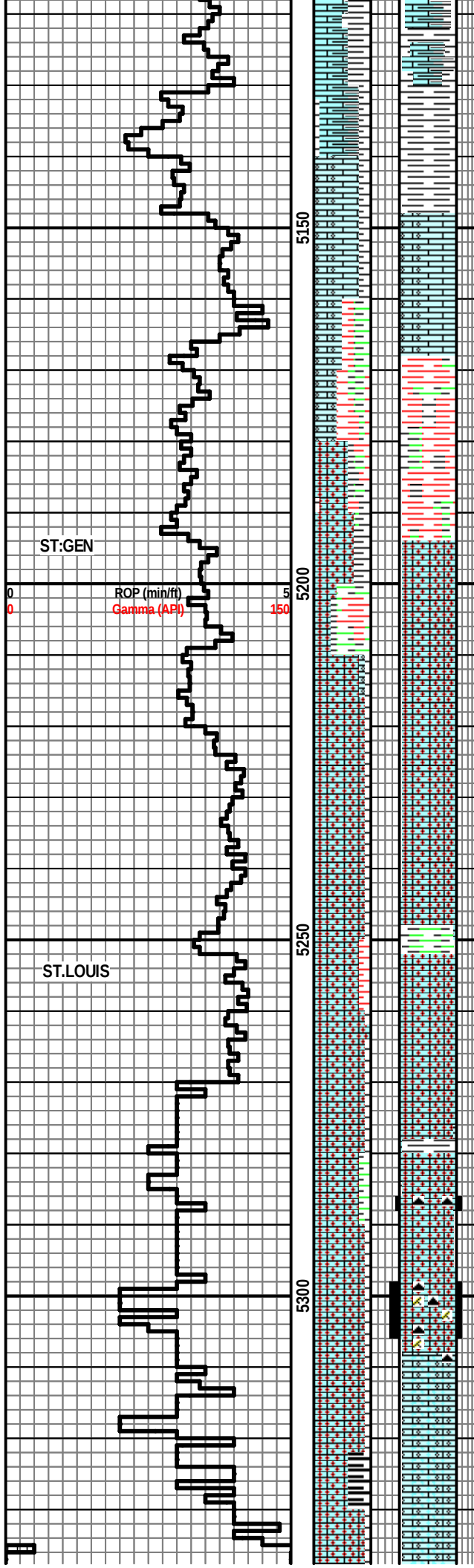
LS: LT TO DK GY SME DK GY VFXLN SLI CHLKY APPEAR SHALY IP

SH: LT GY FINE TO SLI SILTY TEXT MOST PLTY TRS MICDRO PYR

LS: DK BRN VFXLN MOD ST EARTHY

SH: LT GY FINE TO SLI SILTY TEXT MOST PLTY TRS MICDRO PYR





LS: DK BRN VFXLN MOD ST EARTHY

SH: LT GY FINE TO SLI SILTY TEXT
MOST PLTY TRS MICDRO PYR

LS: OFF WHT TAN MICROXLN ABUND
OOLITIC HD DENSE

SH: RUST BRN LT GY GY/GN REDDISH
BRN/GY MOTT FINE TEXT FIRM PLTY
TO SPLINTERY

LS: OFF WHT TAN MICROXLN
ARCOSICABUND OOLITIC HD DENSE

SH: RUST BRN LT GY GY/GN REDDISH
BRN/GY MOTT FINE TEXT FIRM PLTY
TO SPLINTERY

LS: OFF WHT TAN MICROXLN
ARCOSICABUND OOLITIC HD DENSE

CFS 5270
LS: OFF WHT TAN MICROXLN
ARCOSICABUND OOLITIC HD DENSE

LS:LT BRN MICROXLN HD DENSE
FRACTURED QABUND OOLITES SME
CFS 5290 LAR POR BRIGHT GOLD
FLUOR SME WITH PALE BLUE FLASH
CUT SME YELLOW GN STREAMING
LS:LT BRN MICROXLN WITH SUGARY
BUFF TO CREAM MTX WITH ABUND
IMBEDDED OOLITES FAIR TO GOOD
OOLICASTIC VUGULAR POR FAIR
FRACTURED POR BRIGHT YELLOW
FLUOR MILKY YELLOW STREAMING
CUT STRONG SWEET ODOR

CFS 5322

LS: OFF WHT TAN MICROXLN
ARCOSIC ABUND OOLITIC HD DENSE

