



**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: \_\_\_\_\_



1062773

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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# ALLIED CEMENTING CO., LLC. 040733

Federal Tax I.D.# 20-5975804

REMITTO' P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Med. 1st/2nd

DATE <u>6-23-11</u>	SEC <u>10</u>	TWP. <u>34S</u>	RANGE <u>11W</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00am</u>	JOB FINISH <u>3:20pm</u>
LEASE <u>Map. Res. Ranch</u>	WELL # <u>2</u>		LOCATION <u>Scott Campbell E to Campbell</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>E on lease Res. Ranch</u>				

CONTRACTOR <u>Hardt Rig #1</u>	OWNER <u>N-10 Exploration</u>
TYPE OF JOB <u>S. H.C.C.</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>275'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>265'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
<del>PRESS. MAX 400 PSI</del>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>20'</u>	
PERFS.	
DISPLACEMENT <u>16 1/2 bbls H<sub>2</sub>O</u>	

CEMENT			
AMOUNT ORDERED <u>225 sk 60:40:2% sol + 3% acc</u>			
COMMON <u>A</u>	<u>135 sk</u>	@ <u>16.25</u>	<u>2193.75</u>
POZMIX	<u>90 sk</u>	@ <u>8.50</u>	<u>765.00</u>
GEL	<u>4 sk</u>	@ <u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>8 sk</u>	@ <u>58.20</u>	<u>465.60</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>237</u>	@ <u>2.25</u>	<u>533.25</u>
MILEAGE	<u>237/11/15</u>		<u>391.05</u>
TOTAL			<u>4433.65</u>

**EQUIPMENT**

PUMP TRUCK	CEMENTER <u>Mark Hirsch</u>
# <u>360265</u>	HELPER <u>3030 at Hirsch</u>
BULK TRUCK	
# <u>364</u>	DRIVER <u>Dustin Elam</u>
BULK TRUCK	
#	DRIVER

**REMARKS:**  
Bill core with truck mix 225 sk cement  
disp 16 1/2 bbls H<sub>2</sub>O shut in  
cement did circulate

CHARGE TO: N-10 Exploration

STREET \_\_\_\_\_

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

**SERVICE**

DEPTH OF JOB <u>265'</u>	
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>30</u>	@ <u>7.00</u> <u>210.00</u>
MANIFOLD	@
<u>Light Vehicle</u> <u>25</u>	@ <u>4.00</u> <u>120.00</u>
	@
TOTAL <u>1455.00</u>	

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	
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 5888.65

DISCOUNT 20% IF PAID IN 30 DAYS

NET 4710.92

PRINTED NAME \_\_\_\_\_

SIGNATURE Scott Adelman

# ALLIED CEMENTING CO., LLC. 040734

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
McKalehls

DATE <u>6-28-11</u>	SEC. <u>22</u>	TWP. <u>39S</u>	RANGE <u>10W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00pm</u>	JOB FINISH <u>5:00pm</u>
LEASE <u>Medicine River Ranch</u>	WELL # <u>0-2</u>	LOCATION <u>281st South Canyon Rd E Fordellignid</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Frontier Rd Ninto</u>					

CONTRACTOR Hardt RG #1 OWNER N-10 Exploration

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5022' CEMENT AMOUNT ORDERED 40sx 60 140' 40' salt + 44sxms

CASING SIZE 5 1/2 DEPTH 5007' 150sx class H + 10% salt + 5% Kalsol

TUBING SIZE DEPTH 500gal ASF 15gal clapro

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1300psi MINIMUM COMMON A 24 sx @ 16.25 390.00

MEAS. LINE SHOE JOINT 11' POZMIX 16 sx @ 8.50 136.00

CEMENT LEFT IN CSG. 11' GEL 2 sx @ 2.25 42.50

PERFS. CHLORIDE @

DISPLACEMENT 121 bbls 2% brll ASC @

**EQUIPMENT**

PUMP TRUCK CEMENTER Mark Thimach

# 421/302 HELPER Ron Wiley

BULK TRUCK

# 364 DRIVER Ron Wiley

BULK TRUCK

# DRIVER

CEMENT

AMOUNT ORDERED 40sx 60 140' 40' salt + 44sxms

150sx class H + 10% salt + 5% Kalsol

500gal ASF 15gal clapro

COMMON A 24 sx @ 16.25 390.00

POZMIX 16 sx @ 8.50 136.00

GEL 2 sx @ 2.25 42.50

CHLORIDE @

ASC @

H 150 sx @ 19.25 2887.50

Salt 15 sx @ 12.00 180.00

Kalsol 750 gal @ .89 667.50

ASF 500 Gal @ 1.27 635.00

Clapro 15 Gal @ 31.25 468.75

@

@

HANDLING 222 @ 2.25 499.50

MILEAGE 222/15/11 366.30

TOTAL 6273.05

**REMARKS:**

Back core with RT pump ball through  
pump 20 bbls 2% brll pump 3 bbls H<sub>2</sub>O  
pump 60 gal ASF pump 2 bbls H<sub>2</sub>O  
mix 15sx for rat hole  
mix 25sx 5 coverer mix 150sx cement  
Start down with pump + mixer Release plug  
13 gal 1.5% brll 2% brll by mapping 800 gal  
plug held.

**SERVICE**

DEPTH OF JOB 5007'

PUMP TRUCK CHARGE 2405.00

EXTRA FOOTAGE @

MILEAGE 30 @ 7.00 210.00

MANIFOLD @

Head Rental @ 200.00

Light Vehicle 30 @ 4.00 120.00

TOTAL 2935.00

CHARGE TO: N-10 Exploration

STREET

CITY STATE ZIP

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

1- Guides hoe 100.80

1- AFU Insect @ 112.00

8- central zero @ 32.20 257.60

10- Scratches @ 23.94 239.40

1- Rubber plug @ 66.00

TOTAL 775.80

To Allied Cementing Co., LLC.  
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PRINTED NAME TIM PIERCE

SIGNATURE Tim Pierce

SALES TAX (If Any)

TOTAL CHARGES 9983.85

DISCOUNT 20% IF PAID IN 30 DAYS

Net 7987.08

# Timothy G. Pierce

## Petroleum Geologist

### GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC  
 LEASE Medicine River Ranch 'D' #2  
 FIELD Landis  
 LOCATION 2340' FSL & 1650' FWL  
 SEC 10 TWPSP 34S RGE 11W  
 COUNTY Barber STATE Kansas  
 CONTRACTOR Hardt Drilling Rig #1  
 SPUD 6-22-2011 COMP 6-28-2011  
 RTD 5022 LTD 5019  
 MUD UP 3333 TYPE MUD Chemical  
 SAMPLES SAVED FROM 4000 TO RTD  
 DRILLING TIME KEPT FROM 4000 TO RTD  
 SAMPLES EXAMINED FROM 4000 TO RTD  
 GEOLOGICAL SUPERVISION FROM 4150 to RTD  
 GEOLOGIST ON WELL Tim Pierce

#### ELEVATIONS

KB 1350'  
 DF \_\_\_\_\_  
 GL 1340'

Measurements Are All  
From Kelly Bushing

#### CASING

CONDUCTOR \_\_\_\_\_  
 SURFACE 8-5/8" at 278'  
 PRODUCTION 5-1/2" at 5018'

#### ELECTRICAL SURVEYS

DIL / CN-CD  
Log-Tech

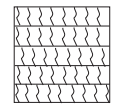
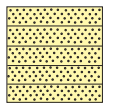
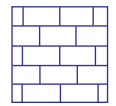
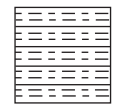

FORMATION TOPS	ELECTRIC LOG	SAMPLE
<u>Heebner Sh.</u>	<u>3592 (-2242)</u>	<u>NA</u>
<u>Stark Sh.</u>	<u>4277 (-2927)</u>	<u>4281 (-2931)</u>
<u>Cherokee Sh.</u>	<u>4495 (-3145)</u>	<u>4499 (-3149)</u>
<u>Mississippi</u>	<u>4540 (-3190)</u>	<u>4538 (-3188)</u>
<u>Kinderhook Sh.</u>	<u>4737 (-3387)</u>	<u>4740 (-3390)</u>
<u>Chattanooga Sh.</u>	<u>4822 (-3472)</u>	<u>4825 (-3475)</u>
<u>Viola</u>	<u>4866 (-3516)</u>	<u>4884 (-3534)</u>
<u>Simpson Sh.</u>	<u>4960 (-3610)</u>	<u>4963 (-3613)</u>

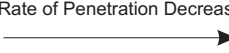


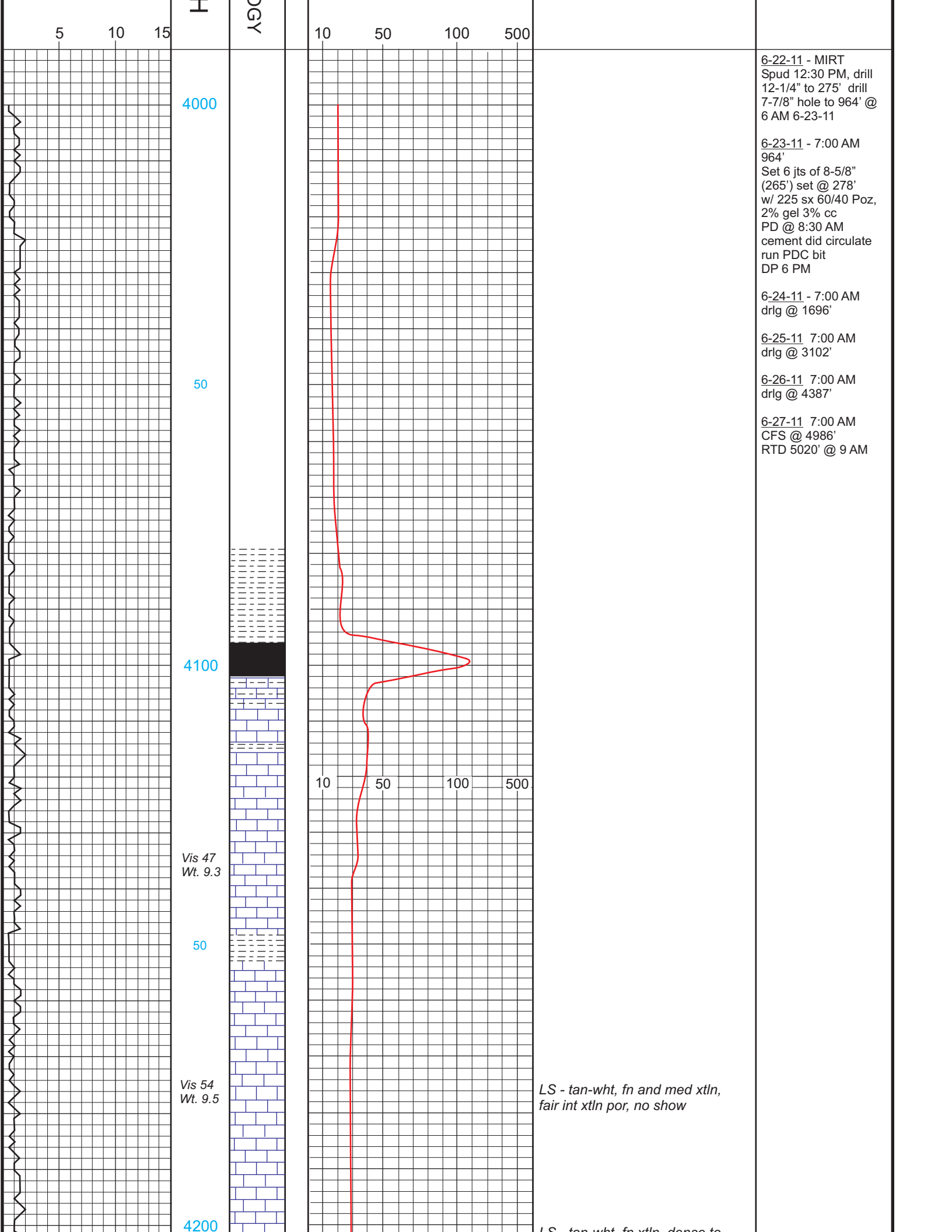
**REMARKS** Samples and electric logs indicate probable production from the Mississippi  
Other possible productive zones include the Chattanooga shale from 4822-4850, the Cherokee sand from 4523-4529, and the Pawnee LS from 4450-4454.  
The gas detector showed slight increases through the Tarkio sand and Indian Cave sand sections, these zones should be evaluated if more wells are drilled in this area.

Timothy G. Pierce

#### LEGEND

 Anhydrite	 Sandstone	 Limestone	 Shale	 Carb Sh	 Cherty LS	 Chert	 Dolomite
-------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------

DRILLING TIME IN MINUTES PER FOOT <small>Rate of Penetration Decreases</small> 	DEPT	LITHOLG	GAS SCALE	SAMPLE DESCRIPTION	REMARKS
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6-22-11 - MIRT  
 Spud 12:30 PM, drill  
 12-1/4" to 275' drill  
 7-7/8" hole to 964' @  
 6 AM 6-23-11

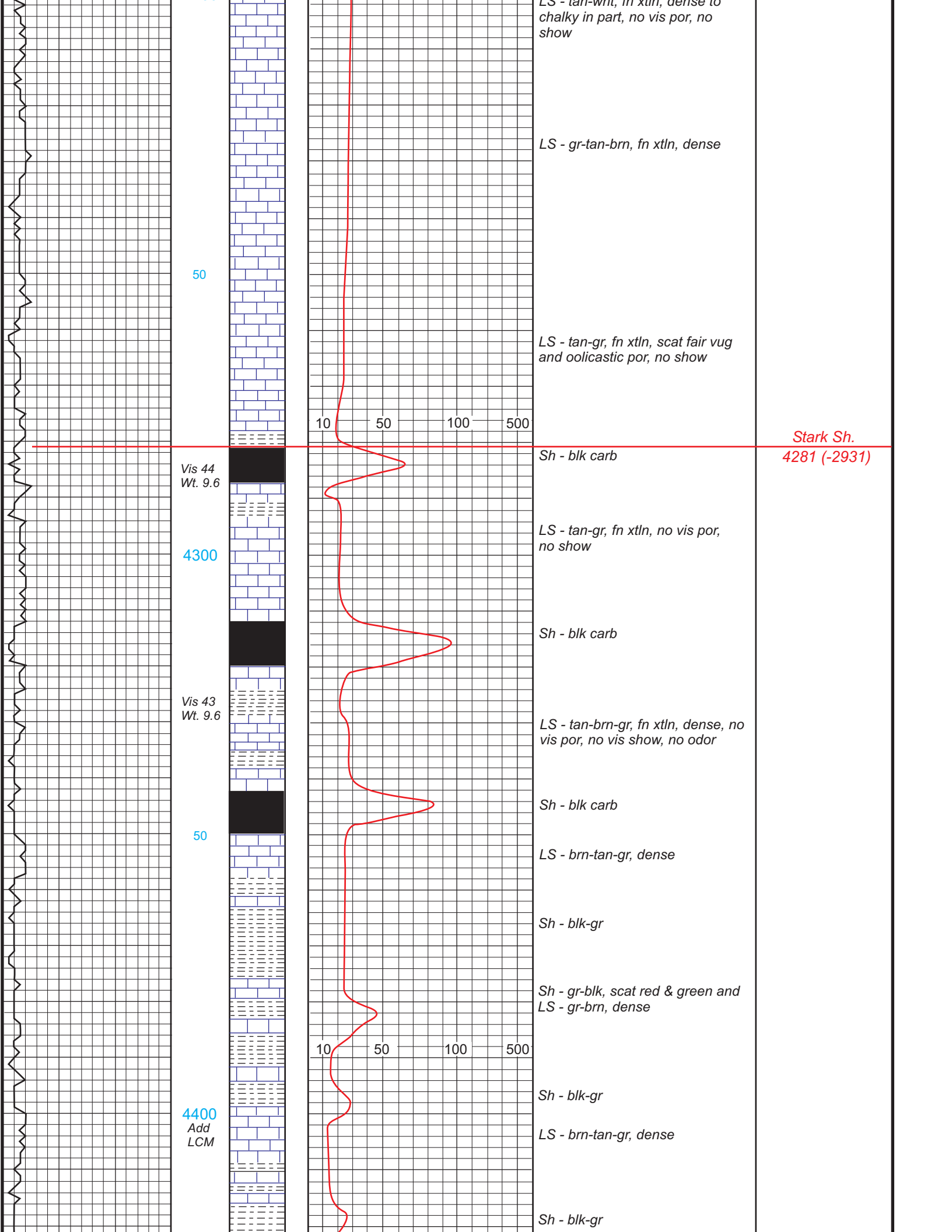
6-23-11 - 7:00 AM  
 964'  
 Set 6 jts of 8-5/8"  
 (265') set @ 278'  
 w/ 225 sx 60/40 Poz,  
 2% gel 3% cc  
 PD @ 8:30 AM  
 cement did circulate  
 run PDC bit  
 DP 6 PM

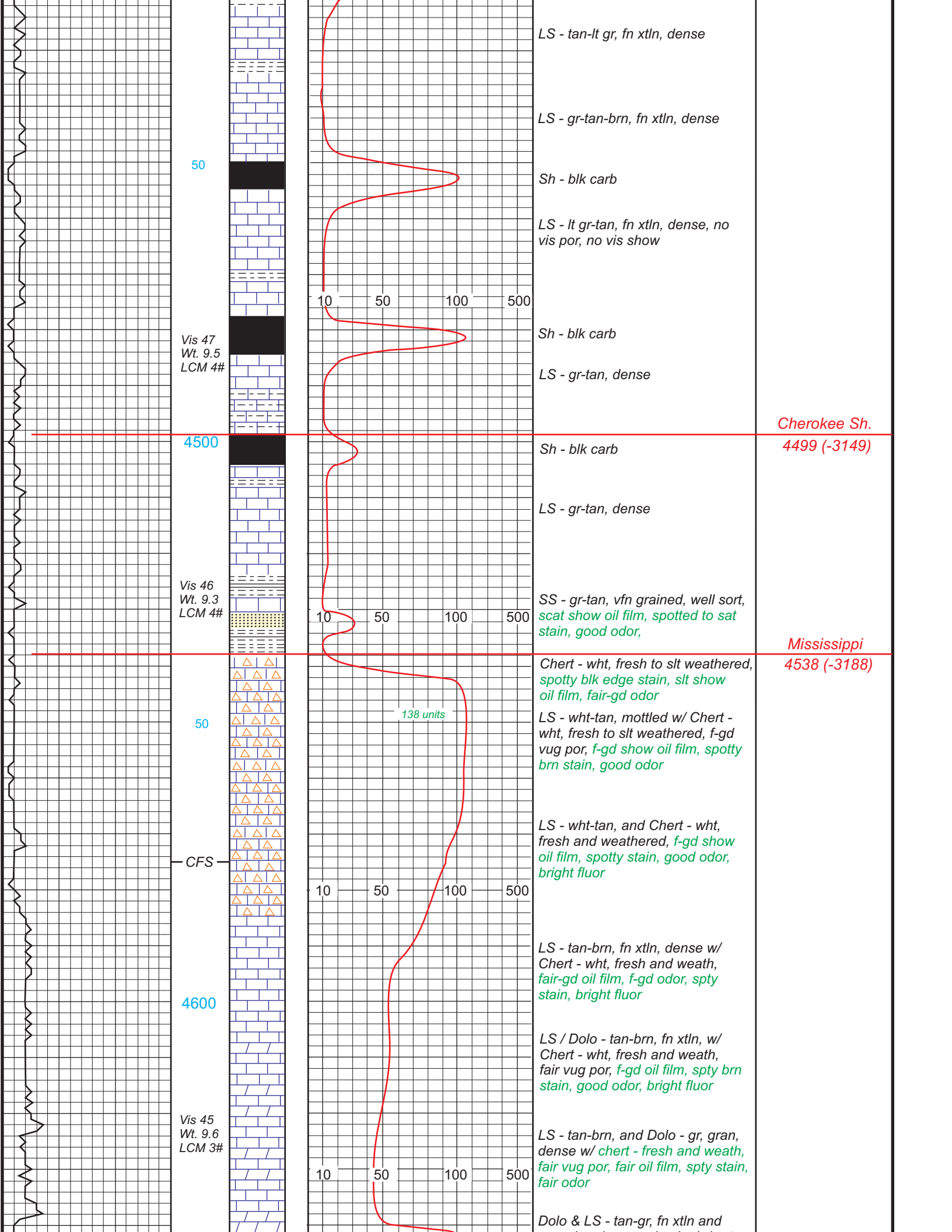
6-24-11 - 7:00 AM  
 drlg @ 1696'

6-25-11 7:00 AM  
 drlg @ 3102'

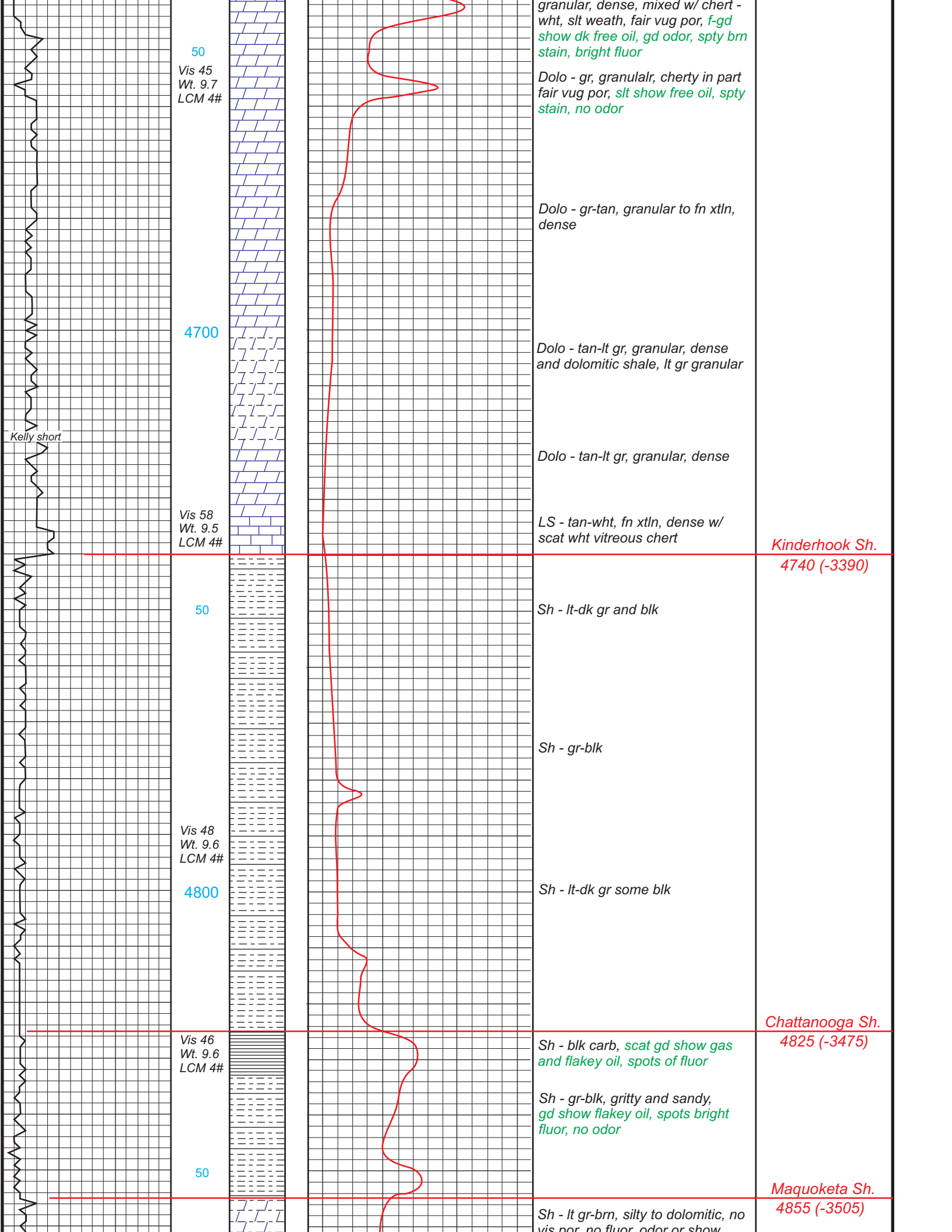
6-26-11 7:00 AM  
 drlg @ 4387'

6-27-11 7:00 AM  
 CFS @ 4986'  
 RTD 5020' @ 9 AM









50  
Vis 45  
Wt. 9.7  
LCM 4#

granular, dense, mixed w/ chert - wht, slt weath, fair vug por, f-gd show dk free oil, gd odor, spty brn stain, bright fluor

Dolo - gr, granular, cherty in part fair vug por, slt show free oil, spty stain, no odor

Dolo - gr-tan, granular to fn xtl, dense

4700

Dolo - tan-lt gr, granular, dense and dolomitic shale, lt gr granular

Dolo - tan-lt gr, granular, dense

Vis 58  
Wt. 9.5  
LCM 4#

LS - tan-wht, fn xtl, dense w/ scat wht vitreous chert

Kinderhook Sh.  
4740 (-3390)

50

Sh - lt-dk gr and blk

Sh - gr-blk

Vis 48  
Wt. 9.6  
LCM 4#

Sh - lt-dk gr some blk

4800

Vis 46  
Wt. 9.6  
LCM 4#

Sh - blk carb, scat gd show gas and flakey oil, spots of fluor

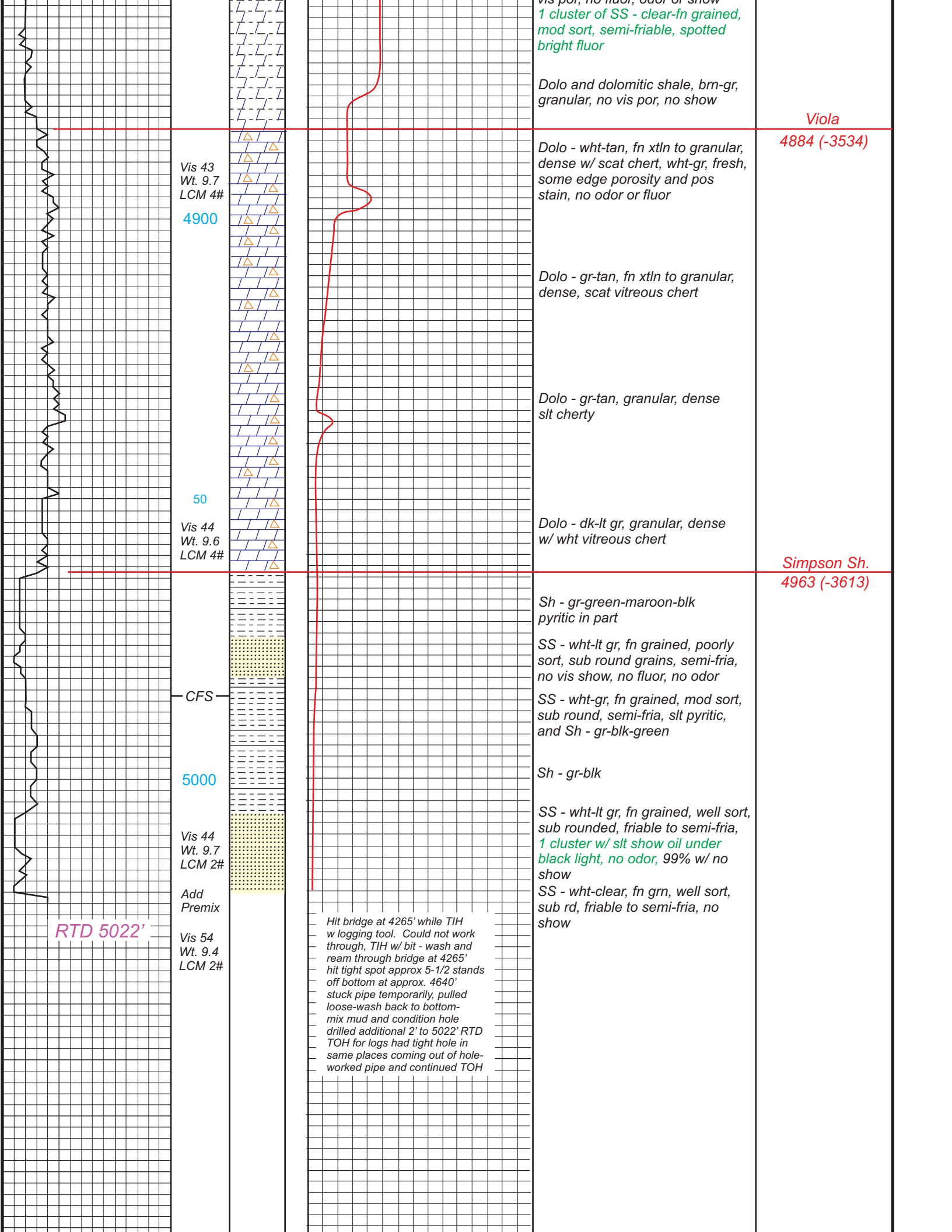
Chattanooga Sh.  
4825 (-3475)

Sh - gr-blk, gritty and sandy, gd show flakey oil, spots bright fluor, no odor

50

Sh - lt gr-brn, silty to dolomitic, no vis por, no fluor, odor or show

Maquoketa Sh.  
4855 (-3505)



vis por, no fluor, odor or show  
 1 cluster of SS - clear-fn grained,  
 mod sort, semi-friable, spotted  
 bright fluor

Dolo and dolomitic shale, brn-gr,  
 granular, no vis por, no show

*Viola*

4884 (-3534)

Vis 43  
 Wt. 9.7  
 LCM 4#  
 4900

Dolo - wht-tan, fn xtl to granular,  
 dense w/ scat chert, wht-gr, fresh,  
 some edge porosity and pos  
 stain, no odor or fluor

Dolo - gr-tan, fn xtl to granular,  
 dense, scat vitreous chert

Dolo - gr-tan, granular, dense  
 silt cherty

50

Vis 44  
 Wt. 9.6  
 LCM 4#

Dolo - dk-lt gr, granular, dense  
 w/ wht vitreous chert

*Simpson Sh.*  
 4963 (-3613)

CFS

5000

Vis 44  
 Wt. 9.7  
 LCM 2#

Sh - gr-green-maroon-blk  
 pyritic in part

SS - wht-lt gr, fn grained, poorly  
 sort, sub round grains, semi-fria,  
 no vis show, no fluor, no odor

SS - wht-gr, fn grained, mod sort,  
 sub round, semi-fria, silt pyritic,  
 and Sh - gr-blk-green

Sh - gr-blk

SS - wht-lt gr, fn grained, well sort,  
 sub rounded, friable to semi-fria,  
 1 cluster w/ silt show oil under  
 black light, no odor, 99% w/ no  
 show

SS - wht-clear, fn grn, well sort,  
 sub rd, friable to semi-fria, no  
 show

Add  
 Premix

Vis 54  
 Wt. 9.4  
 LCM 2#

RTD 5022'

Hit bridge at 4265' while TIH  
 w logging tool. Could not work  
 through, TIH w/ bit - wash and  
 ream through bridge at 4265'  
 hit tight spot approx 5-1/2 stands  
 off bottom at approx. 4640'  
 stuck pipe temporarily, pulled  
 loose-wash back to bottom-  
 mix mud and condition hole  
 drilled additional 2' to 5022' RTD  
 TOH for logs had tight hole in  
 same places coming out of hole-  
 worked pipe and continued TOH

