



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: _____



1165168

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 059888

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge KS

DATE <u>08/17/13</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>MRR</u>	WELL# <u>E#2</u>	LOCATION <u>Geolane & Bethel, South to Ager,</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		West Past 2nd CG, Turn Right					

CONTRACTOR Hardt #1 OWNER N-10

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 262
 CASING SIZE 8 3/8 DEPTH 263
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 400 MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 20.4t
 PERFS.
 DISPLACEMENT 15 1/2 BBLs Fresh H₂O

CEMENT
 AMOUNT ORDERED 225 cu 60:40:2% Gel + 3% cc

EQUIPMENT

PUMP TRUCK CEMENTER Jason Thimesch
 # 471/265 HELPER Jake Heard
 BULK TRUCK
 # 421/250 DRIVER Darin Franklin
 BULK TRUCK
 # DRIVER

COMMON	<u>135</u>	@	<u>17.90</u>	<u>2416.50</u>
POZMIX	<u>90</u>	@	<u>9.35</u>	<u>841.50</u>
GEL	<u>4</u>	@	<u>23.40</u>	<u>93.60</u>
CHLORIDE	<u>7</u>	@	<u>64.00</u>	
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>241</u>	@	<u>2.48</u>	<u>597.68</u>
MILEAGE	<u>10-15/15/2.60</u>			<u>393.85</u>
TOTAL				<u>4345.13</u>

REMARKS:

SERVICE

DEPTH OF JOB 1512.25
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE 15 @ 7.70 115.50
 MANIFOLD @
A.V 15 @ 4.40 66.00

TOTAL 1693.75

CHARGE TO: N-10
 STREET _____
 CITY _____ STATE _____ ZIP _____

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.

SALES TAX (If Any) _____
 TOTAL CHARGES 6038.88
 DISCOUNT _____ IF PAID IN 30 DAYS
NET 4831.10

PRINTED NAME _____
 SIGNATURE Scott Chodula

ALLIED OIL & GAS SERVICES, LLC 059891

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge KS

DATE <u>08/24/13</u>	SEC. <u>22</u>	TWP. <u>34s</u>	RANGE <u>11w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE/MRP		WELL # <u>E#2</u>		LOCATION <u>Gerlane, Bethel, Angus past</u>		COUNTY	STATE
OLD OR NEW (Circle one)		<u>second CG, Turn Right</u>				<u>Barber</u>	<u>KS</u>

CONTRACTOR Hardt #1 OWNER N-10 Expl

TYPE OF JOB Production

HOLE SIZE <u>7 7/8</u>	T.D. <u>5060</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>5057</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1500</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>32</u>
CEMENT LEFT IN CSG. <u>32</u>	
PERFS.	
DISPLACEMENT <u>123 BBLs 2% KCL H₂O</u>	

EQUIPMENT

PUMP TRUCK # <u>360/302</u>	CEMENTER <u>Jason Thimerech</u>
BULK TRUCK # <u>381/252</u>	HELPER <u>Jake Heard</u>
BULK TRUCK #	DRIVER <u>Carl Backley / James Bowen</u>
BULK TRUCK #	DRIVER <u>Lucas W / Joe H</u>

REMARKS:

CEMENT

AMOUNT ORDERED 40 sk 60:40:4% Gel + 4% SWS 175# Class H + 10% Salt + 5# Kolseal, 12 BBLs ASF, 14 gal KCL

COMMON Class H	175 sk @ 21.20	3710.00
POZMIX	16 @ 9.35	149.60
GEL	2 @ 23.40	46.80
CHLORIDE	@	
A Salt	24 sk @ 17.90	
Salt	7.5 sk @ 26.35	197.62
Kolseal	750 # @ .98	735.00
SWS	14 @ 3.30	46.20
ASF	12 Bbls @ 58.70	704.40
Clapno	14 Gals @ 34.40	481.60
	@	
	@	
	@	
HANDLING	242.09 @ 2.48	600.38
MILEAGE	9.59 / 15 / 2.60	374.01
		TOTAL 7045.61

SERVICE

DEPTH OF JOB	<u>5057</u>	
PUMP TRUCK CHARGE	<u>3099</u>	<u>25</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>15</u> @ 7.70	115.50
MANIFOLD + Head	@	275.00
LV	<u>15</u> @ 4.40	66.00
	@	

TOTAL 3555.72

CHARGE TO: N-10 Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>5 1/2</u>		
Guide Shoe	1 @	153.10
AFU insert	1 @	223.60
Centralizers	8 @ 28.40	227.20
Scratchers	10 @ 36.00	360.00
Rubber Plug	1 @	51.25

TOTAL 1014.55

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 11,615.91

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME TIM PIERCE

SIGNATURE Tim Pierce

(NET) 9495.63

Timothy G. Pierce

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY N-10 Exploration, LLC
 LEASE Medicine River Ranch 'E' #2
 FIELD Landis
 LOCATION 1075' FNL & 817' FEL
 SEC 22 TWP 34S RGE 11W
 COUNTY Barber STATE Kansas
 CONTRACTOR Hardt Drilling Rig #1
 SPUD 8-16-2013 COMP 8-23-2013
 RTD 5060 LTD 5060
 MUD UP 2873 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 4050 to RTD
 GEOLOGIST ON WELL Tim Pierce

ELEVATIONS

KB 1352'
 DF _____
 GL 1342'
 Measurements Are All
 From Kelly Bushing

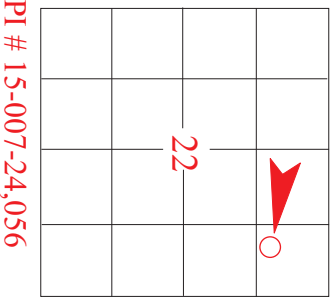
CASING

CONDUCTOR _____
 SURFACE 8-5/8" at 266'
 PRODUCTION 5-1/2" at 5055'

ELECTRICAL SURVEYS

DIL / CN-CD
Pioneer Energy Svcs.


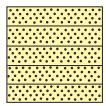
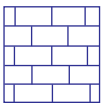
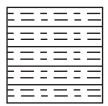

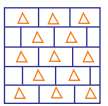

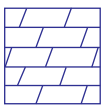
FORMATION TOPS	ELECTRIC LOG	SAMPLE
Heebner Sh.	3635 (2283)	NA
Iatan L.S.	4068 (-2716)	4068 (-2716)
Stark Sh.	4329 (-2977)	4329 (-2977)
Cherokee Sh.	4554 (-3202)	4555 (-3203)
Mississippi	4603 (-3251)	4605 (-3253)
Chattanooga Sh.	4881 (-3529)	4882 (-3530)
Viola	4940 (-3588)	4940 (-3588)
Simpson	5032 (-3680)	5033 (-3681)




REMARKS Samples and electric logs indicate probable production from the Mississippi at 4613'- 4660'.
A slight oil show was noted in the Viola but electric logs indicate a lack of zone development.
Gas shows were observed in the Chattanooga Shale and Hushpuckney Shale.
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


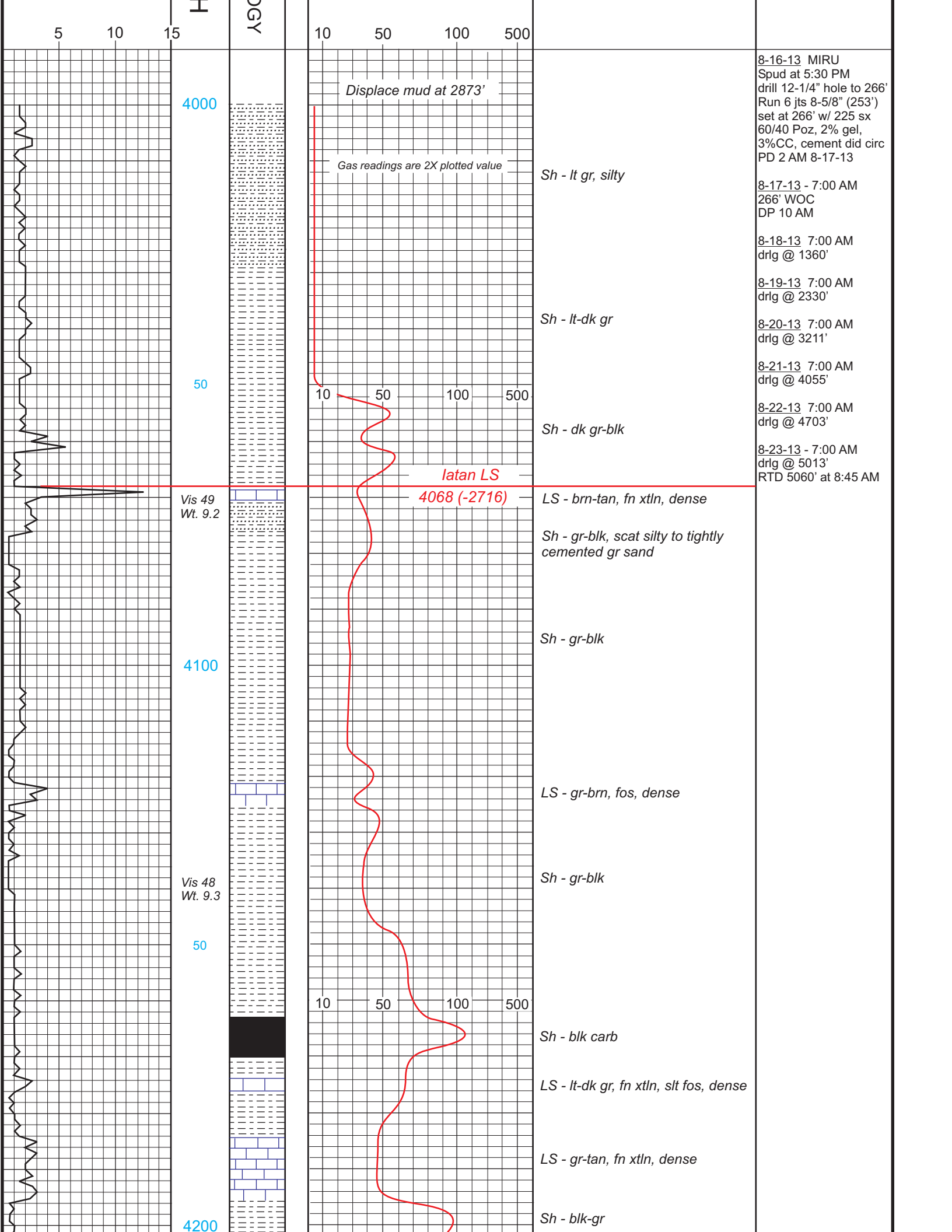
DEPTH

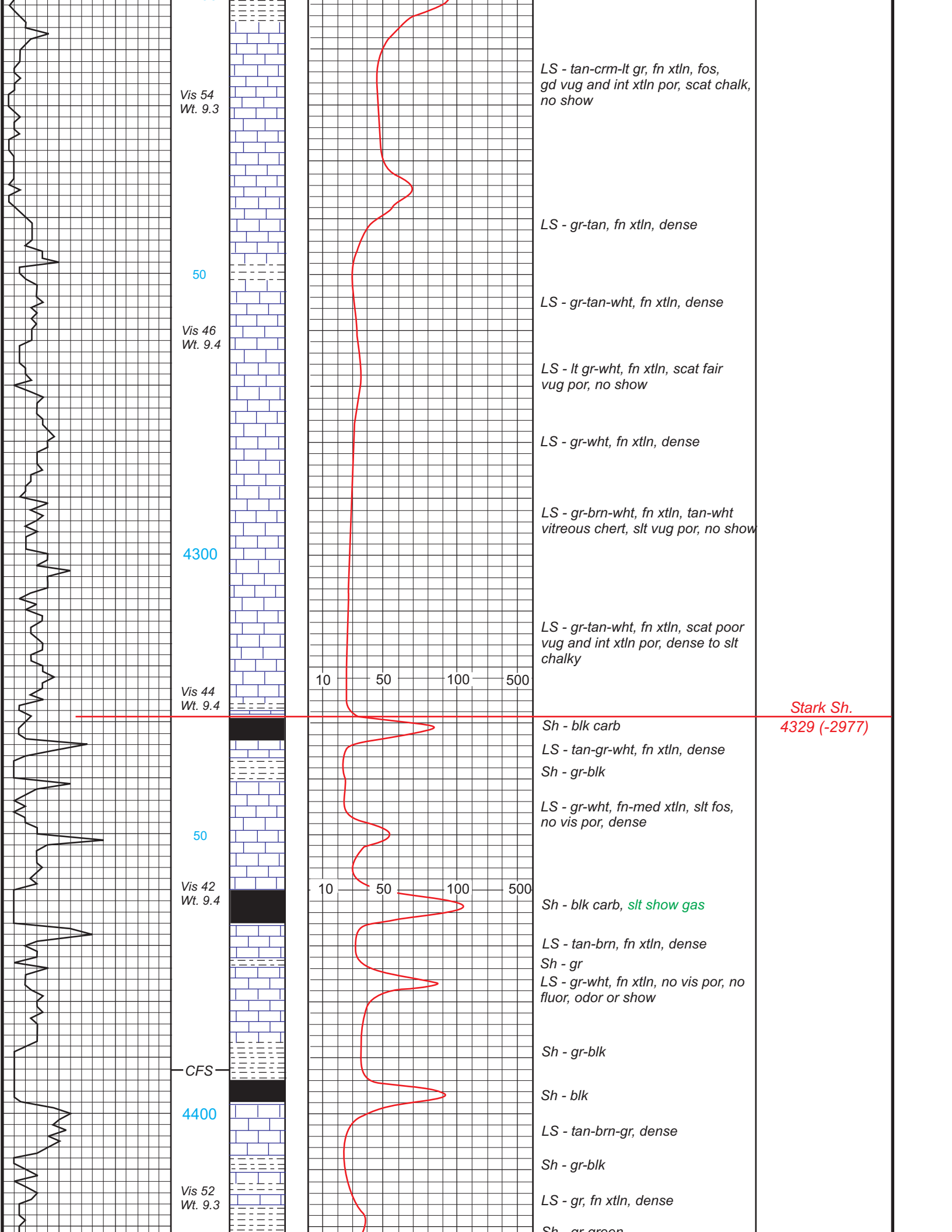
LITHOLOG

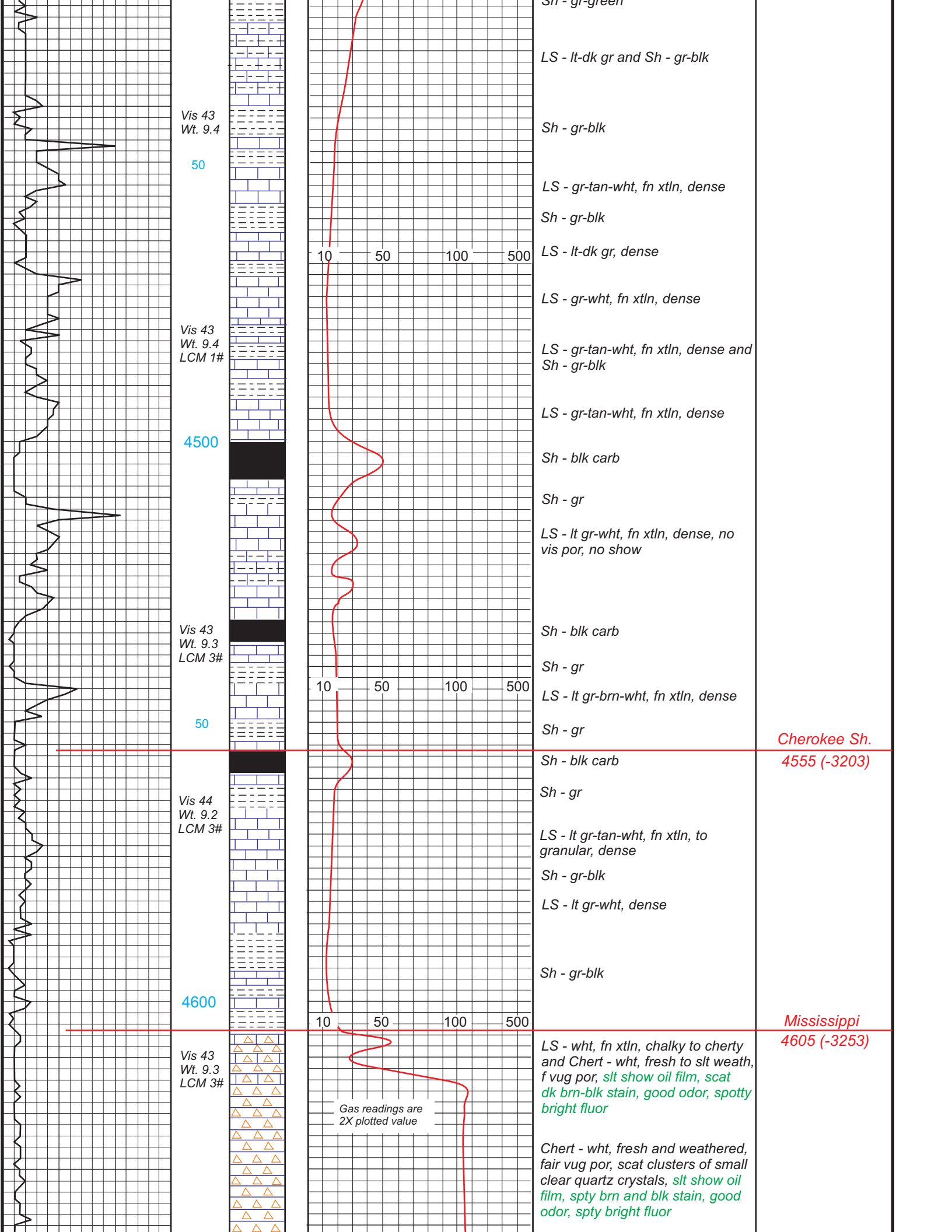
GAS SCALE

SAMPLE DESCRIPTION

REMARKS







Sh - gr-green

LS - lt-dk gr and Sh - gr-blk

Vis 43
Wt. 9.4

Sh - gr-blk

50

LS - gr-tan-wht, fn xtln, dense

Sh - gr-blk

10 50 100 500

LS - lt-dk gr, dense

LS - gr-wht, fn xtln, dense

Vis 43
Wt. 9.4
LCM 1#

LS - gr-tan-wht, fn xtln, dense and
Sh - gr-blk

4500

LS - gr-tan-wht, fn xtln, dense

Sh - blk carb

Sh - gr

LS - lt gr-wht, fn xtln, dense, no
vis por, no show

Vis 43
Wt. 9.3
LCM 3#

Sh - blk carb

10 50 100 500

Sh - gr

LS - lt gr-brn-wht, fn xtln, dense

50

Sh - gr

Cherokee Sh.
4555 (-3203)

Sh - blk carb

Sh - gr

Vis 44
Wt. 9.2
LCM 3#

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

Sh - gr-blk

LS - lt gr-wht, dense

4600

Sh - gr-blk

10 50 100 500

Mississippi
4605 (-3253)

Vis 43
Wt. 9.3
LCM 3#

LS - wht, fn xtln, chalky to cherty
and Chert - wht, fresh to slt weath,
f vug por, slt show oil film, scat
dk brn-blk stain, good odor, spotty
bright fluor

Gas readings are
2X plotted value

Chert - wht, fresh and weathered,
fair vug por, scat clusters of small
clear quartz crystals, slt show oil
film, spty brn and blk stain, good
odor, spty bright fluor

