



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1235934
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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



1235934

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

ALLIED OIL & GAS SERVICES, LLC 063040

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Medicine Lodge KS

DATE <u>9/15/14</u>	SEC. <u>31</u>	TWP. <u>30s</u>	RANGE <u>11w</u>	CALLED OUT <u>100PM</u>	ON LOCATION <u>230PM</u>	JOB START <u>330PM</u>	JOB FINISH <u>400PM</u>
LEASE <u>Chain Ranch</u> WELL # <u>2</u>		LOCATION <u>North of Medicine Lodge, North on 99</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)		LOCATION <u>Spring Rd, East on Galardia Rd to loc</u>					

CONTRACTOR Hardt #1

TYPE OF JOB Surface

HOLE SIZE 12 1/2 T.D. 249

CASING SIZE 8 5/8 DEPTH 208

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 200 MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 204

PERFS. _____

DISPLACEMENT 12 1/2 BBLs Fresh H₂O

OWNER R+B Oil & Gas

CEMENT AMOUNT ORDERED 225 cu Class A + 7% cct 2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Jason Thinesel

899/265 HELPER Ron Gilley

BULK TRUCK # 764 DRIVER Wayne Rucker

BULK TRUCK # _____ DRIVER _____

COMMON <u>Class A 225 cu</u>	@ <u>17.90</u>	<u>4027.50</u>
POZMIX	@	
GEL <u>423#s</u>	@ <u>1.05</u>	<u>444.15</u>
CHLORIDE <u>639#s</u>	@ <u>1.10</u>	<u>697.40</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	
MILEAGE	@	

REMARKS:

20% = 1033.81

TOTAL 5169.05

SERVICE

DEPTH OF JOB <u>208</u>		
PUMP TRUCK CHARGE		<u>1512.25</u>
EXTRA FOOTAGE <u>10 mi</u>	@ <u>4.40</u>	<u>44.00</u>
MILEAGE <u>10 mi</u>	@ <u>7.70</u>	<u>77.00</u>
MANIFOLD	@	
Handling <u>243.29 cu ft</u>	@ <u>2.48</u>	<u>603.36</u>
Drayage <u>11 hrs x 10 mi</u>	@ <u>2.60</u>	<u>288.60</u>

20% = 505.04

TOTAL 2525.21

PLUG & FLOAT EQUIPMENT

NA

	@	
	@	
	@	
	@	
	@	

TOTAL _____

CHARGE TO: R+B

STREET _____

CITY _____ STATE _____ ZIP _____

SALES TAX (if Any) _____

TOTAL CHARGES 7694.26

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Scott Adkins

Net \$6155.41

To: Allied Oil & Gas Services, 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.

ALLIED OIL & GAS SERVICES, LLC 063668

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
MEDLINE L0066

DATE <u>9-22-14</u>	SEC. <u>31</u>	TWP. <u>30S</u>	RANGE <u>11W</u>	CALLED OUT <u>2600</u>	ON LOCATION <u>2100</u>	JOB START <u>1720</u>	JOB FINISH <u>132</u>
LEASE <u>CRAN RANCH</u>	WELL# <u>2</u>	LOCATION <u>N OF ML NON 99 COM SPINKS RD</u>			COUNTY <u>BARBER</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		FROM <u>BARBER TO LOC</u>					

CONTRACTOR ~~Handt~~ Handt #1
 TYPE OF JOB L/S
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE 5 3/4 DEPTH 4775
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 32
 PERFS.
 DISPLACEMENT 115

OWNER R+B OIL & GAS

CEMENT
 AMOUNT ORDERED 55 sks Col 40:4 + 46 sks
150 sks H + 10% SALT + 5# kol seal

EQUIPMENT

PUMP TRUCK CEMENTER COY PRICE
892/555 HELPER TJ GIBSON
 BULK TRUCK
 # 364 DRIVER WAYNE RUCKER
 BULK TRUCK
 # DRIVER

COMMON <u>H 150</u>	@ <u>27.24</u>	<u>4086.00</u>
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC 60	@	
<u>Col 40:4 55</u>	@ <u>18.92</u>	<u>1040.60</u>
<u>Sms 14</u>	@ <u>3.30</u>	<u>46.20</u>
<u>KOL SEAL 750</u>	@ <u>1.98</u>	<u>1485.00</u>
<u>SALT 750</u>	@ <u>.68</u>	<u>510.00</u>
<u>KCL 14</u>	@ <u>34.40</u>	<u>481.60</u>
<u>ASF 12</u>	@ <u>25.00</u>	<u>300.00</u>
	@	
	@	
HANDLING	@	
MILEAGE		
<u>20% = 1,439.89</u>		<u>TOTAL 7,199.40</u>

REMARKS:

SERVICE

DEPTH OF JOB <u>4775</u>		
PUMP TRUCK CHARGE <u>2765</u>		
EXTRA FOOTAGE	@	
L MILEAGE <u>10</u>	@ <u>4.40</u>	<u>44.00</u>
MANIFOLD <u>1</u>	@ <u>275.00</u>	<u>275.00</u>
H MILEAGE <u>10</u>	@ <u>7.70</u>	<u>77.00</u>
HANDLING <u>234.71</u>	@ <u>2.48</u>	<u>582.08</u>
DRIVAGE <u>202.147</u>	@ <u>2.75</u>	<u>555.90</u>
<u>20% = 8805.08</u>		<u>TOTAL 11025.43</u>

CHARGE TO: R+B Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1 FIBER SHOE</u>	@ <u>281.00</u>	<u>281.00</u>
<u>AED INSERT</u>	@ <u>335.00</u>	<u>335.00</u>
<u>9 CENTRALIZERS</u>	@ <u>57.00</u>	<u>513.00</u>
<u>10 REG. SCRATCHERS</u>	@ <u>89</u>	<u>890.00</u>
	@	

TOTAL 1962.00

To: Allied Oil & Gas Services, 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 13,186.83
 DISCOUNT 10941.86 IF PAID IN 30 DAYS

PRINTED NAME Tim Pierce
 SIGNATURE Tim Pierce

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY R & B Oil and Gas Inc.
 LEASE Chain Ranch #2
Amber Creek East
 FIELD Amber Creek East
 LOCATION SW SW
 SEC 31 TWP 30 S RGE 11 W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling
 SPUD 9-15-2014 COMP 9-22-2014
 RTD 4773 LTD 4775
 MUD UP 3041 TYPE MUD Chemical
 SAMPLES SAVED FROM 2700 TO RTD
 DRILLING TIME KEPT FROM 2700 TO RTD
 SAMPLES EXAMINED FROM 2700 TO RTD
 GEOLOGICAL SUPERVISION FROM 2635' to RTD
 GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1758'
 DF _____
 GL 1748'

Measurements Are All
 From Kelly Bushing

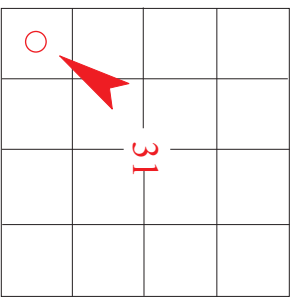
CASING

CONDUCTOR _____
 SURFACE 8-5/8" at 252'
 PRODUCTION 5-1/2" at 4768'

ELECTRICAL SURVEYS

DIL / DUCP
Pioneer Energy Svcs.

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Onaga Shale	2741 (-983)	2738 (-980)
Heebner Shale	3658 (-1900)	3655 (-1897)
Lansing	3863 (-2105)	3862 (-2104)
Stark Shale	4207 (-2549)	4206 (-2548)
Cherokee Shale	4381 (-2623)	4382 (-2624)
Mississippi	4383 (-2625)	4386 (-2628)
Kinderhook Sh.	4468 (-2710)	4468 (-2710)
viola	4654 (-2896)	4654 (-2896)
Simpson	4742 (-2984)	4740 (-2982)


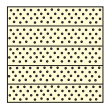
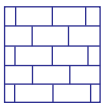
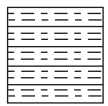

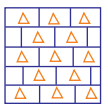

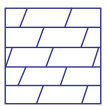



API# 15-007-24,215

REMARKS Samples and electric logs indicate a probable productive zone in the Mississippi from 4383' -4415'.
Other sample shows were observed in the Viola, Kansas City Swope, and Kansas City 'Dennis' zone, electric log parameters indicate these zones are most likely non-commercial.
There were no other zones of interest indicated by samples or electric logs.
Production casing was set on 9-23-14

Timothy G. Pierce

LEGEND

							
Anhydrite	Sandstone	Limestone	Shale	Carb Sh	Cherty LS	Chert	Dolomite

DRILLING TIME IN MINUTES PER FOOT
 Rate of Penetration Decreases


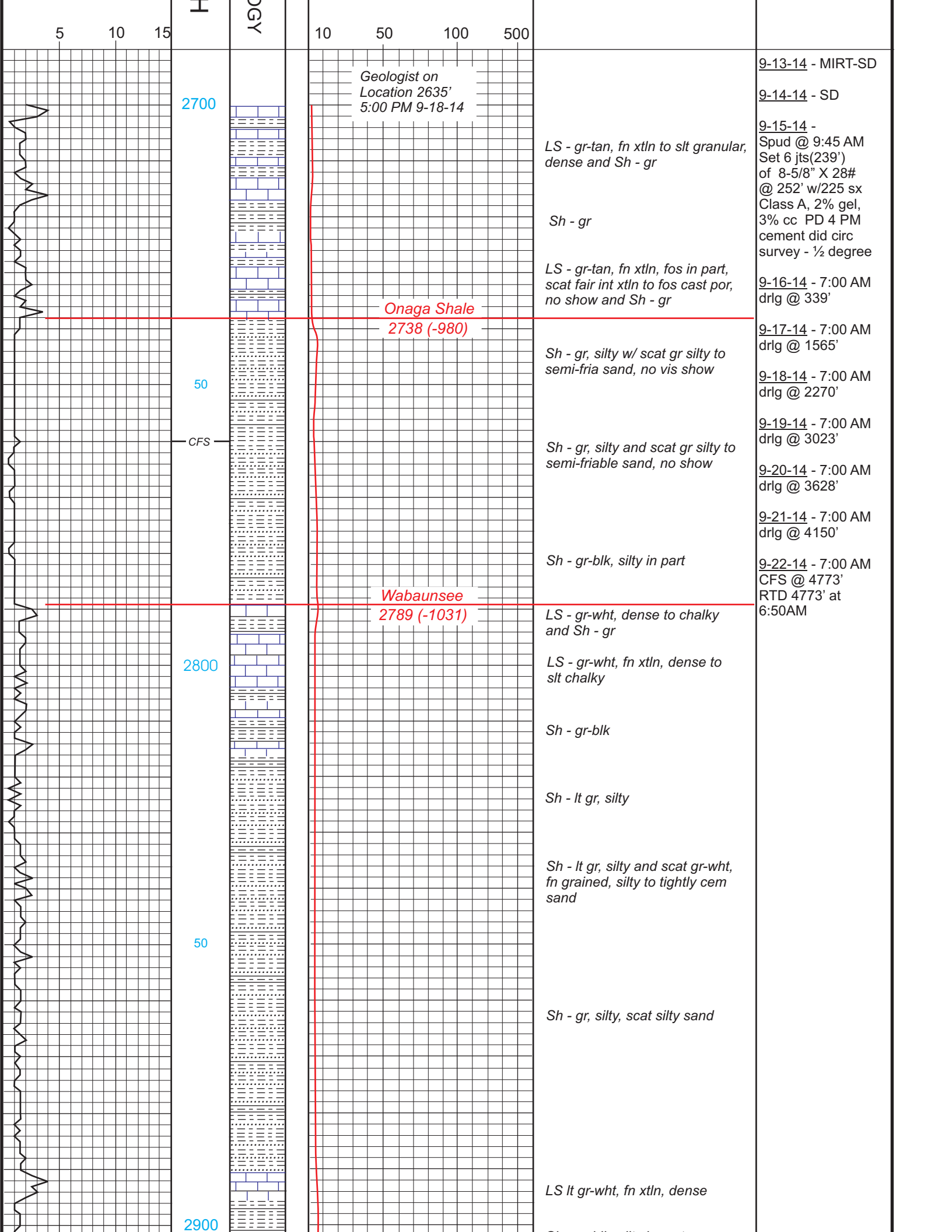
DEPTH

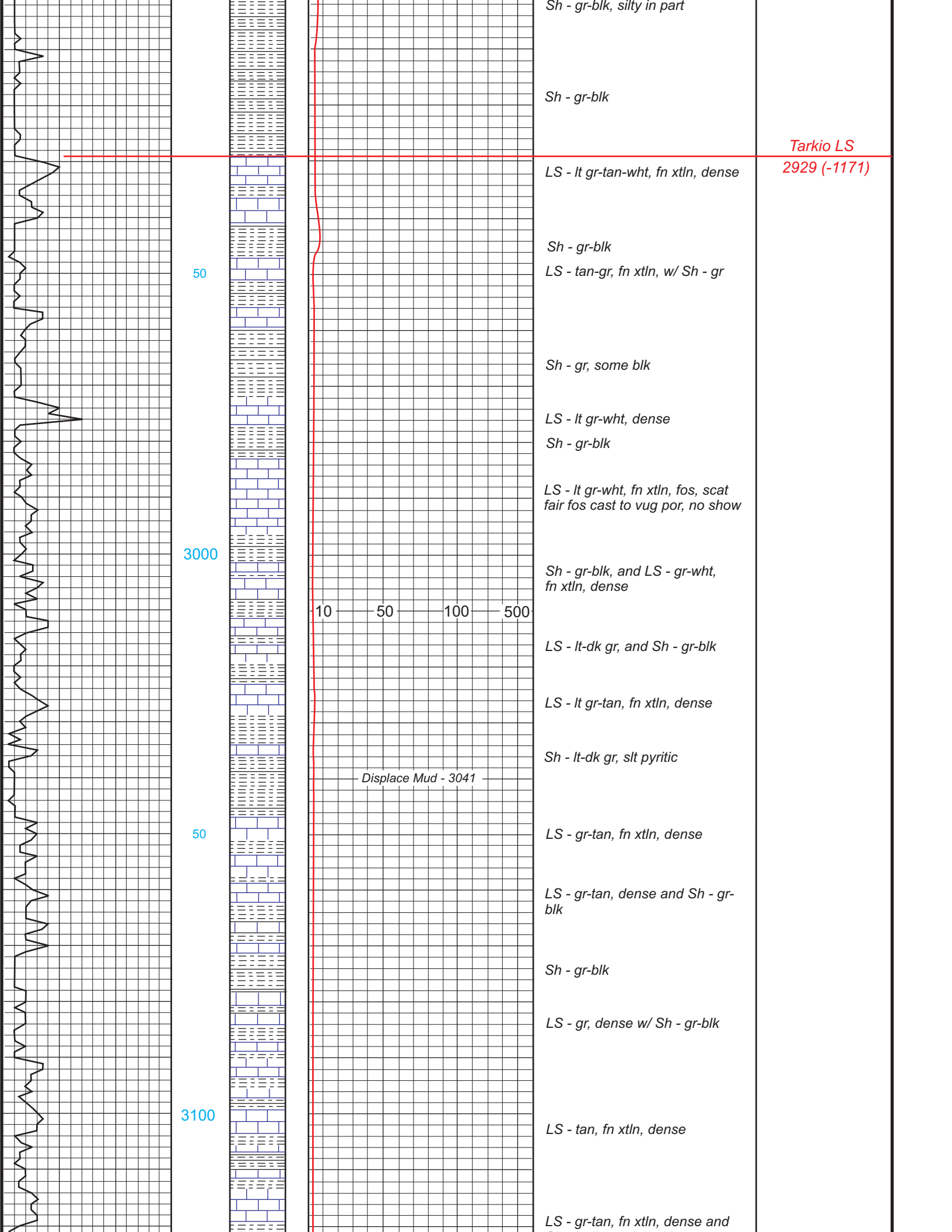
LITHOLOG

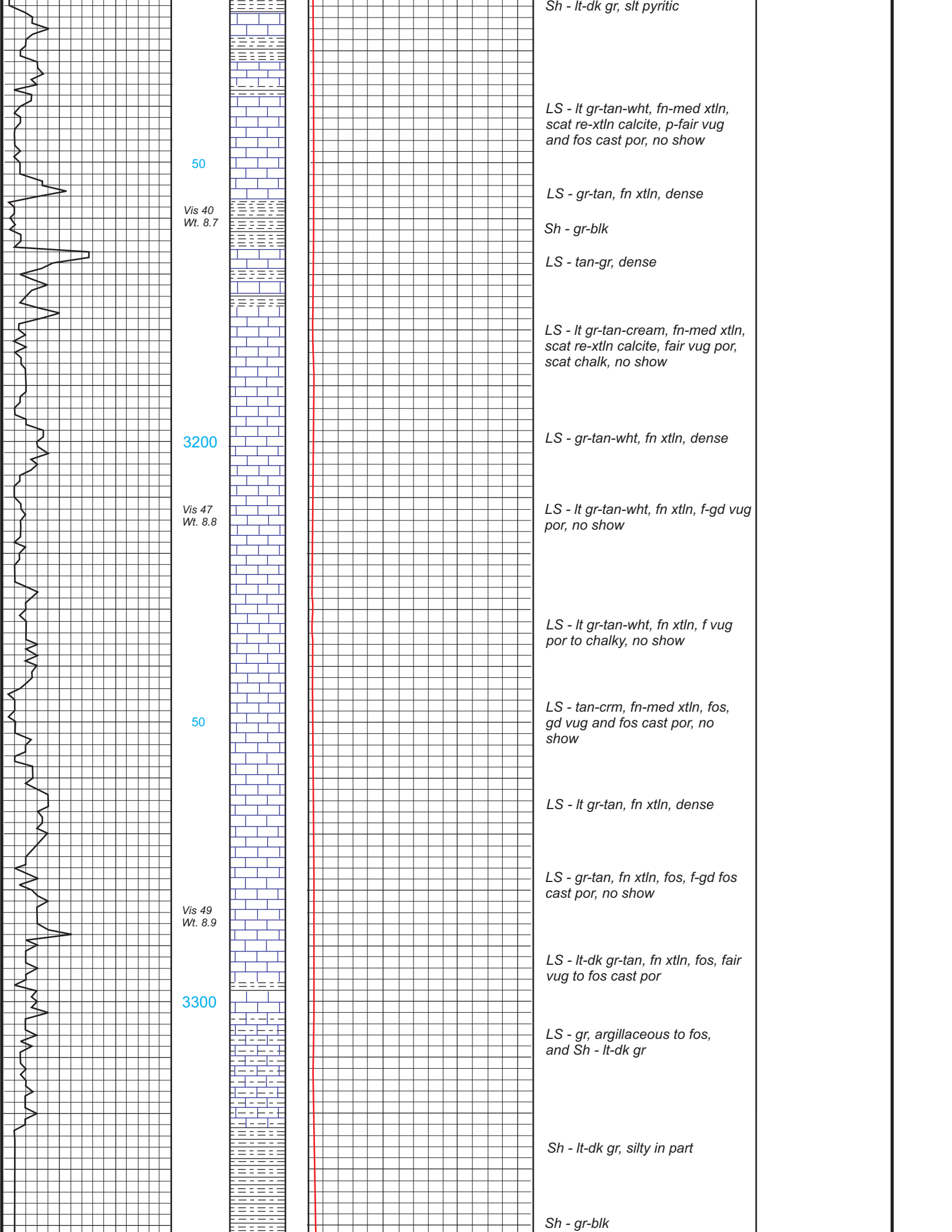
GAS SCALE

SAMPLE DESCRIPTION

REMARKS







50

Vis 40
Wt. 8.7

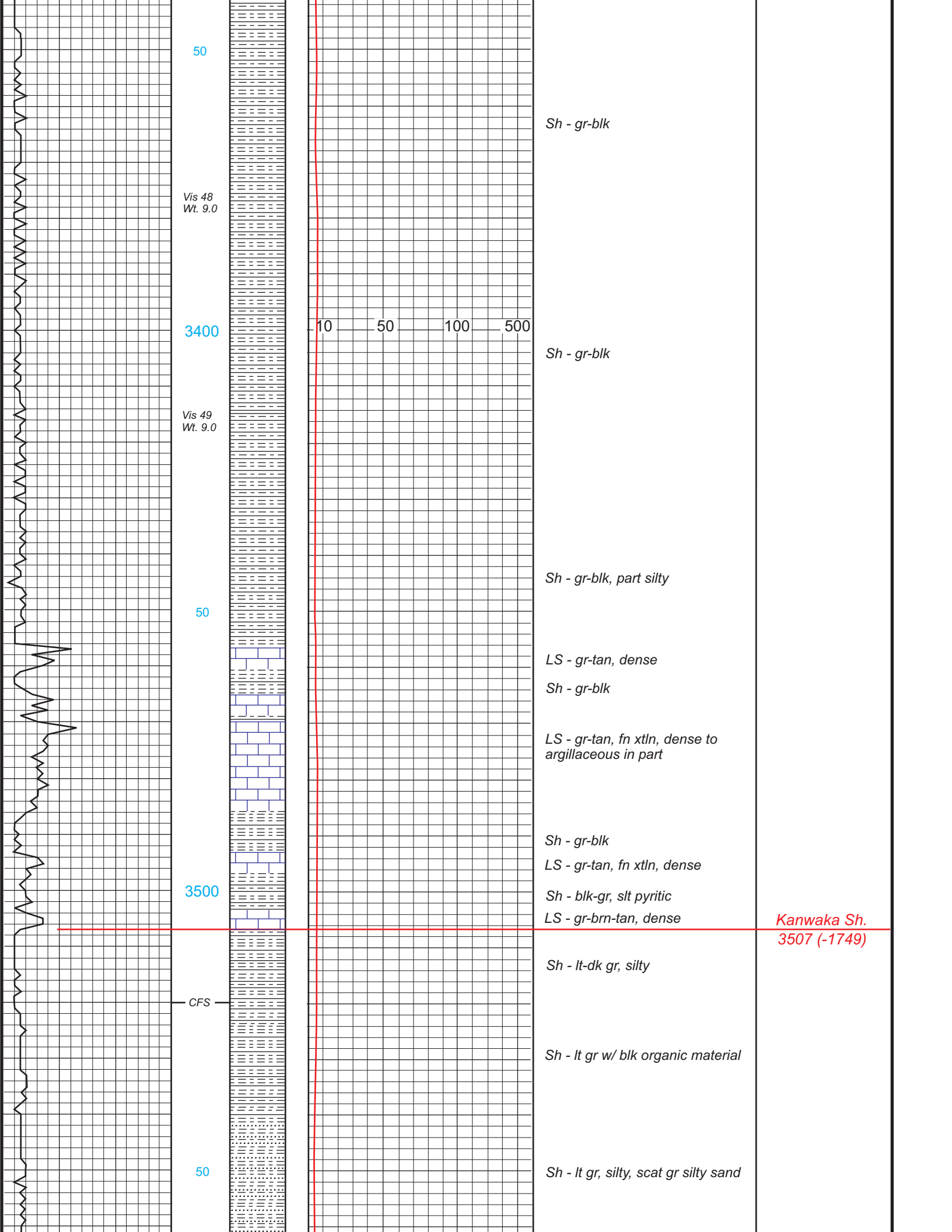
3200

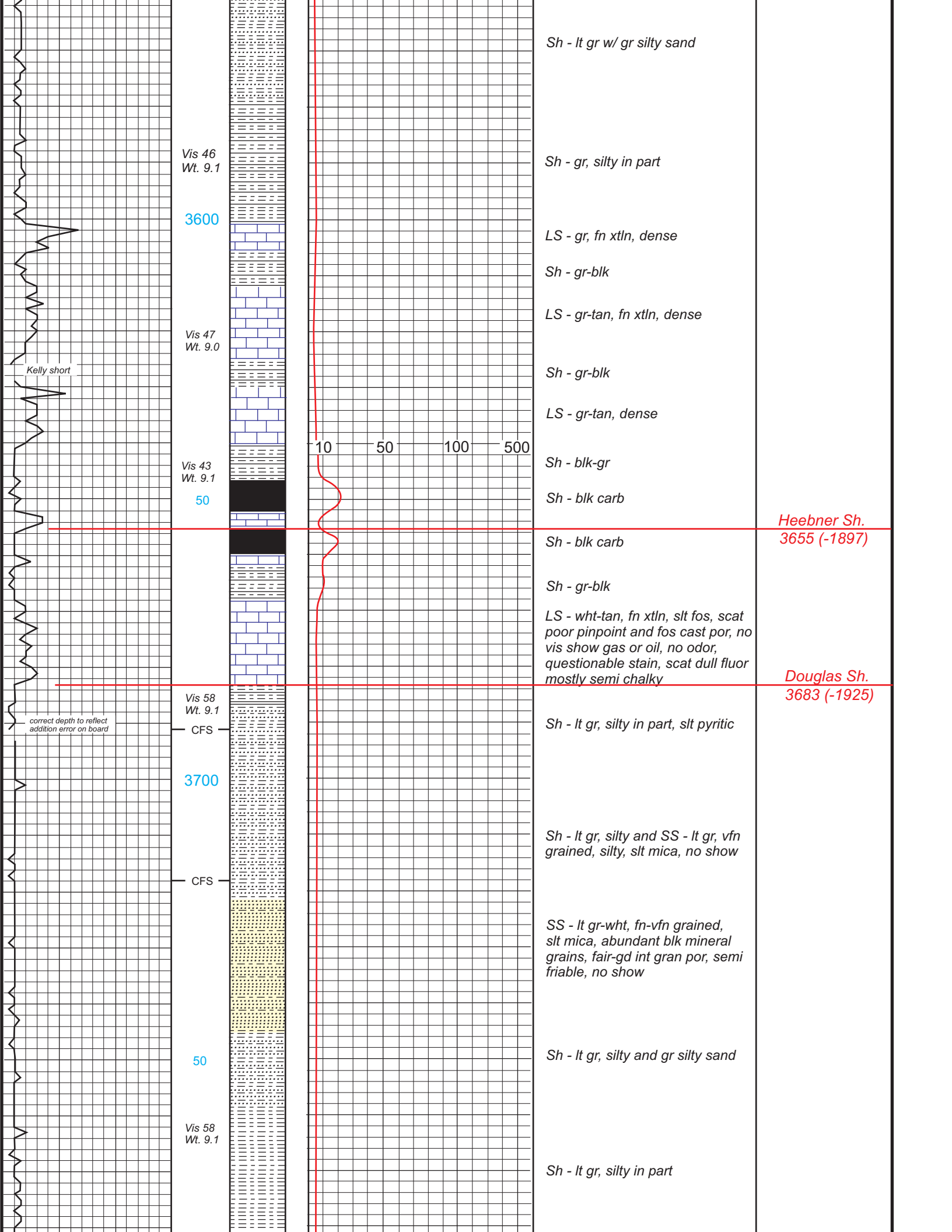
Vis 47
Wt. 8.8

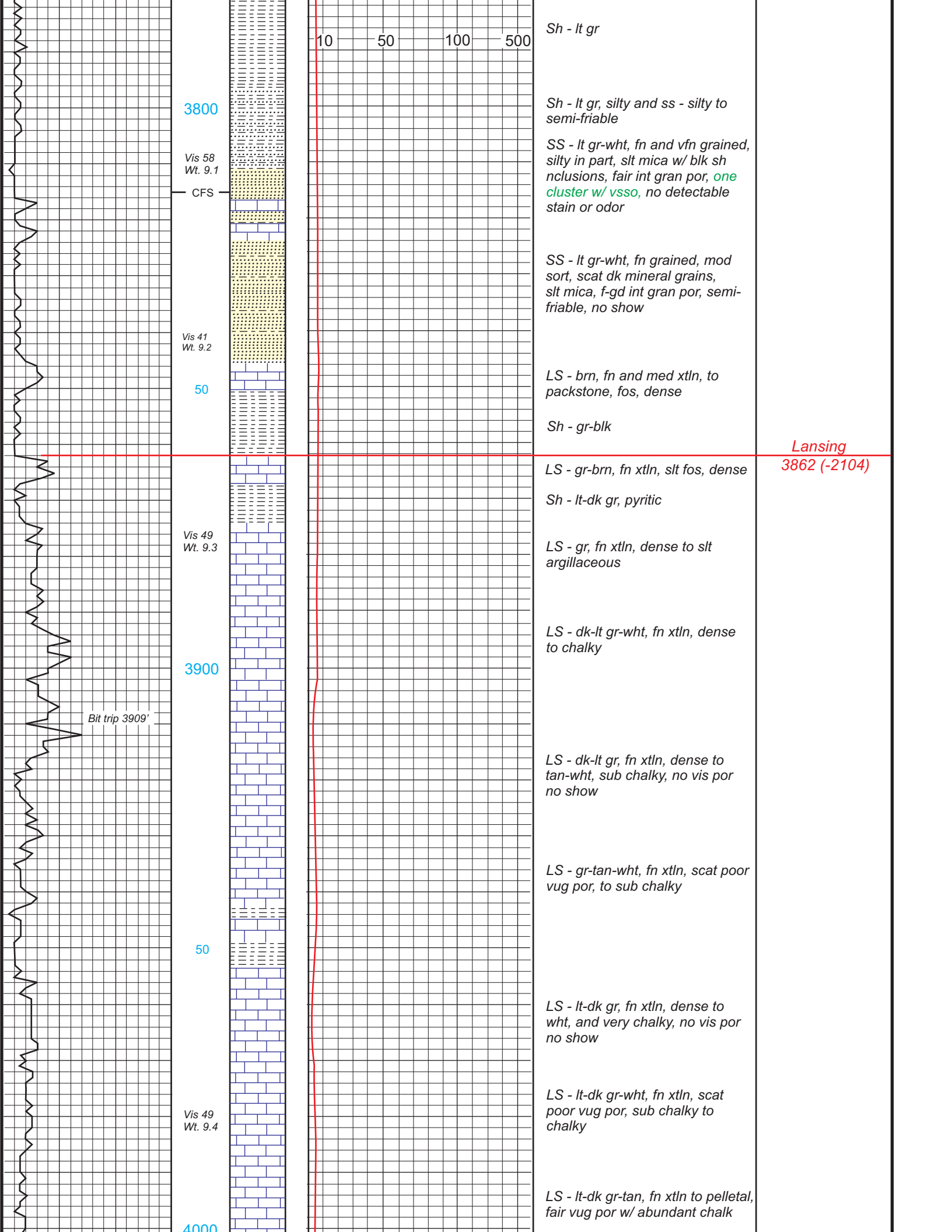
50

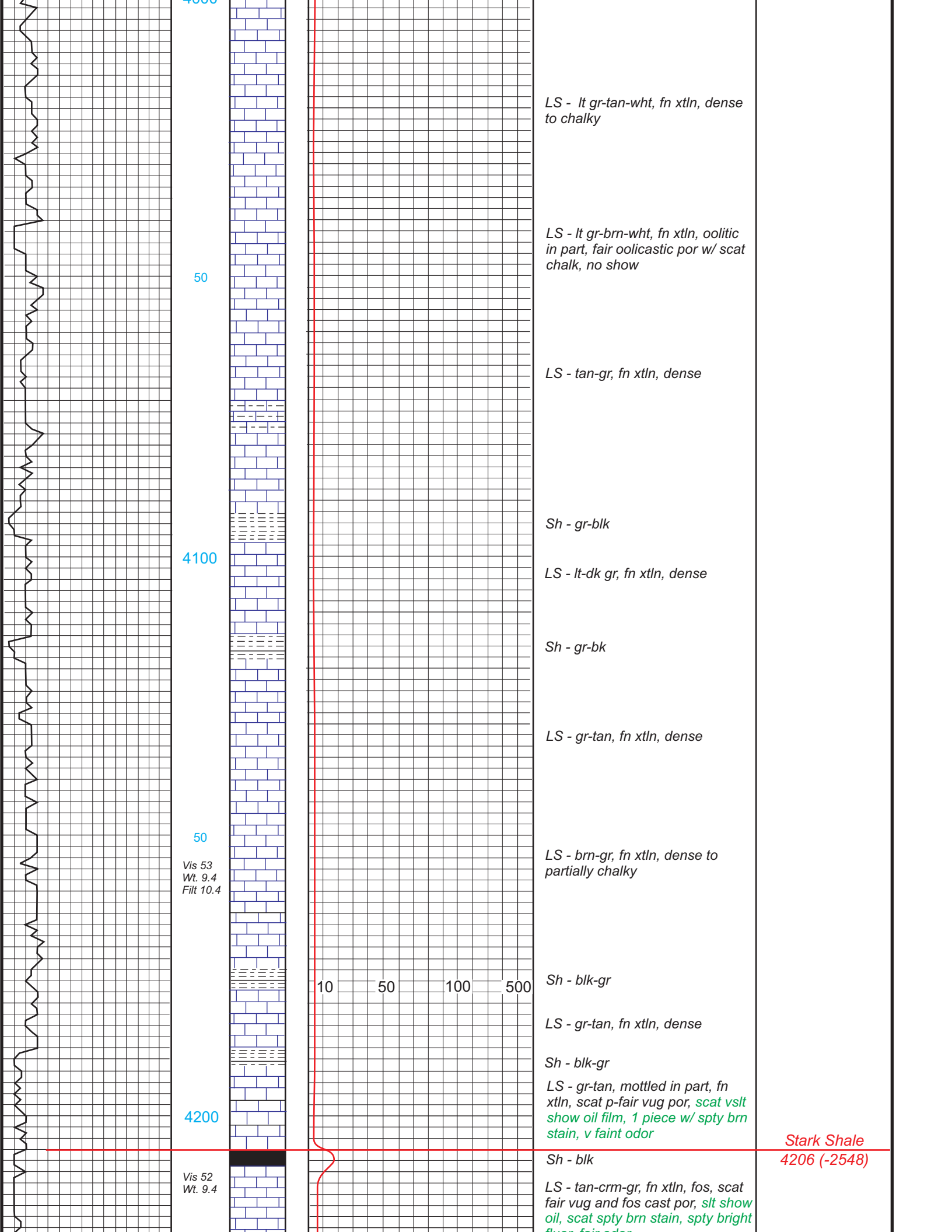
Vis 49
Wt. 8.9

3300









4000

LS - lt gr-tan-wht, fn xtln, dense to chalky

50

LS - lt gr-brn-wht, fn xtln, oolitic in part, fair oolitic por w/ scat chalk, no show

LS - tan-gr, fn xtln, dense

4100

Sh - gr-blk

LS - lt-dk gr, fn xtln, dense

Sh - gr-bk

LS - gr-tan, fn xtln, dense

50

Vis 53
Wt. 9.4
Filt 10.4

LS - brn-gr, fn xtln, dense to partially chalky

10 50 100 500

Sh - blk-gr

LS - gr-tan, fn xtln, dense

Sh - blk-gr

LS - gr-tan, mottled in part, fn xtln, scat p-fair vug por, *scat vslt show oil film, 1 piece w/ spty brn stain, v faint odor*

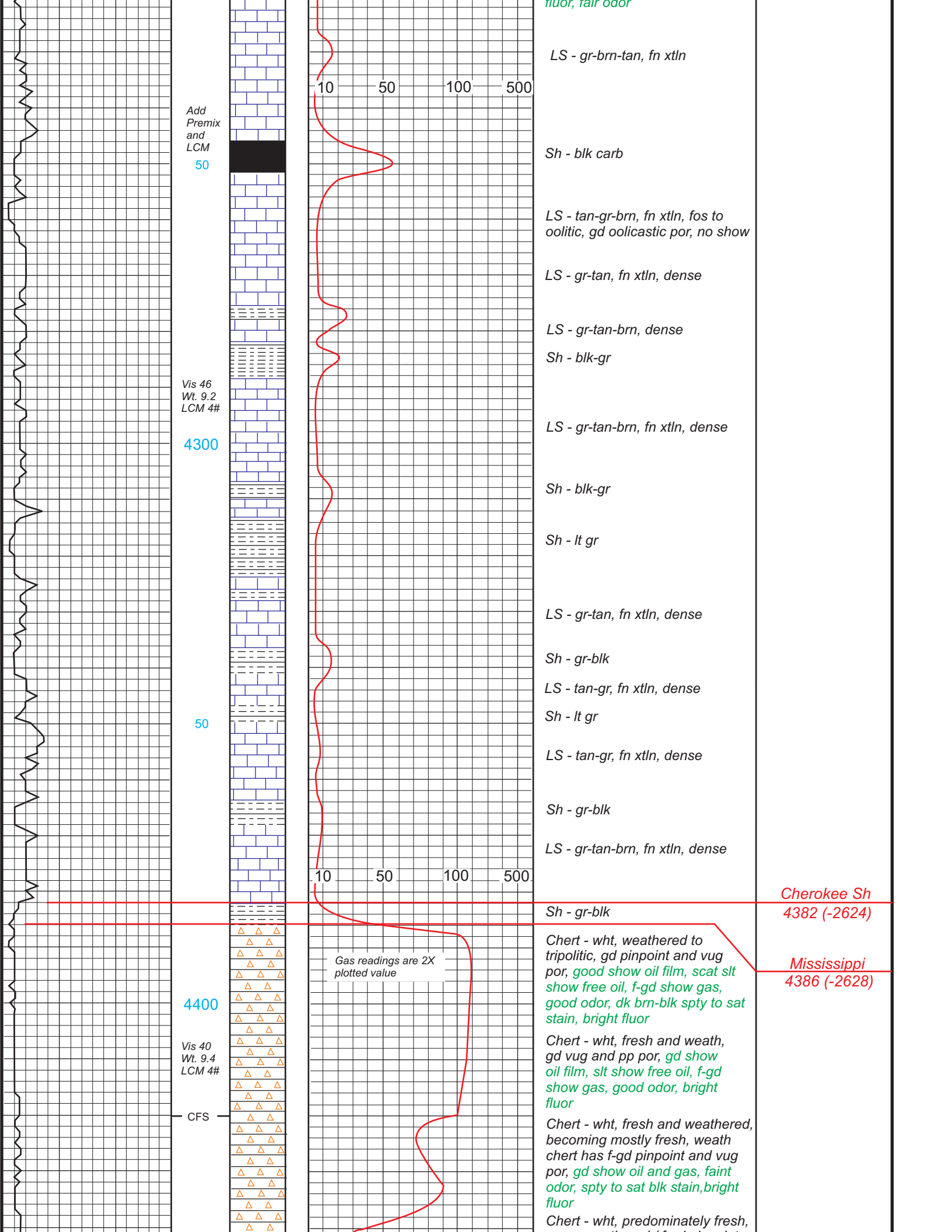
4200

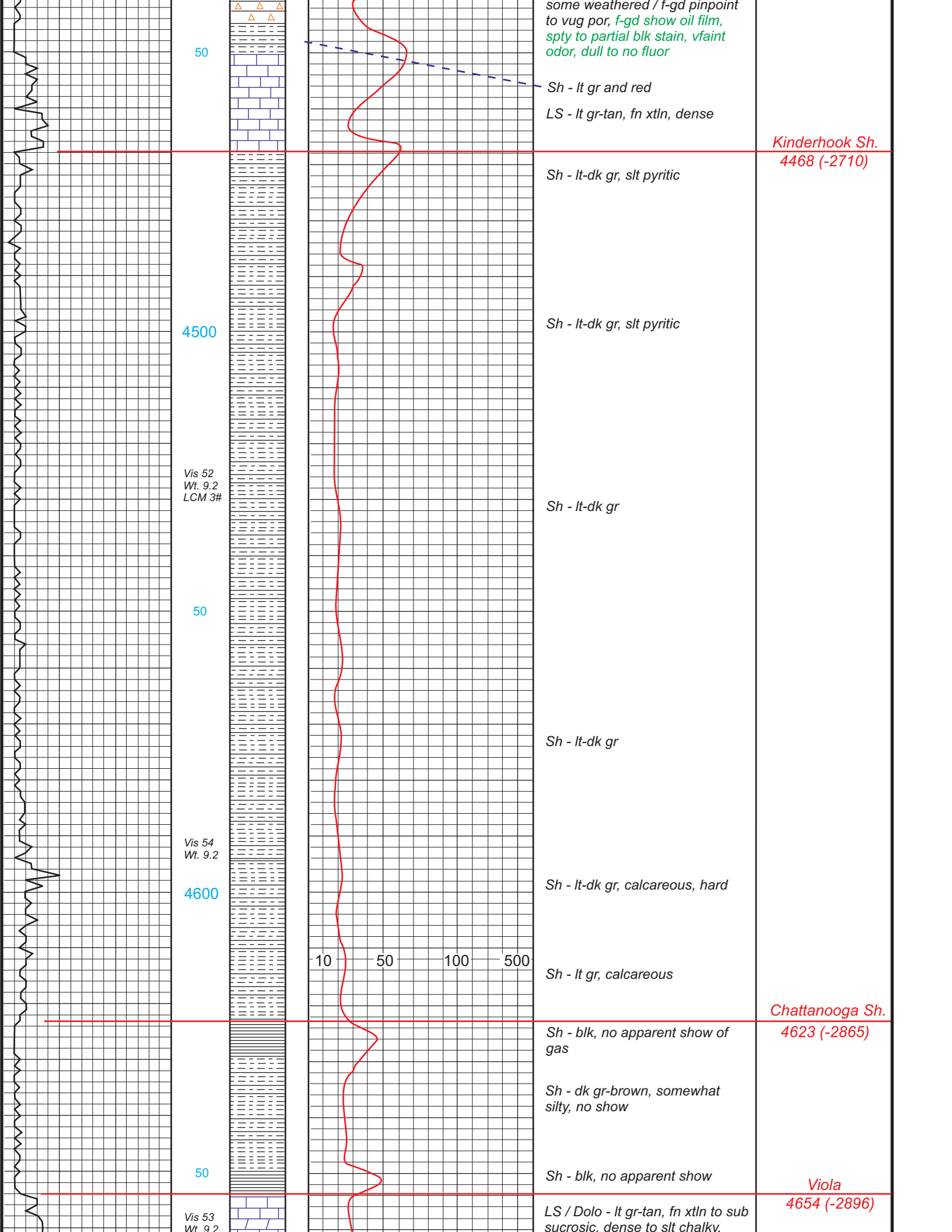
Stark Shale
4206 (-2548)

Vis 52
Wt. 9.4

Sh - blk

LS - tan-crm-gr, fn xtln, fos, scat fair vug and fos cast por, *slt show oil, scat spty brn stain, spty bright fluor. faint odor*





some weathered / f-gd pinpoint to vug por, f-gd show oil film, spty to partial blk stain, vfaint odor, dull to no fluor

50

Sh - lt gr and red
LS - lt gr-tan, fn xtl'n, dense

Kinderhook Sh.
4468 (-2710)

4500

Sh - lt-dk gr, slt pyritic

Sh - lt-dk gr, slt pyritic

Vis 52
Wt. 9.2
LCM 3#

Sh - lt-dk gr

50

Sh - lt-dk gr

Vis 54
Wt. 9.2

Sh - lt-dk gr, calcareous, hard

4600

Sh - lt gr, calcareous

Chattanooga Sh.
4623 (-2865)

Sh - blk, no apparent show of gas

Sh - dk gr-brown, somewhat silty, no show

50

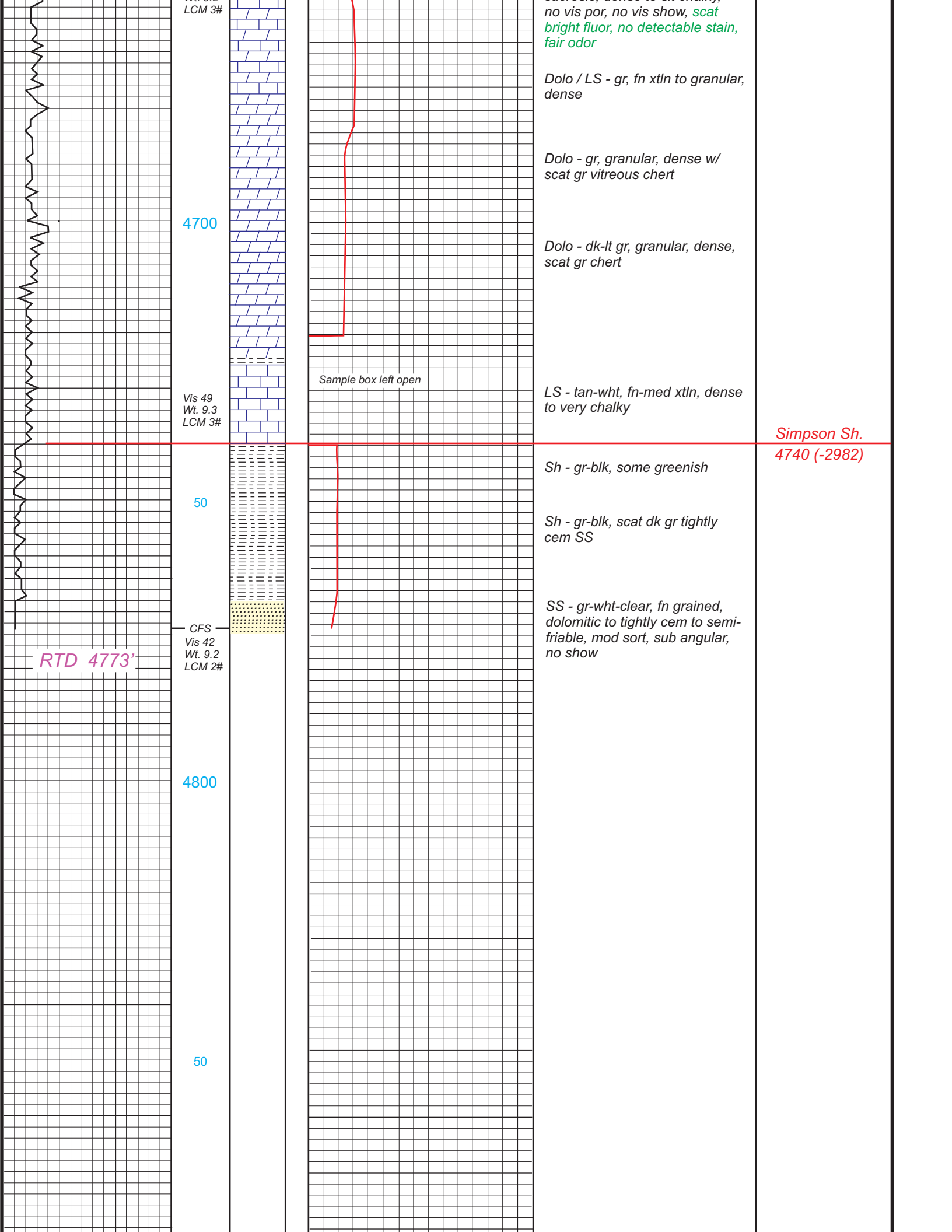
Sh - blk, no apparent show

Viola
4654 (-2896)

Vis 53
Wt. 9.2

LS / Dolo - lt gr-tan, fn xtl'n to sub sucrosic. dense to slt chalky.

10 50 100 500



LCM 3#

no vis por, no vis show, scat bright fluor, no detectable stain, fair odor

Dolo / LS - gr, fn xtltn to granular, dense

4700

Dolo - gr, granular, dense w/ scat gr vitreous chert

Dolo - dk-lt gr, granular, dense, scat gr chert

Sample box left open

Vis 49
Wt. 9.3
LCM 3#

LS - tan-wht, fn-med xtltn, dense to very chalky

Simpson Sh.
4740 (-2982)

50

Sh - gr-blk, some greenish

Sh - gr-blk, scat dk gr tightly cem SS

RTD 4773'

CFS
Vis 42
Wt. 9.2
LCM 2#

SS - gr-wht-clear, fn grained, dolomitic to tightly cem to semi-friable, mod sort, sub angular, no show

4800

50

