



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
 Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
-----------------------------------	-----------	---------	-------------	---------------	---------

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	WECKWORTH 6 SWD
Doc ID	1075556

All Electric Logs Run

POROSITY
RESISTIVITY
SONIC
CEMENT BOND

ALLIED CEMENTING CO., LLC. 037828

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge KS

DATE <i>11-04-11</i>	SEC. <i>09</i>	TWP. <i>35s</i>	RANGE <i>12w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>4:00 AM</i>
LEASE <i>Week Worth</i>	WELL # <i>6 SWD</i>	LOCATION <i>Handtruck 1E, 5/8</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <i>Duke #7</i>	OWNER <i>Woolsey Oper.</i>
TYPE OF JOB <i>Surface</i>	
HOLE SIZE <i>17 1/2</i>	T.D. <i>240'</i>
CASING SIZE <i>13 3/8</i>	DEPTH <i>225' + 17' 8 5/8"</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <i>300#</i>	MINIMUM <i>-</i>
MEAS. LINE	SHOE JOINT <i>N/A</i>
CEMENT LEFT IN CSG. <i>20'</i>	
PERFS.	
DISPLACEMENT <i>33 1/4 Bbls Fresh H₂O</i>	

CEMENT AMOUNT ORDERED <i>250s class A + 3% cc + 2% gel</i>
COMMON <i>250 SACKS A</i> @ <i>11.25</i> <i>4062.50</i>
POZMIX @
GEL <i>5 SACKS</i> @ <i>21.25</i> <i>106.25</i>
CHLORIDE <i>9 SACKS</i> @ <i>58.20</i> <i>523.80</i>
ASC @
@
@
@
HANDLING <i>264</i> @ <i>2.25</i> <i>594.00</i>
MILEAGE <i>264 x .11 x 20</i> <i>580.80</i>
TOTAL <i>5867.35</i>

EQUIPMENT

PUMP TRUCK	CEMENTER <i>D. Felix</i>
# <i>360-265</i>	HELPER <i>J. Thimesch</i>
BULK TRUCK	
# <i>364</i>	DRIVER <i>C. Balding</i>
BULK TRUCK	
#	DRIVER

WELL FILE

Regulatory Correspondence
Orig / Comp Workovers
Tests / Meters Operations

REMARKS:

Pipe on Bttm Break Crg. w/ Pump Spacer, Mix 250s A 3#2 cement, Start Disp. w/ Fresh H₂O, Wash up truck, See increase in PSI, Slow Rate Stop pump at 33 1/4 Bbls total Disp, Shut in, Cement Did Cloc.

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<i>1125.00</i>
EXTRA FOOTAGE @	
MILEAGE <i>40</i> @ <i>7.00</i>	<i>280.00</i>
MANIFOLD <i>N/A</i> @ <i>N/A</i>	
<i>Light Vehicle 40</i> @ <i>4.00</i>	<i>160.00</i>
@	

CHARGE TO: *Woolsey oper.*

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL *\$1565-*

PLUG & FLOAT EQUIPMENT

None

@	
@	
@	
@	
@	

TOTAL _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES *\$7432.35*

DISCOUNT *20%* IF PAID IN 30 DAYS

Net *\$5,945.88*

PRINTED NAME *Donald Boyd*

SIGNATURE *Donald Boyd*

ALLIED CEMENTING CO., LLC. 037896

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge, KS

DATE <u>11-24-11</u>	SEC <u>9</u>	TWP <u>35</u>	RANGE <u>12</u>	CALLED OUT <u>5:00pm</u>	ON LOCATION <u>8:00pm</u>	JOB START <u>9:00am</u>	JOB FINISH <u>10:00am</u>
WECKWORTH LEASE	WELL # <u>654D</u>	LOCATION <u>Herather, KS lease</u>			COUNTY <u>Berhar</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>S/into</u>				

CONTRACTOR Duke #7
 TYPE OF JOB Production
 HOLE SIZE 9 7/8 T.D. 5650'
 CASING SIZE 7" 23# DEPTH 5635'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1500 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 38'
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 221 bbls of Freshwater

OWNER Woolsey Operating
 CEMENT AMOUNT ORDERED 905x 60' 40' 496 60'
1755x 1155 ft + 10% Grp + 10% loss + 6ft
Kalseal + 8% FL 160 + 1/4# Flores

EQUIPMENT
 PUMP TRUCK CEMENTER Dawn F.
 # 471-302 HELPER Rong
 BULK TRUCK
 # 421-252 DRIVER Edare P.
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>A 54 sacks</u>	@	<u>16.25</u>	\$	<u>877.50</u>
POZMIX	<u>36 sacks</u>	@	<u>8.50</u>		<u>306.00</u>
GEL	<u>3 sacks</u>	@	<u>21.25</u>		<u>63.75</u>
CHLORIDE		@			
ASC		@			
H	<u>175 sacks</u>	@	<u>22.15</u>		<u>3876.25</u>
Gypseal	<u>17 sacks</u>	@	<u>34.20</u>		<u>581.40</u>
Salt	<u>19 sacks</u>	@	<u>12.00</u>		<u>228.00</u>
Kalseal	<u>1050#</u>	@	<u>.89</u>		<u>934.50</u>
FL-1160	<u>131#</u>	@	<u>17.20</u>		<u>2253.20</u>
Floresal	<u>43#</u>	@	<u>2.70</u>		<u>116.10</u>
		@			
HANDLING	<u>330</u>	@	<u>2.25</u>		<u>742.50</u>
MILEAGE	<u>330 x .11 x 20</u>				<u>726.00</u>
				TOTAL	<u>\$ 11,111.45</u>

REMARKS:

Pipe on bottom & break circulation
 mix 40% of cement for Rest & mouse holes, mix
 50% of Sensar cement, mix 1755p
 of 49.1 cement, shut down, wash pump &
 lines, start displacement, lift pressure &
 150 bbls, slow rate to 3 bpm @ 210 bbls
 bump plus 9 + 221 bbls 800-1500 psi
 float & hold, set Triplex shoe @ 250 PS.
 with 2nd ball

SERVICE

DEPTH OF JOB	<u>5635'</u>		
PUMP TRUCK CHARGE			<u>2145.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40</u>	@	<u>7.00</u> <u>280.00</u>
MANIFOLD	<u>Herather</u>	@	<u>200.00</u>
light vehicle	<u>40</u>	@	<u>4.00</u> <u>160.00</u>
TOTAL <u>3335.00</u>			

CHARGE TO: Woolsey Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

WELL FILE

Regulatory Correspondence
 Drilg Comp Workovers
 tests / Meters Operations

DEC 21 2011

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment
 and furnish cement and helper(s) to assist owner or
 contractor to do work as is listed. The above work was
 done to satisfaction and supervision of owner agent or
 contractor. I have read and understand the "GENERAL
 TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

	<u>7"</u>		
1-Triplex Shoe		@	<u>1320.00</u>
1-Latch Down Plug		@	<u>339.00</u>
1-Basket		@	<u>395.00</u>
5-Turbolizers		@	<u>8500</u> <u>425.00</u>
TOTAL <u>\$2479.00</u>			

PRINTED NAME X MIKE JAMP
 SIGNATURE X Mike Jamp
 Thank you!!!

SALES TAX (If Any)	
TOTAL CHARGES	<u>\$16,925.45</u>
DISCOUNT	<u>20%</u> IF PAID IN 30 DAYS
	<u>Net \$13,540.36</u>



Woolsey Operating Company, LLC

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

Well Name: Weckworth #6 SWD
Location: Section 9 - Township 35 South - Range 12 West
License Number: 15-007-23788 00-00
Spud Date: November 3, 2011
Surface Coordinates: 2236' FSL, 1907' FWL or NE NW NE SW
Bottom Hole Coordinates: Verticle Hole
Region: Barber County, KS
Drilling Completed:
Ground Elevation (ft): 1414' K.B. Elevation (ft): 1427'
Logged Interval (ft): 4000' To: Total Depth (ft):
Formation: Kansas City -----> Arbuckle
Type of Drilling Fluid: Chemical Mud

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

COMMENTS

Surface Casing: Spud at 8:15 pm on 11/3/2011, set 5 joints 13 3/8" X 48#/ft new casing at 241' KB (tally 222,42') w/240 sx Class A, 2% gel, 3% cc. Plug down at 4 am on 11/4/2011. Cement did circulate.
Production Casing: 7" X 24#/ft, 4 1/2" X 10.5#/ft.

Deviation Surveys: 1/2 at 242', 2.2 at 1065', 2.7 at 1127', 2.2 at 1220', 2.5 at 1314', 2.2 at 1404', 2.5 at 1533', 2.5 at 1659', 1.5 at 1720', 1.5 at 1876', 1.7 at 1977', other surveys see detail

Pipe Strap @ 5115', Strap: 5124.99, Board: 5126.01', Strap 1.02' long. No correction to the board was made.

Duke Drilling Rig 7 Bit Record:

#1 17 1/4" HTC RR in at 0' out at 242', 242' in 4.5 hours.

#2 9 7/8" Hughs MXCS 30DX in at 242', out at 5115', 4873' in 188 hours, Average 25' per hour.

#3 9 7/8" Hughs MXCS 30DX in at 5115', out at 5650', 535' in 53 1/2 hours, average 10' per hour.

#4 7 7/8" Reed R30A in at 5650' out at 6392', 742' in 41 hours, average 18' per hour.

Gas Detector: Woolsey Operating Co. Gas Trailer #2

Mud System: Mud-Co. Brad Bortz, Terry Ison, Engineers

Open Hole Tests: No Formation Tests Were Ran

OH Logs: Open hole Arbuckle logged after casing was set.

Draw Works: National 370

Mud Pump: National K-500

DSTs

No open hole formation tests were ran.

CREWS



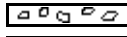

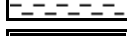

Craig Mertens, Morning






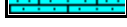
Shane Meitler, Days


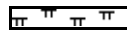




Steven "Skippy" Green, Evening






Gaylen Roach, Tool Pusher

ROCK TYPES

 Anhy
 Bent
 Brec
 Cht
 Clyst
 Coal

 Congl
 Sdy dolo
 Shy dolo
 Dol
 Gyp
 Sdy lmst

 Lmst
 Mrlst
 Salt
 Shale
 Sltst
 Ss

 Black sh
 Gry sh
 Shale
 Shysltst
 Sltsh

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
- Ostra

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

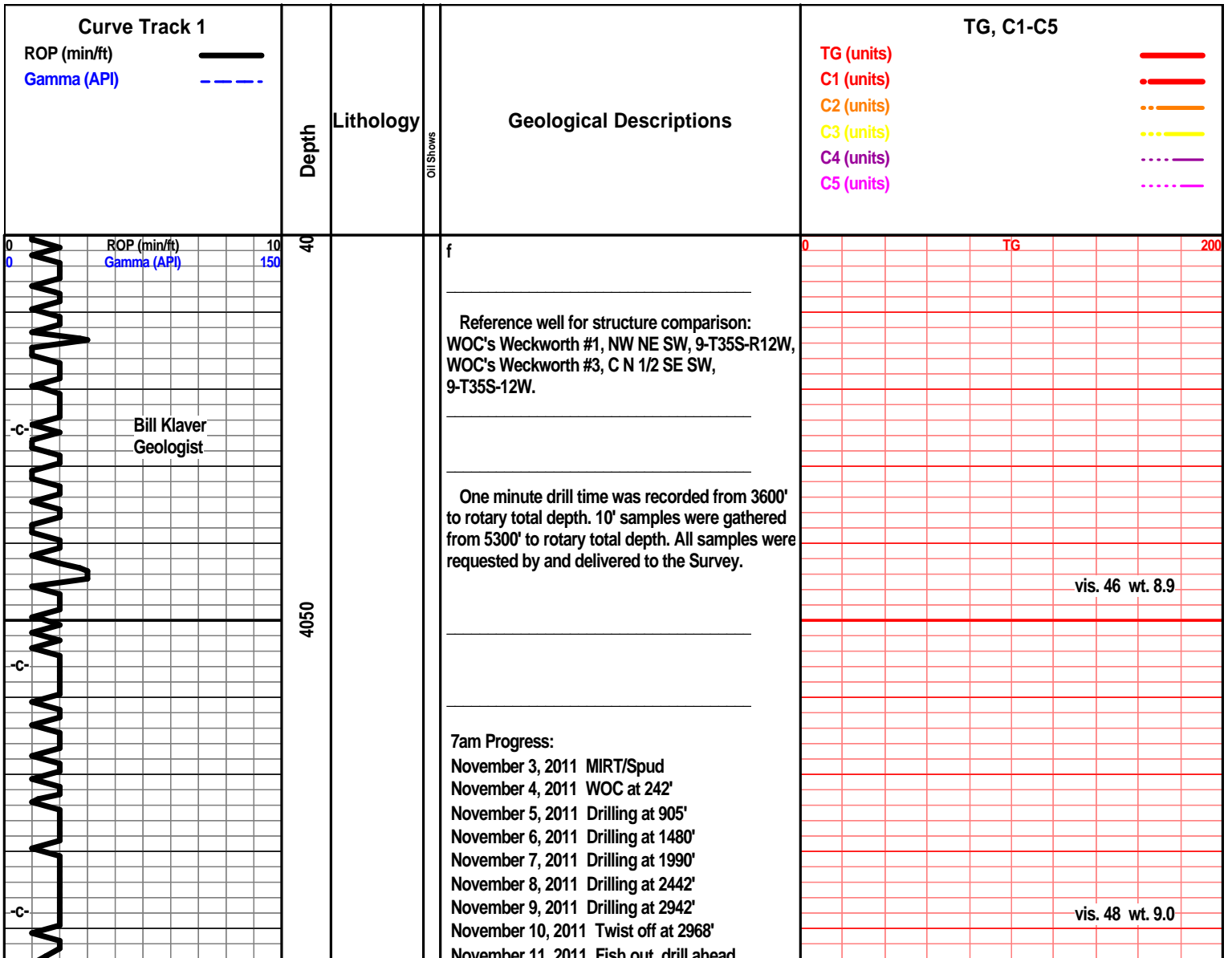
STRINGER

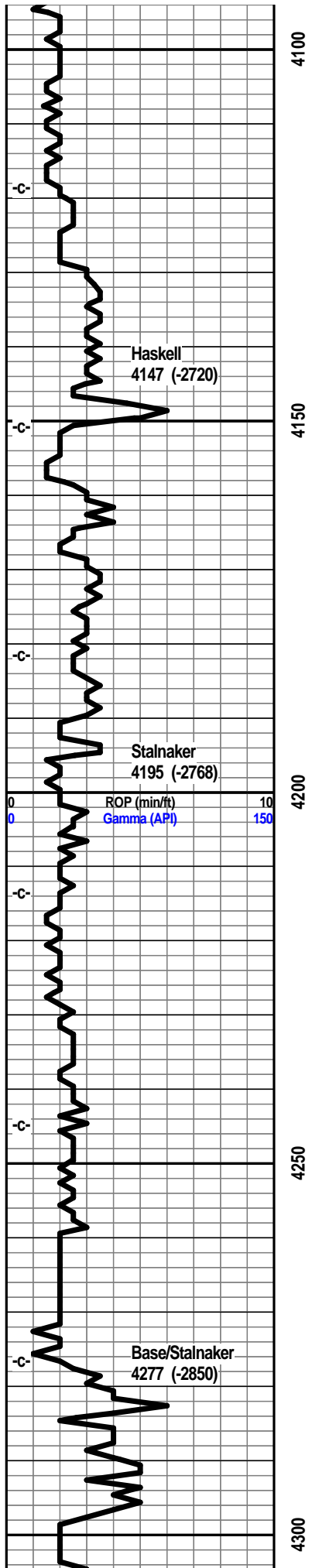
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Slststrg
- Ssststrg
- Carbsh
- Clystn
- Dol

- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Slststn

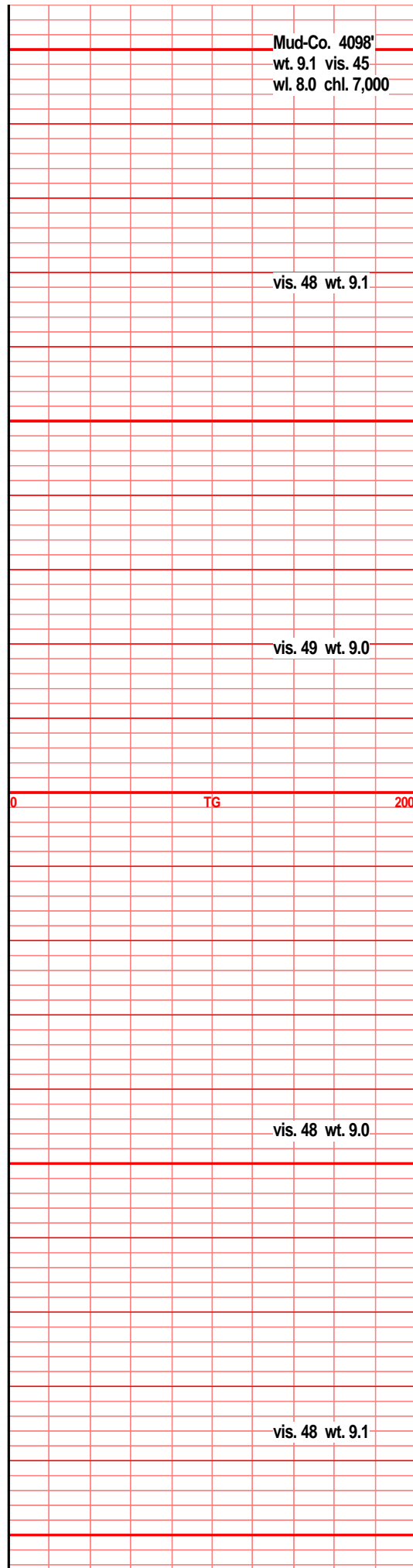
TEXTURE

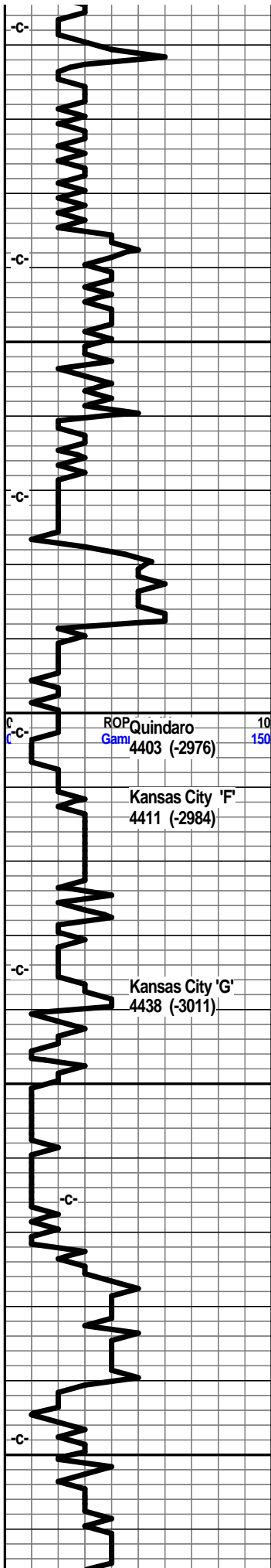
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest





November 12, 2011 Drilling at 3190'
 November 13, 2011 Drilling at 3555'
 November 14, 2011 Drilling at 4085'
 November 15, 2011 Drilling at 4548'
 November 16, 2011 Drilling at 4875'
 November 17, 2011 Bit trip at 5115'
 November 18, 2011 Drilling at 5315'
 November 19, 2011 Drilling at 5543'
 November 20, 2011 Drilling at 5692'
 November 21, 2011 Drilling at 6118'
 November 22, 2011 Bit Trip 6392'
 November 23, 2011 Drilling at 6635'



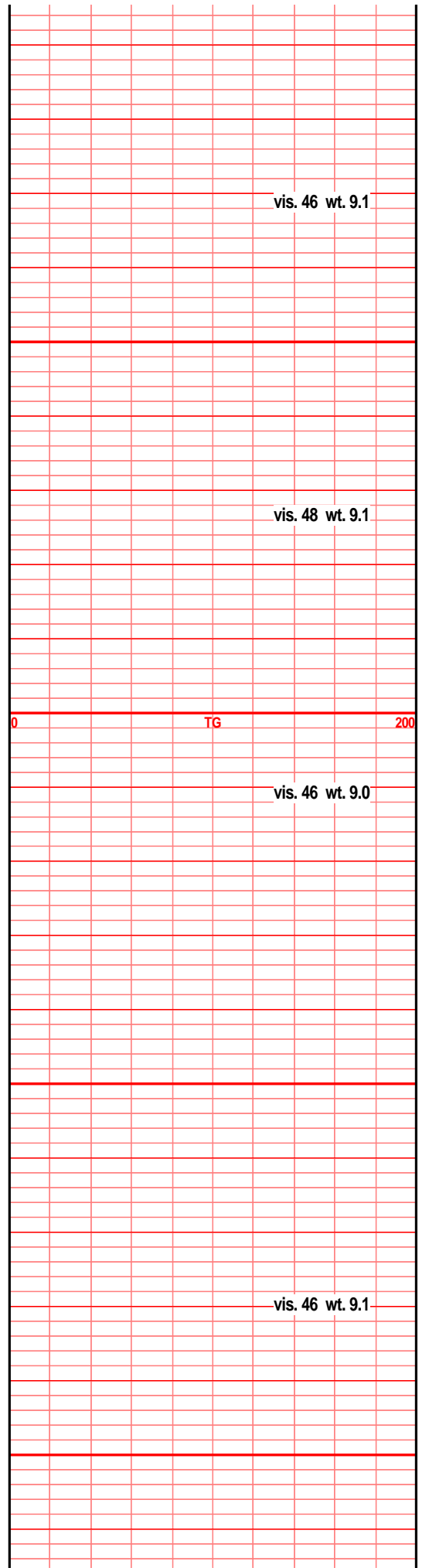
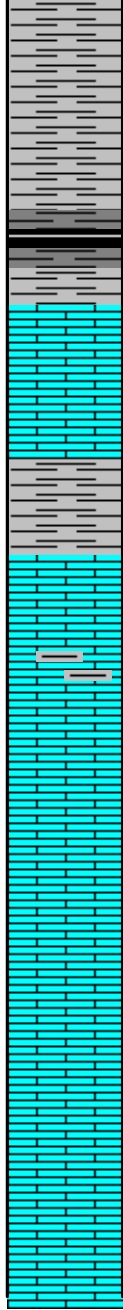


4350

4400

4450

4500



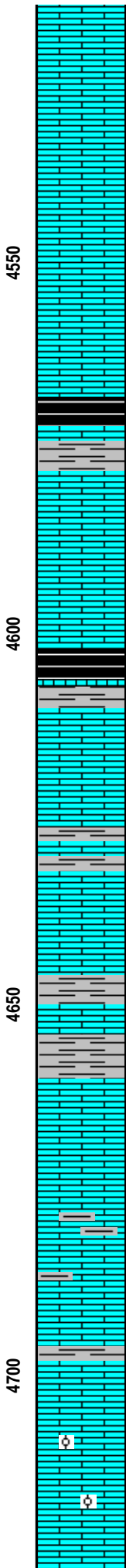
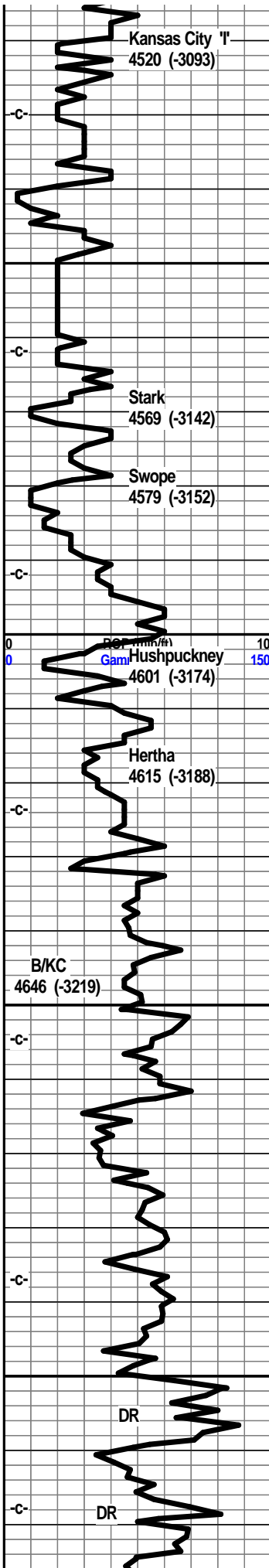
vis. 46 wt. 9.1

vis. 48 wt. 9.1

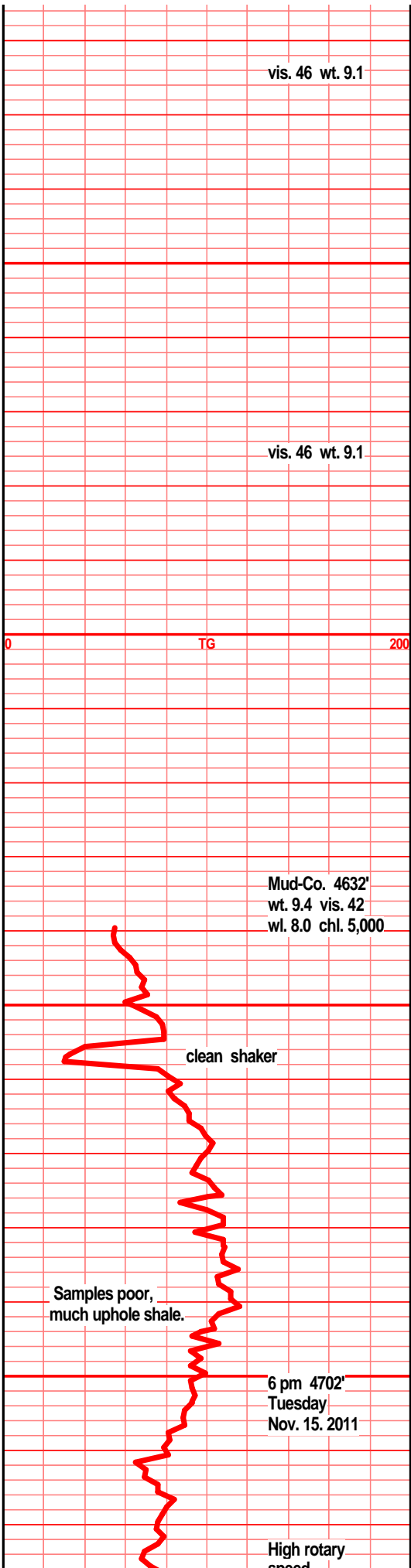
vis. 46 wt. 9.0

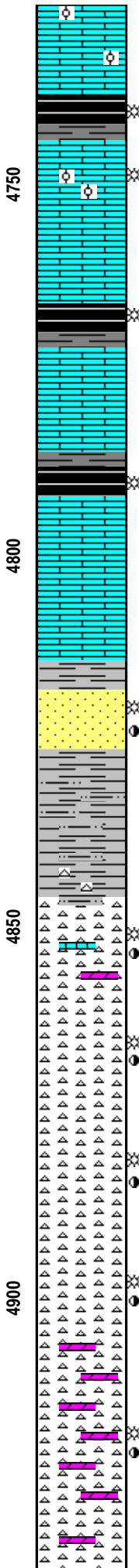
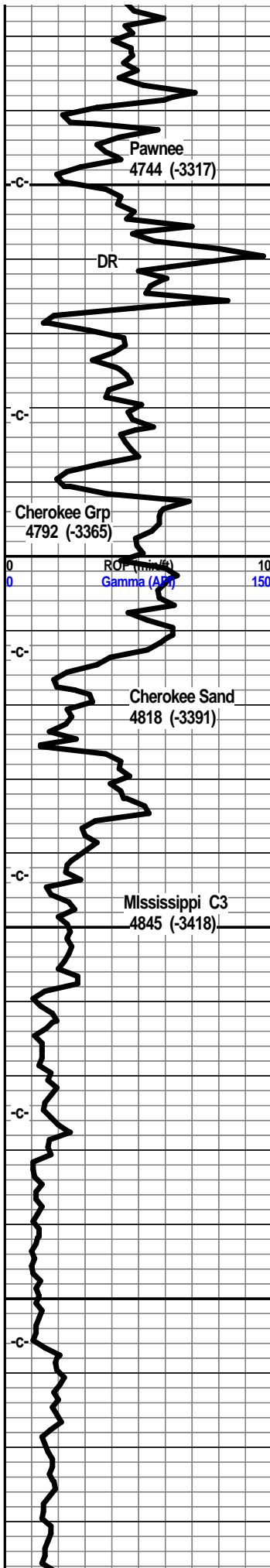
vis. 46 wt. 9.1

0 TG 200



1st gry tan tr brn f vf lxn dns hrd, ang, foss frags, tr calc xln fill, arg, silts, shl gry, drk gry blk
 shl gry gritty silty calc, 1st tan gry buff f vf xln blk ang dns, sub chlky, foss frags, calc xln fill
 1st crm buff lt gry f vf xln dns hrd blk, foss frags, calc xln fill, chrt wht tan shrp frsh, much shl, gry, gry/green silty calc
 1st tan buff lt gry f vf lxn dns hrd blk tr sub chlky foss frags, micro ool, chrt aa, calc xln fill





lst buff tan lt gry f vf xln dns hrd blkly tr sub
chlky foss frags, micro ool, chrt wht tan shrp
frsh foss

shl gry drk gry blk, blk carb, wxy grsy, bedded,
blk carb bands, tr gas bubs

lst crm tan buff f vf xln blkly ang gran in prt, sub
chlky in prt, foss frags, micro ool, calc xln fill, tr
gas bubs, fair on break, nodor, nsfo

lst tan buff lt gry f vf lxn dns hrd blkly, sub chlky
foss frags, ool, calc xln fill

shl gry, drk gry blk, tr blk carb, lst tan lt crm buff
f vf xln hrd blkly ang dns, tr sub chlky tr foss
frags

lst tan buff lt gry f vf xln blkly ang dns hrd, tr sub
chlky, tr foss frags, poor spils, uphole shale
cavings--

shl gry drk gry, silty gritty pyritic, bedded, blk
carb in prt, wxy grsy, gas bubs

lst buff tan crm f xln gran ang sub chlky, foss
frags, tr soft sndy gritty,

lst tan buff f vf xln gran dns tr soft, sub chlky,
foss frags, calc xln fill, much gry drk gry blk silty
gritty carb pyritic in prt

shl gry gritty silty, sst drk gry tan brn clstrs, f vf
grnd, sub ang grnd, w/srtd, fair to well cem, soft
gran mushy in prt, calc cem, sub fria, blk stain,
grsy blk SFO, tr gas bubs, nodor

shl gry green tr blue green silty gritty, sndy, calc
in prt, sst aa

chrt off wht, wht, lt gry, smokey, tr yellow tint,
shrp frsh opaq, blkly, weath sli sub trip text edge,
pp sli moldic por, fair dark stain, drk brn SFO,
gas bubs, dull UV, fair odor, lst/dolo tan crm f vf
xln dns hrd blkly, gry tan opaq shrp frsh chrtly
edge, tr weath text, dark stain, gas bubs

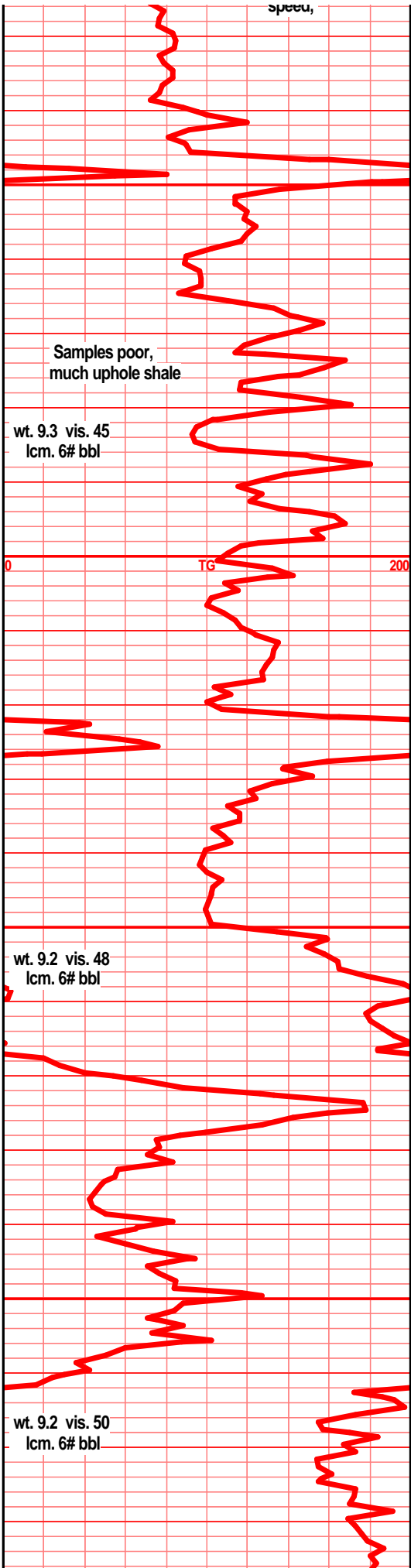
chrt lt gry smokey, tan drk tan, shrp frsh opaq
blkly, weath sli trip edge text, pp moldic por, fair
odor, dark stain, dark SFO, gas bubs,

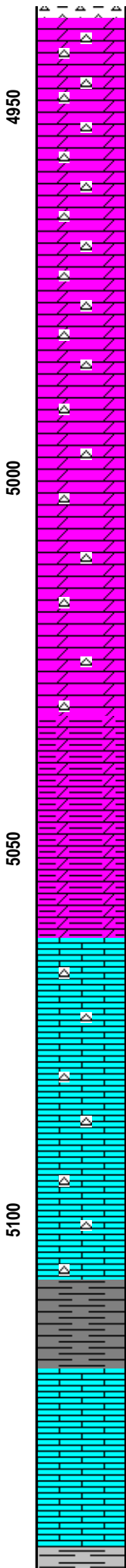
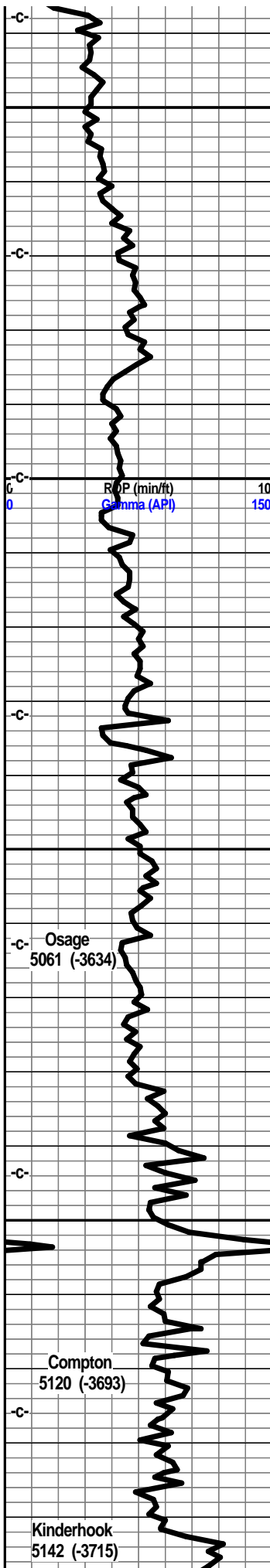
chrt crm lt gry tr smokey, gry tan drk gry brn
mott weath trip text edge, pp moldic por, tr vug
por, drk stain, drk brn blk SFO, gas bubs, fair
odor, dull UV

chrt off wth lt gry smokey, shrp frsh opaq blkly
ang pcs, chrt with weath gran trip text, pp moldic
por, tr vug/frac por, dark brn/blk stain, dark SFO,
gas bubs, tr glau,

chrt crm tan brn mott weath trip text, pp moldic
por, stain, drk SFO, odor, chrt wht tan smokey,
shrp frsh opaq blkly ang pcs, weath sli trip text
edge, pp moldic por, frac por, tr glau, dull UV, tr
lt tan crm f xln dolo fill,

chrt gry tan lt gry brn mott, weath sli trip text,
gran soft in prt, pp/moldic por, frac por, drk brn
stain, dark SFO dull UV gas bubs, sli odor, tr





glau.

dolo chrty dolo, tan lt tan gry f vf xln blk, dns hrd ang pcs, tr glau, dolo with weath gran trip text chrt tan lt gry brn pp moldic por, SFO, stain, gas bubs

dolo, chrty dolo, tan lt gry tan, f vf xln gran, silic text, tr sucr text, tr glau, with weath gran sli trip text chrt, tan brn gry brn pp moldic por, SFO, stain gas bubs sli odor

dolo, silty dolo, drk tan gry, tr med gry vf xln, silic text, gritty, gran, chrt gry smokey shrp frsh opa

dolo, silty dolo in prt, drk tan, gry med gry, silty, calc in prt, silic text in prt, gran, gritty, chrt, lt gry, smokey shrp frsh

dolo, silty calc dolo, f vf xln gran, gritty, silty, tr silic text, arg, chrt wht lt gry smokey shrp frsh

dolo, silty calc dolo, gry med gry, f vf xln, gritty gran, silic text in prt, arg, silts, chrt wht lt gry shrp frsh opa

dolo silty calc dolo, gry med gry, f vf xln, dns hrd blk, ang, tr sli silic in prt, silty, gritty, chrt wht shrp frsh opa

dolo silty shly calc dolo, f vf xln gran gritty tr silic text, blk dns hrd arg

dolo silty calc dolo, silic text, f vf xln gran dns hrd blk gritty

dolo silty calc dolostn, tr silic text, gran, gritty, arg, blk hrd dns,

dolo, silty calc dolostn, tr silic text, gran, gritty, shly, arg, blk dns hrd, tr chrt wht lt gry shrp frsh opa

dolo, silty dolostn aa, chrt wht shrp frsh opa, tr dolo/lt lt gry off wht, f micro xln dns hrd blk, chrty

lst dolo in prt, tan lt gry off wht, f vf xln dns hrd blk, tr foss frags, chrty in prt, chrt wht shrp opa

lst wht off wht f med xln blk flky tr sub chlky, foss frags, chrty in prt, chrt wht clr, semi transp, opa, shrp frsh

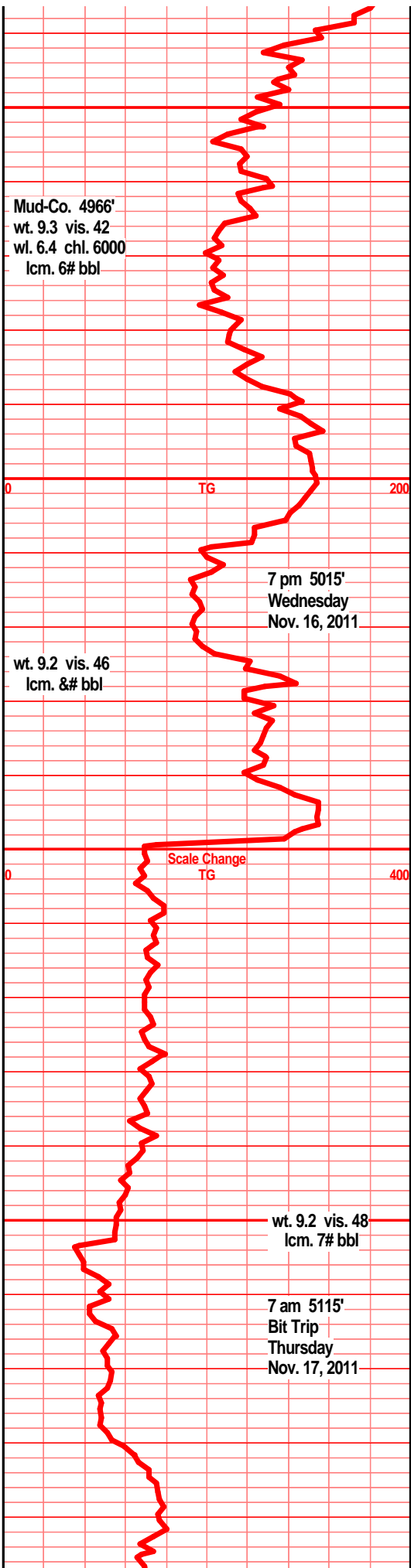
lst wth off wht f sli med xln blk ang sub chlky foss frags, tr chrty, chrt wht shrp frsh opa, transp

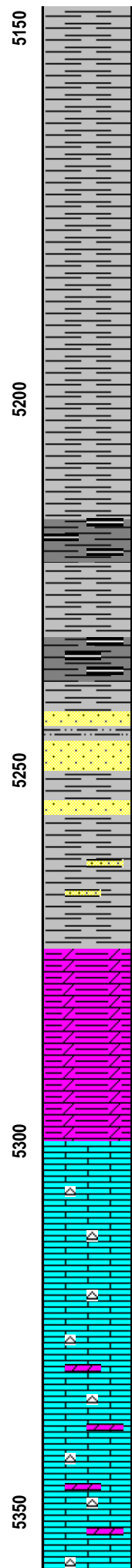
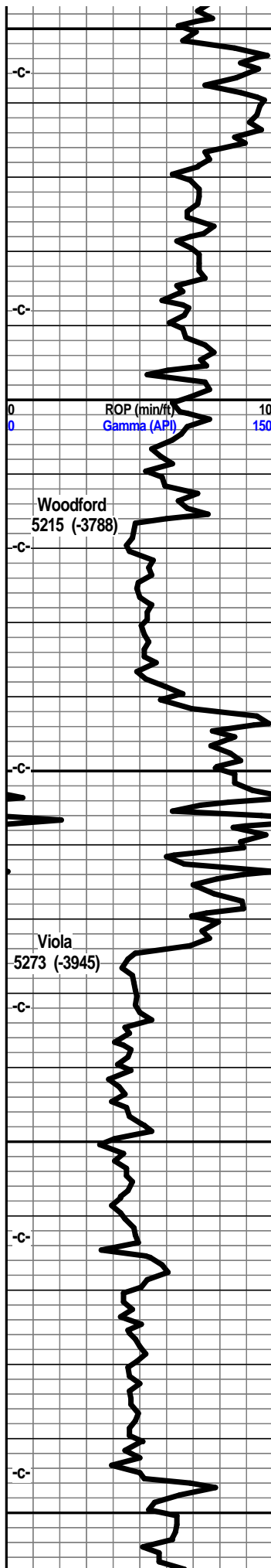
trip sample, mucho garbaje and pipe dope

shl gry blk green, brn green, silty gritty, ratty, poor spl

lst dull tan lt gry f micro xln dns hrd blk tr chrty tr foss frags, calc xln fill, chrty, chrt wht tan shrp frsh opa

lst dull tan lt gry off wht f micro xln dns hrd blk ang, chrty, tr calc xln fill, chrty, chrt wht shrp opa





shl gry med gry brn/blk, silty gritty bedded, pyritic bands

shl gry med drk gry, drk gry brn, silty gritty, pyritic bands,

shl gry drk med gry, silty gritty, pyritic,

shl gry drk med gry blk, silty, gritty, gran in prt, pyritic bands, tr soft

shl gry, med/drk gry, silty, gritty, pyritic bands, tr soft gran text

shl gry med/drk gry, blk, sub carb, wxy grsy

shl gry med/drk gry, blk, drk gry green blk, pyritic, gas bubs

shl drk gry, drk/deep brn reddish blk, dolo in prt, sub carb, pyritic, abun gas bubs

shl drk gry/blk, drk reddish brn/blk, shly dolo text in prt, gritty/gran, pyritic, blk ang wxy grsy pcs, abun gas bubs

shl gry, drk gry blk, green/brn, silty gritty, tr pyritic, tr sst, wht off wht clstrs, f grnd, sub ang grns, fair to prly srted, well cem, sub fria to tite, mstly blk ang hrd clstrs, clay clasts inclu, pyritic min fill in prt, tr dead blk gry stain, tr gas bubs, nodor

shl gry green, drk gry blk, silty gritty, snd grn inclu, tr w/snd grain inclu, drk red brn shly silty dolo, hrd blk silty dns

dolo, gry lt gry, silty gritty, gran, soft, mushy in prt, shl brn red blk, dolo text, blk ang pcs, gas bubs in prt

dolo, shly dolo, lt gry, med gry, silty, gritty gran, tr pyritic min fill, mstly soft mushy, gas bubs

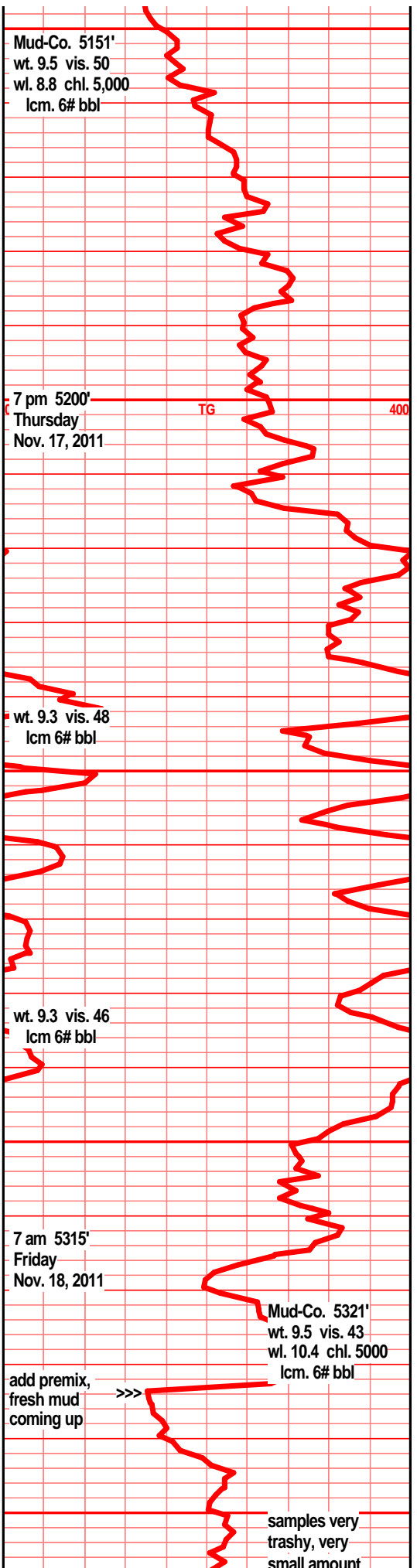
lst wht off wht lt gry in most, wht gry mott, f sli med xln, blk ang pcs, inter xln por, pyritic in prt, chrt wht shrp frsh opa

lst wht off wht, gry wht mott f med xln, blk ang pcs, inter xln por, sub chlky in prt, pyritic, chrt wht shrp frsh opa

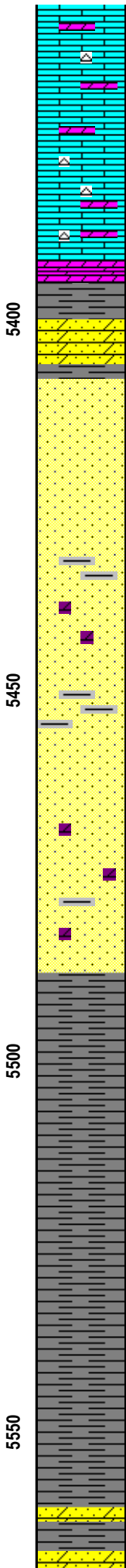
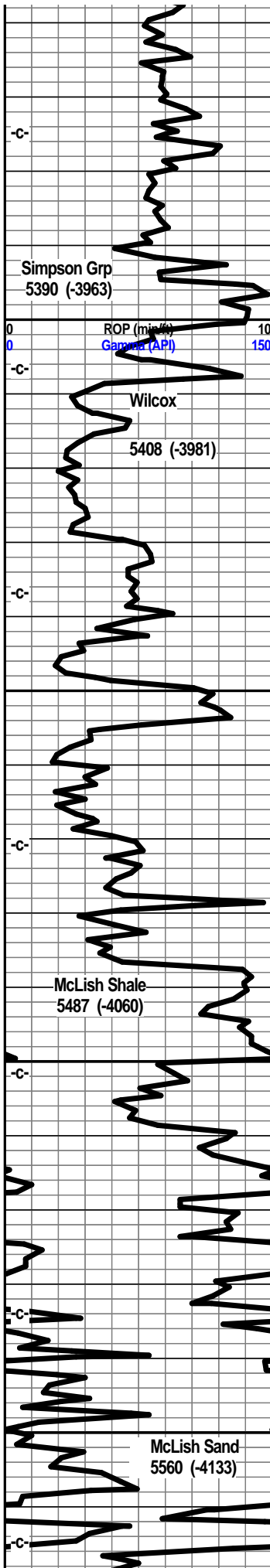
lst dolo in prt, f vf xln dns hrd blk ang, tr sub chlky tr foss frags, chrt tan foss shrp opa ang blk

lst tan off wht lt brn, dolo in prt, f vf xln dns hrd blk chrt, tr sub chlky, tr foss frags, chrt dull tan shrp frsh foss

lst dolo in prt, tan lt brn dull gry tan, f vf xln, sub chlky in prt, tr chrt, chrt tan dull gry chrt frsh



samples very trashy, very small amount



chky in prt, a chky, chrt tan dull gry shrp frsh
foss opa

lst/dolo tan brn f vf xln dns hrd blkly sli sucr text,
sub chky, chrt, chrt dull tan shrp frsh opa
foss

lst tr dolo, tan brn f vf xln gran dns hrd sub chky
tr foss frags, chrt, chrt tan dull tan gry shrp frsh
opaq foss

lst/dolo, tan/gry, tan brn f sli med xln, blkly ang,
mstly dns, tr sub chky, tr sucr text, poor
sample-shows??

shl gry gry green teal green, 1-2 clstrs sst, f grnd
sub rded grns, fair-well srted, sub fria, dolo fill,
pyritic in prt

sst 3-4 clstrs, wht clr clstrs, f grnd, sub ang/sub
rded grns, well srted, sub fria to fria, gran soft,
inter grn por, tr dolo fill, tr clay fill, min fill tr
pyritic

sst 2-3 clstrs found, wht lt gry, f grnd, sub
ang/sub rded grns, well srted, fria, soft gran, inter
grain por, tr dolo fill, tr min fill, arg in prt

sst wht clr clstrs, f grnd, sub rded, tr ang grns,
w/srted, sub fria, mstly blkly ang tite clstrs, tr
quartzitic text, min fill, tr dolo xln fill

sst clr wht clstrs, f grnd, sub rded, sub ang,
w/srted sub fria to tite blkly ang hrd clstrs, pyritic
min fill, tr quartzitic text,

sst wht clr clstrs, f grnd, sub ang, sub rded grns,
w srted, sub fria to hrd blkly dns clstrs, min fill,
tan brn dolo fill

sst wht clr off wht clstrs, f grnd, sub ang, sub
rded grns, w/srted, w/cem, silic cem, csic in prt,
sub fria, tr min fill

shl drk gry med gry green, tr silty, pyritic

shl gry drk gry green, brn blk silty gritty, snd grn
inclu

shl gry green, silty gritty

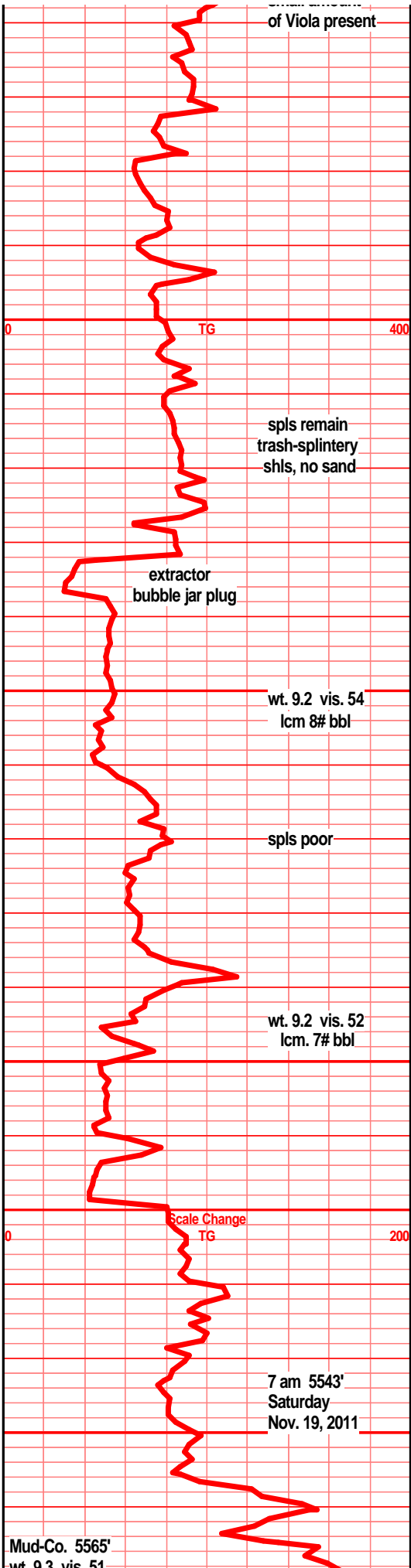
shl gry, med grey green silty grsy in prt snd grn
inclu

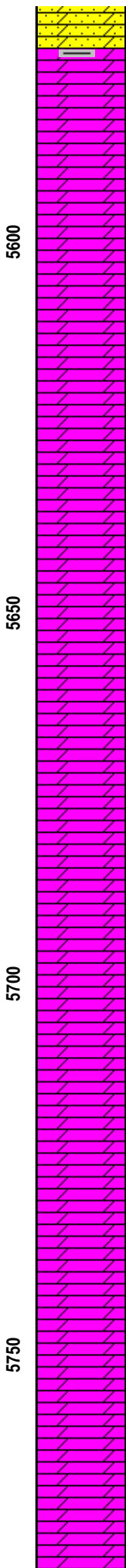
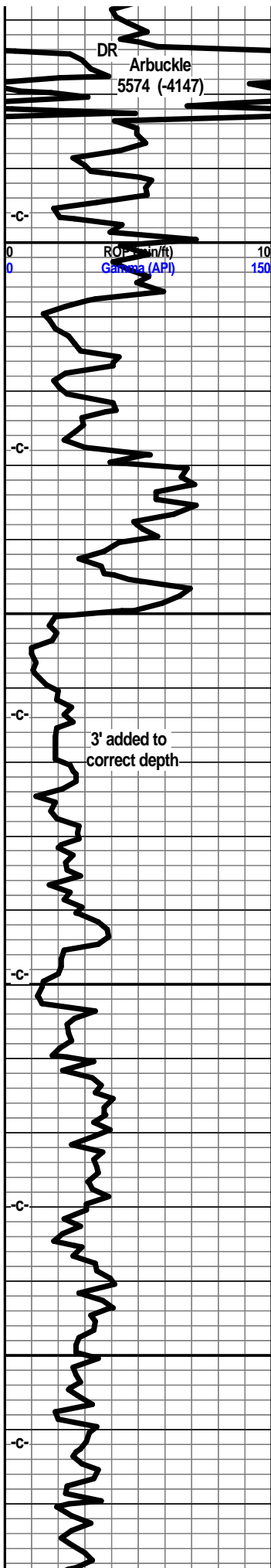
shl gry, med gry green silty wxy, snd grn inclu,

shl gry meed gry, green, teal green, slick, wxy,
grsy, pyritic, snd grn inclu

shl gry, drk gry green, drk green, tr teal green,
silty, gritty snd grn inclu

sst tan/gry gry/brn f sli med grnd, sub ang/sub





rded grns, prly sorted, sub tria, well cem, silic cem, calc in prt, min fill, clay fill arg in prt

dolo drk crm dull tan, lt gry tan, f micro xln blkly dns ang hrd pcs, tr xln fill,

dolo tan off gry, lt brn f vf xln blkly ang dns pcs, micro sucrc text in prt, tr foss frags, gran in prt, sndy in prt, snd grn inclu

dolo drk crm brn f micro xln blkly ang hrd dns, tr sndy text, tr snd grn inclu, micro sucrc text, tr foss frags tr calc xln fill

dolo lt tan, lt tan gry, tr lt brn f micro xln, blkly dns hrd, tr silic text, tr foss frags, calc dolo in prt, xln fill

dolo lt tan lt gry tan brn f vf micro xln dns hrd blkly ang, tr sndy text, snd grn inclu, tr sucrc text, tr foss frags gran

dolo tan lt gry brn f micro xln, dns hrd blkly tr silic text, tr sucrc, snd grn inclu, tr foss frags, xln fill

dolo tan lt brn f sli med xln blkly ang hrd, mstly dns, inter xln por, tr silic text, sli sndy/sucrc in prt

dolo tan lt brn f sli med xln in prt, silic sucrc text in prt, blkly ang gran pcs, sndy text in prt, tr xln fill

dolo tan lt brn brn f sli med xln gran ang blkly, sndy text, silic in prt, tr sli sucrc text, foss frag, xln fill

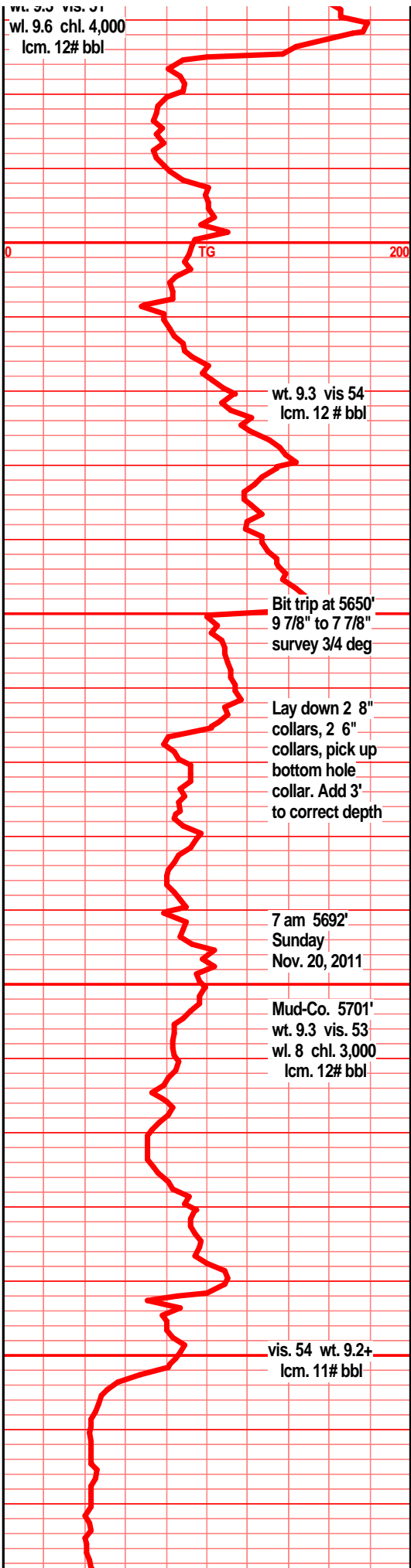
dolo tan crm, lt tan brn f sli med xln blkly ang, gran sndy text in prt, tr sucrc text, silic in prt, tr foss frags,

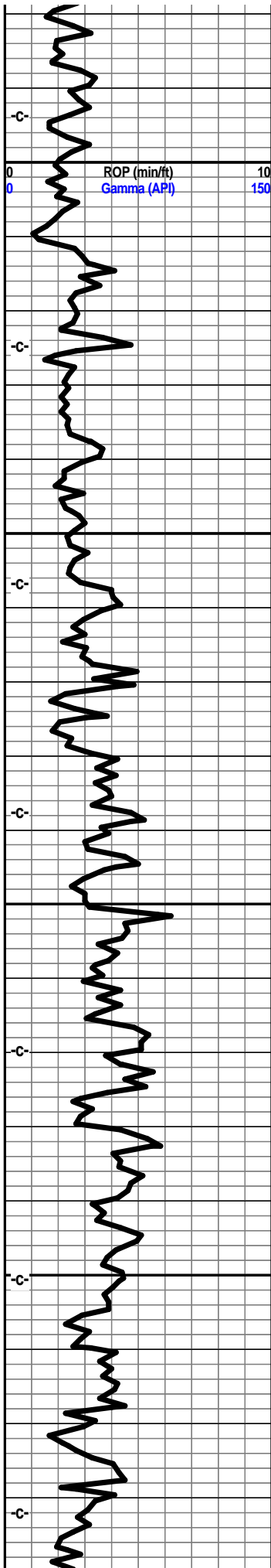
dolo tan brn f sli med xln gran blkly ang pcs, sucrc text, silic in prt, sndy in prt, tr foss frags, vis inter xln por

dolo crm tan, crm brn, f sli med xln blkly ang pcs, sndy text, sli sucrc in prt, silic text, gd inter xln por

dolo tan crm tan lt brn f sli med xln, blkly ang pcs, sucrc text, sndy text, small rhom xstls, inter xln por, tr foss frags,

dolo crm tan brn f sli med xln gran blkly ang pcs, sndy gritty text, snd grn inclu, sucrc silic text, gd vis inter xln por



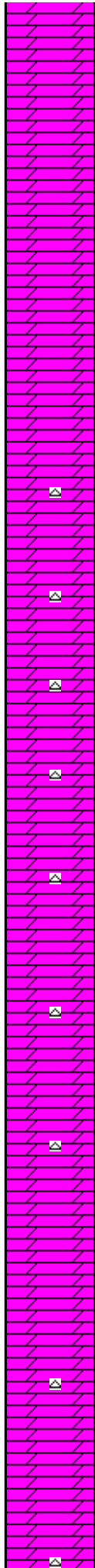


5800

5850

5900

5950



dolo tan brn lt brn in prt f med xln blkly ang gran pcs, sndy gritty text, sucrc text, silic in prt, snd grn inclu, gd vid inter xln por, tr rhom xln edge

dolo tan crm lt brn f med xln blkly ang ran pcs, sndy text, snd grn inclu, sucrc text, silic in prt, tr foss frags, rhom xln edge

dolo crm tan lt gry f sli med xln dns hrd blkly ang pcs, tr foss frags, sucrc text, silic in prt, loose rhom xstls, sndy, snd grn inclu

dolo crm tan lt gry f med xln blkly ang dns pcs, inter xln por, sucrc text, silic in prt, sndy snd grn inclu, loose rhom xstls, sst wht clr grnd, ang grns, w/srtd, dns packed, w/cem, silic cem

dolo crm tan brn f sli med xln, gran, gritty blkly ang pcs, sndy, snd grn inclu, sucrc text, silic text, rhom xln edge, chrt wht shrp frsh, gd vis inter xln por

dolo crm buff f xln blkly dns ang hrd, tr foss frags, sli sucrc text, tr sndy, tr silic text, sli inter xln por, chrt wht shrp frsh

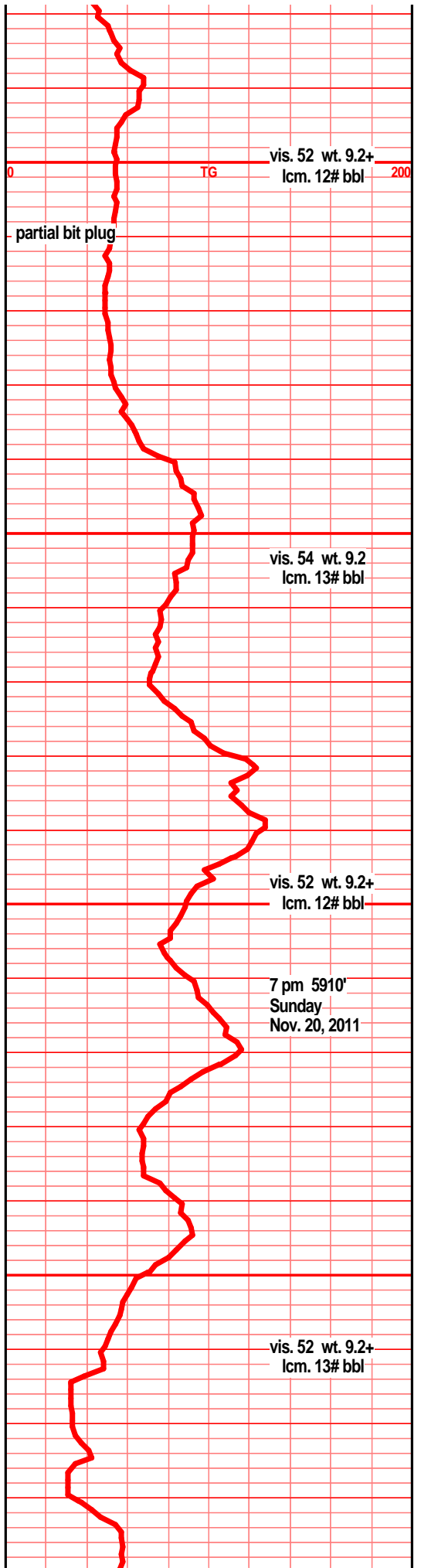
dolo crm buff lt tan f xln blkly ang hrd dns pcs, tr moldic inter xln por, tr sndy gritty text, tr sucrc text, tr silic in prt, tr foss frags, loose rhom xstls, chrt wht shrp opa

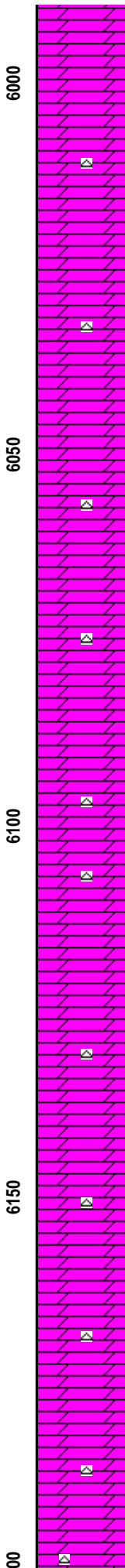
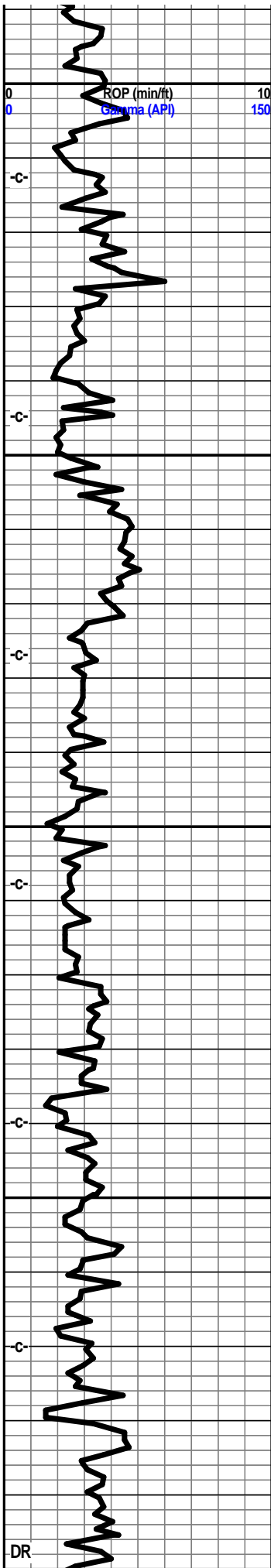
dolo crm buff lt tan tr brn f sli med xln, mstly f xln, dns hrd blkly ang pcs, tr sli sucrc text, silic in prt, loose rhom xstls, gd vis inter xln por, chrt wht gry shrp frsh

dolo buff tan, tr lt brn f sli med xln, blkly ang pcs, inter xln por, sucrc text, silic in most, foss frags, rhom xln edge, chrt wht lt gry shrp frsh opa

dolo crm tan buff f xln blkly ang gran dns pcs, sndy gritty in prt, silic text, rhom xln edge, inter xln por

dolo crm buff tan tr lt brn f sli med xln, blkly ang gran pcs, tr w/sucrc text, silic text, inter xln por, tr foss frags, tr rhom xln edge, tr chrt wht gry shrp frsh opa





dolo crm tan buff, lt brn in prt f sli med xln, blkly ang gran pcs, tr w/sucr text, sndy gritty in prt, silic text, tr foss frags, tr rhom xln edge, chrt wht gry shrp frsh opa

dolo tan buff, incr brn, f sli med xln blkly gran ang pcs, fair gd inter xln por, rhom xln text, sli sucr in prt, tr foss frags, chrt wht lt gry shrp frsh opa

dolo tan buff incr brn, f xln, med xln in prt, blkly ang pcs, fair to gd inter xln por, sucr text in prt foss frags, rhom xln edge, chrt wht gry shrp frsh opa

dolo buff tan f sli med xln, blkly ang tite hrd dns pcs, fair/gd inter xln por, sucr text, rhom xln edge, chrt wht drk gry shrp frsh opa

dolo buff tan, brn in prt, f sli med xln, mostly dns hrd blkly, inter xln por, rhom xln edge, tr sndy gritty text, sucr in prt, silic text, chrt wht, gry, shrp frsh opa

dolo tan gry f tr vf xln dns hrd blkly ang pcs, gran sli sucr text, silic text, tr small rhom xln text foss mold por, inter xln por, chrt wth, gry shrp frsh opa

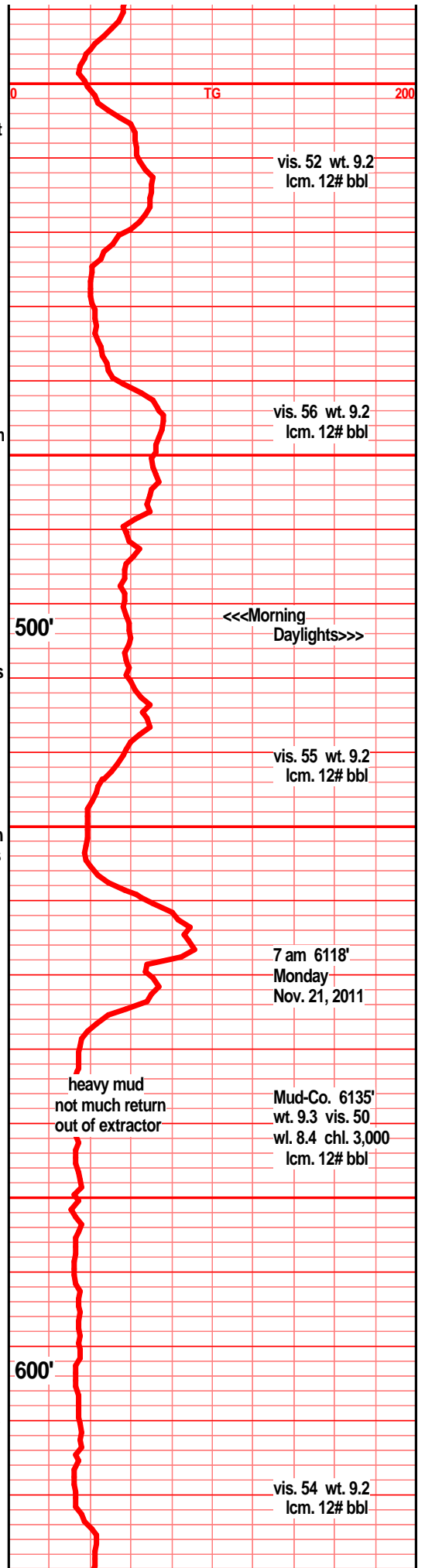
dolo buff tan, mstly gry, f xln, tr fn/micro xln, blkly ang dns hrd, sli sucr/silic text, tr inter xln por, foss frags, foss mold por, chrt lt gry white, shrp frsh opa

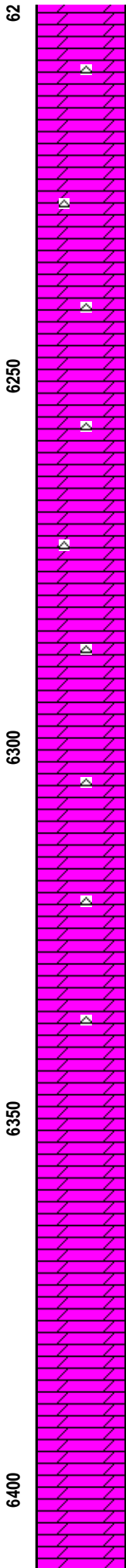
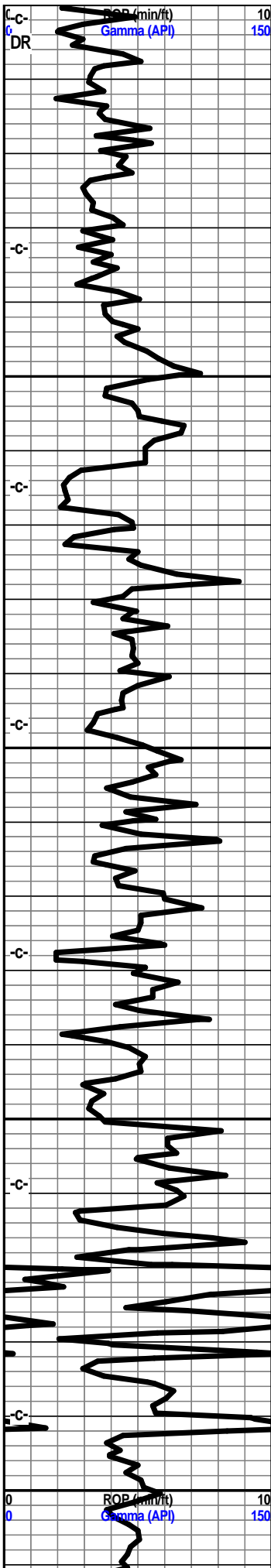
dolo tan buff lt brn f sli med xln ang gran blkly pcs, fair inter xln por, tr foss frags, tr foss mold por, sli sucr text, tr snd grn inclu, silic text, chrt wht drk gry shrp frsh opa

dolo tan buff crm, tr brn/gry, f sli med xln blkly ang gran gritty dns, sli sucr text, rhom xln text edge, inter xln por, sli sucr text, chrt wht gry shrp frsh opa, incr loose rhom xstls

dolo buff tan lt brn f med xln blkly ang gran, sucr in prt, f/med rhom xstln edge, foss, inter xln por, chrt wht gry shrp, loose small rhom xstls

dolo tan buff lt brn, brn gry tint, f med xln, blkly





ang pcs, inter xln por, rhom xln edge, chrt wht gry shrp frsh opa, silic sucr text

dolo crm buff tan, tr tan gry, f med xln blk ang, gran, gritty, sucr text, silic text, inter xln por, tr moldic por, rhom xln fill, loose rhom xstls, chrt wht drk gry shrp frsh opa

dolo tan buff, crm tan lt brn f med xln blk ang, sli sucr text, inter xln por, rhom xln fill, loose rhom xstls, chrt wht drk gry foss shrp frsh opa

dolo buff tan tr tan gry f med xln blk ang pcs, incr med-crs xln rhom text, loose rhom calc xstls, gd inter xln por, chrt wht, drk gry shrp frsh foss, ool,

dolo crm tan buff, tr tan/lt gry, f med, tr crs xln, med crs xln rhom text, loose rhom calc xstls, gd inter xln por, chrt wht, gry, drk gry shrp frsh opa

dolo buff crm tan tr lt gry tan, f med xln blk ang, med crs xln in prt, rhom text, loose rhom xstls, very chrt in prt, loose chrt, wht, drk gry shrp frsh foss opa, gd vis inter xln por

dolo buff crm tan, f sli med xln in most, tr med crs xln rhom xln text, gd inter xln por, sli surc text, silic in most, chrt, chrt wht, drk gry shrp frsh foss

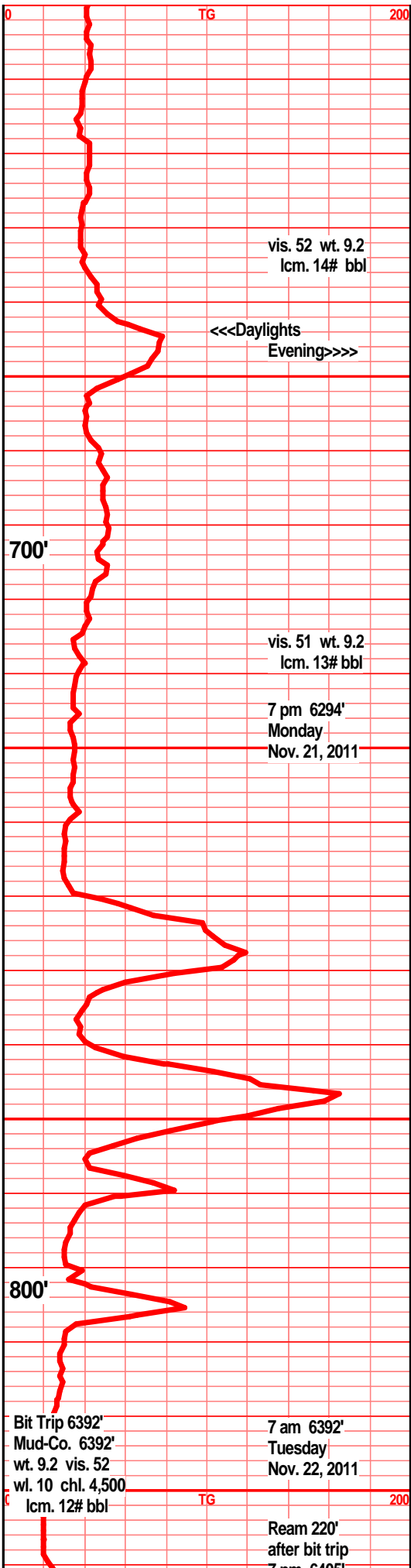
samples becoming finer with depth

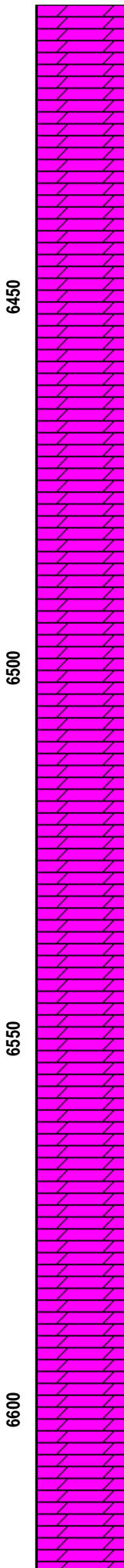
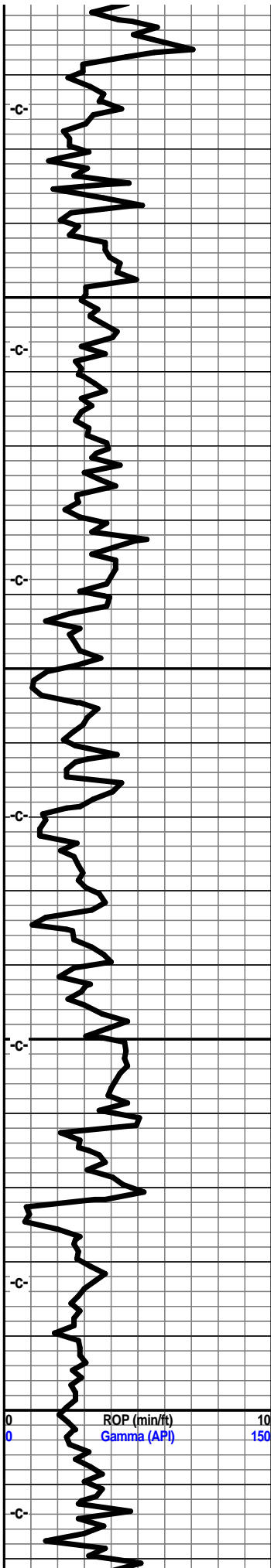
dolo crm buff tan f med xln, tr crs rhom xln text, abun loose crs rhom calc xstls, gd inter xln por, tr silic text, chrt, much loose chrt, wht drk gry foss frsh shrp opa

dolo buff tan lt gry med tr crs xln, tr crs rhom xln text, abun loose med size rhom xstls, gd inter xln por, tr soft gran, silic text, chrt, much loose wht drk gry chrt pcs, shrp frsh foss, blk ang opa

dolo crm buff tan lt gry f med xln blk ang dns hrd, tr crs rhom xln text, chrt wht shrp frsh foss opa

dolo tan buff crm, tr tan gry f sli med xln blk ang dns hrd pcs, rhombic xln text, chrt wht, off wht gry shrp frsh opa, loose crs rhom xstls





dolo off wht lt tan buff f sli med xln, blk ang gran, tr sli soft pcs, gd inter xln por, rhom xln text, loose rhom xstls, chrty, much loose chrt, wht off wht lt gry, shrp frsh foss, ool, opa q blk transl

dolo off wht, crm tan buff, f sli med xln, rhom xln text in most, gd vis inter xln por, tr soft gran, blk ang pcs, tr foss frags, chrty, chrt wht gry shrp frsh, much loose crs rhom xstls in spl tray

dolo off wht buff, lt wht/gry, f sli med xln blk ang pcs, tr soft gran, inter xln por, tr crs rhom xln text, loose rhom xstls, chrty chrt wht shrp frsh opa q

dolo off wht buff tan f med xln blk ang hrd gran dns, tr soft gran crunchy, tr med/crs rhom xln text, gd inter xln por, chrty, chrt wht shrp frsh opa q

dolo crm tan buff f sli med xln gran blk ang, soft gran in prt, tr med/crs rhom xln text, gd inter xln por, abun loose rhom xstls, chrty, chrt wht lt gry shrp frsh opa q

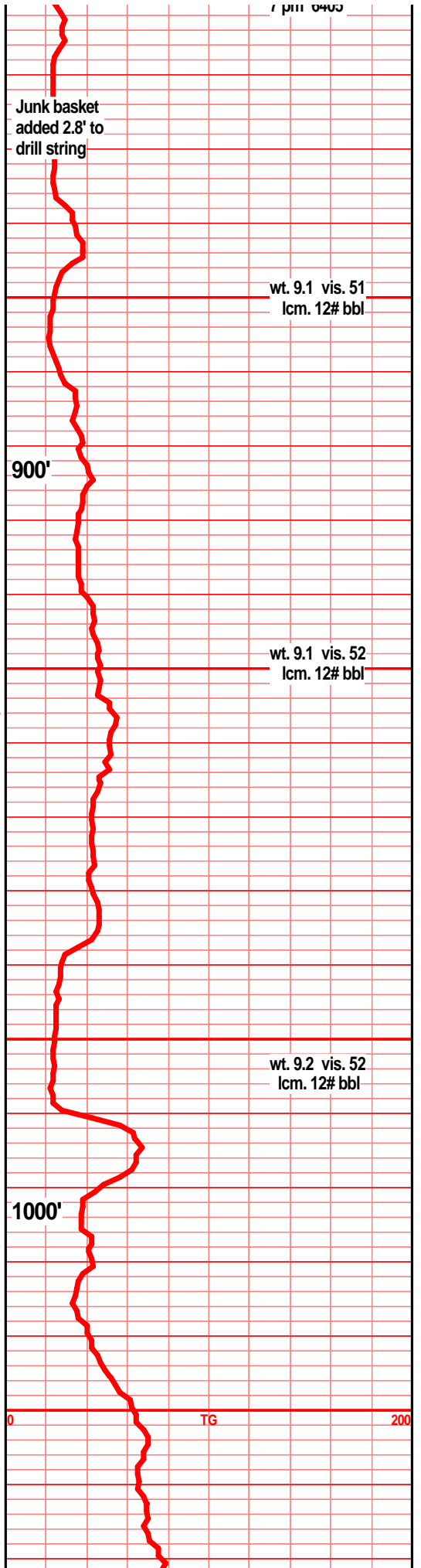
dolo crm tan buff aa, incr tan brn f sli med xln gran blk ang, sucr, fnly sucr, gd inter xln por, chrty, chrt wht lt gry shrp frsh opa q

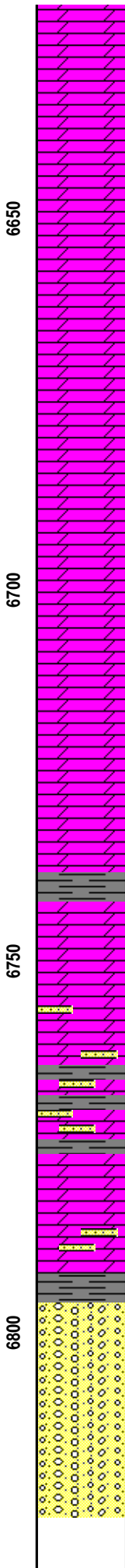
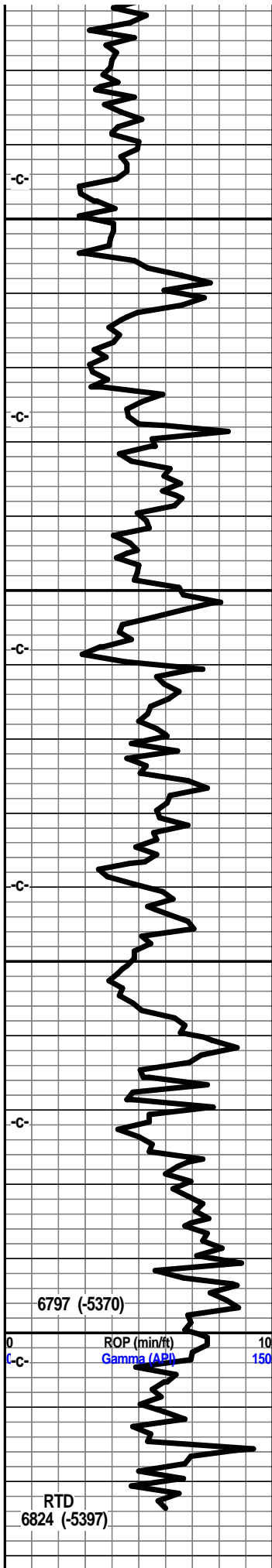
dolo crm buff tan, tr gry lt green f xln blk ang dns hrd, rhom xln text, loose rhom xstls, chrty wht shrp frsh opa q, tr gry/green shl

dolo tan lt gry buff f sli med xln gran bkly dns, tr med/crss rhom text, chrty, chrt wht lt gry shrp frsh opa q, tr gry lt green shls, silty, silic

dolo crm off wht buff, f med xln, blk ang pcs, tr med/crs rhom sln text, gd inter xln por, loose rhom xstls in spl tray, chrty, chrt wht, off wht, lt gry shrp frsh opa q

dolo aa, dolo buff gry, f xln blk ang hrd, fnly rhom xln text, silic text, tr chrt off wht lt gry shrp frsh, loose rhom xstls, shl gry green silic





dolo tan buff, lt gry, gry, f tr vf xln blkly dna ang hrd, tr rhom xln text, chrt wht gry shrp frsh, shl gry green gritty silic

dolo lt gry tr drkr, f vf lxn blkly ang dns hrd, tr rhom xln text, tr inter xln por, mstly tite dns hrd, tr with green clay fill, chrt wht gry shrp frsh, tr shl gry green silic

dolo off wht, mstly gry lite and med gry, f vf xln dn shrd blkly ang tr rhom text, tr pyritic ppt, chrt, chrt wht gry shrp frsh, tr sst med gry f grnd sub ang grns, silic cem, non-fria, blkly tite hrd clstrs, tr shl gry green silic silty

dolo tan off wht gry lt tr med gry f vf xln, tr small rhom xln text, tr sndy gritty, chrt, chrt wht tan off wht shrp frsh opa, sst clr clstrs, vf grnd sub ang/ang grns, w/srtd, quartzitic, min fill, pyritic

dolo tan gry lt gry f vf xln dns hrd blkly, micro xln in prt, rhom xln text, tr sndy gritty, tr chrt wth lt gry shrp frsh, tr sst aa.

dolo tan gry med gry f vf xln dns hrd blkly, tr gry brn f vf xln blkly ang dns hrd, loose rhom xstls, tr sst clr clstrs, f grnd, prly srtd, sub ang, ang grns, quartzitic text, hrd blkly

dolo tan gry tan f vf xln, dns, hrd, blkly, micro xln in prt, tr micro rhom text, sndy, gritty, suc in prt, sst drk grn brn clstrs, f grnd, sub ang, ang grns, vw/cem, silic cem, arg, clay fill min fill, pyritic

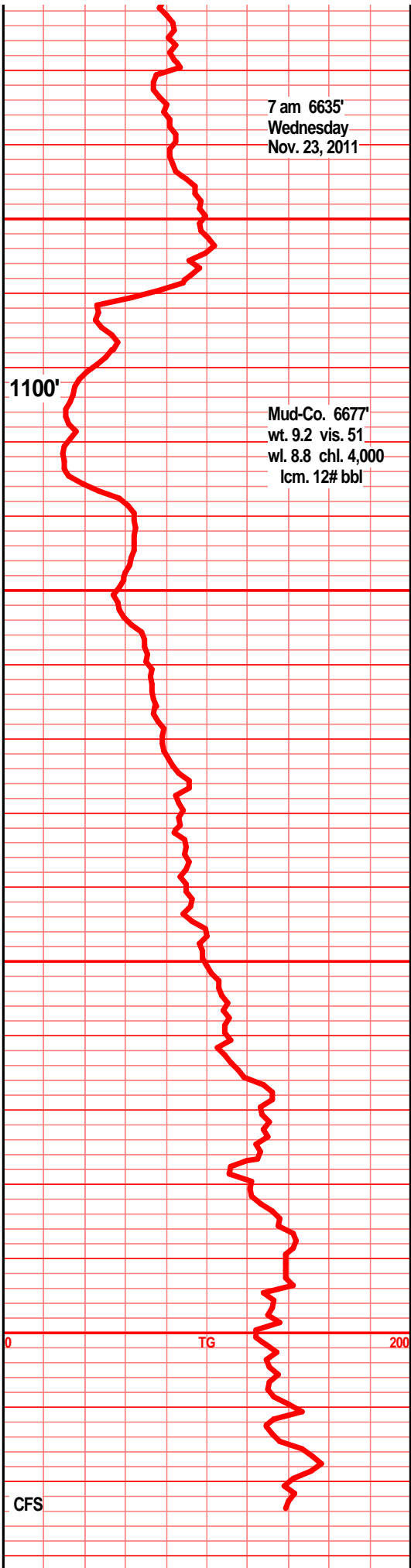
dolo lt tan, gry, gry brn f mic xln dns hrd blkly ang gran, gritty, tr sndy, tr suc text micro rhom text, loose rhom xstls, sst drk gry brn vf grnd ang grns, w/srtd, quartzitic text, clay min fill

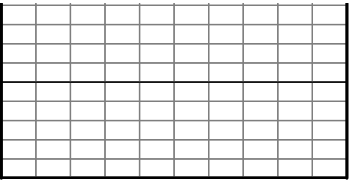
90' dolo aa, sst clr lt gry clstrs, f xli med grnd, sub ang, ang grns, prly srtd, non fria, silic cem, w/cem, min fill tr clay fill arg

crm buff dolo aa?? clr semi frosted w/rded med grnd snd grns loose in tray

clr, lt gry, drk pink qrtz, feld, mica inclu, oliv, cem sd grns, aa, loose clr frosted w/rded prly srtd snd grns

clr, lt gry, drk pink, lt orange qrtz, feld, oliv, mica, pyrite inclu,





50

