



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
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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: \_\_\_\_\_



1078585

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
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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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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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: _____ _____
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Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	PLATT GU 5
Doc ID	1078585

Tops

Name	Top	Datum
CHASE	1952	-534
WABAUNSEE	2874	-1456
LECOMPTON	3639	-2221
HEEBNER	3865	-2447
DOUGLAS	3905	-2487
SWOPE LS	4583	-3188
PAWNEE	4753	-3335
MISSISSIPPIAN	4849	-3431
VIOLA	5269	-3851
SIMPSON	5381	-3963

Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	PLATT GU 5
Doc ID	1078585

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
SURFACE	14.75	10.75	32.75	216	CLASS A	240	2% GEL, 3% CC
INTERME DIATE	9.875	8.375	23	896	CLASS A	100	2% GEL, 3% CC
PRODUC TION	7.875	5.5	15.5	5533	60/40 POZMIX	50	4% gel, 1/4# Celoflake
PRODUC TION	7.875	5.5	15.5	5533	CLASS H	125	10% salt, 10% Gypseal, 6# Kolseal, 1/4# Celoflake, .8% fluid loss

# ALLIED CEMENTING CO., LLC. 037983

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*McLester*

DATE <i>12-11-11</i>	SEC. <i>10</i>	TWP. <i>35S</i>	RANGE <i>12W</i>	CALLED OUT	ON LOCATION	JOB START <i>10:30 pm</i>	JOB FINISH <i>11:00 pm</i>
LEASE <i>Platt 6U</i>		WELL # <i>5</i>		LOCATION <i>Hardner 1/4 E, S into</i>		COUNTY <i>Barber</i>	STATE <i>KS</i>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR *Duke Ritz #7*

TYPE OF JOB *Surface*

HOLE SIZE *14 3/4* T.D. *220'*

CASING SIZE *10 7/8* DEPTH *216'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *400 psi* MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *19 bbls H<sub>2</sub>O*

OWNER *Woolsey operating*

CEMENT

AMOUNT ORDERED *240 sacks A + 3 1/2 cu ft + 2 1/2 cu ft*

**EQUIPMENT**

PUMP TRUCK CEMENTER *not in reach*

# *358265* HELPER *Jason Thraesch*

BULK TRUCK

# *364* DRIVER *Adam Miller*

BULK TRUCK

# DRIVER

COMMON	<i>240 sacks "A"</i>	@	<i>16.25</i>	<i>3900.00</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		@		

WELL FILE

Regulatory Correspondence  
Drill Comp Workers  
Tests / Meters Operations

HANDLING	<i>254</i>	@	<i>2.25</i>	<i>571.50</i>
MILEAGE	<i>254 x .11 x 20</i>			<i>558.80</i>
TOTAL				<i>\$5140.35</i>

**REMARKS:**

*Bulk cement pump 3 bbls H<sub>2</sub>O ahead*

*mix 240 sacks cement*

*dispo 19 bbls H<sub>2</sub>O shut in*

*cement did circulate*

**SERVICE**

DEPTH OF JOB	<i>216'</i>			
PUMP TRUCK CHARGE				<i>1125-</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>40</i>	@	<i>7.00</i>	<i>280-</i>
MANIFOLD		@		
LV	<i>40</i>	@	<i>4.00</i>	<i>160-</i>
TOTAL				<i>\$1565-</i>

CHARGE TO: *Woolsey operating*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

	@			
	@			
	@			
	@			
	@			
TOTAL				

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cements 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)		<i>\$7225.35</i>
TOTAL CHARGES		<i>\$7225.35</i>
DISCOUNT	<i>200</i>	
IF PAID IN 30 DAYS		

PRINTED NAME *Donald Boyd*

SIGNATURE *Donald Boyd*

Net \$5780.28

# ALLIED CEMENTING CO., LLC. 037908

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Medicine Lodge, Ks

DATE <u>12-15-2011</u>	SEC. <u>10</u>	TWP. <u>36S</u>	RANGE <u>12W</u>	CALLED OUT <u>4:30 AM</u>	ON LOCATION <u>7:00 AM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:45 PM</u>
LEASE <u>P194+6U</u>	WELL# <u>5</u>	LOCATION <u>Herron Ks 1/4 sec 2</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			South into				

CONTRACTOR Duke #7

TYPE OF JOB Intermediate Surface

HOLE SIZE 8 3/4" T.D. 900'

CASING SIZE 8 5/8" DEPTH 899'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 32'

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 56 bbls of Fresh water

OWNER Woolsey Operating

CEMENT AMOUNT ORDERED 100s of Class 17 + 30 sec 2% Gel

COMMON 100 sacks "A" @	16.25	1625.00
POZMIX @		
GEL 2 sacks @	21.25	42.50
CHLORIDE 4 sacks @	58.20	232.80
ASC @		

## WELL FILE

Regulatory Correspondence  
 (Drig) @ Comp Workovers  
 Tests @ Meters Operations

EQUIPMENT

PUMP TRUCK CEMENTER Darin F.

# 471-302 HELPER Cari B.

BULK TRUCK

# 421-252 DRIVER Adm m.

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING 106x225 @ (min)	344.00
MILEAGE 20 x 106x.11	233.20
TOTAL \$2477.50	

**REMARKS:**

Pipe on bottom & break circulation pump 3 bbls water show mix loss of cement, shut down, Release plug. Soga displacement, Pump due to 56 bbls 500 psi, shut in

**SERVICE**

DEPTH OF JOB <u>899'</u>	
PUMP TRUCK CHARGE	1125-
EXTRA FOOTAGE <u>599'</u> @ .95	569.05
MILEAGE <u>40</u> @ 7.00	280-
MANIFOLD <u>Asd ready</u> @	
light vehicle <u>40</u> @ 4.00	160.00

TOTAL \$2134.05

CHARGE TO: Woolsey Operating

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

<u>8 5/8</u>	
1- Rubber Plug @	112.00
1- Baffle Pipe @	112.00
_____ @	
_____ @	
_____ @	
TOTAL \$224.00	

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 \$4835.55

DISCOUNT 20% IF PAID IN 30 DAYS

PRINTED NAME x Donald Boyd

SIGNATURE x Donald Boyd

Net \$3868.44

Thank you!!!

# ALLIED CEMENTING CO., LLC. 037912

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Medicine Lodge Jcs*  
12-21 12-21

DATE <i>12-20-11</i>	SEC. <i>10</i>	TWP. <i>36S</i>	RANGE <i>12W</i>	CALLED OUT <i>3:00 pm</i>	ON LOCATION <i>9:00 pm</i>	JOB START <i>2:30 pm</i>	JOB FINISH <i>3:30 am</i>
LEASE <i>P1st + GV</i>		WELL # <i>5</i>		LOCATION <i>H Grodner R 1/4 east</i>		COUNTY <i>Berber</i>	STATE <i>Ks</i>
OLD OR <u>NEW</u> (Circle one)				<i>South into</i>			

CONTRACTOR *Duke #7*  
 TYPE OF JOB *Production*  
 HOLE SIZE *7 7/8* T.D. *5610'*  
 CASING SIZE *5 1/2 15.5#* DEPTH *5521'*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT *42'*  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT *132 bbls of 2% KCL water*

OWNER *Woolsey Operating*

CEMENT  
 AMOUNT ORDERED *90 sk 60.140.140.601*  
*125 sk Class H + 10% O.G. + 10% O.S.I.*  
*6 # Kalsec 1 + 8% FL 16 + 1/2 # P/uses 1*  
*14591s, C19 pro*

COMMON	<i>54 sacks "A"</i>	@ <i>16.25</i>	<i>877.50</i>
POZMIX	<i>36 sacks</i>	@ <i>8.50</i>	<i>306.00</i>
GEL	<i>3 sacks</i>	@ <i>21.25</i>	<i>63.75</i>
CHLORIDE		@	
ASC		@	
Class H	<i>125 sacks</i>	@ <i>19.25</i>	<i>2406.25</i>
Cypsel	<i>12 sacks</i>	@ <i>34.20</i>	<i>410.40</i>
Salt	<i>13 sacks</i>	@ <i>12.00</i>	<i>156.00</i>
Kalsec	<i>750 #</i>	@ <i>.89</i>	<i>667.50</i>
Fl-160	<i>94 #</i>	@ <i>17.20</i>	<i>1616.80</i>
Floset	<i>25 #</i>	@ <i>2.70</i>	<i>67.50</i>
Clapro	<i>14 gals</i>	@ <i>31.25</i>	<i>437.50</i>
		@	
HANDLING	<i>211</i>	@ <i>2.25</i>	<i>587.25</i>
MILEAGE	<i>20 x .11 x 2161</i>		<i>574.20</i>

TOTAL *\$8170.65*

**EQUIPMENT**

PUMP TRUCK CEMENTER *Darin F.*  
 # *360-265* HELPER *Jason T.*  
 BULK TRUCK  
 # *363-290* DRIVER *Adam M.*  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

*Pipe on bottom & break circulation  
 mix 40% of cement for 1st & mouse holes  
 mix 50 sk of scavenger cement, mix  
 125 sk of 19.1 cement, shut down, wash  
 pump & lines, Release plug, Start displacement  
 1 ft pressure @ 90 bbls, slow rate to  
 3 bpm @ 120 bbls, bump plug @ 132 bbls  
 1000-1700 psi, float dia held*

**SERVICE**

DEPTH OF JOB	<i>5521'</i>		
PUMP TRUCK CHARGE			<i>2695-</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>40</i>	@ <i>7.00</i>	<i>280-</i>
MANIFOLD	<i>Hes &amp; rent 91</i>	@	<i>200-</i>
	<i>40</i>	@ <i>4.00</i>	<i>160-</i>
		@	

TOTAL *\$3,335-*

CHARGE TO: *Woolsey Operating*

STREET  
 CITY **WELL FILE** STATE ZIP

Regulatory Correspondence  
 Drig / Comp Workovers  
 Tests / Meters Operations

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.

**5 1/2 PLUG & FLOAT EQUIPMENT**

1-AEV Float shoe	@	<i>349.00</i>
1-Latch Down Plug	@	<i>277.00</i>
12-Turbolizers	@ <i>80</i>	<i>960-</i>
28-Scratchers	@ <i>76</i>	<i>2128-</i>
	@	

TOTAL *\$3714.00*

SALES TAX (If Any)

TOTAL CHARGES *\$15,219.65*

DISCOUNT *200* IF PAID IN 30 DAYS

*Net \$12,175.72*

PRINTED NAME *x Donald Boyd*

SIGNATURE *x Donald Boyd*

*Thank you!!!*

# ALLIED CEMENTING CO., LLC. 037865

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*Medicine Lodge*

DATE <i>12-29-11</i>	SEC. <i>10</i>	TWP. <i>35s</i>	RANGE <i>12w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>2:30pm</i>
LEASE <i>Platt GU</i>		WELL # <i>5</i>		LOCATION <i>Hardyview KS, 1 1/4 e, s/into</i>		COUNTY <i>Barber</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)							

CONTRACTOR \_\_\_\_\_ OWNER *Woolsey*

TYPE OF JOB *Top off*

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE *10 3/4* DEPTH \_\_\_\_\_

TUBING SIZE *8 5/8* DEPTH \_\_\_\_\_

DRILL PIPE DEPTH \_\_\_\_\_

TOOL DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT *N/A*

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

CEMENT AMOUNT ORDERED *5x class A + 3% ccct*

*2 1/2 bagel*

COMMON @ \_\_\_\_\_

POZMIX @ \_\_\_\_\_

GEL @ \_\_\_\_\_

CHLORIDE @ \_\_\_\_\_

ASC @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER *D. Fedie*

# *360-265* HELPER *C. Balding*

BULK TRUCK

# *364* DRIVER *Jimmy (GB)*

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING *100 sacks* @ *2.85* *285<sup>00</sup>*

MILEAGE \_\_\_\_\_ *344<sup>-</sup>*

TOTAL *519<sup>-</sup>*

**REMARKS:**

*Attempt to Pump into 10 3/4 casing, Pressure up, Held 400# PST.*

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE *1050<sup>00</sup>*

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE *40* @ *7.00* *280<sup>-</sup>*

MANIFOLD *N/A* @ \_\_\_\_\_

*40* @ *4.00* *160<sup>-</sup>*

TOTAL *1490*

CHARGE TO: *Woolsey Oper.*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

*NONE* @ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

JAN 16 2012

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.

PRINTED NAME *Donald Boyd*

SIGNATURE *Donald Boyd*

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES *\$ 2059<sup>-</sup>*

DISCOUNT *200* IF PAID IN 30 DAYS

*net. 1647.20*





**Woolsey Operating Company, LLC**  
Scale 1:240 (5"=100') Imperial  
Measured Depth Log

**Well Name:** Platt GU #5  
**Location:** Section 10 - Township 35 South - Range 12 West  
**License Number:** 15-007-23812-00-00 **Region:** Barber County KS  
**Spud Date:** December 13, 2011 **Drilling Completed:**  
**Surface Coordinates:** 990' FSL, 660' FWL or N 1/2 SW SW  
Hardtner Field  
**Bottom Hole Coordinates:** Verticle Hole

**Ground Elevation (ft):** 1405' **K.B. Elevation (ft):** 1418'  
**Logged Interval (ft):** 4000' **To:** **Total Depth (ft):**  
**Formation:** Kansas City ----> Simpson Group  
**Type of Drilling Fluid:** Chemical Mud

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://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: Set 5 joints of 10 3/4' X 32.75#/ft new casing to 216' KB (tally 200') with 240 sx Class A, 2% gel, 3% cc. Cement did circulate. Lost returns, ran 20 joints of 8 7/8" X 23#/ft new casing to 896' KB, (tally 882') with 100 sx Class A, 2% gel, 3% cc. Cement did not circulate.

Production Casing: 5 1/2" X 16.5#/ft

Deviation Surveys: 1/2 at 220', 1/2 at 522', 1/2 at 900', 1/2 at 1523', 1/2 at 2022', 1/2 at 2526', 1/2 at 3060', 3/4 at 3625', 1 at 4126', 2 at 4598'. Additional surveys see detail.

Pipe Strap @

Duke Drilling Rig 7 Bit Record:

#1 14 3/4" HTC CT-C1 in at 0' out at 217', 217' in 3.25 hours.

#2 7 7/8" HTC DP506F in at 217', out at

Gas Detector: Woolsey Operating Co. Gas Trailer #2

Mud System: Mud-Co. Brad Bortz, Engineer

Open Hole Tests:

OH Logs: Superior Well Service: Dual Induction Laterolog w/SP, CNL-FDC w/PE, Gamma Ray and Caliper.

In House Geologist: Dean Pattisson

Draw Works: National 370

Mud Pump: National K-500 6"X15"

## DSTs

## CREWS

Gaylen Roach, Tool Pusher

Craig Mertens, Morning

Shane Meitler, Days

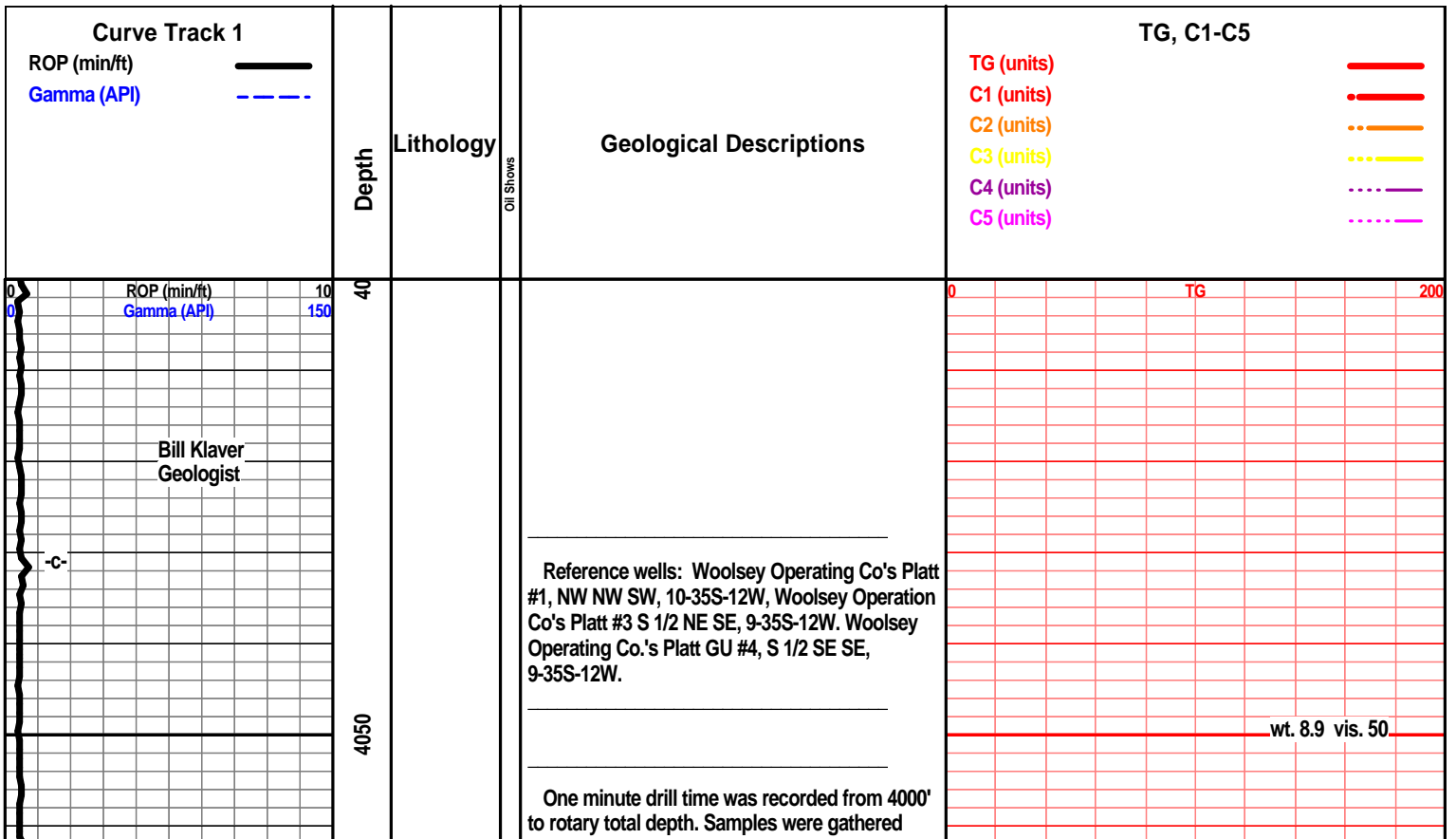
Steven "Skippy" Green, Evening

**ROCK TYPES**

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

**ACCESSORIES**

<b>MINERAL</b>		Chlorite		Pelec		Grysh	
	Anhy		Dol		Pellet	Gryslt	
	Arg		Sand		Pisolite	Lms	
	Bent		Slty		Plant	Sandylms	
	Bit	<b>FOSSIL</b>			Strom	Sh	
	Brecfrag		Algae		Fuss	Sltstn	
	Calc		Amph		Oomoldic		
	Carb		Belm	<b>STRINGER</b>			
	Chtdk		Bioclst		Anhy		
	Chtlt		Brach		Arg		
	Dol		Bryozoa		Bent		
	Ferrpel		Cephal		Coal		
	Ferr		Coral		Dol		
	Glau		Crin		Gyp		
	Gyp		Echin		Ls		
	Marl		Fish		Mrst		
	Nodule		Foram		Sltstgr		
	Phos		Fossil		Ssstrg		
	Pyr		Gastro		Carbsh		
	Salt		Oolite		Clystn		
	Sandy		Ostra		Dol		
	Silt					<b>TEXTURE</b>	
							Boundst
							Chalky
							Cryxln
							Earthy
							Finexln
							Grainst
							Lithogr
							Microxln
							Mudst
							Packst
							Wackst



from 4600' to rotary total depth and delivered to the Survey at the completion of the test.

7 am Daily Progress:

December 13, 2011 MIRT/SPUD  
 December 14, 2011 WOC, drill plug 8 am  
 December 15, 2011 Running 8 5/8"  
 December 16, 2011 Drilling at 1485'  
 December 17, 2011 Drilling at 2985'  
 December 18, 2011 Drilling at 4570'  
 December 19, 2011  
 December 20, 2011

wt. 8.9 vis. 50

Deviation/4126'  
 1 degree

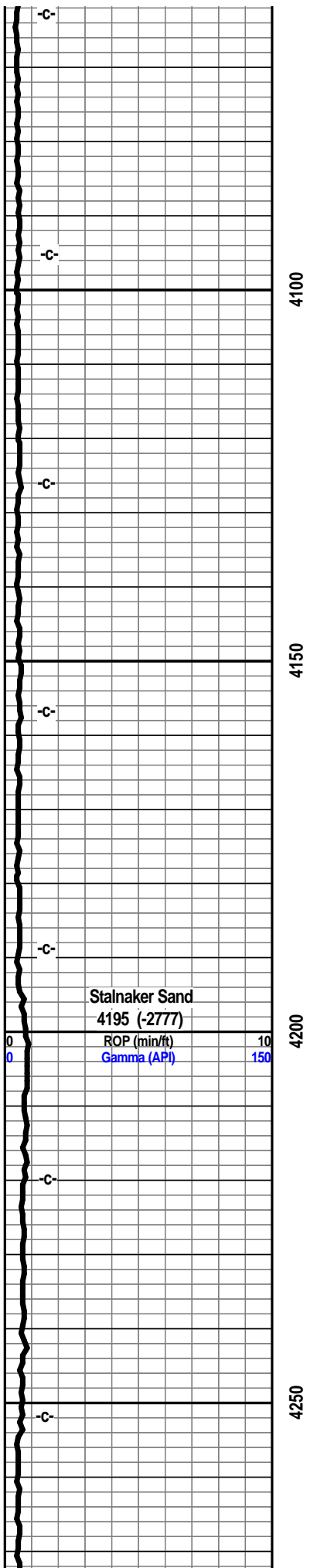
E-Log Tops:

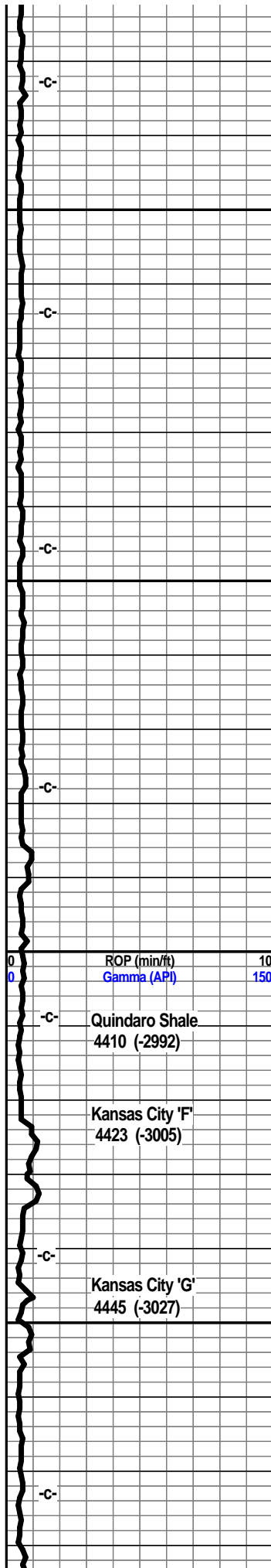
Herington  
 Onaga  
 Wabaunsee  
 Topeka  
 Lecompton  
 Kanwaka  
 Elgin Sand  
 Heebner  
 Toronto  
 Douglas Grp  
 Douglas Shale  
 Haskell  
 Stalnaker  
 Quindaro Shale  
 Kansas City 'F'  
 Kansas City 'G'  
 Kansas City 'I'  
 Stark  
 Swope  
 Hushpuckney  
 Hertha  
 B/Kansas City  
 Altamont

TG

wt. 8.9 vis. 52

Add Extractor





4300

4350

4400

4450

- Pawnee
- Cherokee Grp
- Cherokee Sand
- Mississippi
- C3
- C2A
- C2
- C1
- Osage
- Northview Shale
- Compton
- Kinderhook
- Woodford
- Misener
- Viola
- Simpson Group
- Simpson 'D' Sand
- Wilcox Sand
- McLish Sand
- RTD

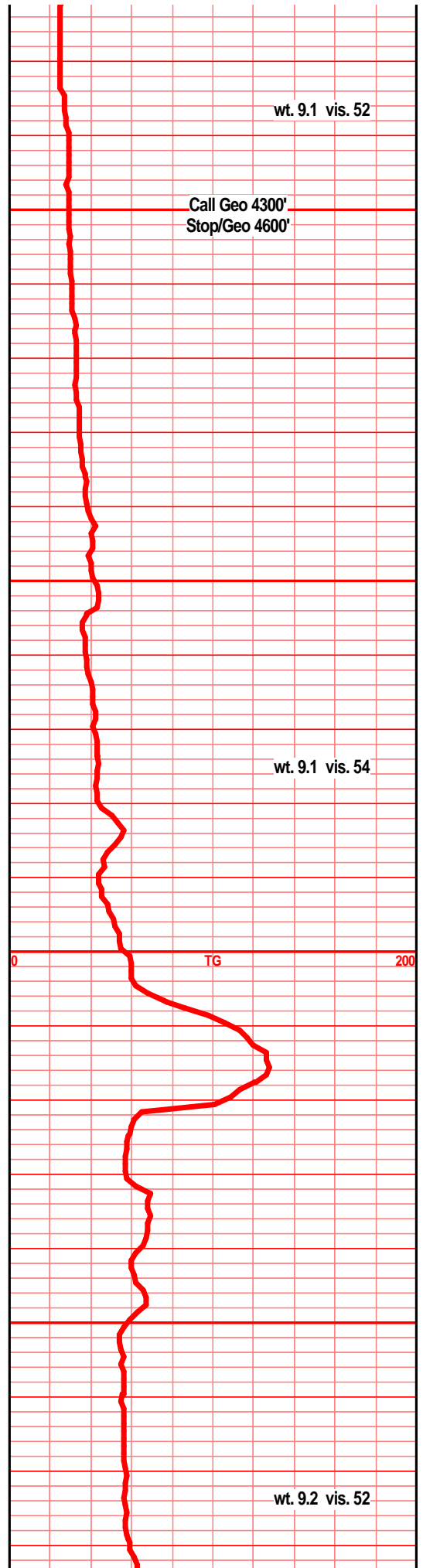
- Oil/Gas Show Legend
- Gas
  - Even Stain/Saturation
  - Spotted Stain/Saturation
  - Questionable
  - Dead/Gilsonitic

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

Quindaro Shale  
4410 (-2992)

Kansas City 'F'  
4423 (-3005)

Kansas City 'G'  
4445 (-3027)



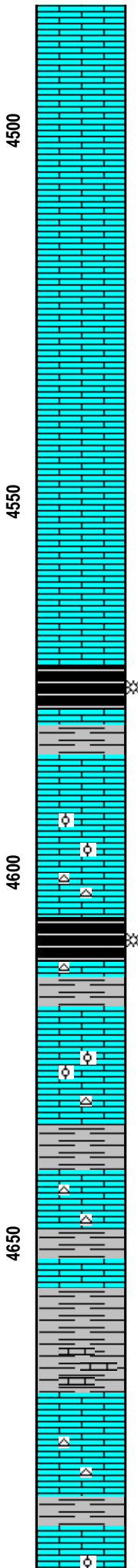
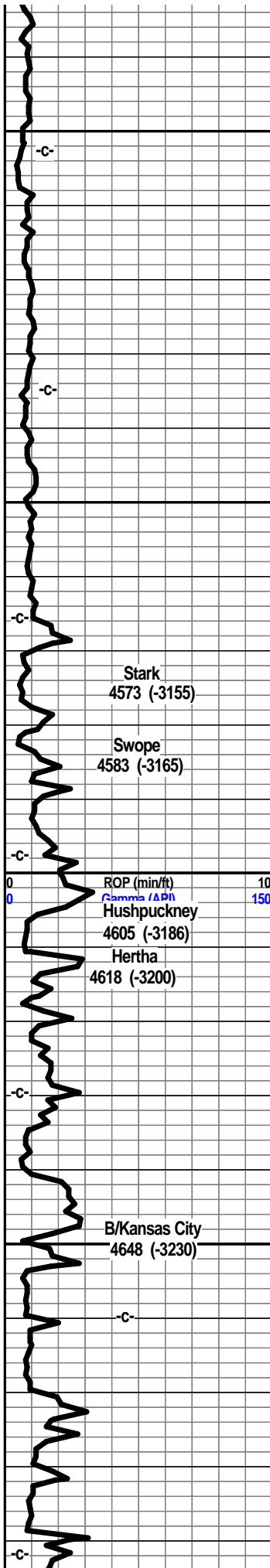
wt. 9.1 vis. 52

Call Geo 4300'  
Stop/Geo 4600'

wt. 9.1 vis. 54

TG

wt. 9.2 vis. 52

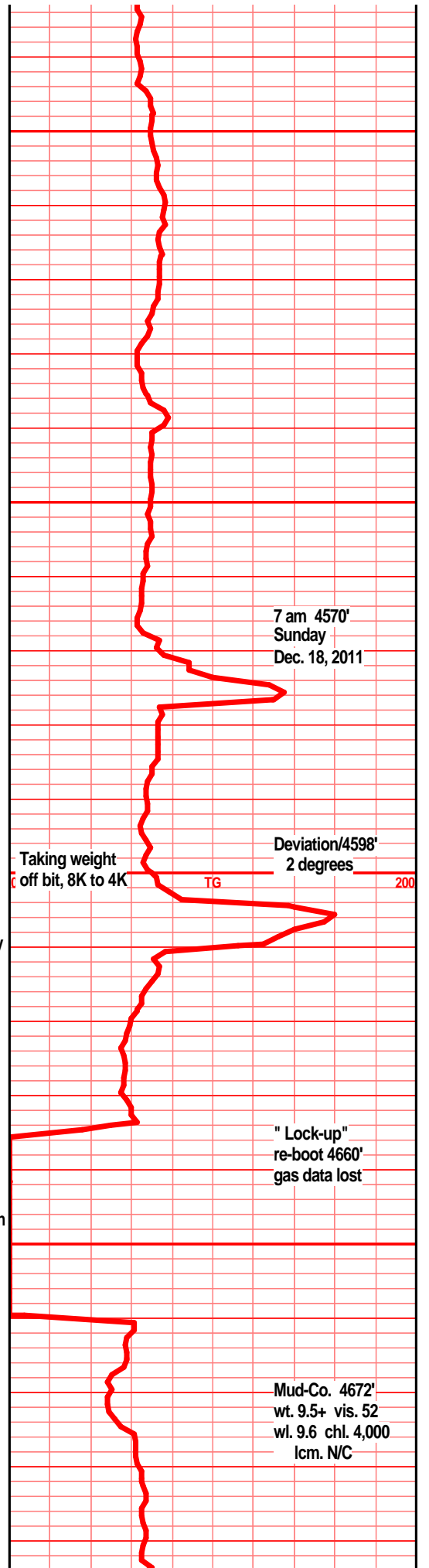


shl gry blk, bk carb, wxy grsy, gas bubs. Ist wht crm buff f sli med xln gran flky, sub chlky, foss frags, pelletal, tr micro ool, calc xln fill, tr chrt wht shrp frsh opa

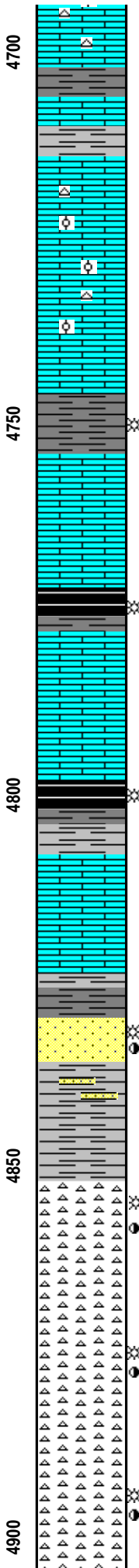
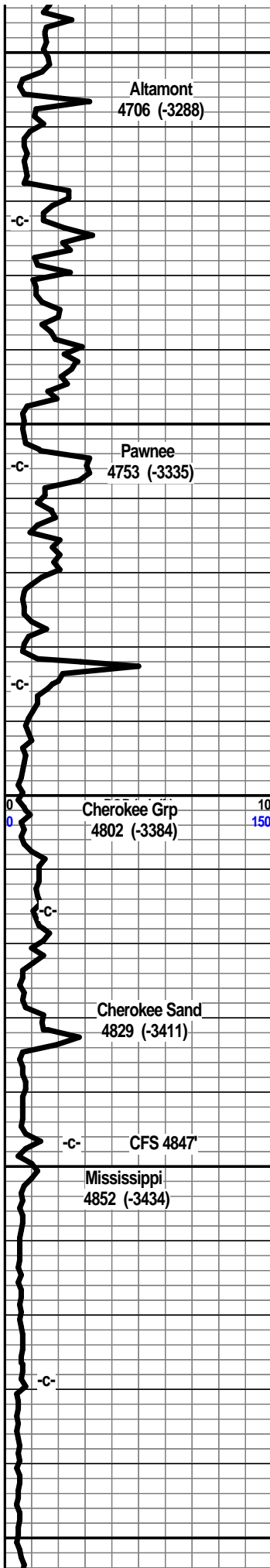
shl gry blk carg, wxy, grsy, abun gas bubs, tr gry silty calc, Ist wht off wht buff tan f sli med xln, blk flky, sub chlky, foss frags, pelletal, micro ool in prt, calc xln fill

shl gry gry brn calc, silty, gritty, Ist tan crm buff tr lt brn f sli med lxn gran flky sub chlky foss frags, foss ool, calc xln fill, chrt tan wht shrp frsh opa

Ist crm tna buff, lt gry brn in prt, f sli med xln, blk flky, sub chlky, foss frags, chrt wht off wht shrp frsh opa blk, Ist gry med gry silty gritty, calc in prt,



Mud-Co. 4672' wt. 9.5+ vis. 52 wl. 9.6 chl. 4,000 lcm. N/C



shl gry med gry gry green, silty gritty sndy in prt, calc in prt, lst tan buff wht f sli med xln blkly flky chlky gran, calc xln fill, tr chrt wht lt gry shrp frsh foss

lst crm buff tan f xln blkly flky, tr sub chlky, mstly dns hrd blkly, foss frags, micro ool, pettetal, chrt wht off wht shrp frsh opa

shl gry med gry blk, tr blk carb text, lst wht off wht buff, f xln blkly ang dns hrd, tr sub chlky, foss frags, micro ool, tr pelletal

shl gry drk gry blk, blk carb, wxy grsy, gas bubs, lst tan dull gry tan f vf xln dns hrd blkly, tr sub chlky, tr micro foss frags,

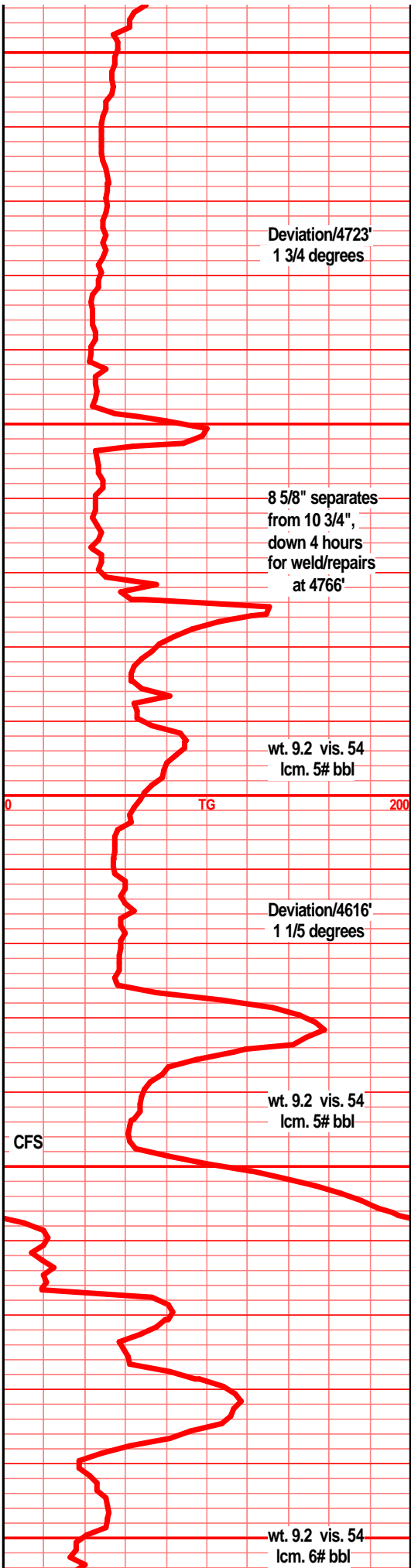
shl gry med gry silty gritty calc, much blk carb, wxy grsy, gas bubs, lst tan buff, dull tan lt gry f vf xln dns hrd, blkly tr sub chlky, micro foss frags, tr chrt wht shrp frsh opa blkly tr foss

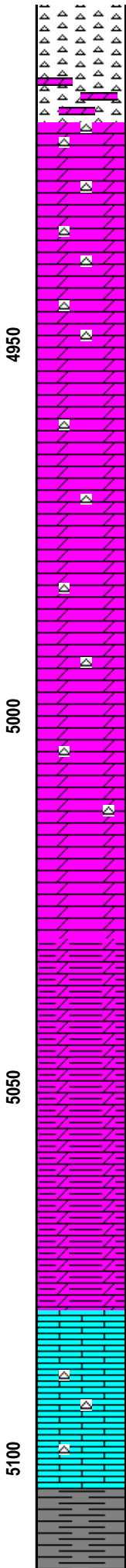
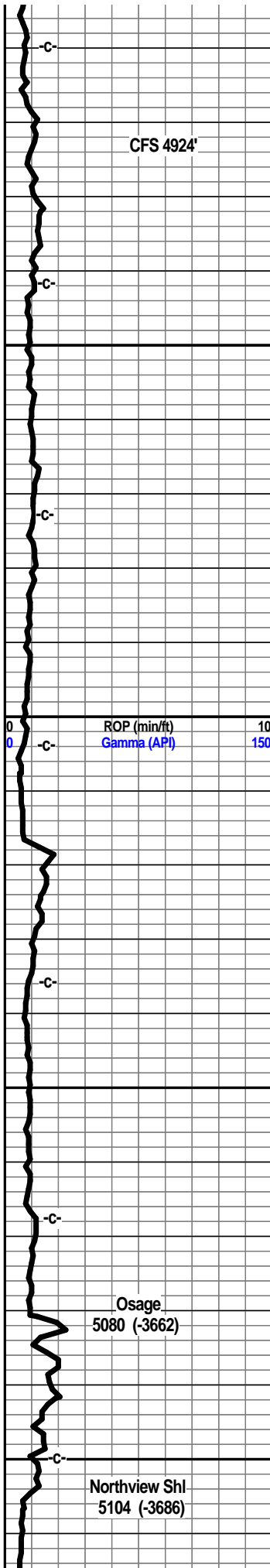
sst drk brn, brn blk, f vf grnd, sub ang, rded grns, v/w srtld, sub fria, well to prly cem, calc cem, tr clay fill, tr arg, tr calc in prt, tr inter grain por, abun gas bubs, drk blk stain, filmy SFO/brken, nodor

chrt off wht lt tan gry, tr smokey, shrp frsh, blkly opa, with wht soft trip text edge, lt green clay fill, wht lt tan brn trip spongy text along frsh chrt edge, pp moldic por, blk stain, blk SFO w/brkn, gas bubs, fair odor, dull UV

chrt wht off wht gry tan mott, weath, gran, soft, sub chlky trip text, weath trip spongy text, weath trip text along shrp frsh chrt edge, gd pp/vug/moldic por, fair odor, blk stain, drk brn/blk SFO, gas bubs,

chrt off wht lt gry tr smokey, incr frsh with depth, chrt aa with weath sli chlky trip edge text, pp/moldic/vug por, fair stain, brn stain, SFO, gas bubs, tr druzy qrtz, fair to gd odor, dull UV, chrt tan brn mott, weath trip text, pp/gd moldic/vug





por, SFO, abun gas bubs, dull UV, sho is less dark, less grsy, chrt lt gry off wht shrp, frsh, transl, foss, blk opa

chrt aa, dolo gry green, f vf xln dns hrd blk, silic in prt, glau in prt, chrt, chrt inclu, tan brn stain, SFO along chrt/dolo contact,

dolo lt gry f vf xln gran silty gritty, silic text, blk dns hrd, chrt in prt, chrt wht lt gry shrp frsh opa, tr stain, tr gas bubs, dull spotted UV, nodor

dolo lt gry tr drkr, f vf xln dns hrd blk, silic in prt, tr micr suc, silty gritty, chrt in prt, tr chrt wht off wht gry, shrp frsh opa transl, tr tan brn stain, nodor

dolo lt gry f vf xln blk dns hrd gritty, silty, tr silic text, chrt in prt, chrt wht lt gry shrp frsh, opa

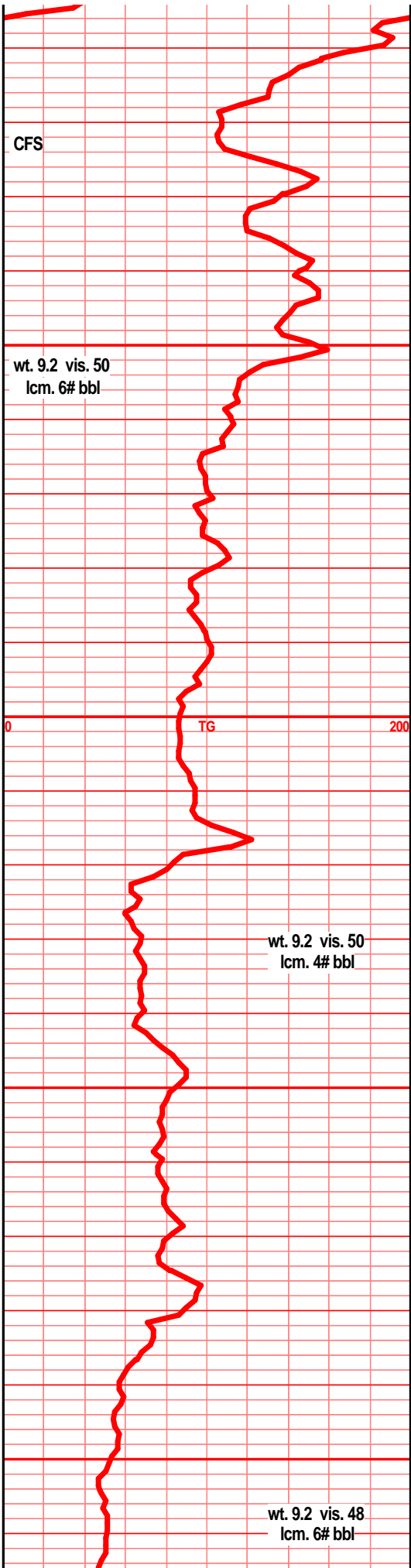
dolo gry med gry, drkr with depth, f vf xln dns hrd blk, incr silty gritty arg, tr chrt, lt gry smokey shrp frsh opa

dolo, silty gritty calc dolostn, f vf xln dns hrd blk, arg, incr drkr w/depth, silty gran,

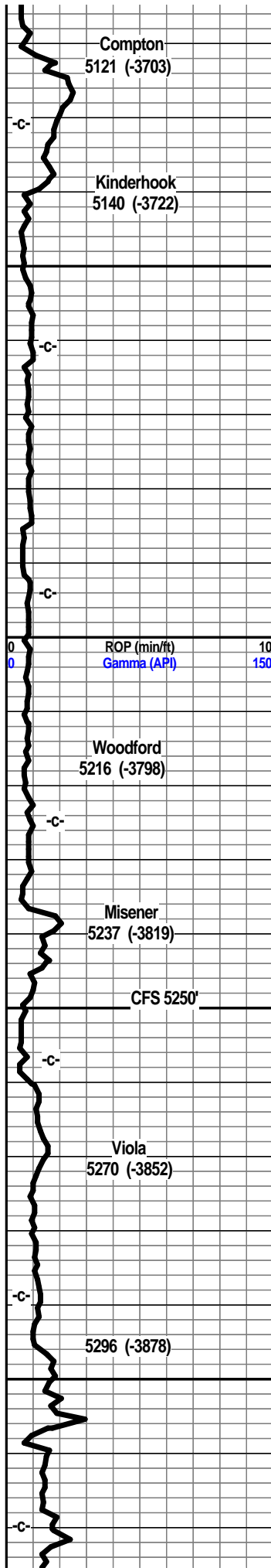
dolo, f vf xln, tr silic text in prt, silty calc dolostn in prt, gry drk gry, silty, gritty, f xln dns hrd blk arg

dolo, gry drk gry, silty, gritty, calc dolostn in prt, arg, blk, f vf xln, tr silic text in prt

lst wht off wht, f sli med xln ran sub chlky tr micro foss frags, chrt in prt, chrt wht lt gry shrp frsh opa, shl gry green drk gry green silty gritty







shl gry dkr gry green/blk, silty gritty calc in prt, lst wht off wht, tr gry lt green tint, f sli med xln, blkly flky sub chlky, tr foss frags,

shl gry grk gry blk, drk gry green, silty, gritty, bedded, pyritic bands

shl drk gry blk, gry green, silty gritty, bedded, tr pyritic bands

shl gry drk gry, brn blk, silty, sli gritty, pyritic in prt, tr gas bubs

shl drk brn, reddish brn/blk, dolo in prt, silty, gritty, dull copper ppt, blk carb text in prt, abun gas bubs

shl drk gry, brn reddish brn/blk, tr blk carb text, pyritic, copper nodules, dolo in prt, silty gritty, bleeding gas

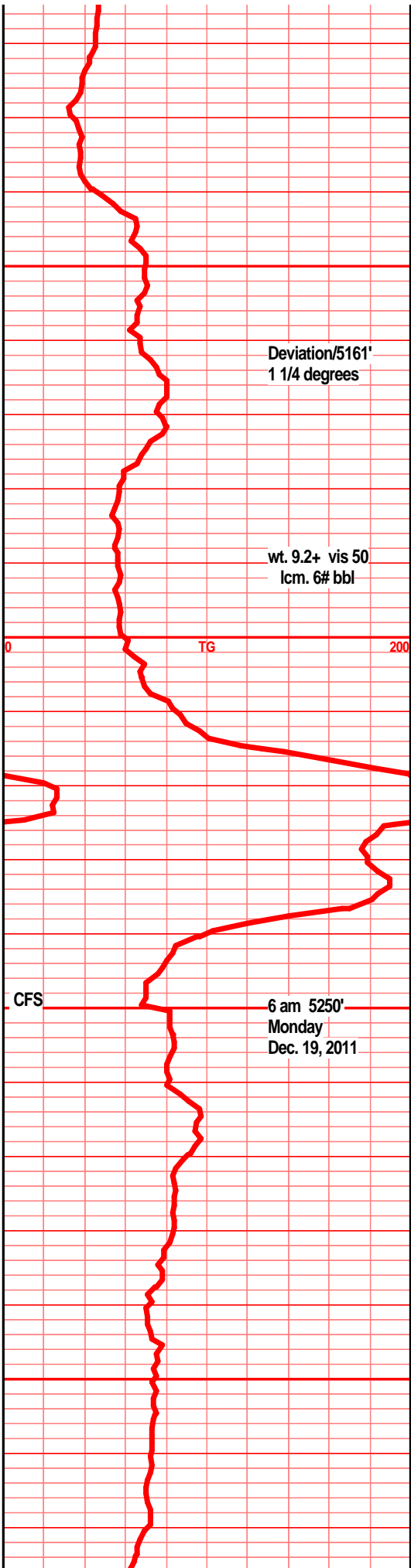
sst wht clr clstrs, f sli med grnd, ang qtz grns, prly srted, calc fill, min fill, tr calc xln fill, tr arg, tr carb foss fill, tr pyritic, inter grn por, no show

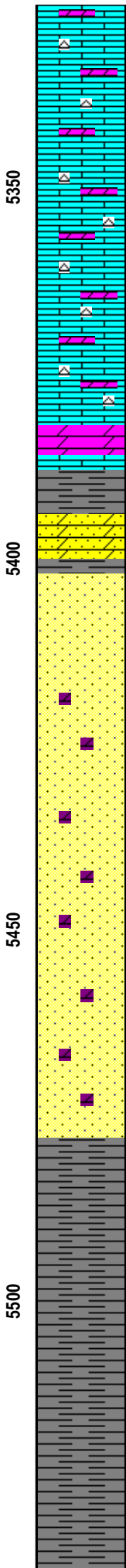
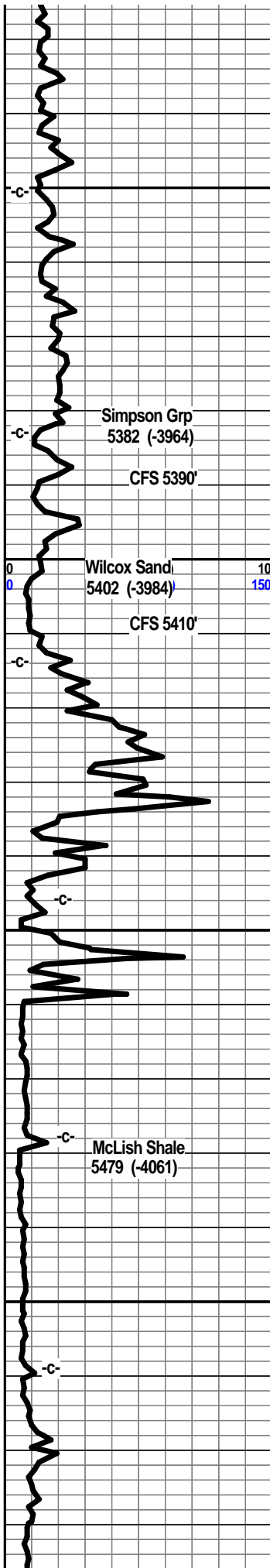
shl gry med drk gry, lt gry green, silty gritty, soft mushy, fnly gritty, sny, tr snd grn inclu, pyritic in prt

shl dolo calc shls, gry med gry, soft, gran mushy, gritty, gran,

lst wht off wht, gry lt green tint, f sli med xln, blkly, flky, tr sub chlky, inter xln por, tr pyritic fill, chrtly in prt, chrt wht shrp frsh opaq

lst wht off wht lt gry tint, f med xln, blkly flky, ang, tr sub chlky, tr foss frags, vis inter xln por,





tr crs calc xln fill, tr min/pyritic fill, chrty in prt, chrt wht shrp frsh opaq transl

lst, dolo in prt, tan dull tan brn, f vf xln, blkly dns hrd, ang, tr sub chlky, tr foss frags, gran, chrty, chrt dull gry tan shrp frsh opaq foss

lst dolo in prt, gry dull tan, tan gry/brn mott, f vf xln gran, blkly, dns hrd, sub chlky in prt, tr suc text, chrty in prt, chrt dull tan gry shrp frsh opaq

dolo tan brn f sli med xln, gran, soft, sli suc text, tr sndy text, sub chlky in prt, fair inter xln por, pp/moldic por, brn stain, sli odor, SFO, dull UV.

shl green, teal green, slick, wxy, snd grn inclu, pyritic, sst gry green f grnd, sub ang grns, prly srted, w/cem, silic cem, min fill pyritic

sst clr lt tan lt gry clstrs, f grnd, sub ang/rded grns, w/srtd, prly cem, fria, inter grn por, min fill, tr clay fill, arg, flky dead stain, nodor, no live sho

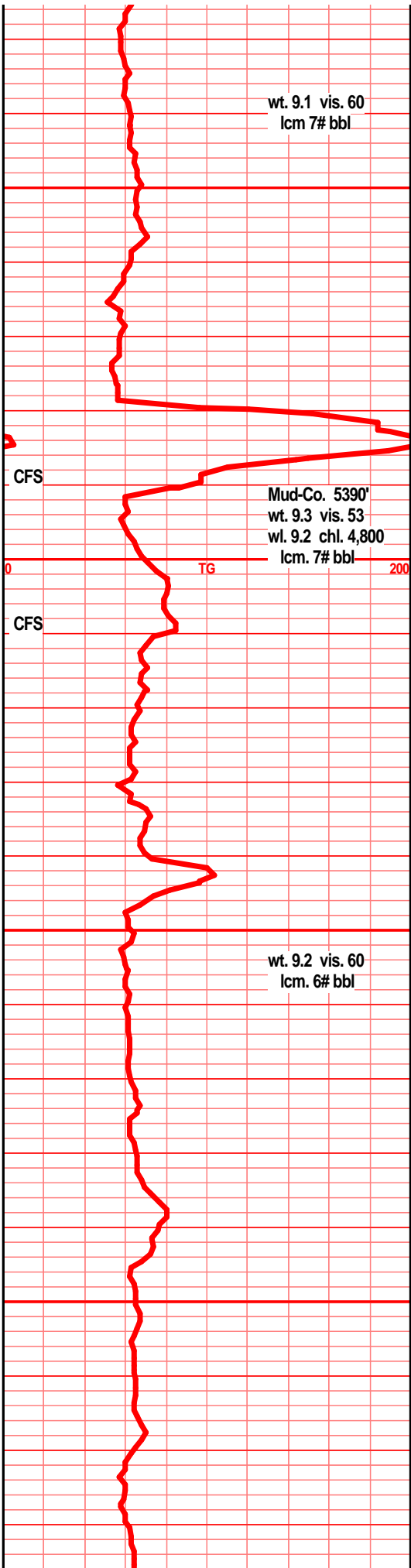
sst wht lt gry clstrs, f grnd, sub ang/sub rded grns, w/srtd, fair to w/cem, sub fria, inter grn por, tr min fill, tr clay fill, tr tan brn dolo xln fill, blk dead flky stain, NSFO, nodor, no live show

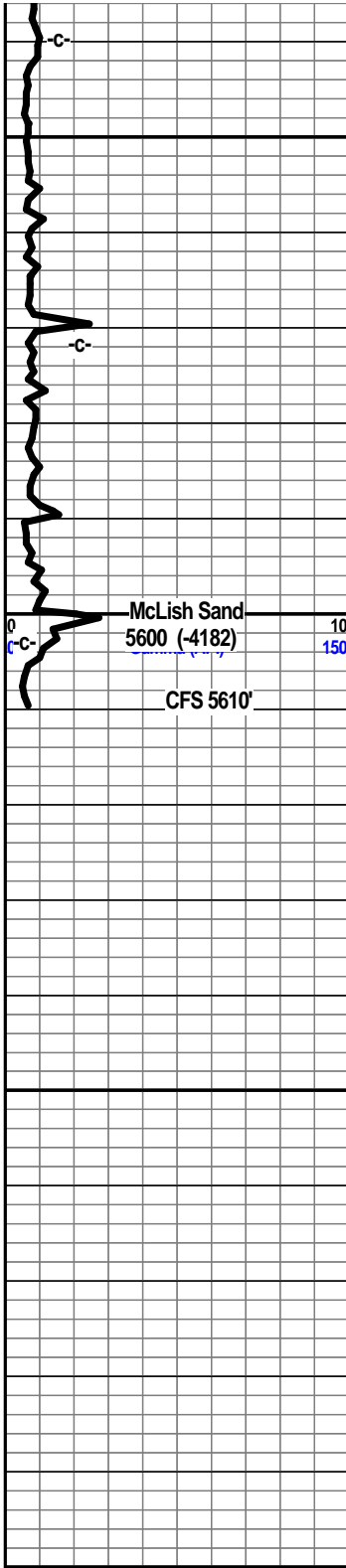
sst wth lt gry, tan brn tint clstrs, f grnd, sub ang/sub rded grns, w/srtd, sub fria, prly to fair cem, tr calc cem, tr tan brn dolo xln fill, min fill in prt, dead blk gilsonitic flky stain, no live show

sst wht off wht tr lt gry clstrs f grnd, sub ang, tr sub rded grns, w/srtd, prly cem, silic cem, fria to sub fria, inter grain por, min fill, tr tan lt brn dolo xln fill, tr clay fill, arg, blk dead flky stain NS

shl gry lt gry green teal green, silty gritty, sndy, snd grn inclu, glau

shl gry lt gry green, teal green, silty, sndy, gritty, glau, abun snd grn inclu





shl gry drk gry green, teal green, silty sndy, gritty, glau, snd grn inclu

shl gry me gry, gry green, teal green, silty gritty, sndy, snd grn inclu, glau, pyritic

sst clr, tan, lt gry, tr brn clstrs, f sli med grnd, sub rded/rded grns, prly srtd, vry prly srtd in prt, sub fria, mstly tite dns blkly clstrs, clay fill, clay clasts, tr tan brn dolo fill, min fill, glau, vry pryitic in prt, tr blk dead gilsonitic stain, no live show

Woolsey Operation Company LLC  
 Platt Gu #4  
 990' FSL, 660' FWL  
 N 1/2 SW SW  
 10-T35S-R12W  
 Barber County, Kansas  
 1405' GL 1418' KB  
 API 15-007-23812 00-00

