Woolsey Operating Company, LLC

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

Well Name:	Ricke-Baier #1 H		
Location:	Section 31 - Township 33 South - Range 13 West		
License Number:	15-007-23966-01-00	**Region:**	Barber County, Kansas
Spud Date:	November 13, 2012	**Drilling Completed:**	
Surface Coordinates:	App NW SW SE SE		
	450' FSL and 995' FWL		

Bottom Hole Coordinates:

Ground Elevation (ft):	1879'	**K.B. Elevation (ft):**	1886'
Logged Interval (ft):	3600' **To:**	**Total Depth (ft):**	
Formation:	Topeka -------> Mississippi		
Type of Drilling Fluid:	Chemical Mud, Brine Water/Flozan		

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

OPERATOR

Company: Woolsey Operating Company,LLC
Address: 125 N. Market, Suite 1000
Wichita, KS 67202

GEOLOGIST

Name: Billy G. Klaver
Company: Woolsey Operating Co. LLC
Address: 125 N. Market, Wichita Kansas, 67202

COMMENTS

Surface Casing: Ran 20" X 53#/ft conductor to 75' with 9 yards of grout. Ran 7 joints new 13 3/8" X 54.5#/ft casing to 317' KB with 300 sx Class A, 2% gel, 3% cc. Plug down 5:45 am on 11/22/12. Cement did circulate. Intermediate casing: ran 22 joints of new 9 5/8" X 36#/ft casing to 925' KB with 225 sx. Cement did not circulate.

Dan D Drilling Rig 11 Bit Record: 1) 17 1/2" STC RR out at 320', 2) 12 1/2" STC RR out at 954', 3) 8 3/4" RTC F-1100 PDC out at 4340',
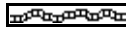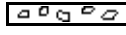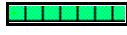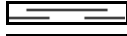
Gas Detector: Woolsey Operating Co, Gas Trailer #2
Mud System: Mud Co. Brad Bortz, Engineer

Drilling Info

CREWS

Steve Ellington-Tool Pusher, Sammy Fry-Relief Tool Pusher. Drillers: (12 hour-7 day). Johnnie Stone, David Herring, Jeffery Meyers, Terry Stark

ROCK TYPES

Anhy	Congl	Lmst	Black sh
Bent	Sdy dolo	Mrlst	Gry sh
Brec	Shy dolo	Salt	Shale
Cht	Dol	Shale	Shysltst
Clyst	Gyp	Sltst	Sltysh
Coal	Sdy lmst	Ss	

ACCESSORIES

MINERAL
- Anhy
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Ferrpel
- Ferr
- Glau
- Gyp
- Marl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt

- Chlorite
- Dol
- Sand
- Slty

FOSSIL
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra

- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomoldic

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

- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

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

Curve Track 1

| ROP (min/ft) | ——— |
| Gamma (API) | – – – |

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

Depth

Lithology

Oil Shows

Geological Descriptions

TG, C1-C5

TG (units)	━━━
C1 (units)	●━━━
C2 (units)	●‥━━━
C3 (units)	‥‥━━━
C4 (units)	·‥·━━━
C5 (units)	·‥·━━━

| 0 | TG | 200 |

Bill Klaver
Geologist

Reference well for structual control : Woolsey Operating Co's Baier GU #3, SW NW SE, 31-T33S-R13W. Woolsey Operating Co's Ricke F #2, N 1/2 NE, 31-T33S-R13W. WPC's Baier #2, SE SE, 31-T33S-R13W.

7 am Daily Progress:
November 20, 2012 MIRT
November 21, 2012 MIRT-SPUD
November 22, 2012 Surface work
November 23, 2012 Drilling at 779'
November 24, 2012 Drilling at 954'
November 25, 2012 Drilling at 1400'
November 26, 2012 Drilling at 2375'
November 27, 2012 Drilling at 3510'
November 28, 2012 KO point at 4340'
November 29, 2012 Drilling at 4612'
November 30, 2012 Drilling at 4951'
December 1, 2012   Drilling at 5168'
December 2, 2012 Drilling at 5374'
December 3, 2012 Bit trip at 5503'
December 4, 2012

Depth markers: 36, 3650, 3700, 3750

.60 deg @ 131.2 az

Track 1 (ROP / Gamma)

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

3800

3850

LeCOMPTON
3876 (-1990)

3900

KANWAKA
3924 (-2038)

-c-

3950

-c-

Depth annotations

.90
deg @
136.3
az

.80
deg @
145.1
az

Lithology / Remarks

PDC spls, soft tatters and shards, mostly soft
granular mush

Track 3 (TG)

TG 0 — 200

This is a composite well log display containing the following tracks and annotations:

Track 1 (left): ROP and Gamma Ray curves
- ROP (min/ft): scale 0 to 10
- Gamma (API): scale 0 to 150
- Markers labeled "-c-" at several depths
- HEEBNER 4121 (-2235)
- slide
- DOUGLAS 4186 (-2300)

Depth track (center-left): 4000, 4050, 4100, 4150, 4200
- .80 deg @ 136.7 az

Lithology column (center)

Lithology descriptions (center-right):
- shl gry lt med gry, tr sndy gritty, silty soft
- shl gry lt med gry silty gritty soft, tr sndy
- shl gry med, lt med gry silty sndy gritty soft
- lst wht off wth lt crm gry f xln gran soft sub chlky calc fill
- shl gry blk, blk carb, wxy grsy, gas bubs,
- shl gry lt gry silty, tr sst off wht clr tan clstrs, f grnd, arg, silty much clay fill, lst off wht lt gry silty, sndy gritty sub chlky
- lst wht off wth f xln gran soft sub chlky spls soft mush, TWBOW
- shl gry med drk/lt gry silty soft gran, tr sst off

Track (right): TG (Total Gas)
- TG: scale 0 to 200

Track headers (left):

Gamma (API) 0 ... 150

Lithology descriptions (center column):

shl gry med drk/lt gry silty soft gran, tr sst off wht lt gry, f grnd, sub ang grns, prly srtd, arg, much clay fill poor spls
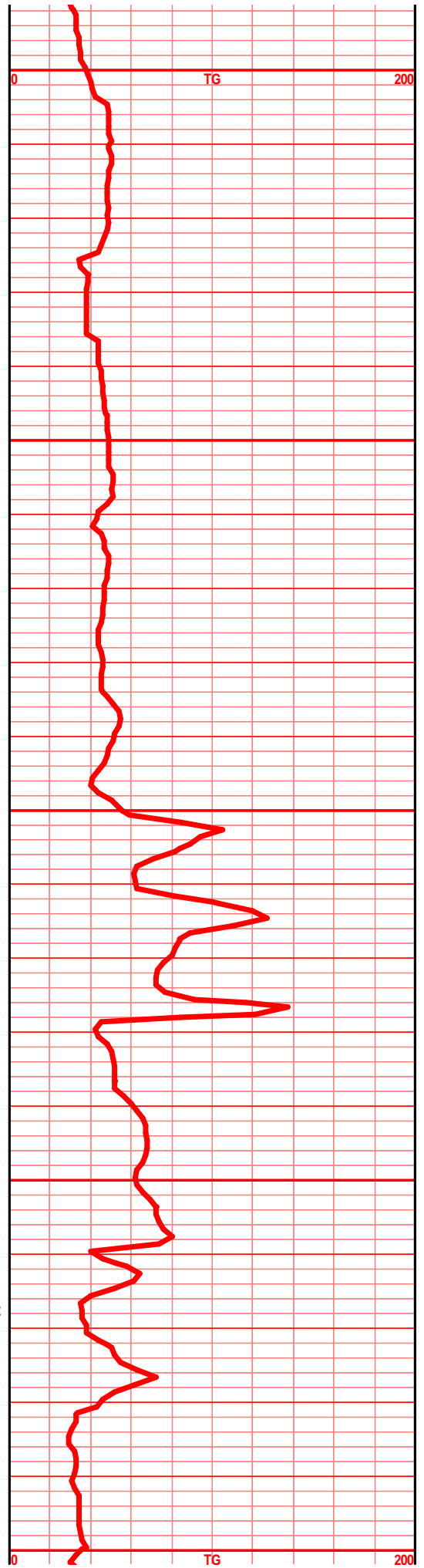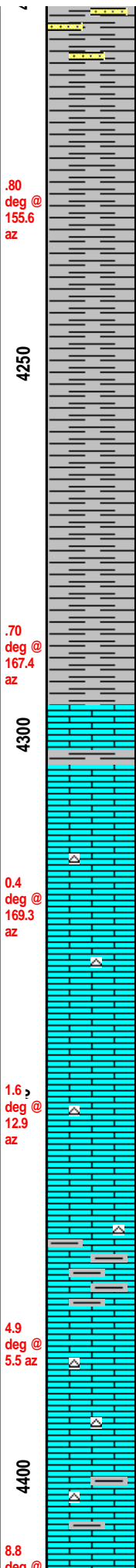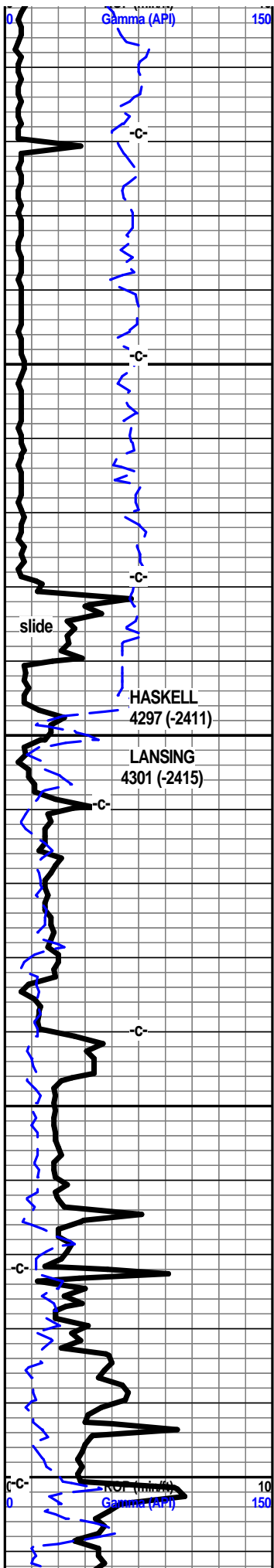
shl gry med drk gry silty soft gritty tr sndy

shl gry med lt drk gry, gry/green, silty soft

shl gry, gry/green silty soft gritty

shl gry med drk gry soft silty tr gritty

lst tan crm, lt tan brn f xln blky ang hrd dns, tr sub chlky, calc xln fill, tr micro foss frags

lst off wht crm f xln gran soft sub chlky, tr calc xln fill, tr micro foss frags, chrt wht off wht lt gry shrp frsh

lst off wht lt gry f xln gran chlky to sub chlky soft, tr foss frags, spls wsh wht, tr calc xln fill, scatt pp small vug por, chrt lt gry shrp frsh opaq

lst wht of wth lt gry f xl blky ang gran dns hrd, tr foss frags, tr calc xln fill, sub chlky to chlky, scat pp, small vug por, chrt lt gry shrp frsh opaq blky ang pcs

lst crm off wht, lt gry brn f xln gran blky ang hrd dns, sub chlky, pp vug por, calc xln fill, foss frags, chrt tan lt brn/gry shrp frsh opaq

Depth / survey annotations (red, center):

.80 deg @ 155.6 az

.70 deg @ 167.4 az

0.4 deg @ 169.3 az

1.6 deg @ 12.9 az

4.9 deg @ 5.5 az

8.8 deg @

Depth labels:

4250

4300

4400

Markers:

slide

HASKELL 4297 (-2411)

LANSING 4301 (-2415)

-c-

Right track annotations:

TG 0 ... 200
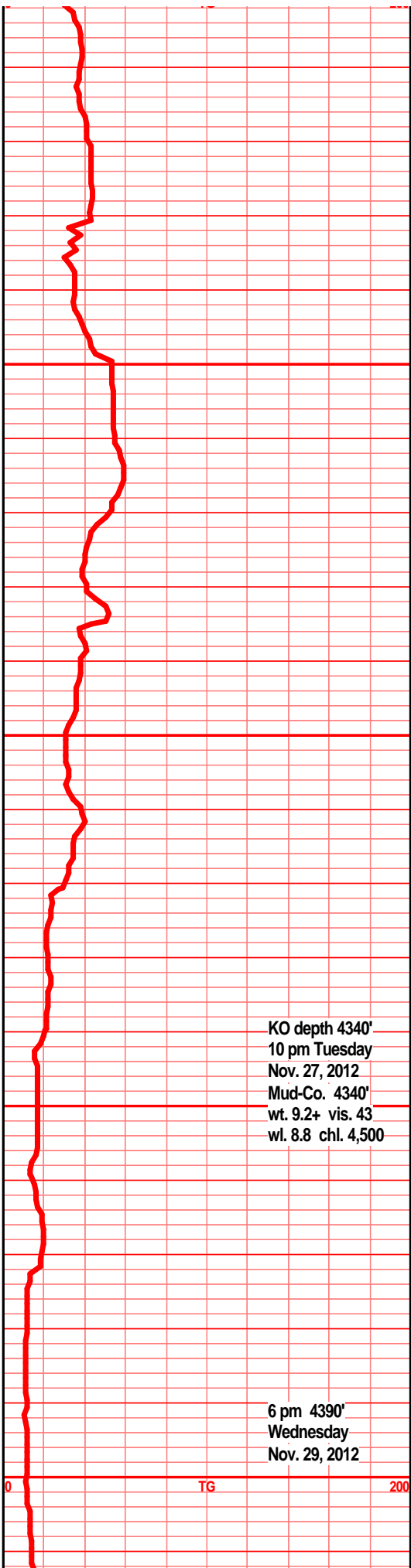
KO depth 4340'
10 pm Tuesday
Nov. 27, 2012
Mud-Co. 4340'
wt. 9.2+ vis. 43
wl. 8.8 chl. 4,500

6 pm 4390'
Wednesday
Nov. 29, 2012

Bottom track labels:

ROP (min/ft) 0 ... 10
Gamma (API) 0 ... 150
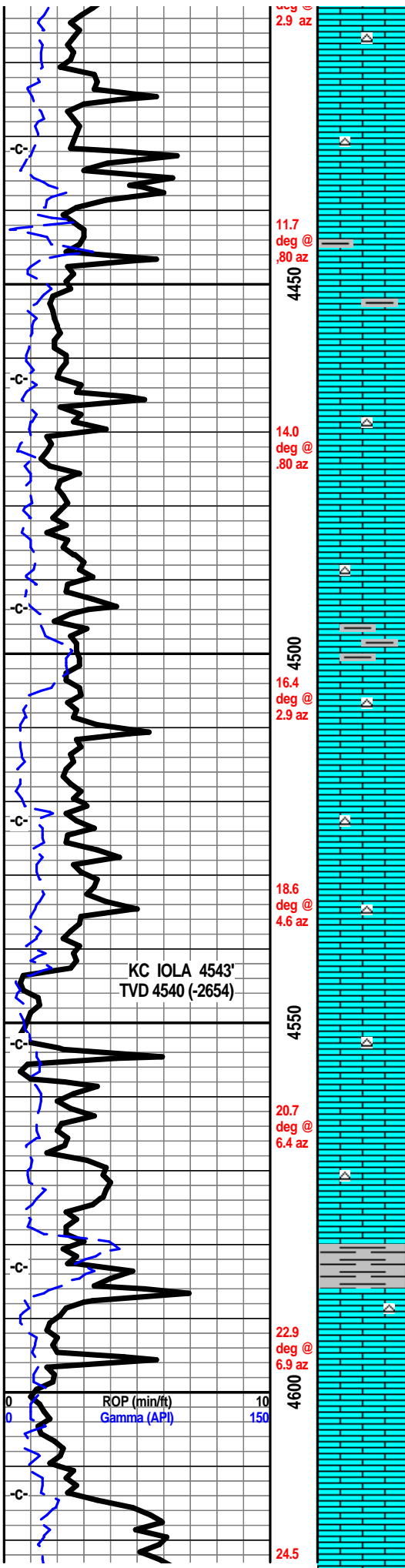
lst crm tan lt buff f xln gran soft sub chlky foss
frags, calc xln fill, inter xln por, pp por, chrt tan lt
gry shrp frsh

11.7
deg @
,80 az

lst tan off wht tr lt gry/brn f vf xln dns hrd blky
ang sub chlky foss frags, calc xln fill inter xln
por, small vug por, chrt tan lt gry shrp frsh foss

4450

14.0
deg @
.80 az

lst off wht tan lt gry f vf xln dns hrd blky ang sub
chlky tr soft/chlky, foss frags, inter xln por, tr
chrt tan lt gry shrp frsh opaq,

4500

16.4
deg @
2.9 az

lst, dolo in prt drk tan lt gry, f vf xln dns hrd blky
sub chlky foss frags, tr calc xln fill, chrt drk
gry/brn shrp frsh opaq

lst, dolo in prt, tan lt gry, off wht, f vf xln gran
blky ang dns pcs, sub chlky, foss frag, much
calc xln fill, in ter xln por, foss frags, chrt tan gry
shrp frsh

18.6
deg @
4.6 az

KC IOLA 4543'
TVD 4540 (-2654)

4550

lst drk crm lt gry off wht f sli vf xln gran blky ang
dns sub chlky pcs, calc xln fill, inter xln por,
mstly dns hrd, foss frags, tr chrt tan gry shrp
frsh opaq

20.7
deg @
6.4 az

lst lt gry, off wht, drk tan/crm f vf xln dns hrd
blky ang sub chlky pcs, foss frags, inter xln por,
mstly soft chlky gran inter gran por, foss frags,
chrt tan drk gry shrp frsh opaq

lst lt gry off wth drk crm f vf lxn blky ang gran
dns sub chlky pce, inter xln por, tr foss frags,
calc xln fill, chrt tan gry shrp frsh opaq

22.9
deg @
6.9 az

4600

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

lst drk crm, tan/gry f vf xln dns blky ang pcs,
chlky/vry chlky in prt soft gran, pp inter xln por,
calc fill, much chrt tan lt gry shrp frsh opaq

24.5

Scale Change
TG

0   TG   100

0   TG   100

4612' 7 am
Thursday
Nov. 29, 2012

deg @
8.0 az
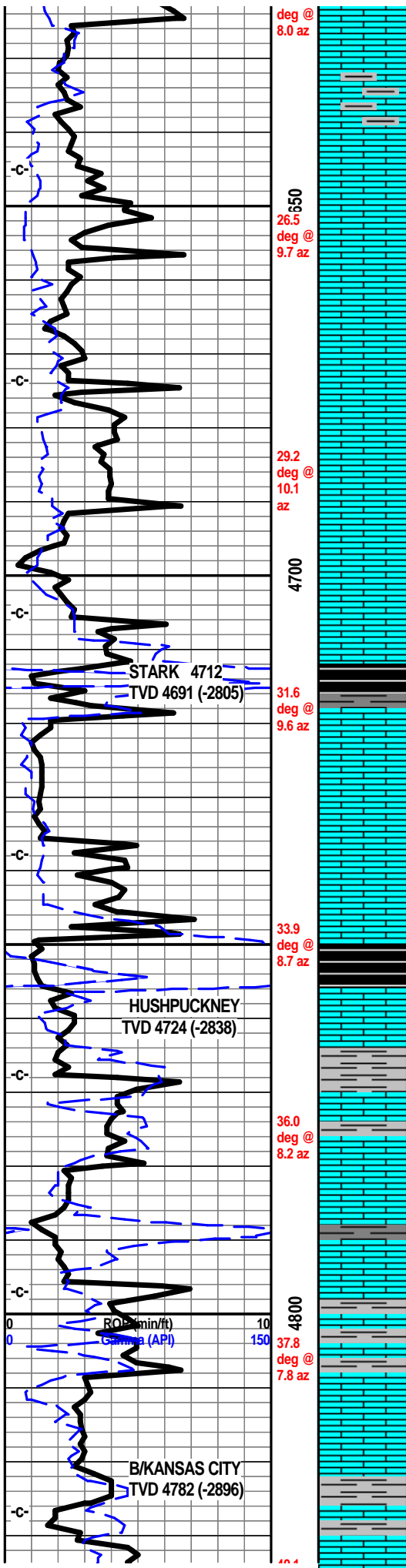
lst crm tan drk crm, tr tan/gry f vf xln blky ang
gran dns, hrd, chlky, foss frags, calc xln fill, inter
xln por, pp por, some soft chlky earthy, chrt tan
gry shrp frsh opaq

650

26.5
deg @
9.7 az

lst tan drk crm lt gry f vf xln dns hrd blky ang
pcs, sub chlky to chlky foss frags, inter xln por,
soft vry chlky in prt, chrt tan gry shrp frsh opaq

lst drk crm drk tan/gry f vf xln hrd dns blky ang
pcs, sub chlky to vry chlky in prt, inter xln por,
gran inter foss frag por, chrt tan gry drk brn shrp
frsh opaq

29.2
deg @
10.1
az

lst drk tan drk crm gry f vf xln dns hrd blky ang,
sub chlky foss frags. calc xln fill inter por, chrt
tan drk gry blk shrp frsh opaq

4700

Mud-Co. 4674'
wt. 9.1 vis. 49
wl. 8.8 chl. 3,000

lst drk crm tan, mstly gry f vf xln dns hrd blky
ang, sub chlky, calc xln fill, tr foss frags, spls
wsh wht, chrt tan drk gry shrp frsh opaq

STARK 4712
TVD 4691 (-2805)

31.6
deg @
9.6 az

blk carb shl in 4740' spl, lst tan lt gry, drk crm, f
vf xln gran blky chlky, foss frags, micro foss,
calc xln fill, chrt tan drk gry/blk shrp frsh opaq

lst drk gry brn f vf mic xln dns hrd blky ang pcs,
micro foss, micro ool, hvy calc xln fill, chrty in
prt, chrt drk gry, gry/blk shrp frsh opaq

33.9
deg @
8.7 az

HUSHPUCKNEY
TVD 4724 (-2838)

lst dull tan lt gry, gry/buff f vf xln hrd blky ang
dns pcs, sli dolo in prt, sub chlky, tr vry chlky in
prt, foss frags, inter xln por, chrt tan brn gry
shrp frsh opaq, blky ang pcs, only a couple pcs
gry blk, blk carb shl

36.0
deg @
8.2 az

mucho gry blk, blk carb shl in 4800', lst dull
crm/gry/tan aa, f vf xln blky ang dns hrd sub
chlky calc fill, tr foss frags aa

4800

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

37.8
deg @
7.8 az

shl gry drk gry brn, calc, lst tan gry gry brn f vf
xln dns hrd blky ang arg, silts, sub chlky, micro
foss frags, calc fill

0   TG   100

B/KANSAS CITY
TVD 4782 (-2896)

shl gry, gry drk green brn, silty gritty calc, lst tan
gry/brn f vf xln dns hrd blky ang arg, sub chlky
calc xln fill micro foss frags, mstly dns arg, chrt

-c-

Depth Track (ft)
4850, 4900, 4950, 5000

Deviation survey (red text, left)
- 40.1 deg @ 7.8 az
- 42.6 deg @ 8.3 az
- 44.9 deg @ 8.5 az
- 47.2 deg @ 8.0 az
- 49.1 deg @ 7.5 az
- 50.2 deg @ 8.3 az
- 51.5 deg @ 8.0 az

Left track annotations
- -c-
- -c-
- MISSISSIPPI TVD 4860 (-2960)
- -c-
- slide
- -c-
- slide
- -c-
- slide
- -c-
- slide

ROP (min/ft) 0 — 10
Gamma (API) 0 — 150
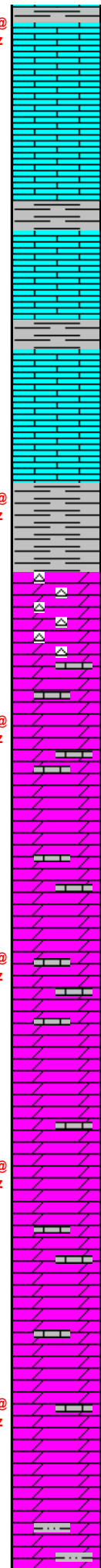
Lithology descriptions
tan brn shrp frsh opaq

lst drk tan/brn, tan gry f vf xln blky ang hrd dns, pyrtic, sub chlky tr foss frags, tr inter xln por, tr calc xln fill, mstly tite dns

lst crm buff tan f vf xln hrd blky ang dns pcs, NVP, tr sub chlky, tr calc fill, micro foss frags

shls, gry, gry green, blue/gry/green, lst tan crm buff off wht f vf xln dns hrd blky ang pcs, tr inter xln por, tr calc fill, micro foss frags

chrt lt gry, smokey, shrp frsh opaq with crm tan brn dolo edge, tan brn stain, VSSFO, gas bubs, dull UV, pp tr moldic por, sli odor, dolo tan buff lt gry vf xln blky ang hrd pcs, chrt inclu, tr inter xln por, tan brn stain, tr gas bubs/brkn

dolo crm off wth lt gry, f vf xln, sub chlky silty sli sndy text, tr lt gry/smokey shrp frsh chrt inclu, tr inter xln por, mstly dns, NVP, tan brn stained, tr gas bub, sli odor

dolo off wht lt gry f vf xln gran dns hrd blky pcs, sub chlky in prt, silty, sli sndy text in prt, tr lt gry smokey shrp frsh chrt inclu, tr inter xln por?, mstly dns, tan brn stain, tr gas bubs, sli odor

dolo off wht lt gry, lt gry/green, vf xln, gran, sli chlky, silty, tr sndy text, blky ang hrd pcs, tr wht shrp frsh opaq chrt, tr rare stain

dolo off wht lt gry, lt gry green, f vf xln dn shrd blky, tr sub chlky, tr calc, some sndy text/snd grn inclu, mstly dns hrd, tr wht/clr shrp frsh chrt

dolo drk crm tan gry, tr gry w/lt green tint, f vf xln gran tr sub chlky, sndy text in prt, tr snd gry inclu, mstly dns hrd, chrt clr shrp frsh opaq, lst drk brn, micro xln, dns hrd blky chrty

dolo lt gry, lt gry/green, f vf xln gran dns hrd blky and pcs, sndy text in prt, tr snd grn inclu, mstly dns, tr inter xln por, silic in prt, chrt lt gry/clr shrp frsh opaq

Gas track (red)
ROP/TG: 0 — TG — 100
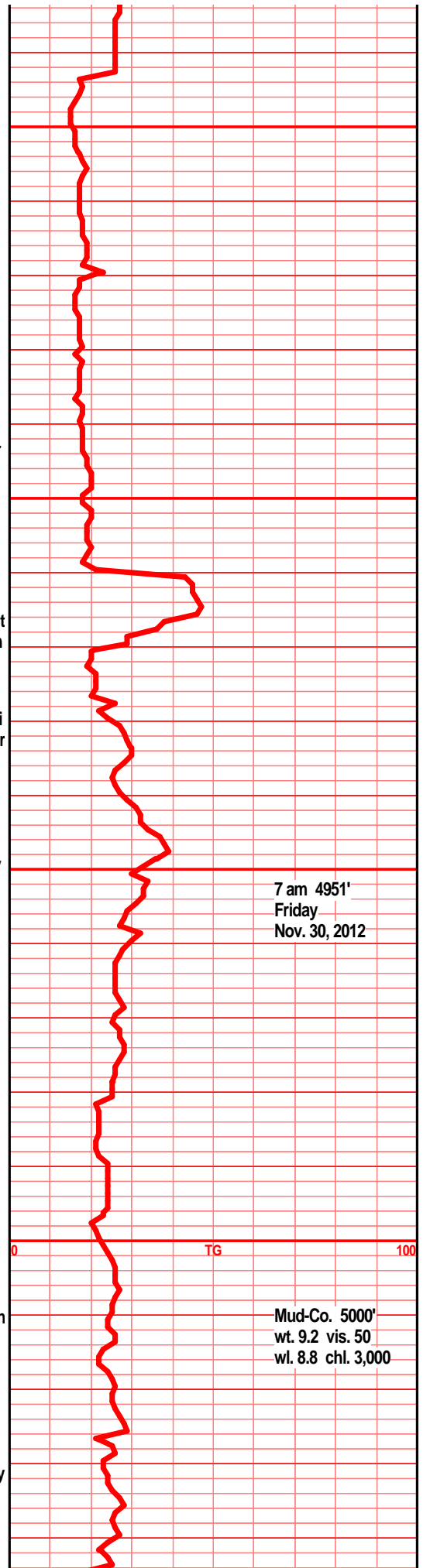
7 am 4951'
Friday
Nov. 30, 2012

Mud-Co. 5000'
wt. 9.2 vis. 50
wl. 8.8 chl. 3,000

OSAGE 5056
TVD 4916 (-3030)

FERN GLENN
TVD 5014 (-3128)

slide (multiple occurrences)

-c- (multiple occurrences)

Depth markers:
0
54.5 deg @ 8.7 az
58.3 deg @ 8.5 az
5100
61.8 deg @ 8.7 az
64.1 deg @ 8.5 az
5150
66.2 deg @ 7.8 az
5200
68.6 deg @ 6.4 az
70.1 deg @ 6.4 az
5250

Log scale:
0 ROP (min/ft) 10
0 Gamma (API) 150
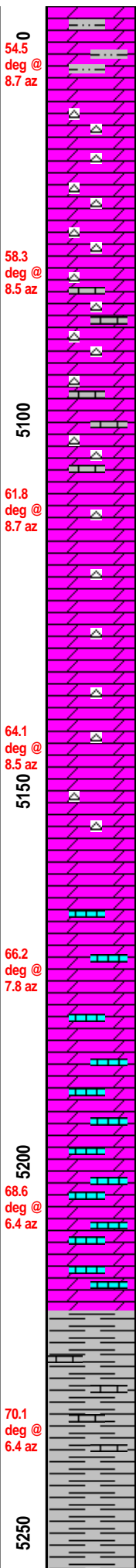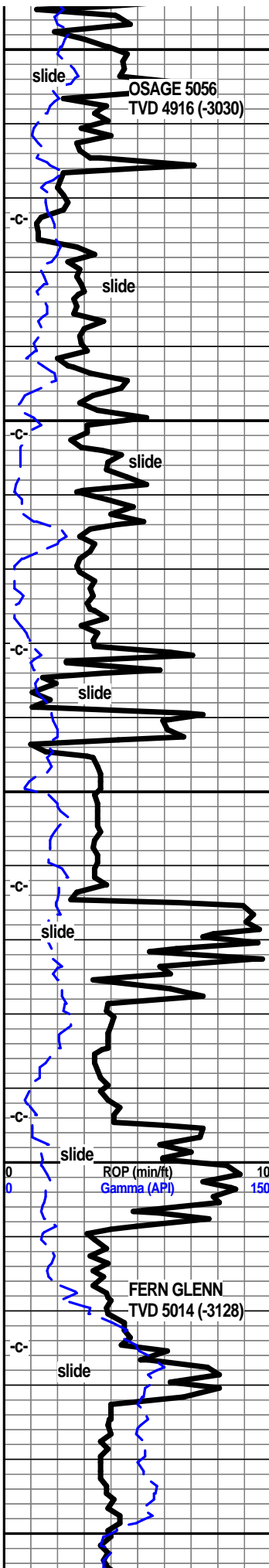
dolo lt gry, lt gry/green f vf xln, silty, silic in prt, blky ang hrd, tr sndy text, tr snd grn inclu, sub chlky in prt, chrt clr shrp frsh opaq, tr tan brn stained dolo, f xln blky ang gran in prt, tr inter xln por, tan brn stain, scatt dull UV

LOST RETURNS

5080' spl mstly trash and lcm, some tan gry brn dolo, f xln gran inter xln por, tan brn stain, tr gas bub? scat rare dull UV

dolo crm tan lt brn to brn f xln gran sli chlky, sli soft, pp inter xln por, tan brn stain, dull UV, tr chrt with tan gry frsh shrp chrt inclu, tan brn stain at chrt dolo contact

dolo/lst in prt, tan lt brn/brn f xln blky ang dns sli chlky pcs, pp inter xln por, tan brn stain, NSFO, tr gas bubs, clr lt gry chrt inclu, chrt gry drk gry shrp frsh foss sub opaq

dolo tan lt gry/brn f xln gran sli chlky, calc, pp inter xln por, tan brn stain, chrt tan gry shrp frsh sub opaq, dolo gry tan vf xln dns gran silic in prt

poor sample, dolo as above, lst off wht lt tan f sli med xln gran blky dns, sli chlky sli chrt in prt, sample mostly LCM and gry blk ratty shales

all nutplug, beeds, flozan and cedar fill

dolo off wht lt gry f vf xln blky dns ang pcs, silic in prt, tr silty, calc in prt, tr snd grn inclu, lst wht off wth crm f xln blky ang sub chlky tr chrt wht shrp frsh opaq

lst tan drk buff lt gry f vf xln dns hrd blky ang, tr sub chlky mstly dns, tr micro xln fill, dolo lt gry f xln gran blky silic, hrd dns

lst drk crm tan gry dolo in prt, f vf xln dns hrd blky silic in prt, sub chlky, dna hrd ang pcs, shls gry lt gry green silty gritty soft

shls gry, lt gry green silty soft, calc in prt, silty gritty, tr gry lt blk bedded with pyrite streaks

Right track (gas/TG):

<<<<<
Lost Returns at 5073' connection mix mud & lcm down 6 hours

<<<<<
6 pm 5073' Friday Nov. 30, 2012

7 am 5168' Saturday Dec. 1, 2012

0 TG 100

Mud-Co. 5210' wt. 8.7 vis. 43 wl. 9.6 chl. 6,500

gritty, tr gry lt blk bedded with pyrite strariks,

slide

MD 5266'
TVD 5030 (-3144)

70.9 deg @ 6.2 az
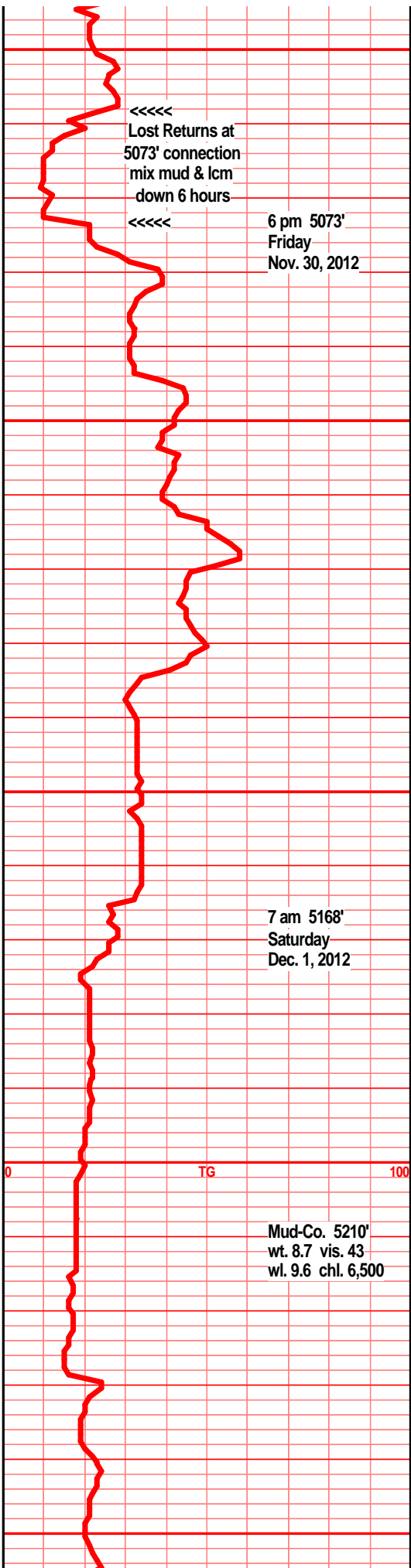
shl lt gry, lt gry/green silty gritty, silic in prt, dns hrd flky pcs, tr pyritic, tr lst wht off wht f xln blky ang dns, silic in prt, sub chlky

71.3 deg @ 5.7 az

Compton ?

shl gry, lt gry/green silty, gritty, silic in prt, slick, tr pyritic

shl gry, lt gry, mstly lt gry greenish/blue, silty gritty, silic text in prt, pyritic

71.3 deg @ 5.9 az

shl gry green silty gritty, silic text, lst wht off wht tan f xln gran blky chlky arg silty

5350

lst off wht dull tan, f vf xln dns hrd blky ang pcs, tr sub chlky, same gry/green silty gritty silic text shls

COMPTON
TVD 5056 (-3170)

70.9 deg @ 4.6 az

lst off wht crm dull tan, f vf xln, blky ang hrd pcs, tr sub chlky, chrt tan lt gry frsh shrp opaq, sub transp in prt,

7 am 5374'
Sunday
Dec. 2, 2012

70.1 deg @ 4.6 az

lst off wht dull tan, dull buff, f micro xln dns hrd blky pcs, tr sub chlky, mstly tite dns hrd, chrt off wht tan dull tan shrp frsh opaq, tr sub transl

Calibration
Check

5400

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

| 0 | TG | 100 |

lst off wht dull tan gry f micro xln dns hrd blky ang, chrt tan off wht, clr shrp frsh

69.8 deg @ 4.6 az

lst off wht dull tan gry f vf micro xln dns hrd blky ang pcs, tr sli sub chlky, tr chrt wht off wth lt gry/clr shrp frsh semi opaq, sub transl

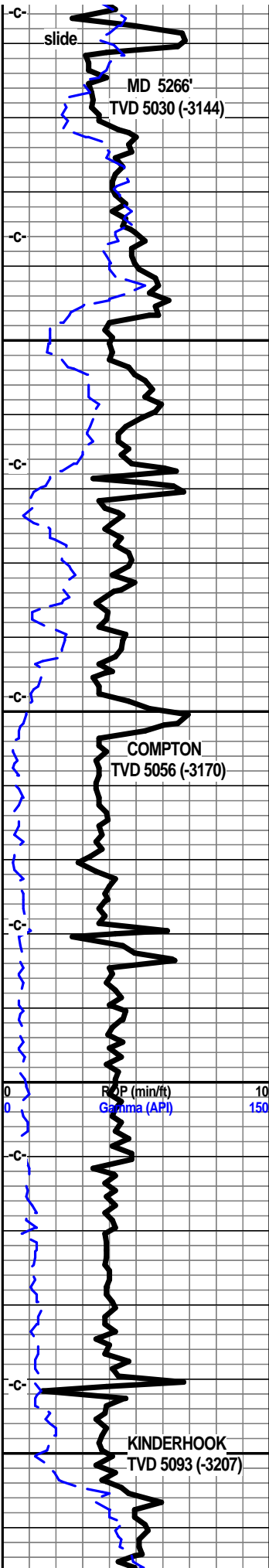Mud-Co. 5426'
wt. 9.1 vis. 44
wl. 9.0 chl. 6,000

lst off wht dull buff tan f micro xln dns hrd blky ang, some sub chlky, mstly tite, chrt off wht clr shrp frsh opaq, less chrt with depth

KINDERHOOK
TVD 5093 (-3207)

69.7 deg @ 4.5 az

Lithology descriptions (center column, top to bottom):

shl gry drk med drk gry, gritty silty, bedded, some bands, tr drkr blk, platy, bedded, tr pyritic

shl gry med to drk gry silty gritty, platey, some bedded/bands, tr drkr gry/blk, tr pyritic

shl gry dkr gry blk, silty gritty, tr bedded, pyritic bands, tr drkr blk, semi carb, wxy grsy text some gas bubs

sh gry, med drk gry, silty, gritty tr bedded, pyrite bands, tr drkr blk sub carb, wxy grsy text

shl drk gry, blk with reddish tint, gritty, tr sndy text, wxy grsy text, blky ang pcs, gas bubs, pyritic specks

shl drk gry, drk gry/blk, silty gritty, vfnly sndy, pritic poor sample

shl blk, drk reddish tint blk, wxy grsy text, gritty, sndy, f grnd sub ang/sub rded snd grn inclu, pyritic, abun gas bubs

shl drk gry blk, mstly blk, blky ang pcs, grsy wxy text, silty sndy, with clr f grnd sub ang/sub rded grains, much pyrtite, gas bubs, filmy cond, nodor

shl blk, tr drk gry blk, tr drk blk w/reddish tint, blky ang pcs, wxy grsy text, silty, sndy w/ f grnd sub ang/sub reded snd grns, pyritic in most, gas bubs, filmy show w/brkn

shl drk gry blk, silty gritty, mstly drk blk, carb text, wxy grsy, pyritic, sndy text, clr sub rded, sub ang sand grn inclu, gas bubs, filmy show

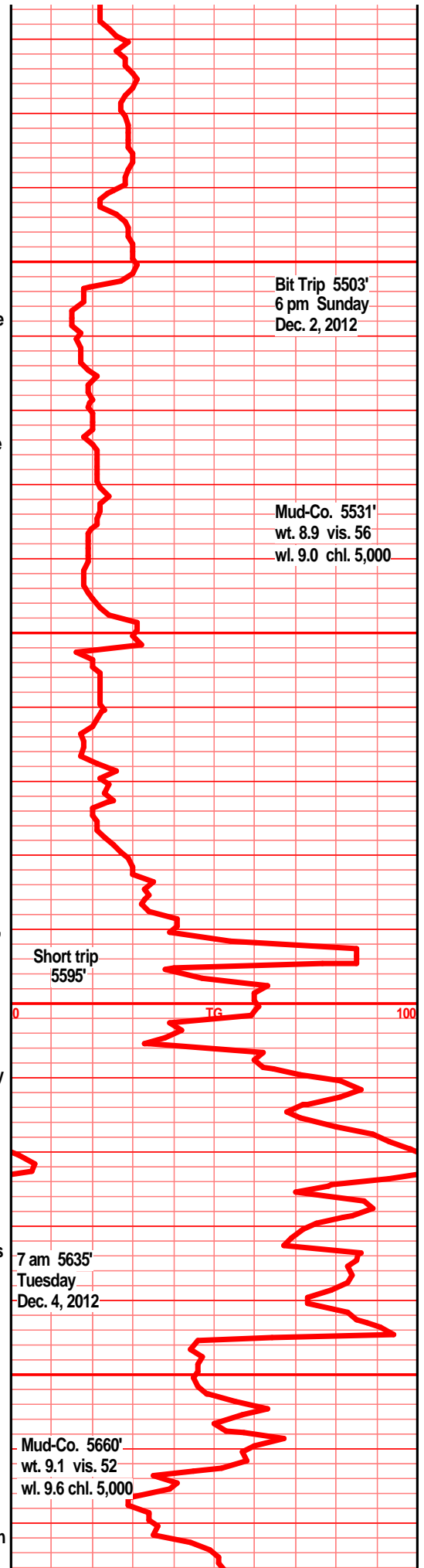gry med gry silty gritty dolo shl, bedded, snd grn inclu, pyritic, fnly silic text in most, shl aa

Depth / survey annotations (left of lithology):

70.2 deg @ 4.6 az

5500

71.6 deg @ 4.3 az

73.9 deg @ 4.3 az

5550

77.1 deg @ 5.7 az

Woodford
TVD 5132 (-3246)

5600

80.0 deg @ 5.3 az

81.7 deg @ 6.6 az

5650

83.7 deg @ 7.5 az

Log track labels:

-c-
slide

0 slide ROP (min/ft) 10
0 Gamma (API) 100

0 TG 100

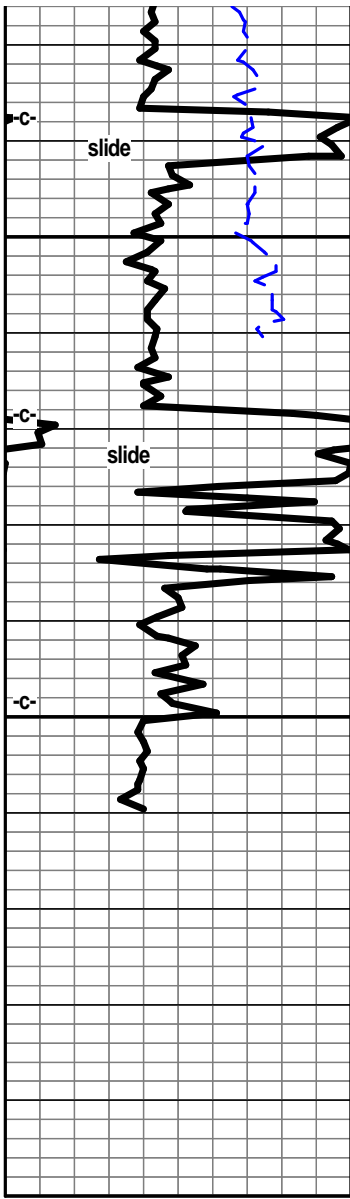**Right side notes (red):**

Bit Trip 5503'
6 pm Sunday
Dec. 2, 2012

Mud-Co. 5531'
wt. 8.9 vis. 56
wl. 9.0 chl. 5,000

Short trip
5595'

7 am 5635'
Tuesday
Dec. 4, 2012

Mud-Co. 5660'
wt. 9.1 vis. 52
wl. 9.6 chl. 5,000

-c-

slide

85.1
deg @
7.8 az

-c-

slide

-c-

5700

5750

shl gry med gry/brn silty gritty, fnly sndy text,
silic in prt, vf grnd sub rded snd grn inclu, tr
pyritic, bedded

shl med gry, med gry brn, silty gritty, silic text, vf
grnd sub rded snd grn inclu, pyritic, soft mushy

shl gry brn, med brn silty gritty, silic text, sndy
text, vf grnd sub ang/sub rded snd grn inclu,
pyritic, soft mushy, tr filmy show, dry stain/brkn