



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1223635
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
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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

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: _____

1223635

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> _____	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 062262

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
MEDIANS LODGE ICS

DATE <u>5-9-14</u>	SEC <u>15</u>	TWP. <u>34 S</u>	RANGE <u>11 W</u>	CALLED OUT <u>3:00 PM</u>	ON LOCATION <u>4:00 PM</u>	JOB START <u>5:15 PM</u>	JOB FINISH <u>5:35 PM</u>
LEASE M/R	WELL # <u>B-14</u>	LOCATION <u>FORUMNE TO BETHOL RD S TO</u>			COUNTY <u>BARBER</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		SCOTT CANYON W. ACROSS CE					

CONTRACTOR HARDT #1 OWNER N-10 EXPLORATION

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 265 CEMENT

CASING SIZE 8 5/8 DEPTH 264.47 AMOUNT ORDERED 2.25 SK 60:40 + 3% CC

TUBING SIZE DEPTH + 2% GEL

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20'

PERFS.

DISPLACEMENT 15 BBL FRESH H₂O

EQUIPMENT

PUMP TRUCK CEMENTER SCOTT FRIDAY

892/555 HELPER CARL RUCKLEY

BULK TRUCK

364 DRIVER JAMES BOWEN

BULK TRUCK

DRIVER

REMARKS:

PRESSURE TEST PUMP 5 BBL SPACER
PUMP CEMENT, START DISPLACEMENT &
WASH UP END 15 BBL DISPLACEMENT
SHOT IN WELL

DID CIRCULATE CEMENT

CHARGE TO: N-10 EXPLORATION

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.

PRINTED NAME

SIGNATURE Scott C. Milligan

COMMON A 135 SK @ 17.90 2416.50

POZMIX 90 SK @ 9.35 841.50

GEL 4 SK @ 23.40 93.60

CHLORIDE 8 SK @ 64.00 512.00

ASC @

@

@

@

@

@

@

@

@

@

@

@

HANDLING @

MILEAGE @

772.72 = 20%

TOTAL 3863.60

SERVICE

DEPTH OF JOB 264

PUMP TRUCK CHARGE 1512.75

EXTRA FOOTAGE LV 20 @ 4.40 88.00

MILEAGE 20 @ 7.70 154.00

MANIFOLD @ 275.00

Handling 241 @ 2.48 597.68

Mileage 10.15/20 @ 2.60 527.80

631.04 = 20%

TOTAL 3155.23

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES 7018.83

DISCOUNT IF PAID IN 30 DAYS

(10%) 565.06

ALLIED OIL & GAS SERVICES, LLC 062265

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
MEDINA LODES

DATE <u>5-18-14</u>	SEC <u>15</u>	TWP <u>34S</u>	RANGE <u>11 W</u>	CALLED OUT <u>1000 PM</u>	ON LOCATION <u>1130 PM</u>	JOB START <u>3:30 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>M RR</u>	WELL # <u>6-14</u>	LOCATION <u>GORLANS RD TO BETHEL RD S TO SCOTT CANYON W CROSS CC PAST TB S TO RIE</u>			COUNTY <u>BARBER</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR HARDY #1 OWNER N-10 EXPLORATION

TYPE OF JOB PRODUCTION

HOLE SIZE 7 7/8 T.D. 5046 CEMENT AMOUNT ORDERED SS SK 60:40:4% GEL + .4% SMS

CASING SIZE 5 1/2 DEPTH 5011.93

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 39.70'

PERFS.

DISPLACEMENT 121.5 BBLs 2% KCL WATER

EQUIPMENT

PUMP TRUCK CEMENTER SCOTT PRIDDY

894/302 HELPER RON GILBY

BULK TRUCK

381/252 DRIVER JAMES BOWEN

BULK TRUCK

DRIVER

REMARKS:

PRESSURE TEST, PUMP SPACER, PUMP MUD CLEAN, PLUG REAT HOLE, PUMP CEMENT SHUT DOWN CLEAN PUMP + LINES START DISPLACEMENT SLOW RATE AT LIFT PRESS SLOW RATE 10 BBLs OUT, BUMP PLUG RELIEVE PRESSURE, FLOAT DID HOLD

COMMON A 33 SK @ 17.90 590.70

POZMIX 22 SK @ 9.35 205.70

GEL 2 SK @ 23.40 46.80

CHLORIDE @

ASC @

SMS 19 @ 3.30 62.70

Class H 150 SK @ 23.40 3510.00

Salt 15 SK @ 26.35 395.25

Polysol 750 # @ .98 735.00

Clapro 14 bbls @ 34.40 481.60

ASF 12 Bbls @ 58.70 704.40

@

HANDLING @

MILEAGE

1346.43 = 20% TOTAL 6732.15

SERVICE

DEPTH OF JOB 5011.93 2765.75

NV 20 4.40 88.00

EXTRA FOOTAGE @

MILEAGE 20 @ 7.70 154.00

MANIFOLD @

Handling 259 @ 2.48 642.32

Mileage 205.38 @ 2.60 533.98

936.81 = 20% TOTAL 4184.05

PLUG & FLOAT EQUIPMENT

5 1/2"

1- Exide shoe @ 281.00

1- Rubber plug @ 85.00

8- Centralizers @ 57.00 456.00

10- Recip @ 89.00 890.00

TOTAL 1712.00

SALES TAX (If Any) _____

TOTAL CHARGES 12,628.26

DISCOUNT _____ IF PAID IN 30 DAYS

Net = 10,449.96

CHARGE TO: N-10 EXPLORATION
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.

PRINTED NAME TIM PIERCE

SIGNATURE Tim Pierce

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
LEASE Medicine River Ranch 'B' #14
FIELD Landis
LOCATION 825' FSL & 1980' FEL
SEC 15 **TWSP** 34S **RGE** 11W
COUNTY Barber **STATE** Kansas
CONTRACTOR Hardt Drilling Rig #1
SPUD 5-09-2014 **COMP** 5-18-2014
RTD 5046 **LTD** 5046
MUD UP 2920 **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 4000 **TO** RTD
GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1347'
DF _____
GL 1337'
 Measurements Are All
 From Kelly Bushing

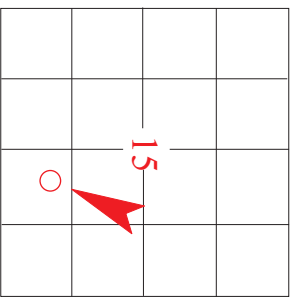
CASING

CONDUCTOR _____
SURFACE 8-5/8" at 268'
PRODUCTION 5-1/2" at 5022'

ELECTRICAL SURVEYS

DIL / CN-CD Pioneer


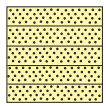
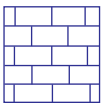
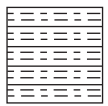

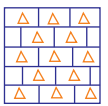

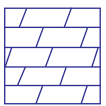
FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Sh.	3624 (-2277)	NA
Iatan LS.	4053 (-2706)	4049 (-2702)
Stark Sh.	4310 (-2963)	4305 (-2958)
Cherokee Sh.	4533 (-3186)	4529 (-3182)
Mississippi	4586 (-3239)	4592 (-3245)
Chattanooga Sh.	4876 (-3529)	4872 (-3525)
Viola	4933 (-3585)	4926 (-3579)
Simpson	5022 (-3675)	5017 (-3670)




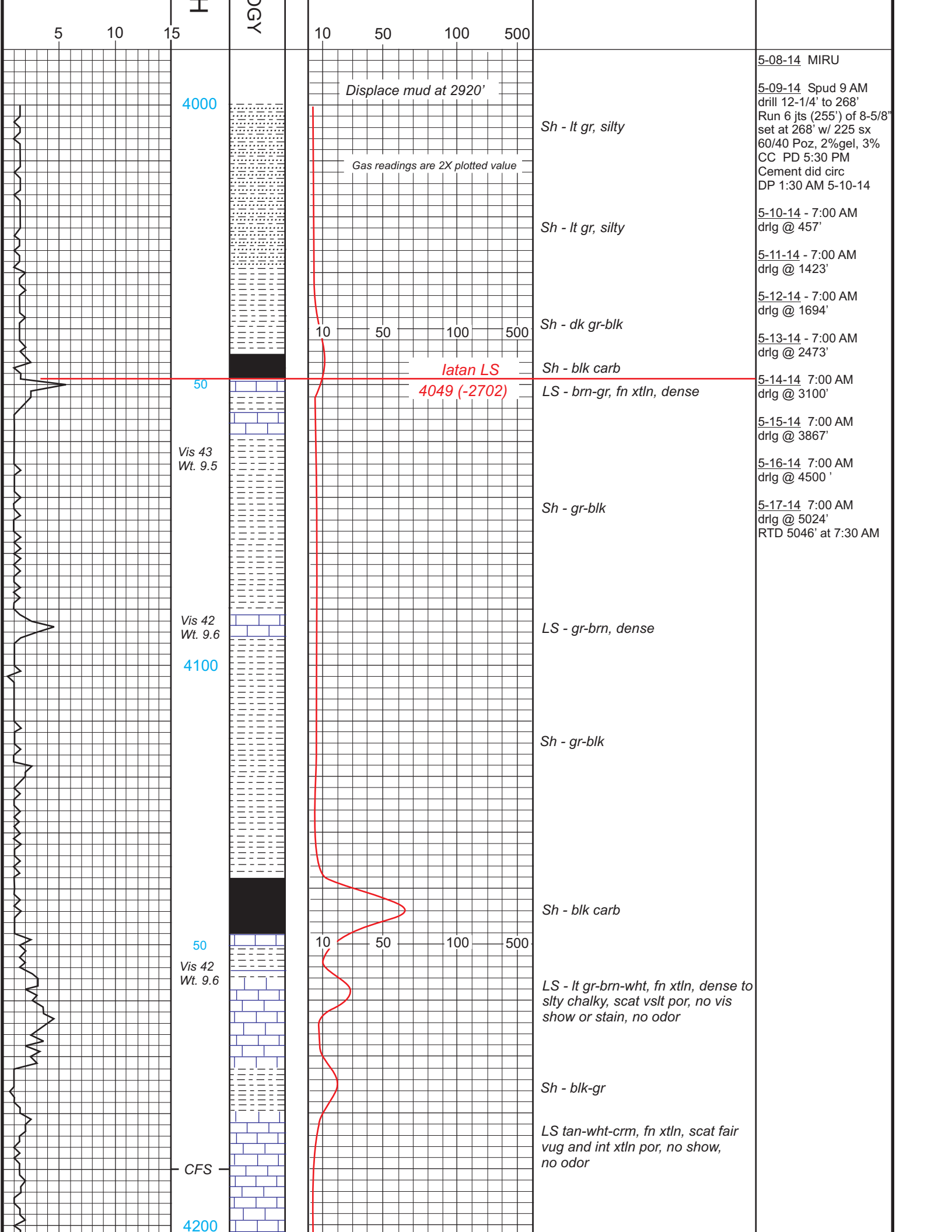
REMARKS Samples and electric logs indicate probable production from the Mississippi from 4594'- 4653'.
A slight show of oil was observed in the Meisner Sand at 4899'-4902', electric logs confirm the presence of sand and this zone should be tested for production.
A slight show of gas was observed in the Chattanooga Shale from 4876'- 4882'.
Electric logs indicate a possible zone in the Hertha LS at 4354'-4359', a very slight sample show (fluorescence) was observed in this interval along with a faint odor, a slight gas increase was recorded.
There were no other zones of interest indicated by samples or electric logs.

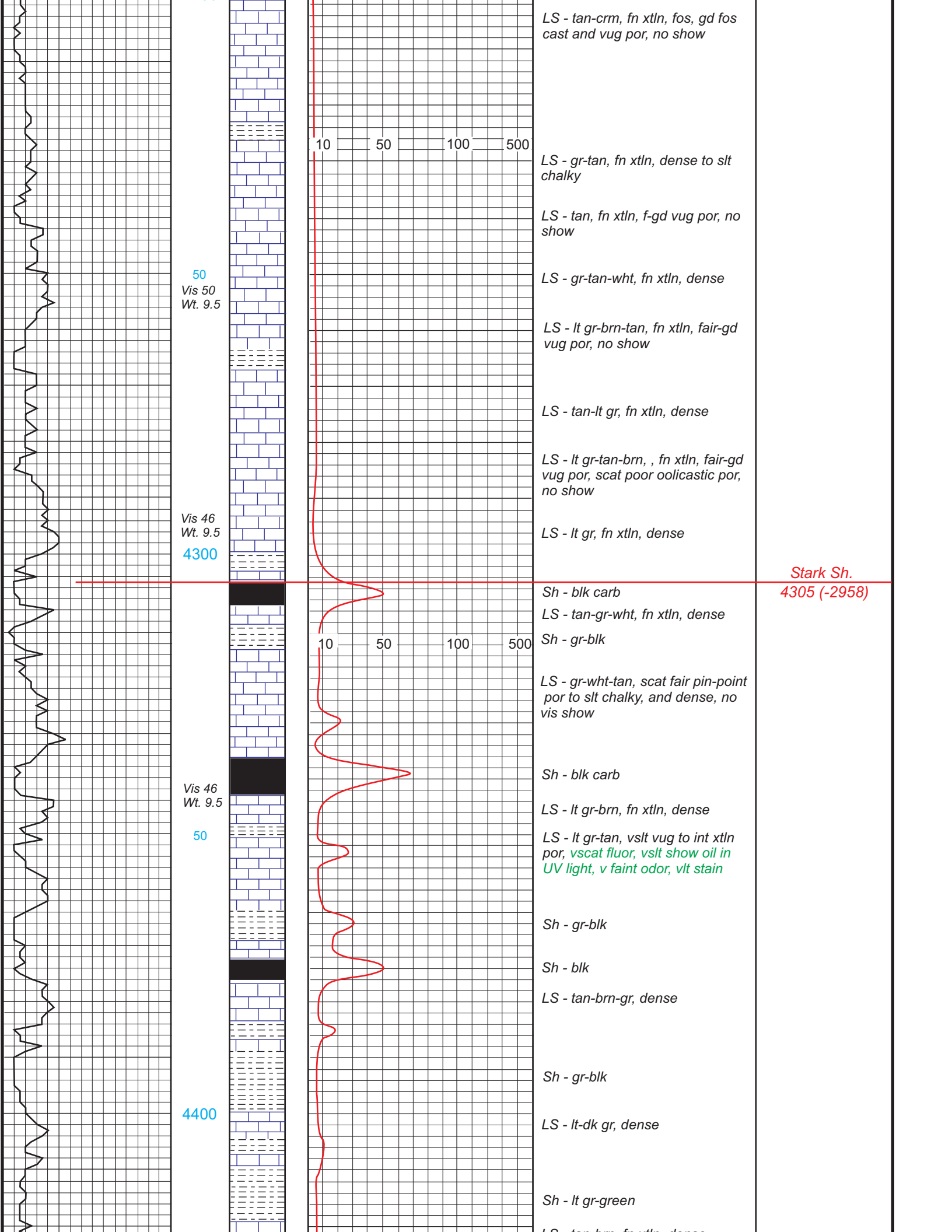
Timothy G. Pierce

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
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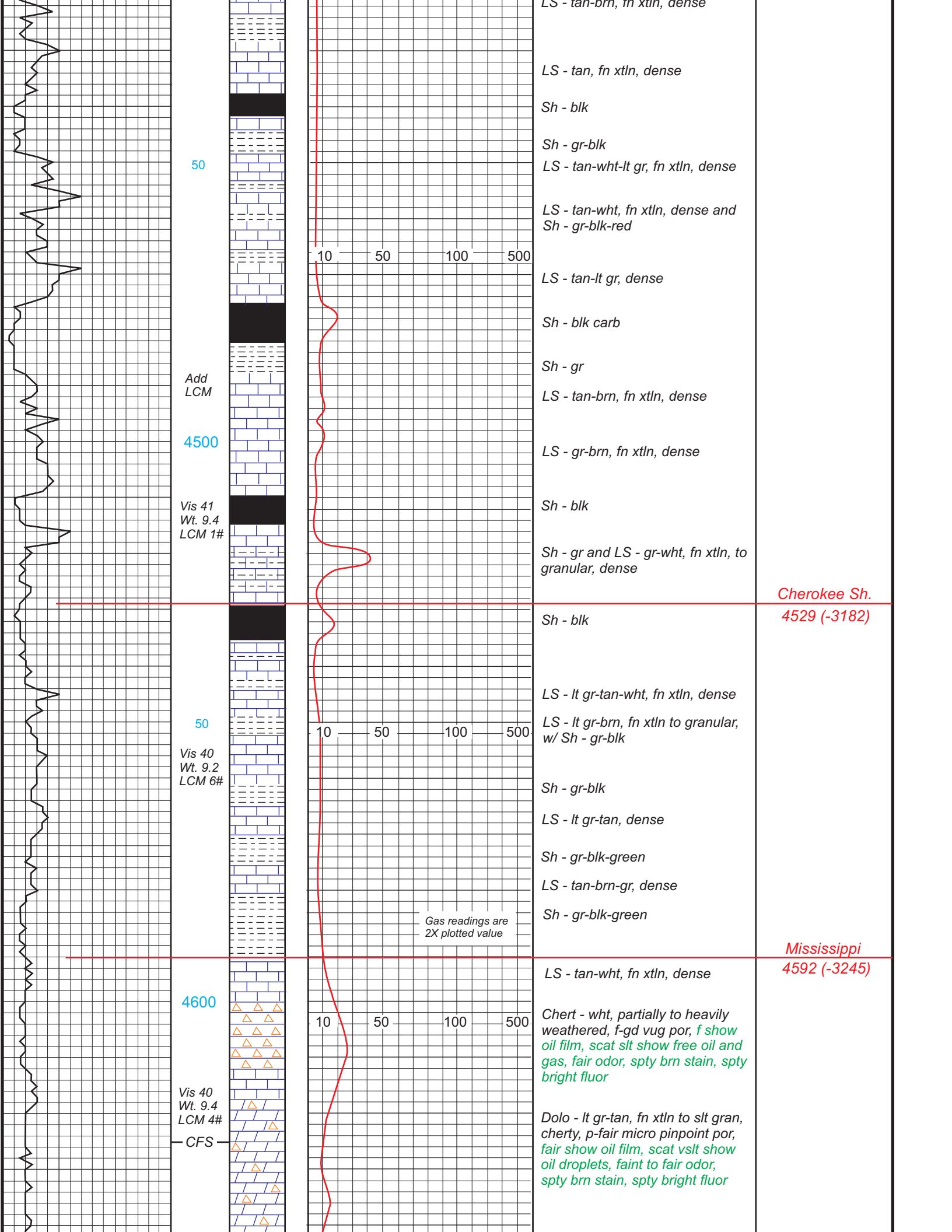


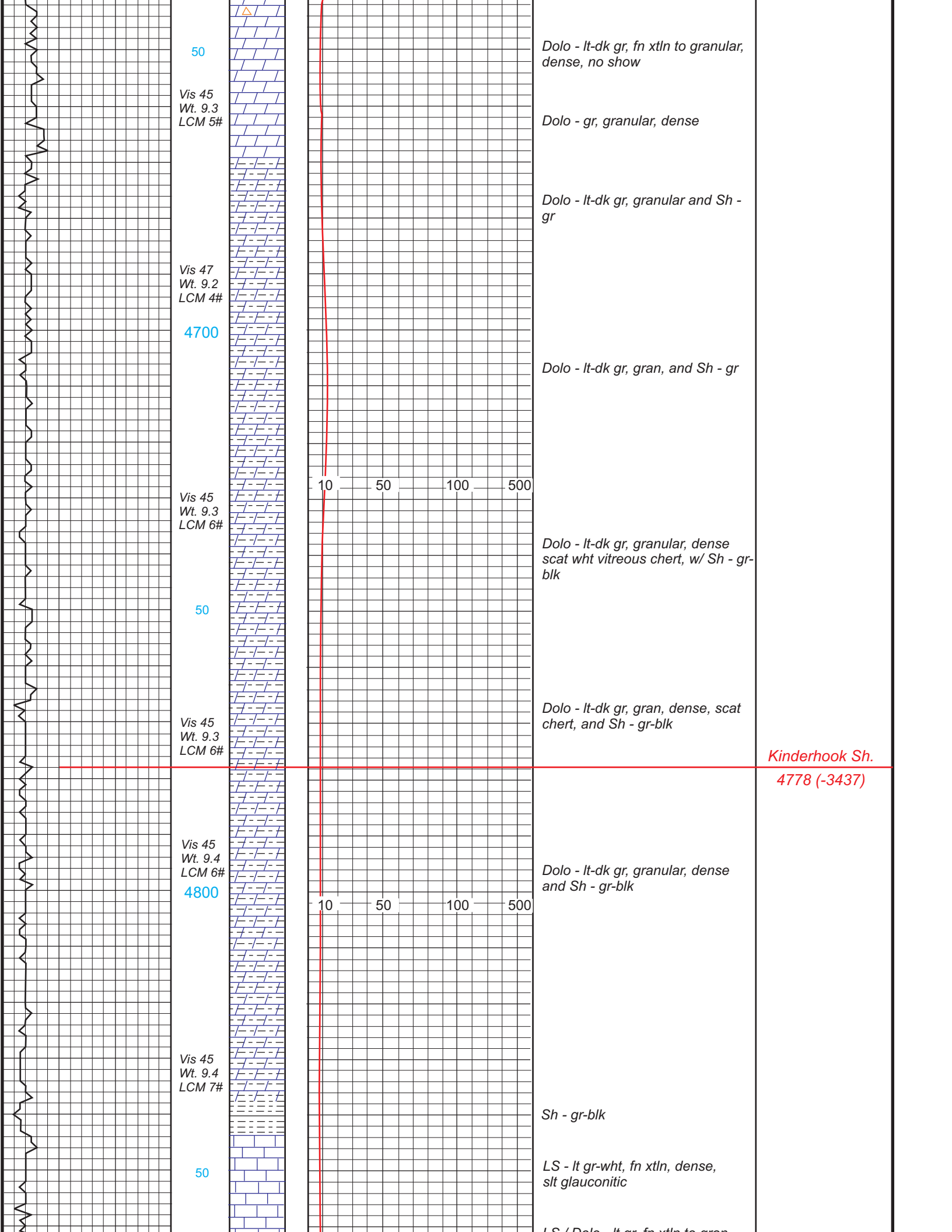
50
Vis 50
Wt. 9.5

Vis 46
Wt. 9.5
4300

Vis 46
Wt. 9.5
50

4400





50

Vis 45
Wt. 9.3
LCM 5#

Dolo - lt-dk gr, fn xtl'n to granular, dense, no show

Dolo - gr, granular, dense

Dolo - lt-dk gr, granular and Sh - gr

Vis 47
Wt. 9.2
LCM 4#

4700

Dolo - lt-dk gr, gran, and Sh - gr

Vis 45
Wt. 9.3
LCM 6#

10 50 100 500

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

50

Vis 45
Wt. 9.3
LCM 6#

Dolo - lt-dk gr, gran, dense, scat chert, and Sh - gr-blk

*Kinderhook Sh.
4778 (-3437)*

Vis 45
Wt. 9.4
LCM 6#

4800

Dolo - lt-dk gr, granular, dense and Sh - gr-blk

10 50 100 500

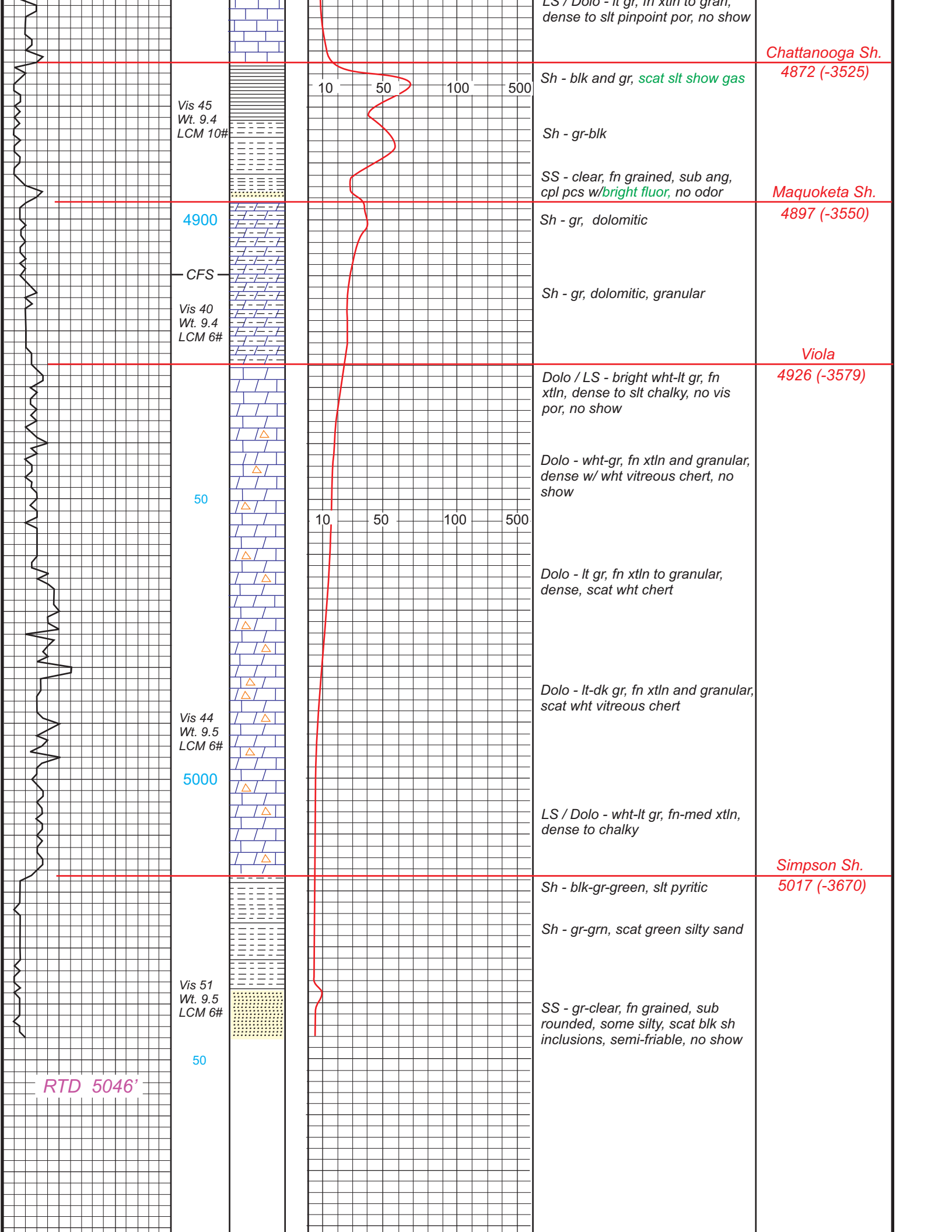
Vis 45
Wt. 9.4
LCM 7#

Sh - gr-blk

50

LS - lt gr-wht, fn xtl'n, dense, slt glauconitic

LS / Dolo - lt gr, fn xtl'n to gran



Chattanooga Sh.
4872 (-3525)

Sh - blk and gr, *scat slt show gas*

Sh - gr-blk

SS - clear, fn grained, sub ang, cpl pcs w/*bright fluor*, no odor

Maquoketa Sh.
4897 (-3550)

Sh - gr, dolomitic

Sh - gr, dolomitic, granular

Viola

4926 (-3579)

Dolo / LS - bright wht-lt gr, fn xtl, dense to slt chalky, no vis por, no show

Dolo - wht-gr, fn xtl and granular, dense w/ wht vitreous chert, no show

Dolo - lt gr, fn xtl to granular, dense, scat wht chert

Dolo - lt-dk gr, fn xtl and granular, scat wht vitreous chert

LS / Dolo - wht-lt gr, fn-med xtl, dense to chalky

Simpson Sh.
5017 (-3670)

Sh - blk-gr-green, slt pyritic

Sh - gr-grn, scat green silty sand

SS - gr-clear, fn grained, sub rounded, some silty, scat blk sh inclusions, semi-friable, no show

Vis 45
Wt. 9.4
LCM 10#

4900

CFS
Vis 40
Wt. 9.4
LCM 6#

50

Vis 44
Wt. 9.5
LCM 6#

5000

Vis 51
Wt. 9.5
LCM 6#

50

RTD 5046'

