

MBC WELL LOGGING LLC

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

Well Name: SEWELL #2 DEMCO OIL & GAS CO
 Location: PRATT COUNTY, KANSAS USA
 Licence Number: 34730
 Spud Date: 5-6-2013
 Surface Coordinates: 2,865'fel, 330'fsl SEC 23-T29S-R15W
 NINNESCAH 101 #34541
 Region:
 Drilling Completed: 5-14-2013
 Bottom Hole
 Coordinates: API-15-151-22416-0
 Ground Elevation (ft): 2005' K.B. Elevation (ft): 2018'
 Logged Interval (ft): 3500 To: 4900 Total Depth (ft): 4898 E-LOG
 Formation: SIMPSON
 Type of Drilling Fluid: MUD CO/SERVICE MUD BRAD BORTZ 620 793 2421

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

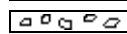
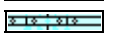
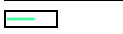
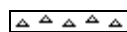
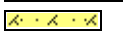
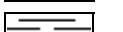
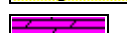
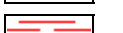
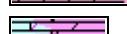
OPERATOR

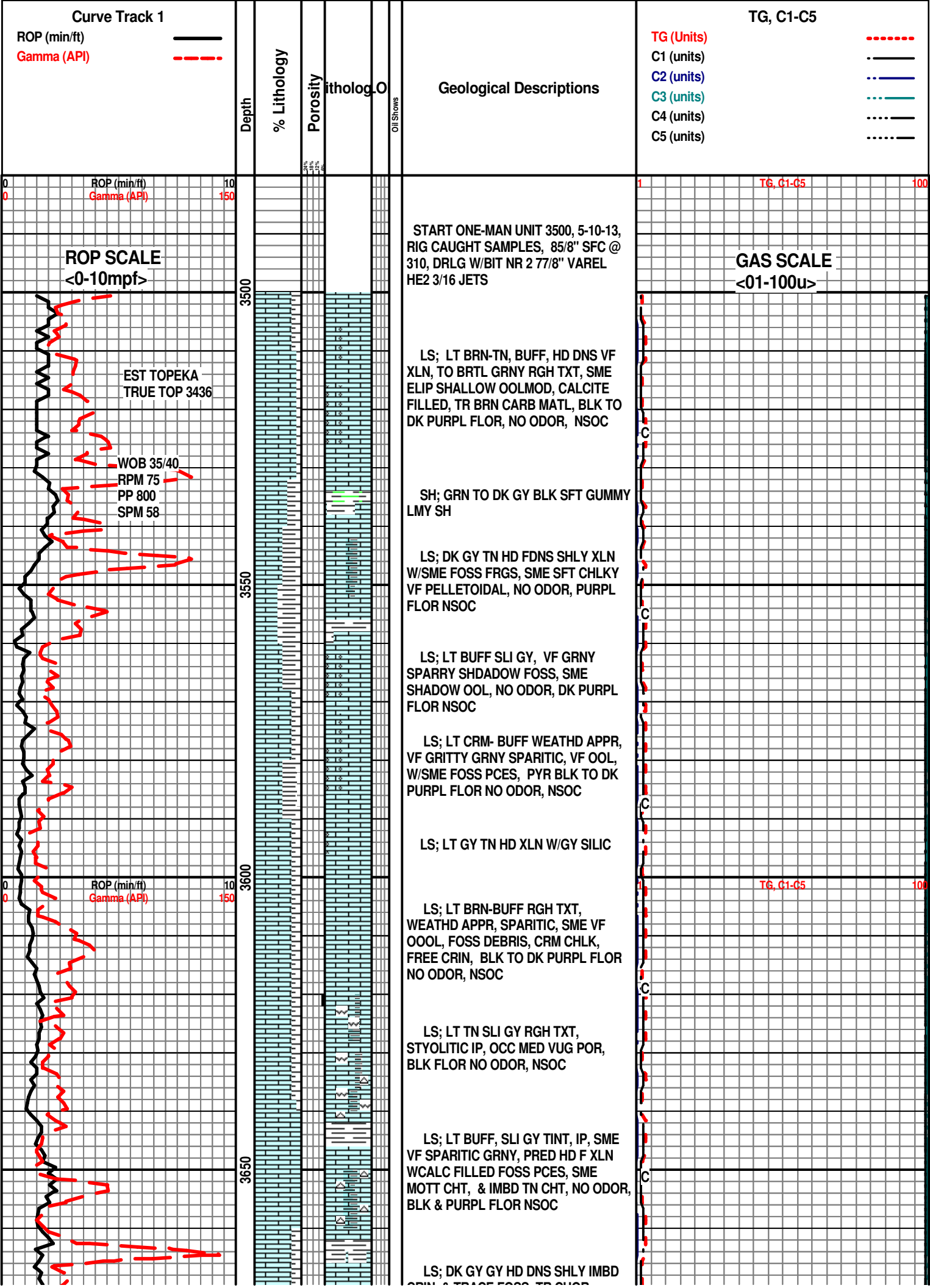
Company: DEMCO OIL & GAS CO
 Address: DENNIS KAHLE%-GEOLOGY
 1335 S 6TH ST
 BLACKWELL, OKLAHOMA 74631

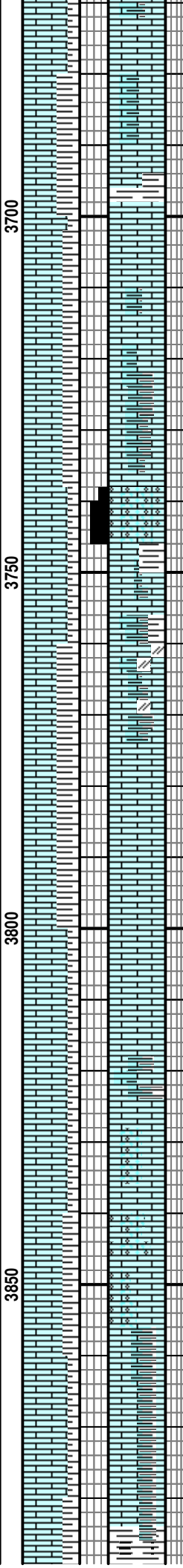
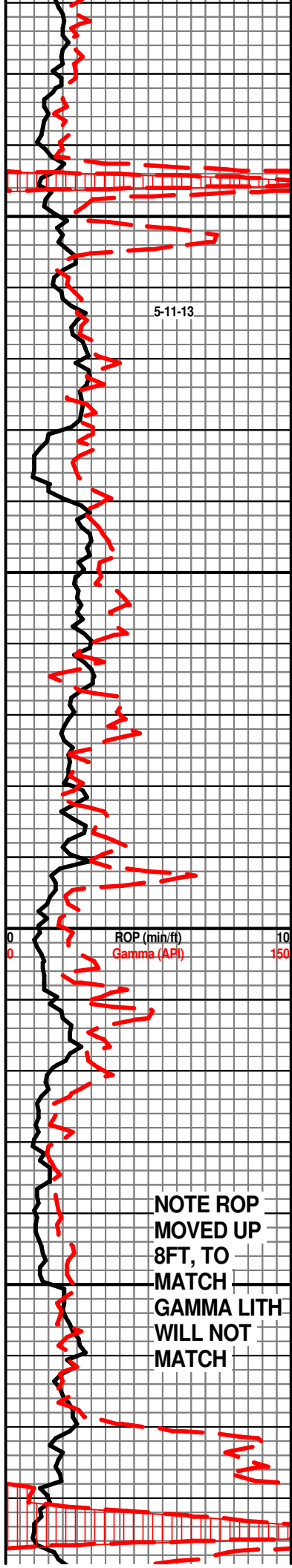
MUDLOGGER

Name: AUSTIN GARNER
 Company: MBC WELL LOGGING LLC
 Address: 21156 RD 22
 MEADE, KANSAS 67864

ROCK TYPES

	Anhy		Ls & ooids		Sltst		Ss		Sndy-ls-1
	Brec		Oolitic ls -1		Salt		Grn sh strk		Calc shale
	Cht		Stgensndy-1		Sndy sh--reg		Lmy sh-2		Granitewash
	Coal		New ls-1		Sndy sh		Grn mott gy		Ls shly-b
	Congl		Carby shale		Sltst-1		Shale-1		Poor sortd ss
	New dolomite		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		





CRIN, & TRACE FOSS, TR CHOR

SH GRN COMNGLD DK GY XLN LS

LS; GYISH HD XLN SME GY SPOTS,
INCRS TO TN HD DNS XLN

SH; BLK TO DK GY SFT

LS; TN SLI GY HD DNS F XLN SME
LT CRM/PINK CHLK, TR SPAR CMTD
VF OOL, NO ODOR, DK PURPL FLOR
NSOC

DK TN CRYUP XLN LS SME DK GY
BRN BIOSPARITIC, NO ODOR, MFNSOC

LS; LT BUFF/TN, SPAR CMT P/SRTD
VF F OOL,, P/SRTD FOSS PCES, TR
ORNG FILLED ELIP OIDS, NO ODOR,
DK PURPL FLOR NSOC

LS; LT TN BUFF HD DNS CRYP TO F
XLN, SME BRN HD CORAL, TR ANHY
NOD, NO ODOR, PURPL FLOR NSOC

LS; GY DK GY HD XLN SHLY
W/FUS-FOSS, NO SHOW

GY TN HD DNS CRYP XLN LS

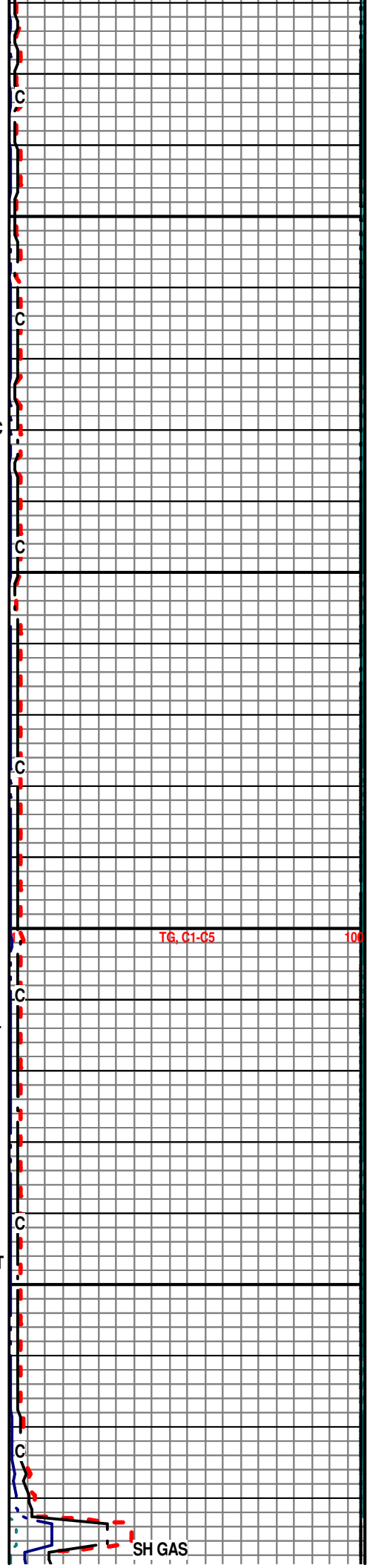
LS; LT BRN/BUFF WEATHD APPR,
RGH TXT, GRNY S-CHLKY IP, SME
GY/BUFF CHLKY WITH VF GY PELL,
PINK-CRM CHLK, NO ODOR, DK PURPL
FLOR NSOC

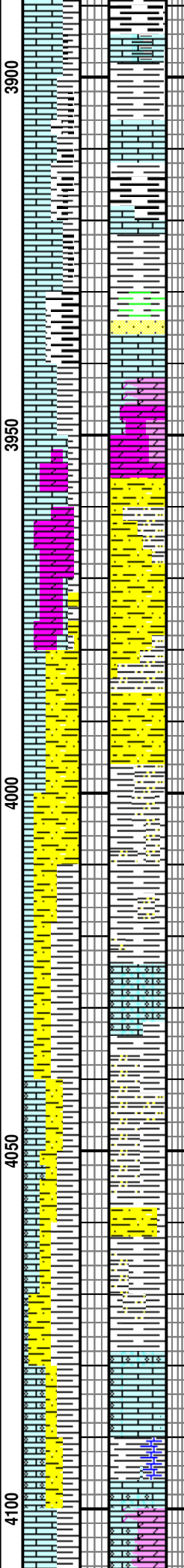
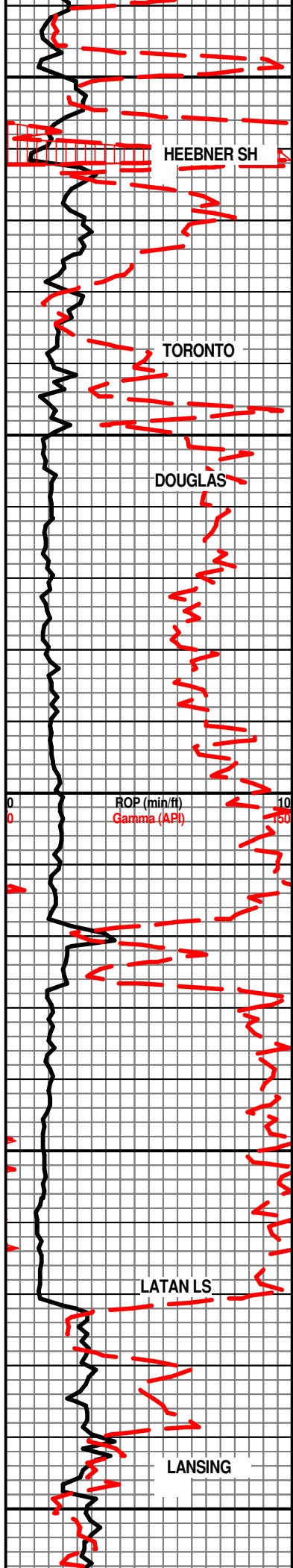
LS; DK BRN GY SHLY HD CRYUP
XLN SHADOW FOSS, BRECA EDGES

LS; LT TN BUFF TR RGH TXT, VF
OOL, & FOSS PCES, PRED TN
SPAREITIC W.CALCITE FILL XLN, ABTD
CHLK, NO ODOR, PURPL FLOR NSOC

LS; TN HD F XLN

SH; GY, GY-GRN, CALC





SH; BLK CARB SME PYRITIC

LS; LT GY COMNGLDS CRM SPARITIC FOSS IP, SME VF CALCITIC IP, NO ODOR, MFNSOC

LS; BRN SPARITIC TO BUFF-CHLKY LS

SH; BLK DK GY SFT CARB

SS; TR LT GY-GRN, VF GR HD TT, LMY, MICA, GRDS TO SFT GUMMY GRINSH GY SH

LS; PALE CRM-WH, DULL LUSTRE HD DNS XLN, MED YEL FLOR, NO ODOR, NSOC

DOLO; LT TO DK BRN, VF GRNY, GRITTY, SME IMBD F FOSS PCEWS, SME SHADOW VF OOL, MICRO CARB MATL, 40% INSOLUBLE PART. NO ODOR, BLK FLOR, NSOC

SS/SLT; GY LT GY MED TO FRI TT, VF GR, NON-CALC, ABT MICA, ABTD CARB MATL, GRDS TO SLTY SNDY SH, NO ODOR, NFSOC

SS;SLTST LT GY WH VF GR FRI TO MED TT, SLO CALC, SH LENS, BLK CARB MATL, MICA, NO ODOR, NFSOC

SH; GY MED GY FRM PLATY SLO CALC, MICA, INTBD SLTST STRINGERS

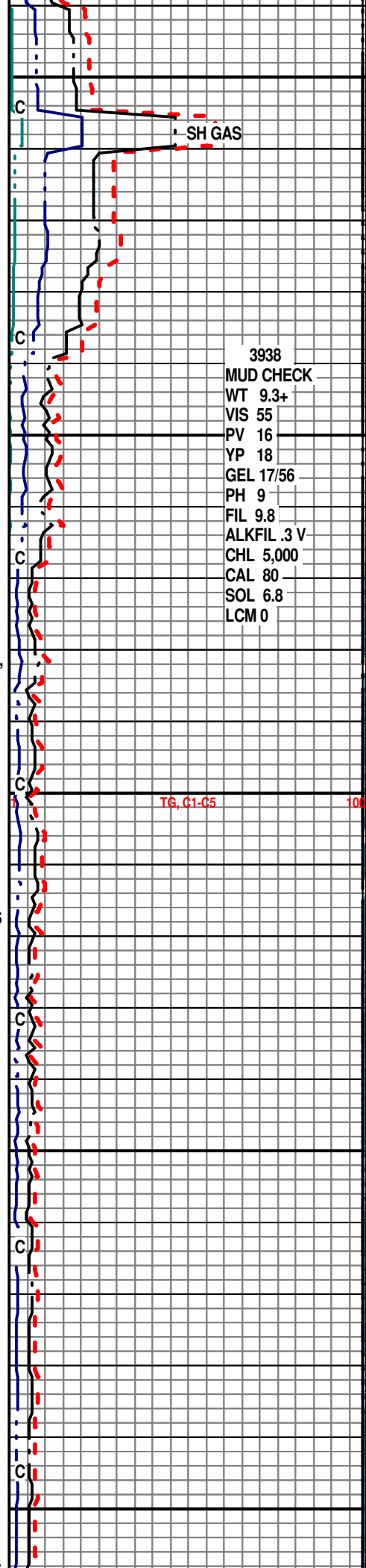
LS; DK BRN P/SRTD SPAR CMTD, VF F FOSS PCES, TR F-OOL, CALC FOSS & OOL FILL, NO ODOR, BLK FLOR NSOC

SS & SLTST; OFF WH TO LT GY VF GR MICA, CARB MATLO SHLY GRDS TO SLTY SH

SH; MED TO DK GY SFT SLI GUMMY MICA, SLTY SNDY IP

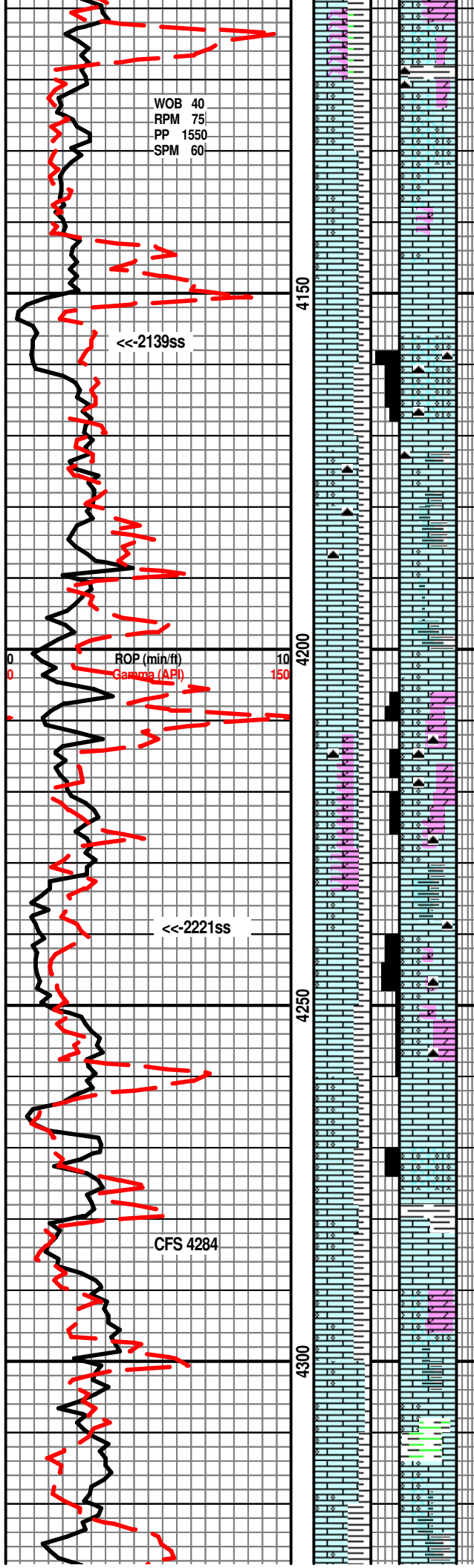
LS; BRN TO BUFF HD DNS RGH TXT WEATHD APPR, SME OFF WH SPARITIC, NO ODOR (4) PCES YEL FLOR NSOC

LS; TN BRN HD XLN VF OOL, BRECCA EDGES GRDS TO LT GY BRN SUGARY DOLOM W-VF OOL, LAM SILKEY SH, NO ODOR, DK PURPL



3938
MUD CHECK
WT 9.3+
VIS 55
PV 16
YP 18
GEL 17/56
PH 9
FIL 9.8
ALKFIL .3 V
CHL 5,000
CAL 80
SOL 6.8
LCM 0

TG, C1-C5 100



FLOR NSOC

LS; BRN-BUFF VF OOL, CHLKY IP, BLK SH INTRUS, TR DOLOMITIC, DULL WH CHT W/IMBD F OOLDS, BLK SH CNTR IP, NO ODOR, PURPL FLOR NSOC

LS; BUFF BRN SME DK BRN, WEATHD APPR, GRNY, SHADOW VF OOL, PYR, NO ODOR, DK PURPL, TR FAINT GOLD FLOR NSOC

LS; GY BRN HD DNS XLN SME VUG POR

LS; BUFF VF SUGARY, GRNY, SHADOW VF OOL, BRN CARB MATL, DIRTY-GY-BUFF RGH TXT SILIC VF OOL, NO ODOR, DK PURPL FLOR NSOC

LS; DK BRN GY HD DNS F XLN, FOSS, FRGS, F CLR BRECCA EDGES, BLK TO TN CHT, NO ODOR, BLK FLOR NSOC

TN HD DNS CRYPTO XLN LS

DOLOMITIC/LS & DOLOMITE, LT BUFF, SLI GY RGH VF GRITTY TXT, MICRO OOL, TO CLR VF SPARRY W/FOSS & VF OOL, SME GY BRN F GRNY DOLOMITE W/OOL, TR MICA, TR PYR BLK TO DK PURPL TR PURPL W/GOLD TINGE FLOR NSOC

DK; BRN HD DNS CRYP XLN LS

LS; LT BUFF, LT TN, WEATHD APPR VF GRITTY GRNY, VF OOL, SME CRM CHLKY W/PP VUGS GY/FOSS CHT, BLK FLOR NSOC NO ODOR

LS; MED BUFF HD DNS DUSTY BLKY SME OOL, SME FOSS FRGS INB CRS HD DNS XLN

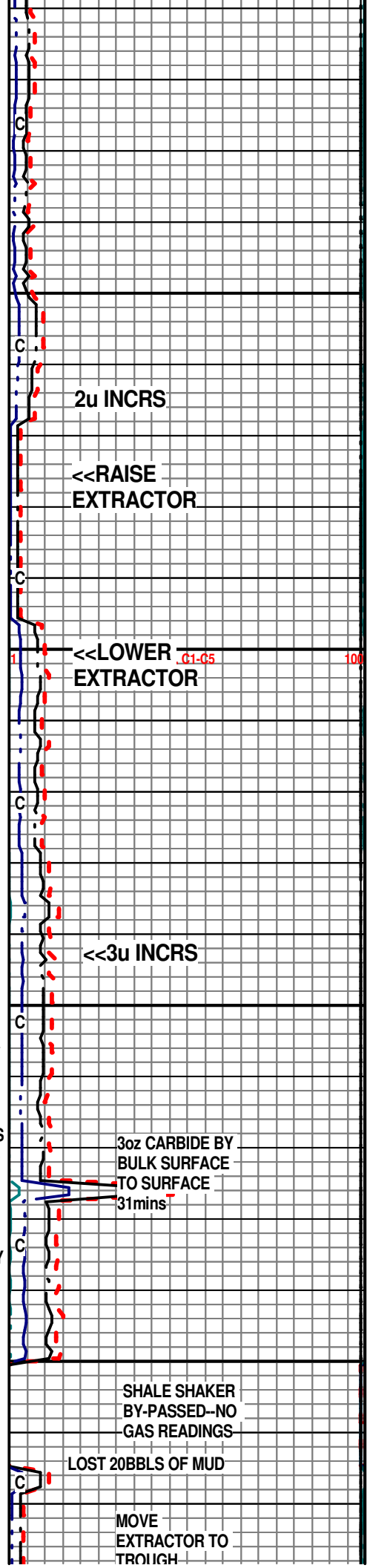
LS; BUFF WH DULL LUSTRE, GRNY, SPARITC, CMTED VF F OOL, OCC FOSS FRGS, SME LT BUFF LEACHED FOSS POR, MICRO OOL W/HEAVY RIM COAT, NO ODOR, PURPL FLOR NSOC

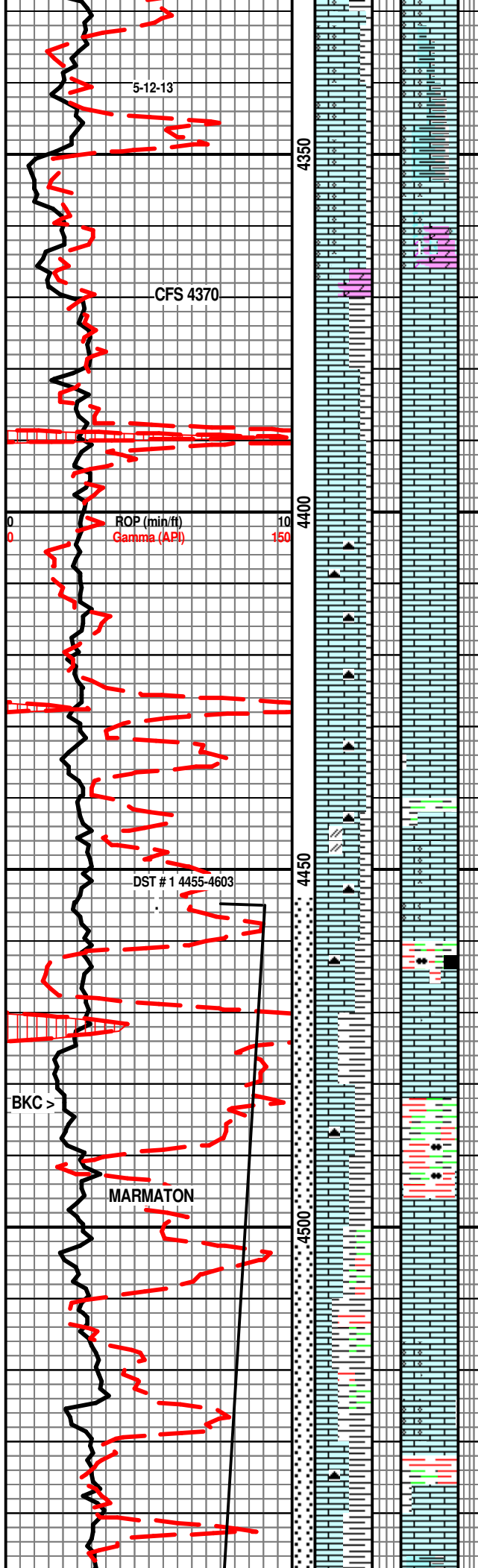
BRN DK BRN HD DNS CRYP XLN LS SME MOTT SPOTTED LT GRN MOTT GY SH

DOLOMITIC-LS LT B UFF TB VF F OOL SME FOSS, NO ODOR, PURPL FLOR NSOC

SH; LT GY SLI GRN

LS; LT BRN BRN CRS OOLMOLD, VF CALCITIC FILLM, RIM COASTED, SME FOSS XLN NO SHOW





LS; CRM BUFF CHOLKY OOL IP, SME
W/IMBD CLR F QTZ, NO ODOR,
MFNSOC

LS; LT BUFF TN HD DNS F XLN,
CHLKY IP

DOLOMITIC-LS & DOLOMITE, LT BUFF
RGH TXT, VF GRNY SME SHADOW VF
OOL, COATED GRNS, GRDS TO BUFF
GRITTY MICRO OOL LS, ABDT
CRM/PINK CHLK, NO ODOR. PURPL
FLOR NSOC

LS; LT BRN DK TN HD DNS CRYP TO
VF XLN, SME DNS SPARRY, OCC FOSS,
NO ODOR, MFNSOC

LS; PALE TN V/SLI GY, HD DNS F
XLN, ABDT CHLKY, FREE CHT, NO
ODOR, MFNSOC

LS; PALE TO DK TN HD DNS CRYP
TO F XLNM, B RECCA EDGES, TR
ANHY NO ODOR, MFNSOC

LS; LT TN HD DNS SPARRY
SHDAOW FOSS & OOL, IMBD GRN LS
NO ODOR, PURPL FLOR NSOC

SH GRN ,MED GY LMY W/FOSS FRGS
TR IMBD COAL PCES

LS; BRN MOTT HD DNS SPAR
CMTED, FOSS SME SPICULES, NO
ODOR, PURPL FLOR NSOC

SH; VARI REDS, GRNS, MOTT GRN &
BLK, FREE PHOS NOD

GRN HD DNS XLN LS

LS; MED TO DK TN HD DNS XLN,
COMNGLD CRM CHLK, SME GRN STND
CHLK, NO ODOR, PURPL FLOR NSOC

LS; TN HD DNS XLN, MICRO OOL
W/COMNGLD GRN STAINS

BRONZE TO DK GY BLK SH

LS; PALE CRM-BUFF TN FOSS
W.CRM CHLK MATRIX, ABDT VARI SH,
NO ODOR, PURPL FLOR NSOC

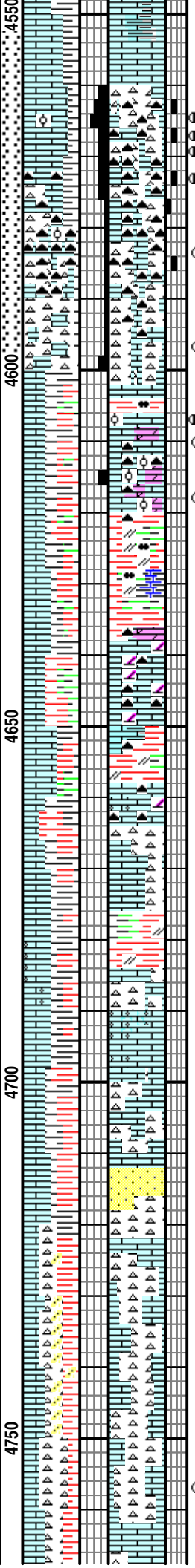
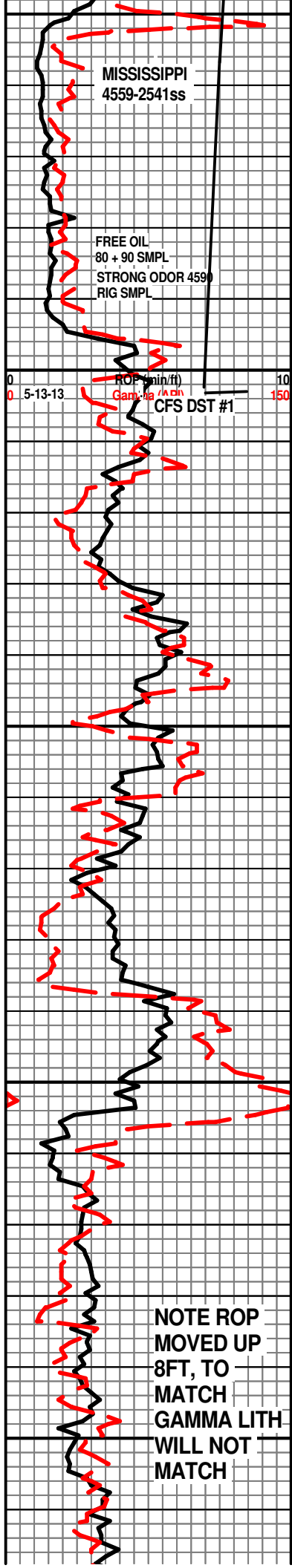
TG, C1-C5

4476
MUD CHK
WT 9.3
VIS 47
PV 14
YP 15
GEL 15/48
PH 10
FIL 9.6
ALKFIL .3
CHL 5,000
CAL 80
SOL 6.8
LCM 2

SUPERIOR TESTERS
DUSTIN ELLIS
1800-792-6902

DST # 1
4455-4603
IO=STEADY BLO 1"
FO= WEAK SFC BL:O
2MINS DIED OFF
302/60/30/60
RECVD 120' MUD
100% MUD
IHY 2403 FHY 2184
IO 145//222
ISIP 842//
FO 189//221
FSIP 360
148' ANCHOR
BHT 123"

AFTER DST
4610
MUD CHK
WT 9.3



LS; GY TN HD CRYP XLN SLI SHLY IP

CHAT, OPAQ WH, TRANSLUC, VIT TO SEMI
TRIPOLITIC & V/TRIPOLITIC, SHARP ANG,
FRAC LINES, SPICULES, COMNGLD & LAM LS,
TR MICRO OOL, SME LAM MATL NON CALC, DK
BRN STNG ON LAM MATL, SME ON CHT, PP DK
BRN STNG, SME FREE DK BRN OIL, 10% MED
YEL-GOLD FLOR, STRONG ODOR 90 SMPL,
FLASH SLO WEAK DULL GOLD CUT BECOMING
SLO STRMG, DULL YEL-GRN WEAK RESID
CUT

CHAT, WH TRANSP, SME VIT TO TRIPOLITIC,
SME BRN LS, SCATT BRN STNG NO ODOR 4600
SMPL

RED HD DNS SHLY XLN LS W/ LT GY GRN LMY
SH

LS; DK BRN, GRNY, TR PINK CHLK W/ GY F
OOL,
LS; PINKISH CRM, BRN, HD DNS, BRN VIT
FOSS CHT, SME CHOR, SME OOL, ORNG MOTT
FOSS TR OOL VIT CHT, TR (1) PCES BLK HEAVY
SPLOTCH OIL STN, OIL STNG, NO ODOR, FAINT
GOLD FLOR SLO MILKEY CUT

SH VARI REDS, GY GRN, PHOS NOT, IMBD
ANHY NOD

LS; BRN, PURPL, WH, GRN, HD XLN, SME
SHADOW FOSS, PURPL CHLK, FREE PYR, CLR-
WH VIT CHT, W/ CONCORD FRAC, ANG, SME PP
BLK EITHER ASPH OR D.O.S. TR FAINT WEAK
GOLD FLOR NSOC

SH; RUST RED LMY, ANHY NMOD, GRNS SME
GRN & RED XLN LS

LS; PALE OFF WH PURPL, CRM SME BRN
POOR SORTED FRUS/FOSS XLN TR OOL,
MFNSOC

LS; GRN/GY FLAKEY FRAC, XLN SME CRM TO
OPAQ CRS SPAR XTLS, ABTD OPAQ VIT CHT,
NO ODOR, PURPL FLOR NSOC

SH; VARI REDS, SILKEY, TO GY & GRN
W/FOSS FRGS, ANHY NOD

LS; TN GRN WH, TR SPAR CMTE VF FOSS,
NO ODOR

LS; TN GRN, WH TR SPAR CMTE F
OOL, DOLOMITIC, ABTD MILK WH CHT
NO ODOR, PURPL FLOR NSOC

SS; LT GRNISH WH, OFF WH, VF GR,
HD TT, CALC IP, PYR NFSOC

LS; PALE GRNISH WH, LT TN,
DOLOMITIC IP, IMBD FOSS CHT, SILIC
IP, ABTD CHT, NO ODOR, PURPL FLOR
NSOC

LS; LT GRN/WH CRM, HD F XLN
COMNGLD CHT, & IMBD CHT NOD NO
ODOR, PURPL FLOR NSOC,

