

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

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>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
Geologist Report / Mud Logs	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☐ New ☐ 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				

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)
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)

Date of first Production/Injection or Resumed Production/Injection:		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: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	R & B Oil & Gas, Inc.
Well Name	NEWMAN A1 SWD
Doc ID	1406780

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	12.25	8.625	23	252	Class A	225	3% CC, 2% Gel
Production	7.875	5.5	14	4970	AA-2	225	10% Salt, 5% Gypsum, 5# Gilsonite



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 16218 A

DATE _____ TICKET NO. _____

DATE OF JOB 12-31-17		DISTRICT Pratt		NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:	
CUSTOMER R+B Oil + gas INC		LEASE Newman A		WELL NO. 15	
ADDRESS		COUNTY BAIB		STATE KI	
CITY		STATE		SERVICE CREW Mattai, Grady, McGraw	
AUTHORIZED BY		JOB TYPE: 2-42 5 1/2 1013 SP			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
86279	1				
19860	2.5				
				TRUCK CALLED	12-30 AM PM 10:00
				ARRIVED AT JOB	AM PM 5:17
				START OPERATION	12-31-17 AM PM 1:11
				FINISH OPERATION	AM PM 2:15
				RELEASED	AM PM 3:00
				MILES FROM STATION TO WELL	35

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: X Tim Pierce
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 CMT	SA	225		3,825.00
CP 105	AA-2 CMT	SA	30		510.00
CC 102	celloflav	lb	65		240.50
CC 105	C-41P	lb	61		244.00
CC 111	SAIT	lb	1358		679.00
CC 129	KIA 322	lb	193		1,447.50
CC 201	Silsofine	lb	1282		858.94
CR 1051	CMT PACW 540 5 1/2	EA	1		2,800.00
CR 607	ATCH owl plug + baffles 5 1/2	EA	1		400.00
CR 1901	BASW 5 1/2	EA	1		290.00
CR 1651	Fullbul 20 5 1/2	EA	10		1,100.00
CC 151	Mud Fluff	SA	50		750.00
E100	P.W. mix	M	35		157.50
E101	Heavy eq mix	M	70		525.00
E113	PROP + bulk dol	FM	422		1,054.38
CE 205	depth chas. 4000-5000	4H	1		2,520.00
CE 240	blend + mix	SK	291		357.00
CE 500	Plug conf.	JOB	1		250.00
5003	Surf. v. 100	EA	1		175.00
C704	CLAY MAX	SAI	5		175.00
				SUB TOTAL	18,358.82

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		\$ 10,097.35

SERVICE REPRESENTATIVE Mike Mattai

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X Tim Pierce
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer R+B oil + GAS INC		Lease No.		Date 12-31-17	
Lease NEWMAA A		Well # 1 SWO			
Field Order # 16218	Station P1 ATF	Casing 5 1/2	Depth 5281	County BAIRD	State KS
Type Job Z-42 5 1/2 1049 string		Formation 5249 RPD		Legal Description 27-32S-11W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 225 AA-2		RATE	PRESS	ISIP
Depth 4969	Depth	From	To	Pre Pad 30 AA-2		Max		5 Min.
Volume 121.2	Volume	From	To	Pad		Min		10 Min.
Max Press 2100	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 4969.75	Packer Depth	From	To	Flush 120.4		Gas Volume		Total Load

Customer Representative Tim Pickle		Station Manager W. Storman		Treater MATTAL	
Service Units	8335 ?	78982	84869	19960	19860
Driver Names	MATTAL	G/AVI		MC G/AVI	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:15					ON location
9:15					Run 5 1/2 14" casing w. packer 540-
					Basin on #1 casing on 2579113162021
11:40					Casing on bottom
11:45					Hook to casing / Run out cable w. Rig
1:11	2,000				Set packer 540-
1:13	250		12	6	Pump 500 gallons mud flush
1:16	250		59	6	Mix 225 slt AA-2 cont
1:30			4	3	Wash pump + L20 / drop plug
1:32	150			7	Start displacement
1:43	350		75	7	Lift pressure
1:54			108		Out of water / Hook to Rig
1:58	1500		120		Plug down / released + held
2:10			7		Plug rat hole
					Circulation then Job
					Job complete
					Thank you!
					Mike Mattal
					Scott + Mike

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY	R & B Oil and Gas, Inc.		ELEVATIONS
LEASE	Newman 'A' #1 SWD 'OWWO'		KB 1522'
FIELD	Wildcat		DF
LOCATION	NW NW NW		GL 1517'
SEC	27	TWSP 32S RGE 11W	
COUNTY	Barber	STATE Kansas	
CONTRACTOR	WW Drilling Rig #2		Measurements Are All From Kelly Bushing
SPUD	12-27-2017	COMP 12-30-2017	
RTD	5279	LTD 5281	
MUD UP	4713	TYPE MUD Chemical	
SAMPLES SAVED FROM	4740	TO RTD	
DRILLING TIME KEPT FROM	4713	TO RTD	
SAMPLES EXAMINED FROM	4740	TO RTD	
GEOLOGICAL SUPERVISION FROM	0'	to RTD	
GEOLOGIST ON WELL	Tim Pierce		

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Onaga Sh.	2596 (-1074)	2592 (-1070)
Heebner Sh.	3594 (-2072)	3594 (-2072)
Lansing	3764 (-2242)	3757 (-2235)
Stark Sh.	4186 (-2664)	4185 (-2663)
Cherokee Sh.	4398 (-2876)	4401 (-2879)
Mississippi	4419 (-2897)	4427 (-2905)
Viola	4676 (-3154)	4674 (-3152)
Simpson	4749 (-3227)	4746 (-3224)
Arbuckle	4884 (-3362)	4886 (-3364)

CONDUCTOR

SURFACE 8-5/8" at 247'

PRODUCTION 5-1/2" @ 4970'
225 sx AAC

CASING

ELECTRICAL
SURVEYS

DIL/Dual Comp por
Pioneer Energy Svs

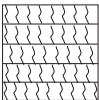
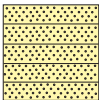
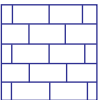
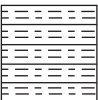
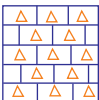
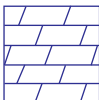
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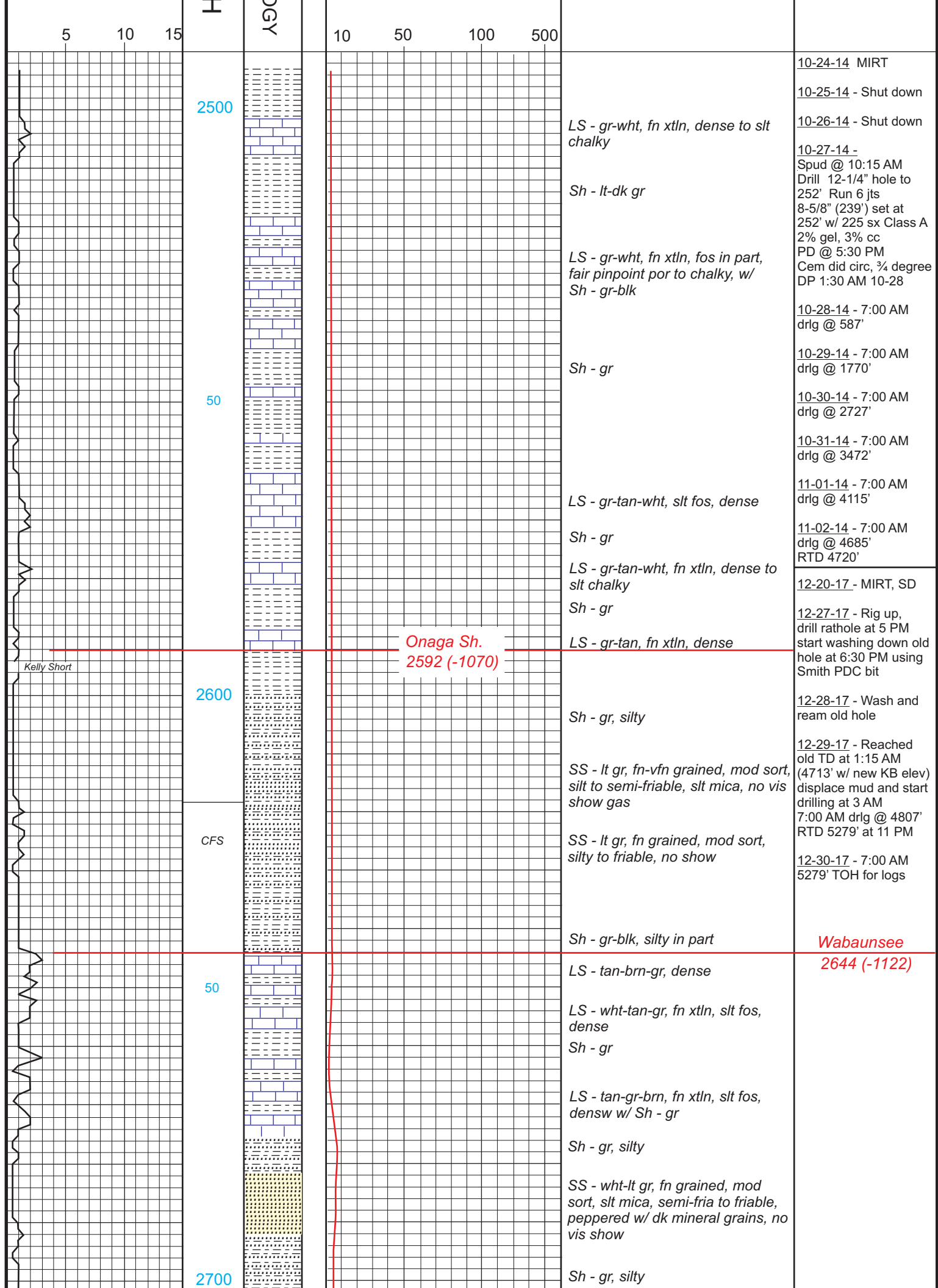
REMARKS The original well was drilled with a KB of 1527', and RTD of 4720' the workover KB is 1522' and the old RTD was reached at 4713'. Drill time and sample tops have been adjusted uphole 7' on this report to reflect the new elevation and TD.

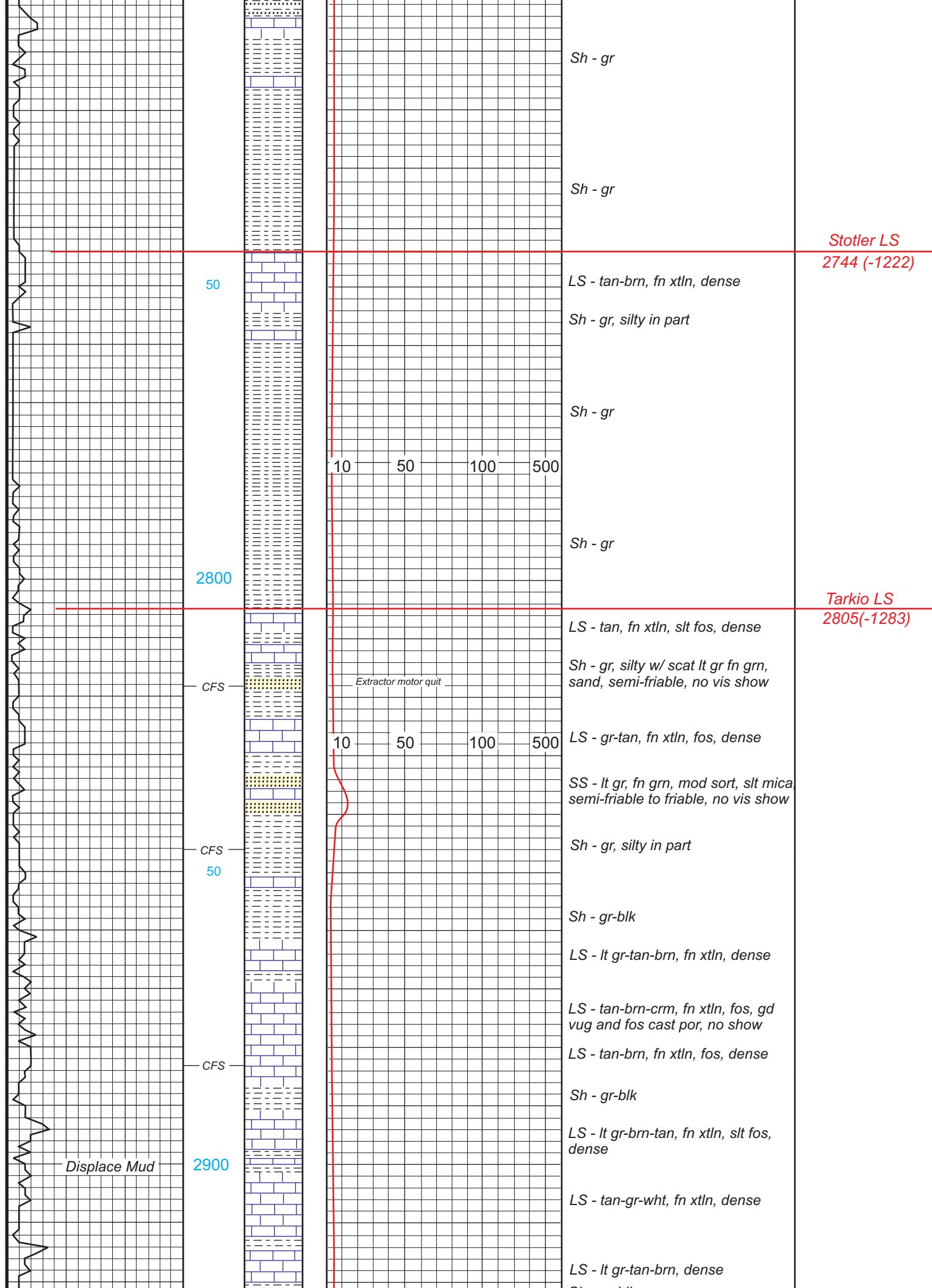
At 5260' the bit quit drilling, several attempts were made to get it to drill but were unsuccessful

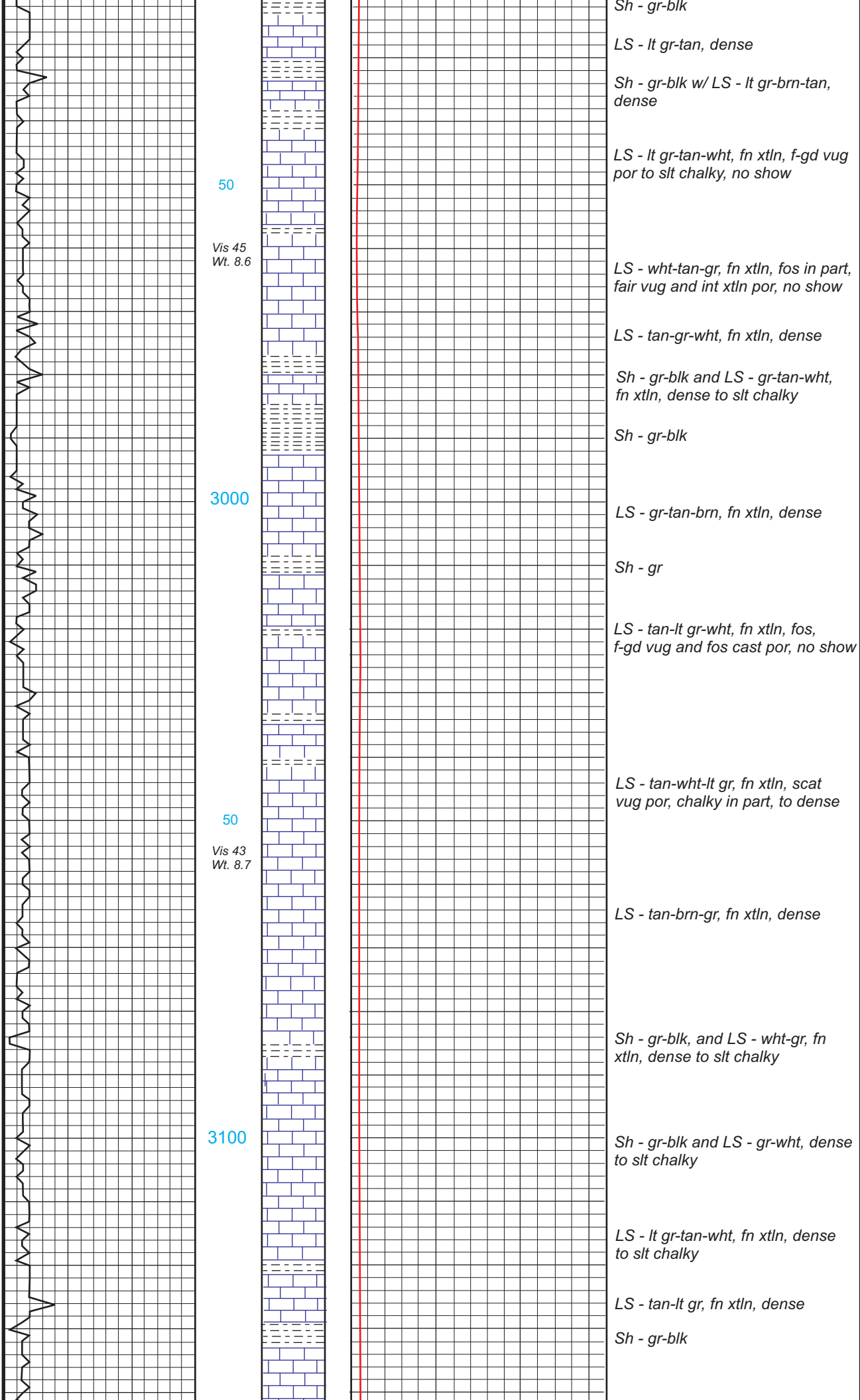
It was decided that enough of the Arbuckle had been drilled to make a good disposal well, and therefore it was decided to TD the well at 5279' with approx. 400 total feet of Arbuckle penetrated.

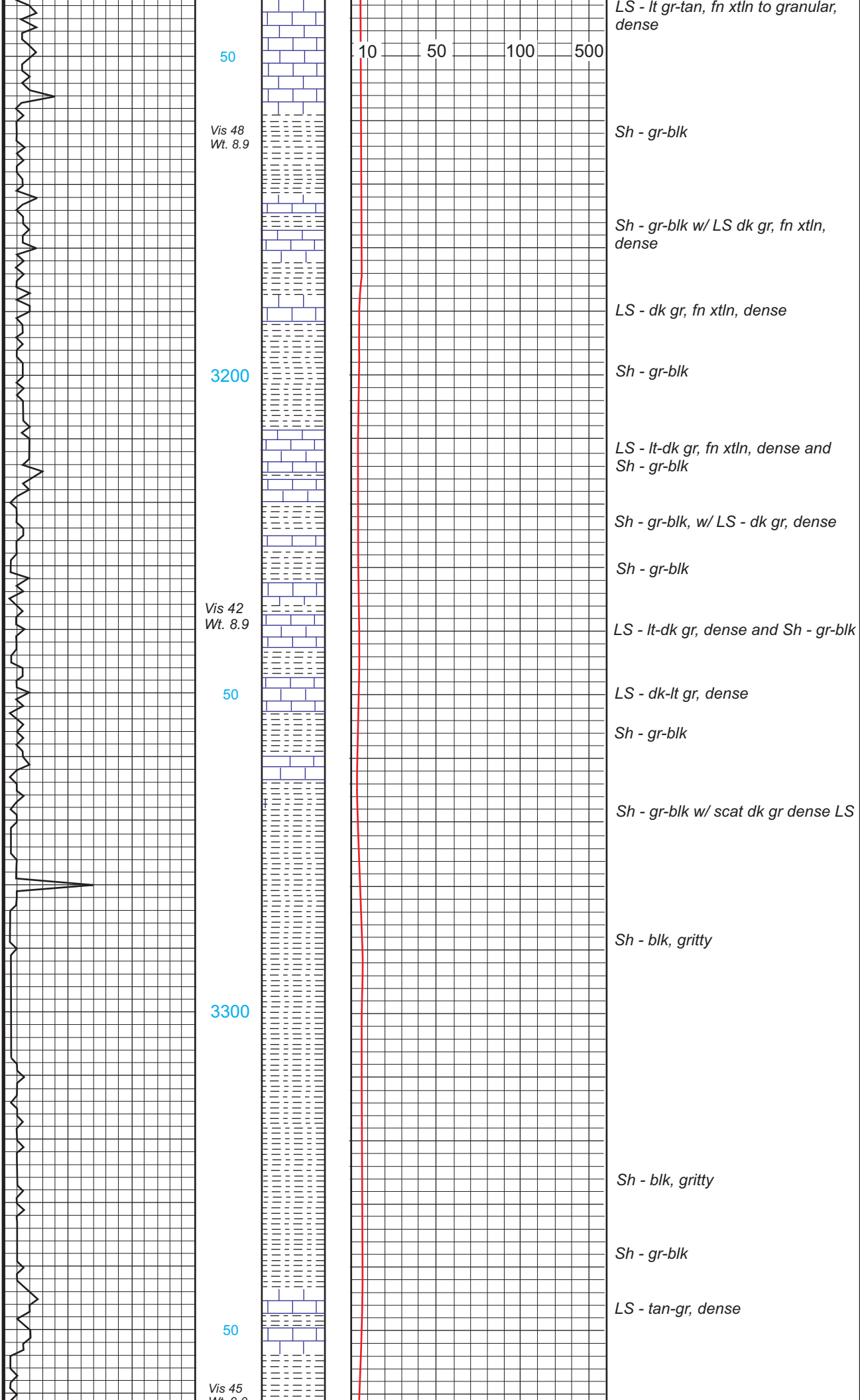
Timothy G. Pierce

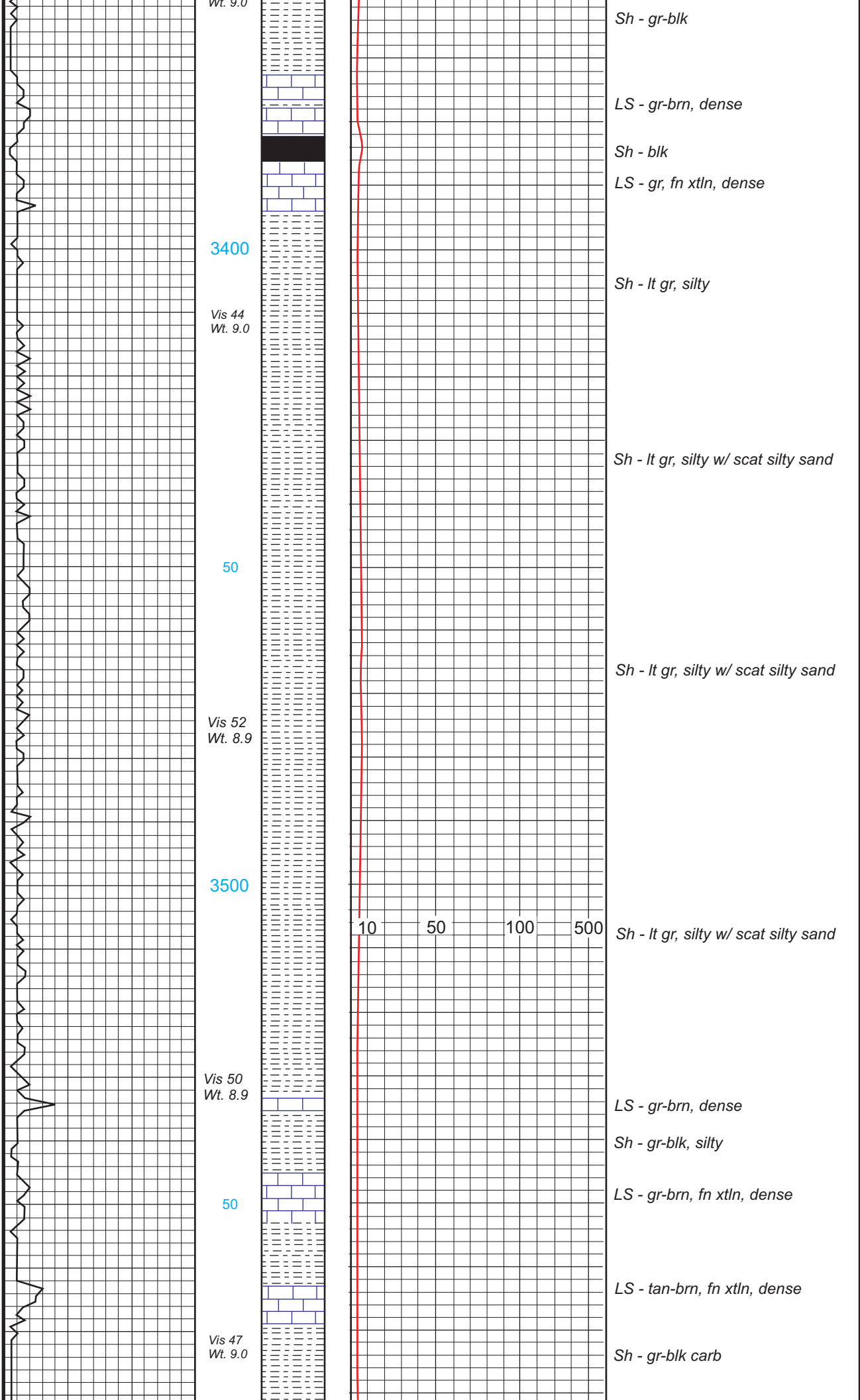
LEGEND			
			
Anhydrite	Sandstone	Limestone	Shale
			
Carb Sh	Cherty LS	Chert	Dolomite
GAS SCALE		SAMPLE DESCRIPTION	REMARKS
DEPT	LITHOLC		
DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases →			

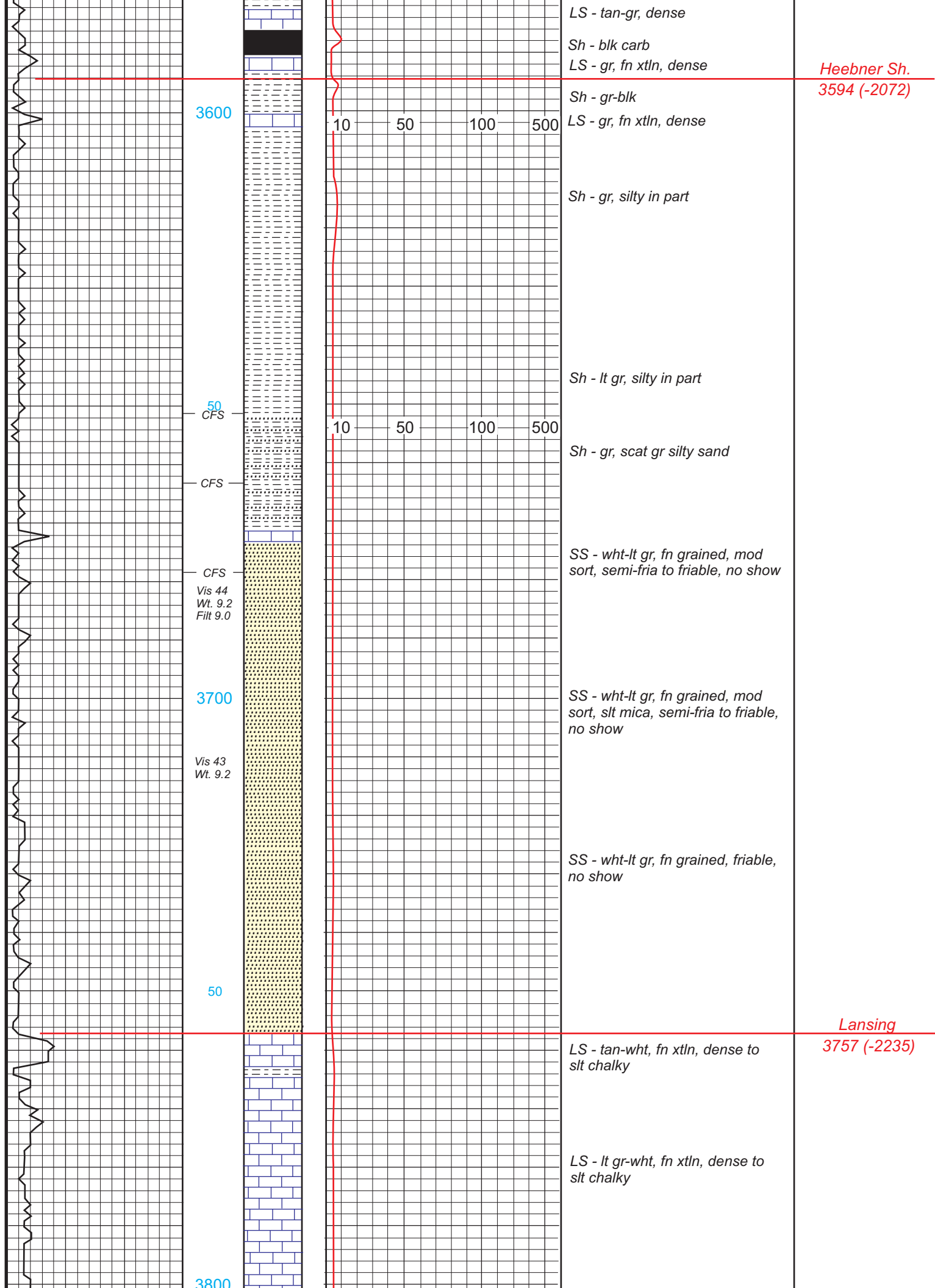


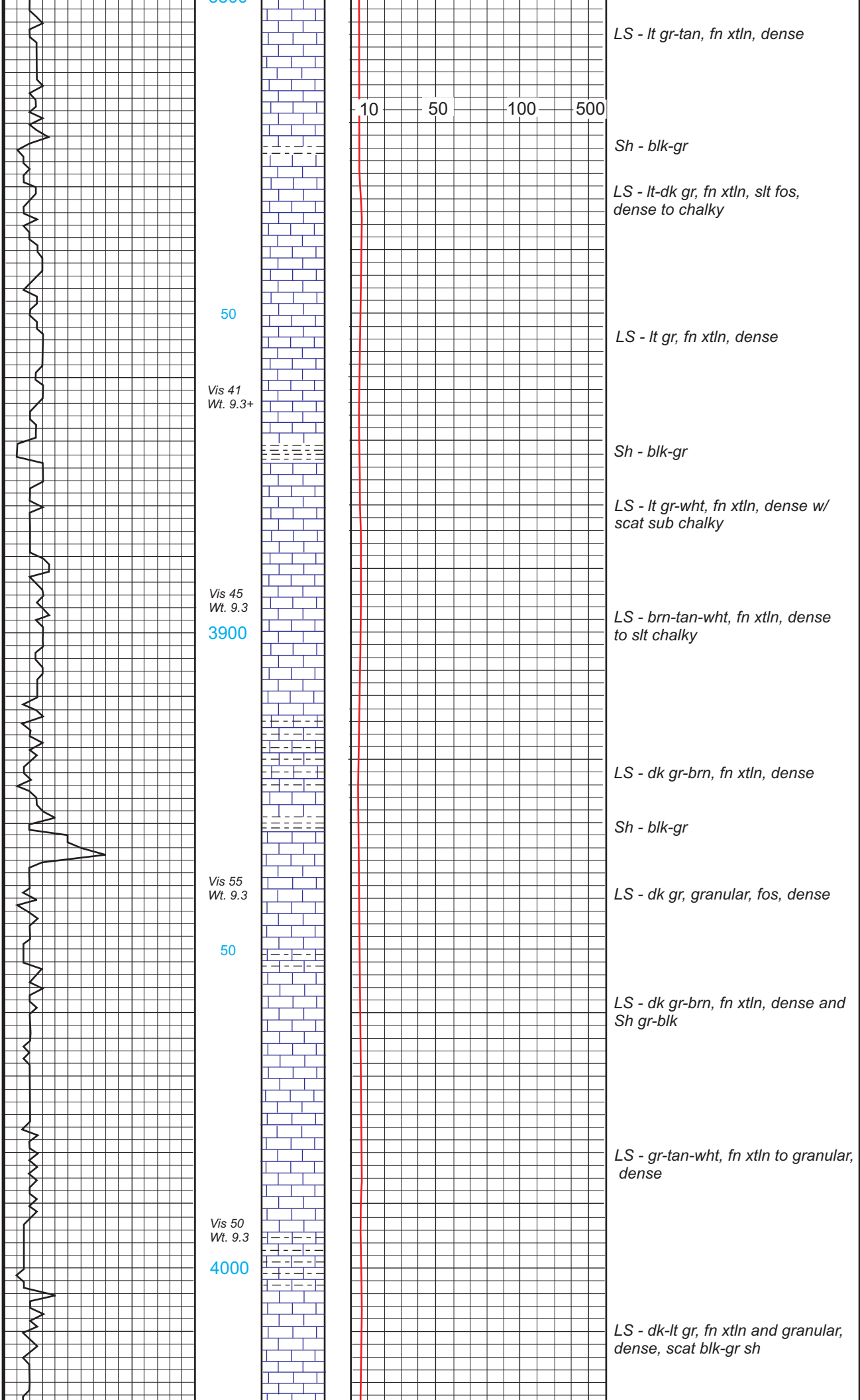


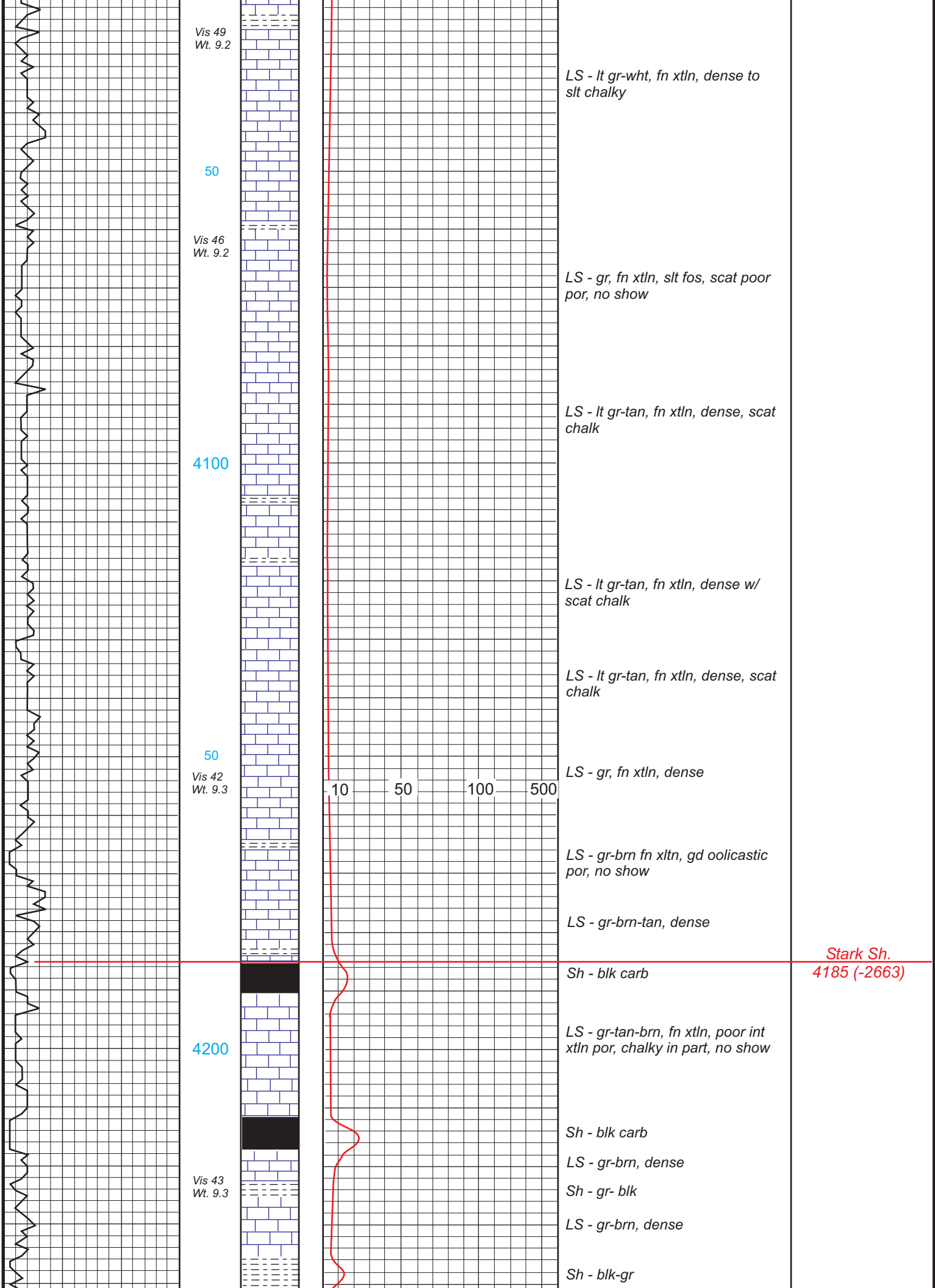


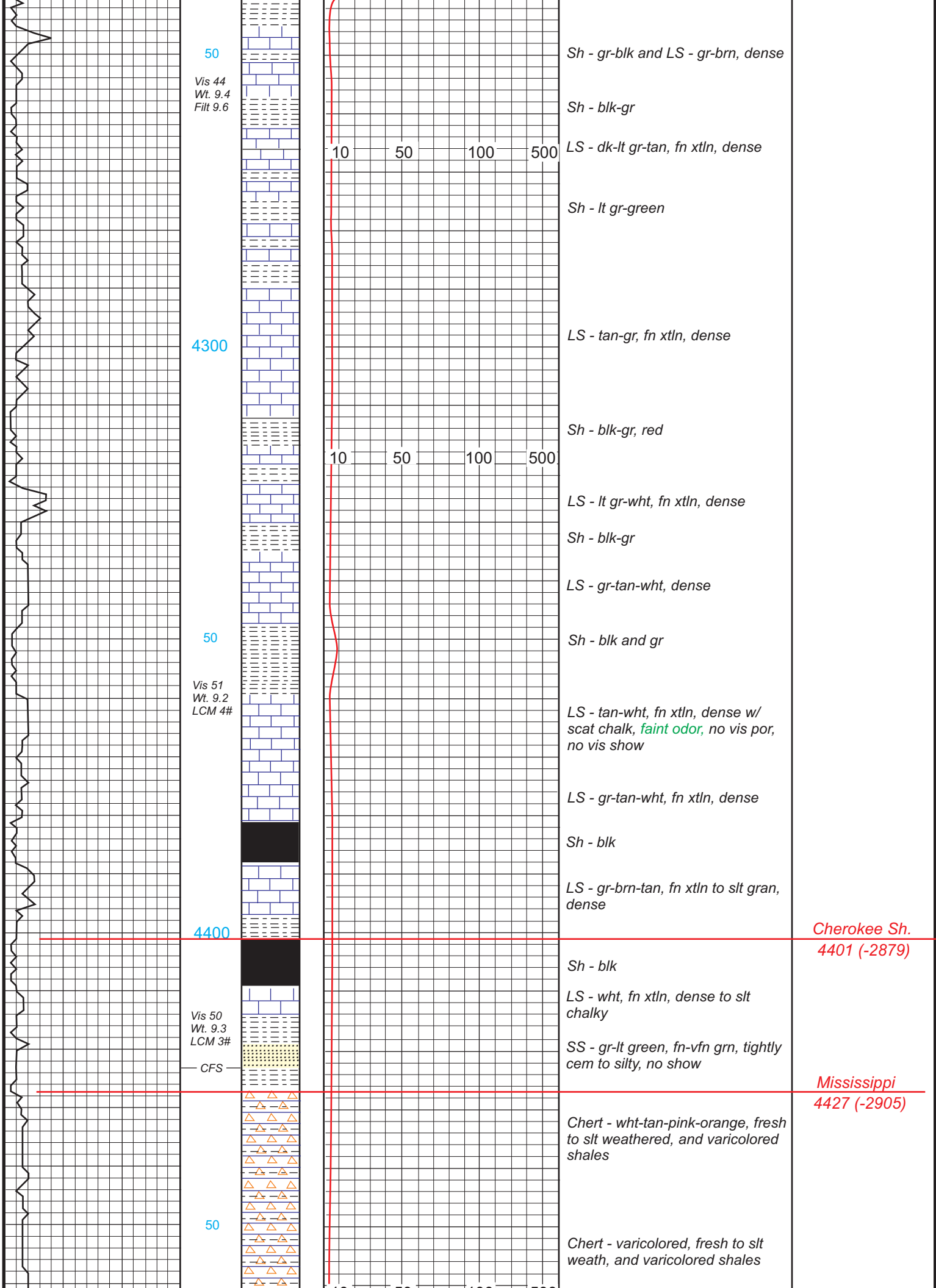


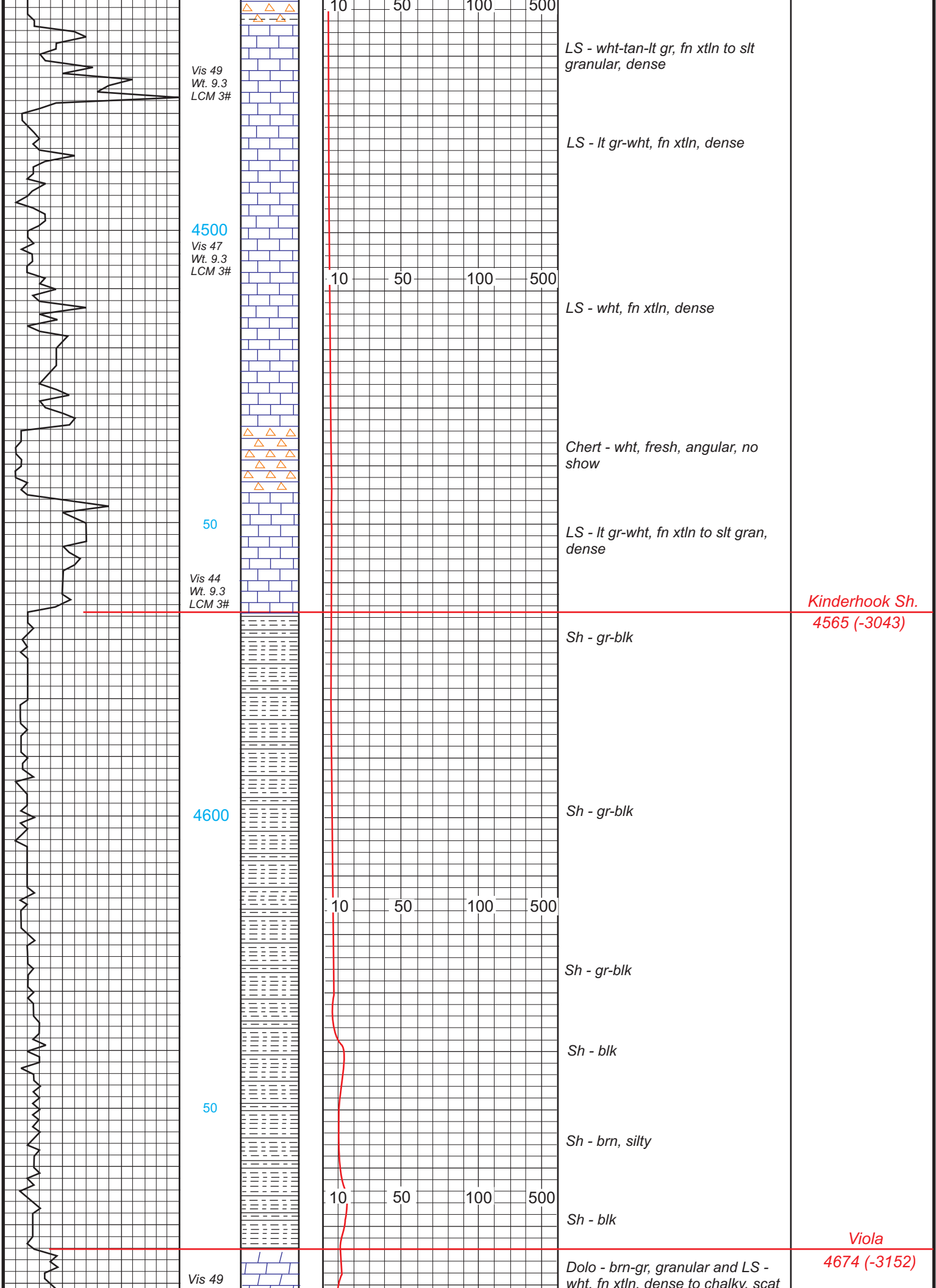


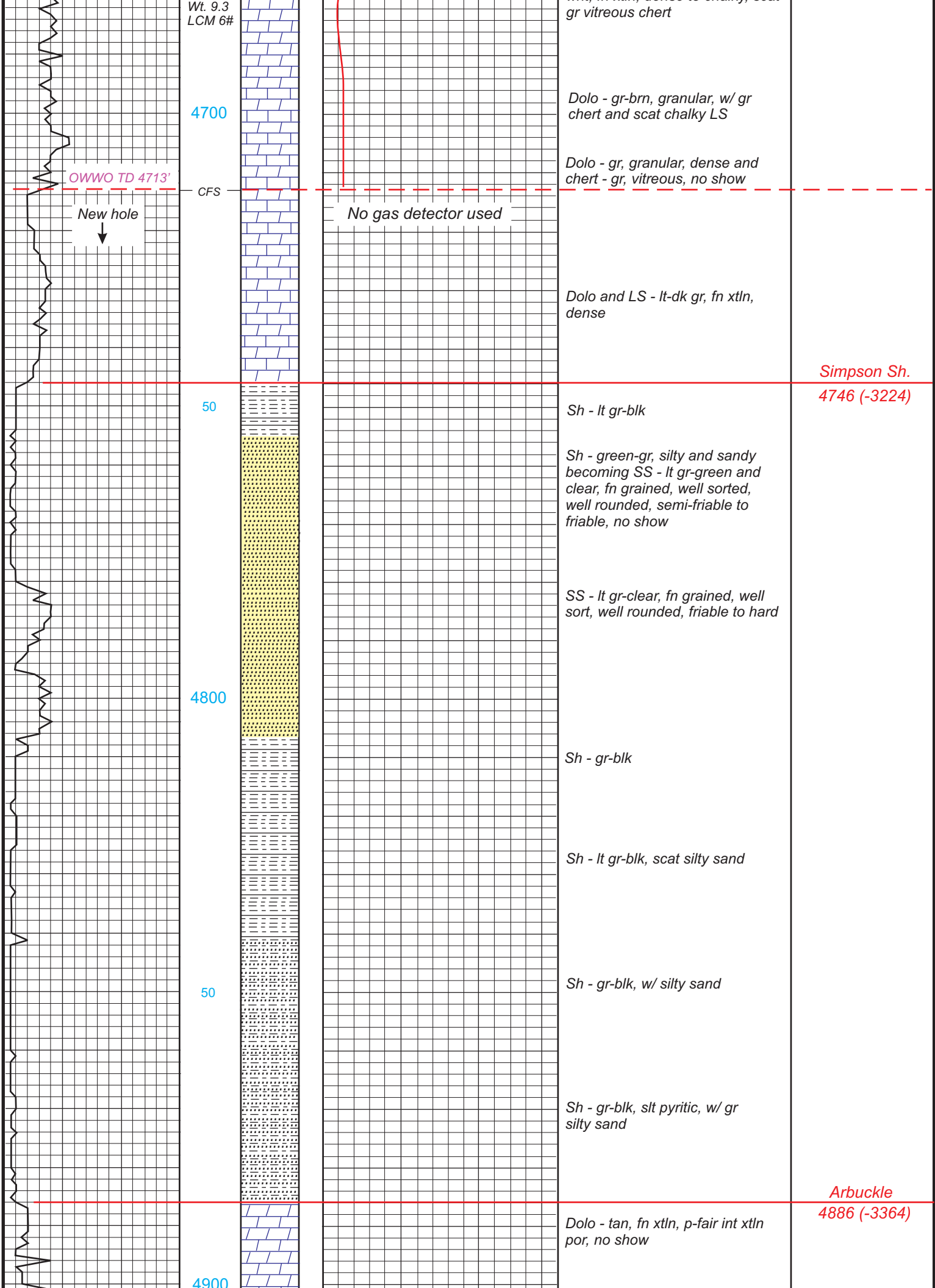


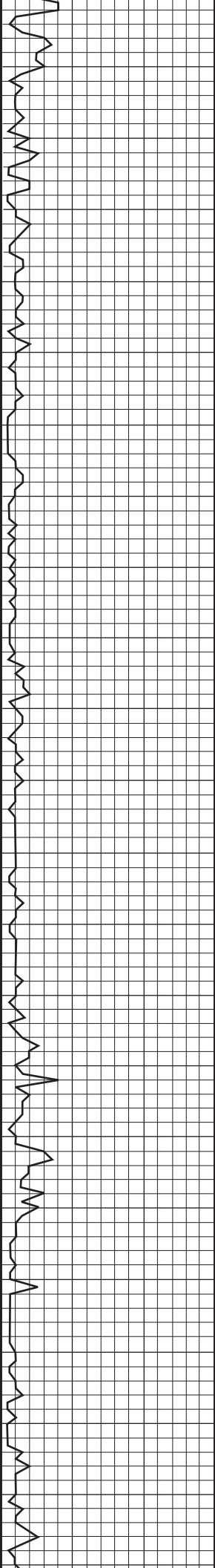












1000

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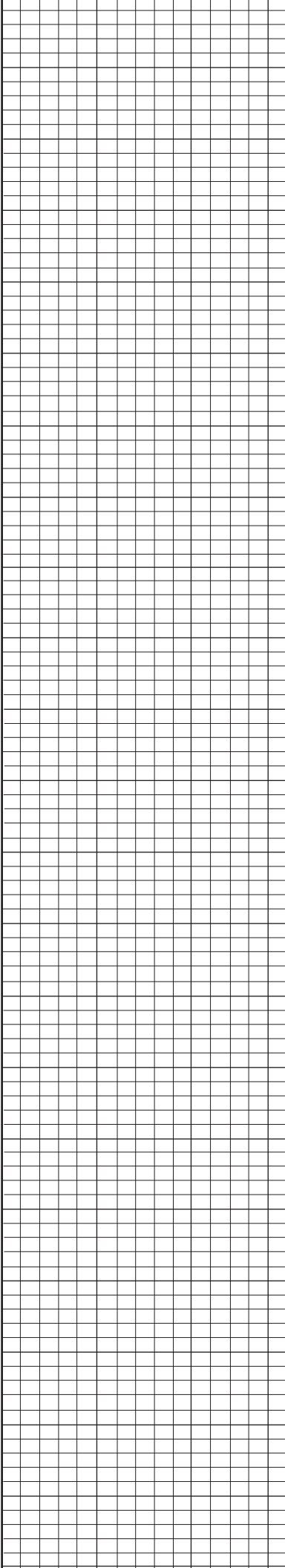
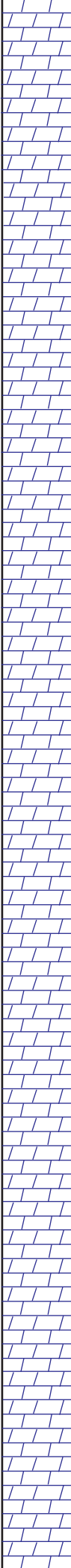
Vis 50
Wt. 8.9
LCM 7#

5000

50

5100

Vis 50
Wt. 8.8
LCM 6#



*Dolo - lt gr-tan-wht, fn xtln, poor
int xtln por*

*Dolo - lt gr-tan-wht, fn xtln, fair
vug and int xtln por*

*Dolo - tan-lt gr-wht, fn xtln, scat
fair vug por, fair int xtln por, scat
rextln calcite*

*Dolo - lt gr-wht, fn xtln, fair int
xtln por*

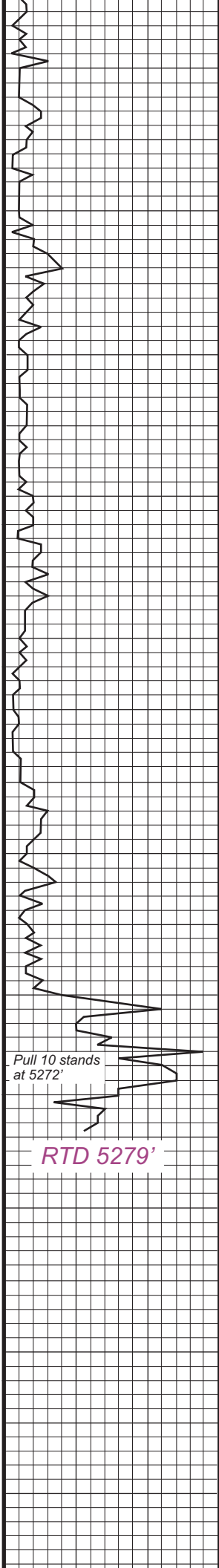
*Dolo, gr-tan-wht, fn-med xtln,
fair-gd vug and slt oolitic por,
gd int xtln por*

*Dolo - wht-gr, fn xtln, poor to fair
int xtln and vug por*

*Dolo - gr-tan-brn, fn xtln, dense to
good vug and int xtln por*

*Dolo - lt gr-tan-wht, fn-med xtln,
fair-gd vug and int xtln por*

*Dolo - brn-tan-wht, fn xtln, poor
to fair por*



50

Vis 50
Wt. 8.9
LCM 6#

5200

50

Pull 10 stands
at 5272'

Vis 65
Wt. 9.0
LCM 6#

RTD 5279'

5300

Dolo - tan-lt gr-wht, fn xtln, some
med xtln, fair vug to int xtln por

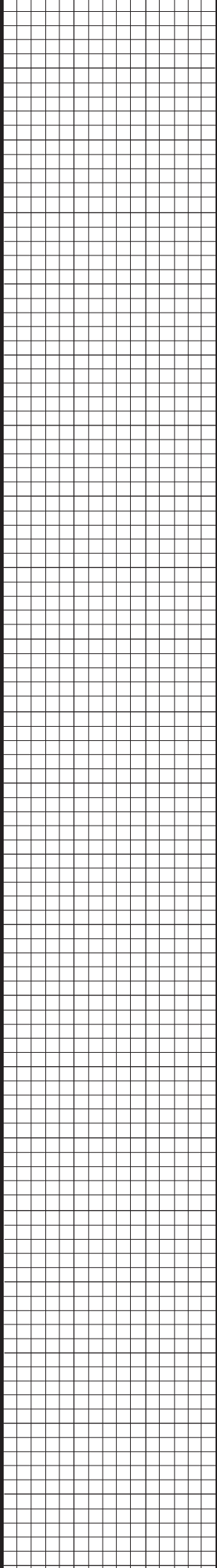
Dolo - gr-tan-wht, fn xtln, poor to
fair int xtln por

Dolo - lt gr-wht, fn and mec xtln,
fair-gd vug and int xtln por

Dolo - gr-tan, fn xtln, scat fair int
xtln por to tight

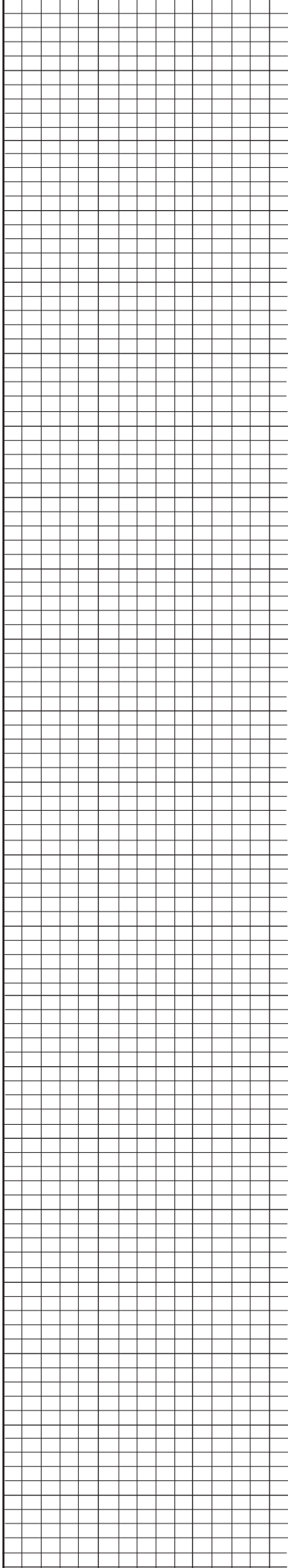
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xtln, fair int xtln por

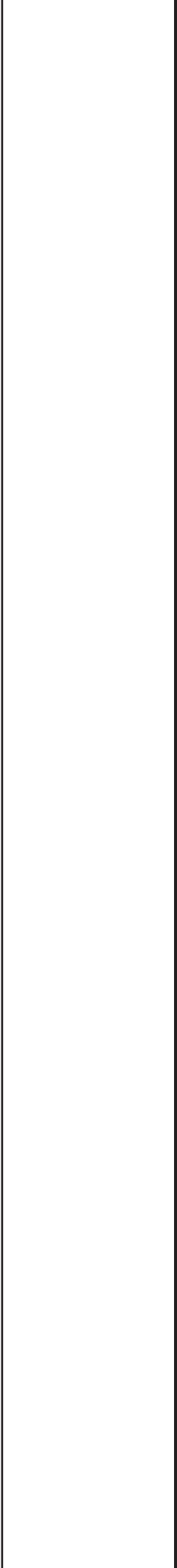
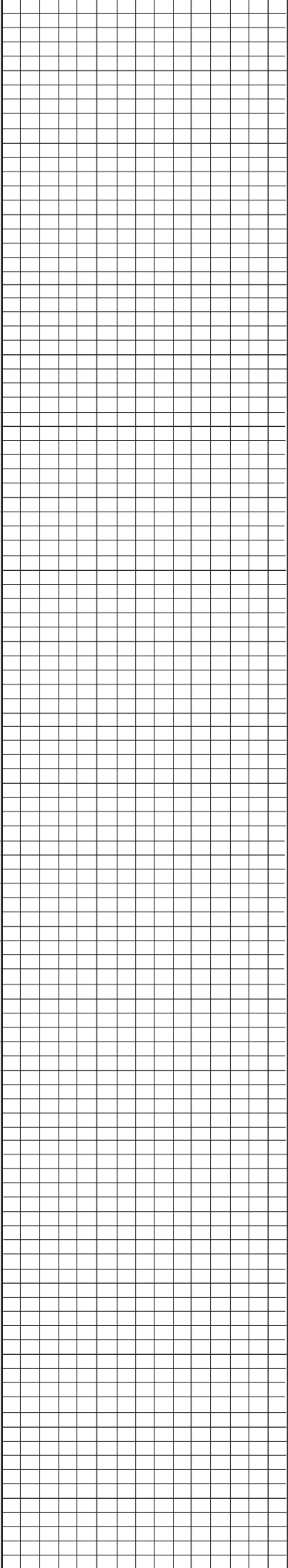
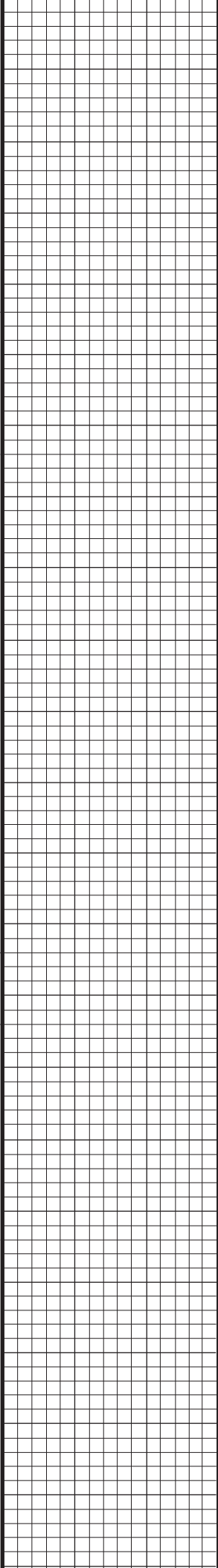
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vug and int xtln por

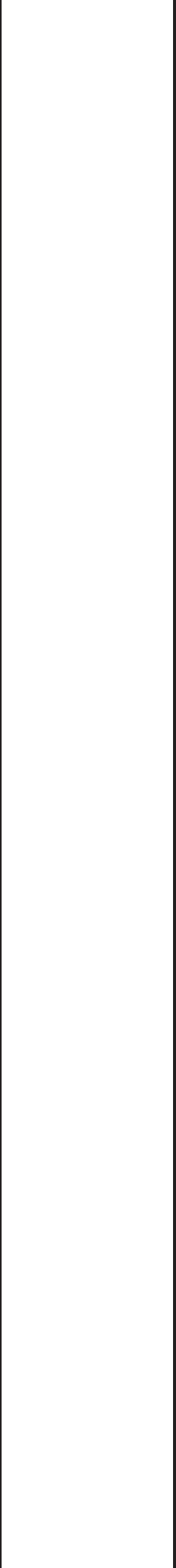
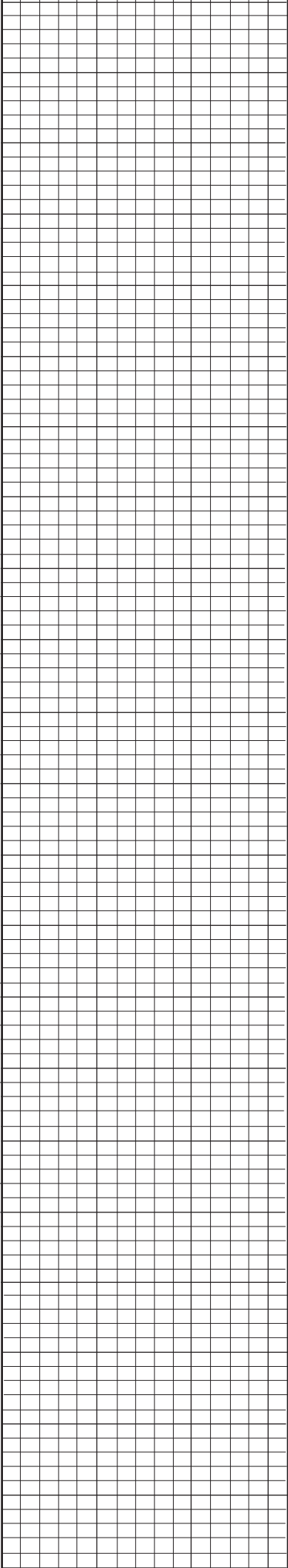
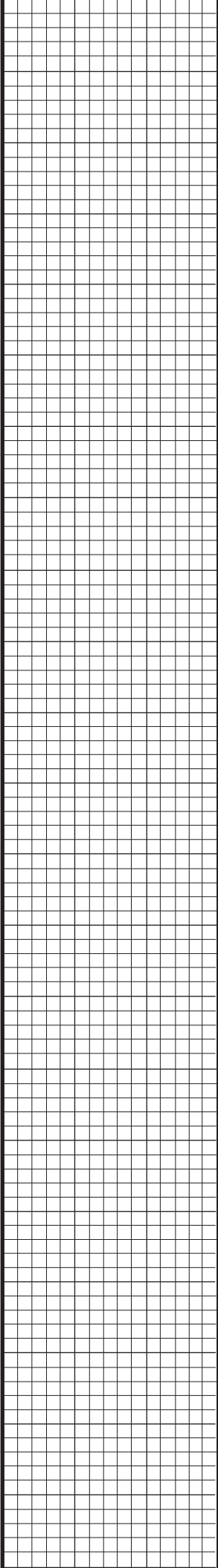


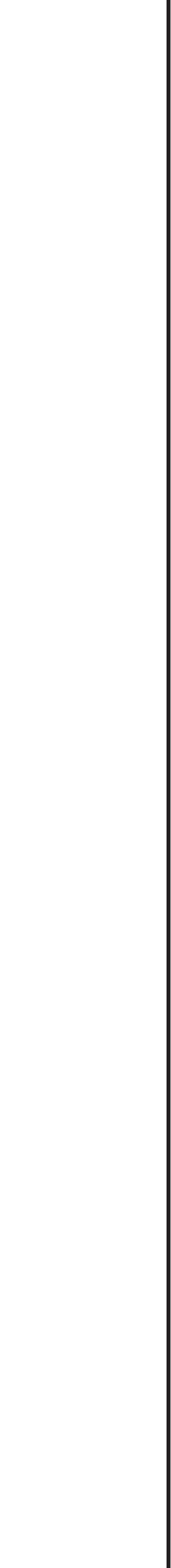
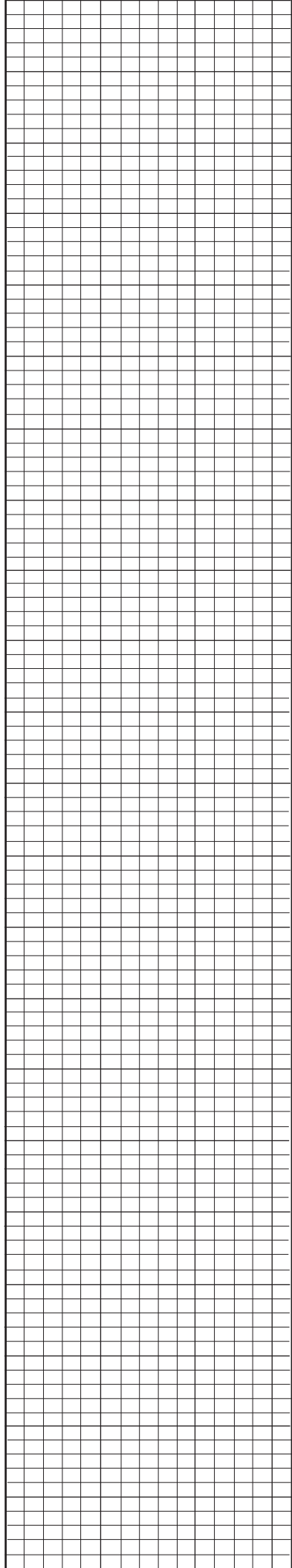
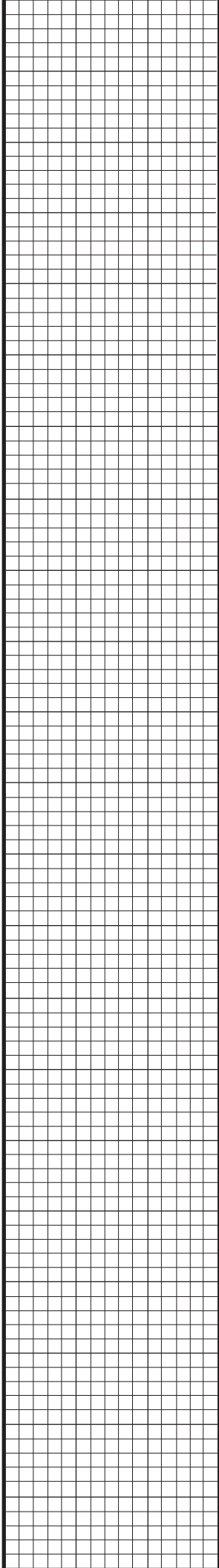
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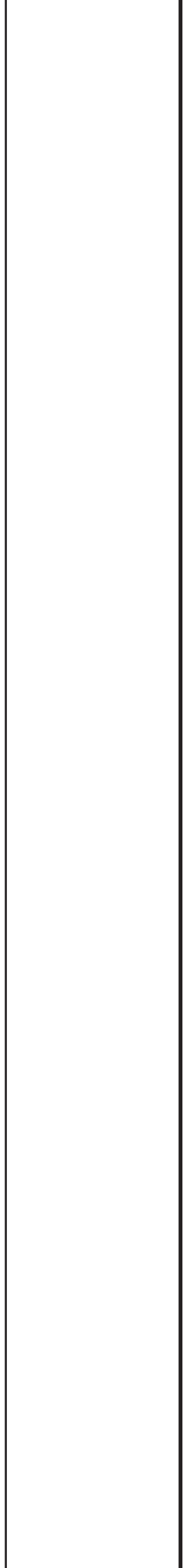
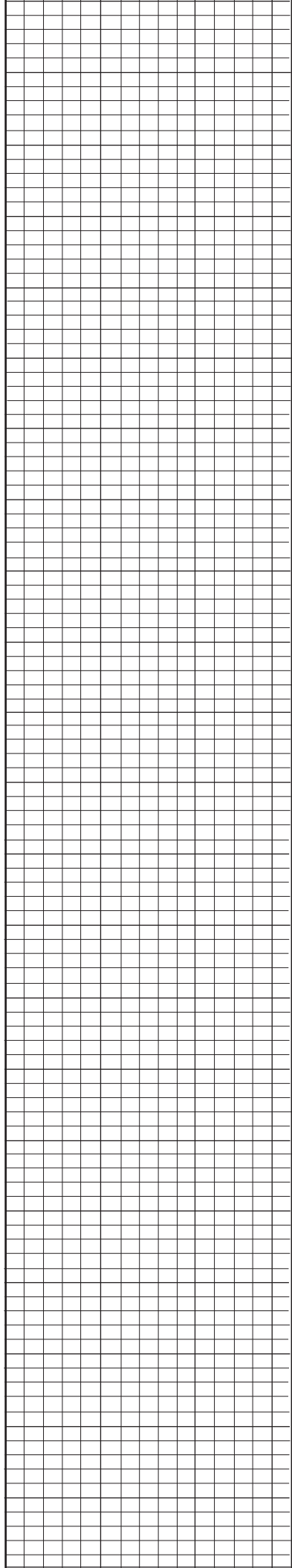
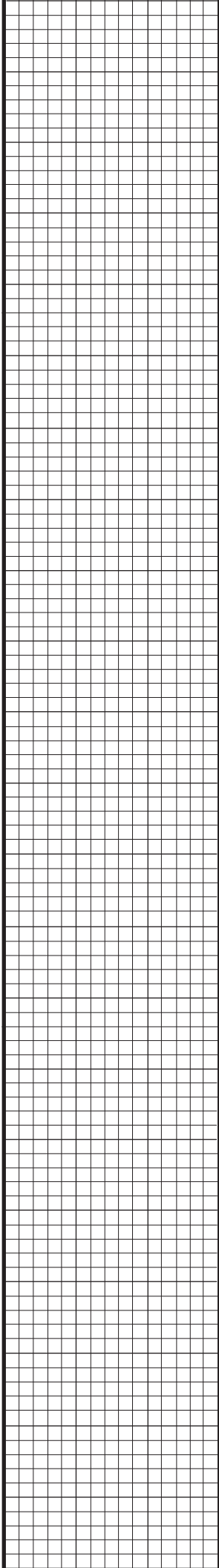
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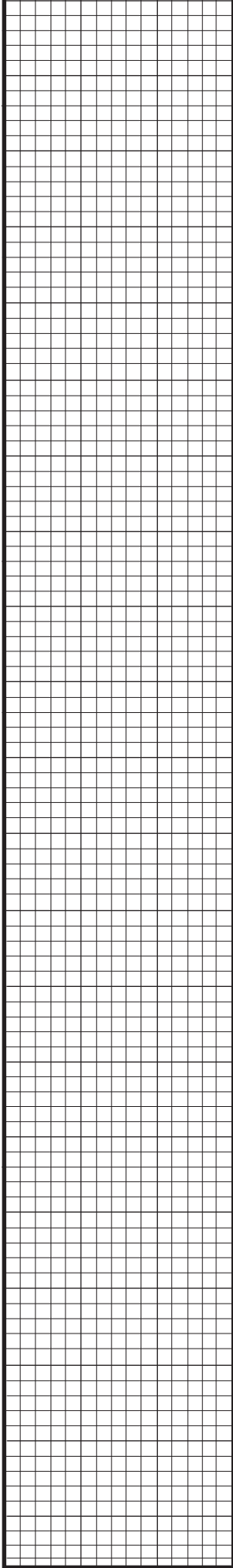
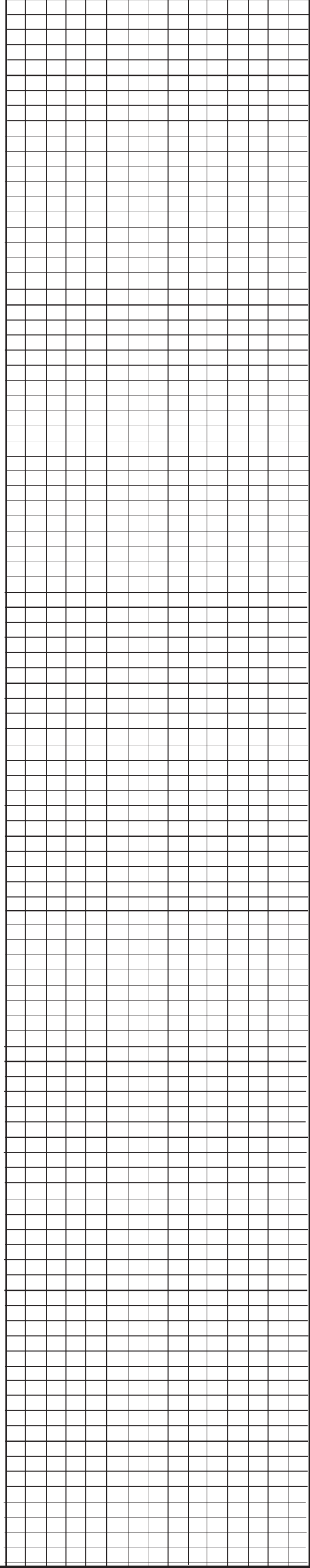










					
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