



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

**COMPANY:** STROKE of LUCK Exploration for Jim Henkle Co.Man  
**WELL:** Custer Valley 03-0217  
**FIELD:** Wildcat **COUNTY:** ELLIS **STATE:** Kansas  
**LOCATION:** SW-NW-NW-NW 19-11S-18W 484' FNL, 309' FWL down a donkey trail NW of Haze  
**Interval Logged:** 2800' **To:** 3600' **G.L.:** 1930' **K.B.:** 1935'  
**Date Logged:** 02/17/2017 **To:** 02/22/2017 **Spud Date:** 02/14/2017  
**Rig:** White Knight Drilling LLC **Unit No.:** #1  
**Loggers:** ELI Hays, KS Gus Pfanenstiel  
**Api No.:** 15-051-26858-00-00  
**Filename:** strklcustvllly03-217.mlw  
**Geologist:** Kevin Bailey

Created By MainLog

**Abbreviations:**

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

**Mud Data**

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

**Lithology Symbols:**

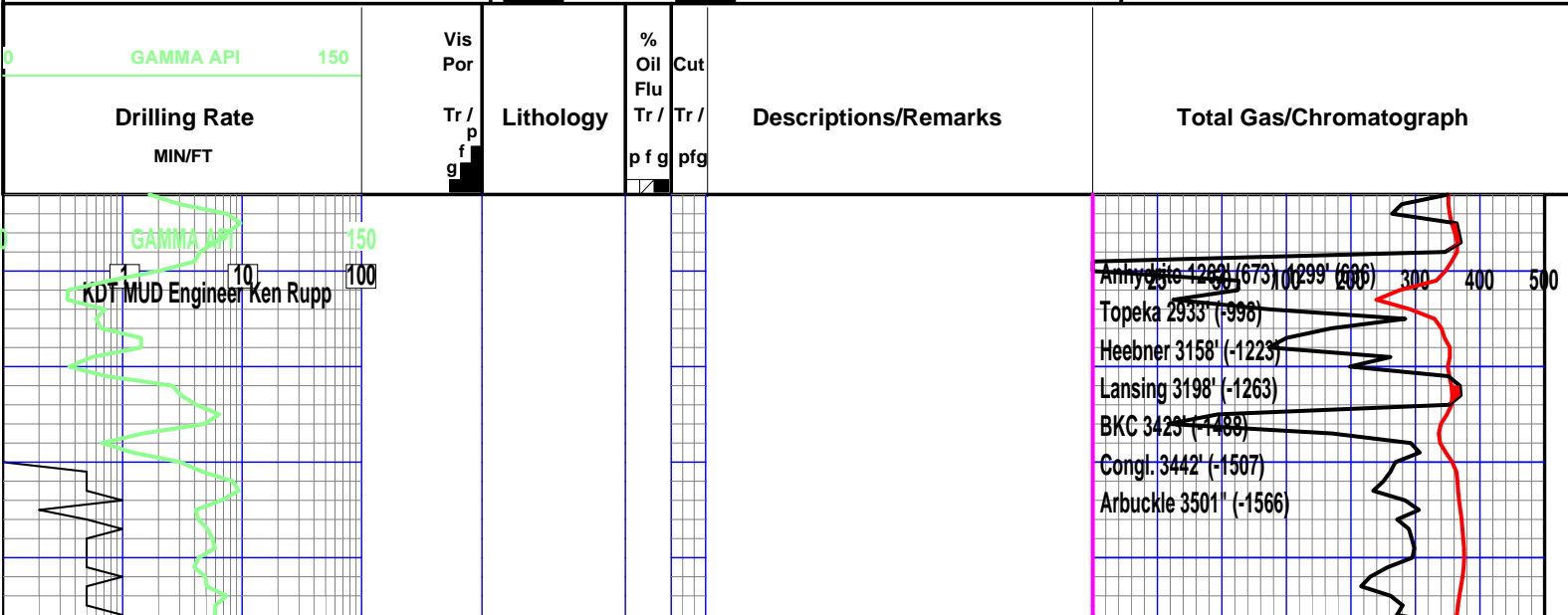
Anhydrite	Salt	Granite
Siltstone	Chert	Sandstone
Dolomite	Conglomerate	Limestone
Coal	Shale	Bentonite
Carb Shale	Granite Wash	Quartz Wash
Red Sh	Org Sh	Green Sh
Cust Sh1	Cust Sh2	Cust Sh3
Cust Sh4	Cust Sh5	Cust Sh6

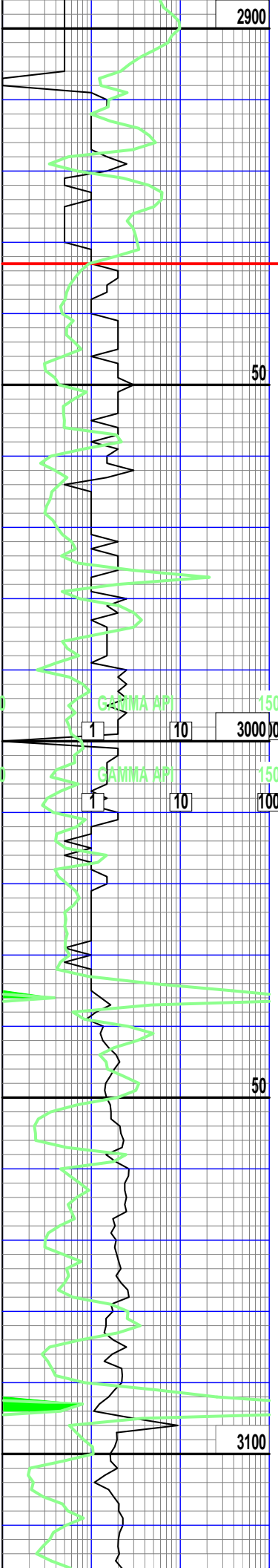
**Accessories**

Glauconite Pyrite Fossils Oolites  
 Fractures Cement

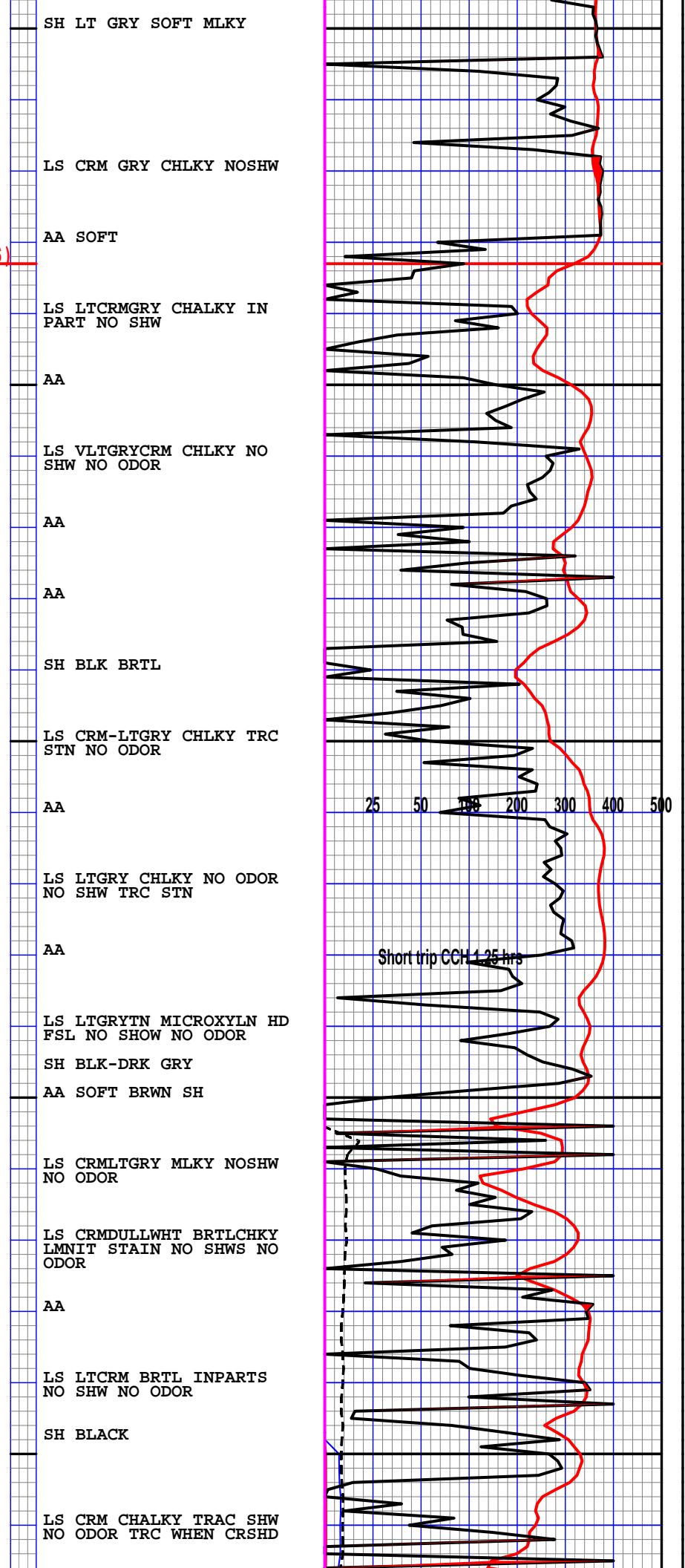
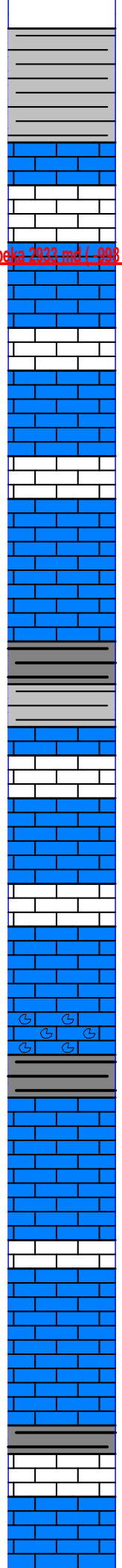
**Gas Chromatograph Analysis:**

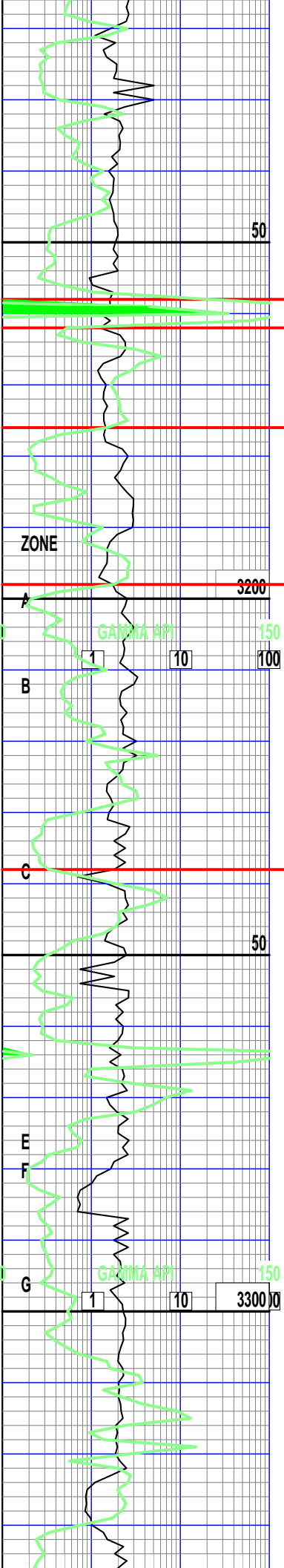
HW -----  
C1 -----  
C2 -----  
C3 -----  
IC4 -----  
NC4 -----  
IC5 -----  
NC5 -----





Topeka 2933 md L-398 SS





Heeler 3158 md (-1223 SS)

TORONTO 3178 md (-1241 SS)

LANSING 3198 md (-1263 SS)

Bonnet Spring 3239 md (-1303 SS)

AA

LS CRMDULL WHIT FRPPR  
FO WHEN CRUSHD VFNTODOR

LS CRMDULL CHLKY FRSHW  
FO WHN CRSH FNT-FRODOR

AA LESS ODOR

SH BLK CARBO

LS CRMYLW TRC STN NVFO  
NO SHW

LS CRMGLSSY PR PPRSTY  
TRC SHW WHNCRSH NO ODOR  
NVFO TIGHT N-PR-VPSRTY  
AA  
LS BRGTCRMWHT MCROXYLN  
NVPRSTY NO SHW NO ODOR

LS CRMWHTDULL SOMEISLTD  
PPRSTY TRC STAIN NOODR  
NVFO

LS CRMXYLN TRC INTPRSTY  
NO SHW NO ODR

AA LS LTGRY CHRTY GRY  
IN PART PR-NO VSBLPRSTY  
TIGHT NO ODOR NSHW

AA LS CRMVLTGRY NO SHW  
NO ODOR

AA SLGHTLY CHERTY NOSHW

LS CRMLTGRY CHERTY TRC  
INTPRSTY NO SHW  
SH GRY SOFT CHALKY

LS CRMGLSSY CHERT LTGRY  
TRCFSL NO SHW NO ODOR

LS LTGRYXYLN TRC INTPR-  
STY TRC SHW WHNCRSHD VF  
ODOR NVFO

AA LS CRM-DULL WHT DEAD  
O TRC STAIN NVFO NO ODR

LS CRM-DULLWHT TRC FRCT  
FNT-FR ODOR HVY FO TRC  
STN  
LS CRM TRC OOLTIC STN  
NVFO LS CRM TRC VGS FR-  
GG SHW BRWN O WHN CRSHD  
FR ODOR

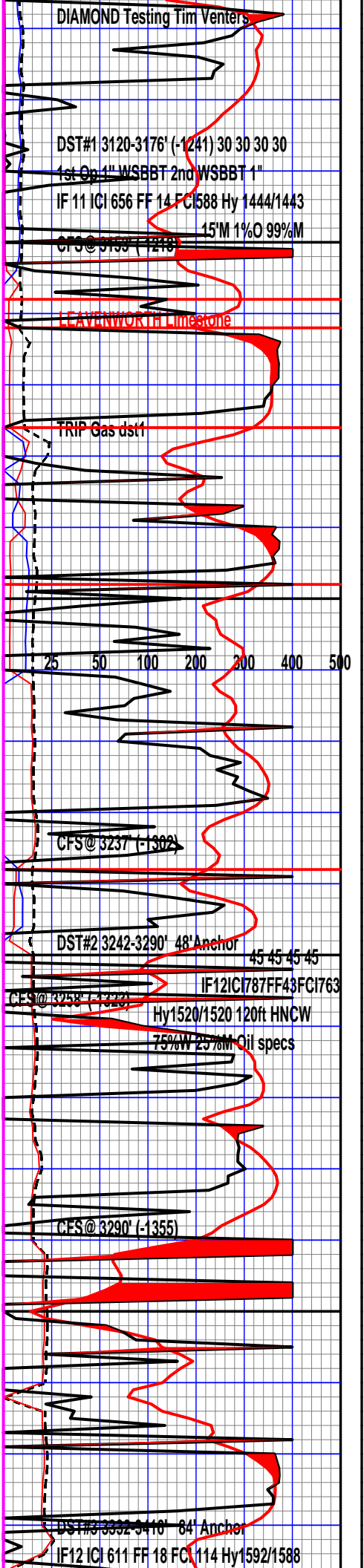
SH GRY  
LS CRM-LTGRYXYLN DENSE  
NVPRSTY NO SHW VFNTODOR

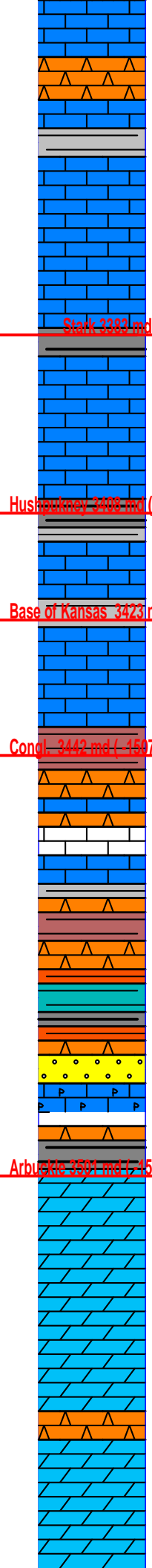
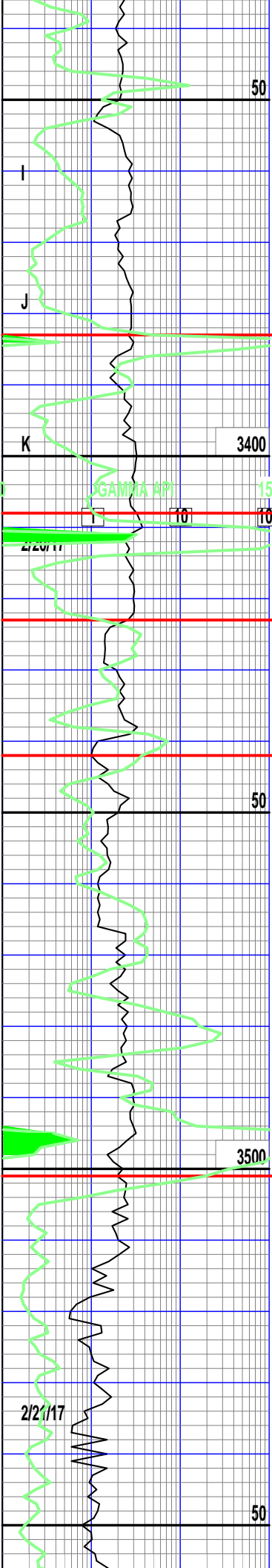
AA LS LTGRY-CRMGRYMICRO  
XYLN HARD/DENSE NO SHW  
NO ODOR

AA

LS CRMDULLTRCOOLTIC V-  
FNT ODOR NO SHW

LS CRMCLR GDVGGY PRSTY  
BRTL NO SHW NO ODOR BE-  
COMNG SURCROSIC GD VSBL  
PRSTY NO SHWS!!





LS CRMLTGRYMDXYLN NVPRSTY NO ODOR NO SHW BECMING CHERT FRCTD TARY O NFFO  
 AA CHERT DULLYLWHT MICRXYLN FSL NO SHW NO ODOR  
 LS CLKY-BRTLE NVPRSTY NO SHW NO ODOR  
 SH DRK GRY

LS VLTGRYTNCRM-MICROXYL DENSE NVPRSTY NO SHW NO ODOR  
 LS CRMDULLWHT-MCROXYLN NVPSTY NO SHW NO ODOR

AA  
 SH BLK  
 LS GRYCLR FR-GD SHW TRC STN FO WHN CRSHD TRCINT PRSTY FN-FR ODOR

AA CHALKY-LS CRM BRITL-SOFT MLKY NO ODOR NO SHW

LS CRM-VLTGRY CHALKY NO SHW NO ODOR

SH VRY DRKGRY-GRYBLK  
 CRM-CRMLTIN-FSLXYLN NVPSTY NO SHW NO ODOR

LS GRycRMFSL-XYLN NVPSTY NO SHW

SH REDBRWN SOTFGUMMY FR ODOR GASSY NVFO

CHERT GRycRM DENDRTIC CRM WHT DO CHERT OLIVE YLW DENSE HARD NO SHW SH'S REDBRWN GRY CHALK MLKY SOFT NO SHWS  
 AA CHERTY CRMTNGRY MCRO FSL NVFO FNT-PR ODOR

AA <LESS SH'S CHERTS W/ MULTI COLORD NVPSTY NO

CHERT VARRIES COLRD NV-SBLE PRSTY NO SHW NOODR

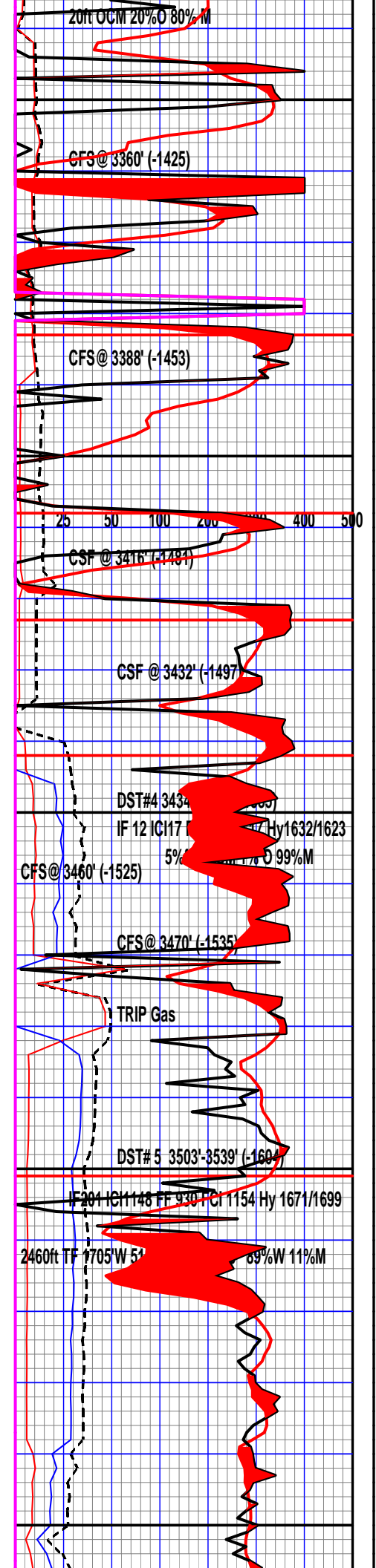
AA >SH BLK <REDBRWN SS CLRGRY BLK DEADO IN GD VSBLPRSTY INTBDDPYRT W/ SS CLR-OFFWHT NODEAD O FR-VSBLEPRSTY NOODOR STEAMOILWITHNEPLONE BRW

AA SH'S BLK  
 DOL GRY DEAD OIL PYRTC  
 DOL TNYLWGRY SURCOSIC FR PRSTY GD ODOR GD SHW OF MDHVYO

AA DOL LTGRY FR-GD PP-PRSTY STRONG ODOR GD SHW TRC FREE OIL FLOATNGOIL TRC OF SOME HEAVY OIL

AA  
 DOL VARISCOLRS MICROXYL CHERTS GRNYLW MICROFSL NVPSTY NO SHW  
 CHERT CRM-VLT TAN FRCTD W/HVYO FAINT ODOR

AA DOL CRMYLW SURCSIC GD VSBLPRSTY NO SHW NO ODOR



Stack 3323 md (-1448 SS)

Hushkney 3400 md (-1473 SS)

Base of Kansas 3423 md (-1488 SS)

Congl 3442 md (-1507 SS)

Arbuckle 3501 md (-1566 SS)

20ft OCM 20% O 80% M

CFS @ 3360' (-1425)

CFS @ 3388' (-1453)

CFS @ 3416' (-1481)

CFS @ 3432' (-1497)

DST#4 3434'

IF 12 ICI17

CFS @ 3460' (-1525)

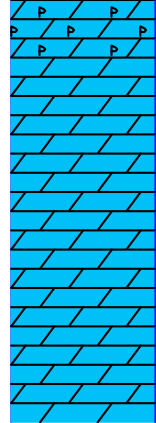
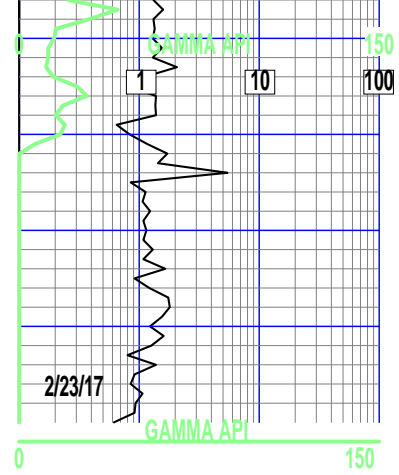
CFS @ 3470' (-1535)

TRIP Gas

DST#5 3503'-3539' (-1604)

IF 201 ICI148 FF 930 ICI1154 Hy 1671/1699

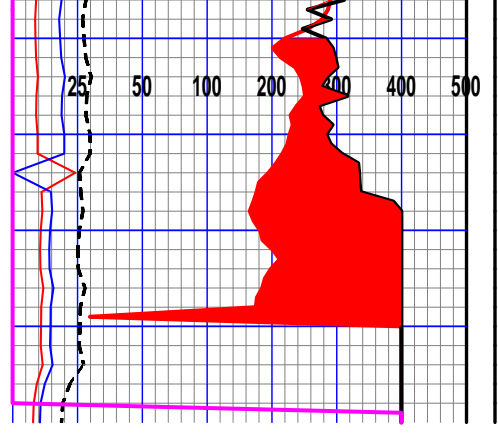
2460ft TF 1705'W 51% 89%W 11%M



AA DOL CRMDULLWHT MICRO  
 XYLN TRC SURCOSIT HVY-O  
 FNT ODOR NVFO

AA < HVY-O

RTD 3600' (-1665) CTCH 60min. for E-log



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