File: GLALL21-MAYCEE.mlw
From 2520 To 4724 KB=3064.0 1
Curve file: C:\mainlog\GLALL21-MAYCEE.mlc
From 0 To 4728 Kb=4725.0

GEOCERTIFIED, LLC

Sand Dolo Lime Chert Anhydrite GY SH
RD SH GN SH ORG SH Carb Sh Salt Granite
Siltstone Coal Bentonite Granite Wash Quartz Wash
Carb Wash Cong Cement SH 1 SH 2 SH 3
SH 4 SH 5 SH 6

ACCESSORIES
GLAUC'C PYRITE FOSSILS OOLITES FRACTURES

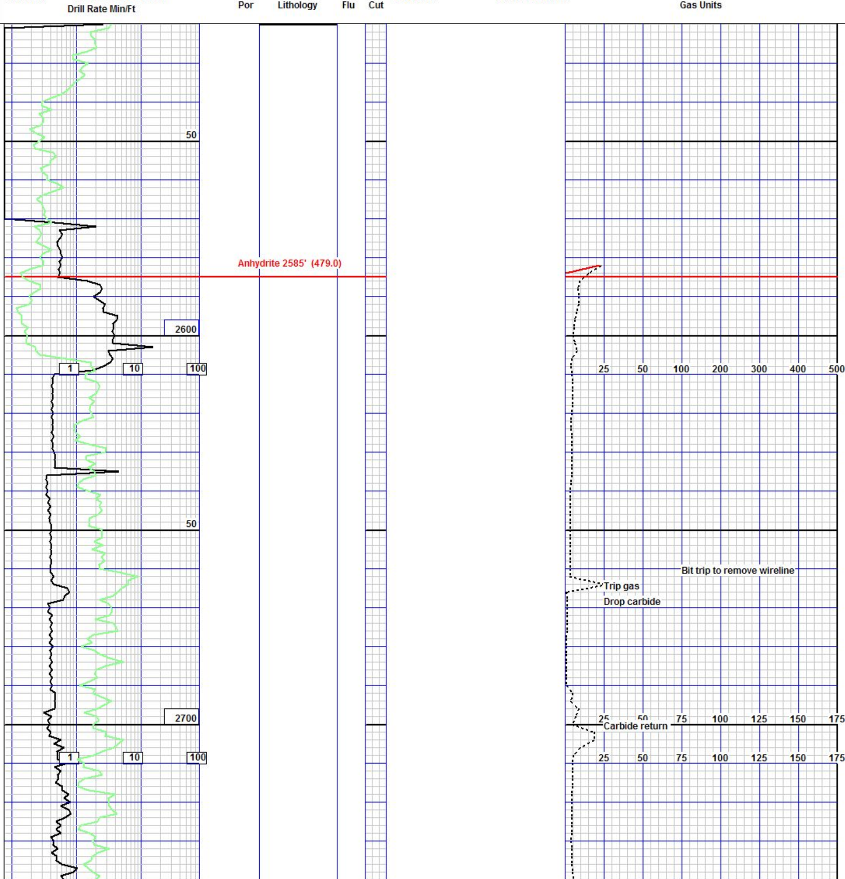
HW ......
C1

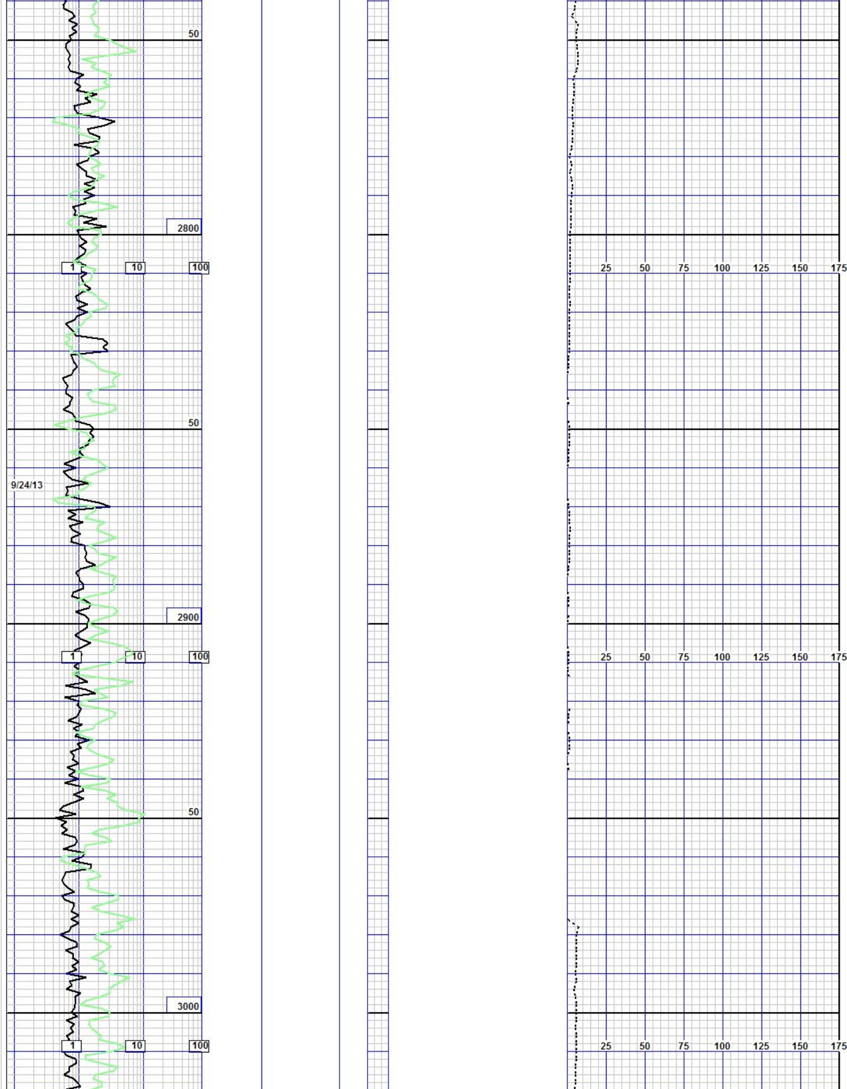
COMPANY : G.L.Allison Oil Operations Inc.
WELL : 21-Maycee
LOCATION : 1100' FNL, 330' FSL or S2-SW-NW-NW Sec.21-T12S-R32W

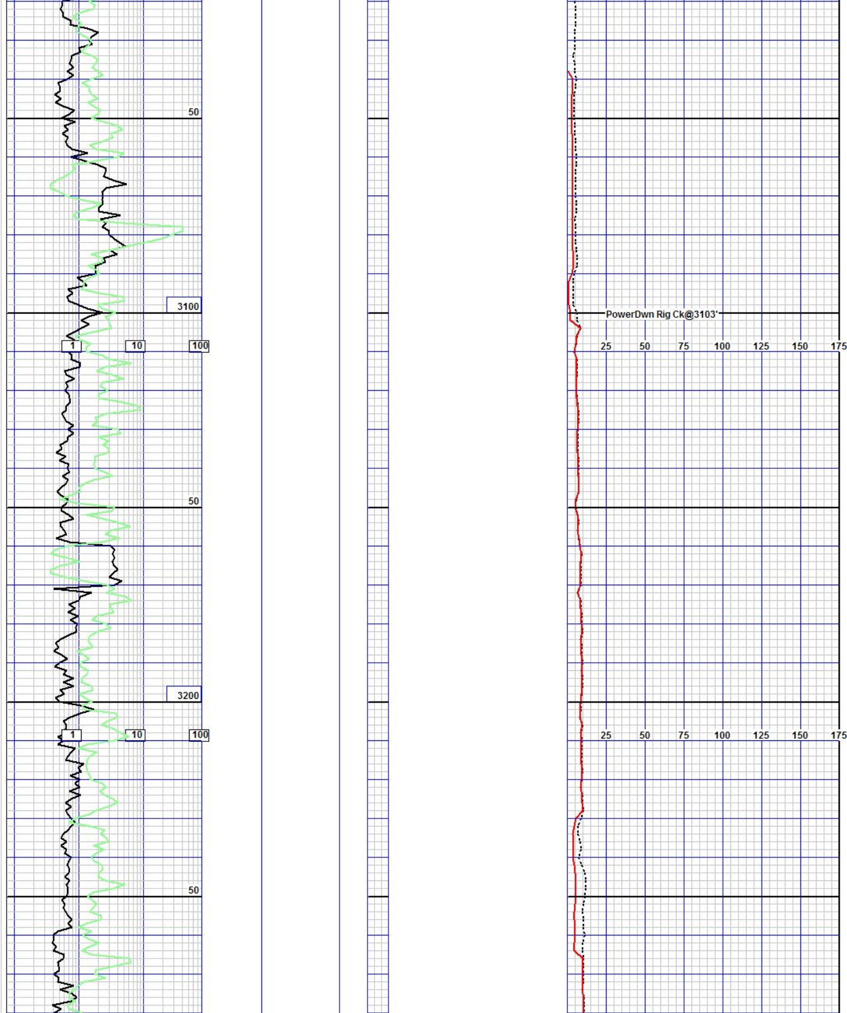
Logan Co., Kansas
API NO. : 15-109-21204-00-00

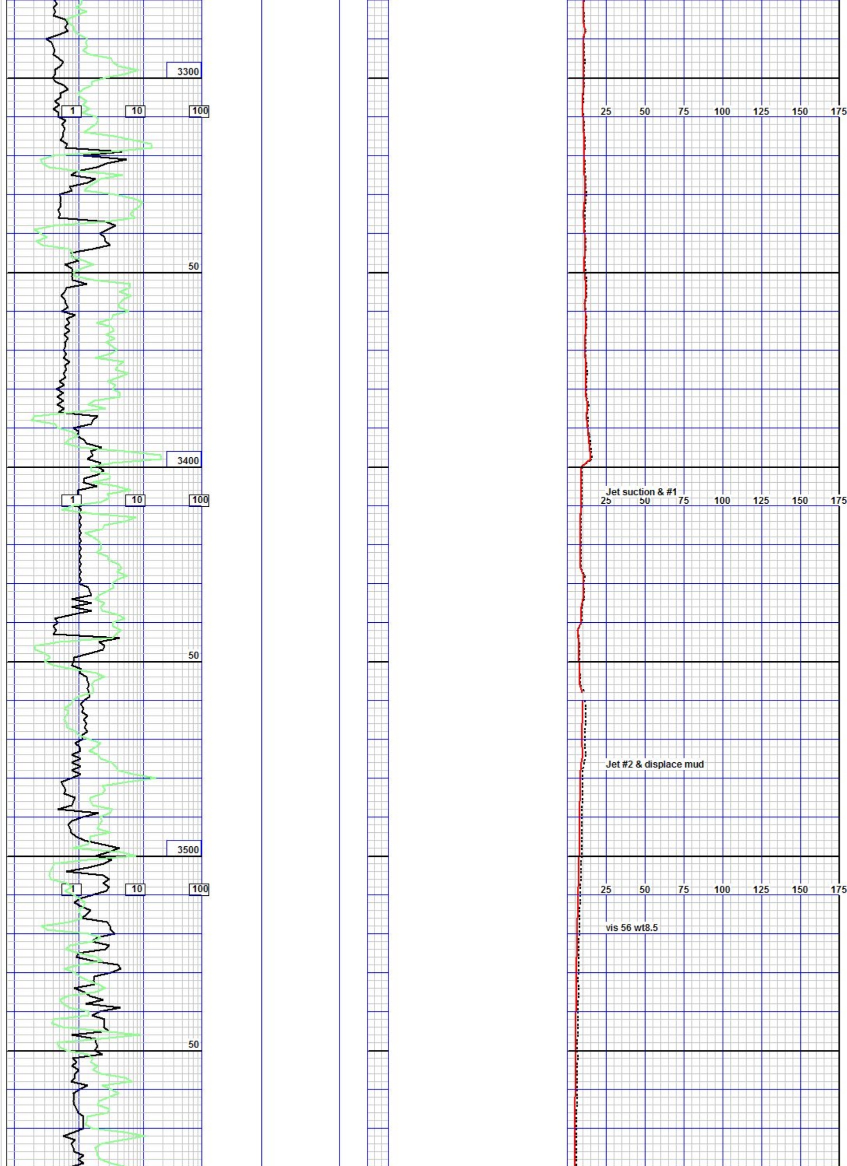
DATES LOGGED : 09/21/2013 to 09/30/2013
DEPTHS LOGGED : 2520' to 4725'
GL : 3057'
KB : 3064'
UNIT No : PickrellRIG 10
LOGGERS : Pioneer/LogTech

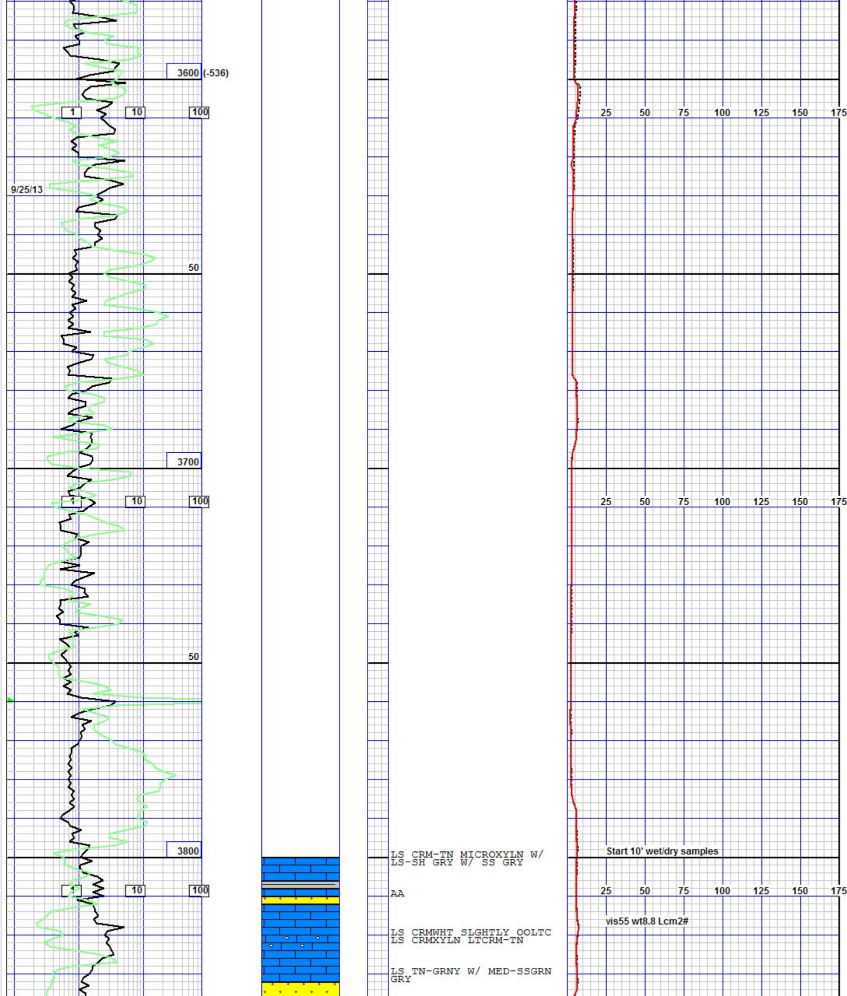
GEOLOGIST: KEVIN BAILEY











LS CRM-TN MICROXYLN W/
LS-SH GRY W/ SS GRY

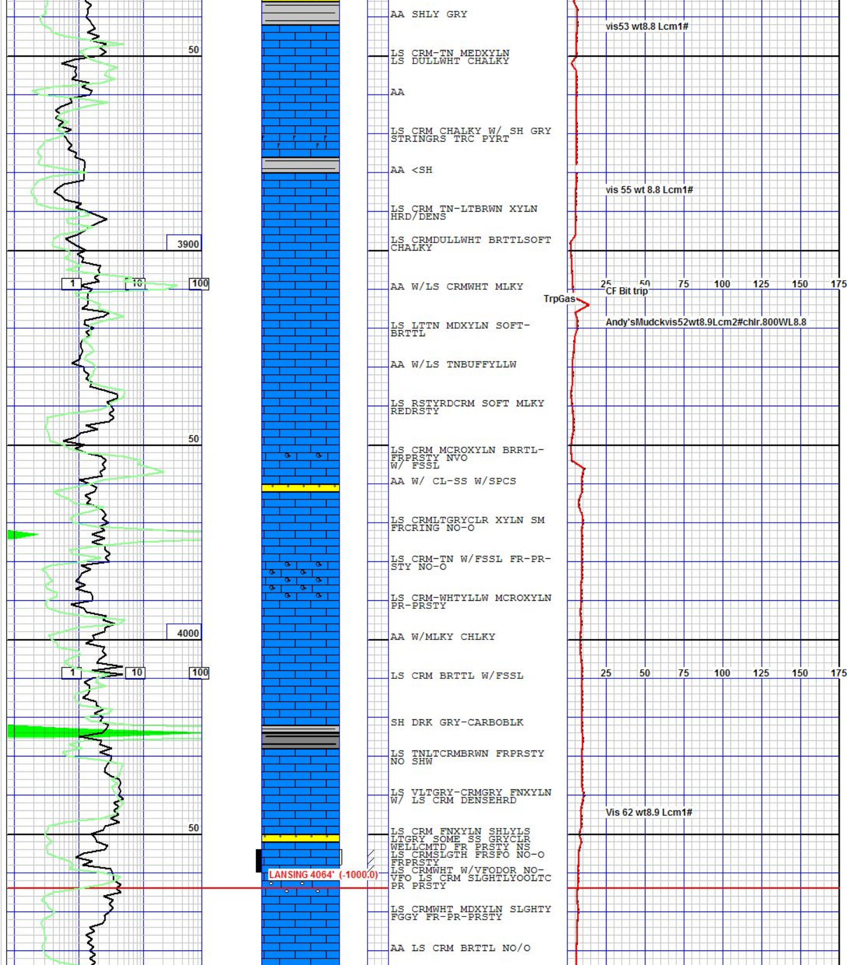
Start 10' wet/dry samples

AA

vis55 wt8.8 Lcm2#

LS CRMWHT SLGHTLY OOLTC
LS CRMXYLN LTCRM-TN

LS TN-GRNY W/ MED-SSGRN
GRY



AA SHLY GRY

LS CRM-TN MEDXYLN
LS DULLWHT CHALKY

AA

LS CRM CHALKY W/ SH GRY
STRINGRS TRC PYRT

AA <SH

LS CRM TN-LTBRWN XYLN
HRD/DENS

LS CRMDULLWHT BRTTLSOFT
CHALKY

AA W/LS CRMWHT MLKY

LS LTTN MDXYLN SOFT-
BRTTL

AA W/LS TNBUFFYLLW

LS RSTYRDCRM SOFT MLKY
REDRSTY

LS CRM MCROXYLN BRRTL-
FRPRSTY NVO
W/ FSSL

AA W/ CL-SS W/SPCS

LS CRMLTGRYCLR XYLN SM
FRCRING NO-O

LS CRM-TN W/FSSL FR-PR-
STY NO-O

LS CRM-WHTYLLW MCROXYLN
PR-PRSTY

AA W/MLKY CHLKY

LS CRM BRTTL W/FSSL

SH DRK GRY-CARBOBLK

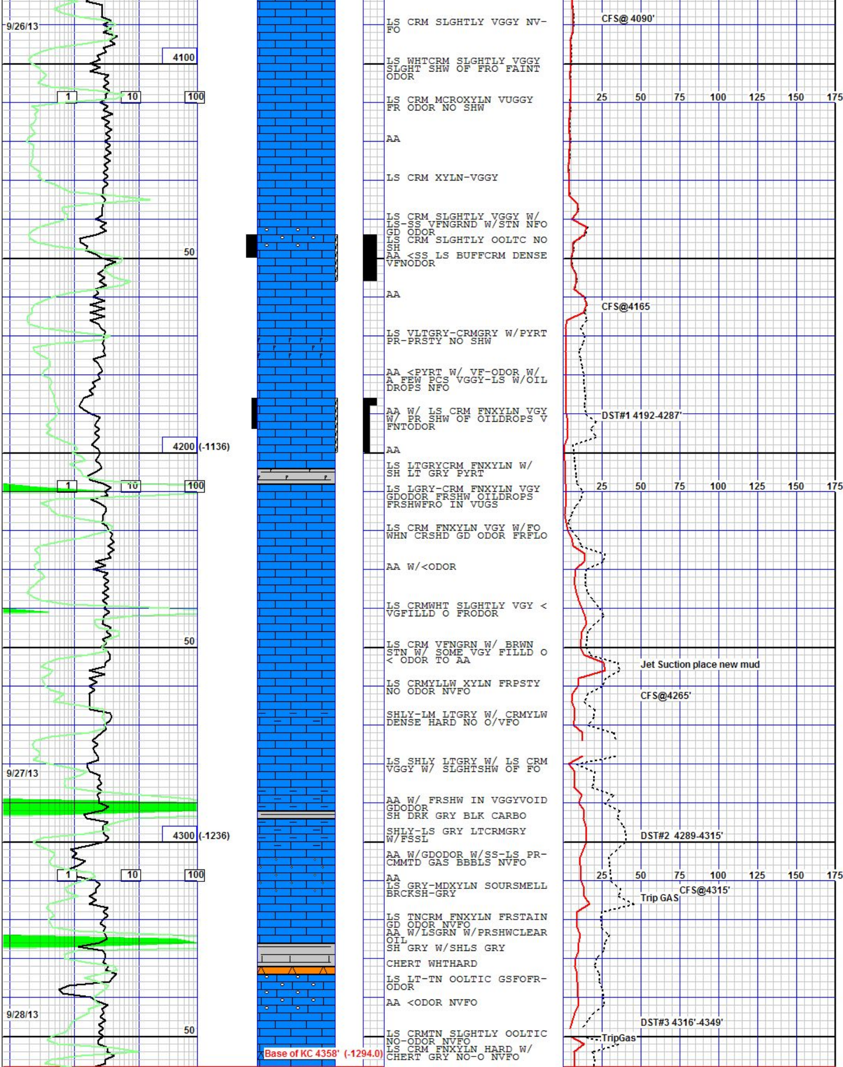
LS TNLTCRMBRWN FRPRSTY
NO SHW

LS VLTGRY-CRMGRY FNXYLN
W/ LS CRM DENSEHRD

LS CRM FNXYLN SHLYLS
LTGRY SOME SS GRYCLR
WELLCMTD FR PRSTY NS
LS CRMSLGTH FRSFO NO-O
FRPRSTY
LS CRMWHT W/VFODOR NO-
VFO LS CRM SLGHTLYOOLTC
PR PRSTY

LS CRMWHT MDXYLN SLGHTY
FGGY FR-PR-PRSTY

AA LS CRM BRTTL NO/O



LS CRM SLGHTLY VGGY NV-FO

LS WHTCRM SLGHTLY VGGY SLGHT SHW OF FRO FAINT ODOR

LS CRM MCROXYLN VUGGY FR ODOR NO SHW

AA

LS CRM XYLN-VGGY

LS CRM SLGHTLY VGGY W/ LS-SS VFNGRND W/STN NFO GD ODOR

LS CRM SLGHTLY OOLTC NO SH

AA <SS LS BUFFCRM DENSE VFNODOR

AA

LS VLTGRY-CRMGRY W/PYRT PR-PRSTY NO SHW

AA <PYRT W/ VF-ODOR W/ A FEW PCS VGGY-LS W/OIL DROPS NFO

AA W/ LS CRM FNXYLN VGY W/ PR SHW OF OILDROPS V FNTODOR

AA

LS LTGRYCRM FNXYLN W/ SH LT GRY PYRT

LS LGRY-CRM FNXYLN VGY GDODOR FRSHW OILDROPS FRSHWFRO IN VUGS

LS CRM FNXYLN VGY W/FO WHN CRSHD GD ODOR FRFLO

AA W/<ODOR

LS CRMWHT SLGHTLY VGY < VGFILLD O FRODOR

LS CRM VFNGRN W/ BRWN STN W/ SOME VGY FILLD O < ODOR TO AA

LS CRMYLLW XYLN FRPSTY NO ODOR NVFO

SHLY-LM LTGRY W/ CRMYLW DENSE HARD NO O/VFO

LS SHLY LTGRY W/ LS CRM VGGY W/ SLGHTSHW OF FO

AA W/ FRSHW IN VGGYVOID GDODOR

SH DRK GRY BLK CARBO

SHLY-LS GRY LTCRMGRY W/FSSL

AA W/GDODOR W/SS-LS PR-CMMTD GAS BBBLS NVFO

AA

LS GRY-MDXYLN SOURSMELL BRCKSH-GRY

LS TNCRM FNXYLN FRSTAIN GD ODOR NVFO

AA W/LSGRN W/PRSHWCLEAR OIL

SH GRY W/SHLS GRY

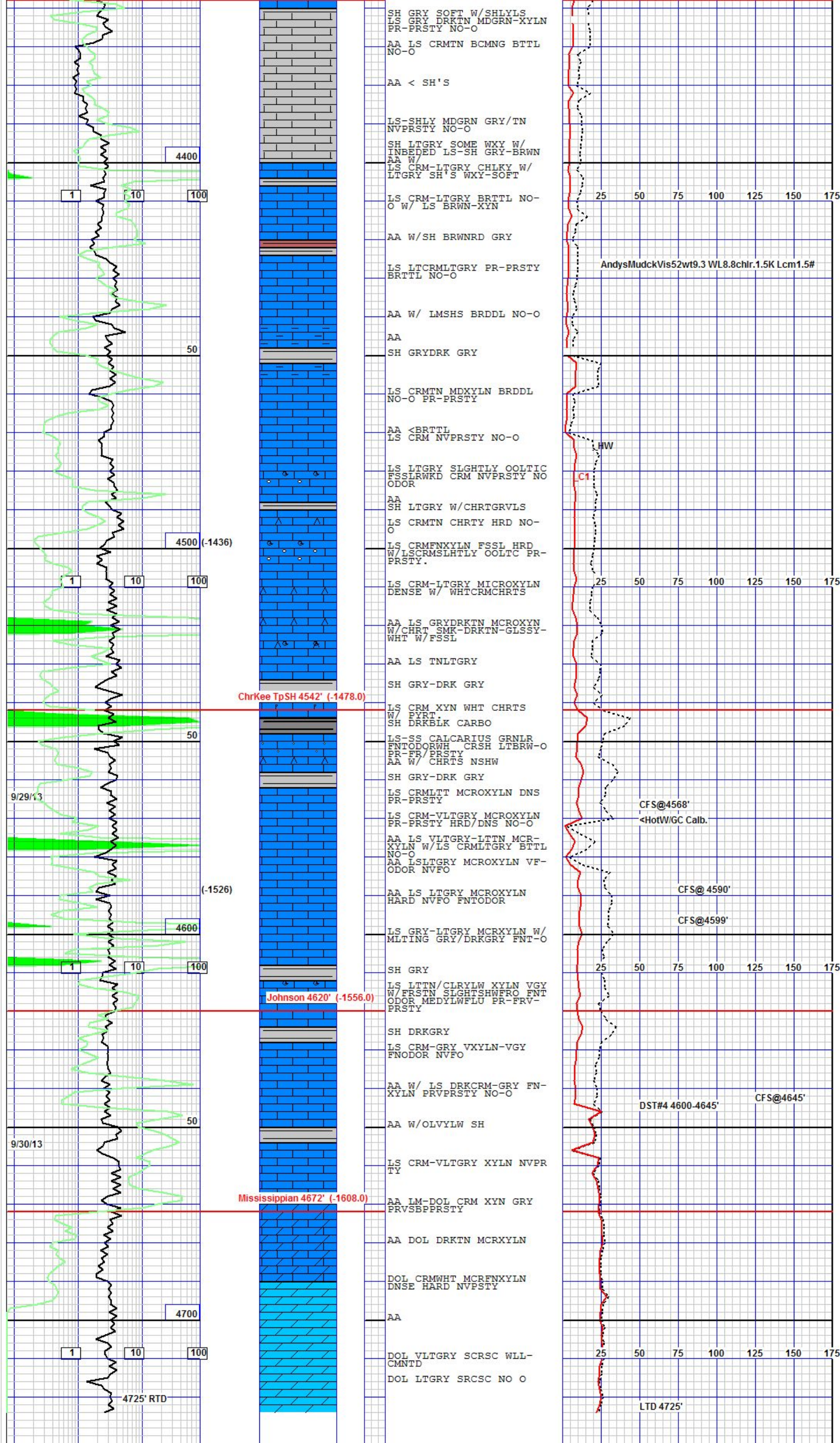
CHERT WHTHARD

LS LT-TN OOLTIC GSFOFR-ODOR

AA <ODOR NVFO

LS CRMTN SLGHTLY OOLTIC NO-ODOR NVFO

LS CRM FNXYLN HARD W/ CHERT GRY NO-O NVFO



SH GRY SOFT W/SHLYLS
LS GRY DRKTN MDGRN-XYLN PR-PRSTY NO-O

AA LS CRMTN BCMNG BTTL NO-O

AA < SH'S

LS-SHLY MDGRN GRY/TN NVPRSTY NO-O

SH LTGRY SOME WXY W/ INBEDED LS-SH GRY-BRWN
AA W/
LS CRM-LTGRY CHLKY W/ LTGRY SH'S WXY-SOFT

LS CRM-LTGRY BRTTL NO-O W/ LS BRWN-XYN

AA W/SH BRWNRD GRY

LS LTCRMLTGRY PR-PRSTY BRTTL NO-O

AndysMudckVis52wt9.3 WL8.8chlr.1.5K Lcm1.5#

AA W/ LMSHS BRDDL NO-O

AA

SH GRYDRK GRY

LS CRMTN MDXYLN BRDDL NO-O PR-PRSTY

AA <BRTTL
LS CRM NVPRSTY NO-O

LS LTGRY SLGHTLY OOLTIC FSSLRWKD CRM NVPRSTY NO ODOR

AA
SH LTGRY W/CHRTGRVLS

LS CRMTN CHRTY HRD NO-O

LS CRMFNXYLN FSSL HRD W/LSCRMSLHTLY OOLTC PR-PRSTY.

LS CRM-LTGRY MICROXYLN DENSE W/ WHTCRMCHRTS

AA LS GRYDRKTN MCROXYN W/CHRT SMK-DRKTN-GLSSY-WHT W/FSSL

AA LS TNLTGRY

SH GRY-DRK GRY

ChrKee TpSH 4542' (-1478.0)

LS CRM XYN WHT CHRTS W/ PYRT.
SH DRKBLK CARBO

LS-SS CALCARIUS GRNLR FNTODORWH CRSH LTBRW-O PR-FR/PRSTY
AA W/ CHRTS NSHW

SH GRY-DRK GRY

LS CRMLTT MCROXYLN DNS PR-PRSTY

CFS@4568'

LS CRM-VLTGRY MCROXYLN PR-PRSTY HRD/DNS NO-O

<HotW/GC Calb.

AA LS VLTGRY-LTTN MCR-XYLN W/LS CRMLTGRY BTTL NO-O
AA LSLTGRY MCROXYLN VF-ODOR NVFO

AA LS LTGRY MCROXYLN HARD NVFO FNTODOR

CFS@ 4590'

CFS@4599'

LS GRY-LTGRY MCRXYLN W/ MLTING GRY/DRKGRY FNT-O

SH GRY

LS LTTN/CLRYLW XYLN VGY W/FRSTN SLGHTSHWFRO FNT ODOR MEDYLWFLU PR-FRV-PRSTY

Johnson 4620' (-1556.0)

SH DRKGRY

LS CRM-GRY VXYLN-VGY FNODOR NVFO

AA W/ LS DRKCRM-GRY FN-XYLN PRVPRSTY NO-O

CFS@4645'

DST#4 4600-4645'

AA W/OLVYLW SH

LS CRM-VLTGRY XYLN NVPRTY

Mississippian 4672' (-1608.0)

AA LM-DOL CRM XYN GRY PRVSBPPRSTY

AA DOL DRKTN MCRXYLN

DOL CRMWHT MCRFNXYLN DNSE HARD NVPSTY

AA

DOL VLTGRY SCRSC WLL-CMNTD

DOL LTGRY SRCSC NO O

LTD 4725'