



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

Well Name: CASTELLI EXPLORATION, INC. DUNN #1-25 SWD
Location: SEC. 25-T33S-R17W COMANCHE COUNTY, KANSAS
Licence Number: 15-033-21747-00-00 Region: USA
Spud Date: 02-11-2014 Drilling Completed: 02-24-2014
Surface Coordinates: 1650' FNL
2310' FEL
Bottom Hole 1650' FNL
Coordinates: 2310' FEL
Ground Elevation (ft): 1836' K.B. Elevation (ft): 1848'
Logged Interval (ft): 3900' To: 6150' Total Depth (ft): 6150'
Formation: MISSISSIPPIAN; ARBUCKLE
Type of Drilling Fluid: CHEMICAL

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

OPERATOR

Company: CASTELLI EXPLORATION, INC.
Address: 6908 NW 112th STREET
OKC, OK 73162

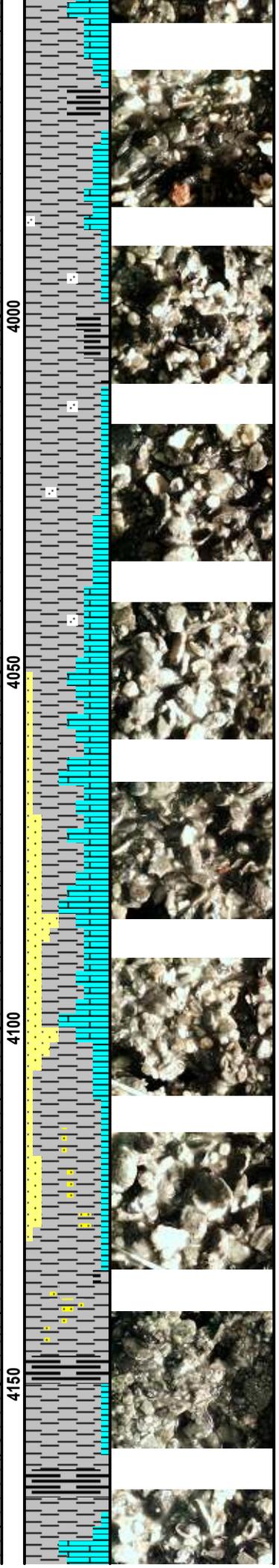
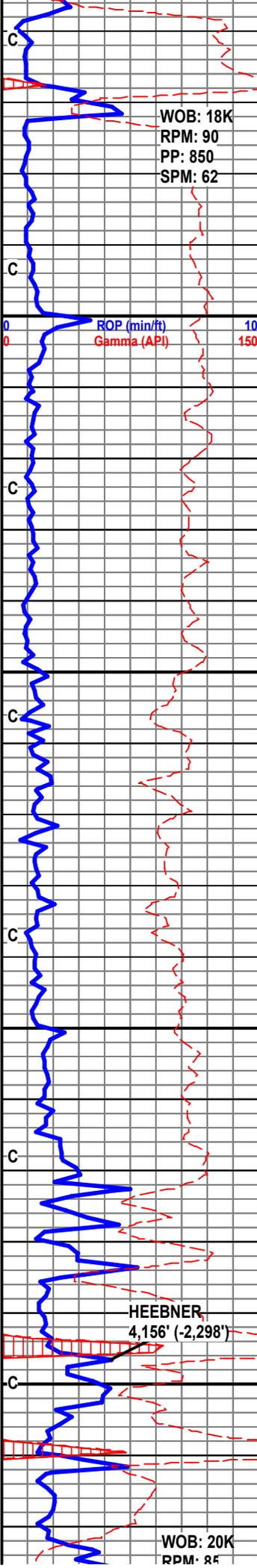
GEOLOGIST

Name: CAMERON CASTELLI
Company: CASTELLI EXPLORATION, INC.
Address: 6908 NW 112th STREET
OKC, OK 73162

Comments

LOGGER: PERRY WALTERS

DRILLING CONTRACTOR:
DUKE DRILLING COMPANY
RIG: 6
100 SOUTH MAIN



LS-BUFF, VF-FN XLN-MICROXLN
SME CRM, FRM, DNS, SM GRAN
POR, TR MOTT IP, SH-MED-DK
GRY-BLK, VF-FN TXT, SNDY, MOD
FRM, PLTY-BLKY, SM CALC, SLI T
FREE STND PYR, TR CARB, SM
YEL FLU IP, NO VIS WET CUT OR
STN

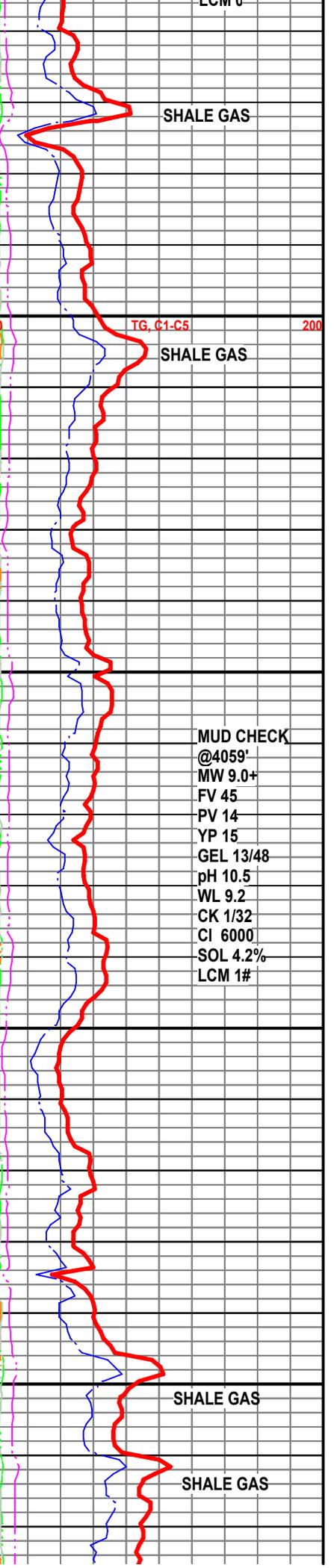
SH-MED-DK GRY-BLK, VF-FN TXT,
SLI TR SNDY, MOD FRM, PLTY, TR
BLKY, SM CALC, TR FREE STND
PYR, CARB-V CARB IP, LS-
BUFF-CRM, VF-FN XLN, SM
MICROXLN, FRM, DNS, SM GRAN
POR, SM MOTT IP, SM YEL FLU, NO
VIS WET CUT OR STN

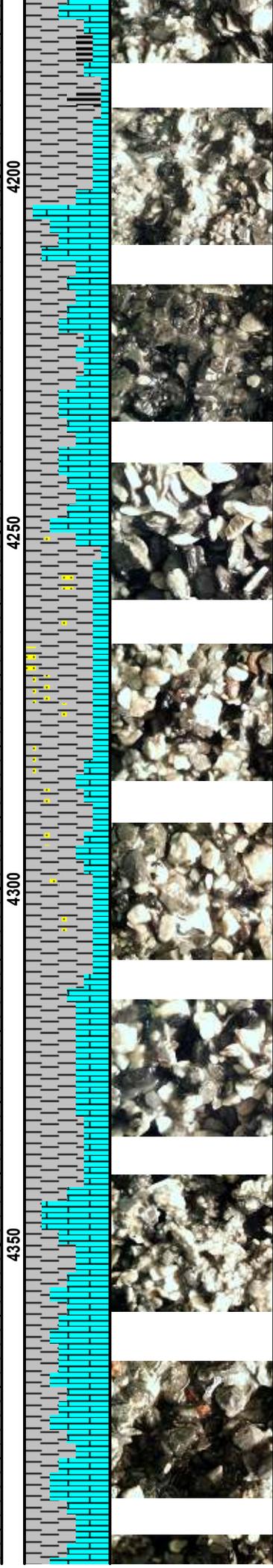
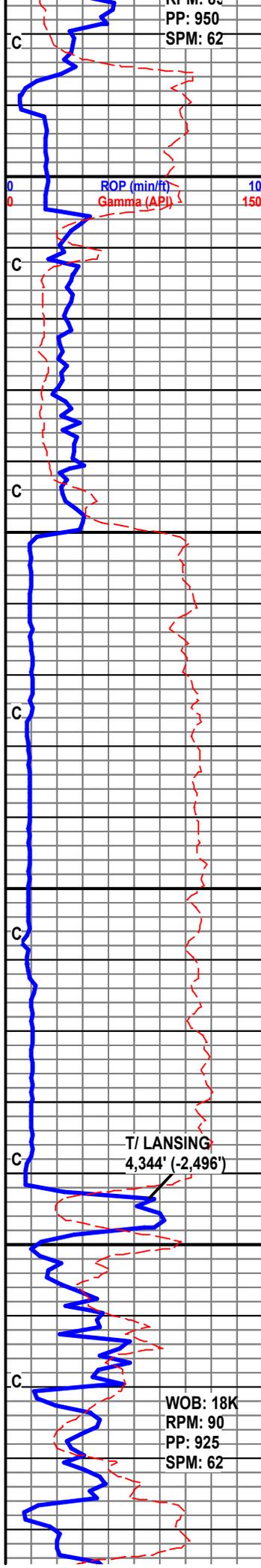
SH-MED-DK GRY-BLK, VF-FN TXT,
SNDY, MOD FRM, PLTY-
BLKY, SM CALC, CARB, W/ SM
LS-CRM-BUFF, VF-FN XLN
MICROXLN, FRM, DNS-MOD DNS,
SM MOTT, SM YEL FLU IP, NO VIS
WET CUT OR STN

SH-MED-DK GRY-BLK, VF-FN TXT,
SNDY, MOD FRM, PLTY-
BLKY, SM CALC, TR FREE STND
PYR, TR CARB, W/ SM SM SS-LT
GRY-CRM, VF-FG, RND-ANGL,
CNLSTD, FRLY WELL SRTD, TT,
BUFF-CRM, VF-FN XLN MICRO XLI
FRM, DNS, SM GRAN POR, SM
MOTT, YEL-DULL YEL FLU, NO VIS
WET CUT, NOSTN OR OD

SH-MED-DK GRY-BLK, VF-FN TXT,
SLI TR SNDY, MOD FRM, PLTY, TR
BLKY, SM CALC, TR FREE STND
PYR, TR CARB, LS-BUFF, VF-FN
XLN TO MICROXLN, FRM, DNS, SM
GRAN POR, SM MOTT, SM YEL
FLU, NO VIS WET CUT OR STN

SH-MED-DK GRY-BLK, VF-FN TXT,
TR SNDY, MOD FRM, PLTY, SM
BLKY, TR SPLNTY, TR CALC,
CARB, W/ LS-BUFF, OFF WHT,
VF-FN XLN-MICROXLN, FRM, DNS,
SM GRAN POR, SM MOTT, SM YEL
FLU, NO VIS WET CUT OR STN





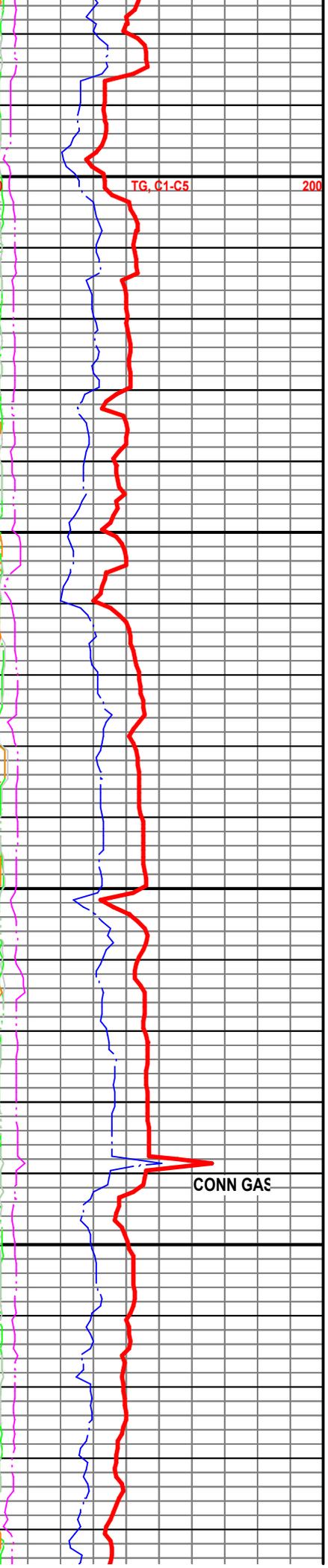
SH-MED-DK GRY-BLK, VF- FN TXT,
TR SNDY, MOD FRM, FRM, PLTY,
SM BLKY, SM CALC, SM CARB, W/
TR LS-BUFF, OFF WHT, VF-FN
XLN-MICROXLN, FRM, DNS, SM
GRAN POR IP, SM MOTT IP, TR YEL
FLU, NO VIS WET CUT OR STN

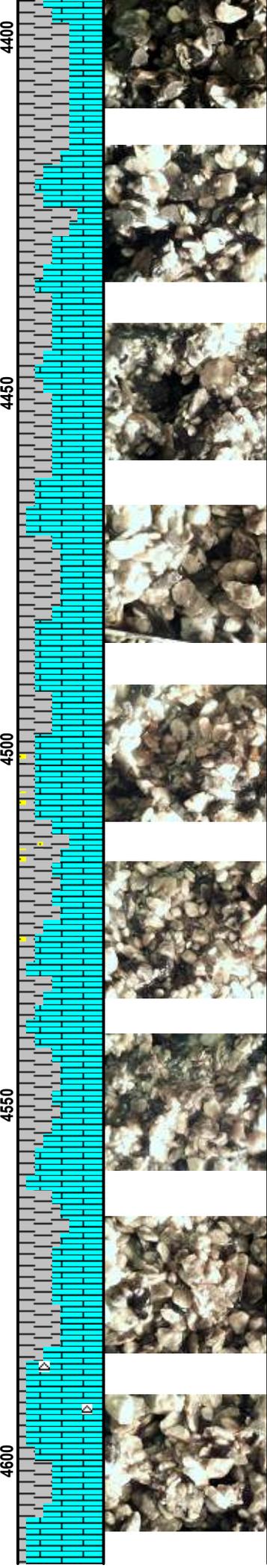
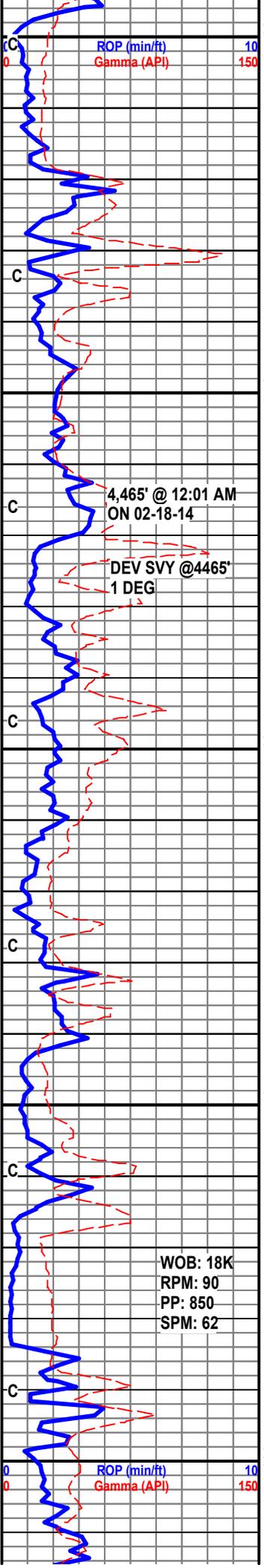
LS-CRM-BUFF, OFF WHT-TN, VF-F
XLN, MICROXLN, MOD FRM-FRM,
DNS, V DNS IP, SM MOD DNS, SLI
TR GRAN POR, SM MOTT IP, SH-L
GY-MED GRY, GY, SM DK GRY,
VF-FN TXT, TR SNDY, BLKY, TR
SPLNTY, CALC, TR CARB, DK
YEL-DULL YEL FLU, TR WHT,
YEL/GN BLUM WET CUT, NO STN,
TR OD

SH-LT-MED GRY, SM DK GRY,
VF-FN TXT, SM SNDY IP, MOD FRM
BLKY, SM CALC, TR CARB, W/ SM
LS- CRM-BUFF- OFF WHT, SLI TR
TN, VF-FN MICROXLN, MOD FRM,
FRM, DNS-MOD DNS, SLI TR GRAN
POR, SM MOTT, SM DK YEL FLU,
NO VIS WET CUT OR STN

SH-LT-MED GRY, SM DK GRY IP,
VF-FN TXT, SM SNDY, MOD FRM,
BLKY, SM CALC, TR CARB, W/ SM
LS- CRM-BUFF-OFF WHT, SLI TR
TN, VF-FN MICROXLN, MOD FRM,
FRM, DNS-MOD DNS, TR GRAN
POR, SM MOTT, SM DK YEL FLU,
NO VIS WET CUT OR STN

LS-CRM-BUFF, TN IP, VF-FN XLN-
MICROXLN, MOD FRM-FRM, DNS, V
DNS IP, SLI TR GRAN POR, SM
MOTT, W/ SCTTRD SH-LT-MED
GRY, GY, SM DK GRY, VF-FN TXT,
TR SNDY, BLKY, TR SPLNTY,
CALC, TR CARB IP, SM DK YEL-
DULL YEL FLU, NO VIS WET CUT,
NO STN, TR OD





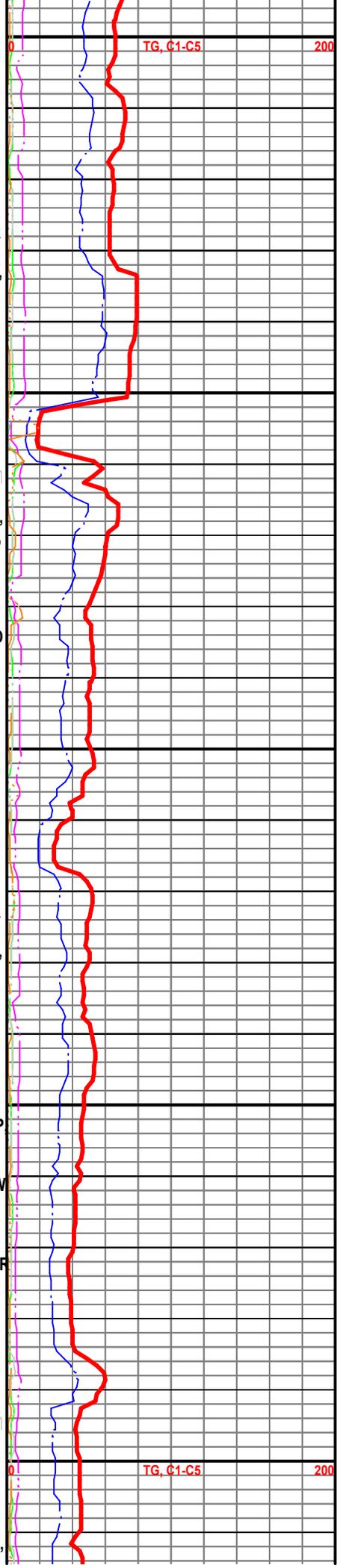
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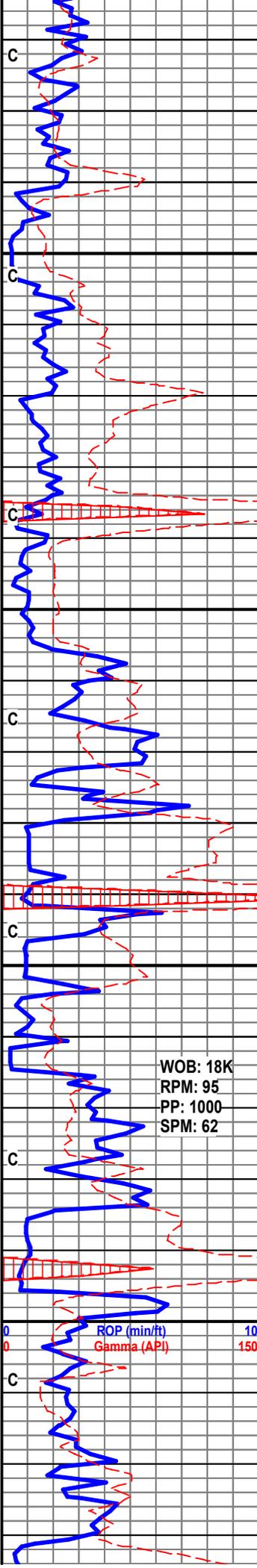
LS-CRM-BUFF-OFF WHT, TN, VF-FN XLN- MICROXLN, MOD FRM-FRM, DNS, V DNS IP, SLI TR GRAN POR, SM MOTT, W/TR SH-LT-MED GRY, GY, SM DK GRY, VF-FN TXT, TR SNDY, BLKY, TR SPLNTY, CALC, TR CARB IP, DK YEL- DULL YEL FLU W/TR BRT YEL FLU, NO VIS WET OR DRY CUT, NO STN OR OD

LS-CRM-BUFF, TN, OFF WHT, VF-FN XLN, MICROXLN, MOD FRM-FRM, DNS, V DNS, TR MOD DNS, TR GRAN POR, SM MOTT, SH-LT-MED GRY, GY, SM DK GRY, VF-FN TXT, TR SNDY IP, BLKY, TR SPLNTY, CALC, TR CARB, SM DK YEL-DULL YEL FLU, NO WET CUT, NO STN OR OD

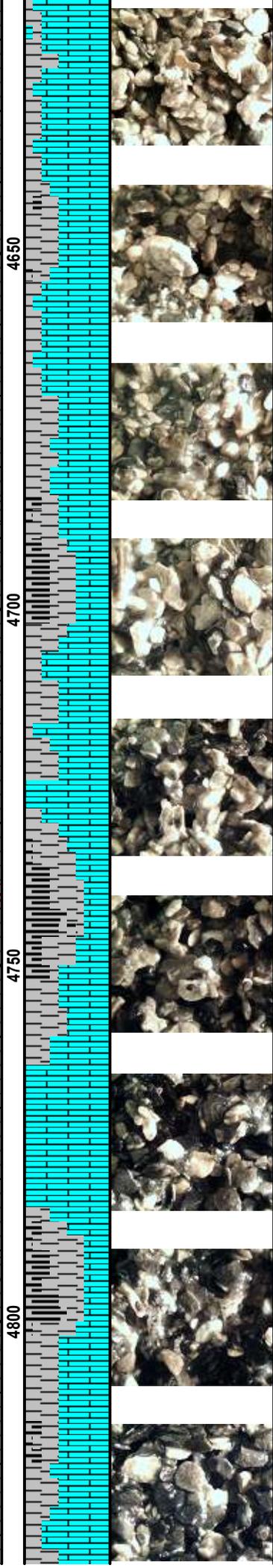
LS-CRM-OFF WHT-BUFF, SM TN IP VF-FN XLN-MICROXLN, MOD FRM-FRM, DNS, SM GRAN, TR MOTT IP, SLI TR PYR, SM ARGL, W SM SH-MED-MED DK GRY, VF-FN TXT, BLKY, SM CALC, TR CARB SCTTRD DK YEL-YEL FLU, SLI TR BRT YEL FLU, NO VIS WET CUT OR STN

LS-OFF WHT-CRM-BUFF, TN, VF-FN XLN, MICROXLN, MOD FRM-FRM, DNS, V DNS, TR MOD DNS, TR GRAN POR, SM MOTT, SLI TR WHT-OFF WHT CHRT, SLI TR SH-LT-MED GRY, GY, SM DK GRY, VF-FN TXT, SLI/TR SNDY IP, BLKY, TR SPLNTY, CALC, TR CARB SA





WOB: 18K
 RPM: 95
 PP: 1000
 SPM: 62



TR SPENTY, CALC, TR CARB, SM
 DK YEL-DULL YEL FLU, NO WET
 CUT, NO STN, NO TR OD

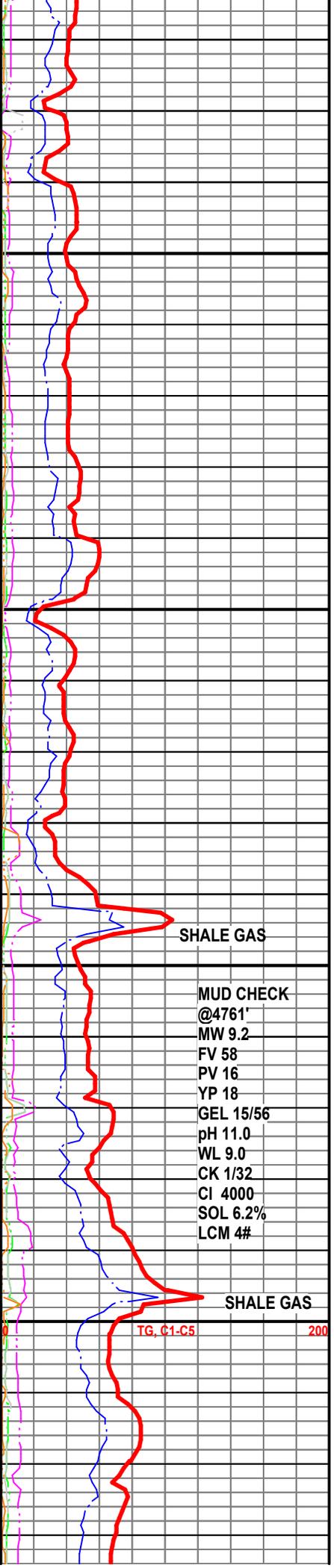
LS-CRM-BUFF, SM TN, TR OFF
 WHT, VF-FN MICRO XLN, MOD
 FRM-FRM, DNS-MOD DNS, SM
 GRAN POR IP, MOTT, TR ARGL,
 SH-MED-DK GRY, SM BLK IP, VF-
 FN TXT, BLKY, TR CALC, SM CARB
 IP, SCTTRD DK YEL-YEL FLU, SLI
 TR BRT YEL FLU, NO VIS CUT NO
 OD OR STN

LS-CRM-BUFF-OFF WHT, SM TN,
 SLI TR CHLKY, VF-FN XLN,
 MICROXLN, MOD FRM-FRM, DNS-V
 DNS, SM GRAN, MOTT IP, TR PYR,
 SM ARGL, W/ SLI TR SH-MED-MED
 DK GRY, VF-FN TXT, BLKY, SM
 CALC, TR CARB IP, SCTTRD DK-
 DULLYEL, TR GOLD YEL FLU, NO
 VIS WET CUT OR STN

LS-CRM-BUFF, SM TN, SLI OFF
 WHT, VF-FN XLN-MICROXLN,
 FRM-MOD FRM, DNS, SM GRAN,
 MOTT, SLI TR PYR, SM ARGL IP,
 W/ SLI INCR SH-MED-MED DK
 GRY, INCR BLK IP, VF-FN TXT,
 BLKY, SM CALC, TR CARB, SM
 SCTTRD DK- DULLYEL, SM GOLD
 YEL FLU, NO VIS WET CUT OR
 STN, NO OD

LS-CRM-BUFF, SM TN, SLI TR OFF
 WHT, VF-FN XLN-MICROXLN, MOD
 FRM-FRM, DNS, SM GRAN, MOTT,
 SLI TR PYR, SM ARGL, W/ SLI
 INCR SH-MED-MED DK GRY, SLI
 INCR BLK IP, VF-FN TXT, BLKY, SM
 CALC, SM CARB, SCTTRD DK-
 DULLYEL, SM GOLD YEL FLU, NO
 VIS WET CUT OR STN

LS-CRM-BUFF-OFF WHT, SM TN,
 SLI TR CHLKY IP, VF-FN XLN,
 MICROXLN, MOD FRM-FRM, DNS-V



SHALE GAS

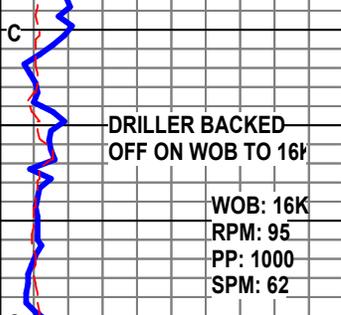
MUD CHECK
 @4761'
 MW 9.2
 FV 58
 PV 16
 YP 18
 GEL 15/56
 pH 11.0
 WL 9.0
 CK 1/32
 CI 4000
 SOL 6.2%
 LCM 4#

SHALE GAS

TG, C1-C5

200

5,046' (-3,198')



DRILLER BACKED OFF ON WOB TO 16K

WOB: 16K
 RPM: 95
 PP: 1000
 SPM: 62

5,100' @ 12:01 AM ON 02-20-14

DST @5100

5100



F YEL/GN STRM WET CUT NO STN OR OD

LS-CRM-OFF WHT-BUFF, W/TR TN, VF-FN XLN MICROXLN, MOD FRM-FRM, DNS-MOD DNS, SLI DOLOMITIC, TR GRAN POR, MOTT, TR ARGL, SLI TR FRAC IP, V SLI TR SH- MED- DK GRY, SM BLK, VF-FN TXT, BLKY, TR CALC- CARB, LT YEL-YEL FLU W/TR BRT YEL FLU, TR BRT LT BLU FLU, G-EX YEL/GN STRM MLKY WET CUT, G-EX DRY CUT, DULL YEL-YEL RNG CUT, NO STN OR OD

CIRCULATE BU / SHORT TRIP / T.O.H FOR DST @5100'

DST TEST - INITIAL OPENING: 122 PSI TO 475 PSI / INITIAL SHUT-IN: 1635 PSI / FINAL OPENING: 155 PS TO 274 PSI / FINAL SHUT-IN: 1640 PSI / RECOVERY - 221' 20% GAS 20% OIL 20% MUD 40% WATER 3.1 BBL / 94' 5% OIL 90% MUD 5% WATER 1.32 BBL

TEST COMMENT-1ST OPEN 30 MIN GOOD BLOW BUILT TO BOTTOM OF 5 GAL BUCKET IN 1 MIN & 30 SEC / 1ST SHUT-IN 60 MIN BLOW BACK BUILT TO 3" INTO WATER / 2ND OPEN 60 MIN STRONG BLOW BUILT TO BOTTOM OF 5 GAL BUCKET IN 45 SEC. GAS TO SURFACE 15 MIN

LS-BUFF-CRM-OFF WHT, SLI TR TN, VF-FN XLN MICROXLN, MOD FRM-FRM, DNS-MOD DNS, SM V DNS, SM GRAN POR, MOTT, TR ARGL, TR V WHT-WHT CHRT, V SL TR SH- MED-DK GRY, SM BLK, VF-FN TXT, BLKY, TR CALC- CARB DULL YEL-YEL FLU W/TR BRT YEL FLU, SLI TR GOLD FLU IP, P-F YEL/GN STRM WET CUT, NO STN OR OD

LS-BUFF-CRM-OFF WHT, SLI TR TN, VF-FN XLN MICROXLN, MOD FRM-FRM, DNS-MOD DNS, SM V DNS, SM GRAN POR, MOTT, TR ARGL, V WHT-WHT CHRT, YEL FLU W/TR BRT YEL FLU, SLI TR GOLD FLU IP, P-F YEL/GN STRM WET CUT, NO STN OR OD

TD @ 5,220' @ 7:16 PM ON 02-20-14 CIRC 1.5 HR SHRT TRIP CIRC 1.5 HRS TOH FOR ELOGS

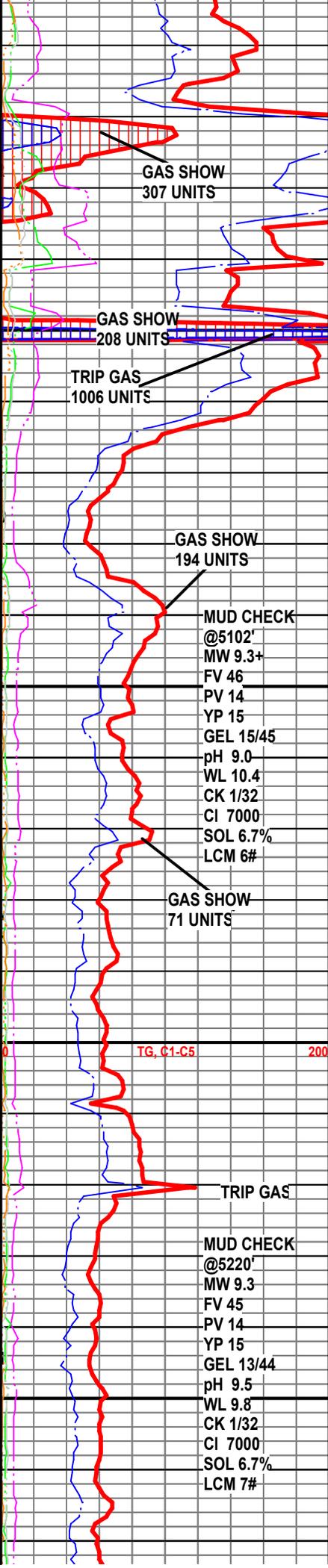
LS-CRM-OFF WHT, BUFF, WHT, VF-FN XLN MICROXLN, FRM -V FRM, TR HD, DNS-V DNS, SM GRAN POR, SM V WHT-WHT CHT IP, TR ARGL, V SLI TR SH- MED-DK GRY, SM BLK IP, VF-FN TXT, BLKY, TR CALC- CARB, DULL YEL-YEL FLU W/TR BRT YEL FLU, F YEL/GN STRM WET CUT, NO STN

WOB: 20K

5150

5200

5250



GAS SHOW 307 UNITS

GAS SHOW 208 UNITS

TRIP GAS 1006 UNITS

GAS SHOW 194 UNITS

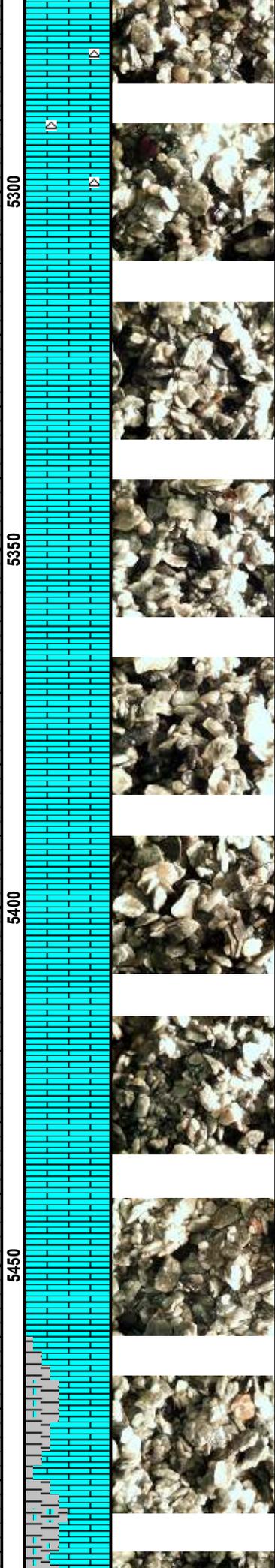
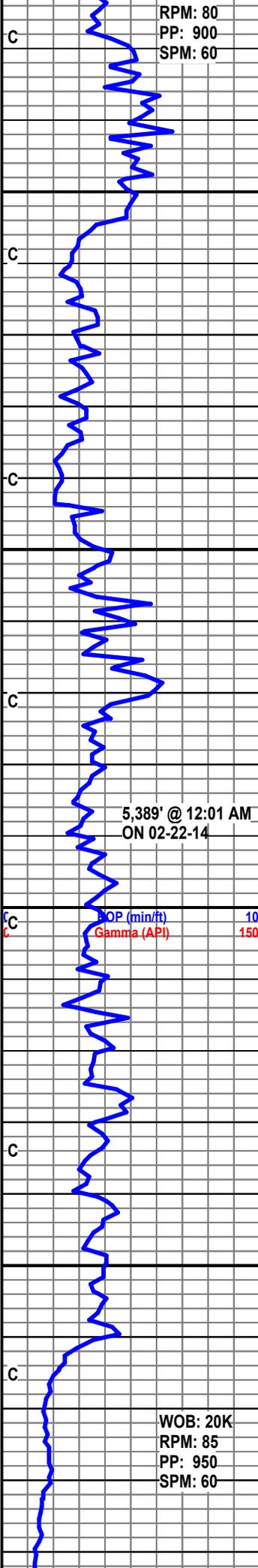
MUD CHECK @5102'
 MW 9.3+
 FV 46
 PV 14
 YP 15
 GEL 15/45
 pH 9.0
 WL 10.4
 CK 1/32
 CI 7000
 SOL 6.7%
 LCM 6#

GAS SHOW 71 UNITS

TG, C1-C5 200

TRIP GAS

MUD CHECK @5220'
 MW 9.3
 FV 45
 PV 14
 YP 15
 GEL 13/44
 pH 9.5
 WL 9.8
 CK 1/32
 CI 7000
 SOL 6.7%
 LCM 7#



LS-CRM-BUFF-TN, LT BRN, VF-FN XLN, MICROXLN, MOD FRM, FRM-MOD HD, DNS-V DNS, ABDN GRAN POR, MOTT IP, ARGL-VRY ARGL IP, V WHT CHRT IP, SM YEL TR BRT YEL AND BLU FLU, P MLK DULL YEL WET CUT, P BLU-DULL YEL DRY CUT, NO STN OR OD

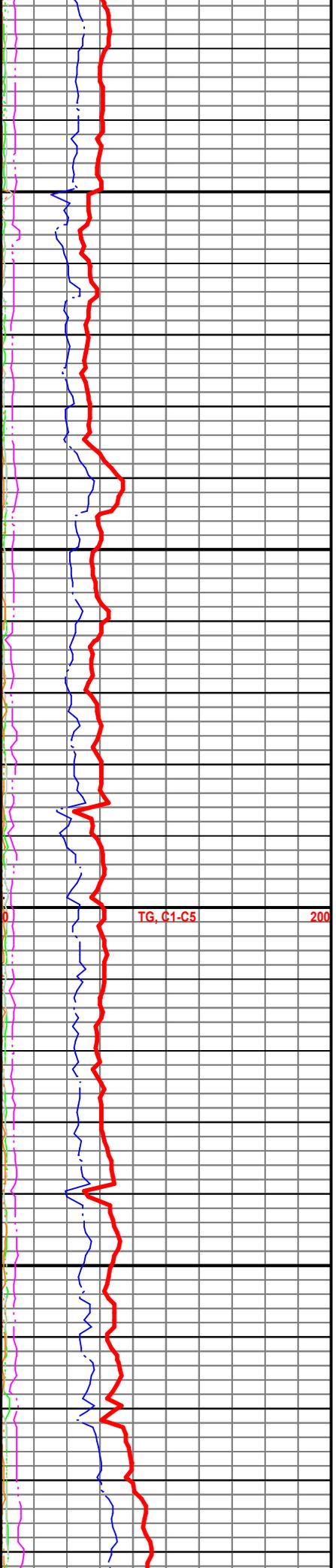
LS-CRM-BUFF, TR TN, SLI TR OFF WHT IP, VF-FN XLN, MICRO XLN, FRM-MOD FRM, DNS-MOD DNS, V SLI TR DOLOMITIC IP, GRAN POR IP, MOTT, TR ARGL, VRY ARGL, SCTTRD DULL YEL- YEL FLU, NO VIS CUT OR STN

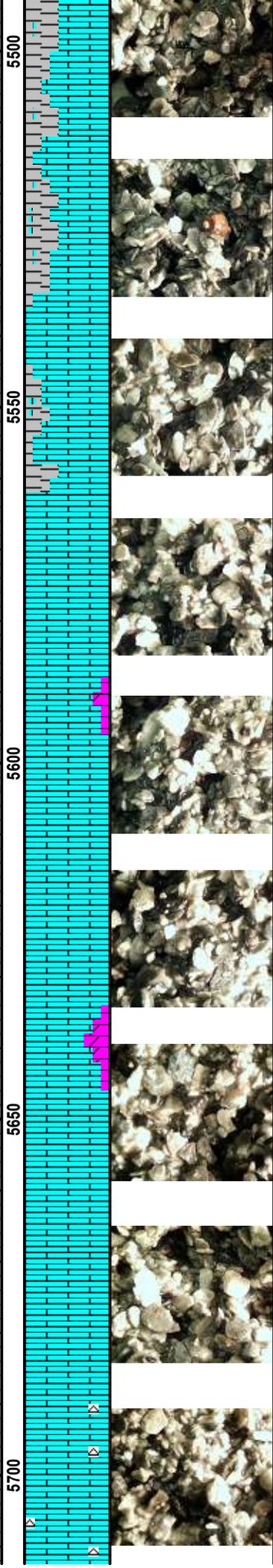
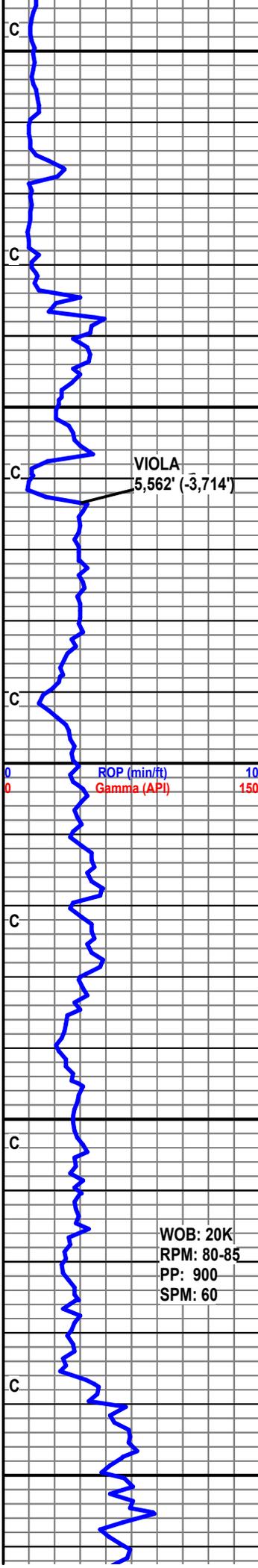
LS-CRM-BUFF-OFF WHT, SLI TR TN, SLI TR WHT IP, VF-FN XLN, MICRO XLN, FRM-MOD FRM, DNS-MOD DNS, GRAN POR IP, MOTT, TR ARGL-VRY ARGL, DOLOMITIC IP, SCTTRD DULL YEL-YEL FLU, NO VIS CUT OR STN

LS-CRM-BUFF, TR TN, TR OFF WHT IP, VF-FN XLN, MICRO XLN, FRM-MOD FRM, DNS-MOD DNS, GRAN POR IP, MOTT, TR ARGL-VRY ARGL, DOLOMITIC IP, DULL YEL-YEL FLU, NO VIS CUT OR STN

LS-CRM-BUFF, TR TN, SM OFF WHT IP, VF-FN XLN, MICRO XLN, FRM-MOD FRM, DNS-MOD DNS, V SLI TR DOLOMITIC IP, GRAN POR IP, MOTT, TR ARGL, VRY ARGL, SCTTRD DULL YEL-YEL FLU, NO VIS CUT OR STN

LS-CRM-BUFF, TN-LT BRN, OFF WHT IP, VF-FN XLN, MICRO XLN, FRM- MOD FRM, DNS-MOD DNS, V SLI TR DOLOMITIC, SM GRAN POR IP, MOTT, TR ARGL, SH- MED GRY-DK GY, TR GY IP, VF-FN TXT, MOD FRM, BLKY-SPLNTY, CALC, TR CARB, DULL YEL-YEL FLU, NO





VIS CUT OR STN

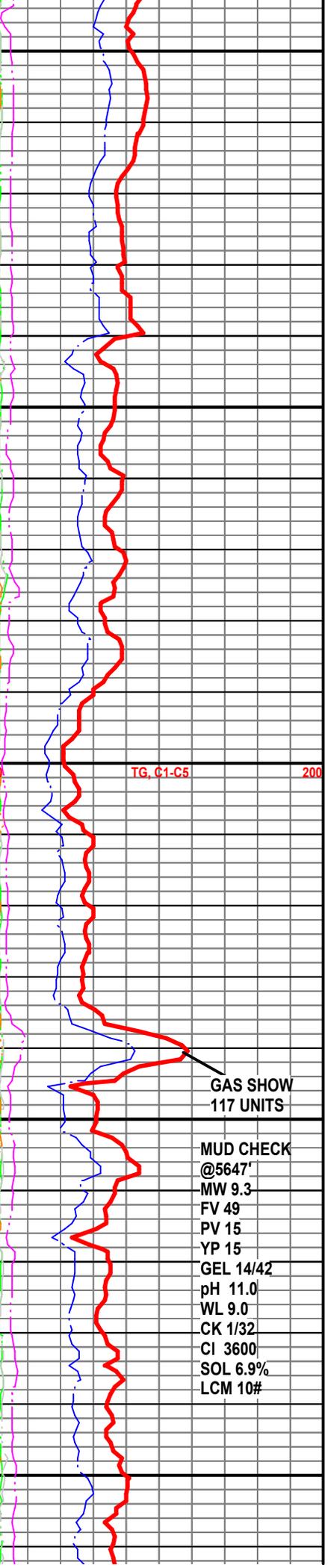
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LS-BUFF-TN-LT BRN, OFF WHT IP, TR MED GY, VF-FN XLN, MICRO XLN, FRM- MOD FRM, DNS-MOD DNS, TR DOLOMITIC LS, SM GRAN POR IP, MOTT, SLI TR ARGL, SLI TR DK BRN-BRN DOLOMITE, V SLI TR SS-WHT- OFF WHT LT GRY, VF-FG, SUB ANG-ANGL, CNLSTD, WELL SRTD, TT, DULL YEL-YEL FLU, NO VIS CUT, NO STN OR OD

LS-BUFF-TN-LT BRN, OFF WHT IP, TR MED GY, VF-FN XLN, INCR MICRO XLN, FRM- MOD FRM, DNS-MOD DNS, TR DOLOMITIC LS, SM GRAN POR IP, MOTT, SLI TR ARGL, TR BRN-DK BRN DOLOMITI V SLI TR SS-WHT- OFF WHT LT GRY, VF-FG, SUB ANG-ANGL, CNLSTD, WELL SRTD, TT, DULL YEL-YEL FLU, NO VIS CUT, NO STN OR OD

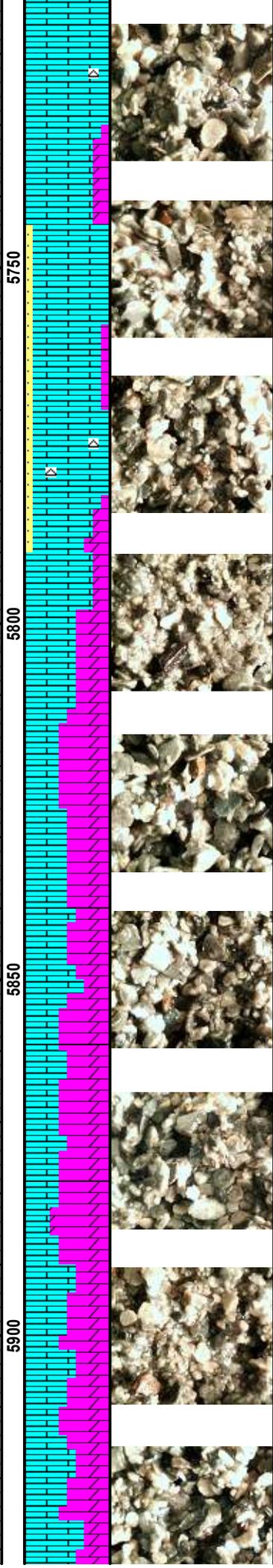
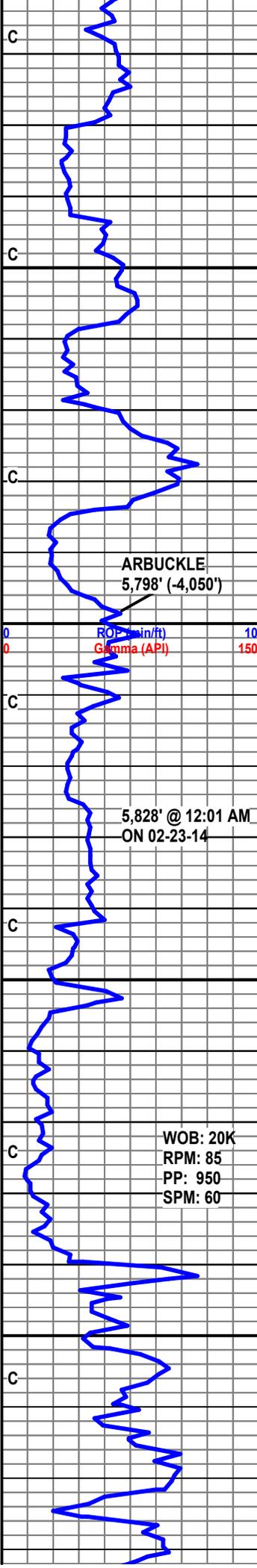
LS-BUFF-OFF WHT, CRM-TN, LT BRN IP, TR MED GY, VF-FN XLN, MICRO XLN, FRM- MOD FRM, DNS-V DNS, SM GRAN POR IP, MOTT, SLI TR ARGL, TR FRAC, DK BRN- BRN DOLOMITE IP, TR V WHT-WHT CHRT, DULL YEL-YEL FLU, P WET CUT, NO STN OR OD

LS-BUFF-OFF WHT, SM CRM, TR L BRN-MED GY IP, VF-FN XLN, MICRO XLN, FRM- MOD FRM, DNS-V DNS, SM GRAN POR IP, MOTT, SLI TR ARGL, MED BRN-BRN DOLOMITE IP, TR WHT-V WHT CHRT IP, DULL YEL- YEL FLU, NO VIS CUT OR STN, NO OD



WOB: 20K
RPM: 80-85
PP: 900
SPM: 60

MUD CHECK
@5647'
MW 9.3
FV 49
PV 15
YP 15
GEL 14/42
pH 11.0
WL 9.0
CK 1/32
CI 3600
SOL 6.9%
LCM 10#



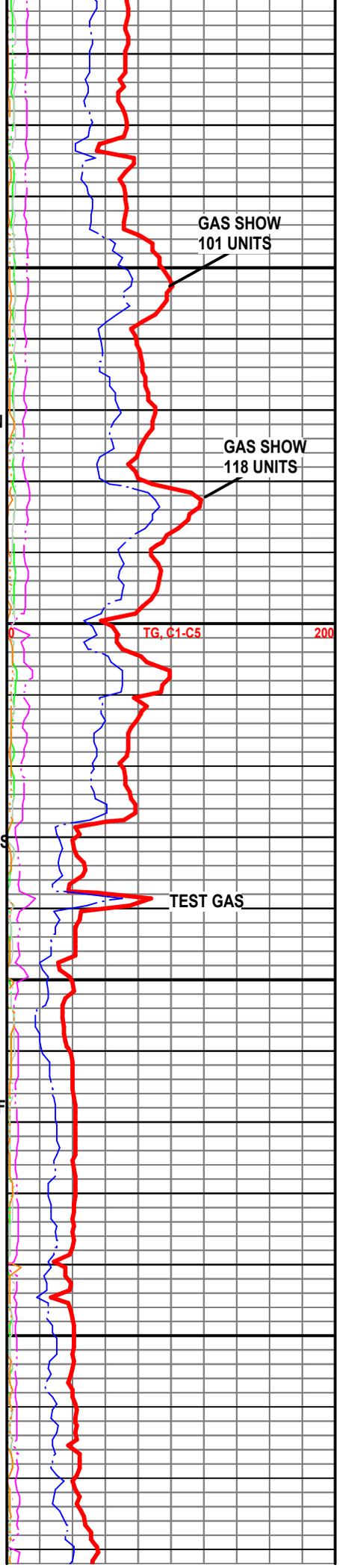
LS-BUFF-OFF WHT, CRM-TN, LT BRN IP, INCR MED GY-GY, VF-FN XLN, MICRO XLN, FRM-MOD FRM, DNS-V DNS, SM GRAN POR IP, MOTT, TR ARGL, TR FRAC, LT BRN- BRN DOLOMITE IP, TR V WHT-WHT CHRT, DULL YEL-YEL FLU, NO VIS CUT OR STN, NO OD

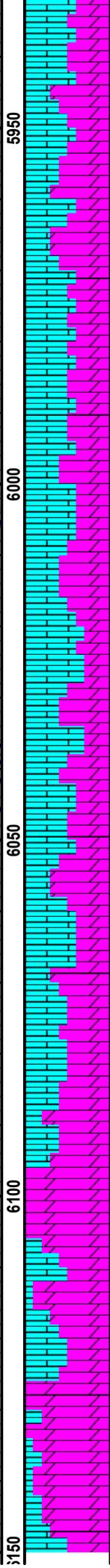
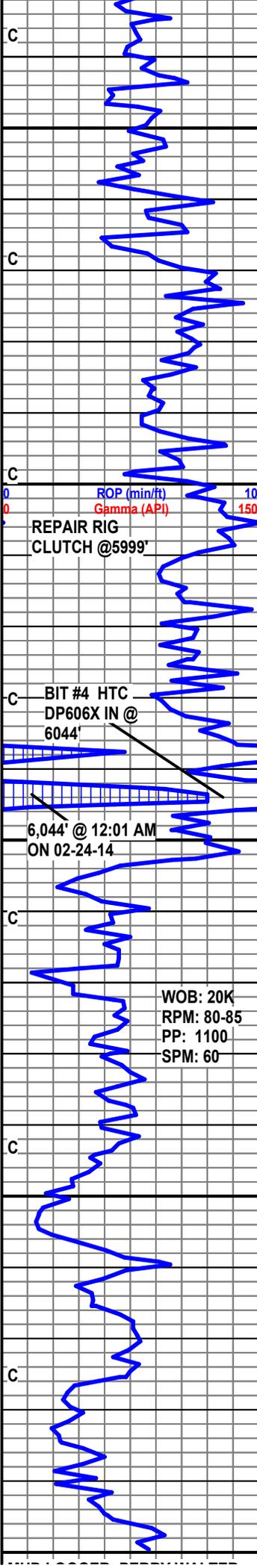
LS-BUFF-CRM-OFF WHT, SM LT BRN, TR LT BRN IP, VF-FN XLN, MICRO XLN, FRM- MOD FRM, DNS-V DNS, SM GRAN POR IP, MOTT, SLI TR ARGL, SLI DOLOMITIC IP, SM MED BRN- BRN DOLOMITE IP, TR WHT -V WHT CHRT IP, V SLI TR SS-WHT-OFF WHT LT GRY-GY, VF-FG, SUB ANG-ANGL, CLR QTZ, CNLSTD, WELL SRTD, TT, DULL YEL- YEL FLU, NO VIS CUT OR STN, NO OD

LS/DOLO-BUFF-TN-LT BRN, OFF WHT IP, TR MED GY, MICRO XLN - VF XLN W/TR FN XLN, FRM- MOD FRM, MOD SFT IP, V DNS- DNS, DOLOMITIC LS, SM GRAN POR IP, MOTT, SLI TR ARGL, LT BRN-OFF WHT DOLO, TR DK BRN DOLO, V SLI TR DULL YEL-YEL FLU, NO VIS CUT, NO STN OR OD

LS/DOLO-BUFF-OFF WHT, CRM-TN, LT BRN, DECR MED GY-GY, MICRO XLN-VF XLN, FRM- MOD SFT, DNS-V DNS, SM MOTT IP, DOLOMITIC, SLI TR ARGL, SM FRAC IP, DOLO; LT BRN- BRN OFF WHT, BUFF-CRM, DULL YEL- YEL FLU, TR DK YEL FLU, NO VIS CUT OR STN, NO OE

LS/DOLO-OFF WHT-BUFF, CRM-TN, LT BRN-BRN, TR MED GY-GY, MICRO XLN - VF XLN, FRM- MOD SFT, DNS-V DNS, SM MOTT, DOLOMITIC, V SLI TR ARGL, TR FRAC IP, DOLO; OFF WHT- BUFF -LT BRN, DULL YEL-YEL FLU, NO VIS CUT OR STN, NO OI





LS/DOLO-BUFF-TN-CRM, OFF WHT
 LT BRN-BRN, MICRO XLN - VF XLN
 FRM- MOD HD, DNS-V DNS, SM
 MOTT, DOLOMITIC, V SLI TR ARG
 SLI TR FRAC IP, DOLO; LT-BRN-
 BUFF, BRN-CRM, TR SH-MED
 GRY-LT GN-GN, TR GY, VF-FN TXT
 FRM-MOD FRM, MOD HD IP,
 BLKY-SUB BLKY, CALC, TR CARB,
 DULL YEL-YEL FLU, NO VIS CUT
 OR STN, NO OD

LS/DOLO-BUFF-TN, OFF WHT-
 CRM, LT BRN-BRN, MICRO XLN -
 VF XLN, FRM- MOD FRM, SM MOD
 HD, DNS-V DNS, TR MOTT,
 DOLOMITIC, V SLI TR ARG, SLI TR
 FRAC IP, DOLO; LT-BRN- BUFF,
 BRN-CRM, TR SH-MED GRY- LT
 GN-GN, TR GY, VF-FN TXT, FRM-
 MOD FRM, BLKY-SUB BLKY, CALC
 TR CARB, DULL YEL-YEL FLU, NO
 VIS CUT OR STN, NO OD

LS/DOLO-BUFF-TN-CRM, OFF WHT
 LT BRN-BRN, MICRO XLN - VF XLN
 FRM- MOD FRM, DNS-V DNS, TR
 MOTT, DOLOMITIC, V SLI TR ARG
 V SLI TR FRAC IP, DOLO; LT-BRN-
 BUFF, BRN-CRM, TR SH-LT
 GN-GN-GY, VF-FN TXT, FRM-MOD
 FRM, BLKY-SUB BLKY, CALC,
 DULL YEL-YEL FLU, NO VIS CUT
 OR STN, NO OD

CIRCULATE BU / TOH FOR NEW
 BIT @6044'

LS/DOLO-BUFF-LT BRN-CRM, TN,
 TR OFF WHT, MICRO XLN, TR VF
 XLN, MOD FRM-FRM, DNS - MOD
 DNS, SM V DNS IP, V SLI TR MOTT
 IP, DOLOMITIC, TR FRAC IP,
 DOLO-LT BRN-BRN-BUFF, TR CRM
 TR SH-GN-LT GN, SM GY-MED GY
 IP, VF TXT, LMY IP, FRM TO MOD
 SFT, BLKY-SPLTY IP, CALC,
 YEL-DULL YEL FLU, NO VIS WET
 CUT, NO STN OR OD

LS/DOLO-LT BRN-BRN-CRM,
 BUFF-TN, OFF WHT IP, MICRO XLN
 TR VF XLN, FRM-MOD FRM, DNS -
 MOD DNS, SM V DNS IP, V SLI TR
 MOTT, DOLOMITIC, SLI TR FRAC
 IP, DOLO-LT BRN-BRN -BUFF, TR
 CRM, TR SH-GN-LT GN, TR GY-MED
 GY IP, VF TXT, LMY IP, FRM TO
 MOD SFT, BLKY-SPLTY IP, CALC,
 YEL- DULL YEL FLU, NO VIS WET
 CUT, NO STN OR OD

MUD CHECK

@5973'
 MW 9.3
 FV 52
 PV 15
 YP 16
 GEL 17/56
 pH 11.5
 WL 9.6
 CK 1/32
 CI 3500
 SOL 6.9%
 LCM 9#

TRIP GAS / INST CK

MUD CHECK

@6075'
 MW 9.2
 FV 56
 PV 17
 YP 19
 GEL 19/56
 pH 9.5
 WL 9.0
 CK 1/32
 CI 3000
 SOL 6.2%
 LCM 16#

MUD LOGGER: PERRY WALTER

PHONE # 713-842-0117

1D @ 6,150' @ 3:02 PM ON 02-24-1

CIRC 1.5 / TOH FOR ELOGS

THANK YOU FOR CHOOSING

GEODYNAMIC WELL LOGGING, INC

TO SERVICE THIS WELL