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

Well Name:	**UMCC "A" #2-17**
API:	**15-119-20,379-00-00**
Location:	**SE - SW of Sec. 17 - T. 30 S. - R. 30 W.**
License Number:	**KCC # 5003**
Region:	**MEADE CO., KS.**
Spud Date:	**10/25/2014**
Drilling Completed:	**11/01/2014**
Surface Coordinates:	**SPOT: 660' FSL & 1980' FWL**
Bottom Hole Coordinates:	
Ground Elevation (ft):	**2819'**
K.B. Elevation (ft):	**2830'**
Logged Interval (ft):	**Surface Cs To: 5700'**
Total Depth (ft):	**5700'**
Formation:	**MISSISSIPPIAN "ST. LOUIS"**
Type of Drilling Fluid:	**CHEMICAL/POLYMER/GEL. & MUD DISPLACEMENT @ 3000'.**

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

OPERATOR

Company: McCOY PETROLEUM CORPORATION KCC LIC. NO. # 5003
Address: 9342 E. CENTRAL
WICHITA, KANSAS 67206-2573

GEOLOGIST

Name: DAVID P. WILLIAMS, P.G.
Company: DW ENERGY, LLC (DWE)
Address: 312 N. BROADVIEW STREET
WICHITA, KANSAS 67208

CASING & DEVIATION

Surface Casing: Spud at 8:00 PM on 10/25/14. Drilled 12-1/4" to 1833'. Ran 44 joints of new 24#, 8-5/8" casing. Tallied 1812' Set at 1828' KB. Welded straps on shoe, bottom 3 joints and top 2 joints. Tacked collars on the remainder, (5) central- izers on joints 1-3-5-7-9. Float insert in top of 1st joint. Cemented with 675 sks Class A; 3% CC, 6% Gel & 1/4# FS. Tailed with 200 sks Class A; 3% CC; 1/4# FS. Cement did circulate. Plug down at 12:15 pm on 10/27/14. Allied Cementing ticket #61666.

Deviation Survey's Taken: @ 1833' = 3/4 degree; @ 5700' = 1 1/4 degree.

DSTs

NONE TAKEN.

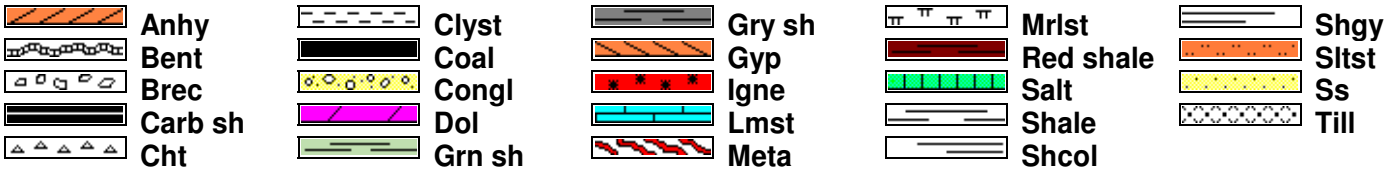
Comments

After review of all geologic samples as examined, combined with the results from analysis from the electric logs run, it was determined by all parties that production casing should be run in order to further evaluate this well.

Respectfully submitted,

David P. Williams, P. G. # 88 KSBTP

ROCK TYPES



ACCESSORIES

MINERAL
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Fuss
- Gastro
- Oolite
- Oomold
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY
- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING
- Well
- Moderate
- Poor

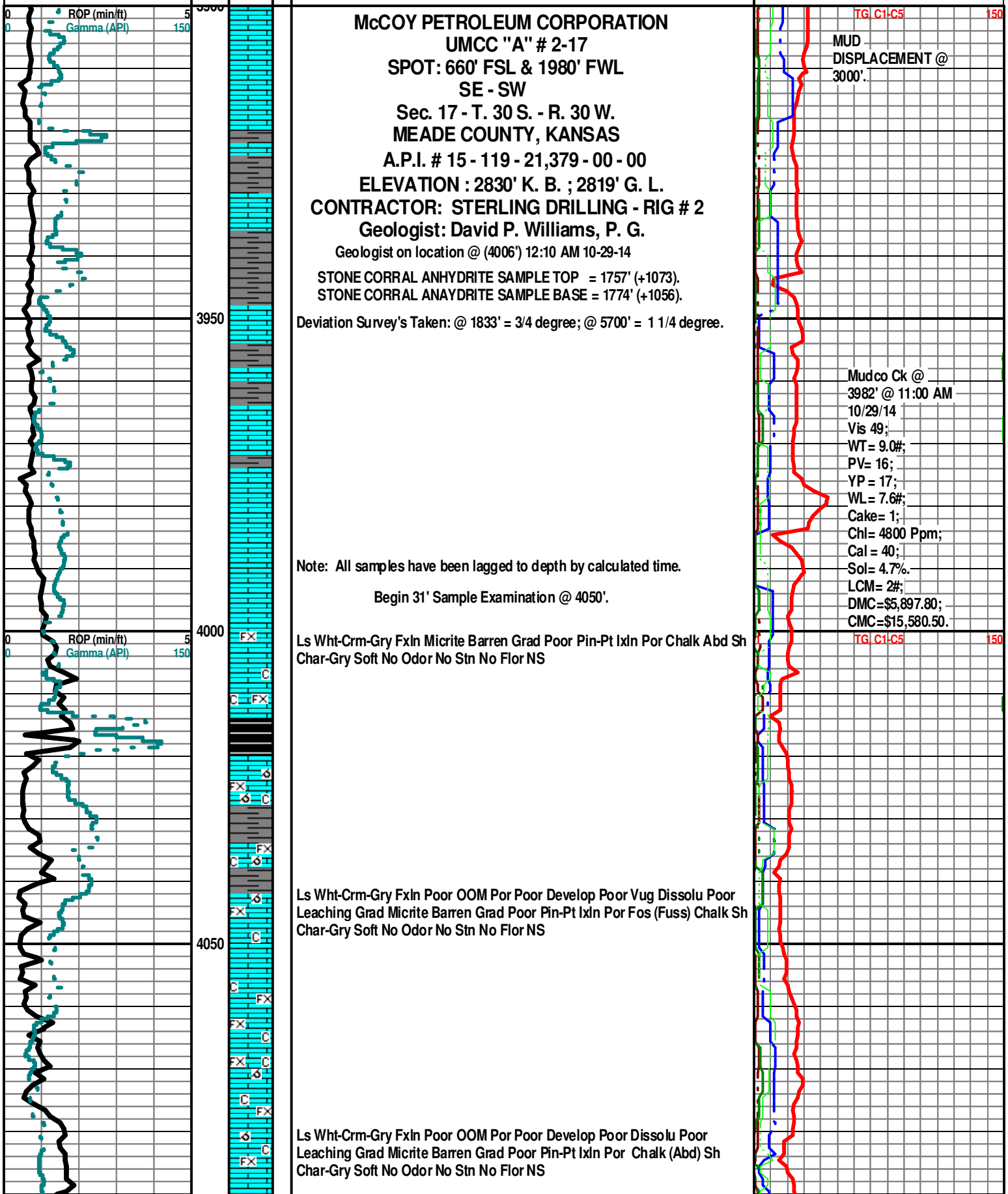
ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

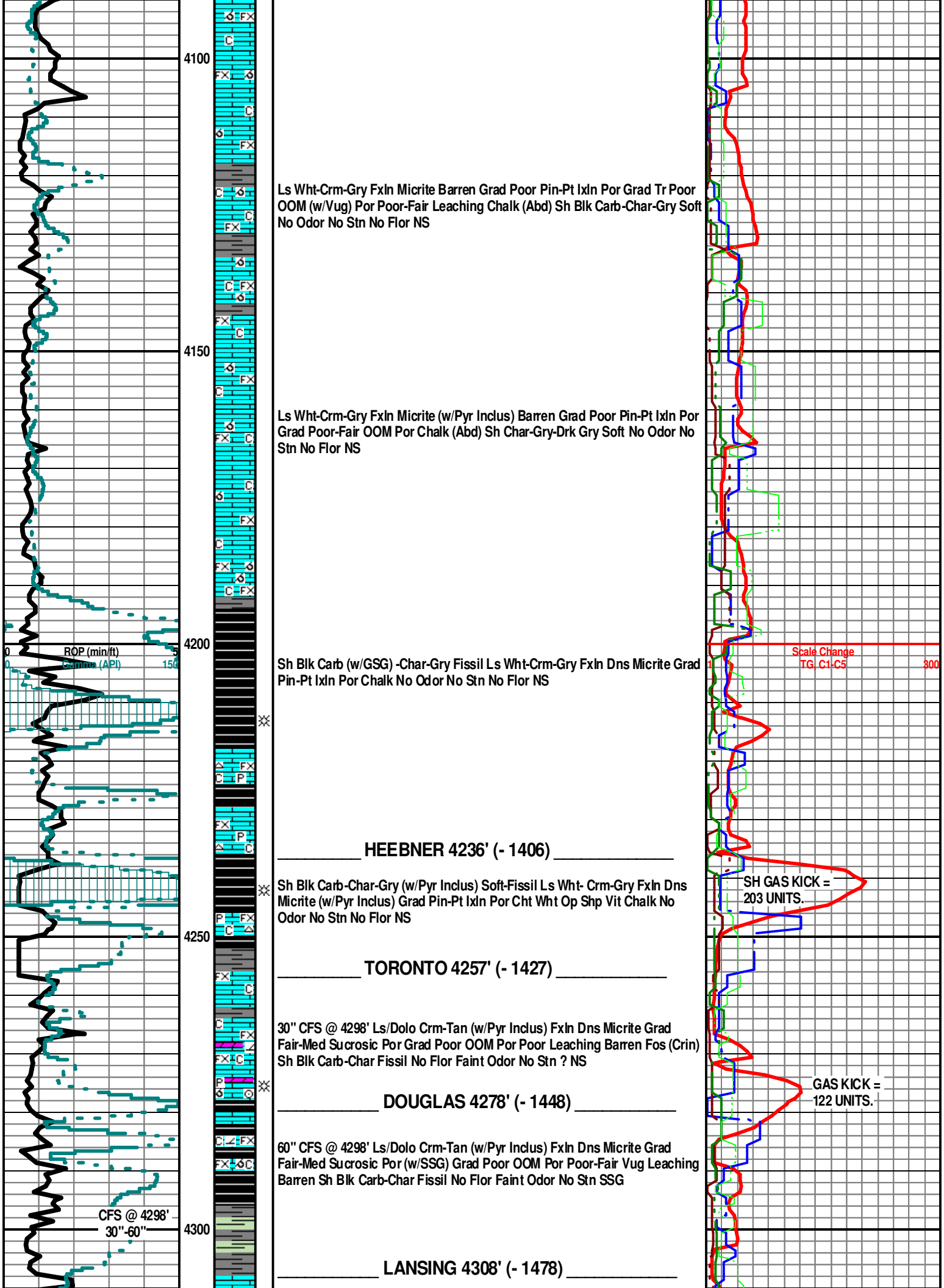
OIL SHOW
- Gas show

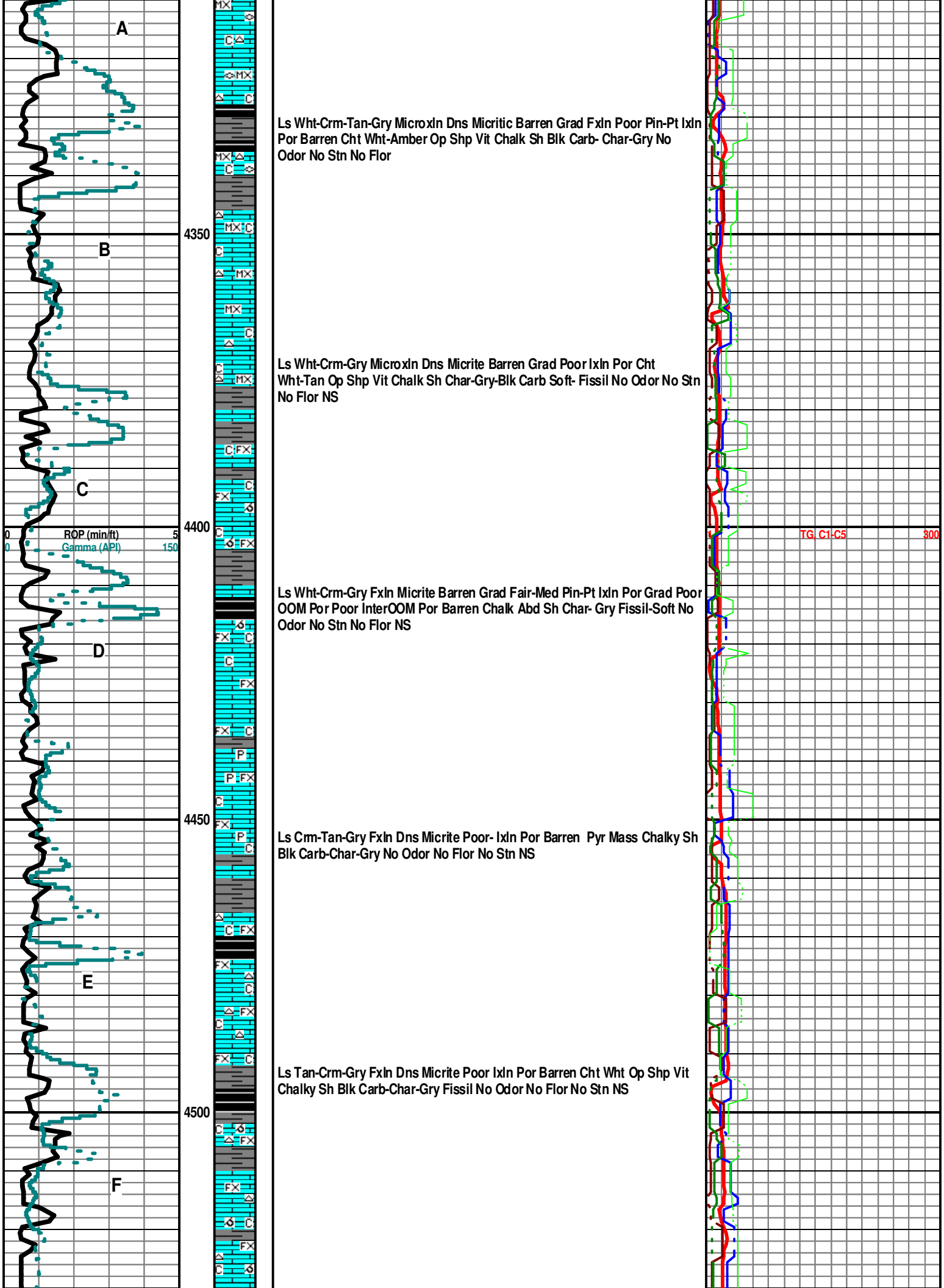
- Even
- Spotted
- Ques
- Dead

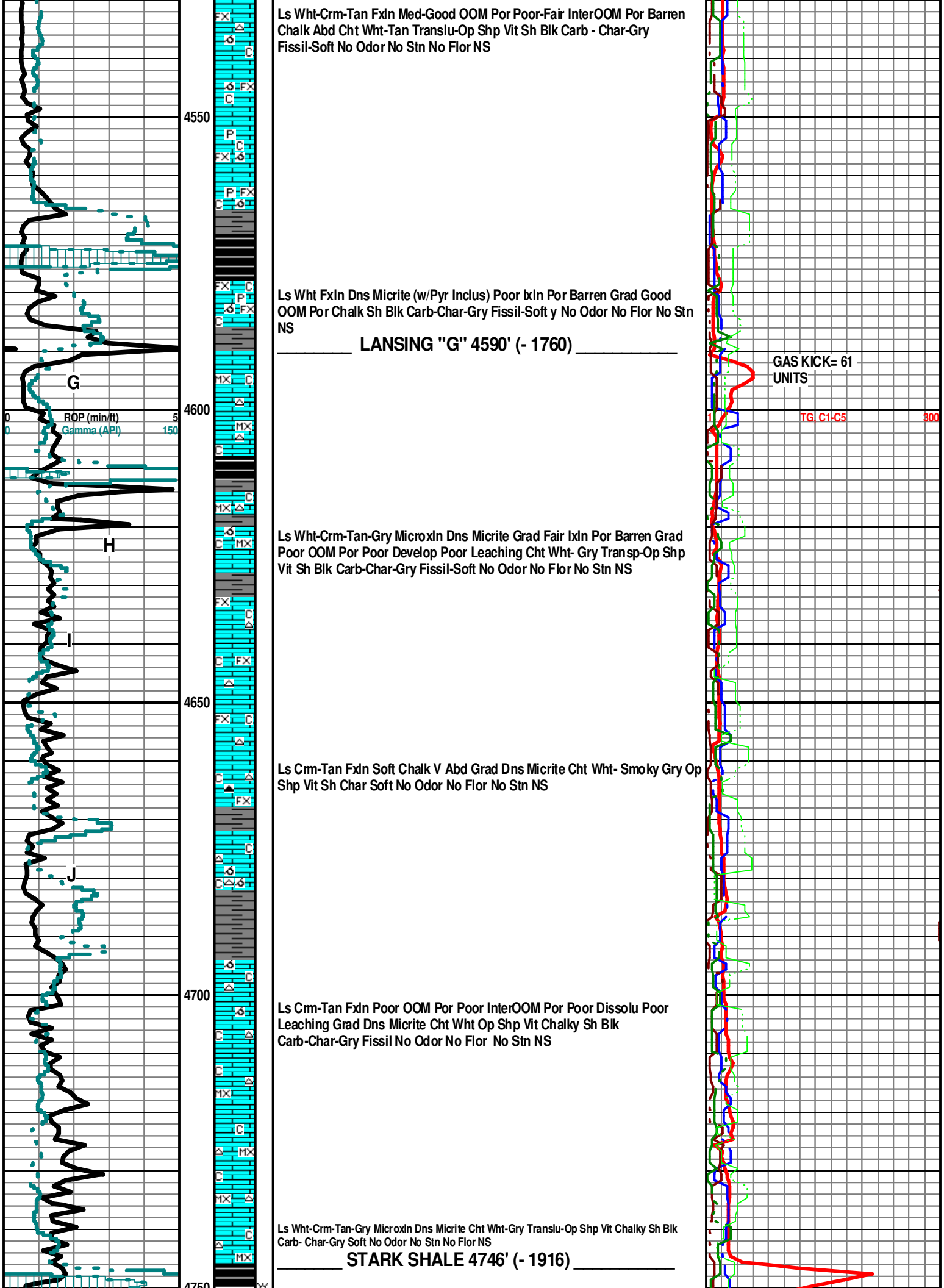
INTERVAL
- Dst
- Dst_alt

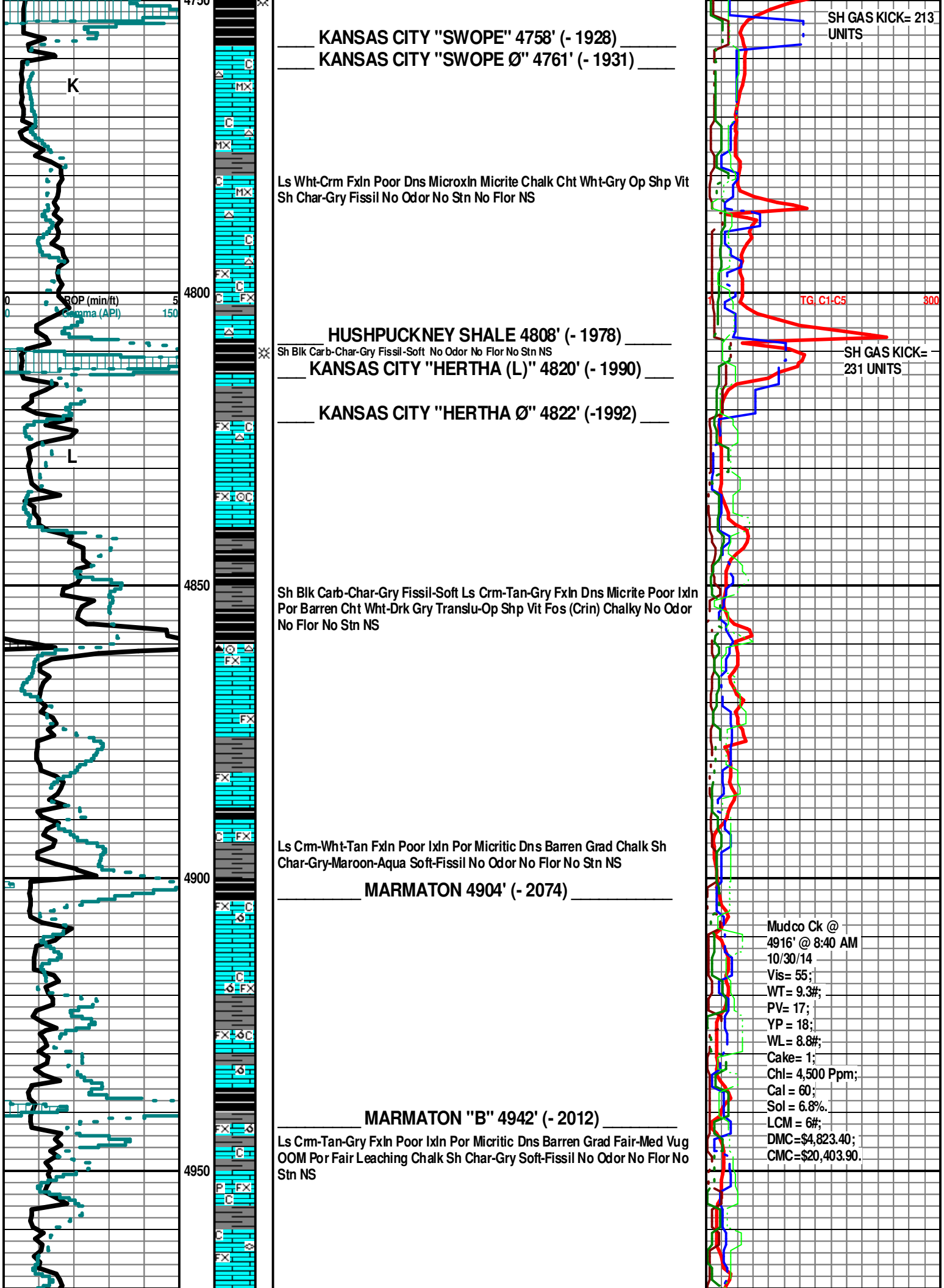
EVENT
- Rft
- Sidewall

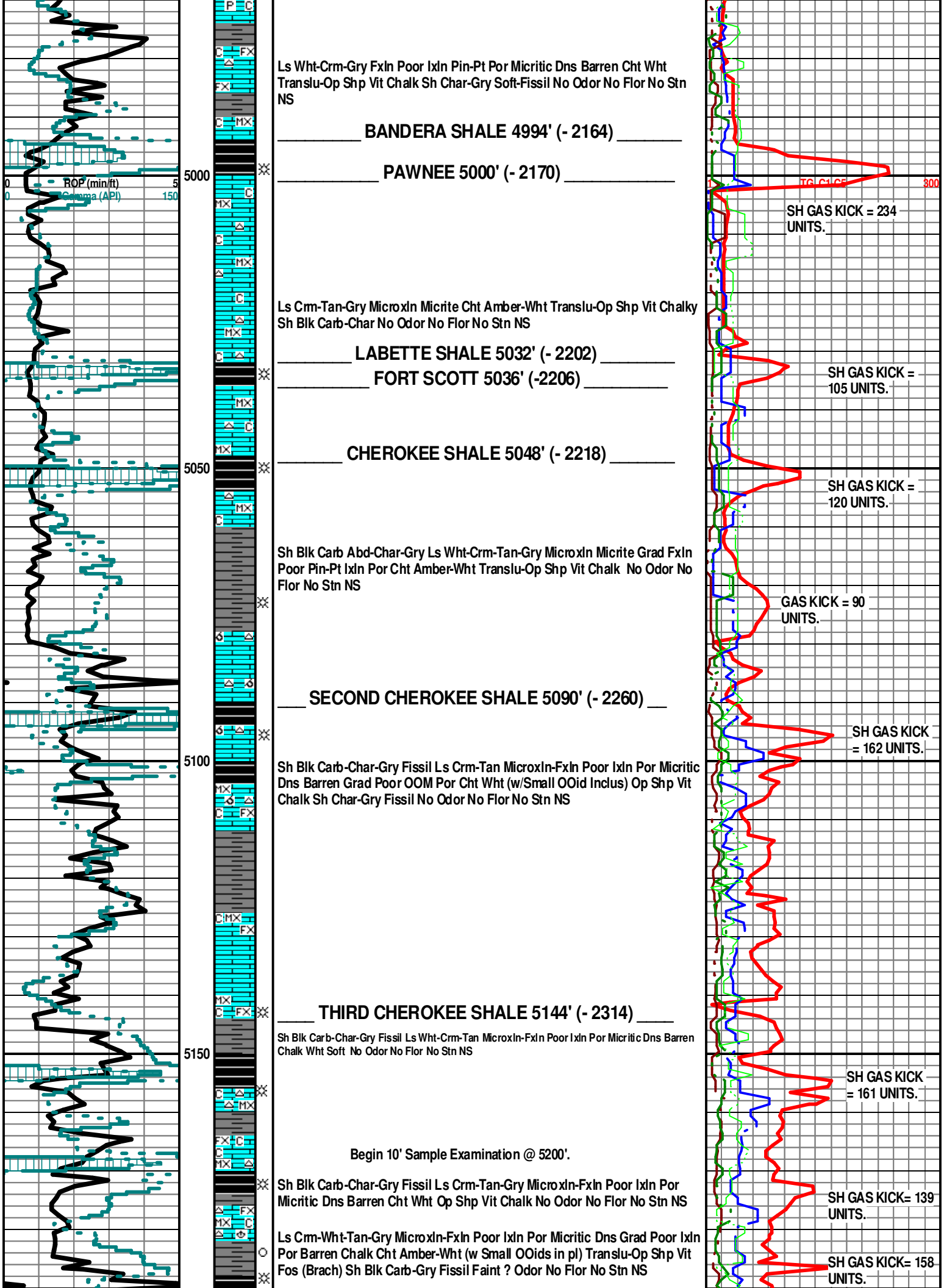

Curve Track 1
ROP (min/ft)
Gamma (API)
Depth
thology
Oil Shows
Geological Descriptions
TG, C1-C5
TG (Units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
0 ROP (min/ft) 5
0 Gamma (API) 150
3950
4000
4050
TG C1-C5 150
McCOY PETROLEUM CORPORATION
UMCC "A" # 2-17
SPOT: 660' FSL & 1980' FWL
SE - SW
Sec. 17 - T. 30 S. - R. 30 W.
MEADE COUNTY, KANSAS
A.P.I. # 15 - 119 - 21,379 - 00 - 00
ELEVATION : 2830' K. B. ; 2819' G. L.
CONTRACTOR: STERLING DRILLING - RIG # 2
Geologist: David P. Williams, P. G.
Geologist on location @ (4006') 12:10 AM 10-29-14
STONE CORRAL ANHYDRITE SAMPLE TOP = 1757' (+1073).
STONE CORRAL ANAYDRITE SAMPLE BASE = 1774' (+1056).
Deviation Survey's Taken: @ 1833' = 3/4 degree; @ 5700' = 1 1/4 degree.
MUD DISPLACEMENT @ 3000'.
Mudco Ck @ 3982' @ 11:00 AM 10/29/14
Vis 49;
WT= 9.0#;
PV= 16;
YP = 17;
WL= 7.6#;
Cake= 1;
Chl= 4800 Ppm;
Cal = 40;
Sol= 4.7%.
LCM= 2#;
DMC=$5,897.80;
CMC=$15,580.50.
Note: All samples have been lagged to depth by calculated time.
Begin 31' Sample Examination @ 4050'.
Ls Wht-Crm-Gry Fxln Micrite Barren Grad Poor Pin-Pt Ixln Por Chalk Abd Sh Char-Gry Soft No Odor No Stn No Flor NS
Ls Wht-Crm-Gry Fxln Poor OOM Por Poor Develop Poor Vug Dissolu Poor Leaching Grad Micrite Barren Grad Poor Pin-Pt Ixln Por Fos (Fuss) Chalk Sh Char-Gry Soft No Odor No Stn No Flor NS
Ls Wht-Crm-Gry Fxln Poor OOM Por Poor Develop Poor Dissolu Poor Leaching Grad Micrite Barren Grad Poor Pin-Pt Ixln Por Chalk (Abd) Sh Char-Gry Soft No Odor No Stn No Flor NS

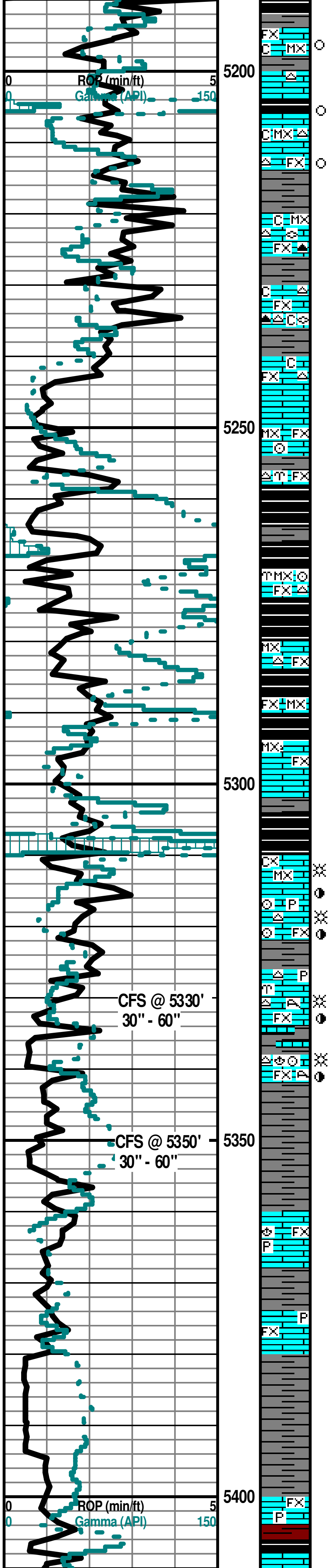

4100
4150
4200
4250
4300
ROP (min/ft)
Gamma (API)
150
Ls Wht-Crm-Gry Fxln Micrite Barren Grad Poor Pin-Pt Ixln Por Grad Tr Poor OOM (w/Vug) Por Poor-Fair Leaching Chalk (Abd) Sh Blk Carb-Char-Gry Soft No Odor No Stn No Flor NS
Ls Wht-Crm-Gry Fxln Micrite (w/Pyr Inclus) Barren Grad Poor Pin-Pt Ixln Por Grad Poor-Fair OOM Por Chalk (Abd) Sh Char-Gry-Drk Gry Soft No Odor No Stn No Flor NS
Sh Blk Carb (w/GSG) -Char-Gry Fissil Ls Wht-Crm-Gry Fxln Dns Micrite Grad Pin-Pt Ixln Por Chalk No Odor No Stn No Flor NS
HEEBNER 4236' (- 1406)
Sh Blk Carb-Char-Gry (w/Pyr Inclus) Soft-Fissil Ls Wht- Crm-Gry Fxln Dns Micrite (w/Pyr Inclus) Grad Pin-Pt Ixln Por Cht Wht Op Shp Vit Chalk No Odor No Stn No Flor NS
TORONTO 4257' (- 1427)
30" CFS @ 4298' Ls/Dolo Crm-Tan (w/Pyr Inclus) Fxln Dns Micrite Grad Fair-Med Sucrosic Por Grad Poor OOM Por Poor Leaching Barren Fos (Crin) Sh Blk Carb-Char Fissil No Flor Faint Odor No Stn ? NS
DOUGLAS 4278' (- 1448)
60" CFS @ 4298' Ls/Dolo Crm-Tan (w/Pyr Inclus) Fxln Dns Micrite Grad Fair-Med Sucrosic Por (w/SSG) Grad Poor OOM Por Poor-Fair Vug Leaching Barren Sh Blk Carb-Char Fissil No Flor Faint Odor No Stn SSG
LANSING 4308' (- 1478)
CFS @ 4298'
30"-60"
Scale Change
TG, C1-C5
300
SH GAS KICK =
203 UNITS.
GAS KICK =
122 UNITS.


A
B
C
D
E
F
4350
4400
4450
4500
0
ROP (min/ft)
5
0
Gamma (API)
150
TG, C1-C5
300
Ls Wht-Crm-Tan-Gry Microxln Dns Micritic Barren Grad Fxln Poor Pin-Pt Ixln Por Barren Cht Wht-Amber Op Shp Vit Chalk Sh Blk Carb- Char-Gry No Odor No Stn No Flor
Ls Wht-Crm-Gry Microxln Dns Micrite Barren Grad Poor Ixln Por Cht Wht-Tan Op Shp Vit Chalk Sh Char-Gry-Blk Carb Soft- Fissil No Odor No Stn No Flor NS
Ls Wht-Crm-Gry Fxln Micrite Barren Grad Fair-Med Pin-Pt Ixln Por Grad Poor OOM Por Poor InterOOM Por Barren Chalk Abd Sh Char- Gry Fissil-Soft No Odor No Stn No Flor NS
Ls Crm-Tan-Gry Fxln Dns Micrite Poor- Ixln Por Barren Pyr Mass Chalky Sh Blk Carb-Char-Gry No Odor No Flor No Stn NS
Ls Tan-Crm-Gry Fxln Dns Micrite Poor Ixln Por Barren Cht Wht Op Shp Vit Chalky Sh Blk Carb-Char-Gry Fissil No Odor No Flor No Stn NS


Ls Wht-Crm-Tan Fxln Med-Good OOM Por Poor-Fair InterOOM Por Barren Chalk Abd Cht Wht-Tan Translu-Op Shp Vit Sh Blk Carb - Char-Gry Fissil-Soft No Odor No Stn No Flor NS
4550
Ls Wht Fxln Dns Micrite (w/Pyr Inclus) Poor Ixln Por Barren Grad Good OOM Por Chalk Sh Blk Carb-Char-Gry Fissil-Soft y No Odor No Flor No Stn NS
LANSING "G" 4590' (- 1760)
GAS KICK= 61 UNITS
G
0 ROP (min/ft) 5
0 Gamma (API) 150
4600
1 TG, C1-C5 300
Ls Wht-Crm-Tan-Gry Microxln Dns Micrite Grad Fair Ixln Por Barren Grad Poor OOM Por Poor Develop Poor Leaching Cht Wht- Gry Transp-Op Shp Vit Sh Blk Carb-Char-Gry Fissil-Soft No Odor No Flor No Stn NS
H
I
4650
Ls Crm-Tan Fxln Soft Chalk V Abd Grad Dns Micrite Cht Wht- Smoky Gry Op Shp Vit Sh Char Soft No Odor No Flor No Stn NS
J
4700
Ls Crm-Tan Fxln Poor OOM Por Poor InterOOM Por Poor Dissolu Poor Leaching Grad Dns Micrite Cht Wht Op Shp Vit Chalky Sh Blk Carb-Char-Gry Fissil No Odor No Flor No Stn NS
Ls Wht-Crm-Tan-Gry Microxln Dns Micrite Cht Wht-Gry Translu-Op Shp Vit Chalky Sh Blk Carb- Char-Gry Soft No Odor No Stn No Flor NS
STARK SHALE 4746' (- 1916)
4750


K
L
ROP (min/ft)
Gamma (API)
4750
4800
4850
4900
4950
SH GAS KICK= 213 UNITS
TG C1-C5
SH GAS KICK= 231 UNITS
KANSAS CITY "SWOPE" 4758' (- 1928)
KANSAS CITY "SWOPE Ø" 4761' (- 1931)
Ls Wht-Crm Fxln Poor Dns Microxln Micrite Chalk Cht Wht-Gry Op Shp Vit Sh Char-Gry Fissil No Odor No Stn No Flor NS
HUSHPUCKNEY SHALE 4808' (- 1978)
Sh Blk Carb-Char-Gry Fissil-Soft No Odor No Flor No Stn NS
KANSAS CITY "HERTHA (L)" 4820' (- 1990)
KANSAS CITY "HERTHA Ø" 4822' (-1992)
Sh Blk Carb-Char-Gry Fissil-Soft Ls Crm-Tan-Gry Fxln Dns Micrite Poor Ixln Por Barren Cht Wht-Drk Gry Translu-Op Shp Vit Fos (Crin) Chalky No Odor No Flor No Stn NS
Ls Crm-Wht-Tan Fxln Poor Ixln Por Micritic Dns Barren Grad Chalk Sh Char-Gry-Maroon-Aqua Soft-Fissil No Odor No Flor No Stn NS
MARMATON 4904' (- 2074)
Mudco Ck @ 4916' @ 8:40 AM 10/30/14
Vis= 55;
WT= 9.3#;
PV= 17;
YP = 18;
WL= 8.8#;
Cake= 1;
Chl= 4,500 Ppm;
Cal = 60;
Sol = 6.8%.
LCM = 6#;
DMC=$4,823.40;
CMC=$20,403.90.
MARMATON "B" 4942' (- 2012)
Ls Crm-Tan-Gry Fxln Poor Ixln Por Micritic Dns Barren Grad Fair-Med Vug OOM Por Fair Leaching Chalk Sh Char-Gry Soft-Fissil No Odor No Flor No Stn NS


0 ROP (min/ft) 5
0 Gamma (API) 150
5000
5050
5100
5150
TG C1 C2 300
Ls Wht-Crm-Gry Fxln Poor Ixln Pin-Pt Por Micritic Dns Barren Cht Wht Translu-Op Shp Vit Chalk Sh Char-Gry Soft-Fissil No Odor No Flor No Stn NS
BANDERA SHALE 4994' (- 2164)
PAWNEE 5000' (- 2170)
SH GAS KICK = 234 UNITS.
Ls Crm-Tan-Gry Microxln Micrite Cht Amber-Wht Translu-Op Shp Vit Chalky Sh Blk Carb-Char No Odor No Flor No Stn NS
LABETTE SHALE 5032' (- 2202)
FORT SCOTT 5036' (-2206)
SH GAS KICK = 105 UNITS.
CHEROKEE SHALE 5048' (- 2218)
SH GAS KICK = 120 UNITS.
Sh Blk Carb Abd-Char-Gry Ls Wht-Crm-Tan-Gry Microxln Micrite Grad Fxln Poor Pin-Pt Ixln Por Cht Amber-Wht Translu-Op Shp Vit Chalk No Odor No Flor No Stn NS
GAS KICK = 90 UNITS.
SECOND CHEROKEE SHALE 5090' (- 2260)
SH GAS KICK = 162 UNITS.
Sh Blk Carb-Char-Gry Fissil Ls Crm-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Grad Poor OOM Por Cht Wht (w/Small OOid Inclus) Op Shp Vit Chalk Sh Char-Gry Fissil No Odor No Flor No Stn NS
THIRD CHEROKEE SHALE 5144' (- 2314)
Sh Blk Carb-Char-Gry Fissil Ls Wht-Crm-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Chalk Wht Soft No Odor No Flor No Stn NS
SH GAS KICK = 161 UNITS.
Begin 10' Sample Examination @ 5200'.
Sh Blk Carb-Char-Gry Fissil Ls Crm-Tan-Gry Microxln-Fxln Poor Ixln Por Micritic Dns Barren Cht Wht Op Shp Vit Chalk No Odor No Flor No Stn NS
SH GAS KICK= 139 UNITS.
Ls Crm-Wht-Tan-Gry Microxln-Fxln Poor Ixln Por Micritic Dns Grad Poor Ixln Por Barren Chalk Cht Amber-Wht (w Small OOids in pl) Translu-Op Shp Vit Fos (Brach) Sh Blk Carb-Gry Fissil Faint ? Odor No Flor No Stn NS
SH GAS KICK= 158 UNITS.



Sh Blk Carb-Char-Gry Fissi Ls Crm-Tan-Gry Microxln-Fxln Poor Ixln Por Micritic Dns Barren Chalk Cht-Gry Op Shp Vit Faint ? Odor No Flor No Stn NS

Sh Blk Carb-Char-Gry Fissi Ls Crm-Tan-Gry Microxln-Fxln Poor Ixln Por Micritic Dns Barren Chalk Cht-Gry Op Shp Vit I Faint ? Odor No Flor No Stn NS

Ls Crm-Wht-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Chalk Cht Amber-Wht Translu-Op Shp Vit Sh Char-Grn/Gry (Banded)- Blk Carb-Aqua Fissil Faint ? Odor No Flor No Stn NS

Ls Crm-Wht-Tan Fxln Poor Ixln Por Micritic Dns Barren Chalk Cht Drk Blk-Wht (w/Fos (Fuss) Inclus) Op Shp Vit Sh Char-Gry-Tr Blk Carb Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan Fxln Poor Ixln Por Micritic Dns Barren Chalk Cht Drk Blk-Wht (w/Fos (Fuss) Inclus) Op Shp Vit Sh Char-Gry-Tr Blk Carb Fissil No Odor No Flor No Stn NS

Ls Crm-Wht-Tan Fxln Poor Ixln Por Micritic Dns Barren Chalk Cht Drk Blk-Wht (w/Fos (Fuss) Inclus) Op Shp Vit Sh Char-Gry-Tr Blk Carb Fissil No Odor No Flor No Stn NS

Sh Blk Carb-Char-Gry Fissil Ls Crm-Wht-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Cht Wht Op Shp Vit Fos (Bry, Porifera, Spicule) No Odor No Flor No Stn NS

ATOKA SHALE 5260' (- 2430)

Sh Blk Carb-Char-Gry Fissil Ls Crm-Wht-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Cht Wht Op Shp Vit Fos (Bry, Porifera, Spicule) No Odor No Flor No Stn NS

Sh Blk Carb-Char-Gry Fissil Ls Crm-Wht-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Cht Wht (w/Fos Porifera, Spicule) Inclus) Op Shp Vit Chalk No Odor No Flor No Stn NS

Sh Char-Gry-Blk Carb Soft-Fissil Ls Crm-Wht-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Grad Poor Pin-Pt Por (w/Chlorite Inclus) Cht Wht Op Shp Vit Chalk No Odor No Flor No Stn NS

Sh Char-Gry-Blk Carb Soft-FissilLs Crm-Wht-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Cht Wht Op Shp Vit Chalk No Odor No Flor No Stn NS

Ls Crm-Wht-Tan Microxln-Fxln Poor Ixln Por Micritic Dns Barren Cht Wht-Amber Op Shp Vit Chalky Sh Char-Gry-Blk Carb Soft-Fissil No Odor No Flor No Stn NS

MORROW SHALE 5306' (- 2476)

Sh Blk Carb-Char Fissil

MISSISSIPPIAN CHESTER 5310' (- 2480)

30" CFS @ 5330' Ls Crm-Tan Fxln Micrite (w/Pyr Inclus) Grad Fair-Med Ixln (Sli Sucrosic) Pin-Pt "Salt & Pepper" Vug Por (w/Matted Fos (Crin) Inclus) Por Fair Leaching Friable MSG & MSO (Gas & Oil Do Not Flor) (MSG & MSFO w/Broken In Wtr Under Heat) Cht Wht Op Shp Vit Pyr Mass Sh Blk Carb-Char-Gry Fissil Fair Inc Odor Lt Brn-Drk Stn (Abd) No Flor FSG & FSO

60" CFS @ 5330' Ls Crm-Tan Fxln Micrite (w/Pyr Inclus) Grad Fair-Med Ixln (Sli Sucrosic) Pin-Pt "Salt & Pepper" Vug Por (w/Matted Fos (Crin) Inclus) Por Fair Leaching Friable MSG & MSO (Gas & Oil Do Not Flor) (MSG & MSFO w/Broken In Wtr Under Heat) Cht Wht Op Shp Vit Pyr Mass Sh Blk Carb-Char-Gry Fissil Fair Inc Odor Lt Brn-Drk Stn (Abd) No Flor FSG & FSO

30" CFS @ 5350' Ls Crm-Tan-Gry Fxln Med-Good Ixln Vug Pin-Pt Por (w/Matted Fos Inclus (Bry, Coral, Crin) Por Friable Med-Good GSFG & GSFO (in Tray) Cht Amber-Wht Translu-Op Shp Vit Sh Blk Carb-Char-Aqua Fissil Inc. Good Odor Good Sat Stn (Lt Brn-Hvy Drk Blk Sat) No Flor GSG & GSO

60" CFS @ 5350' Ls Crm-Tan-Gry Fxln Med-Good Ixln Vug Pin-Pt Por (w/Matted Fos Inclus (Brach, Coral, Crin) Por Friable Med-Good GSFG & GSFO (in Tray) Cht Amber-Wht Translu-Op Shp Vit Sh Blk Carb-Char-Aqua Fissil Inc. Good Odor Good Sat Stn (Lt Brn-Hvy Drk Blk Sat) No Flor GSG & GSO

Sh Char- Gry- Drab Grn-Blk Carb Fissil Ls Wht-Crm- Gry Microxln -Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/Streaks Pyr Inclus) Pyr Mass Fos (Brach) No Odor No Flor NS

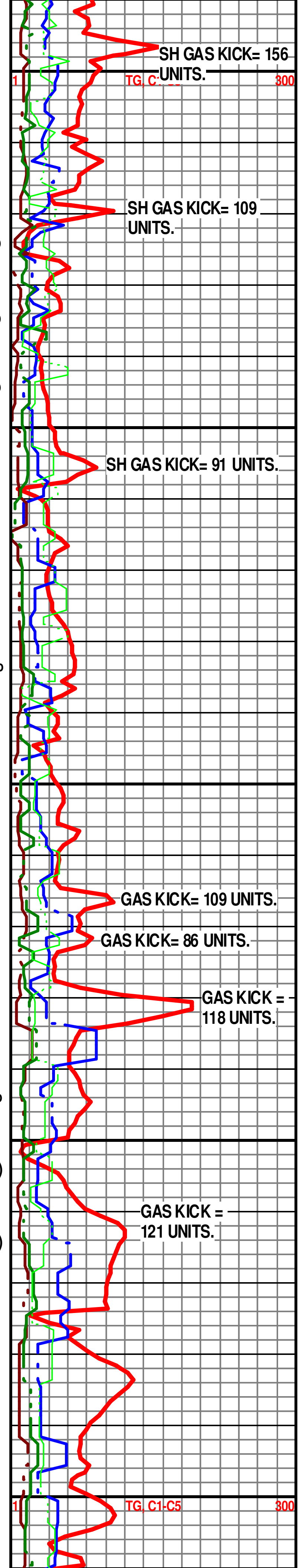
Sh Char-Gry-Drab Grn-Blk Carb Fissil Ls Wht-Crm-Gry Microxln -Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/Streaks Pyr Inclus) Pyr Mass Fos (Brach) No Odor No Flor NS

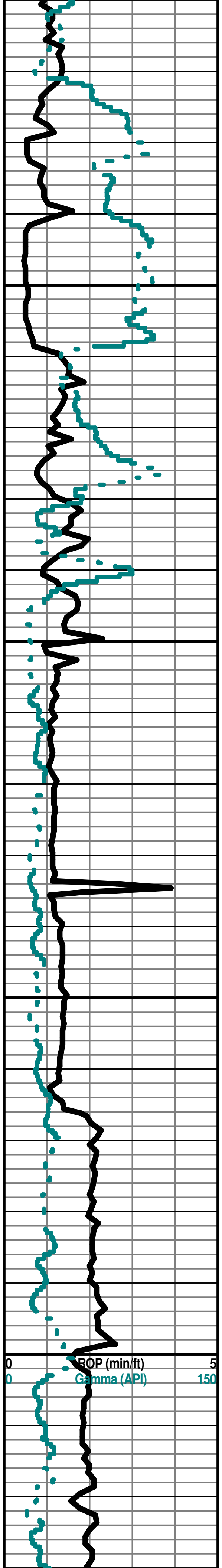
Ls Wht-Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/streaks Pyr Inclus) Pyr Mass Abd Sh Char-Gry-Drab Grn-Blk Carb Fissil No Odor No Flor NS

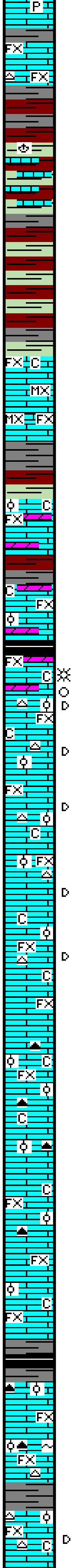
Ls Wht-Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/streaks Pyr Inclus) Pyr Mass Abd Sh Char-Gry-Drab Grn-Blk Carb Fissil No Odor No Flor NS

Ls Wht-Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/streaks Pyr Inclus) Pyr Mass Abd Sh Char-Gry-Drab Grn-Blk Carb Fissil No Odor No Flor NS

Ls Wht-Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/streaks Pyr Inclus) Pyr Mass Abd Sh Char-Gry- Drab Grn-Blk Carb Fissil No Odor No Flor NS







Sh Char- Gry-Drab Grn-Blk Carb-Fissil Ls Wht-Fxln Dns Micrite Grad Fair Pin-Pt Ixln Por (w/Streaks Pyr Inclus) Pyr Mass Abd No Odor No Flor NS

Sh Varicolored Maroon-Yell-Purp-Char-Blk Carb Soft-Fissil Abd Ls Wht-Crm Fxln Micrite Grad Fair Ixln Por Barren Cht Amber Translu Vit Shp No Odor No Stn No Flor

Sh Varicolored Maroon-Yell-Purp-Char-Blk Carb Soft-Fissil Abd Ls Wht-Crm Fxln Micrite Grad Fair Ixln Por Barren Cht Amber Translu Vit Shp No Odor No Stn No Flor

Sh Varicolored Maroon-Yell-Purp-Char-Blk Carb Soft-Fissil Abd Ls Wht-Crm Fxln Micrite Grad Fair Ixln Por Barren Cht Amber Translu Vit Shp No Odor No Stn No Flor

5450

Sh Varicolored Maroon-Yell-Purp-Char-Blk Carb Soft-Fissil Abd Ls Wht-Crm Fxln Micrite Grad Fair Ixln Por Barren Cht Amber Translu Vit Shp No Odor

LOWER CHESTER 5459' (-2629)

Sh AA Red-Maroon-Char-Aqua-Grn/Gry Soft-Fissil (Wash Red) V Abd Ls AA Fxln-Microxln Dns Micrite Barren Chalk No Odor No Stn No Flor NS

Sh Red-Maroon-Char-Aqua-Grn/Gry Soft-Fissil (Wash Red) V Abd Ls AA Fxln-Microxln Dns Micrite Barren Chalk No Odor No Stn No Flor NS

MISSISSIPPIAN "Ste. GEN" 5480' (- 2650)

Ls Wht-Lt Aqua (in Aqua CaCo3 Matrix) Fxln Poor OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Friable Grad Dolo Gry Microxln Dns Micritie Chalk Sh Char-Blk Carb-Gry-Grn-Aqua-Maroon Soft- Fissil No Odor No Flor No Stn NS NS

Ls Wht-Gry (w/CaCo3 Matrix) Fxln Poor OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Friable Grad Dolo Gry Microxln Dns Micritie Chalk Sh Char-Blk Carb-Gry-Grn-Aqua-Maroon Soft- Fissil No Odor No Flor No Stn NS

5500

Ls Wht-Gry Fxln Poor OOL Por (w/V Small OOids in pl) Friable Grad Gry Microxln Dns Micritie (w/Tr Gillsonitic Inclus) "Dead" Cht Lt Tan Translu Shp VitChalk Sh Char-Blk Carb-Gry-Grn- Aqua-Maroon Soft- Fissil No Odor No Flor No Stn NS NS

Ls Wht-Lt Brn (in CaCo3 Matrix) Fxln Poor OOL Por (w/V Small OOids in pl) "Sandy OOL Ls" Friable Micritie (w/Tr Gillsonitic Inclus) "Dead" Cht Lt Tan Translu Shp Vit Chalk Sh Varicolored Soft- Fissil No Odor No Flor No Stn NS

Ls Wht-Lt Brn AA Fxln Poor OOL Por Friable Micritie (w/Tr Gillsonitic Inclus) "Dead" Cht Lt Tan Translu Shp Vit Chalk Sh Varicolored Soft-Fissil No Odor No Flor NS

Ls Wht-Lt Brn AA Fxln Poor OOL Por Friable Micritie (w/Tr Gillsonitic Inclus) "Dead" Cht Lt Tan Translu Shp Vit Chalk Sh Varicolored Soft-Fissil No Odor No Flor NS

Ls Wht-Lt Brn AA Fxln Poor OOL Por Friable Micritie (w/Tr Gillsonitic Inclus) "Dead" Cht Lt Tan Translu Shp Vit Chalk Sh Varicolored AA Fissil No Odor No Flor NS

5550

Ls Wht-Lt Brn AA Fxln Poor OOL Por Friable Micritie Cht Peach-Lt Org Translu-Op Shp Vit Chalk Sh Varicolored Char-Blk Carb-Lt Gry-Yell-Aqua-Maroon Fissil No Odor No Flor NS

Ls Wht-Lt Brn AA Fxln Poor OOL Por Friable Micritie Cht Peach-Lt Org Translu-Op Shp Vit Chalk Sh Varicolored Char-Blk Carb-Lt Gry-Aqua Fissil No Odor No Flor NS

Ls Wht-Lt Brn AA Fxln Poor OOL Por Friable Micritie Cht Peach-Lt Org Translu-Op Shp Vit Chalk Sh Varicolored Char-Blk Carb-Lt Gry-Maroon Fissil No Odor No Flor NS

Ls Wht-Crm-Lt Gry Microxln-Fxln Poor Ixln Por Dns Micrite Grad Poor InterOOL Por Friable Cht Peach-Lt Org Translu-Op Shp Vit Sh Char-Blk Carb-Lt Gry-Aqua Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry Microxln-Fxln Poor Ixln Por Dns Micrite Grad Poor InterOOL Por Friable AA Sh Char-Blk Carb-Lt Gry-Aqua-Red Fissil No Odor No Stn No Flor NS

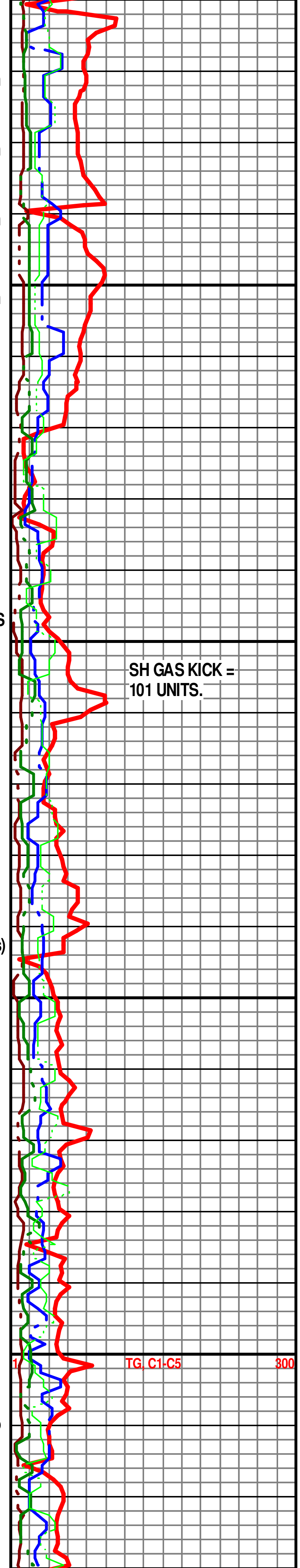
5600

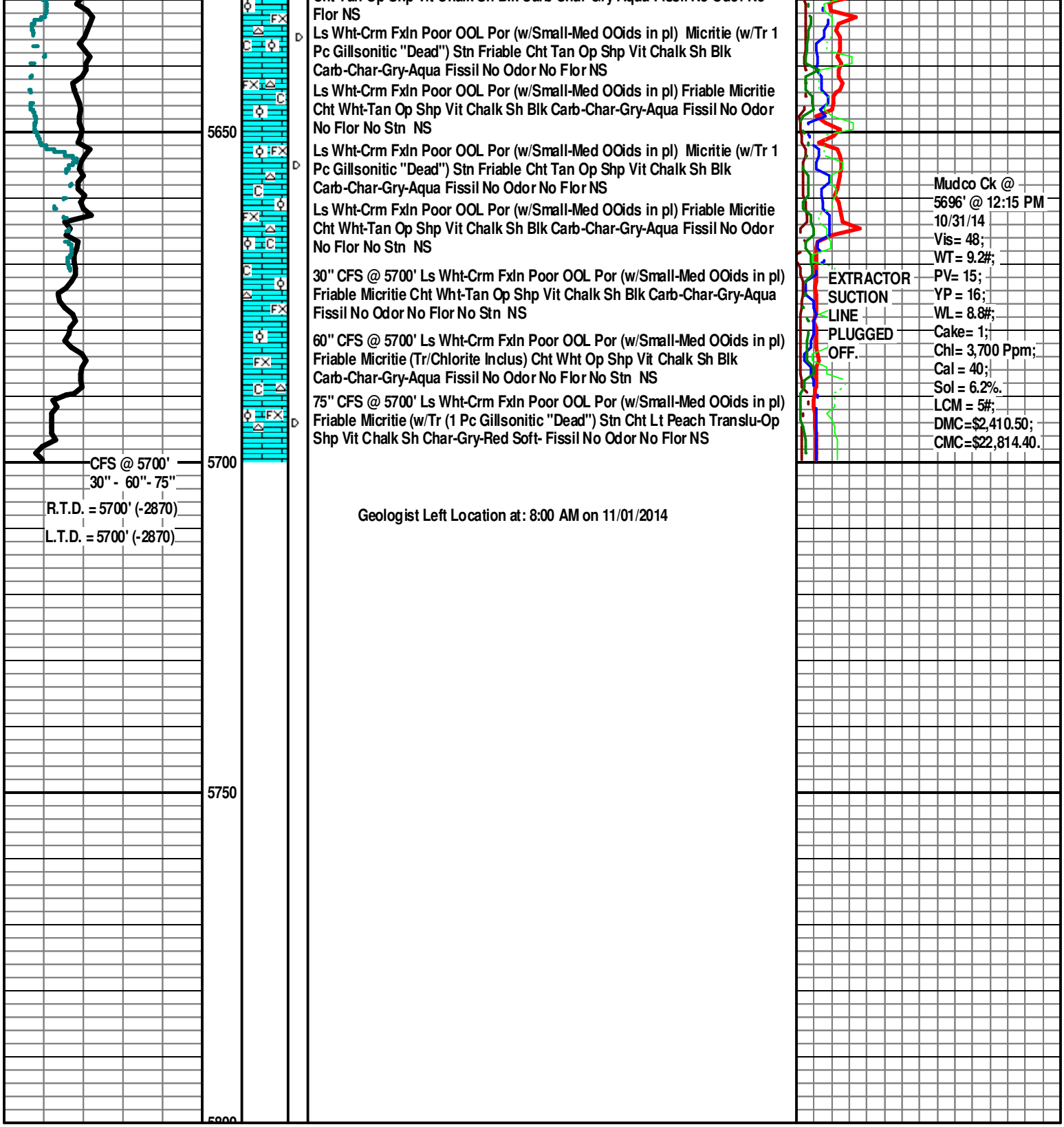
MISS. "ST. LOUIS" POROSITY 5604' (- 2774)

Ls Wht-Crm-Lt Gry Microxln-Fxln Poor Ixln Por Dns Micrite Grad Poor InterOOL Por (w/Small-Med OOids in pl) Friable "Sandy OOL Ls" Cht Wht-Org-Peach Translu-Op Shp Vit Sh Char-Blk Carb-Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Gry Microxln-Fxln Poor Ixln Por Dns Micrite (w/Tr Glacu Inclus) Grad Poor InterOOL Por (w/V Small-Med OOids in pl Friable Cht Wht-Org- Peach Translu Shp Vit Sh Char-Blk Carb-Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Micritie Friable Cht Tan Op Shp Vit Chalk Sh Blk Carb-Char-Gry-Aqua Fissil No Odor No




5650
5700
5750
CFS @ 5700'
30" - 60" - 75"
R.T.D. = 5700' (-2870)
L.T.D. = 5700' (-2870)
Flor NS
Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Micritie (w/Tr 1 Pc Gillsonitic "Dead") Stn Friable Cht Tan Op Shp Vit Chalk Sh Blk Carb-Char-Gry-Aqua Fissil No Odor No Flor NS
Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Friable Micritie Cht Wht-Tan Op Shp Vit Chalk Sh Blk Carb-Char-Gry-Aqua Fissil No Odor No Flor No Stn NS
Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Micritie (w/Tr 1 Pc Gillsonitic "Dead") Stn Friable Cht Tan Op Shp Vit Chalk Sh Blk Carb-Char-Gry-Aqua Fissil No Odor No Flor NS
Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Friable Micritie Cht Wht-Tan Op Shp Vit Chalk Sh Blk Carb-Char-Gry-Aqua Fissil No Odor No Flor No Stn NS
30" CFS @ 5700' Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Friable Micritie Cht Wht-Tan Op Shp Vit Chalk Sh Blk Carb-Char-Gry-Aqua Fissil No Odor No Flor No Stn NS
60" CFS @ 5700' Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Friable Micritie (Tr/Chlorite Inclus) Cht Wht Op Shp Vit Chalk Sh Blk Carb-Char-Gry-Aqua Fissil No Odor No Flor No Stn NS
75" CFS @ 5700' Ls Wht-Crm Fxln Poor OOL Por (w/Small-Med OOids in pl) Friable Micritie (w/Tr (1 Pc Gillsonitic "Dead") Stn Cht Lt Peach Translu-Op Shp Vit Chalk Sh Char-Gry-Red Soft- Fissil No Odor No Flor NS
Geologist Left Location at: 8:00 AM on 11/01/2014
EXTRACTOR SUCTION LINE PLUGGED OFF.
Mudco Ck @ 5696' @ 12:15 PM
10/31/14
Vis= 48;
WT= 9.2#;
PV= 15;
YP = 16;
WL= 8.8#;
Cake= 1;
Chl= 3,700 Ppm;
Cal = 40;
Sol = 6.2%.
LCM = 5#;
DMC=$2,410.50;
CMC=$22,814.40.