



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

Well Name: RITTER "E" # 2-11
Location: C - NE - NW
License Number: A.P.I. #15-077-21,913-00-00
Spud Date: 03/12/2013
Surface Coordinates: SPOT: 660' FNL & 1980' FWL

Region: HARPER CO., KS.
Drilling Completed:

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 1384' **K.B. Elevation (ft):** 1393'
Logged Interval (ft): 275' **To:** 4770' **Total Depth (ft):** 4770'
Formation: MISSISSIPPIAN "WARSAW"
Type of Drilling Fluid: CHEMICAL/POLYMER/GEL

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

OPERATOR

Company: McCOY PETROLEUM CORPORATION KCC LIC. NO. # 5003
Address: 8080 E. CENTRAL, STE. 300
WICHITA, KANSAS 67206-2366

GEOLOGIST

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

CASINGS & DEVIATION

Spud at 5:45 PM on 03/12/13. Drilled 12-1/4" hole to 280'. Ran 6 joints of new 24# 8-5/8" surface casing, Tallied 264.56', set at 275.56' KB. Welded straps on bottom 3 joints. Cemented with 175 sks 60/40 POZ; 2% Gel; 3% CC; 1/4# CF. Plug down at 1:45 AM on 03/13/13. Cement did circulate. Allied Cementing ticket #59754.

Deviation Survey's Taken: @ 280' = 1/2 degree; @ 3945' = 1 1/4 degrees; @ 4495' = 1 1/2 degrees;

DSTs

DST # 1: 4476'-4495'. Times: 30"-60"-60"-90" .

Blow: IF Strong BOB /0.30". GTS/15". FF = BOB/GTS (See Gauge Rept Below).

Recovery: 400' TF:(135' CO; 65' MCO (75% O & 10% G & 15% M); & 200" GCOM (15% G & 20% O & 65% M); No Wtr.

Pressures: IH =2257#; FH =2211#; IF =70-99#; FF =69-179#; ISIP =1702#; FSIP =1636#; Temp= 123 degrees F.; Oil Grv.= 48 degrees.


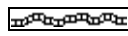
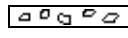


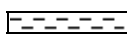









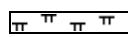

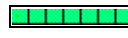
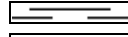

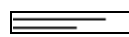



Gas Gauge:

IF @ 15"= 45 Mcf; @ 20" = 49 Mcf; @ 30" =58.2 Mcf.












































































FF @ 10"= 46.5 Mcf;@ 20" = 58.2 Mcf; @ 30" = 68.5 Mcf; @ 40" =77.3 Mcf; @ 50" = 84.7 Mcf; @ 60" = 89.1 Mcf.

Comments



























ROCK TYPES

 Anhy  Bent  Brec  Carb sh  Cht	 Clyst  Coal  Congl  Dol  Grn sh	 Gry shale  Gyp  Igne  Lmst  Meta	 Mrlst  Red shale  Salt  Shale  Shcol	 Shgy  Sltst  Ss  Till
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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  Gryslt  Gyp  Ls  Mrst  Sltstn  Sltstrg	 Ssstrg TEXTURE  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
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OTHER SYMBOLS

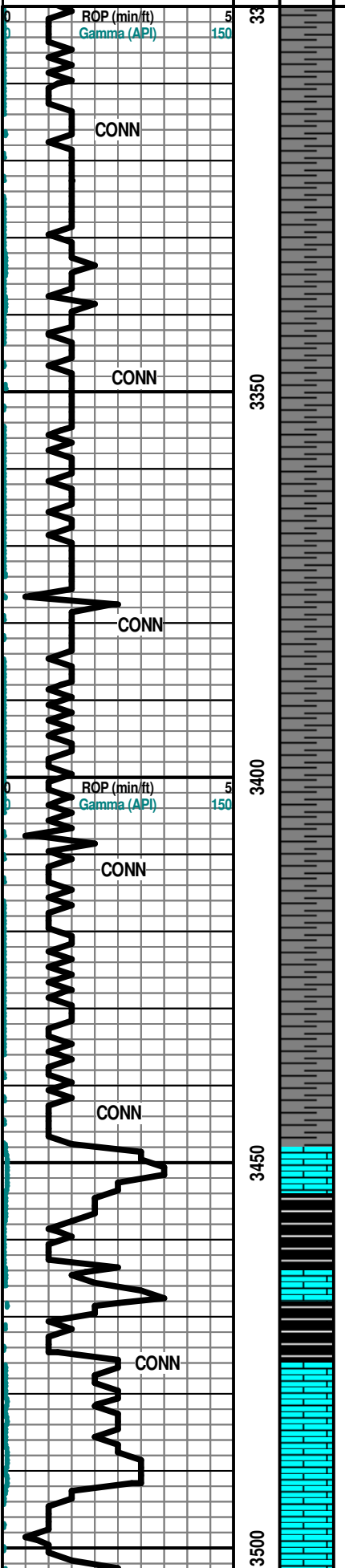
POROSITY  Earthy  Fenest  Fracture  Inter  Moldic  Organic  Pinpoint	 Vuggy SORTING  Well  Moderate  Poor	ROUNDING  Rounded  Subrnd  Subang  Angular OIL SHOW  Gas show	 Even  Spotted  Ques  Dead INTERVAL  Core  Straddle test tail pipe	 Dst_alt  Dst EVENT  Rft  Sidewall
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Curve Track 1
 ROP (min/ft) ———
 Gamma (API) - - - -

Depth (ft)
 Lithology
 Oil Shows

Geological Descriptions

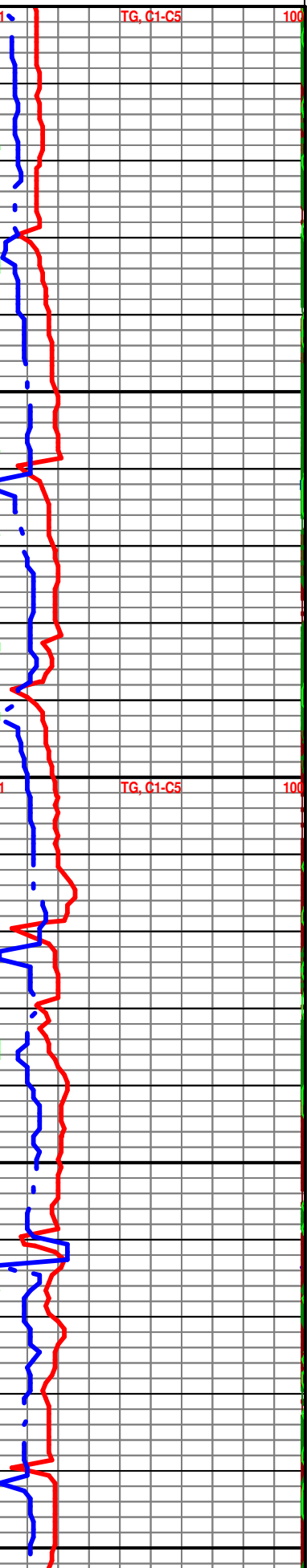
TG, C1-C5
 TG (Units) ———
 C1 (units) - - - -
 C2 (units) - - - -
 C3 (units) - - - -
 C4 (units) - - - -

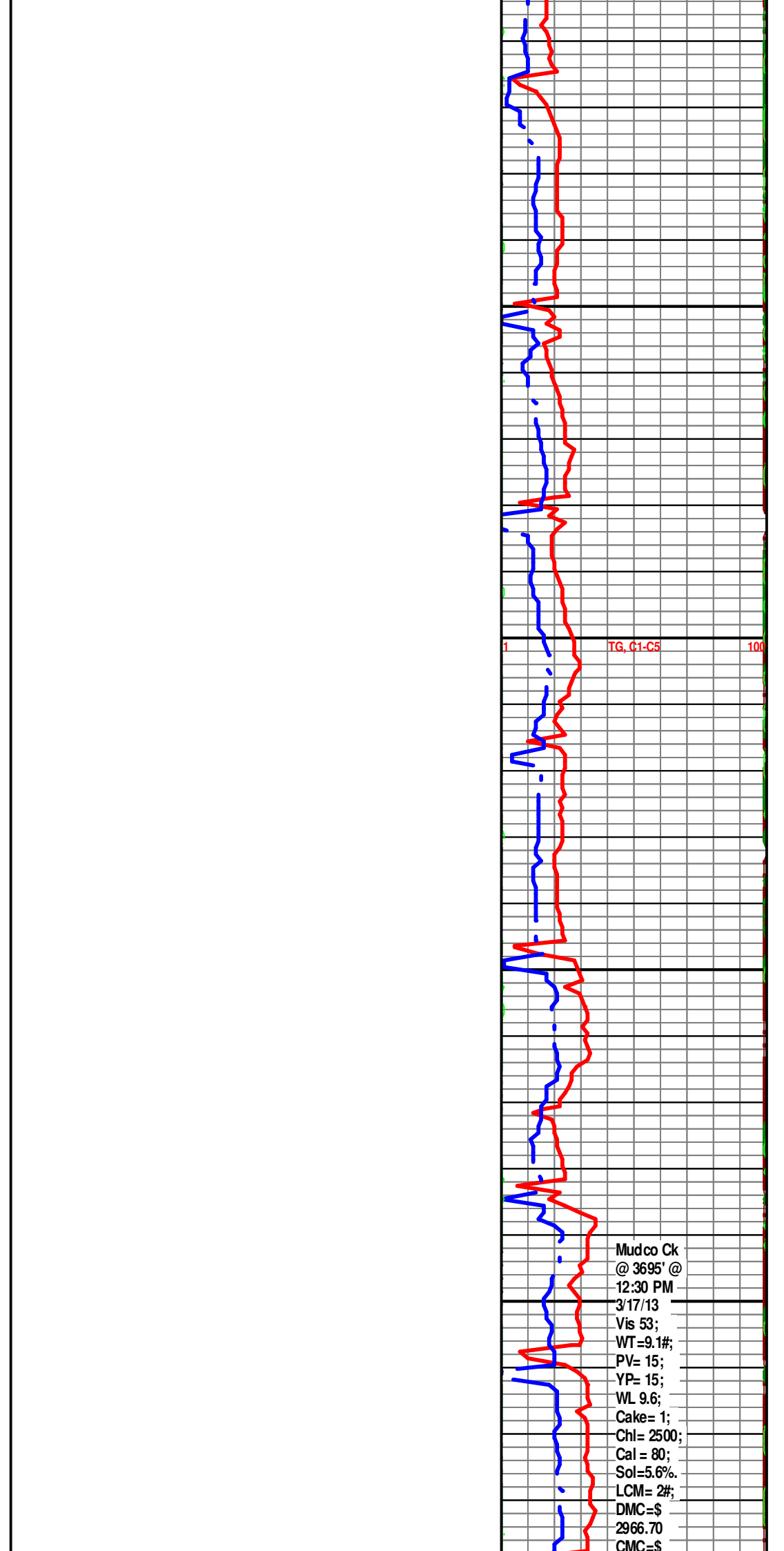
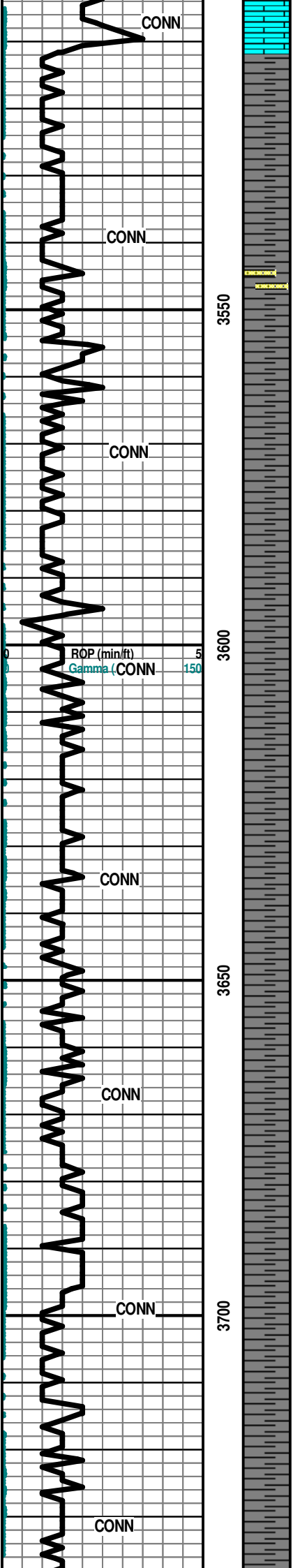


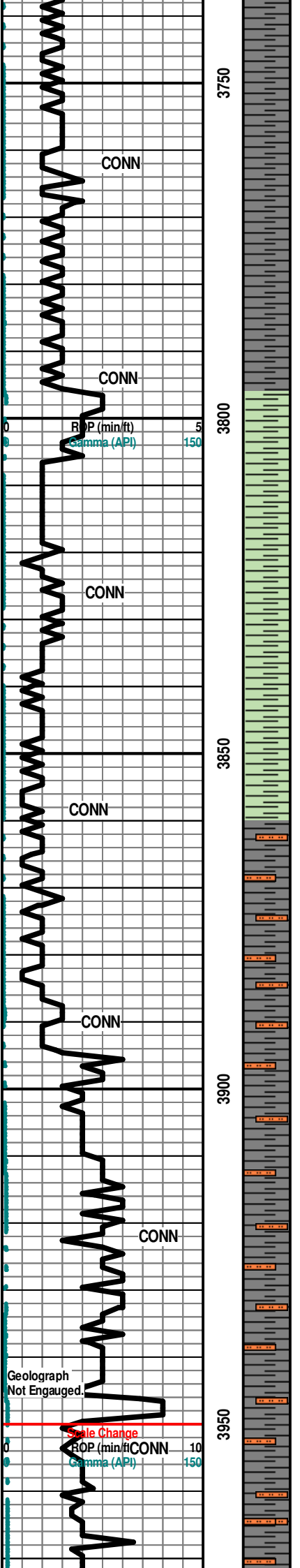
McCOY PETROLEUM CORPORATION
RITTER "E" # 2-11
 SPOT: 660' FNL & 1980' FWL
 C - NE - NW
 SEC. 11- 34 S. - 08 W.
 HARPER COUNTY, KANSAS
 A.P.I. # 15 - 077 - 21913 - 00 - 00
 ELEVATION : 1393' K.B. ; 1384' G.L.
CONTRACTOR: STERLING DRILLING - RIG # 4
 Geologist: David P. Williams, P. G.

Deviation Survey's Taken: @ 280' = 1/2 degree; @ 3945' = 1 1/4 degrees; @ 4495' = 1 1/2 degrees; @ 4770' = degrees.

HEEBNER 3469' (- 2076)





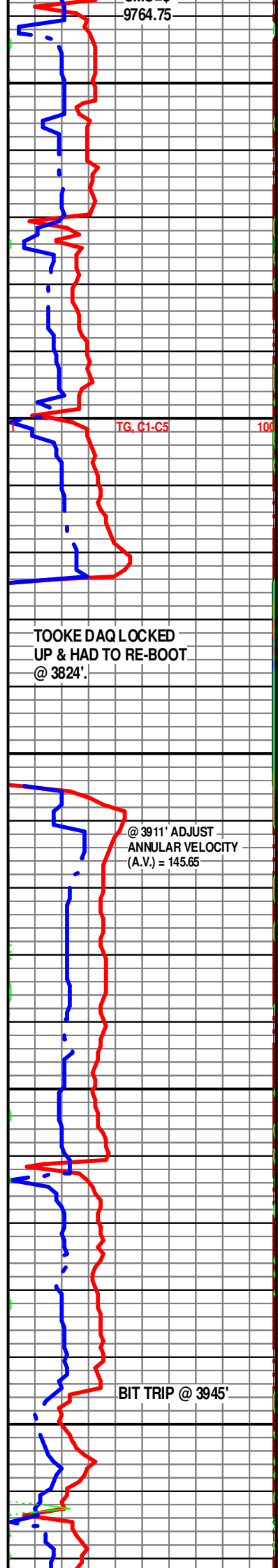


3750
3800
3850
3900
3950

Geologist on location @ (3800') 3:00 PM 3-17-13

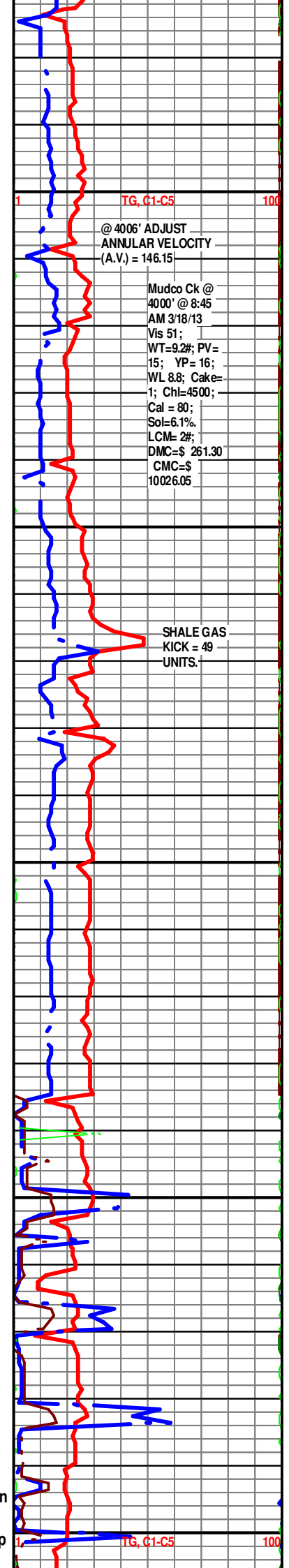
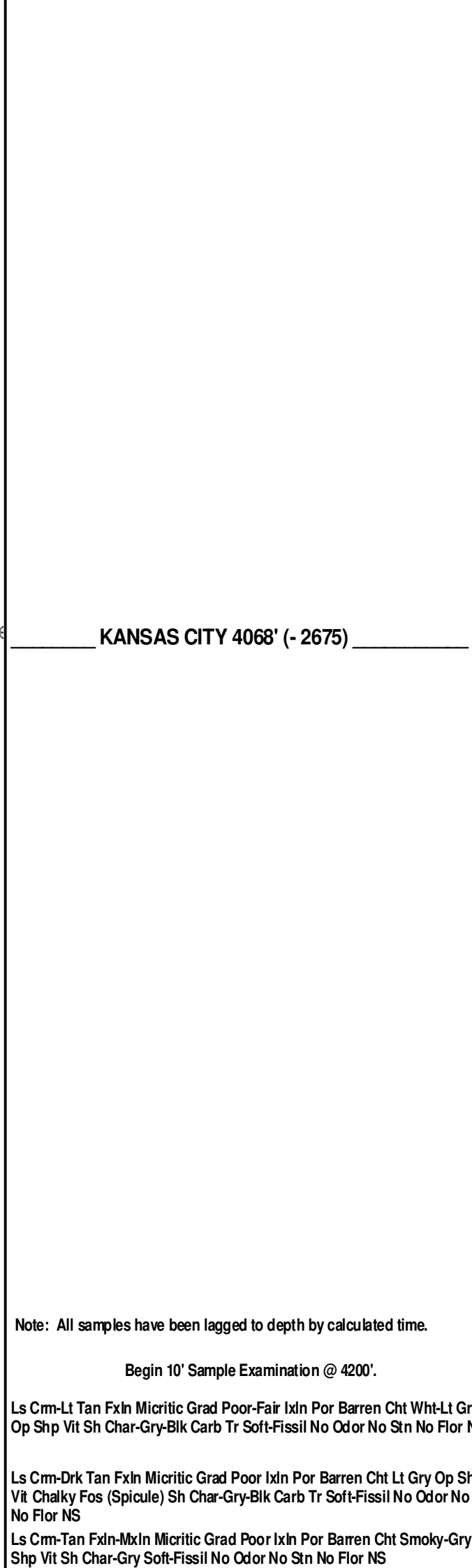
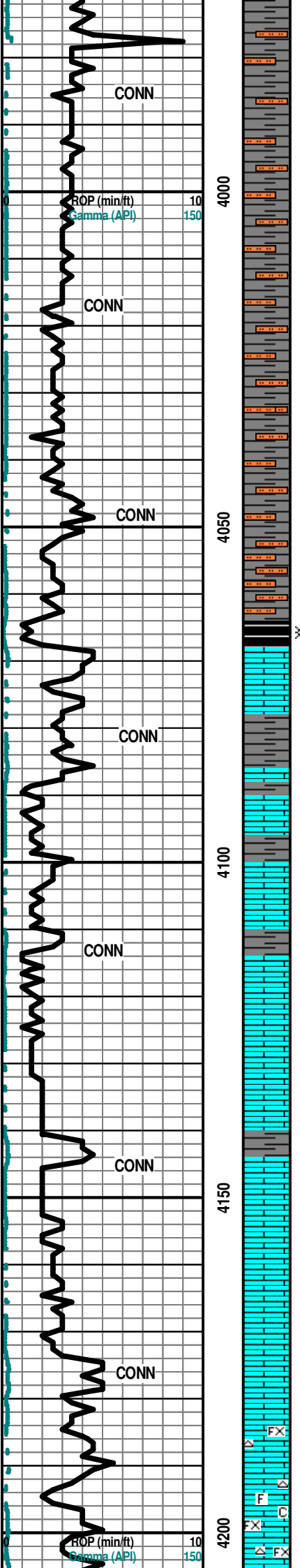
STALNAKER 3796' (- 2403)

BASE STALNAKER 3860' (- 2467)



5
150

5
10
150

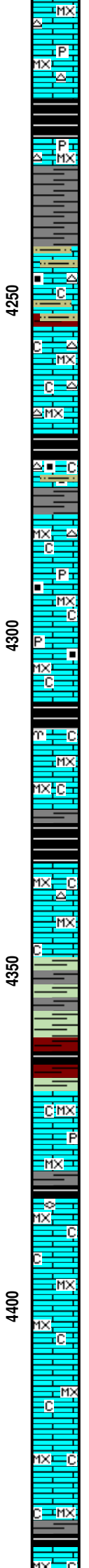
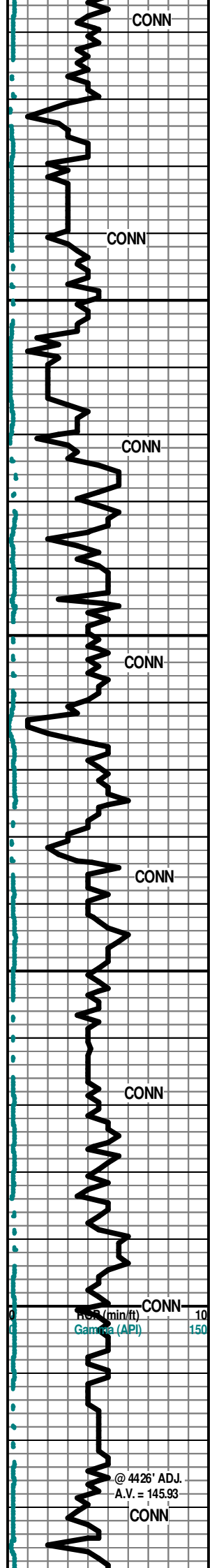


@ 4006' ADJUST
ANNULAR VELOCITY
(A.V.) = 146.15

Mudco Ck @
4000' @ 8:45
AM 3/18/13
Vis 51;
WT=9.2#; PV=
15; YP= 16;
WL 8.8; Cake=
1; Chl=4500;
Cal = 80;
Sol=6.1%
LCM= 2#;
DMC=\$ 261.30
CMC=\$
10026.05

SHALE GAS
KICK = 49
UNITS.

TG, C1-C5



Ls Crm-Tan FxIn-MxIn Micritic Grad Poor IxIn Por Barren Cht Wht- Smoky Gry Op Shp Vit Pyr Mass Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

STARK SHALE 4220' (- 2827)

Sh Blk Carb-Char-Gry Fissil Ls Crm-Tan MxIn Micritic Barren Cht Wht- Smoky Gry Op Shp Vit Pyr Mass No Odor No Stn No Flor NS
 Ls Crm-Tan-Lt Gry Micritic Barren Cht Wht- Smoky Gry Op Shp Vit Pyr Mass Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS
 Sh Blk Carb-Gry Fissil Ls Crm-Tan- FxIn-MxIn Micritic Barren No Odor No Stn No Flor NS

Ls Crm-Tan-Gry MxIn Micritic Barren Cht Wht-Smoky Gry Op Shp Vit Chalky Sh Char-Gry Soft-Fissil SiltStn Gry (w/Carb Includ) No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Cht Wht-Smoky Gry Op Shp Vit Chalky Sh Char-Gry-Maroon Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Cht Wht-Smoky Gry Op Shp Vit Chalky Sh Blk Carb-Char-Gry Fissil No Odor No Stn No Flor NS

HUSHPUCKNEY SHALE 4270' (- 2877)

Sh Blk Carb-Char-Gry Fissil Ls Crm-Tan MxIn Micritic Barren Cht Wht- Smoky Gry Op Shp Vit Chalk SiltStn Gry (w/Carb Includ) No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Cht Wht-Smoky Gry Op Shp Vit Chalky Sh Blk Carb-Char-Gry-Grn Fissil No Odor No Stn No Flor NS

Ls Crm-Tan-Gry-Drk Brn (w/Pyr Includ) MxIn Micritic Barren Chalky Sh Blk Carb-Char-Gry-Grn Fissil SiltStn Gry (w/Carb Includ) No Odor No Stn No Flor NS

Ls Crm-Tan-Gry-Drk Brn (w/Pyr Includ) MxIn Micritic Barren Chalky Sh Blk Carb-Char-Gry-Grn Fissil SiltStn Gry (w/Carb Includ) No Odor No Stn No Flor NS

BASE KANSAS CITY 4310' (- 2917)

Sh Blk Carb-Gry Fissil Ls Crm-Tan MxIn Micritic Barren Chalk Fos (Bry) No Odor No Stn No Flor NS

Sh Blk Carb-Gry Fissil Ls Crm-Tan MxIn Micritic Barren Chalk No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Cht Wht Op Shp Vit Chalky Sh Blk Carb-Char - Gry Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Chalky Sh Blk Carb-Char - Gry-Grn Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Chalky Sh Blk Carb-Char - Gry-Grn (w/Pyr Includ) Soft- Fissil No Odor No Stn No Flor NS

Sh Maroon-Gry-Grn-Aqua Soft-Fissil (Wash Red) Ls Wht-Crm-Tan MxIn Micritic Barren Chalky No Odor No Stn No Flor NS

Ls Wht-Crm-Tan MxIn Micritic Barren Chalky Sh Gry- Grn- Aqua- Maroon (w/Pyr Includ) Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan MxIn Micritic Barren (w/Fos (Fuss) Includ) Chalky Sh Gry-Grn- Aqua-Maroon Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan MxIn Micritic Barren Chalky Sh Blk Carb-Char- Gry- Grn- Aqua- Maroon Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Chalky Sh Char-Gry- Grn- Aqua- Maroon Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Chalky Sh Char-Gry- Grn- Aqua- Maroon Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Chalky Sh Char-Gry- Grn- Aqua- Maroon Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Chalky Sh Char-Gry-Blk Carb Tr Fissil No Odor No Stn No Flor NS

SHALE GAS KICK= 28 UNITS.

SHALE GAS KICK= 46 UNITS.

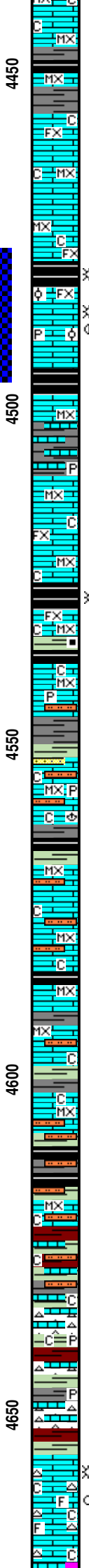
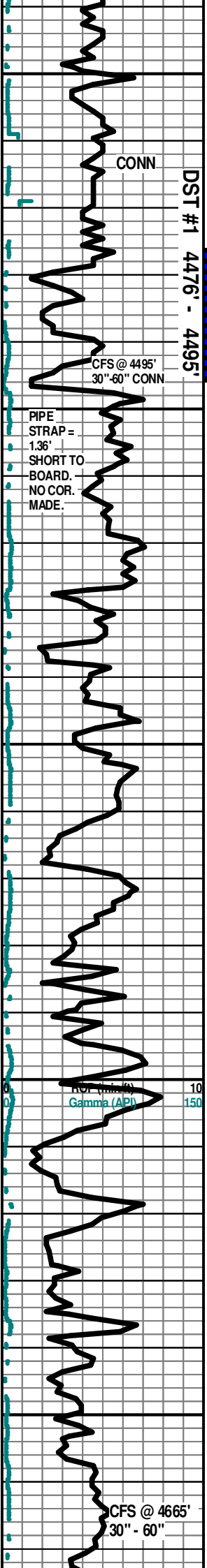
SHALE GAS KICK= 36 UNITS.

Mudco Ck @
 4430' @ 11:30 AM 3/19/13
 Vis 45;
 WT=9.3#; PV= 14; YP= 15;
 WL 9.2; Cake= 1; Chl=4500;
 Cal = 80;
 Sol=6.8%
 LCM= 2#;
 DMC=\$ 1591.90
 CMC=\$ 11617.95

Scale Change
 TG, C1-C5 200

BKGD DST # 1: 4476'-4495'.
 GAS = 22 Times: 30"-60"-60"-90"
 UNITS. Blow: IF Strong BOB/
 0.30". GTS/15". FF =
 BOB/GTS/0"; (See Gauge Rept.). Recovery: 400'
 TF:
 (135' CO; 65' MCO (75% O & 10% G & 15% M); & 200' GCOM (15% G & 20% O & 65% M); No Wtr.
 Pressures:
 IH = 2257#;
 FH = 2211#;
 IF = 70-99#;

@ 4426' ADJ.
 A.V. = 145.93



Ls Wht-Crm-Tan-Gry MxIn Micritic Barren Chalky Sh Char-Gry-Blk Carb Tr Fissil No Odor No Stn No Flor NS
 Ls Wht-Crm-Tan-Gry Tr MxIn-FxIn Micritic Barren Chalky Sh Char- Gry- Blk Carb Tr Fissil No Odor No Stn No Flor NS
 Ls Wht-Crm-Tan MxIn-FxIn Micritic Barren Chalky Sh Char-Gry Fissil No Odor No Stn No Flor NS
 Ls Wht-Crm-Tan MxIn-FxIn Micritic Barren Chalky Sh Char-Gry Fissil No Odor No Stn No Flor NS

FORT SCOTT 4482' (- 3089)

30" CFS @ 4495' Ls Wht FxIn Micrite Grad Fair OOL Por (w/Sm OOids in pl) Fair Leaching Fair Develop Grad Poor-Fair IxIn Por (w/Tr Pyr Inclus) Fair-Med SG (in Wtr Under Heat) Sh Blk Carb Fissil Fair-Good Odor Tr Flor (Gas Does Not Flor/SSO Tr Does Flor) No Stn F-M SG Tr SO

CHEROKEE SHALE 4492' (- 3099)

60" CFS @ 4495' Ls Wht FxIn Micrite Grad Fair OOL Por (w/Sm OOids in pl) Fair Leaching Fair Develop Grad Poor-Fair IxIn Por (w/Tr Pyr Inclus) Fair-Med SG (in Wtr Under Heat) Sh Blk Carb Fissil Fair-Good Odor Tr Flor (Gas Does Not Flor/SSO Tr Does Flor) No Stn F-M SG Tr SO

Ls Crm-Gry MxIn Micrite Dns Barren Cht Wht Op Shp Vit (? Sluff) Sh Char-Gry-Blk Carb Fissil No Odor No Stn No Flor NS
 Ls Wht-Crm-Gry MxIn Micrite Dns Barren Grad FxIn Granular w/Poor IxIn Gran Por Chalky Sh Char-Gry-Blk Carb-Brn (w/Pyr Inclus) Fissil No Odor No Stn No Flor NS
 Ls Wht-Crm-Gry MxIn Micrite Dns Barren Grad FxIn Granular w/Poor IxIn Gran Por (1 Pc) Chalky Sh Char-Gry-Blk Carb Fissil No Odor No Stn No Flor NS
 Sh Char-Gry-Blk Carb-Aqua (w/Carb Includ) Fissil Ls Wht-Crm MxIn-FxIn (w/Pyr Includ) Micrite Dns Barren Chalk Abd No Odor No Stn No Flor NS

Ls Crm-Tan-Gry MxIn Micrite Dns Barren Qtz Silltstn Wht-Aqua Poor Por Well Sort Well Rd Friable P Igran Por Barren (1 Pc) Pyr Mass Chalky Sh Char-Gry-Aqua Fissil No Odor No Stn No Flor NS
 Ls Crm-Tan-Gry MxIn Micrite Dns Barren Qtz Silltstn Wht-Aqua Inc Poor Well Sort Well Rd Friable P-F Igran Por Barren (3 Pcs) Pyr Mass Chalky Sh Char-Gry-Aqua Fissil No Odor No Stn No Flor NS
 Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MxIn Micrite Qtz Silltstn Wht-Aqua AA Barren Fos (Brach) Chalk No Odor No Stn No Flor NS

Ls Crm-Tan MxIn Micrite Qtz Silltstn Wht-Aqua AA Barren Chalk Sh Char-Gry-Blk Carb-Aqua Fissil No Odor No Stn No Flor NS
 Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MxIn Micrite Qtz Silltstn Wht-Aqua AA Barren Chalk No Odor No Stn No Flor NS

Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MxIn Micrite Qtz Silltstn Wht-Aqua AA Barren Chalk No Odor No Stn No Flor NS
 Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MxIn Micrite Qtz Silltstn Wht-Aqua AA Barren Chalk No Odor No Stn No Flor NS
 Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MxIn Micrite Qtz Silltstn Wht-Aqua AA Barren Chalk No Odor No Stn No Flor NS
 Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MxIn Micrite Qtz Silltstn Wht-Aqua AA Barren Chalk No Odor No Stn No Flor NS

Sh Varicolored Char-Gry-Blk Carb-Aqua-Maroon-Red Fissil Ls AA Silltstn Wht-Aqua AA Barren Chalk No Odor No Stn No Flor NS

MISSISSIPPIAN 4636' (- 3243)

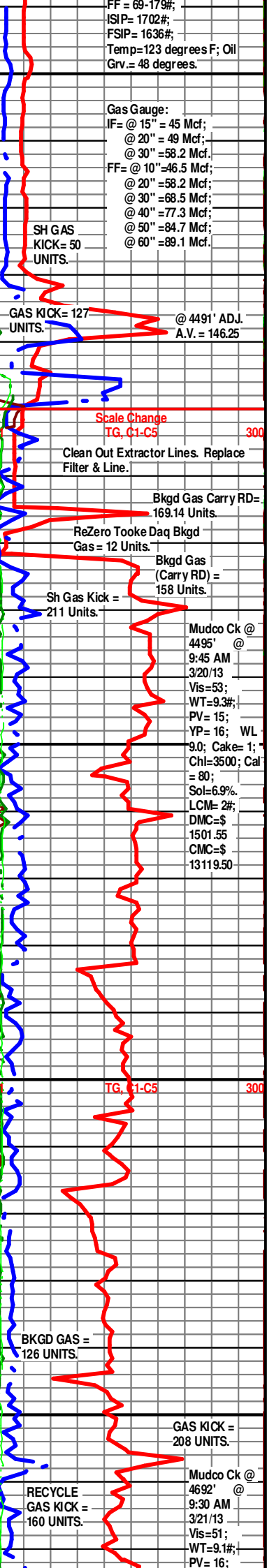
Cht Wht-Yell Trip (Tr) Op Shp Vit Ls Crm-Tan MxIn Micrite (w/Pyr includ) Grad FxIn Poor Pin-Pt IxIn Por Barren Chalk Sh Varicolored AA Aqua Inc No Odor No Stn No Flor NS

30" CFS @ 4665' Cht Wht-Yell Trip (Tr) Op Shp Vit Ls Crm-Tan MxIn Micrite (w/Pyr Includ) Grad FxIn Poor Pin-Pt IxIn Por Barren Chalk Sh Varicolored AA Abd No Odor No Stn No Flor NS

MISS. SALEM (SPERGEN) 4657' (-3264)

60" CFS @ 4665' Cht Wht-Crm Trip (Inc) Op Shp Vit w/ Fair SG in Poor-Fair Pin-Pt IxIn Por Fos (Spicule) Ls Crm-Tan MxIn Micrite Barren Chalk Sh Varicolored AA Dec No Odor Trip (Few Pcs Drk Brn Stn) Sli Flor (Lt Grn) SG

MISSISSIPPIAN WARSAW 4672' (- 3279)



Gas Gauge:
 IF= @ 15" = 45 Mcf;
 @ 20" = 49 Mcf;
 @ 30" = 53.2 Mcf;
 FF= @ 10" = 46.5 Mcf;
 @ 20" = 58.2 Mcf;
 @ 30" = 68.5 Mcf;
 @ 40" = 77.3 Mcf;
 @ 50" = 84.7 Mcf;
 @ 60" = 89.1 Mcf.

SH GAS
 KICK= 50
 UNITS.

GAS KICK= 127
 UNITS. @ 4491' ADJ.
 A.V. = 146.25

Scale Change
 TG, C1-C5 300

Clean Out Extractor Lines. Replace Filter & Line.

Bkgd Gas Carry RD= 169.14 Units.

ReZero Tooke Daq Bkgd Gas = 12 Units.

Bkgd Gas (Carry RD) = 158 Units.

Sh Gas Kick = 211 Units.

Mudco Ck @
 4495' @
 9:45 AM
 3/20/13
 Vis=53;
 WT=9.3#;
 PV= 15;
 YP= 16; WL
 9.0; Cake= 1;
 Chl=3500; Cal
 = 80;
 Sol=6.9%
 LCM= 2#;
 DMC=\$
 1501.55
 CMC=\$
 13119.50

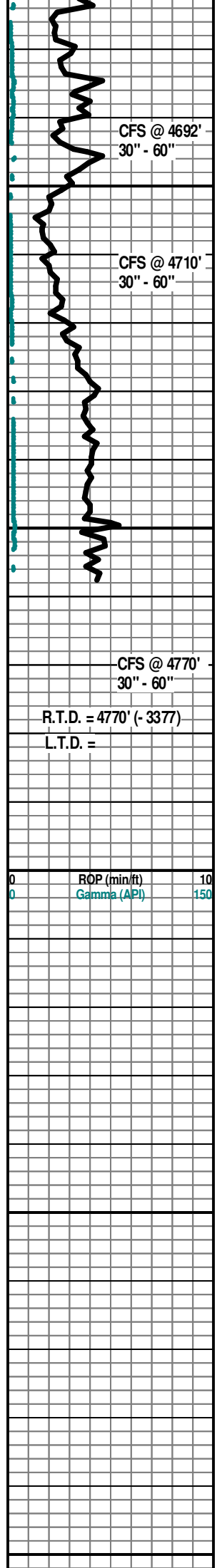
TG, C1-C5 300

BKGD GAS = 126 UNITS.

GAS KICK = 208 UNITS.

RECYCLE
 GAS KICK =
 160 UNITS.

Mudco Ck @
 4692' @
 9:30 AM
 3/21/13
 Vis=51;
 WT=9.1#;
 PV= 16;



4700
4750
4800
4850
4900



30" CFS @ 4692' Dolo/Ls Crm-Tan Fxn Fair Inc Sucrosic Por (w/SSG & Tr Glacu Includ) Cht AA Trip (w/SSG & SSO) Chalky Pyr Mass Sh AA Fair Flor (Lt Grn) Fair Inc Stn (Lt Brn) Faint Odor

60" CFS @ 4692' Dolo/Ls Crm-Tan Fxn Fair Inc Sucrosic Pin-Pt Por (w/SSG) Cht AA Trip (w/SSG/SSO & Tr Glacu Includ) Chalky Pyr Mass Sh AA Fair Inc Flor (Lt Grn) Faint Inc Stn (Lt Brn) Faint Odor SSG & SSO

30" CFS @ 4710' Dolo Crm-Tan Fxn Fair Inc Sucrosic Pin-Pt IxIn Por (w/SSG/SSO w/Glacu Includ) Cht Wht (w/Fos (Spicule Includ)-Yell Tr Trip (w/GSG & GSFO) Pyr Mass Sh AA Fair Flor (Lt Grn & Both Gas & Oil Do Flor) Dolo & Cht Lt Brn Scat Stn Med-Good Odor GSG & GSFO

60" CFS @ 4710' Dolo Crm-Tan Fxn Fair-Med IxIn Sucrosic Pin-Pt IxIn Por (w/SG & SFO) Grad Tr Vug Leaching Por Cht Bone Wht Op Shp Vit Fos (Spicule Includ) GSG & GSFO Trip Good Leaching Por Sh AA Med-Good Flor (Lt Grn & Both Gas & Oil Do Flor) Good Lt Brn Stn Good Odor GSG & GSFO

Dolo Crm-Tan Fxn Fair-Med IxIn Sucrosic Por (w/SG & SFO) Cht Bone Wht (w/Fos (Spicule Includ) Translu-Op Shp Vit (w/GSG & GSFO) Trip Good Leaching Por (w/GSG & GSFO) Drk Blk Gillsonitic Stn Sh AA Fair-Good Flor (Lt Grn & Both Gas & Oil Do Flor) Good Lt Brn Stn Good Odor GSG & GSFO

Dolo Crm-Tan Fxn Fair-Med IxIn Sucrosic Por (w/SG & SFO) Cht Bone Wht (w/Fos (Spicule Includ) Translu-Op Shp Vit (w/GSG & GSFO) Trip Good Leaching Por (w/GSG & GSFO) Drk Blk Gillsonitic Stn Sh AA Fair-Good Flor (Lt Grn & Both Gas & Oil Do Flor) Good Lt Brn Stn Good Odor GSG & GSFO

Dolo Wht-Crm-Tan Fxn Fair-Med IxIn Sucrosic Por (w/SSG & SSFO) Cht Bone Wht (w/Fos (Spicule Includ)-Gry Op Shp Vit (w/SG & SO) Trip Good Leaching Por (w/SG & SO) Drk Blk Gillsonitic Stn Sh AA Tr Flor (Lt Grn) Dec Scat Lt Brn Stn Tr Faint Dec Odor SSG & SSO Dec

Dolo Wht-Crm-Tan Fxn Fair IxIn Sucrosic Por (w/VSSG & VSSO AA) Cht Bone Wht (w/Fos (Spicule Includ)-Gry Op Shp Vit (w/VSSG & VSSO AA) Trip Poor-Fair Leaching Por (w/VSSG & VSSO) Drk Blk Gillsonitic Stn AA Sh AA Tr Flor (Lt Grn) Dec Scat Lt Brn Stn Tr ? Faint Dec Odor SSG & SSO Dec

30" CFS @ 4770'

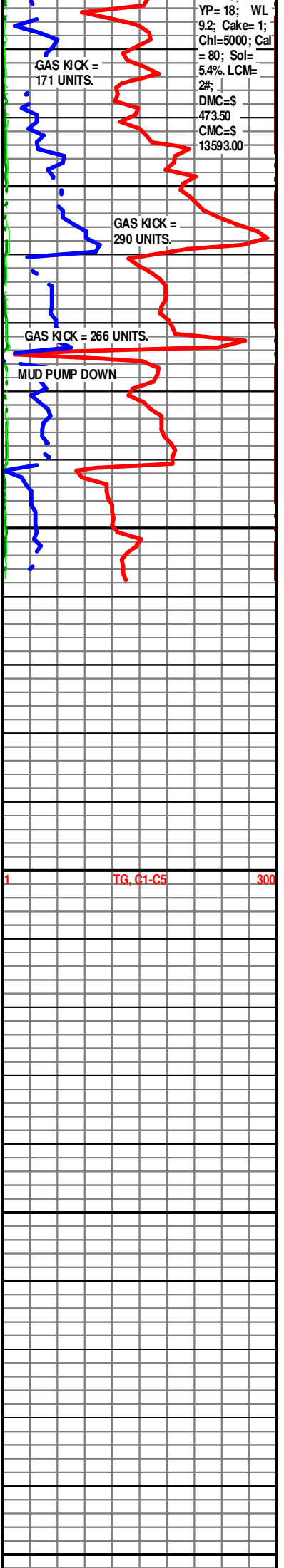
60" CFS @ 4770'

CFS @ 4770' 30" - 60"

R.T.D. = 4770' (- 3377)
L.T.D. =

Electric Logs Run: By Pioneer Logging:
Dual Induction; Compensated Density-Neutron & Micro Logs
Geologist Left Location at: : PM on 03/21/2013

0	ROP (min/ft)	10
0	Gamma (API)	150



YP= 18; WL 9.2; Cake= 1; Chl=5000; Cal= 80; Sol= 5.4%; LCM= 2#; DMC=\$ 473.50; CMC=\$ 13593.00

1 TG, C1-C5 300

