



16221 LEO CIRCLE
LEAVENWORTH, KS 66048
913 544 7527
KEVIN BAILEY

COMPANY: Stroke of Luck Exploration Jim Henkle
WELL: Custer Valley 04-0517
FIELD: Solomon **COUNTY:** Ellis **STATE:** KS
LOCATION: 1154' FSL, 2362' FWL or NE-NE-SE-SW 24-11-19

Interval Logged: 2620 **To:** 3700 **G.L.:** 2057 **K.B.:** 2068
Date Logged: 6/10/2017 **To:** 6/17/2017 **Spud Date:** 6/07/2017
Rig: Landmark Drilling Dickey Collins **Unit No.:** #4
Loggers: ELI
Api No.: 15-051-26874-00-00
Filename: solcstr-4-517.mlw
Geologist: K.J.Bailey

Created By MainLog

Abbreviations:

NB...New Bit	DST...Drill Stem Test
CO...Circ Out	DS...Directional Survey
NR...No Returns	CG...Connection gas
TG...Trip Gas	LAT...Logged After Trip
WOB...Wt on Bit	PP...Pump Pressure
RPM...Rev/Min	SPM...Strokes/Min
SG...Survey Gas	DTG...Down Time Gas

Mud Data

WT..Weight	V..Viscosity
PH..Acidity	F..Filtrate
CHL...Chlorides	SC..Solids Content

Lithology Symbols:

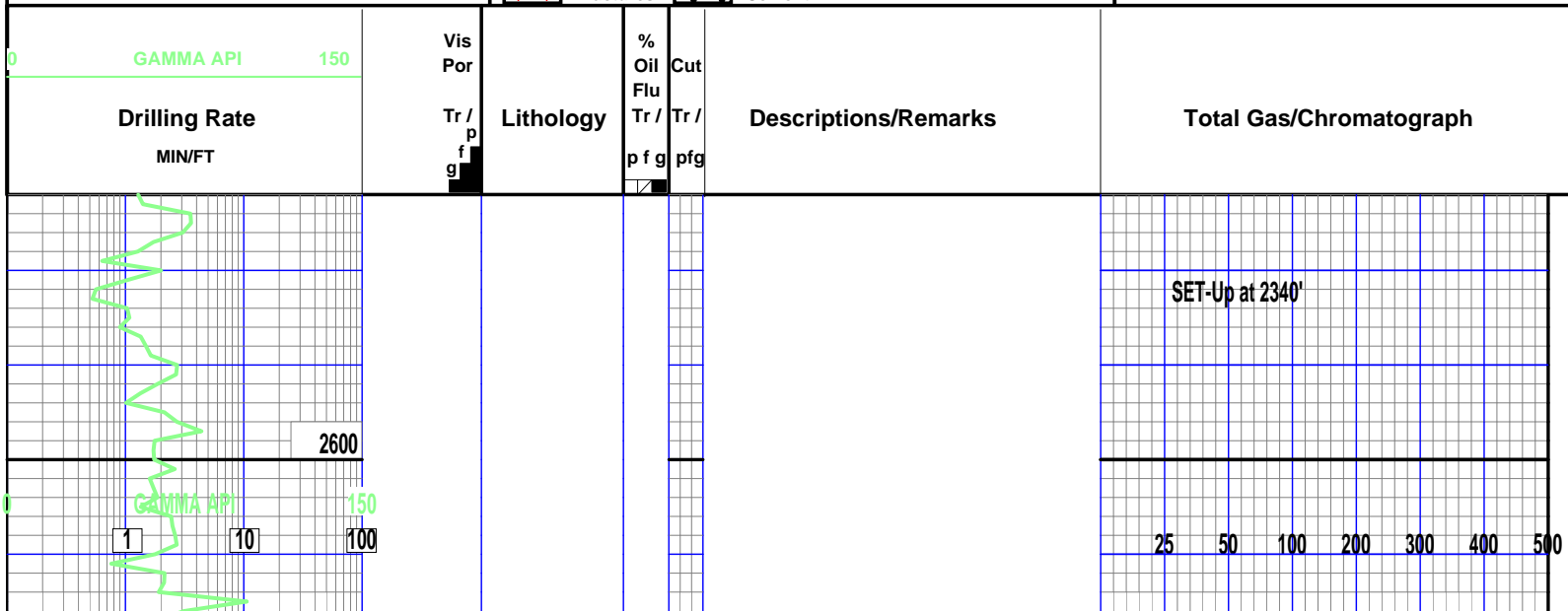
	Anhydrite		Salt		Granite
	Siltstone		Chert		Sandstone
	Dolomite		Conglomerate		Limestone
	Coal		Shale		Bentonite
	Carb Shale		Granite Wash		Quartz Wash
	Red Sh		Org Sh		Green Sh
	Cust Sh1		Cust Sh2		Cust Sh3
	Cust Sh4		Cust Sh5		Cust Sh6

Gas Chromatograph Analysis:

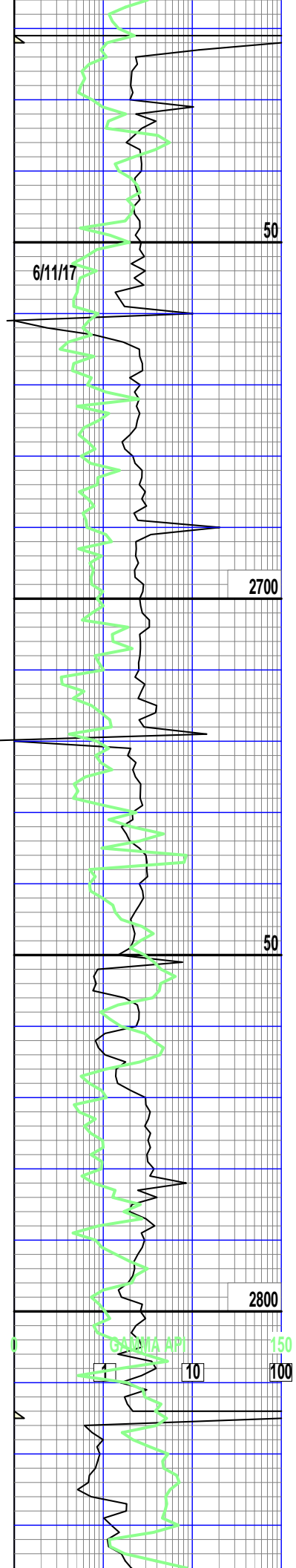
HW	-----
C1	-----
C2	-----
C3	-----
IC4	-----
NC4	-----
IC5	-----
NC5	-----

Accessories

	Glauconite		Pyrite		Fossils		Oolites
	Fractures		Cement				



BIT Trip @ 2621'



50

2700

50

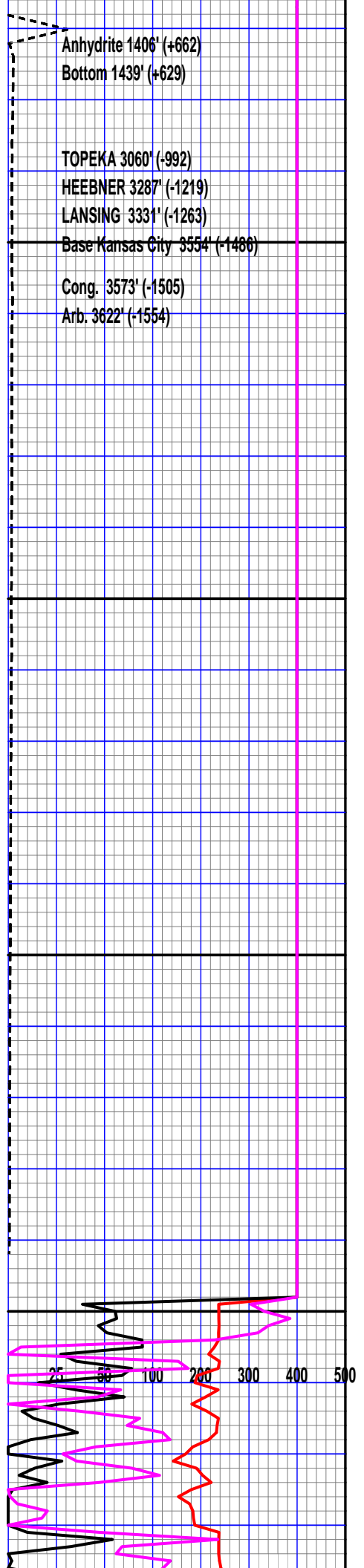
2800

150
100

6/11/17

GAMMA API

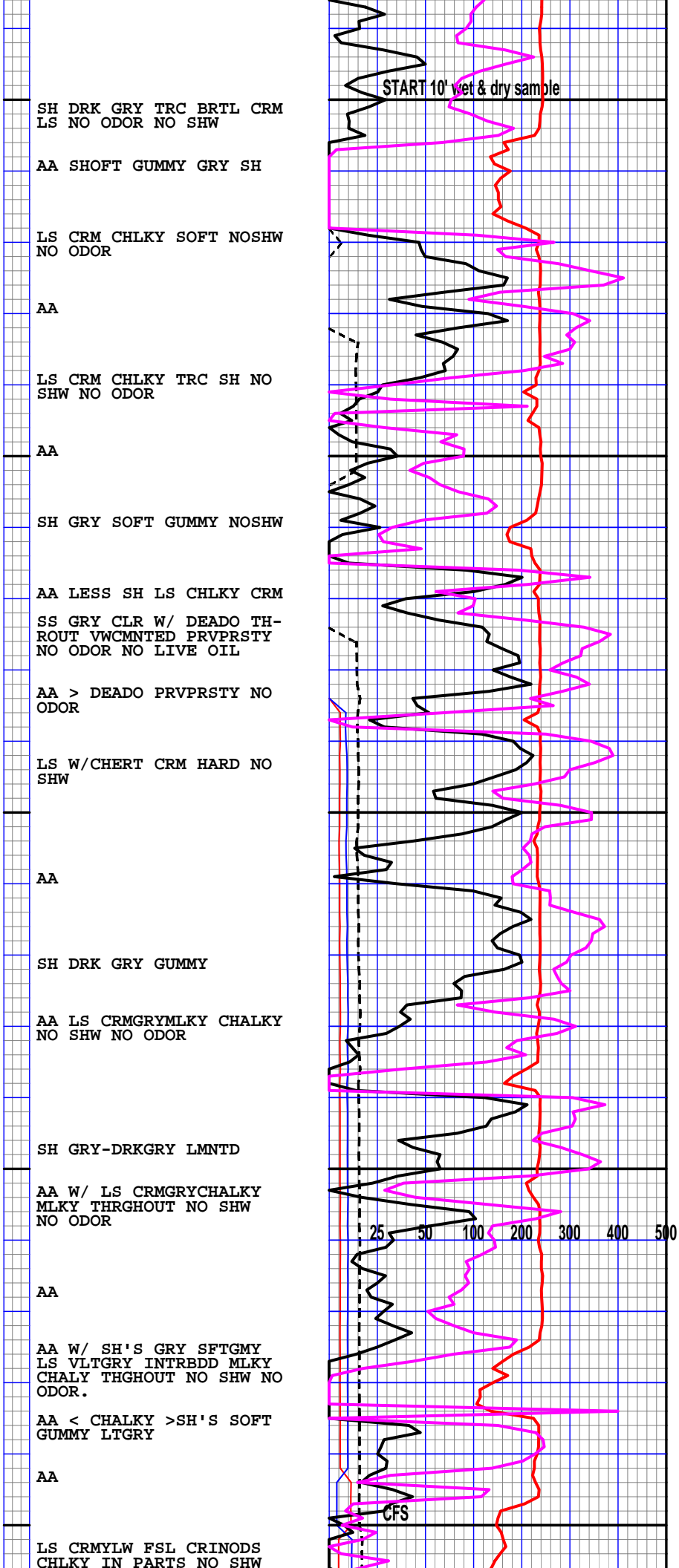
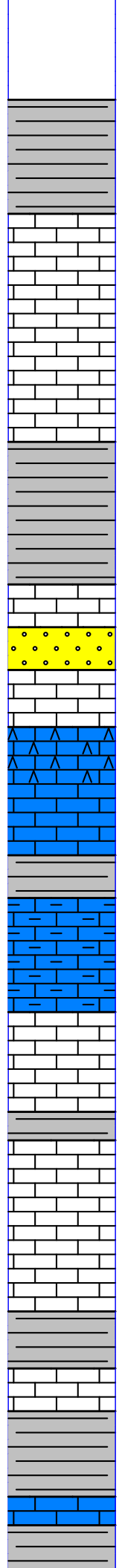
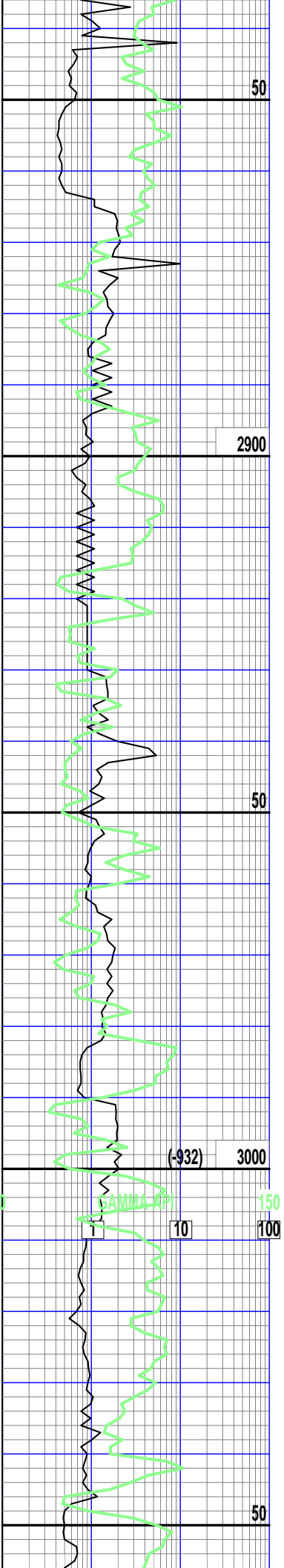
1 10 100 150

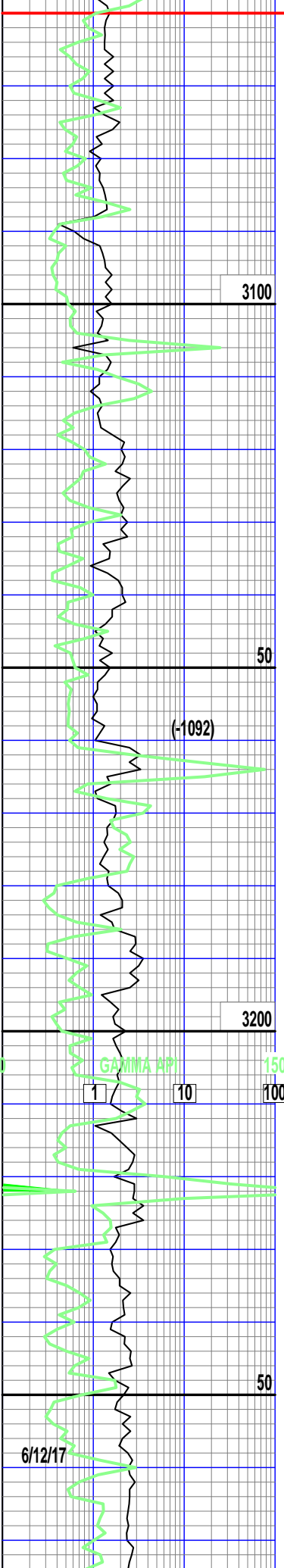


Anhydrite 1406' (+662)
Bottom 1439' (+629)

TOPEKA 3060' (-992)
HEEBNER 3287' (-1219)
LANSING 3331' (-1263)
Base Kansas City 3554' (-1486)
Cong. 3573' (-1505)
Arb. 3622' (-1554)

25 50 100 200 300 400 500





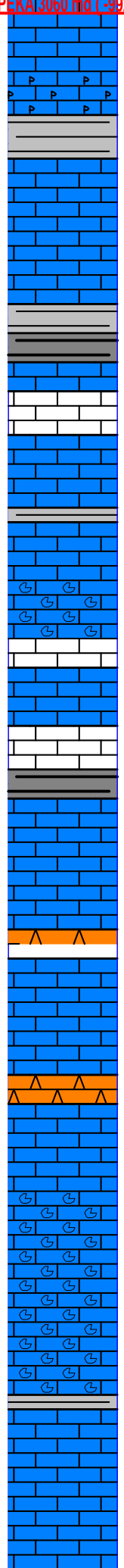
3100

3200

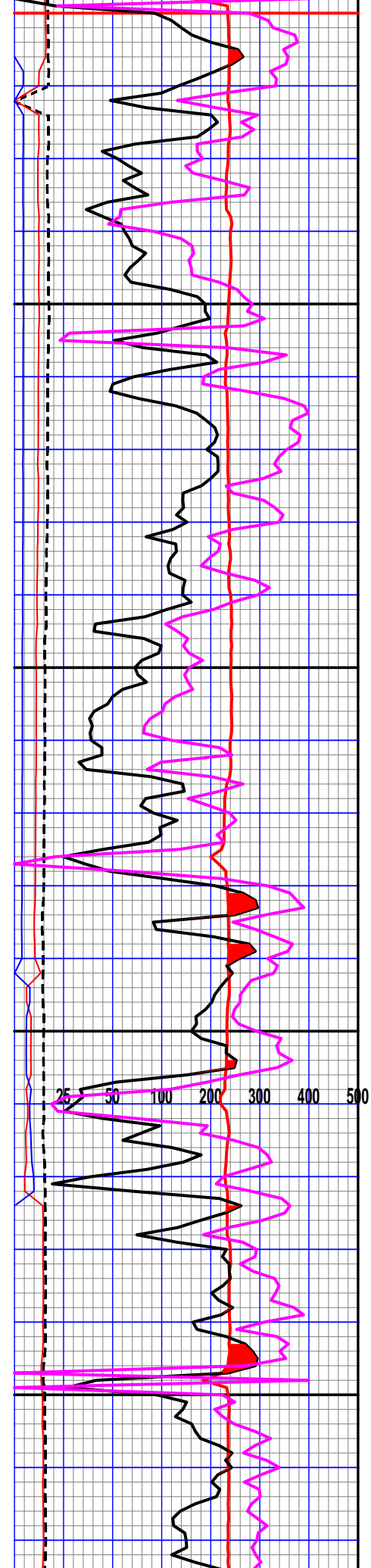
(-1092)

GAMMA AP 150
 1 10 100

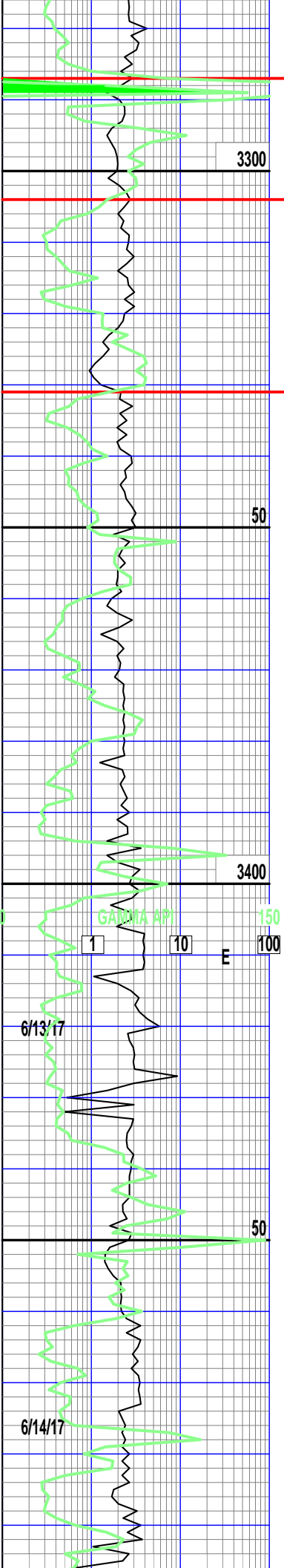
6/12/17



NO ODOR
 AA CHLKY W/ INTRBDDCHRT
 CRMLTCRMYLW FSL NO SHW
 LS GRYXYLN SS GRYCR W/
 DEADO THRGHOUT PYRC GIL
 SNITE FLACKS NVFO NO
 ODOR
 LS GRYSRMTNXYLN TRC SH
 NO SHW NO ODOR
 SH GRY PLTY SOFT
 AAQ
 LS CRMGRYCRM CHALKY NO
 ODOR NO SHW
 AA WITH INTBDD SH NO
 SHW
 SH BLK
 LS CRMGRY CHALKY THRGH-
 OUT NO SHW NO ODOR
 AA < CHALKY LS MDGRYXYL
 NO SHW NO ODOR
 LS LTGRY MDXYLN NO SHW
 NO ODOR W/ INTBDD SH'S
 GRY LIMINIT BRWNRD
 LS GRYSRMTNXYLN PARTS
 REWRKFSL NO SHW VVFNT
 ODOR
 AA >CHLKY BECOMING LS
 GRYDRKGRY MDXYLN HRD
 DENS
 LS MD-DRK-GRY MDXYLN NO
 VSBLPRSTY NO SHW CHLKY
 GRY NO ODOR
 SH BLK
 LS LTTN CHLKY HRD INPRT
 NVPRSTY NO SHW
 AA BECMNG BRTL <CHLKY
 NO SHW NO ODR LS CLRWHT
 XYLN NVSBPRSTY NO SHW
 NO ODOR
 AA
 CHRTY LS CRMMDXLYN HRD
 DENSE NVPRSTY NO SHW NO
 ODOR
 AA
 LS CRMCRMGRY CHERTY GRY
 NVPRSTY NO SHW NO ODOR
 AA
 LS CRMGRY CHLKYTRCCHRT
 NO SHW NO ODOR
 LS CRMLTGRY CHLKY FSL-
 FUSLINDSCRINODS NO SHW
 NO ODOR
 AA LS CRM CHLKY BRTL NO
 SHW NO ODOR
 LS CRM-CRMBLKMCK HARD
 NVPRSTY NO SHW
 AA
 LS CRM MDXYLN NVPRSTY
 NO SHW NO ODOR



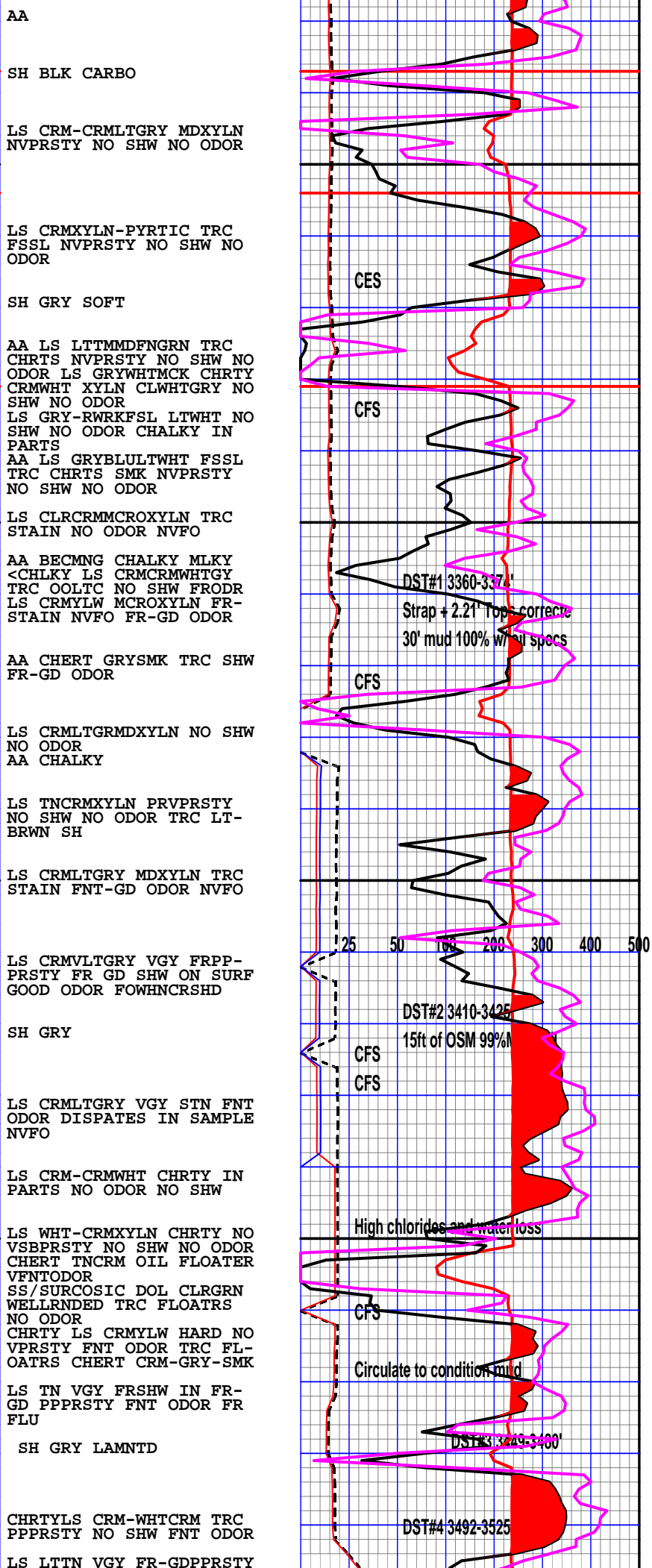
25 50 100 200 300 400 500



HEEBNER 3287 md (-1219 SS)

Toronto 3304 md (-1236 SS)

LANSING 3331 md (-1263 SS)



AA

SH BLK CARBO

LS CRM-CRMLTGRY MDXYLN
NVPRSTY NO SHW NO ODOR

LS CRMXYLN-PYRTIC TRC
FSSL NVPRSTY NO SHW NO
ODOR

SH GRY SOFT

AA LS LITMDFNGRN TRC
CHRTS NVPRSTY NO SHW NO
ODOR LS GRYWHTMCK CHRTY
CRMWHT XYLN CLWHTGRY NO
SHW NO ODOR

LS GRY-RWRKFSL LTWHT NO
SHW NO ODOR CHALKY IN
PARTS
AA LS GRYBLULTWHT FSSL
TRC CHRTS SMK NVPRSTY
NO SHW NO ODOR

LS CLRCRMCMCROXYLN TRC
STAIN NO ODOR NVFO

AA BECMNG CHALKY MLKY
<CHLKY LS CRMCRMWHTGY
TRC OOLTC NO SHW FRODR
LS CRMYLW MCROXYLN FR-
STAIN NVFO FR-GD ODOR

AA CHERT GRYSMK TRC SHW
FR-GD ODOR

LS CRMLTGRMDXYLN NO SHW
NO ODOR
AA CHALKY

LS TNCRMXYLN PRVPRSTY
NO SHW NO ODOR TRC LT-
BRWN SH

LS CRMLTGRY MDXYLN TRC
STAIN FNT-GD ODOR NVFO

LS CRMVLTGRY VGY FRPP-
PRSTY FR GD SHW ON SURF
GOOD ODOR FOWHNCRSHD

SH GRY

LS CRMLTGRY VGY STN FNT
ODOR DISPATES IN SAMPLE
NVFO

LS CRM-CRMWHT CHRTY IN
PARTS NO ODOR NO SHW

LS WHT-CRMXYLN CHRTY NO
VSBPRSTY NO SHW NO ODOR
CHERT TNCRM OIL FLOATER
VFNTODOR
SS/SURCOSIC DOL CLRGRN
WELLRNDED TRC FLOATRS
NO ODOR
CHRTY LS CRMYLW HARD NO
VPRSTY FNT ODOR TRC FL-
OATRS CHERT CRM-GRY-SMK

LS TN VGY FRSHW IN FR-
GD PPRSTY FNT ODOR FR
FLU

SH GRY LAMNTD

CHRTYLS CRM-WHTCRM TRC
PPRSTY NO SHW FNT ODOR

LS LTTN VGY FR-GDPPRSTY

CES

CFS

DST#1 3360-3374'
Strap + 2.21' Top correct
30' mud 100% W/ bit specs

CFS

DST#2 3410-3425'
15ft of OSM 99%

CFS

CFS

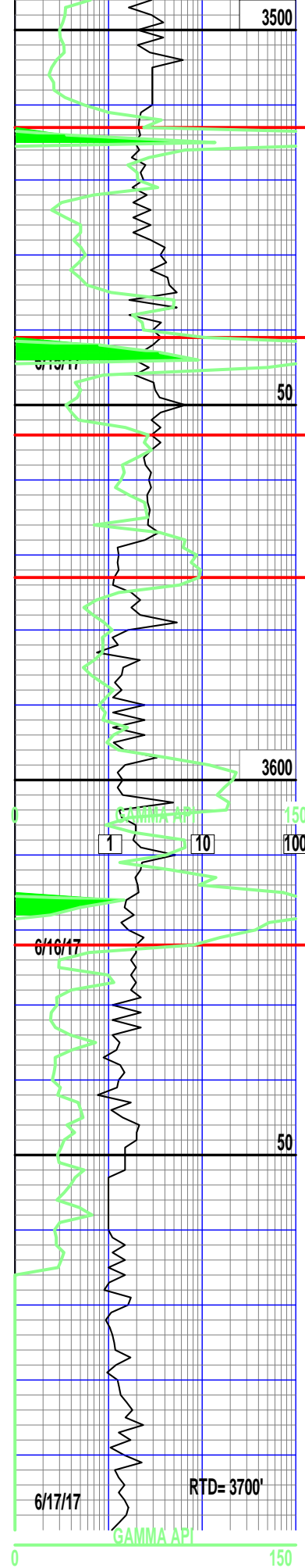
High chlorides and water loss

CFS

Circulate to condition mud

DST#3 3429-3430'

DST#4 3492-3525'



STARK 3513 md (-1445 SS)

Hushpuckney 3541 md (-1473 SS)

Base KC 3554 md (-1486 SS)

Conol 3573 md (-1506 SS)

Arbuckle 3622 md (-1554 SS)

FR-GD SHW ONSURFACE GD
SHW WHN CRSHD W/ MUTI
STAIN NFO GD ODOR

SH BLK CARBO
LS CRMYLW-DULWHT CHRSTS
STAIN PR FLU GD ODOR
AA

LS GRYN NPPRSTY STAIN
W/ NVFO FNT ODOR

LS CRM-DULLWHT VGY TRC
CHRT NO SHW NO ODOR
SH LTGRY GRY

SH BLK LMNTD

LS CRM-WHT W/CHRTYDOL
TRC FSL NO SHW NO ODOR

SH GRY DRKGRY
AA LS CRM-CRMWHT XYLN
NVPSRY NO SHW NO ODOR

AA SH LAYERS GRY BRWN
BLK TRC GRN

LS CRMDULLWHT ALGAL VGY
FR PPRTY GD STRONGODOR
GD SHW ONSURFC FOIL WHN
CRUSHD

CHERT GRYCRM-GLKNTC NV-
PSRTY HRD NO ODOR

SH'S BRWN GRY VDRKGRY
TRC GRN PYRT

AA CHRTYLS CRMYLW LSCRM
CHLKY TRC W/ DEADO TRC
OF STN NVFO

AA LS-CHLKY DULL WHT GD
STN SOME O WHEN CRUSHD

SH'S MULTICOLRD BRWNRED
GRN GRY TRC CHRT GD ODR
FEW PICES DEADO TRCLIVE
OIL

AA LS CRM-CRMTN HVYO W/
DO THRGHOUT STRONG ODOR

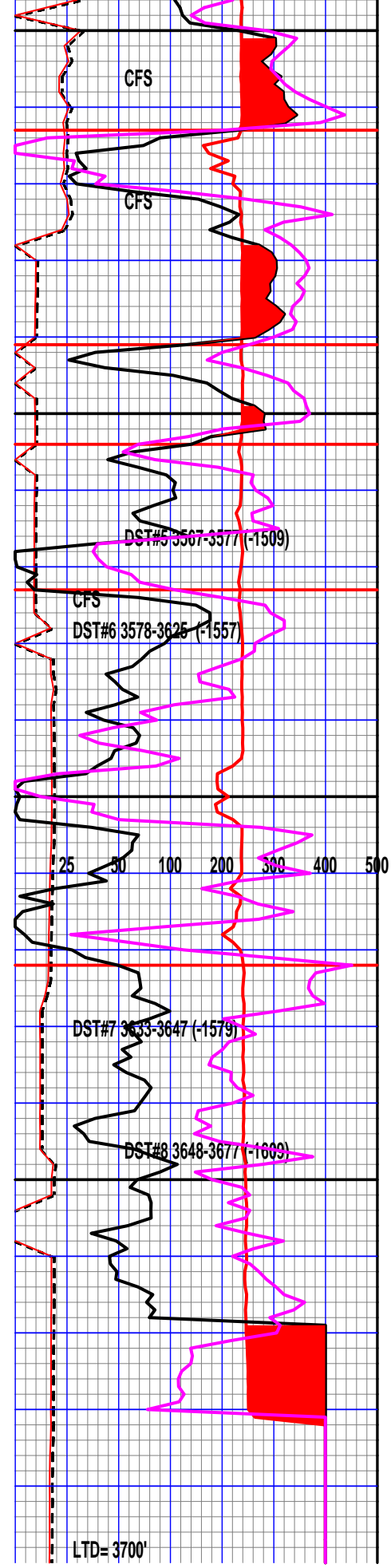
SH'S MULTI COLRD

AA DOL GRYCRMTRC VGY
TRC OOLTIC CHRT LT GRY
DOIL THGHOUT TRC FOIL
WHNCRSH STRNG ODOR TRC
DOLOOLTIC CHRTY INPRTS
AA

DOLCRMCHRTY DOIL STRONG
ODOR NVFO
CHRT GRYCRM DENDRICDOIL
TRC SNDS/SURCRSC STRONG
ODOR NVFO
DOL TNYLW SRCRSIC HVYO
WHN CRSHD LESS ODOR DOI
THGHOUT
AA

DOL TNBRW-TNYLW SRCRSIC
GDPPRSTY GD SHW FOIL S
DOIL INCHRTYDOL GD ODOR

DOL TNBRWM SRCRSIC IN-
PRTS SOME PPRSTY HRD
DENSE NO SHW STRONG ODR
SULFIDE H2O
WELL PLUGGED 6/19/2017



CFS

CFS

DST#5 3507-3577 (-1509)

DST#6 3578-3626 (-1557)

DST#7 3633-3647 (-1579)

DST#8 3648-3677 (-1600)

LTD= 3700'

3	DENSITY POR	-05
3	NEUTRON POR	-05
3	CROSSPLOT POR	-05
3		-05