



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



1087527

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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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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# Timothy G. Pierce

## Petroleum Geologist

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

COMPANY R & B Oil and Gas, Inc.

ELEVATIONS

LEASE Bock 'B' #1

KB 1707'

FIELD Wildcat

DF \_\_\_\_\_

LOCATION NE SW

SEC 34 TWSP 26S RGE 9W

GL 1697'

COUNTY Reno STATE Kansas

Measurements Are All  
From Kelly Bushing

CONTRACTOR Hardt Drilling Rig #1

CASING

SPUD 4-04-2012 COMP 4-10-2012

CONDUCTOR \_\_\_\_\_  
SURFACE 8-5/8" at 255'

RTD 4213 LTD 4214

PRODUCTION None

MUD UP 2900 TYPE MUD Chemical

ELECTRICAL SURVEYS

SAMPLES SAVED FROM 3300 TO RTD  
 DRILLING TIME KEPT FROM 2000 TO RTD  
 SAMPLES EXAMINED FROM 2280 TO RTD  
 GEOLOGICAL SUPERVISION FROM 2248 TO RTD  
 GEOLOGIST ON WELL Tim Pierce

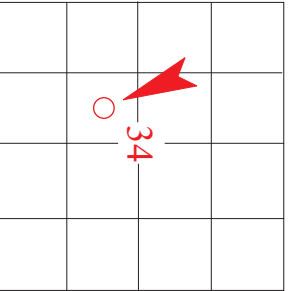
DIL / CN-CD  
Log-Tech

FORMATION TOPS

ELECTRIC LOG

SAMPLE

Onaga Sh.	2262 (-555)	2257 (-550)
Wabunsee	2307 (-600)	2303 (-596)
Heebner Sh.	3230 (-1523)	3226 (-1519)
Lansing	3417 (-1710)	3413 (-1706)
Stark Sh.	3702 (-1995)	3699 (-1992)
Cherokee Sh.	3920 (-2213)	3916 (-2209)
Mississippi	3950 (-2243)	3941 (-2234)
Viola	NA	4207 (-2500)



API # 15-155-21,586

REMARKS DST's covering the Mississippi and Viola were run with negative results.  
Electric logs indicate a possible gas zone in the Indian Cave SS at 2275'-2280', no sample show was observed and the gas detector was not operational at the time the zone was drilled.  
A slight sample show was noted in the Kansas City 'C' zone which was deemed not worthy of testing, electric logs indicate a tight zone of poor reservoir quality, most likely non-commercial.  
No other zones of interest were indicated by samples or electric logs, therefore the Bock 'B' #1 was plugged and abandoned as a dry hole on 4-10-2012

Timothy G. Pierce

### LEGEND

Anhydrite	Sandstone	Limestone	Shale	Carb Sh	Cherty LS	Chert	Dolomite

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 	DEPT	LITHOLG	GAS SCALE	SAMPLE DESCRIPTION	REMARKS
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5 10 15

10 100 500

2000

50

2100

50

2200

Gas Detector not working

4-04-12 MIRT  
Spud @ 12 PM  
Set 6 jts (242') of 8-5/8"  
X 23# @ 255'  
w/ 225 sx 60/40 Poz,  
2% gel 3% cc  
PD @ 6:30 PM  
cement did circ

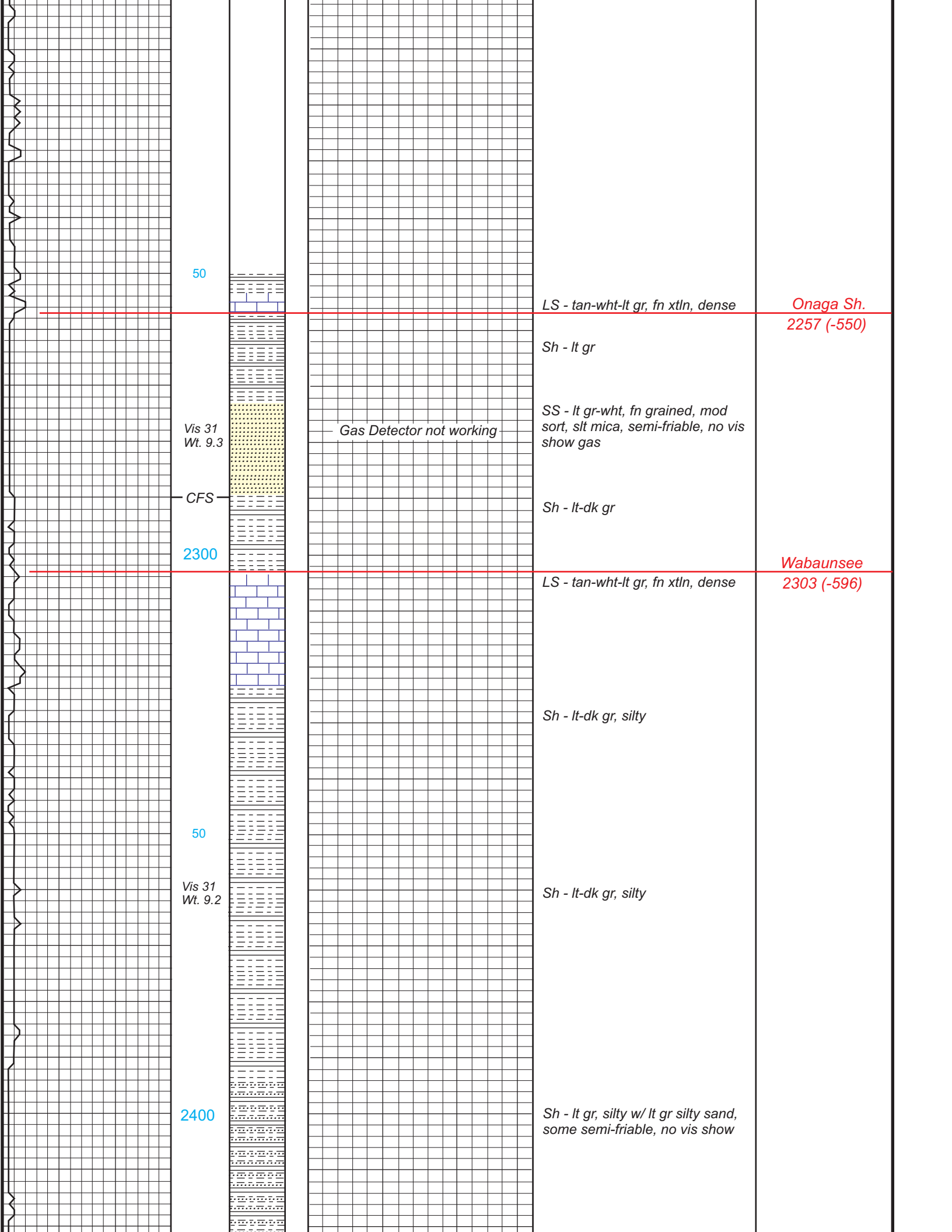
4-05-12 - 7:00 AM  
drlg @ 462

4-06-12 7:00 AM  
drlg @ 2029'

4-07-12 7:00 AM  
drlg @ 2961'

4-08-12 7:00 AM  
drlg @ 3724'

4-09-12 7:00 AM  
drlg @ 4000'  
RTD 4213' @ 12:10 PM



50

LS - tan-wht-lt gr, fn xtl, dense

Onaga Sh.  
2257 (-550)

Sh - lt gr

Vis 31  
Wt. 9.3

Gas Detector not working

SS - lt gr-wht, fn grained, mod sort, slt mica, semi-friable, no vis show gas

CFS

Sh - lt-dk gr

2300

LS - tan-wht-lt gr, fn xtl, dense

Wabaunsee  
2303 (-596)

Sh - lt-dk gr, silty

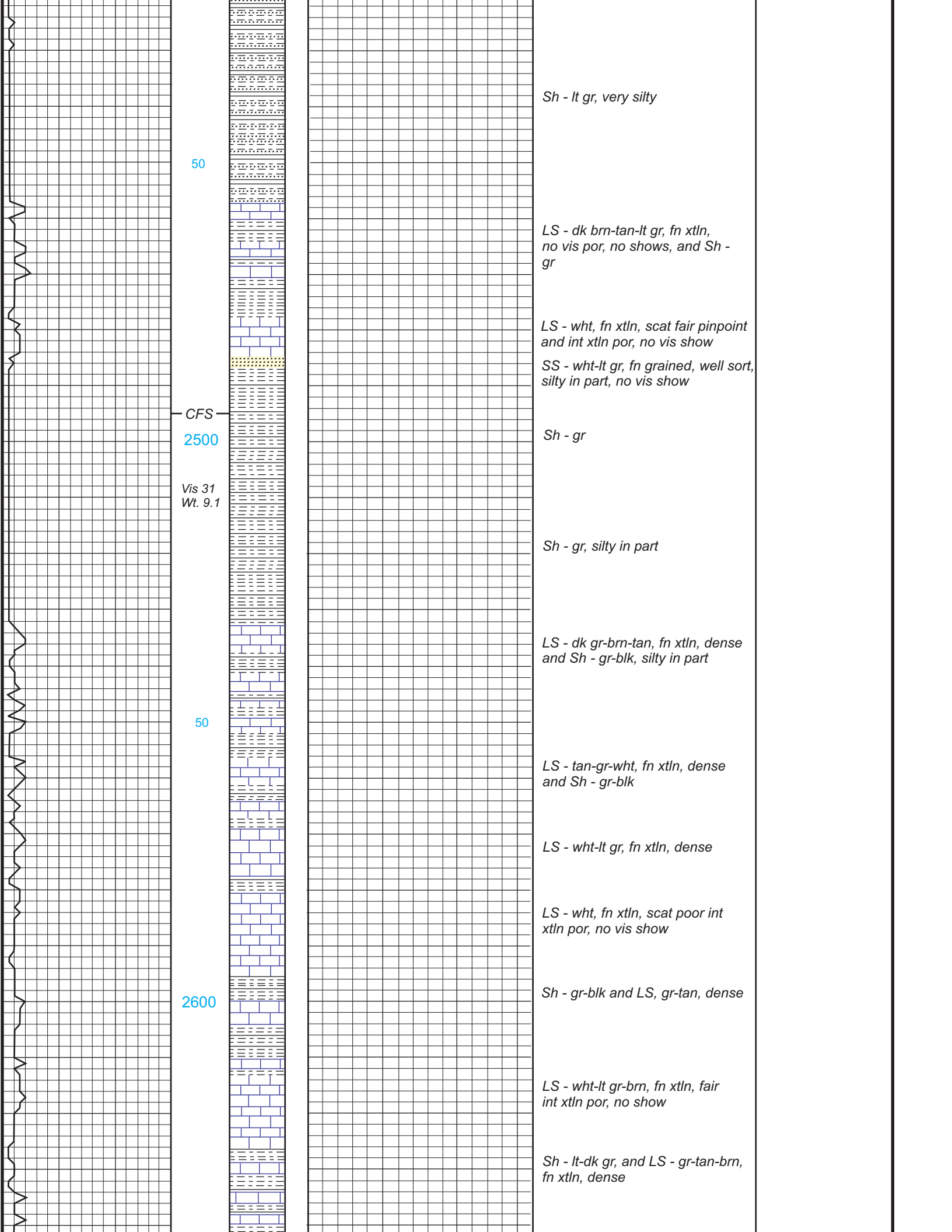
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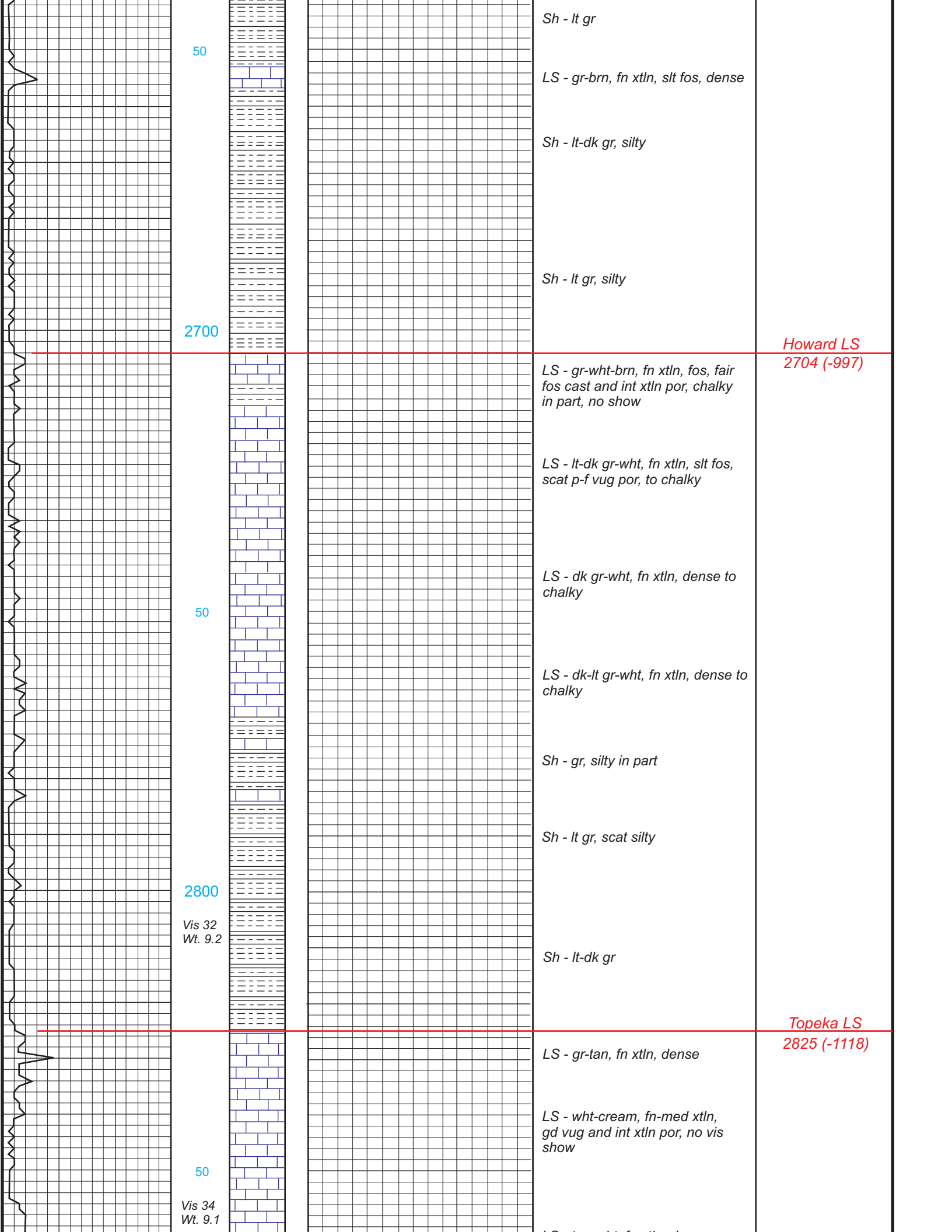
Sh - lt-dk gr, silty

Vis 31  
Wt. 9.2

2400

Sh - lt gr, silty w/ lt gr silty sand, some semi-friable, no vis show





50

Sh - lt gr

LS - gr-brn, fn xtl, slt fos, dense

Sh - lt-dk gr, silty

Sh - lt gr, silty

2700

Howard LS  
2704 (-997)

LS - gr-wht-brn, fn xtl, fos, fair  
fos cast and int xtl por, chalky  
in part, no show

LS - lt-dk gr-wht, fn xtl, slt fos,  
scat p-f vug por, to chalky

LS - dk gr-wht, fn xtl, dense to  
chalky

50

LS - dk-lt gr-wht, fn xtl, dense to  
chalky

Sh - gr, silty in part

Sh - lt gr, scat silty

2800

Vis 32  
Wt. 9.2

Sh - lt-dk gr

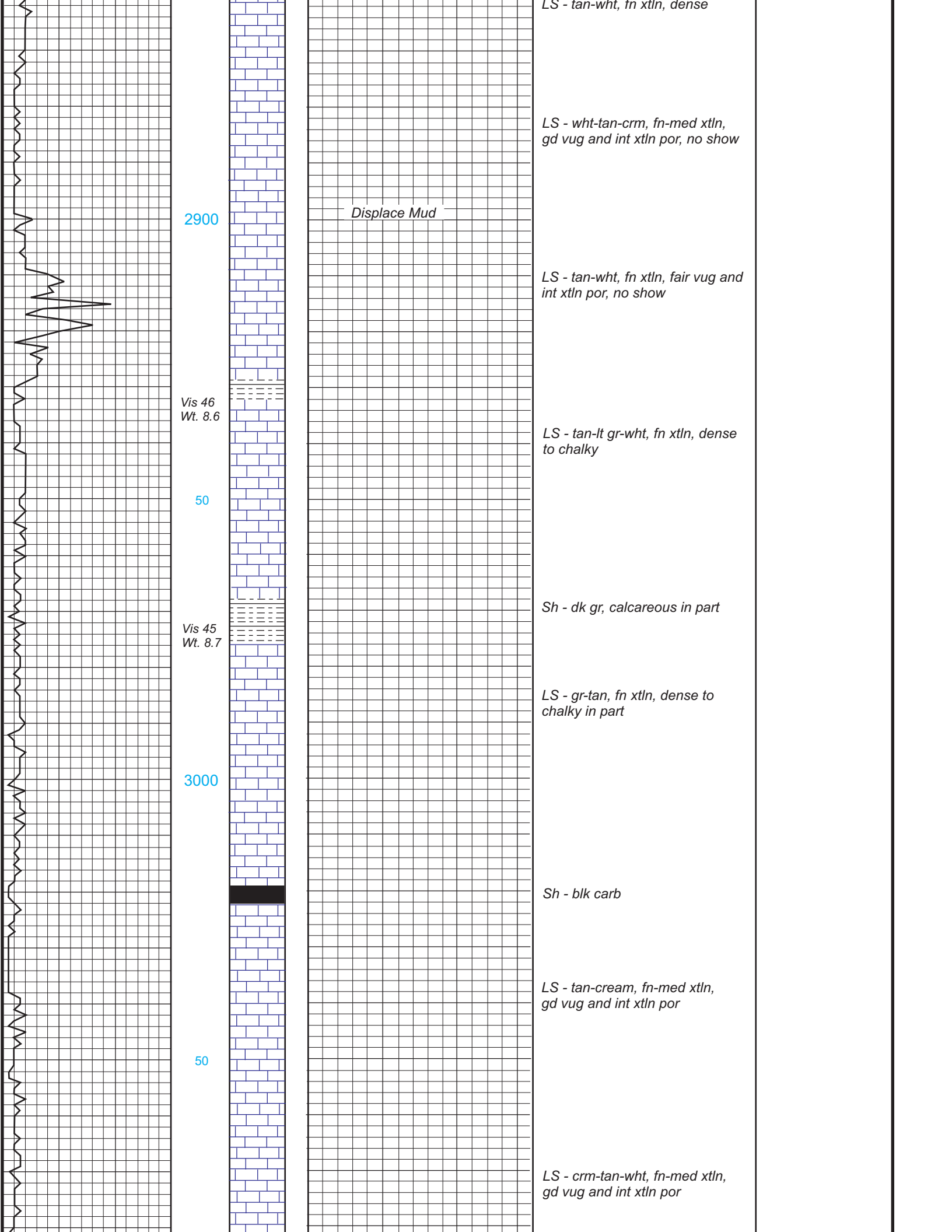
Topeka LS  
2825 (-1118)

LS - gr-tan, fn xtl, dense

LS - wht-cream, fn-med xtl,  
gd vug and int xtl por, no vis  
show

50

Vis 34  
Wt. 9.1



LS - tan-wht, fn xtl, dense

LS - wht-tan-crm, fn-med xtl, gd vug and int xtl por, no show

2900

Displace Mud

LS - tan-wht, fn xtl, fair vug and int xtl por, no show

Vis 46  
Wt. 8.6

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

50

Vis 45  
Wt. 8.7

Sh - dk gr, calcareous in part

3000

LS - gr-tan, fn xtl, dense to chalky in part

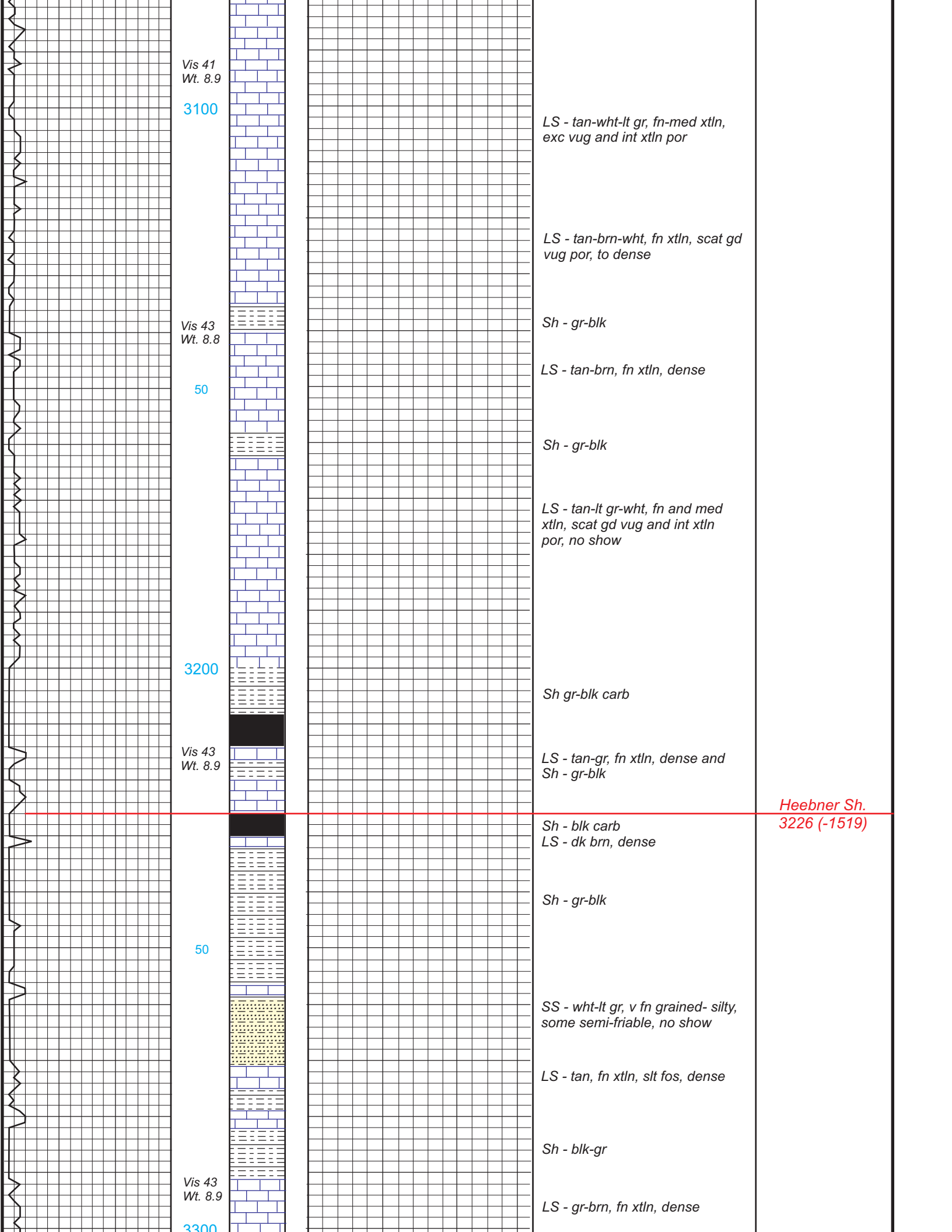
Sh - blk carb

50

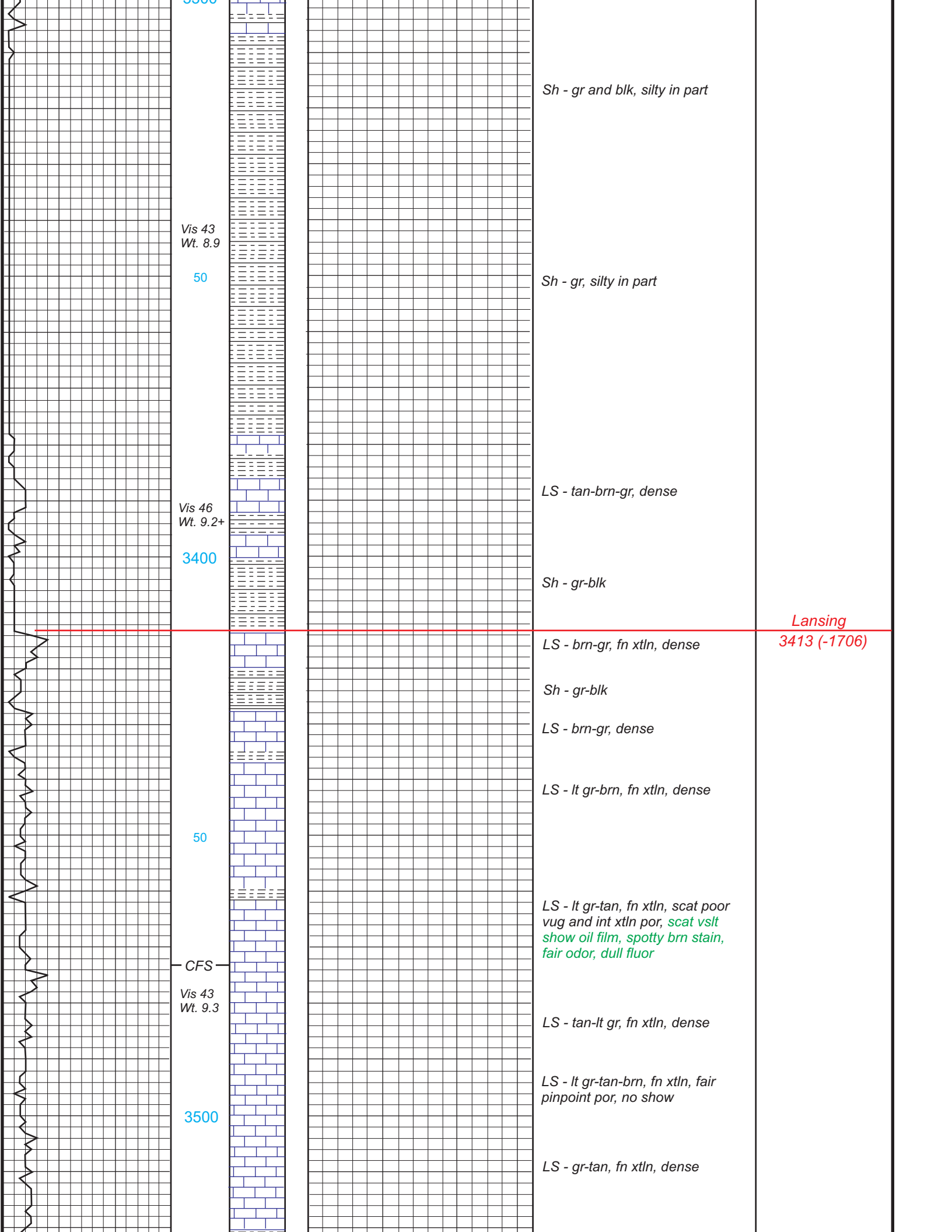
LS - tan-cream, fn-med xtl, gd vug and int xtl por

LS - crm-tan-wht, fn-med xtl, gd vug and int xtl por





Heebner Sh.  
3226 (-1519)



Vis 43  
Wt. 8.9

50

Vis 46  
Wt. 9.2+

3400

50

CFS  
Vis 43  
Wt. 9.3

3500

Sh - gr and blk, silty in part

Sh - gr, silty in part

LS - tan-brn-gr, dense

Sh - gr-blk

LS - brn-gr, fn xtln, dense

Sh - gr-blk

LS - brn-gr, dense

LS - lt gr-brn, fn xtln, dense

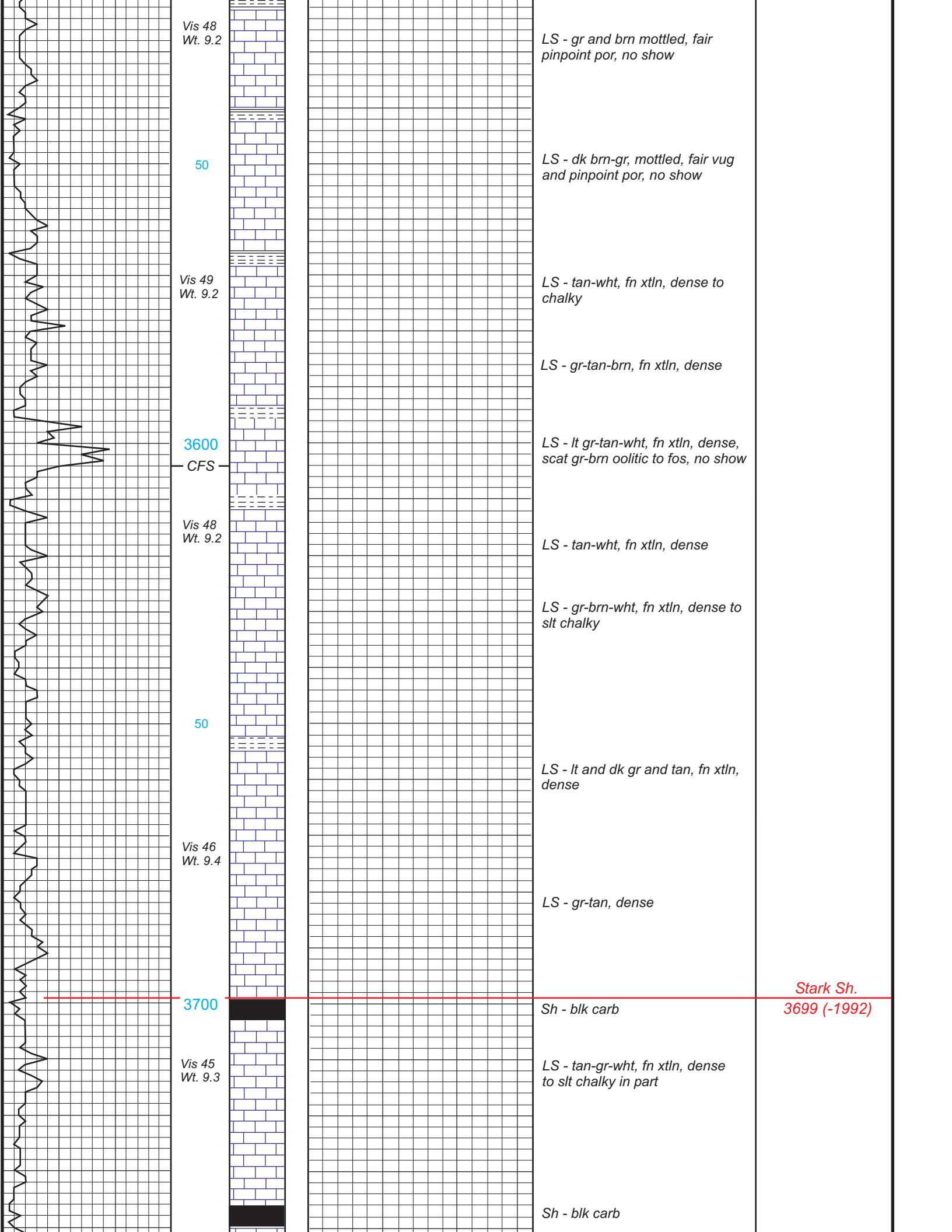
LS - lt gr-tan, fn xtln, scat poor  
vug and int xtln por, scat vslt  
show oil film, spotty brn stain,  
fair odor, dull fluor

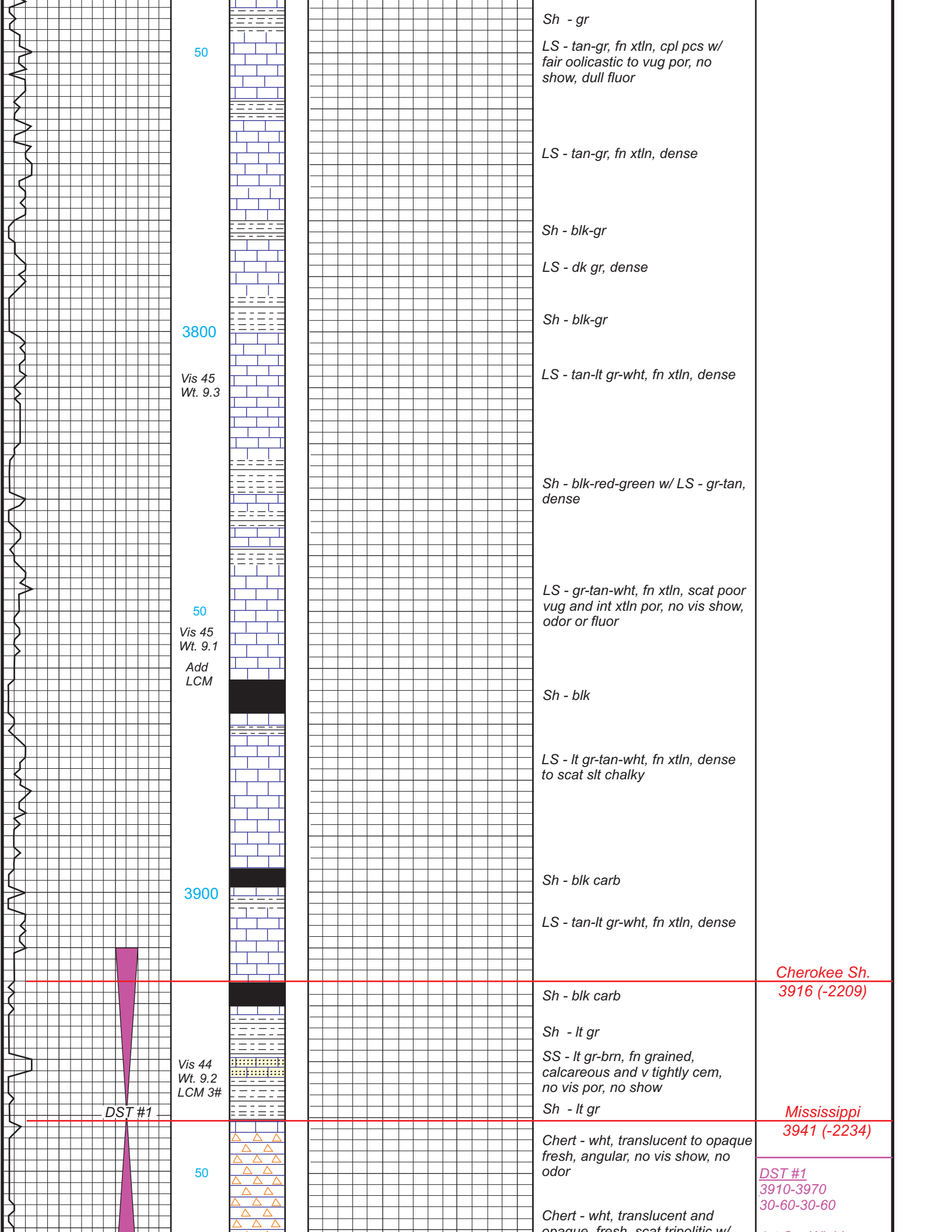
LS - tan-lt gr, fn xtln, dense

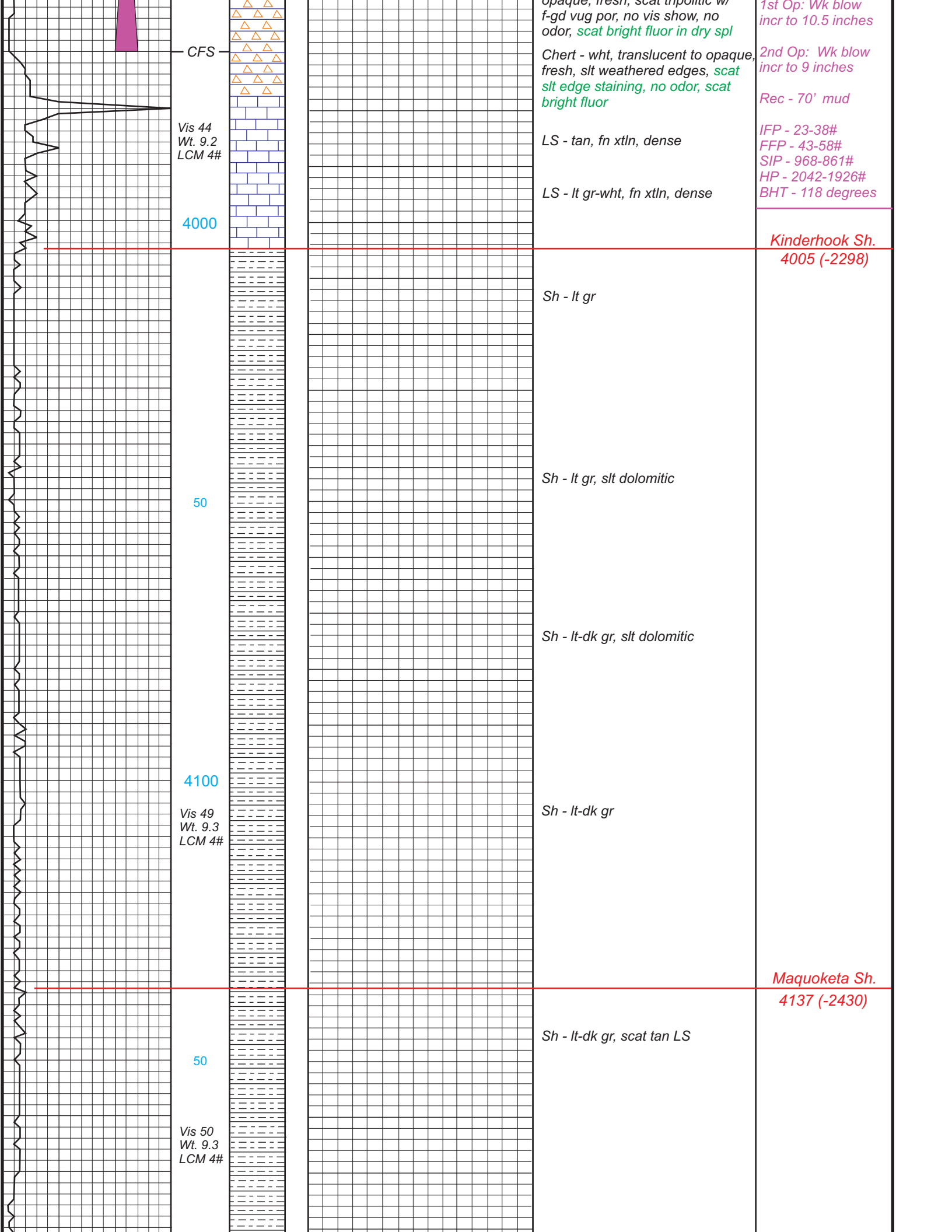
LS - lt gr-tan-brn, fn xtln, fair  
pinpoint por, no show

LS - gr-tan, fn xtln, dense

Lansing  
3413 (-1706)







CFS

Vis 44  
Wt. 9.2  
LCM 4#

4000

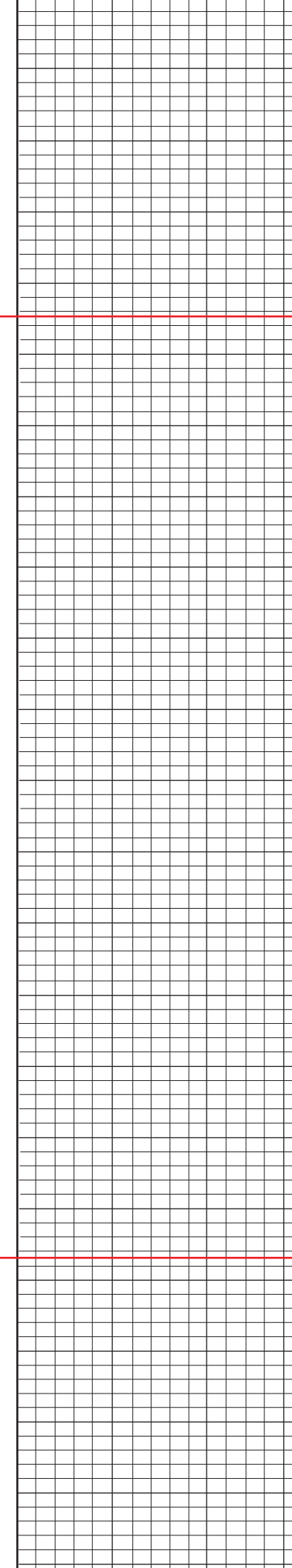
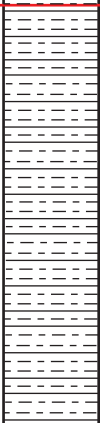
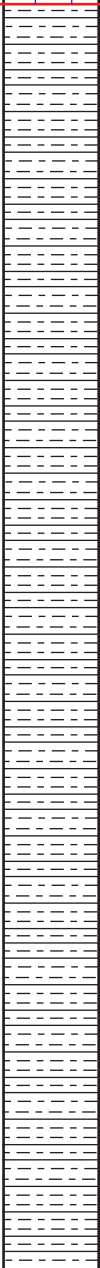
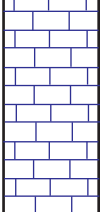
50

4100

Vis 49  
Wt. 9.3  
LCM 4#

50

Vis 50  
Wt. 9.3  
LCM 4#



Opaque, fresh, scat tripolitic w/ f-gd vug por, no vis show, no odor, scat bright fluor in dry spl

Chert - wht, translucent to opaque, fresh, slt weathered edges, scat slt edge staining, no odor, scat bright fluor

LS - tan, fn xtltn, dense

LS - lt gr-wht, fn xtltn, dense

Sh - lt gr

Sh - lt gr, slt dolomitic

Sh - lt-dk gr, slt dolomitic

Sh - lt-dk gr

Sh - lt-dk gr, scat tan LS

1st Op: Wk blow incr to 10.5 inches

2nd Op: Wk blow incr to 9 inches

Rec - 70' mud

IFP - 23-38#  
FFP - 43-58#  
SIP - 968-861#  
HP - 2042-1926#  
BHT - 118 degrees

Kinderhook Sh.  
4005 (-2298)

Maquoketa Sh.  
4137 (-2430)

Sh - lt-dk gr, dolomitic in part

LS - tan-brn, fn xtl, dense

Dolo - lt gr-brn, fn xtl to sucrosic, p-fair int xtl por, scat gr vitr chert, scat slt show oil film, scat bright fluor, spty lt brn stain, no odor

Viola  
4207 (-2500)

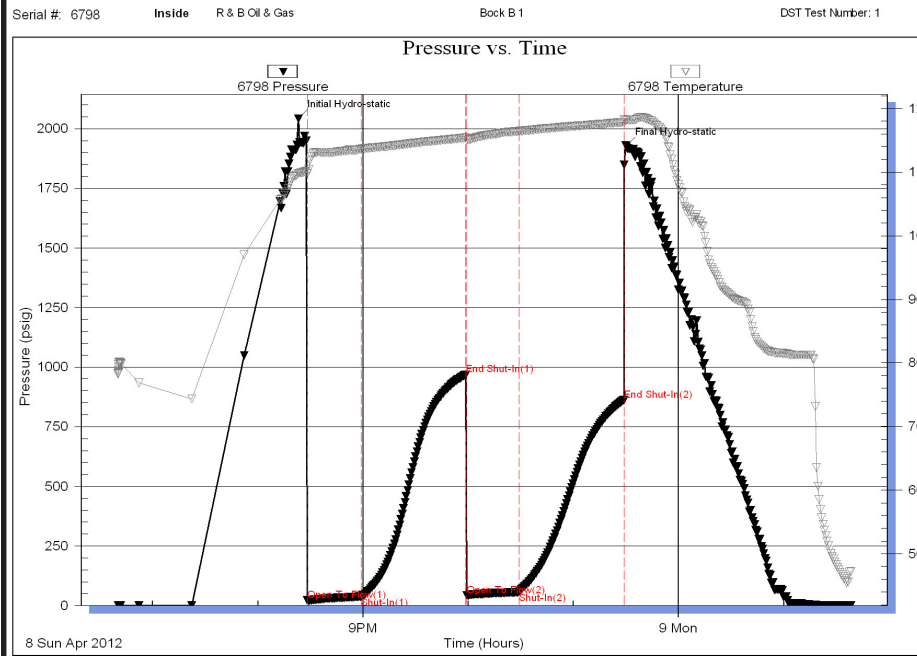
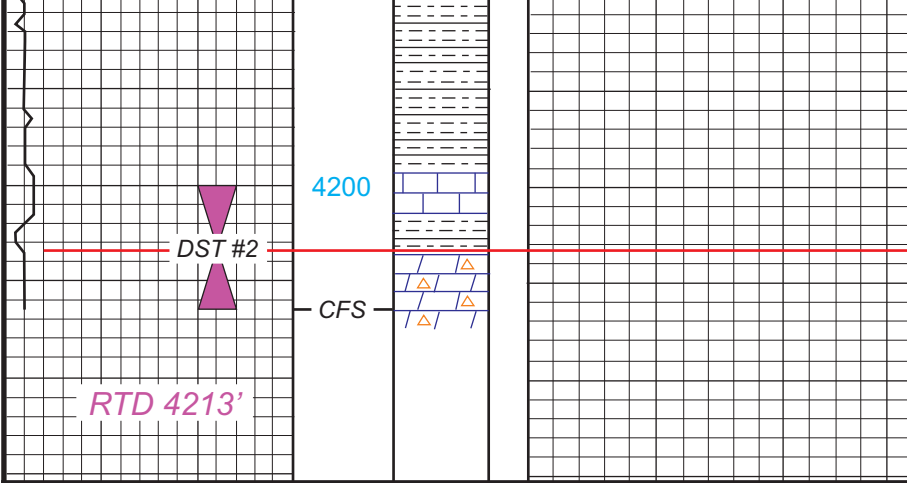
DST #2  
4200-4213  
30-60-30-60

1st Op: Wk blow  
incr to 2 inches

2nd Op: Wk blow  
incr to 1-1/2 inches

Rec - 126' water

IFP - 16- 51#  
FFP - 52-76#  
SIP - 1341-1332#  
HP - 2230-2174#  
BHT - 129 degrees



DST #1  
3910-3970  
30-60-30-60

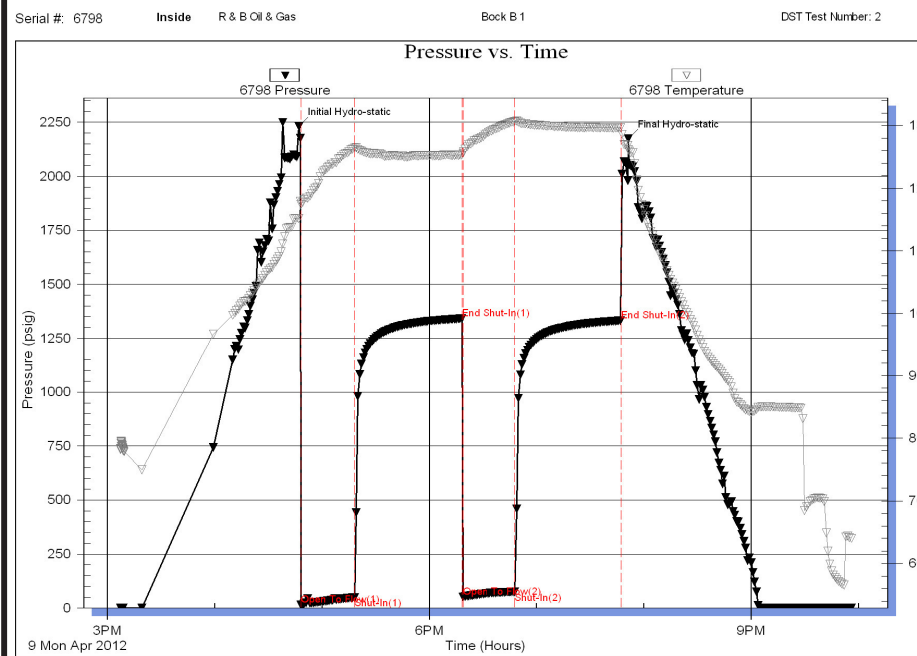
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incr to 9 inches

Rec - 70' mud

IFP - 23-38#  
FFP - 43-58#  
SIP - 968-861#  
HP - 2042-1926#  
BHT - 118 degrees

Trilobite Testing, Inc    Ref. No: 47479    Printed: 2012.04.09 @ 01:57:45



DST #2  
4200-4213  
30-60-30-60

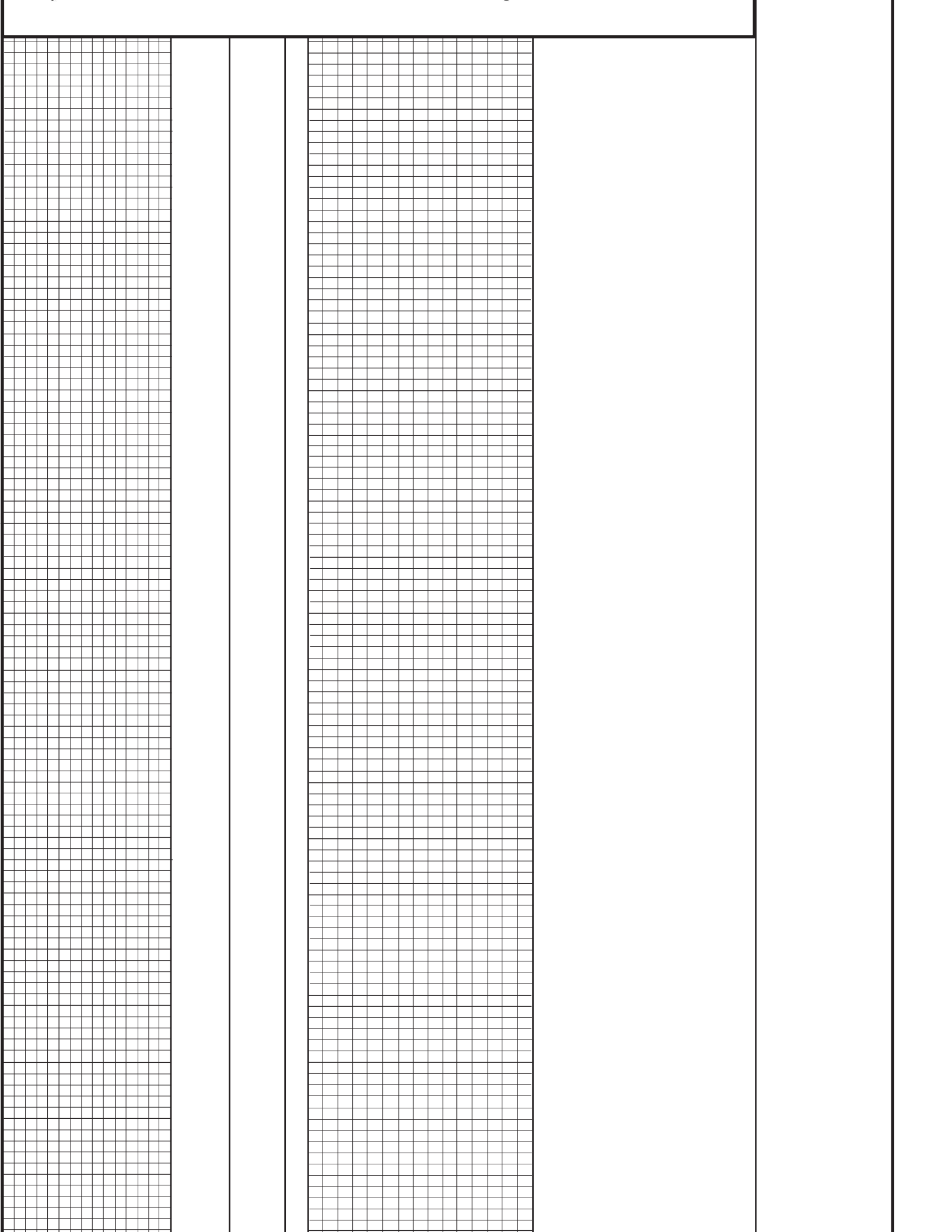
1st Op: Wk blow  
incr to 2 inches

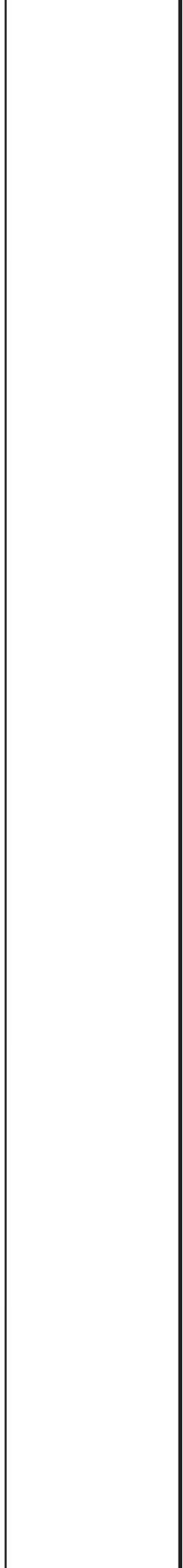
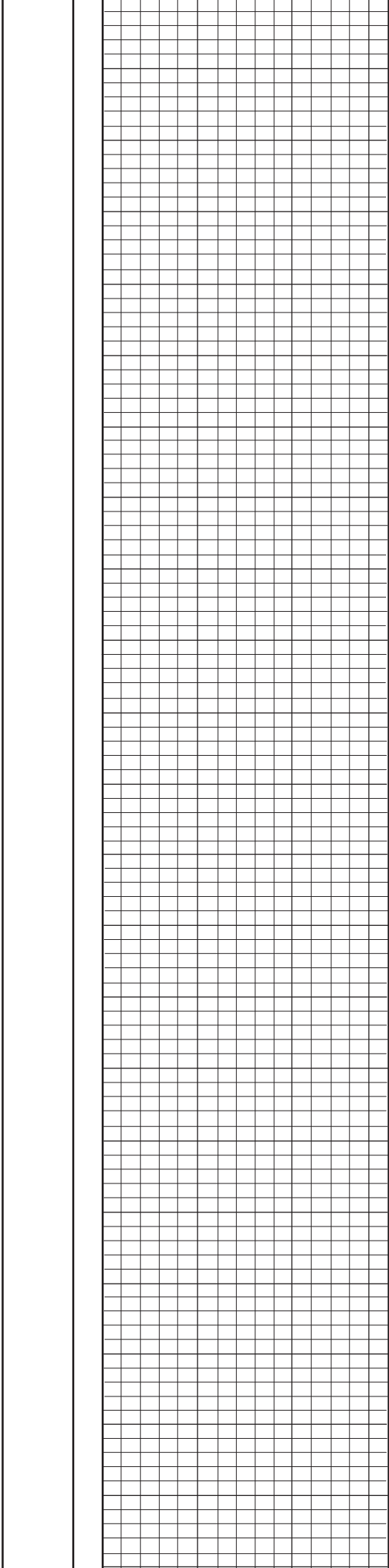
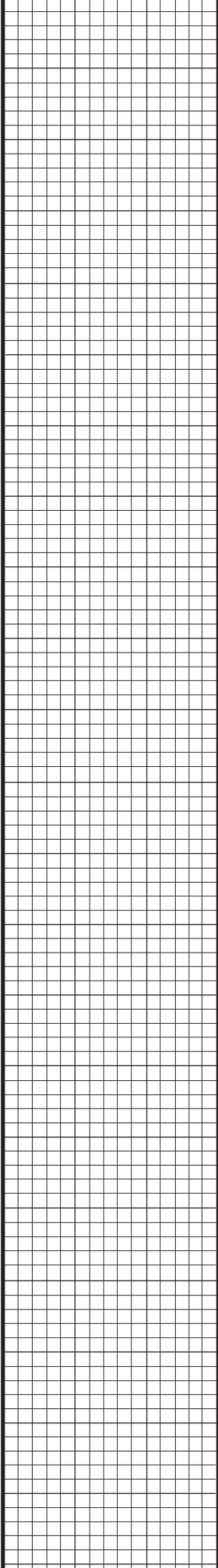
2nd Op: Wk blow  
incr to 1-1/2 inches

Rec - 126' water

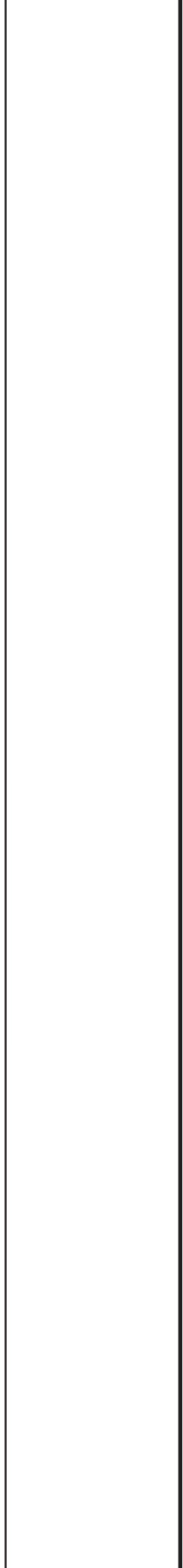
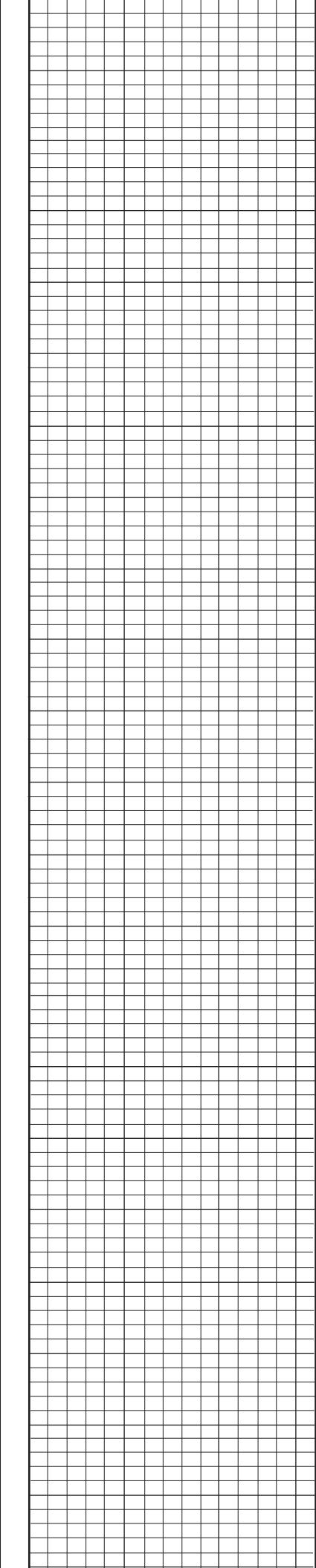
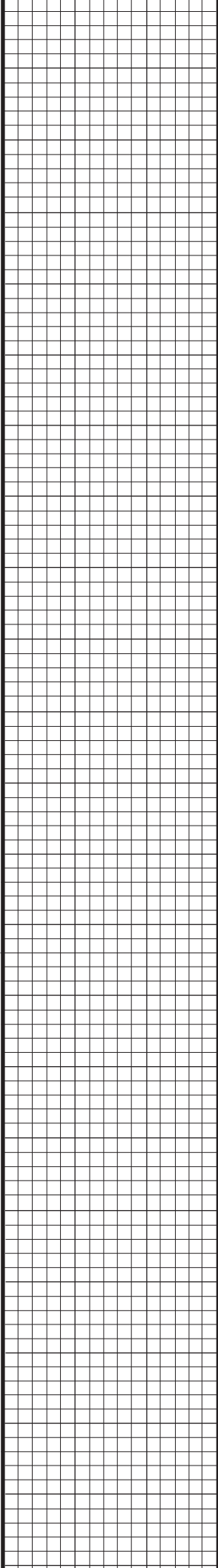
IFP - 16- 51#  
FFP - 52-76#  
SIP - 1341-1332#  
HP - 2230-2174#  
BHT - 129 degrees

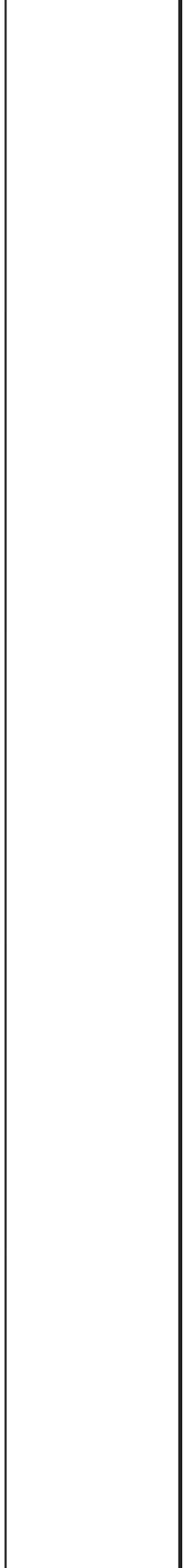
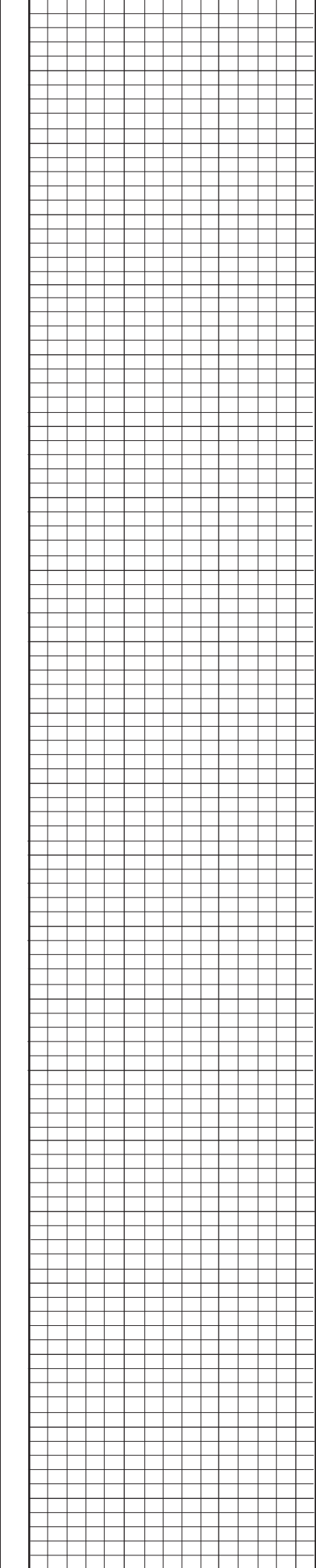
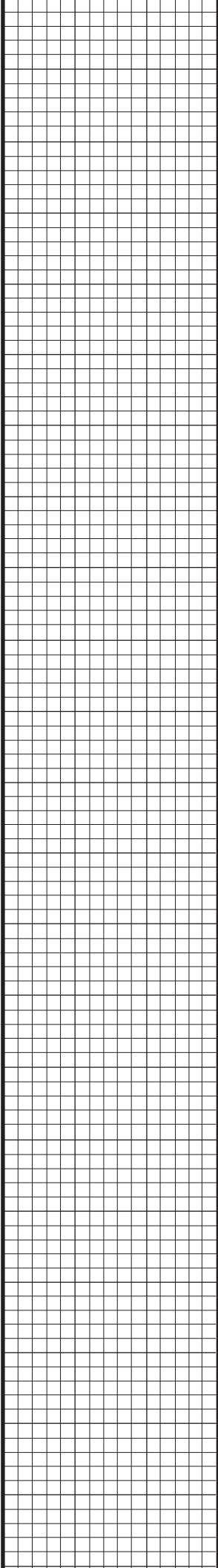
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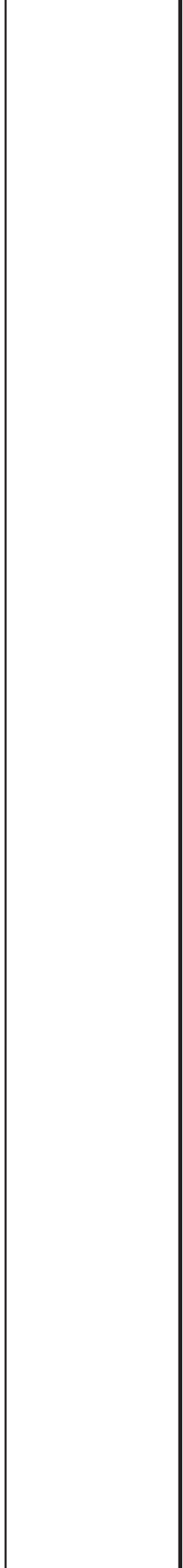
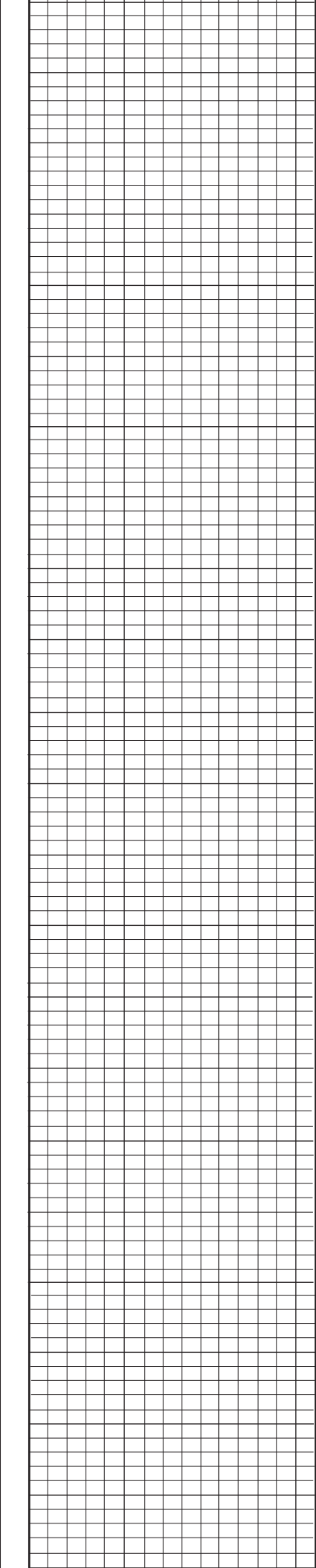
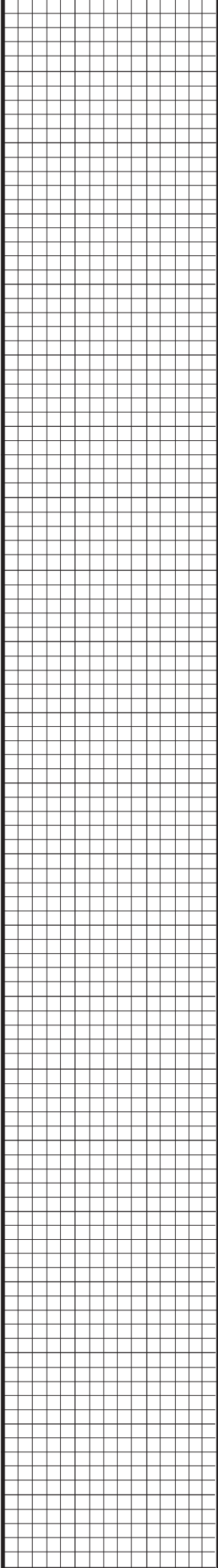


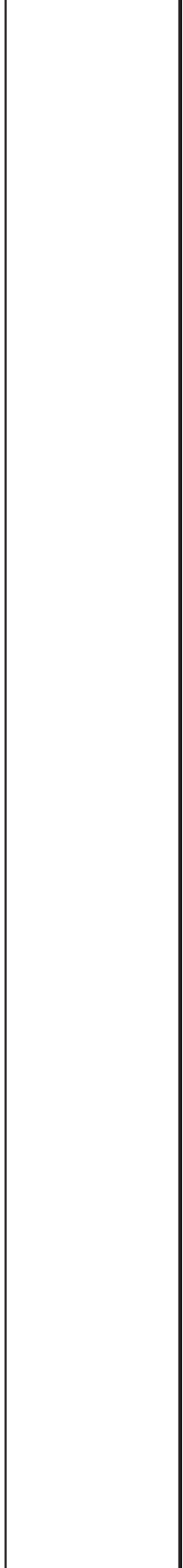
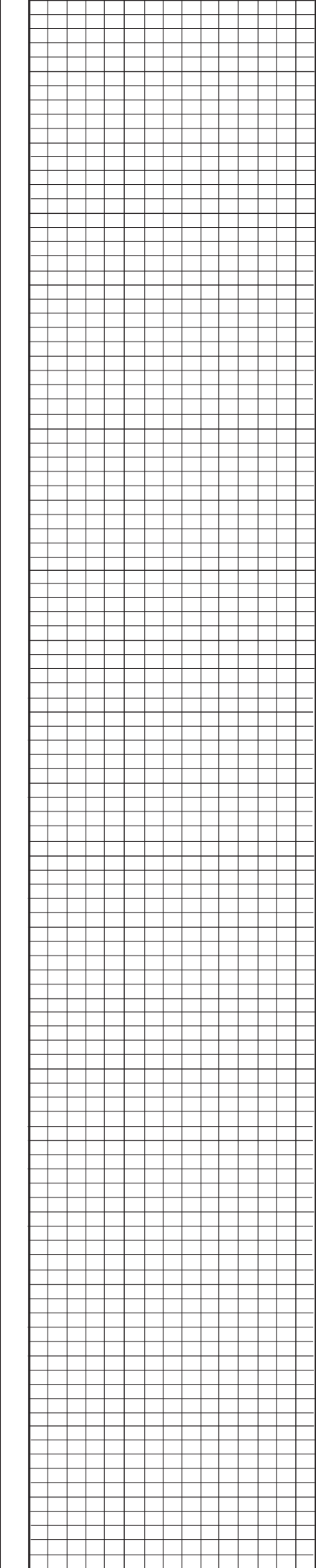
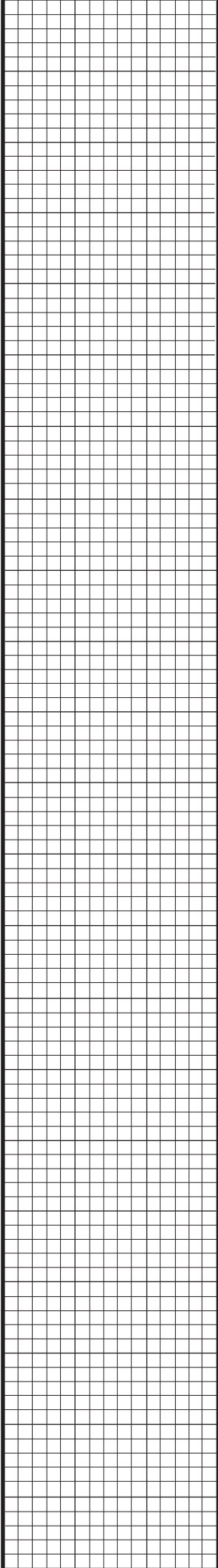


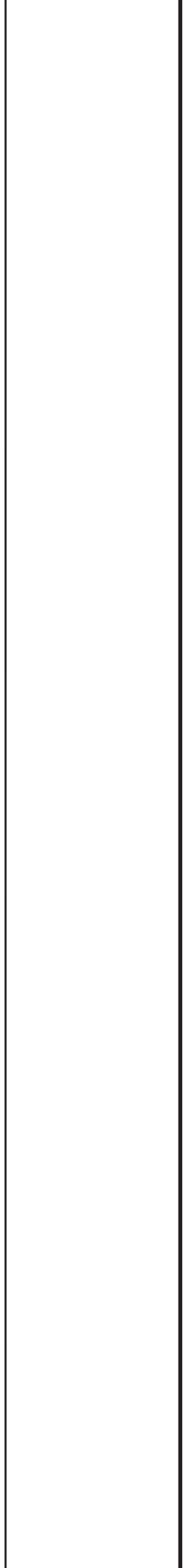
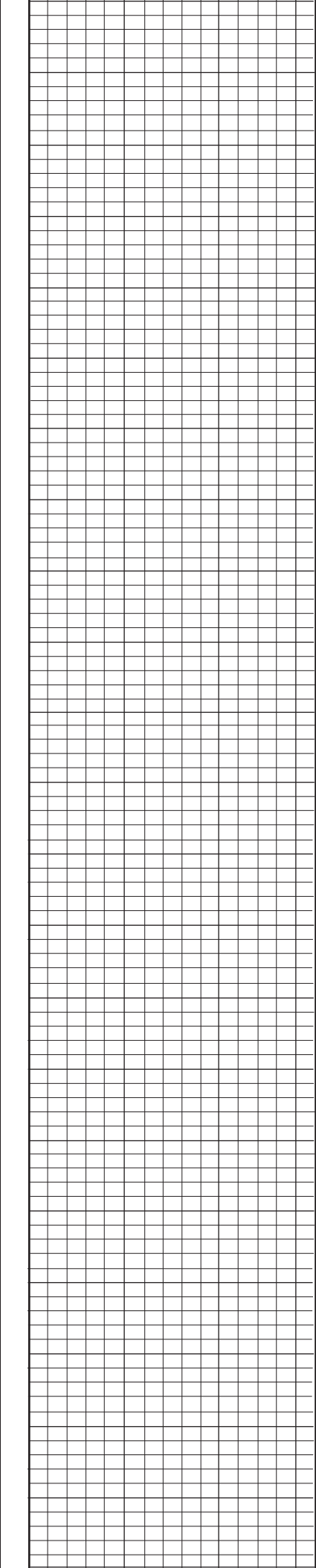
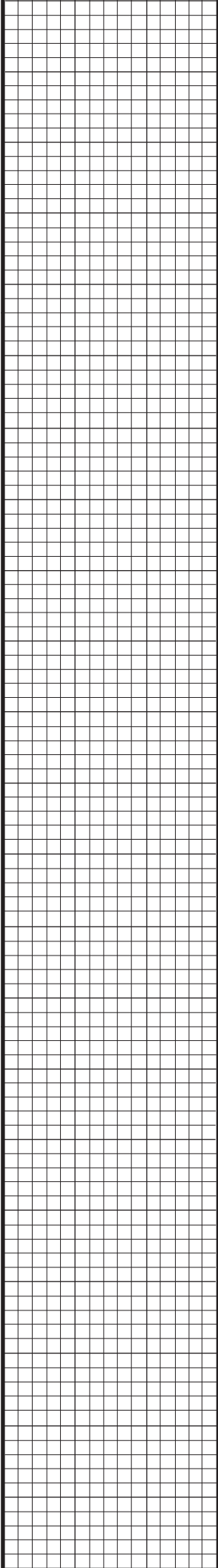


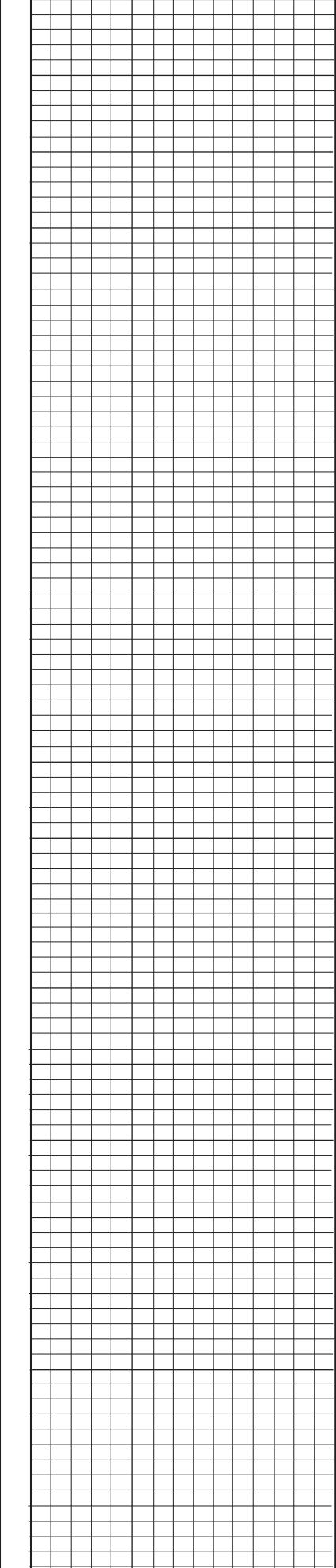
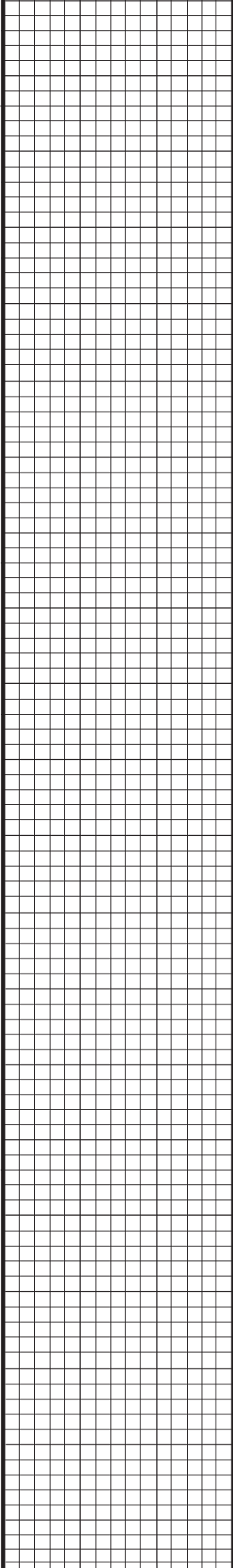












# ALLIED OIL & GAS SERVICES, LLC 054088

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*Medicine KS*

DATE <i>04/04/2012</i>	SEC <i>34</i>	TWP. <i>26</i>	RANGE <i>9</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>6:30 PM</i>
LEASE <i>Back B</i>	WELL # <i>1</i>	LOCATION <i>Peralosa KS, 2 East, 1/4 North,</i>			COUNTY <i>Peno</i>	STATE <i>KS</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<i>on South side of house, West into</i>					

*Joel*

CONTRACTOR *Hardt #1* OWNER *R+B Oil & Gas*

TYPE OF JOB <i>Surface</i>	CEMENT	
HOLE SIZE <i>12 1/4</i>	T.D. <i>255</i>	AMOUNT ORDERED <i>225 sx 60:40:3% cet</i>
CASING SIZE <i>8 3/8</i>	DEPTH <i>242.23</i>	<i>2% Gel</i>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	

PRES. MAX	MINIMUM	COMMON <i>Class A</i>	<i>135 sx @ 16.25</i>	<i>2,193.75</i>
MEAS. LINE	SHOE JOINT	POZMIX	<i>90 sx @ 8.50</i>	<i>765</i>
CEMENT LEFT IN CSG. <i>15</i>		GEL	<i>4 sx @ 21.25</i>	<i>85</i>
PERFS.		CHLORIDE	<i>7.25 sx @ 58.20</i>	<i>421.95</i>
DISPLACEMENT <i>15 1/4</i>		ASC	@	

EQUIPMENT			@	
PUMP TRUCK	CEMENTER <i>Jason Thiemech</i>		@	
# <i>471/382</i>	HELPER <i>Derek Gibbs/David Felto</i>		@	
BULK TRUCK			@	
# <i>364</i>	DRIVER <i>Troy Lenz</i>		@	
BULK TRUCK			@	
#	DRIVER		@	

REMARKS:  
*Brk circ w/ rig, pump 3 1/2" spacer, mix + pump 225 sx, Disp 15 1/4, close in, did circ cement*

HANDLING <i>236.25</i>	@ <i>2.25</i>	<i>521.56</i>
MILEAGE <i>236.25 X 30 X .11</i>		<i>778.80</i>
TOTAL		<i>4716.00</i>

SERVICE		
DEPTH OF JOB <i>242</i>		
PUMP TRUCK CHARGE		<i>1,125.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>30 @ 7.00</i>	<i>210.00</i>
MANIFOLD	@	
<i>Light vehicle</i>	<i>30 @ 4.00</i>	<i>120-</i>
TOTAL		<i>\$1455.00</i>

CHARGE TO: *R+B Oil & Gas*  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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.

PLUG & FLOAT EQUIPMENT		
	@	
	@	
	@	
	@	
	@	
TOTAL		
SALES TAX (If Any)	<i>253.00</i>	
TOTAL CHARGES	<i>\$1231.00</i>	
DISCOUNT		IF PAID IN 30 DAYS

PRINTED NAME *Scott Adelhhardt*  
SIGNATURE *Scott Adelhhardt*

*D 1246.21*

# ALLIED OIL & GAS SERVICES, LLC 053509

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Great Bend, KS

DATE <u>4-10-12</u>	SEC <u>34</u>	TWP <u>26 S</u>	RANGE <u>9 W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:45 AM</u>	JOB FINISH <u>3:45 PM</u>
LEASE <u>Beck B</u>	WELL# <u>1</u>	LOCATION <u>Penalosa, KS</u>		<u>Zegit</u>	COUNTY <u>Revo</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>1/4 North West into</u>					

CONTRACTOR Hardt #1

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4213

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

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

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

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

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

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

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

DISPLACEMENT \_\_\_\_\_

OWNER R & B Oil & Gas

CEMENT AMOUNT ORDERED 160 sacks 60/40 per

40% gel 117% Hase

COMMON	<u>96</u>	@	<u>16.25</u>	<u>1560.00</u>
POZMIX	<u>64</u>	@	<u>8.50</u>	<u>544.00</u>
GEL	<u>6</u>	@	<u>21.25</u>	<u>127.50</u>
CHLORIDE		@		
ASC		@		
<u>No seal</u>	<u>40</u>	@	<u>2.70</u>	<u>108.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>172.7</u>	@	<u>2.10</u>	<u>362.87</u>
MILEAGE	<u>7.2 x 30</u>		<u>2.35</u>	<u>587.00</u>
TOTAL				<u>3,209.27</u>

EQUIPMENT

PUMP TRUCK CEMENTER Greg R

# 366 HELPER Kerry R

BULK TRUCK

# 344/170 DRIVER Kevin E

BULK TRUCK

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

REMARKS:

1st plug mix 35 sacks @ 1350'

2nd plug mix 35 sacks @ 900'

3rd plug mix 35 sacks @ 901'

4th plug mix 35 sacks @ 60'

mix 35 sacks in Article

CHARGE TO: R & B Oil & Gas

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE	<u>1250.00</u>		
EXTRA FOOTAGE	@		
MILEAGE	<u>hvm 30</u>	@	<u>7.00 210.00</u>
MANIFOLD	@		
	<u>hvm 30</u>	@	<u>4.00 120.00</u>
	@		
TOTAL <u>1580.00</u>			

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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.

PRINTED NAME Scott C Adelhardt

SIGNATURE Scott C Adelhardt

Thank You!

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

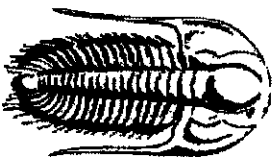
TOTAL CHARGES 4,789.27

DISCOUNT 20% 957.25 IF PAID IN 30 DAYS

3,831.82

June





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195  
Attica, KS 67009

ATTN: Tim Pierce

**Bock B #1**

**34-26s-9w Reno<KS**

Start Date: 2012.04.08 @ 18:40:18

End Date: 2012.04.09 @ 01:38:33

Job Ticket #: 47479      DST #: 1

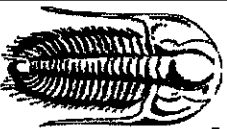
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

**ORIGINAL**

Printed: 2012.05.11 @ 13:28:10



**TRIBOLITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

R & B Oil & Gas

34-26s-9w Reno<KS

PO Box 195

Block B #1

Atlica, KS 67009

Job Ticket: 47479

DST#: 1

ATTN: Tim Pierce

Test Start: 2012.04.08 @ 18:40:18

**GENERAL INFORMATION:**

Formation: Mississippi  
 Deviated: No Whiptock: ft (KB)  
 Time Tool Opened: 20:28:18  
 Time Test Ended: 01:38:33

Test Type: Conventional Bottom Hole (Initial)  
 Tester: Leal Cason  
 Unit No.: 45

Interval: 3910.00 ft (KB) To 3970.00 ft (KB) (TVD)  
 Total Depth: 3970.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good

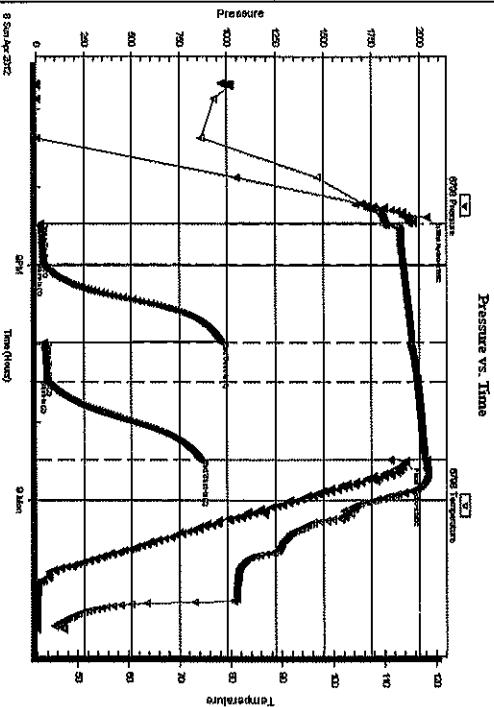
Reference Elevations: 1707.00 ft (KB)  
 1699.00 ft (CF)  
 KB to GR/CF: 8.00 ft

Serial #: 6798 Inside  
 Press@RunDepth: 57.73 psig @ 3911.00 ft (KB)  
 Start Date: 2012.04.08 End Date: 2012.04.09  
 Start Time: 18:40:19 End Time: 01:38:33

Capacity: 8000.00 psig  
 Last Calib.: 2012.04.09  
 Time On Btm: 2012.04.08 @ 20:23:03  
 Time Off Btm: 2012.04.08 @ 23:30:03

**TEST COMMENT:**

IF: Fair Blow, Built To 10 1/2 inches  
 IS: No Blow Back  
 FF: Fair Blow, Built To 9 inches  
 FSI: No Blow Back



**PRESSURE SUMMARY**

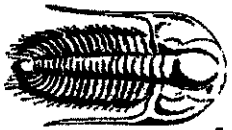
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2042.28	109.78	Initial Hydro-Static
6	23.12	109.74	Open To Flow (1)
36	38.40	113.64	Shut-In(1)
96	968.49	115.38	End Shut-In(1)
96	43.35	115.05	Open To Flow (2)
126	57.73	116.43	Shut-In(2)
186	861.26	117.83	End Shut-In(2)
187	1926.15	118.11	Final Hydro-Static

**Recovery**

Length (ft)	Description	Volume (bbl)
70.00	Mud	0.34

**Gas Rates**

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

R & B Oil & Gas

34-26s-9w Reno<KS

PO Box 195

**Block B #1**

Attica, KS 67009

Job Ticket: 47479

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2012.04.08 @ 18:40:18

**Tool Information**

Drill Pipe:	Length: 3798.00 ft	Diameter:	3.80 inches	Volume:	53.28 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter:	2.25 inches	Volume:	0.60 bbl	Weight to Pull Loose:	70000.00 lb
				<u>Total Volume:</u>	53.88 bbl	Tool Chased	ft
Drill Pipe Above KB:	29.00 ft					String Weight: Initial	65000.00 lb
Depth to Top Packer:	3910.00 ft					Final	65000.00 lb
Depth to Bottom Packer:	ft						
Interval between Packers:	60.00 ft						
Tool Length:	80.00 ft						
Number of Packers:	2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3895.00	
Hydraulic tool	5.00			3900.00	
Packer	5.00			3905.00	20.00 Bottom Of Top Packer
Packer	5.00			3910.00	
Stubb	1.00			3911.00	
Recorder	0.00	6798	Inside	3911.00	
Recorder	0.00	8367	Outside	3911.00	
Perforations	3.00			3914.00	
Change Over Sub	1.00			3915.00	
Drill Pipe	31.00			3946.00	
Change Over Sub	1.00			3947.00	
Perforations	20.00			3967.00	
Bullnose	3.00			3970.00	60.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>				<b>80.00</b>	



**TRILOBITE**  
**TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

R & B Oil & Gas  
PO Box 195  
Atlica, KS 67009  
ATTN: Tim Pierce

34-26s-9w Reno<KS  
**Block B #1**  
Job Ticket: 47479  
DST#:1  
Test Start: 2012.04.08 @ 18:40:18

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 45.00 sec/qt  
Water Loss: 8.79 in<sup>2</sup>  
Resistivity: ohm.m  
Salinity: 3000.00 ppm  
Filter Cake: 0.20 inches

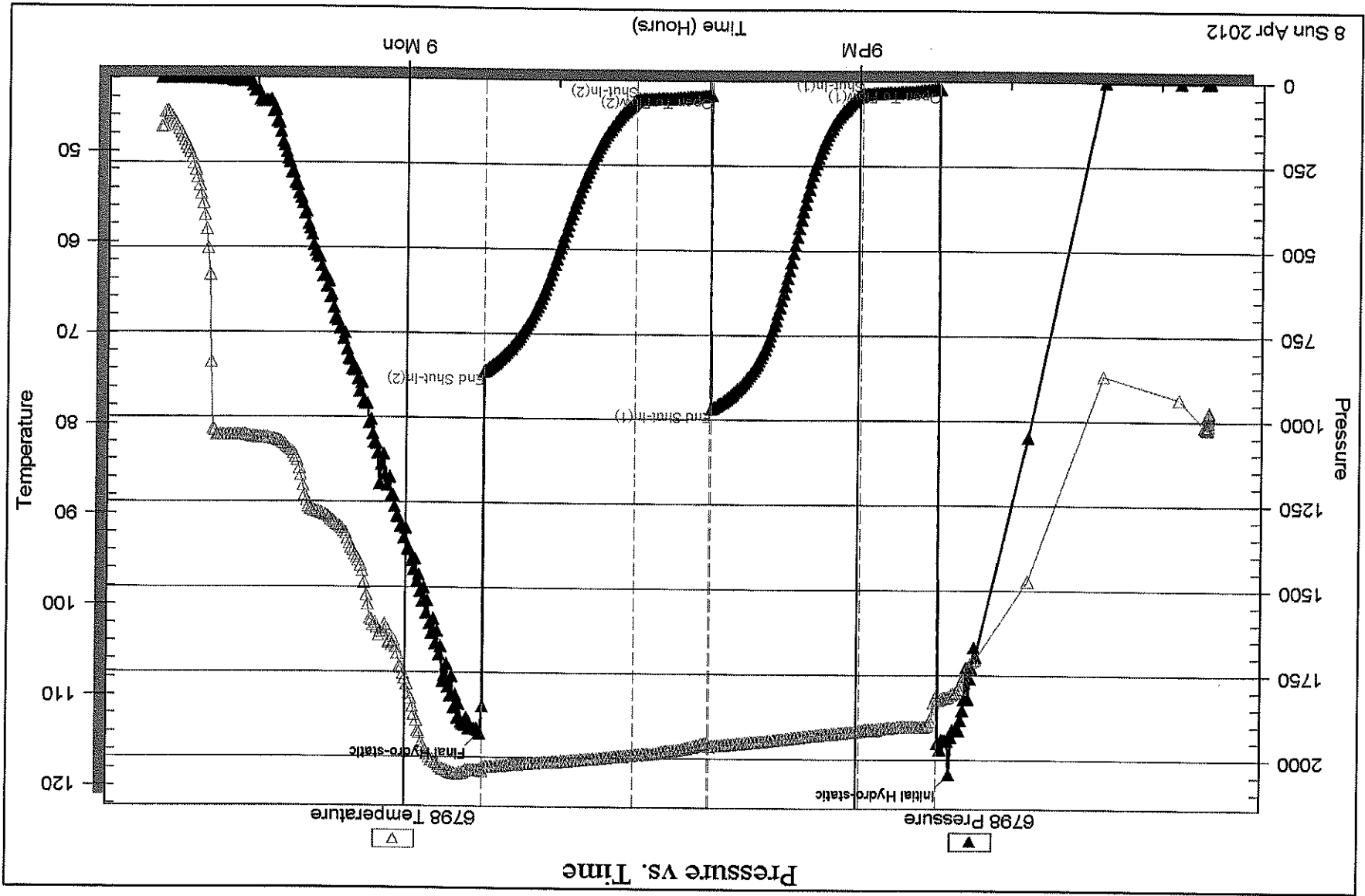
Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig  
Oil API:  
Water Salinity: ppm  
deg API

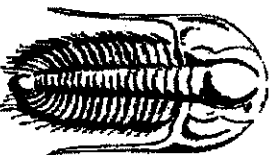
**Recovery Information**

**Recovery Table**

Length ft	Description	Volume bbl
70.00	Mud	0.344

Total Length: 70.00 ft      Total Volume: 0.344 bbl  
Num Fluid Samples: 0      Num Gas Borbs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195  
Attica, KS 67009

ATTN: Tim Pierce

**Bock B #1**

**34-26s-9w Reno<KS**

Start Date: 2012.04.09 @ 15:07:06

End Date: 2012.04.09 @ 21:55:51

Job Ticket #: 47480      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.05.11 @ 13:28:30



**TRIOLOBITE**  
**TESTING, INC**

**DRILL STEM TEST REPORT**

R & B Oil & Gas

34-26s-9w Reno<KS

PO Box 195

**Block B #1**

Attica, KS 67009

Job Ticket: 47480

**DST# 2**

ATTN: Tim Pierce

Test Start: 2012.04.09 @ 15:07:06

**GENERAL INFORMATION:**

Formation: **Viola**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 16:48:06  
 Time Test Ended: 21:55:51  
 Interval: **4200.00 ft (KB) To 4213.00 ft (KB) (TVD)**  
 Total Depth: **4213.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88** inchHole Condition: **Good**

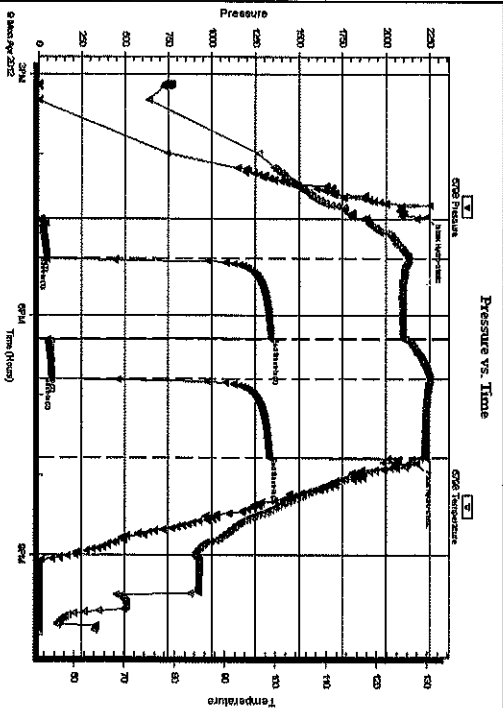
Test Type: **Conventional Bottom Hole (Reset)**  
 Tester: **Leal Cason**  
 Unit No: **45**  
 Reference Elevations: **1707.00 ft (KB)**  
**1699.00 ft (CF)**  
**KB to GR/CF: 8.00 ft**

**Serial #: 6798** **Inside**  
 Press@RunDepth: **76.36 psig @ 4201.00 ft (KB)**  
 Start Date: **2012.04.09** End Date: **2012.04.09**  
 Start Time: **15:07:07** End Time: **21:55:51**

Capacity: **8000.00 psig**  
 Last Callb.: **2012.04.09**  
 Time On Btm: **2012.04.09 @ 16:46:51**  
 Time Off Btm: **2012.04.09 @ 19:51:21**

**TEST COMMENT:**

IF: Weak 2 inch Blow  
 IS: No Blow Back  
 FF: Weak 1 1/2 inch Blow  
 FS: No Blow Back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2230.39	115.16	Initial Hydro-static
2	15.91	117.40	Open To Flow (1)
31	50.74	126.42	Shut-In (1)
91	1341.36	125.29	End Shut-In (1)
92	52.02	125.60	Open To Flow (2)
121	76.36	130.65	Shut-In (2)
181	1332.14	129.63	End Shut-In (2)
185	2173.90	126.18	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
121.00	Water	0.60
5.00	MCW 30%M 70%W	0.07

**Gas Rates**

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

\* Recovery from multiple tests



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

R & B Oil & Gas

34-26-9w Reno<KS

PO Box 195

**Block B #1**

Attica, KS 67009

Job Ticket: 47480

DST #: 2

ATTN: Tim Pierce

Test Start: 2012.04.09 @ 15:07:06

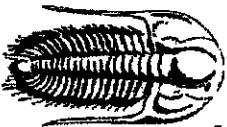
**Tool Information**

Drill Pipe:	Length: 4078.00 ft	Diameter: 3.80 inches	Volume: 57.20 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<b>Total Volume: 57.80 bbl</b>	Tool Chased ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4200.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	13.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4185.00	
Hydraulic tool	5.00			4190.00	
Packer	5.00			4195.00	20.00 Bottom Of Top Packer
Packer	5.00			4200.00	
Stub	1.00			4201.00	
Recorder	0.00	6798	Inside	4201.00	
Recorder	0.00	8367	Outside	4201.00	
Perforations	9.00			4210.00	
Bullnose	3.00			4213.00	13.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>33.00</b>				





**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

R & B Oil & Gas  
PO Box 195  
Atica, KS 67009  
ATTN: Tim Perce

**34-26s-9w Reno<KS**  
**Block B #1**  
Job Ticket: 47480  
Test Start: 2012.04.09 @ 15:07:06

**DST#: 2**

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 49.00 sec/qt  
Water Loss: 8.79 in<sup>2</sup>  
Resistivity: ohm.m  
Salinity: 4000.00 ppm  
Filter Cake: 0.20 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig  
Oil API: deg API  
Water Salinity: 61000 ppm

**Recovery Information**

**Recovery Table**

Length ft	Description	Volume bbl
121.00	Water	0.595
5.00	MCW 30%M 70%W	0.070

Total Length: 126.00 ft      Total Volume: 0.665 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: RW w as .12 @ 80 degrees

