



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

Well Name: MOSBARGER B-2
Location: SW, NE, SE, SE Sec. 9 - 28S - 33W Haskell Co., KS
License Number: 15-081-22033-0000
Spud Date: 09/05/13
Surface Coordinates: 738' FSL, 369' FEL
Region: Wildcat
Drilling Completed: 09/09/13

Bottom Hole
Coordinates:
Ground Elevation (ft): 2981' K.B. Elevation (ft): 2992'
Logged Interval (ft): 4000' To: 5706' Total Depth (ft): 5706'
Formation: MARMATON, CHESTER
Type of Drilling Fluid: Chemical Mud

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

OPERATOR

Company: OXY USA, INC.
Address: 5 E. Greenway Plaza
Houston, TX 77227-7570
Co. Geo: Ms. Andrea Howson

GEOLOGIST

Name: Justin D. Carter
Company: EARTH TECH OGL, INC.
Address: P.O. Box 683
Hooker, OK 73945
Office: 580-652-3924; Cell: 620-655-1187

Comments

Drilling Contractor: Aztec Well Servicing Co., Inc.
Tool Pusher: Christopher James Baugh
DSM: Mark Bonner

8 5/8" surface casing set at 1604'

Mud: Mi SWACO

Open-Hole Loggers: Halliburton Energy Services

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
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OIL SHOWS

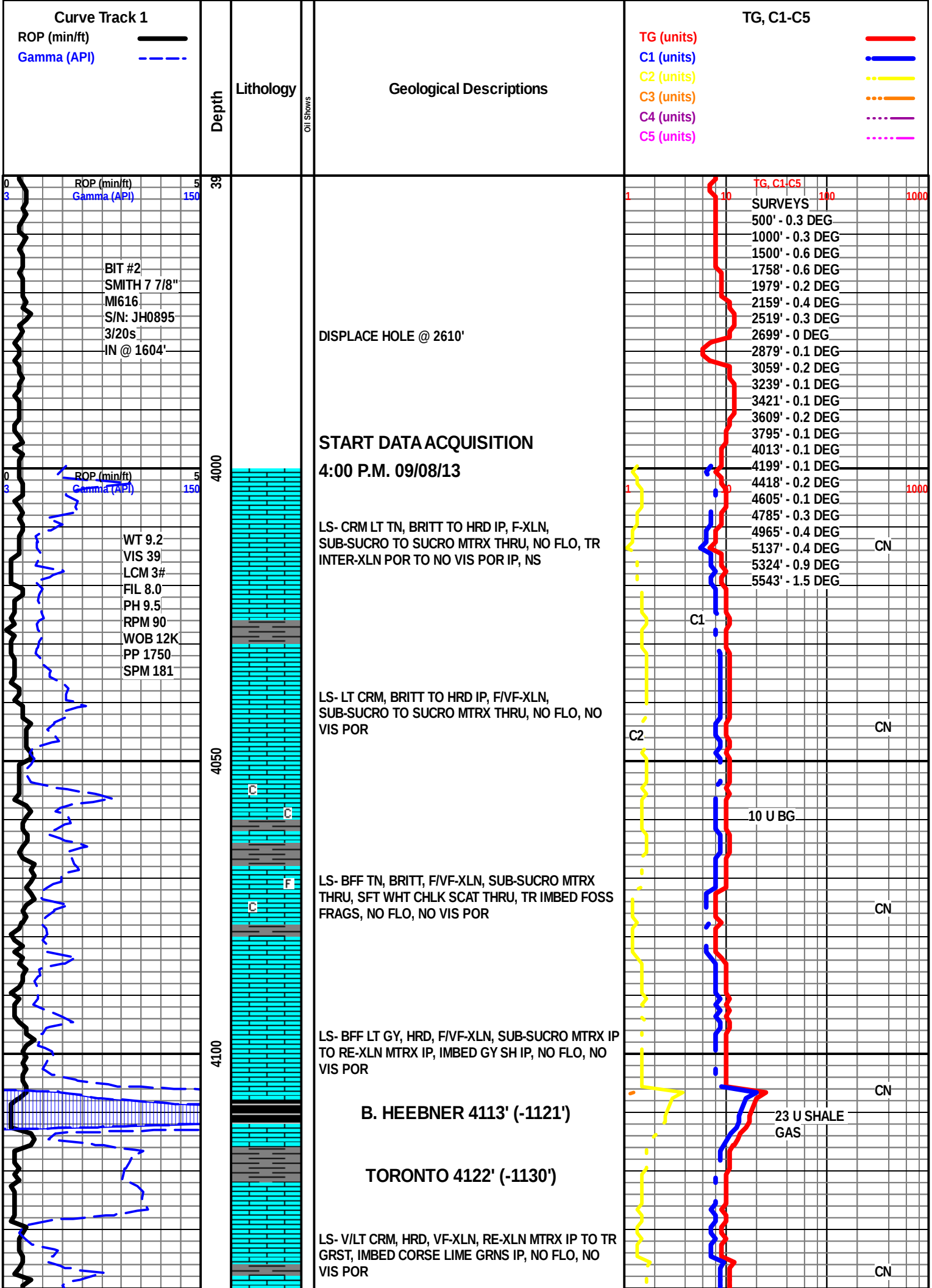
	Even
	Spotted
	Ques
	Dead
	Gas show

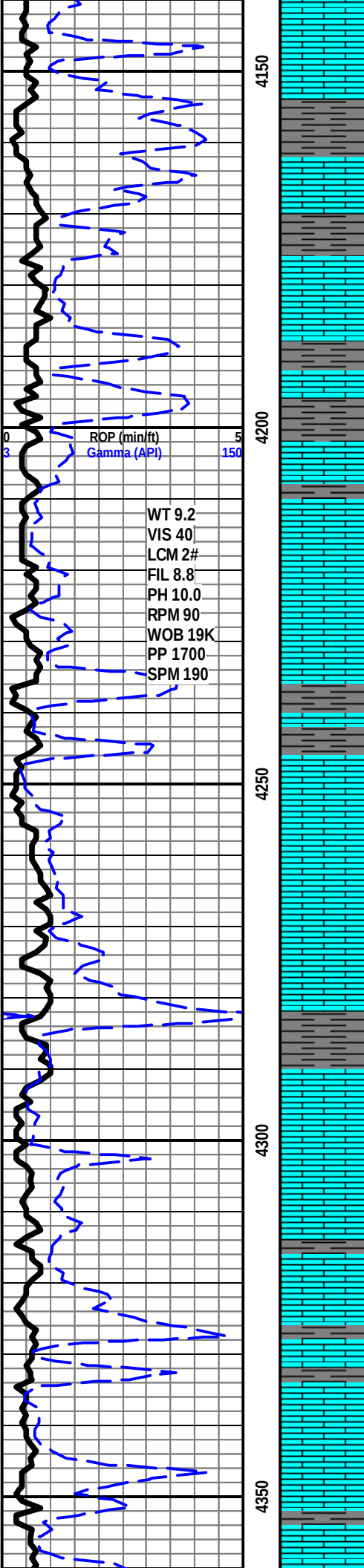
INTERVALS

	Core
	Dst
	Dst

EVENTS

	Rft
	Sidewall





LS- BFF LT GY, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR IMBED GY SH, NO FLO, NO VIS POR

INTERBED DK GY GRN SH & LS- TN, HRD DNS, VF-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO, NO FLO, NO VIS POR

LANSING 4202' (-1210')

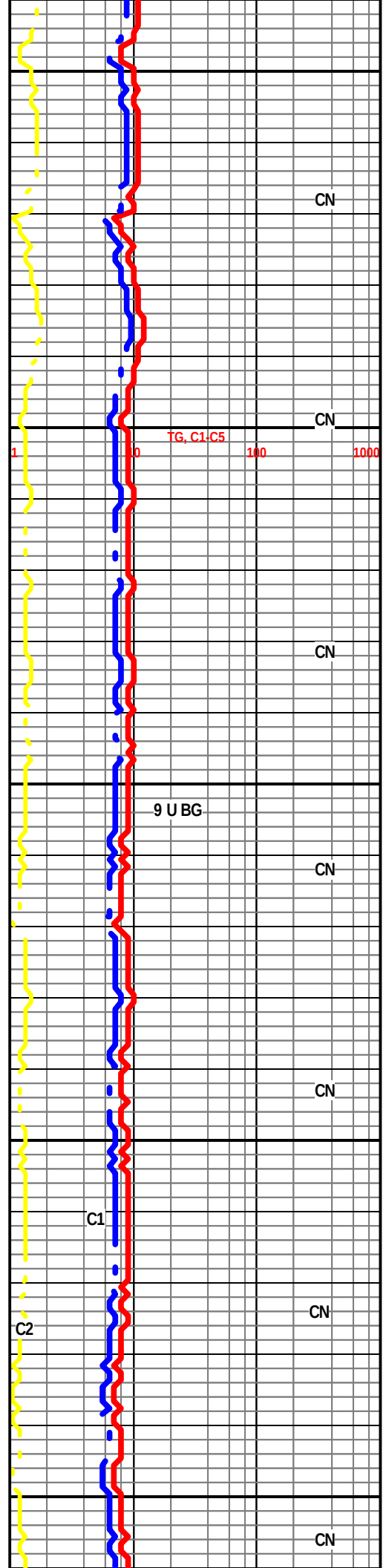
LS- CRM, HRD DNS TO BRITT IP, VF-XLN, RE-XLN MTRX IP TO SUB-SUCRO MTRX IP, NO FLO, NO VIS POR

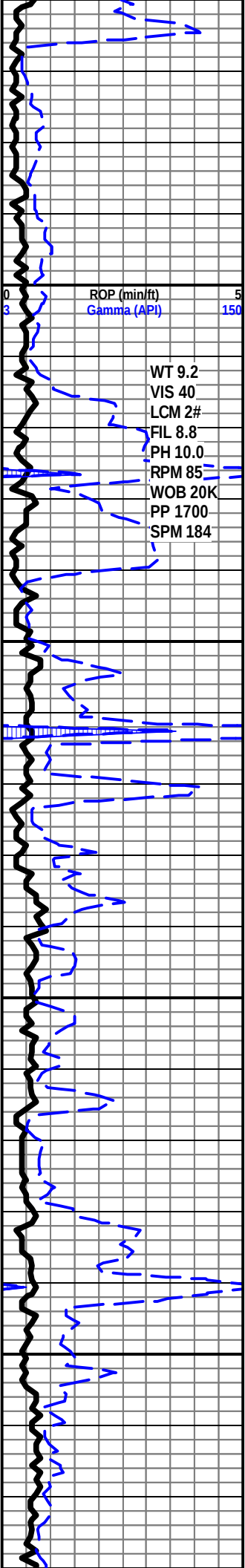
LS- OFF WHT LT CRM, HRD TO BRITT IP, MD/F-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO MTRX, TR WHT CHRT, NO FLO, FR INTER-XLN POR IP TO NO VIS POR IP, NS

LS- OFF WHT, BRITT, VF-XLN, RE-XLN MTRX IP TO TR SUB-CHLKY, TR IMBED GY SH, NO FLO, NO VIS POR

LS- CRM GY, HRD, VF-XLN, RE-XLN MTRX IP TO TR SUB-SUCRO MTRX, NO FLO, NO VIS POR

LS- BFF, HRD DNS, VF-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR





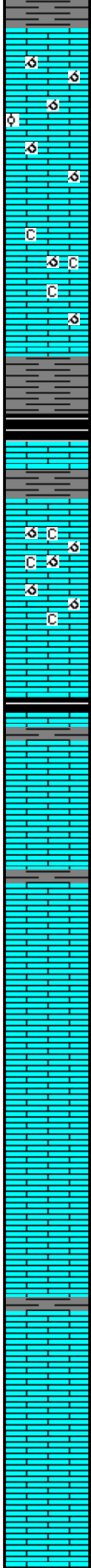
4400

4450

4500

4550

WT 9.2
VIS 40
LCM 2#
FIL 8.8
PH 10.0
RPM 85
WOB 20K
PP 1700
SPM 184



LS- LT TN, BRITT, F-XLN, SUCRO MTRX THRU TO TR
GRST, OOLICASTS IP, TR IMBED OOL, NO FLO, PR
OOMLD POR IP TO FR INTER-XLN POR IP, NS

LS- OFF WHT, BRITT, F-XLN, SUCRO MTRX THRU,
SFT WHT CHLK THRU, TR OOLICASTS, NO FLO,
PR/FR OOMLD POR IP, NS

LS- BFF TN, BRITT, F-XLN, SUCRO MTRX THRU, SM
OOLICASTS THRU, SFT WHT CHLK IP, NO FLO, NO
VIS CUT, FR OOMLD POR SCAT THRU, NO ODOR

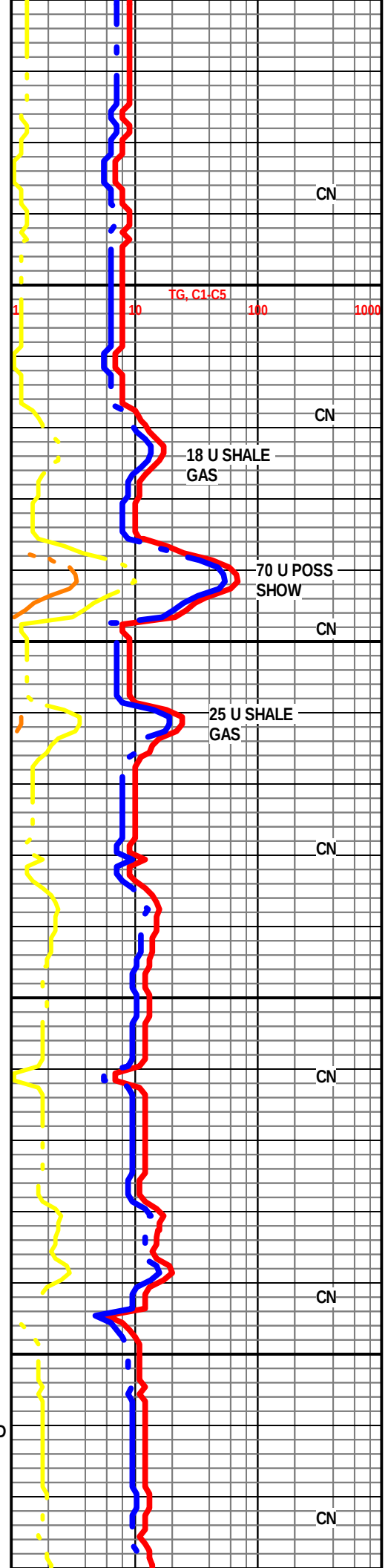
LS- GY, HRD, F/VF-XLN, RE-XLN MTRX IP TO TR
SUB-CHLKY, NO FLO, NO VIS POR

12:00 A.M. 09/09/13

LS- LT GY, HRD DNS, VF-XLN, RE-XLN MTRX IP, TR
IMBED OOL, NO FLO, NO VIS POR

LS- LT GY, HRD DNS, VF-XLN, RE-XLN MTRX IP, NO
FLO, NO VIS POR

LS- LT TN GY, HRD TO BRITT IP, VF-XLN,
SUB-SUCRO MTRX IP TO RE-XLN MTRX IP, TR IMBED
GY SH, NO FLO, NO VIS POR



CN

TG, C1-C5

CN

18 U SHALE
GAS

70 U POSS
SHOW

CN

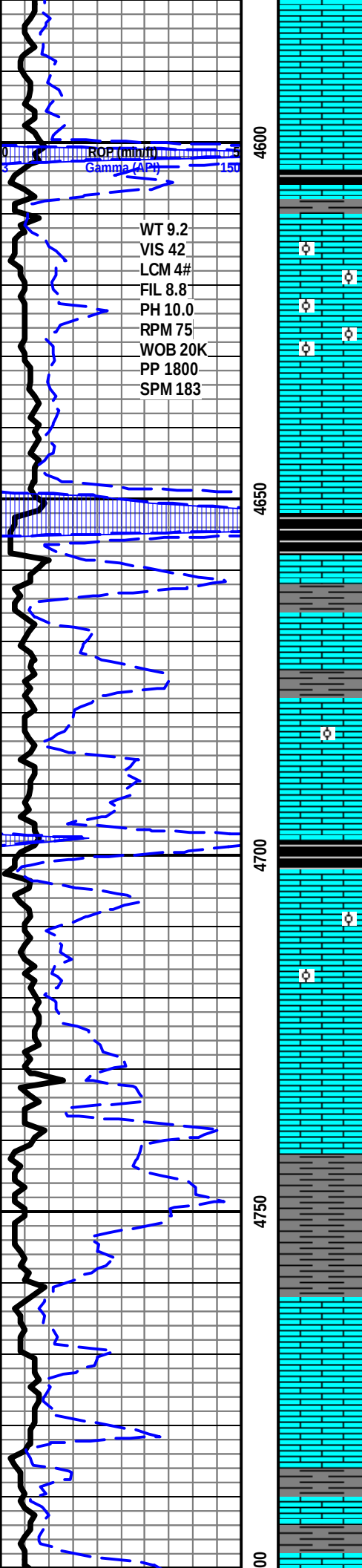
25 U SHALE
GAS

CN

CN

CN

CN



LS- LT TN, HRD TO BRITT IP, VF-XLN, RE-XLN MTRX IP TO SUB-SUCRO MTRX IP, NO FLO, NO VIS POR

SWOPE 4611' (-1619')

LS- WHT LT GY, BRITT, VF-XLN, SUB-SUCRO MTRX THRU TO TR SUB-CHLKY, IMBED OOL IP, NO FLO, NO VIS POR

LS- LT GY, HRD, VF-XLN, SUB-SUCRO MTRX THRU, NO FLO, NO VIS POR

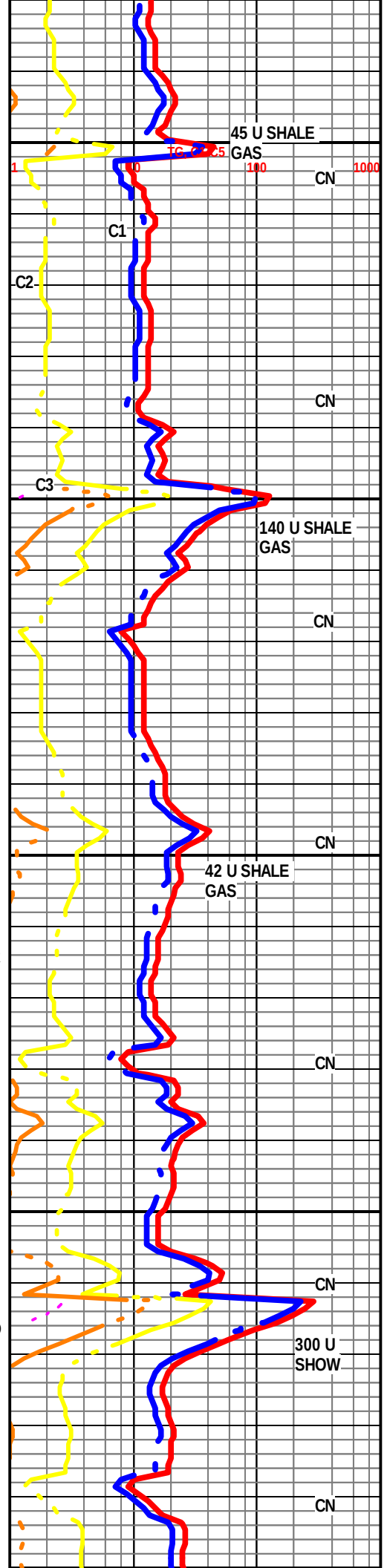
LS- OFF WHT, HRD, VF-XLN, SUB-SUCRO MTRX IP TO RE-XLN MTRX IP TO TR GRNST, TR IMBED OOL, NO FLO, NO VIS POR

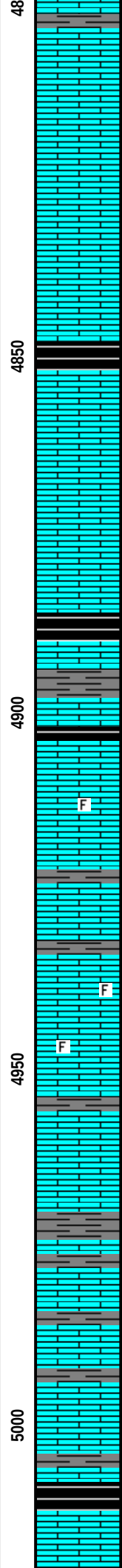
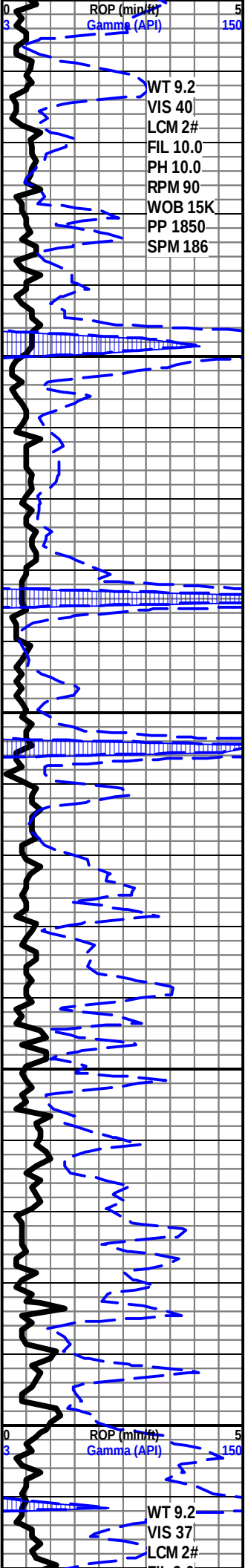
LS- TN GY, HRD, VF-XLN, SUCRO MTRX THRU TO TR RE-XLN, IMBED OOL SCAT THRU, NO FLO, TR INTER-XLN POR TO NO VIS POR IP, NS

LS- GY DK GY, HRD, VF-XLN, RE-XLN MTRX IP, IMBED GY SH IP, NO FLO, NO VIS POR

MARMATON 4761' (-1769')

LS- RDISH CRM, BRITT, VF-XLN, RE-XLN MTRX IP TO SUB-SUCRO MTRX IP TO TR SUB-CHLKY, TR YEL FLO, NO VIS CUT, TR INTER-XLN POR TO NO VIS POR IP, NO ODOR





LS- TN, HRD, VF-XLN, SUB-SUCRO MTRX THRU TO TR GRNST, NO FLO, NO VIS POR

LS- CRM TN GY, HRD, F/VF-XLN, RE-XLN MTRX THRU, TR IMBED GY SH, NO FLO, NO VIS POR

LS- TN GY, HRD DNS, VF-XLN, RE-XLN MTRX THRU, NO FLO, POSS FRAC POR TO NO VIS POR THRU, NS

LS- LT TN BFF, HRD DNS TO BRITT IP, VF-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

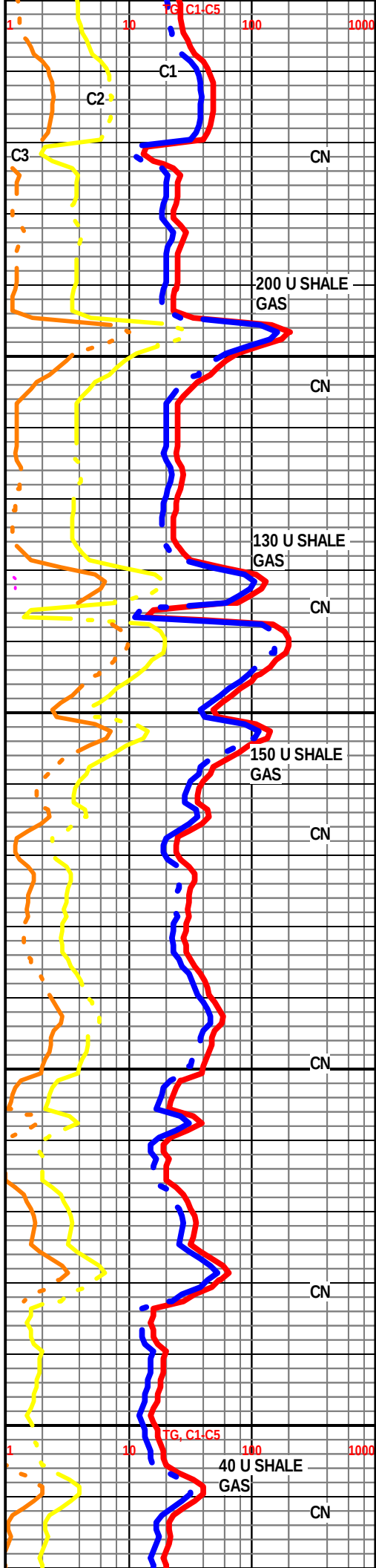
CHEROKEE SH 4902' (-1910')

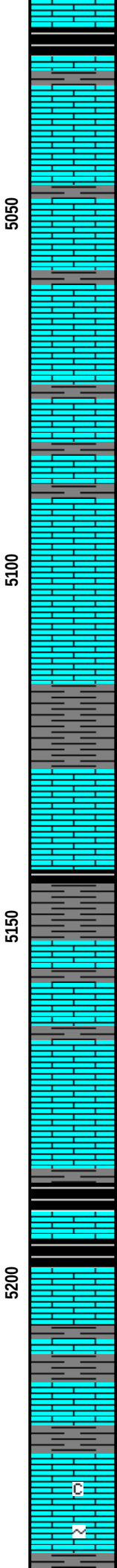
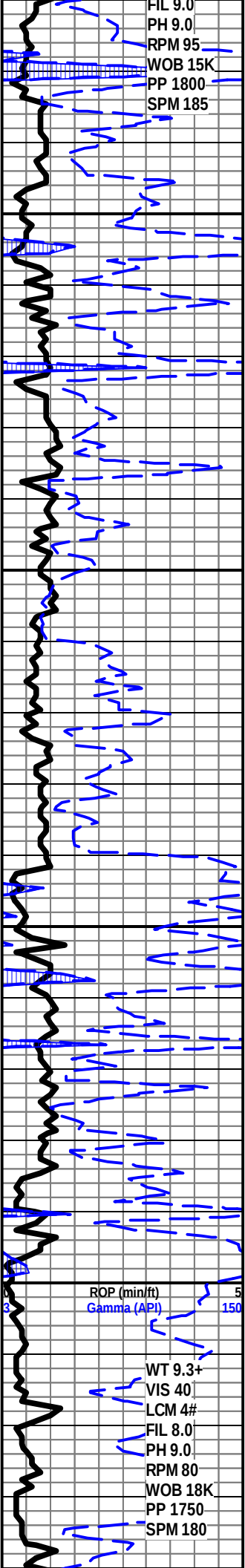
LS- GY TN, MOTT, HRD, F/VF-XLN, SUB-SUCRO MTRX THRU TO TR RE-XLN MTRX TO TR SUB-CHLKY, IMBED GY SH IP, TR IMBED FOSS FRAGS, NO FLO, NO VIS POR

LS- GY TN, HRD, VF-XLN, RE-XLN MTRX IP, IMBED FOSS FRAGS IP, NO FLO, NO VIS POR

LS- GY, HRD DNS, VF-XLN, SUB-SUCRO MTRX IP TO TR RE-XLN MTRX, TR IMBED DK GY SH, NO FLO, NO VIS POR

LS- BFF TN, HRD DNS, VF-XLN, RE-XLN MTRX THRU, NO FLO, NO VIS POR





LS- BRN TN, HRD DNS, VF-XLN, RE-XLN MTRX THRU, NO FLO, NO VIS POR

LS- BRN, HRD DNS TO BRITT IP, F/VF-XLN, RE-XLN MTRX IP TO TR SUB-CHLKY, NO FLO, NO VIS POR

LS- TN BRN, HRD DNS, VF-XLN, RE-XLN MTRX IP, IMBED FOSS FRAGS IP, NO FLO, NO VIS POR

LS- GY DK GY, HRD DNS, VF/CRYPTO-XLN, RE-XLN MTRX IP, NO FLO, NO VIS POR

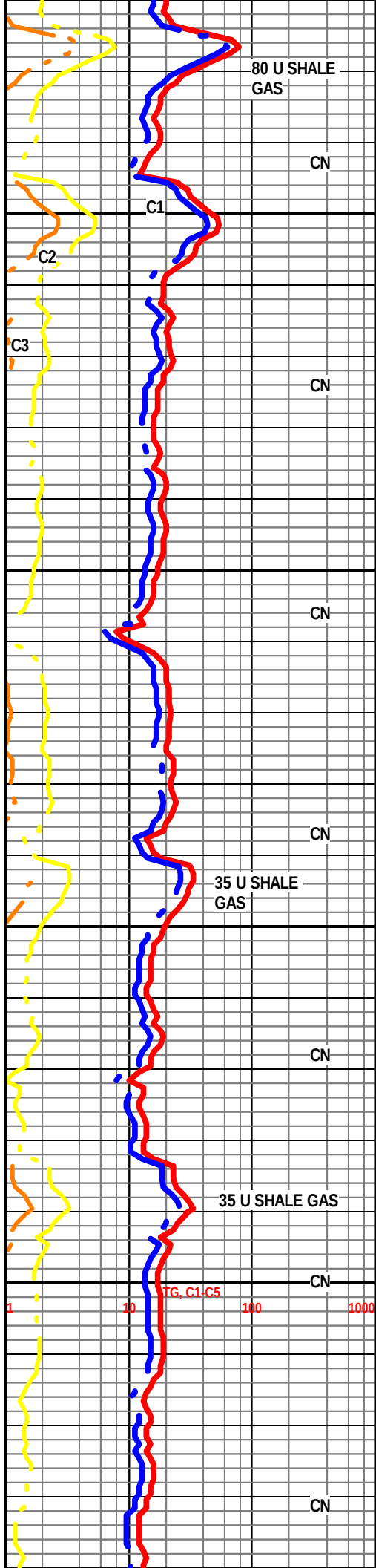
LS- BRN TN, HRD TO BRITT IP, VF-XLN, RE-XLN MTRX THRU TO TR SUB-CHLKY, TR IMBED DK GY SH, NO FLO, NO VIS POR

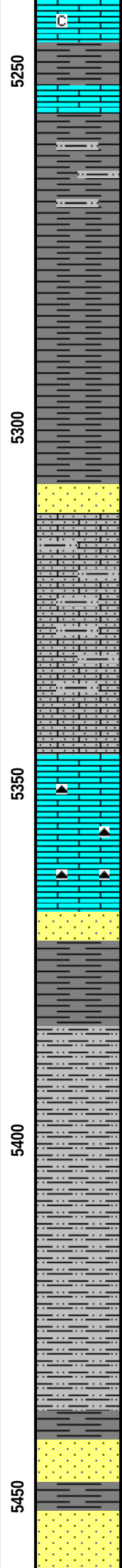
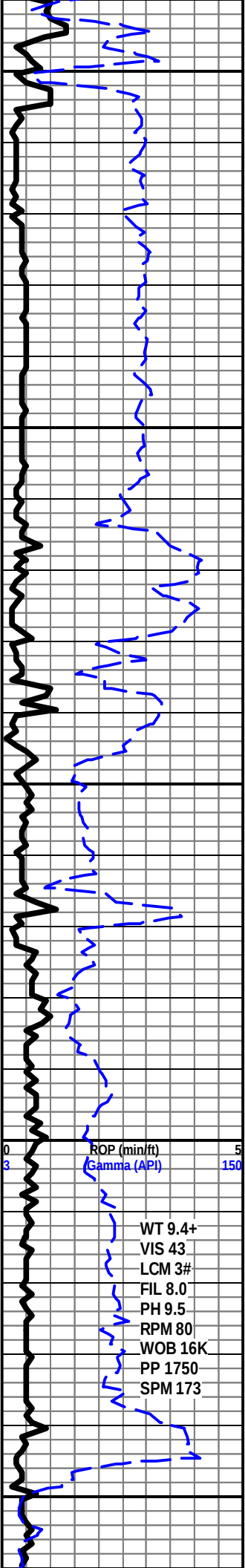
LS- LT GY, BRITT TO HRD IP, VF-XLN, RE-XLN MTRX THRU, NO FLO, NO VIS POR

MORROW 5190' (-2198')

LS- DK GY GY WHT, MOTT, BRITT TO HRD IP, F/VF-XLN, RE-XLN MTRX THRU TO TR SUB-CHLKY, IMBED DK GY SH IP, NO FLO, NO VIS POR

LS- WHT, BRITT, VF-XLN, SUB-SUCRO MTRX THRU TO TR SUB-CHLKY, TR GLAUC, TR SFT WHT CHLK, NO FLO, NO VIS POR





NO FLO, NO VIS POR

SH- DK GY BLK, FRM TO SFT IP, BLKY, SLTY, SLTST IP

SH- DK GY BLK, SFT, SLTY IP TO LMY IP, BLKY

SS- GRN, TT TO FRI IP, F-GRNS, GD SRT, SUB-ANG GRNS, CALC CMNT, ABDT GLAUC THRU, NO FLO, NO VIS CUT, PR/FR INTER-GRN POR SCAT THRU, NS

SLTY SNDY LS- GY DK GY, HRD TO BRITT IP, VF-GRNS, SUCRO MTRX THRU, SLTST IP, SLI SNDY IP, TR GLAUC, TR IMBED GY SH, NO FLO, PR INTER-XLN POR IP, NS

LS- GY, HRD DNS, CRYPTO-XLN, RE-XLN MTRX IP, LIME GRN CHRT IP, NO FLO, NO VIS POR

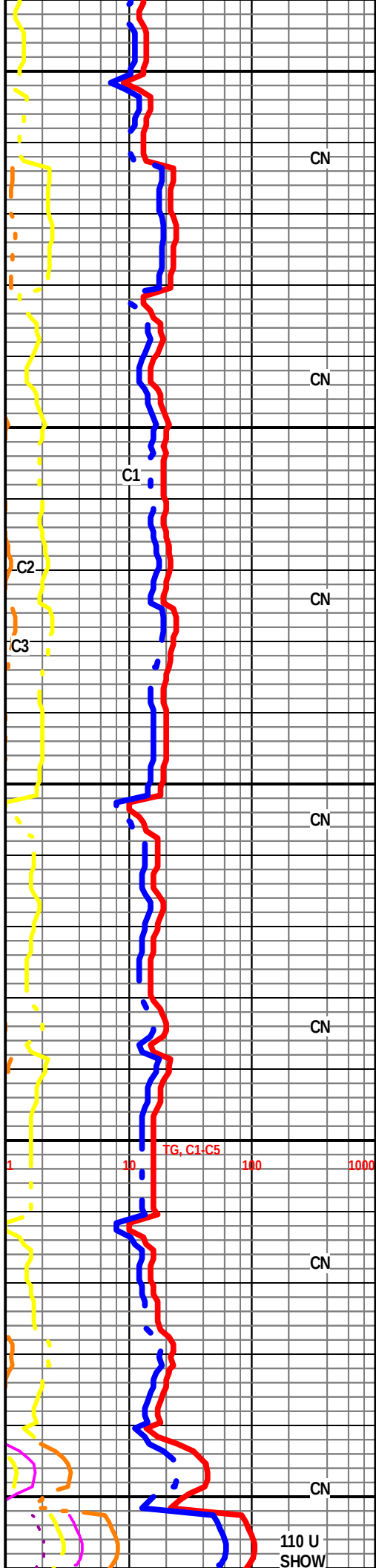
SS- WHT FRSTY LT GY, FRI TO TT IP, MD/VF-GRNS, PR SRT, SUB-ANG TO RND GRNS, SILI CMNT, TR IMBED GY SH, NO FLO, NO VIS CUT, FR INTER-GRN POR SCAT THRU, NO ODOR

SLTST- GY DK GY, FRI, F-GRNS, DISS BLK SH IP, NO VIS POR

SLTST- GY, FRI TO TT IP, VF-GRNS, TR LMY, NO VISPOR

SS- WHT GY, TT, F-GRNS, GD SRT, SUB-RND GRNS, SILI CMNT, TR SFT WHT CHLK, TR IMBED GY SH, NO FLO, NO VIS CUT, PR INTER-GRN POR THRU

SS- CLR FRSTY, FRI, CORSE/MED GRNS, FR SRT, SUB-RND GRNS, SILI CMNT, TR IMBED DK GY SH, LCCSE AND GRNS IN TRAY, BLUVEL FLO SCAT



110 U
SHOW

LOOSE SND GRNS IN TRAY, BLU YEL FLO SCAT
THRU, GD FLUSH TO FAINT SLO BLU STRM CUT, GD
INTER-GRN POR THRU, BLK/TN STAIN IN 60%, FR
ODOR, N.S.F.O.

SH- DK GY BLK, FRM, BLKY, SLTY TO TR LMY

SH- A/A

LS- OFF WHT LT CRM, BRITT, VF-XLN, SUCRO MTRX
THRU, IMBED OOL SCAT THRU, NO FLO, PR
INTER-XLN POR SCAT THRU TO TR INTER-OOL POR,
NS

ST. GEN 5546' (-2554')

SNDY LS- GY, HRD TO BRITT IP, F-XLN, SUCRO
MTRX THRU, IMBED OOL IP, NO FLO, PR/FR
INTER-XLN POR SCAT THRU, NS

ST. LOUIS 5587' (-2595')

LS- OFF WHT CRM, BRITT, VF-XLN, RE-XLN MTRX IP
TO SUB-CHLKY MTRX IP, IMBED OOL IP, NO FLO, NO
VIS POR

LS- BFF WHT, BRITT TO HRD IP, F/VF-XLN, SUCRO
MTRX IP TO RE-XLN MTRX IP TO TR SUB-CHLKY,
IMBED OOL IP, TR OPQ CHRT, NO FLO, NO VIS POR

LS- TN WHT, BRITT, VF-XLN, RE-XLN MTRX IP, IMBED
OOL SCAT THRU, NO FLO, PR INTER-OOL POR SCAT
THRU, NS

LS- LT GY OFF WHT, BRITT TO HRD IP, VF-XLN,
RE-XLN MTRX IP, IMBED OOL IP, NO FLO, NO VIS
POR

