

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 <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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Trek AEC, LLC
Well Name	DUDREY 8-36
Doc ID	1658352

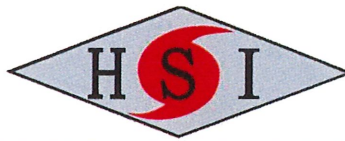
All Electric Logs Run

Dual Induction Log
Sonic Log
Micro Log
Compensated Density

Form	ACO1 - Well Completion
Operator	Trek AEC, LLC
Well Name	DUDREY 8-36
Doc ID	1658352

Tops

Name	Top	Datum
Onaga	2784	-917
Indian Cave	2802	-935
Wabaunsee	2830	-963
Stotler	2978	-1111
Severy Shale	3314	-1447
Topeka	3360	-1493
Kanawaka Shale	3537	-1670
Heebner Shale	3742	-1875
Douglas	3770	-1903
Lansing	3937	-2070
Stark Shale	4226	-2359
Swope	4230	-2363
Hushpuckney Shale	4262	-2395
Base/Kansas City	4354	-2487
Marmaton	4361	-2494
Cherokee Cong.	4414	-2547
Kinderhook	4506	-2639
Viola	4548	-2681
Simpson	4596	-2729
Arbuckle	4704	-2837



Customer Trek AEC		Lease & Well # Dudrey 8-36		Date 7/12/2022	
Service District Oakley KS		County & State Pratt KS		Legals S/T/R 36-29S-12W	
Job Type Surface		<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD		Legals S/T/R New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No	
Equipment #				Job #	
Driver				Ticket # WP 3070	
914 Jimmie		Job Safety Analysis - A Discussion of Hazards & Safety Procedures <input type="checkbox"/> Hard hat <input type="checkbox"/> Gloves <input type="checkbox"/> Lockout/Tagout <input type="checkbox"/> Warning Signs & Flagging <input type="checkbox"/> H2S Monitor <input type="checkbox"/> Eye Protection <input type="checkbox"/> Required Permits <input type="checkbox"/> Fall Protection <input type="checkbox"/> Safety Footwear <input type="checkbox"/> Respiratory Protection <input type="checkbox"/> Slip/Trip/Fall Hazards <input type="checkbox"/> Specific Job Sequence/Expectations <input type="checkbox"/> FRC/Protective Clothing <input type="checkbox"/> Additional Chemical/Acid PPE <input type="checkbox"/> Overhead Hazards <input type="checkbox"/> Muster Point/Medical Locations <input type="checkbox"/> Hearing Protection <input type="checkbox"/> Fire Extinguisher <input type="checkbox"/> Additional concerns or issues noted below			
528/520 Spencer					
165/533 Austin					
Comments					

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP070	60/40/2 Pozmix	sack	275.00	\$3,960.00
CP100	Calcium Chloride	lb	711.00	\$511.92
CP120	Cello-flake	lb	69.00	\$115.92
FE285	8 5/8" Rubber Plug	ea	1.00	\$168.00
M015	Light Equipment Mileage	mi	20.00	\$40.00
M010	Heavy Equipment Mileage	mi	40.00	\$160.00
M020	Ton Mileage	tm	237.00	\$355.50
C035	Cement Data Acquisition	job	1.00	\$240.00
C050	Cement Plug Container	job	1.00	\$240.00
C060	Cement Blending & Mixing Service	sack	275.00	\$369.60
D010	Depth Charge: 0'-500'	job	1.00	\$960.00
R061	Service Supervisor	day	1.00	\$264.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?			Net: \$7,384.94
Based on this job, how likely is it you would recommend HSI to a colleague? <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div> <div style="text-align: center;"> Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely </div> </div>			Total Taxable \$ - Tax Rate: _____ Sale Tax: \$ - Total: \$ 7,384.94
State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.			
HSI Representative: <i>Jimmie Cottrell</i>			

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer:	Trek AEC	Well:	Dudrey 8-36	Ticket:	WP 3070
City, State:	Oakley KS	County:	Pratt KS	Date:	7/12/2022
Field Rep:	Pusher	S-T-R:	36-29S-12W	Service:	Surface

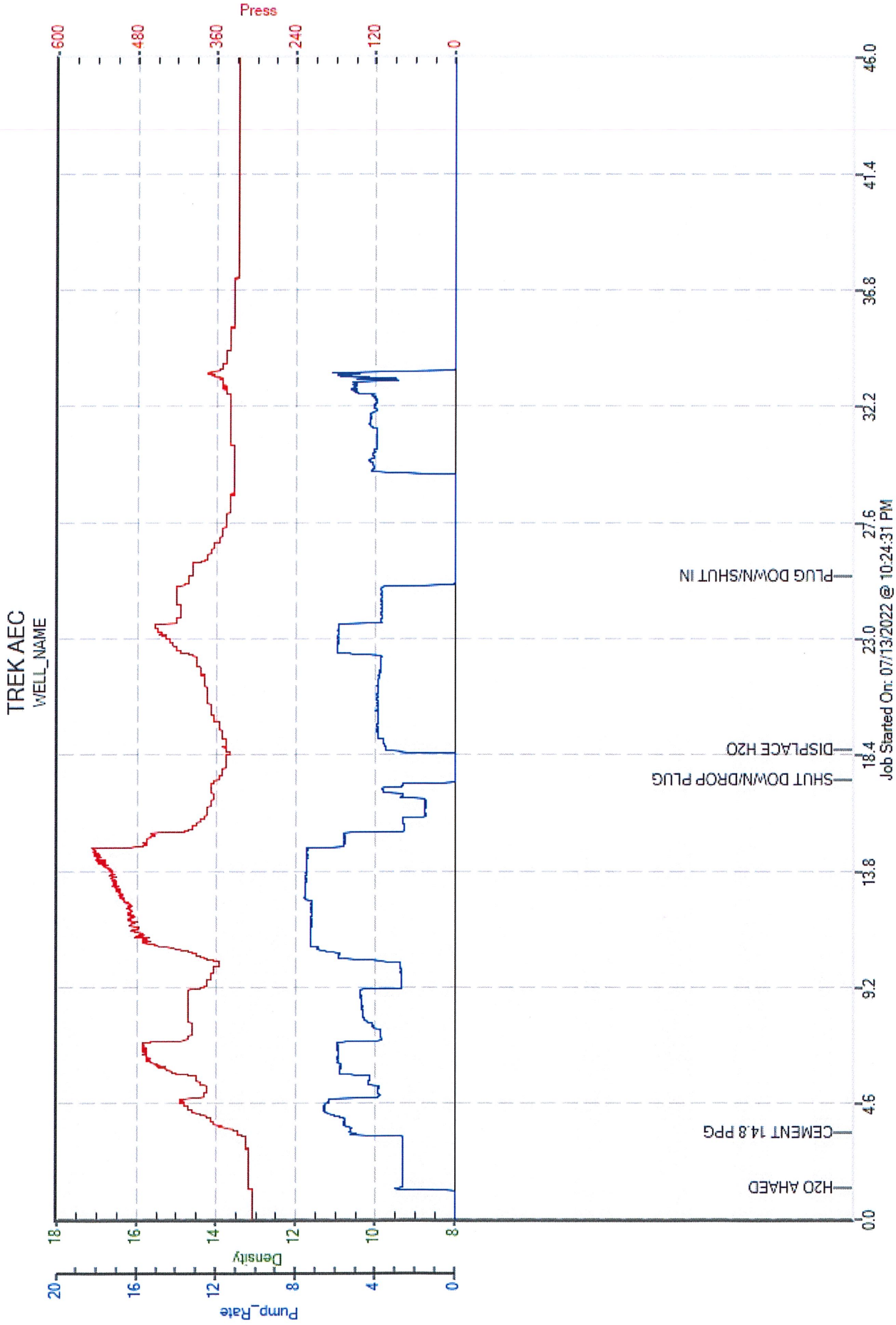
Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	440 ft
Casing Size:	8 5/8 in
Casing Depth:	435 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	26.5 bbls

Calculated Slurry - Lead	
Blend:	60/40/2
Weight:	14.8 ppg
Water / Sx:	5.2 gal / sx
Yield:	1.21 ft ³ / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	59.3 bbls
Total Sacks:	275 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	STAGE TOTAL BBLs	REMARKS
800P			-	-	ON LOCATION
810P				-	SAFETY MEETING
820P				-	RIG UP
1005P				-	CASING ON BOTTOM
1015P				-	CIRCULATE WITH RIG PUMP
1022P	3.5	100.0	5.0	5.0	H2O AHEAD
1025P	6.2	170.0	59.3	64.3	CEMENT 14.8 PPG @ 435 FT
1040P				64.3	DROP PLUG
1041P	4.0	220.0	26.5	90.8	DISPLACE H2O
1045P				90.8	PLUG DOWN
1049P				90.8	WASH UP
1056P					RIG DOWN
1104P					LEFT LOCATION

CREW	UNIT	SUMMARY			
Cementer:	Jimmie	914	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Spencer	528/520	4.6 bpm	163 psi	91 bbls
Bulk #1:	Austin	165/533			
Bulk #2:					



Job Started On: 07/13/2022 @ 10:24:31 PM



Customer	Trek Aec LLC	Lease & Well #	Dudrey 8-36	Date	7/19/2022
Service District	Pratt Kansas	County & State	Pratt, Kansas	Legals S/T/R	36-29s-12w
Job Type	PTA	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	Job #
				New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No
					Ticket #
					wp 3097


Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
916	M Brungardt	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
179/521	A Clifton	<input type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
182/256	F Conterass	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Comments

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
cp055	H-Plug	sack	220.00	\$2,956.80
m015	Light Equipment Mileage	mi	20.00	\$40.00
m010	Heavy Equipment Mileage	mi	40.00	\$160.00
m025	Ton Mileage - Minimum	each	1.00	\$300.00
c060	Cement Blending & Mixing Service	sack	220.00	\$295.68
d015	Depth Charge: 4001'-5000'	job	1.00	\$2,400.00
c035	Cement Data Acquisition	job	1.00	\$240.00
r061	Service Supervisor	day	1.00	\$264.00
c025	Cement Pump - Hourly Service	hr	2.00	\$350.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net: \$7,006.48	
Based on this job, how likely is it you would recommend HSI to a colleague? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Unlikely 1 2 3 4 5 6 7 8 9 10 Extremly Likely		Total Taxable \$ - Tax Rate: State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.	Sale Tax: \$ - Total: \$ 7,006.48
		HSI Representative: <i>Mark Brungardt</i>	

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X  **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer: Trek Aec LLC	Well: Dudrey 8-36	Ticket: wp 3097
City, State: Isabelle Kansas	County: Pratt.Kansas	Date: 7/19/2022
Field Rep: John Rousch	S-T-R: 36-29s-12w	Service: PTA

Downhole Information	
182/256	7 7/8 in
Hole Depth:	4712 ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	60.0 bbls

Calculated Slurry - Lead	
Blend:	H- plug
Weight:	13.7 ppg
Water / Sx:	6.8 gal / sx
Yield:	1.40 ft³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	54.8 bbls
Total Sacks:	220 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
5:15 AM			-	-	onlocation job and safety
5:20 AM			-	-	spot trucks and rig up
			-	-	
			-	-	1st plug 50 sacks at 4712 ft
6:50 AM	4.0	400.0	3.0	3.0	fresh water
	4.0	400.0	12.4	15.4	mix 50 sacks cement
	4.0	400.0	3.0	18.4	fresh water
	4.0	400.0	55.0	73.4	mud
			-	-	
			-	-	2nd plug 50 sacks at 750 ft
9:45 AM	4.0	100.0	3.0	3.0	fresh water
	4.0	100.0	12.4		mix 50 sacks cement
	1.0	100.0	7.0		diplacement
					3rd plug 50 sacks at 480 ft
10:05 AM	4.0	100.0	3.0		fresh water
	4.0	100.0	12.4		mix 50 sacks cement
	4.0	100.0	3.0		displacement
10:45 AM	2.0	-	5.0		60 ft mix 20 sacks
11:00 AM	2.0	-	7.5		rathole mix 30 sacks
10:55 AM	2.0	-	5.0		mouse hole mix 20 sacks

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	A Clifton	179/521	3.3 bpm	169 psi	132 bbls
Bulk #1:	F Conterass	182/256			
Bulk #2:					

David A. Barker

CONSULTING GEOLOGIST

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Dudrey #8-36
API: 15-151-22549
Location: 36-T29S-R12W
License Number:
Spud Date: 07/12/2022
Surface Coordinates: 330' FNL & 2131'FWL

Region: Pratt County, Kansas
Drilling Completed: 07/18/2022

Bottom Hole
Coordinates:
Ground Elevation (ft): 1859 K.B. Elevation (ft): 1867
Logged Interval (ft): To: 4825 Total Depth (ft): 4825
Formation: Arbuckle
Type of Drilling Fluid: chemical

Printed by WellSight LogViewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Trek AEC, LLC
Address: 200 West Douglas
Suite 101
Wichita, Kansas 67202

GEOLOGIST

Name: David A. Barker
Company:
Address: 212 N. Market, Suite# 320
Wichita, Kansas 67202
(316) 259-4294, 2 Barker@sbcglobal.net

Contractor

Fossil Drilling Rig #5, Main, 100 S. Main,
Pratt, Kansas

Daily Status

7/12/2022: Spud well at 1:30 P.M., ran 8 5/8" to 435' with 275 sx of 60/40 poz., plug down at 10:45 P.M.
7/13/2022: 442 hole depth, 10:00 A.M. drill plug, survey @ 1007 1.5 degree, Survey @ 1259 3/4 degree.
7/14/2022: morning depth 1791, survey @ 1796 1 degree, survey @ 2301 1 degree, survey @ 2837 1 degree.
7/15/2022: morning depth 3013, survey @ 3311 1 degree, Survey @ 3815 1 degree, lost returns @ 3934 trip out 15 stands and mix mud and build mud volumn.
7/16/2022: morning depth of 3934', Survey @ 4352 1 degree,
7/17/2022: morning depth of 4516'
7/18/2022: morning depth of 4714' RTD @ 4825, Run Elogs and make decision to plug well, plug down at 7 A. M.
7/19/2022: Lay down drill pipe, rig released at 3:00 P.M.

Remarks

The primary potentially productive zone at the Dudrey #8-36 location was the Mississippian Osage "Chert" formation. At this location Most of the Mississippian interval has been replaced by the Basal Penn Conglomerate. The Basal Penn Conglomerate samples from this interval consisted of varied colored cherts and shales which lacked oil and gas zone development. A limestone and fresh chert zone from 4550 to 4600 is believed to be Mississippian in age; and was devoid of oil and gas shows. The interval 4550 to 4600 could be correlated as Viola but the well samples from this interval do not support this hypothesis. A review of both the well samples and the electric log information from this wellbore failed to indicate that there were commercial reservoir at this location. The decision to plug and abandon the well was made on 7/19/2022. After losing circulation at 3934, the well sample quality suffered for the rest of the well because of: the wellbore was constantly seeping mud and or losing circulation and the mud viscosity was kept lower than normal. In an attempt to prevent lost circulation, LCM up to 24 lbs/bbl was maintained in the system. By the end of the well it was estimated that over 1700 barrels to 1800 barrels of drilling fluid had been lost. David Barker

ACCESSORIES

INTERVALS

- Core
- Dst
- Dst

EVENTS

- ▽ Rft
- ▾ Sidewall
- ⊙ Cfs
- ⊔ Conn

POROSITY TYPE

- ⊔ Earthy
- ⊔ Fenest
- ⊔ Fracture
- ⊔ Inter
- ⊔ Moldic
- ⊔ Organic
- ⊔ Pinpoint
- ⊔ Vuggy

LITHOLOGY

- ▨ Anhy
- ▨ Cht
- ▨ Congl
- ▨ Shale
- ▨ Shgy
- ▨ Ss
- ▨ Carb shale
- ▨ Gray shale
- ▨ Sandy lmst

- ▨ Shale
- ▨ Slt stn
- ▨ Shaly slst
- ▨ Sltly shale
- ▨ Blank
- ▨ Gray lmst
- ▨ Cream lmst
- ▨ Red shale
- ▨ Blue-green siltstn
- ▨ D. green shale
- ▨ Green shale
- ▨ Brown lmst
- ▨ Brown shale
- ▨ Brown dol
- ▨ Brown cream
- ▨ D. green lmst
- ▨ Light cream lmst
- ▨ Gray cream lmst
- ▨ Green dol
- ▨ Gray dol

FOSSIL

- ⊔ Algae
- ⊔ Amph
- ⊔ Belm
- ⊔ Bioclst
- ⊔ Brach
- ⊔ Bryozoa
- ⊔ Cephal
- ⊔ Coral
- ⊔ Crin

- ⊔ Echin
- ⊔ Fish
- ⊔ Foram
- ⊔ Fossil
- ⊔ Gastro
- ⊔ Oolite
- ⊔ Ostra
- ⊔ Pelec
- ⊔ Pellet
- ⊔ Pisolite
- ⊔ Plant
- ⊔ Strom
- ⊔ Fuss
- ⊔ Oomold

MINERAL

- ▨ Anhy
- ▨ Arggrn
- ▨ Arg
- ▨ Bent
- ▨ Bit
- ▨ Breclfrag
- ▨ Calc
- ▨ Carb
- ▨ Chtdk
- ▨ Chtlt
- ▨ Dol
- ▨ Feldspar
- ▨ Ferrpel
- ▨ Ferr
- ▨ Glau

- ▨ Gyp
- ▨ Hvymin
- ▨ Kaol
- ▨ Marl
- ▨ Minxl
- ▨ Nodule
- ▨ Phos
- ▨ Pyr
- ▨ Salt
- ▨ Sandy
- ▨ Silt
- ▨ Sil
- ▨ Sulphur
- ▨ Tuff
- ▨ Chlorite
- ▨ Dol
- ▨ Sand
- ▨ Sltly

STRINGER

- ▨ Anhy
- ▨ Arg
- ▨ Bent
- ▨ Coal
- ▨ Dol
- ▨ Gyp
- ▨ Ls
- ▨ Mrst
- ▨ Sltstrg
- ▨ Ssstrg
- ▨ Carbsh

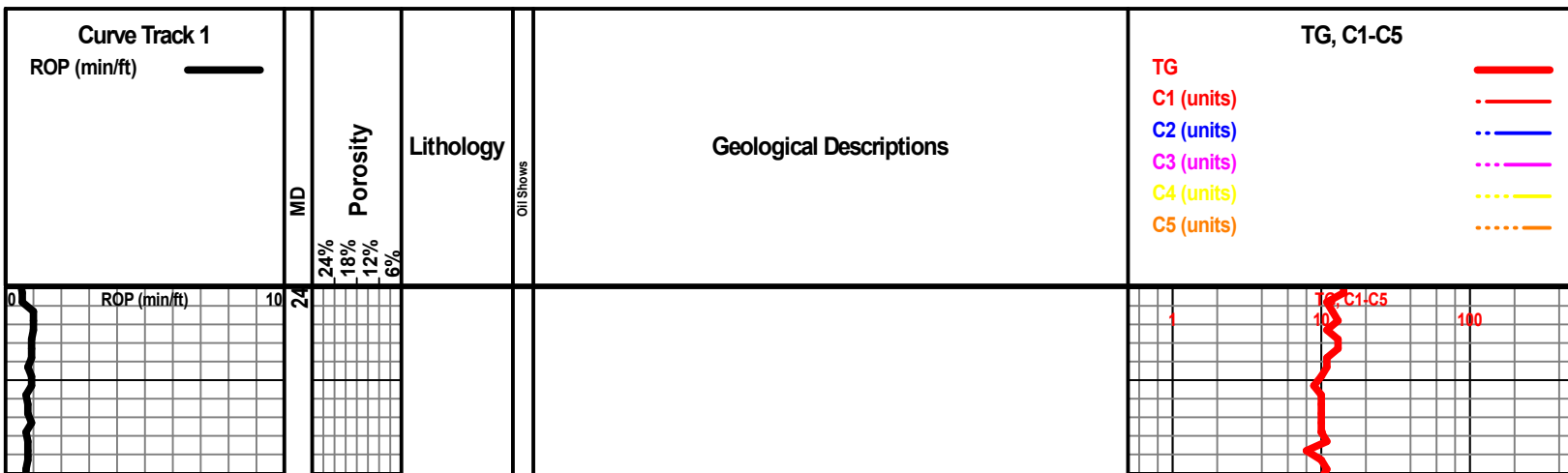
- ▨ Clystn
- ▨ Dol
- ▨ Grysh
- ▨ Gryslt
- ▨ Lms
- ▨ Sandylms
- ▨ Sh
- ▨ Sltstn

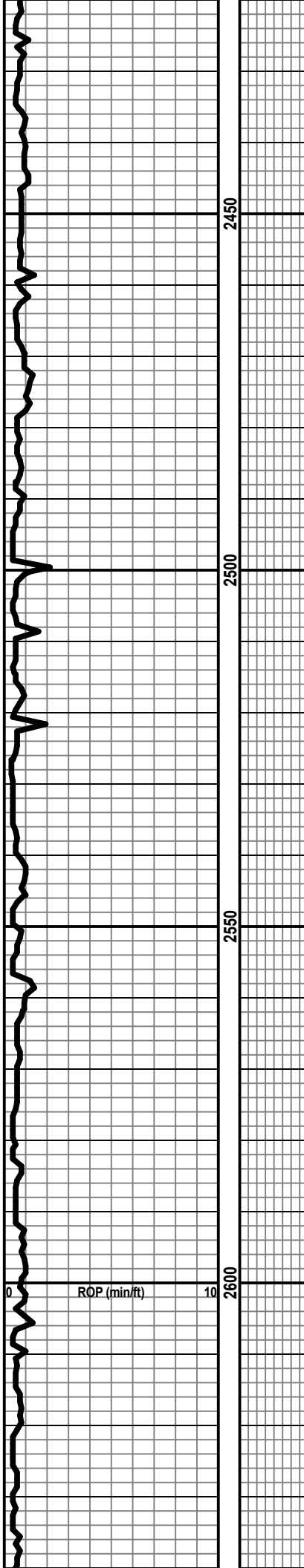
TEXTURE

- ⊔ Boundst
- ⊔ Chalky
- ⊔ Cryxln
- ⊔ Earthy
- ⊔ Finexln
- ⊔ Grainst
- ⊔ Lithogr
- ⊔ Microxln
- ⊔ Mudst
- ⊔ Packst
- ⊔ Wackest

OIL SHOWS

- ⊔ Even
- ⊔ Spotted
- ⊔ Ques
- ⊔ Dead
- ⊔ Gas show





2450

2500

2550

2600

ROP (min/ft)

10

LS: cream to cream/gray, finexyln, fossiliferous in part, fossile pack stone in part, Shale: gray to dark gray. LS: tan, cryptoxyln, dense no visable porosity.

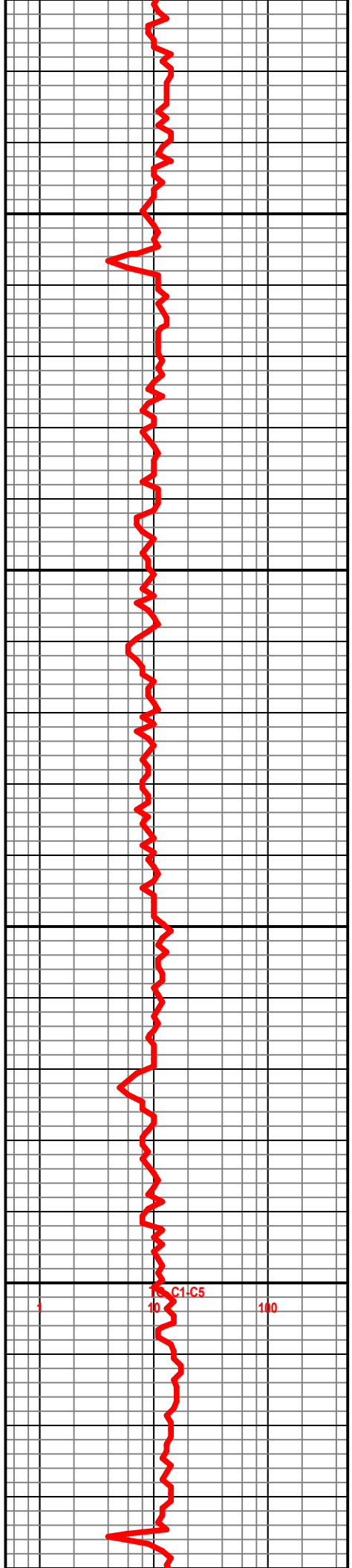
LS: cream oolitic, scattered fossiliferous streaks with fossile moldic porosity, poor interxyln porosity.

LS: cream, micaceous, pinpoint porosity, fossile porosity, Shale: gray,

LS: redish/gray/green, fine xyln, LS: cream, light brown, microxyln, no visable porosity, Shale: gray

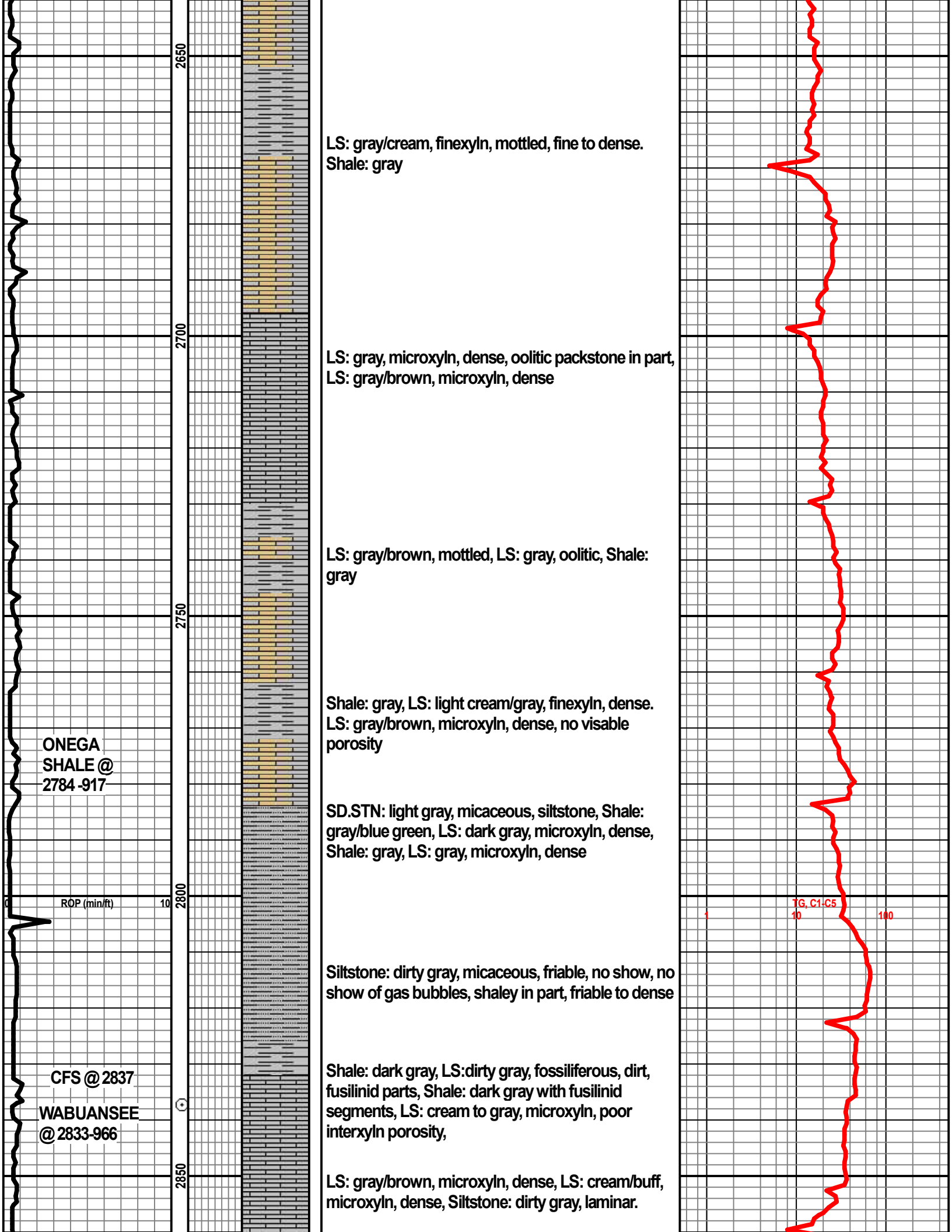
LS: redish brown, cream/red, finexyln, no visable porosity, LS: cream/gray/green, finsxyln, no visable porosity, Shale: gray

Shale: black, fossiliferous, LS: gray/cream, finexyln, dense, LS: brown/gray, medium xyln, with fossiliferous streaks



C1-C5

100



2650
2700
2750
2800
2850

LS: gray/cream, finexyln, mottled, fine to dense.
Shale: gray

LS: gray, microxyln, dense, oolitic packstone in part,
LS: gray/brown, microxyln, dense

LS: gray/brown, mottled, LS: gray, oolitic, Shale:
gray

Shale: gray, LS: light cream/gray, finexyln, dense.
LS: gray/brown, microxyln, dense, no visable porosity

SD.STN: light gray, micaceous, siltstone, Shale:
gray/blue green, LS: dark gray, microxyln, dense,
Shale: gray, LS: gray, microxyln, dense

Siltstone: dirty gray, micaceous, friable, no show, no
show of gas bubbles, shaley in part, friable to dense

Shale: dark gray, LS: dirty gray, fossiliferous, dirt,
fusilinid parts, Shale: dark gray with fusilinid
segments, LS: cream to gray, microxyln, poor
interxyln porosity,

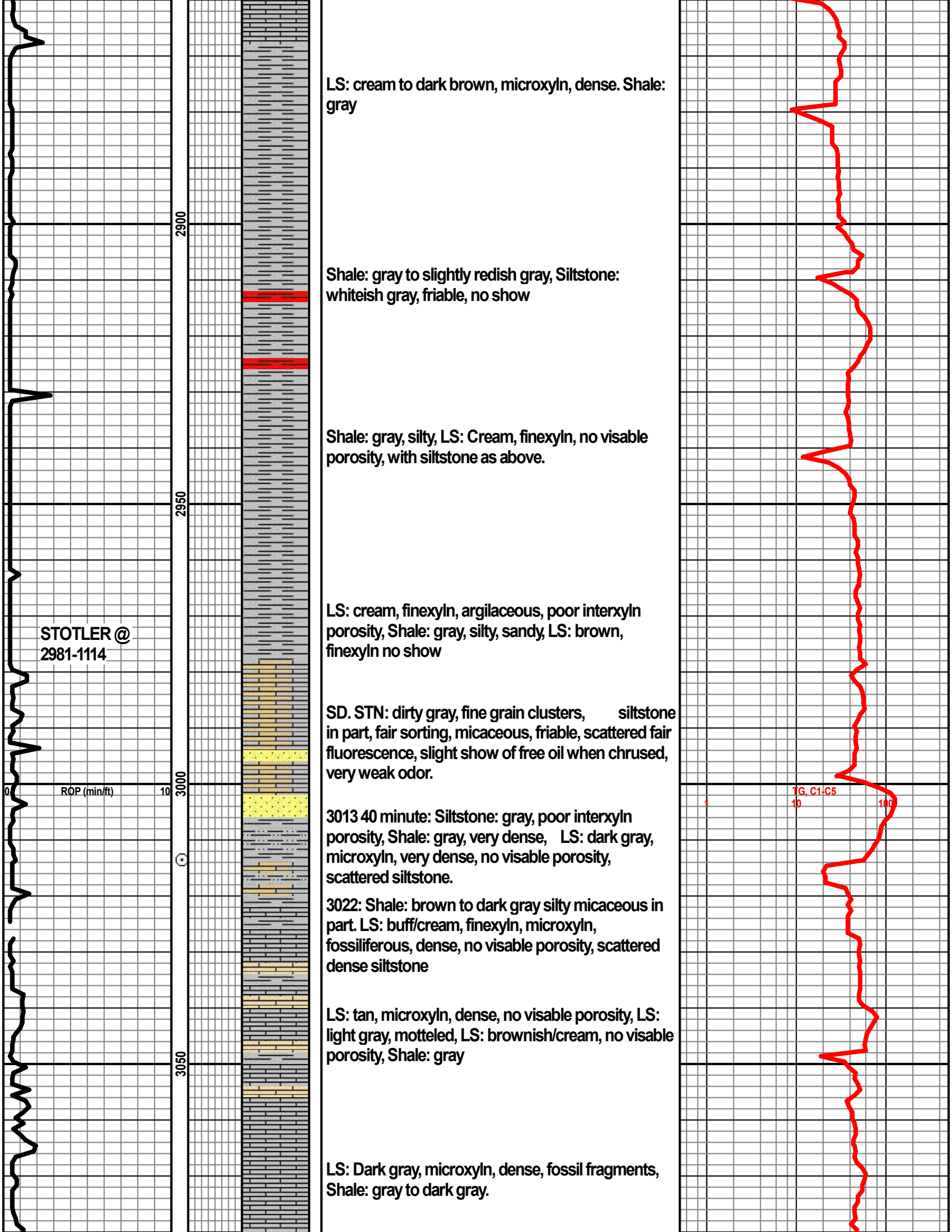
LS: gray/brown, microxyln, dense, LS: cream/buff,
microxyln, dense, Siltstone: dirty gray, laminar.

ONEGA
SHALE @
2784 -917

ROP (min/ft)

CFS @ 2837
WABUANSEE
@ 2833-966

TG, C1-C5
10 100



LS: cream to dark brown, microxyn, dense. Shale: gray

Shale: gray to slightly redish gray, Siltstone: whiteish gray, friable, no show

Shale: gray, silty, LS: Cream, finexyn, no visable porosity, with siltstone as above.

LS: cream, finexyn, argilaceous, poor interxyn porosity, Shale: gray, silty, sandy, LS: brown, finexyn no show

SD. STN: dirty gray, fine grain clusters, siltstone in part, fair sorting, micaceous, friable, scattered fair fluorecence, slight show of free oil when chrused, very weak odor.

3013 40 minute: Siltstone: gray, poor interxyn porosity, Shale: gray, very dense, LS: dark gray, microxyn, very dense, no visable porosity, scattered siltstone.

3022: Shale: brown to dark gray silty micaceous in part. LS: buff/cream, finexyn, microxyn, fossiliferous, dense, no visable porosity, scattered dense siltstone

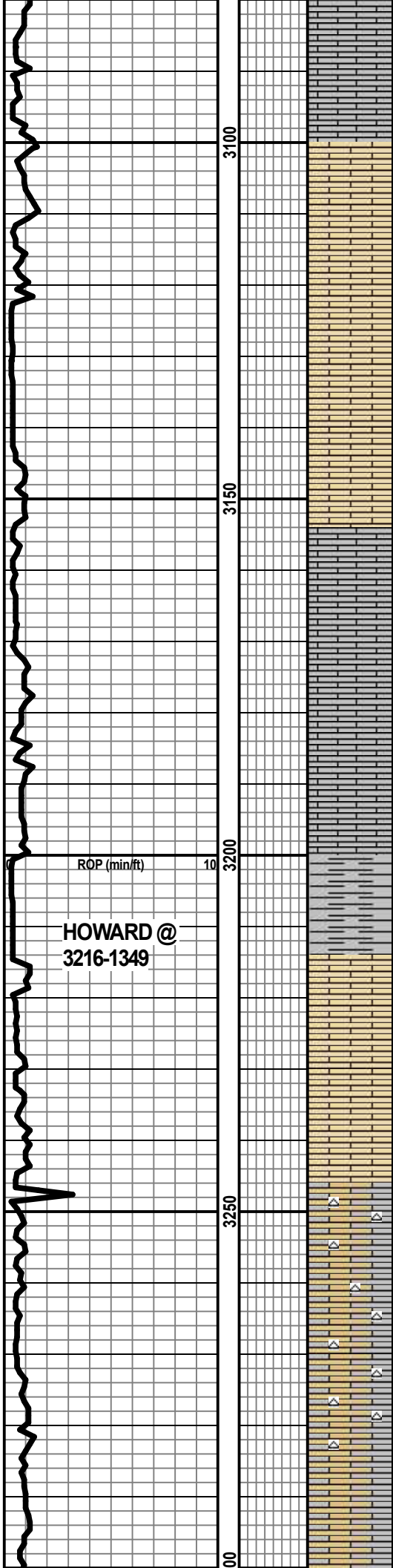
LS: tan, microxyn, dense, no visable porosity, LS: light gray, mottled, LS: brownish/cream, no visable porosity, Shale: gray

LS: Dark gray, microxyn, dense, fossil fragments, Shale: gray to dark gray.

STOTLER @
2981-1114

ROP (min/ft)

TG, C1-C5
10 100



Shale: gray to red, LS: gray/cream, finexyln, poor interexyln porosity, sample mostly sluff from the displacement.

Shale: gray, LS: blond, finexyln, fossile moldic porosity, poor interexyln porosity.

LS: gray/brown to gray/buff, microxyln, dense, no visable porosity, scattered slight visable porosity, LS: gray/green, microxyln, platey, dense, dark gray pellitoids,

LS: dark black, mealy, poor interexyln porosity, LS: cream/buff, finexyln, cryptoxyln in part, poor interexyln porosity, Shale: gray

Shale: gray

LS: cream, finexyln, poor interexyln porosity, slight visable porosity, Shale: gray

LS: cream/gray, microxyln, dense, no visable porosity, scattered porcelain chert

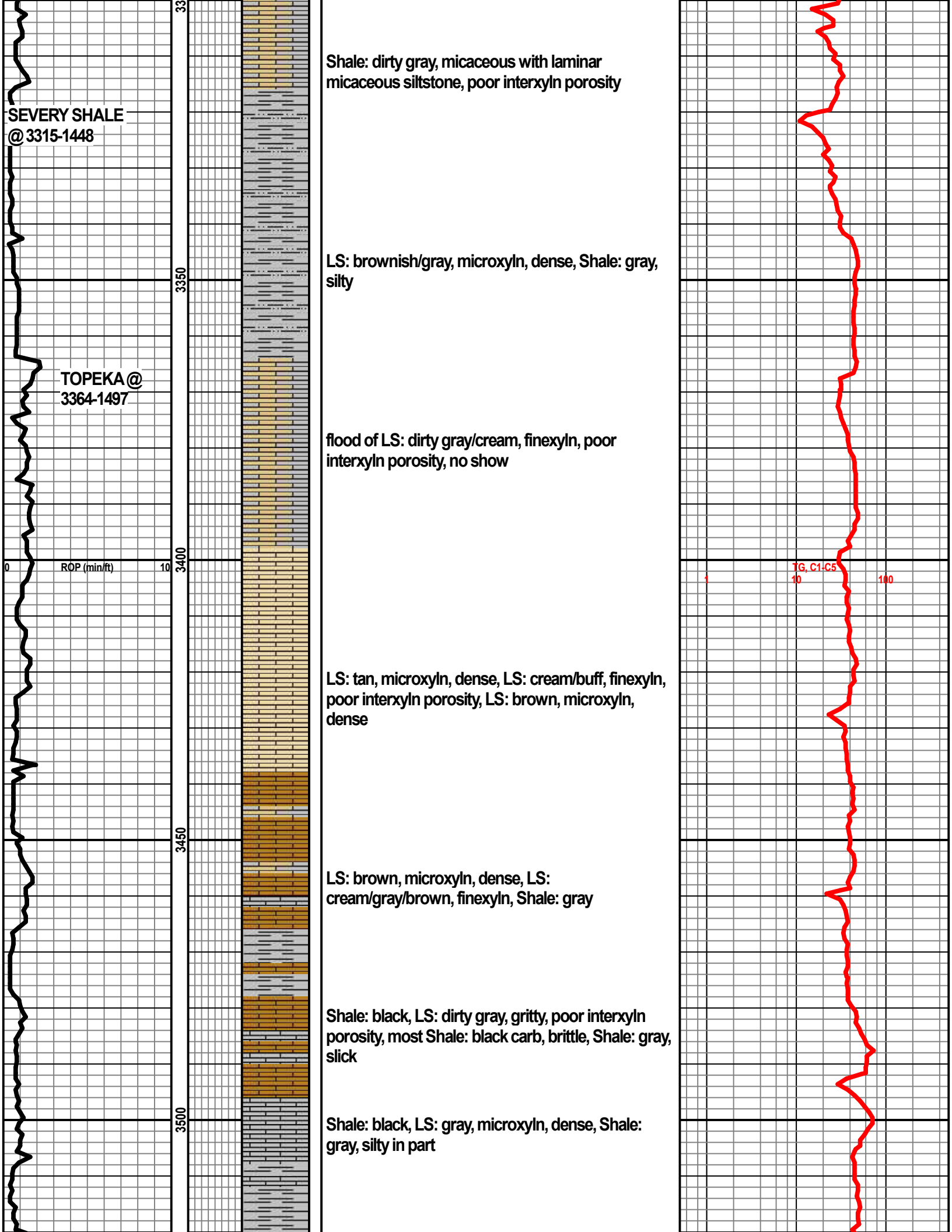
LS: gray/cream cryptoxyln blocks, poor interexyln prosity, scattered friable streaks

Displace mud system @ 3105

Mud Check @ 3061:

Wieght 8.6# Vis: 45, YP: 12, Fil.: 8.8, Chlor: 2,500, LCM 5#, Gel Strength: 6/18.

TG, C, C5 10 100



Shale: dirty gray, micaceous with laminar micaceous siltstone, poor interxyln porosity

LS: brownish/gray, microxyln, dense, Shale: gray, silty

flood of LS: dirty gray/cream, finexyln, poor interxyln porosity, no show

LS: tan, microxyln, dense, LS: cream/buff, finexyln, poor interxyln porosity, LS: brown, microxyln, dense

LS: brown, microxyln, dense, LS: cream/gray/brown, finexyln, Shale: gray

Shale: black, LS: dirty gray, gritty, poor interxyln porosity, most Shale: black carb, brittle, Shale: gray, slick

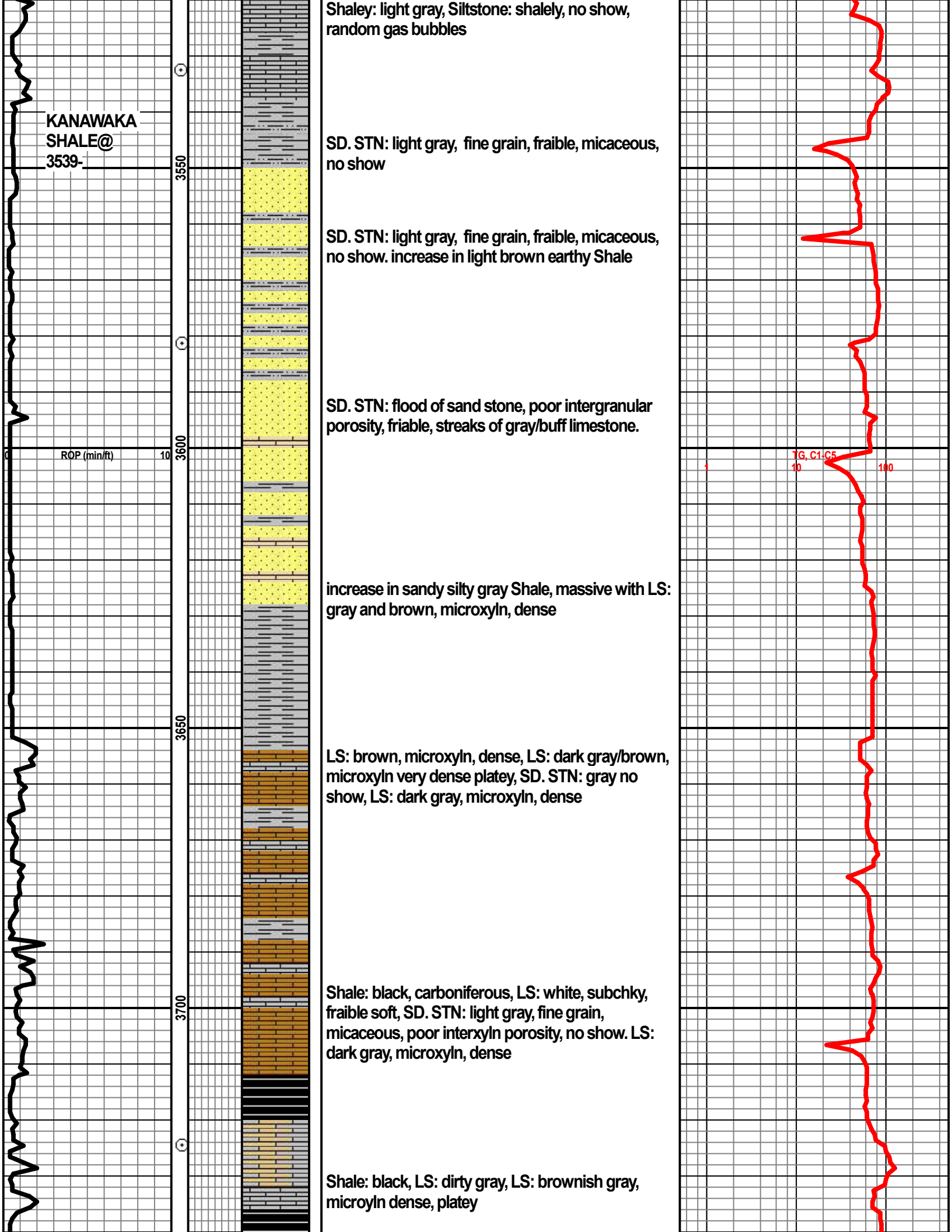
Shale: black, LS: gray, microxyln, dense, Shale: gray, silty in part

SEVERY SHALE @ 3315-1448

TOPEKA @ 3364-1497

ROP (min/ft)

TG, C1-C5
10 100



HEEBNER
SHALE @
3736-1869

3750
3800
3850
3900
3950

ROP (min/ft)

Shale: gray, slick, LS: cream, microxyln, dense

Shale: gray, silty, massive, Siltstone: gray, friable,
LS: dark brown, microxyln, very dense.

Shale: gray to black, LS: cream, finexyln, no vsiable porosity

Siltstone: dirty gray, micaceous, laminar. Shale:
gray, silty, LS: dark brown, microxyln, dense, Shale:
gray, LS: cream, finexyln, sample mostly shale

LCM 8#+ before
losing returns, lost
500 bbls of drilling
fluid @ 3934, got
3/4 returns went
back to drilling.

Lost returns @
3934

LANSING
3936-2069

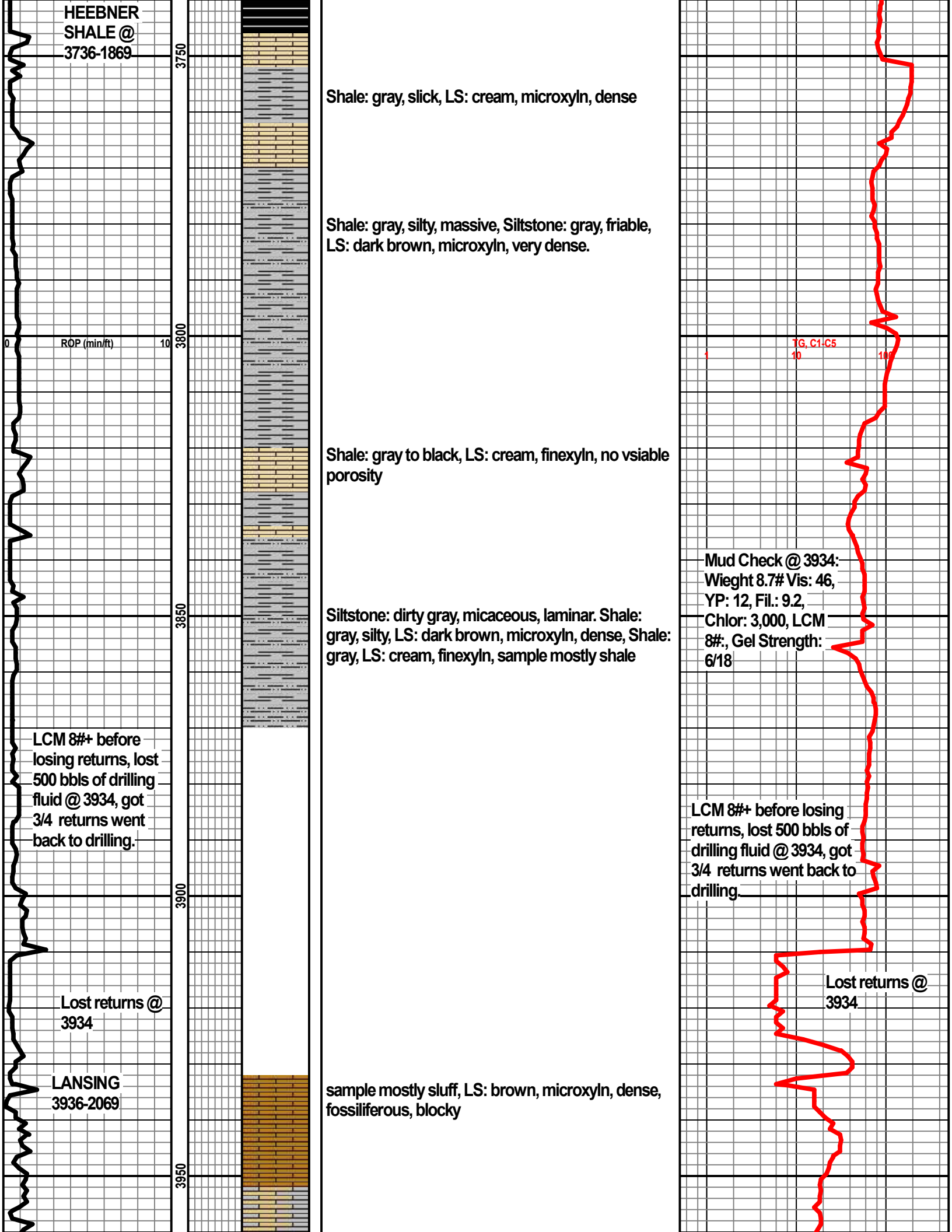
sample mostly sluff, LS: brown, microxyln, dense,
fossiliferous, blocky

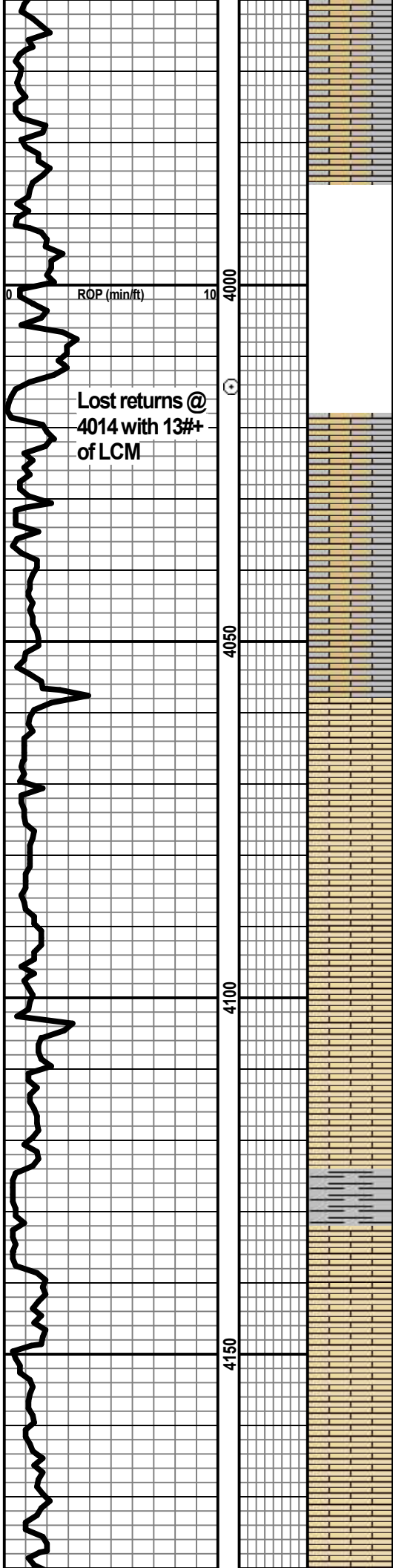
Mud Check @ 3934:
Wiegth 8.7# Vis: 46,
YP: 12, Fil.: 9.2,
Chlor: 3,000, LCM
8#, Gel Strength:
6/18

LCM 8#+ before losing
returns, lost 500 bbls of
drilling fluid @ 3934, got
3/4 returns went back to
drilling.

Lost returns @
3934

TG, C1-C5
10 10





LS: gray/brown, microxyln, dense, poor interxyln porosity, poor visible porosity

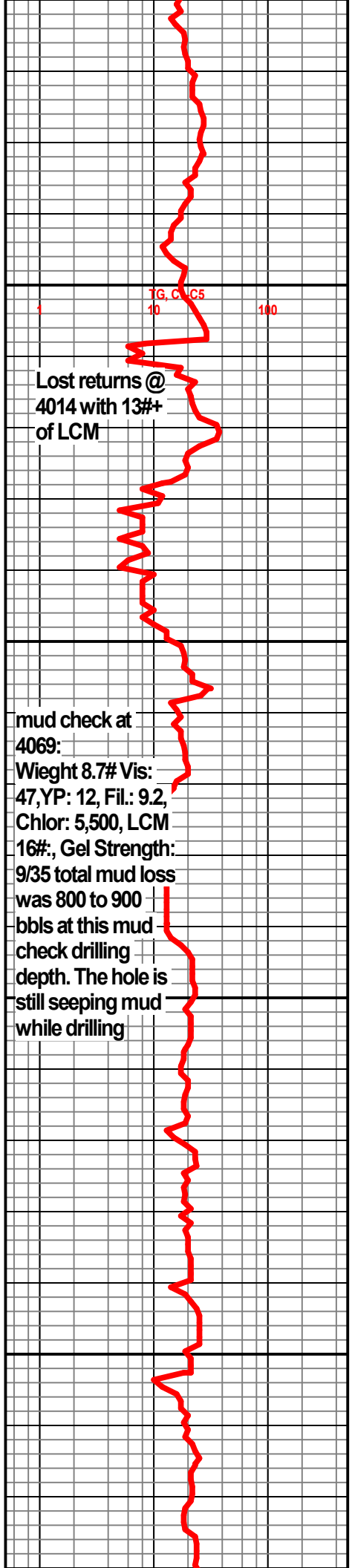
LS: gray/brown to brown, microxyln, very dense, LS: gray/cream, finexyln, friable in part

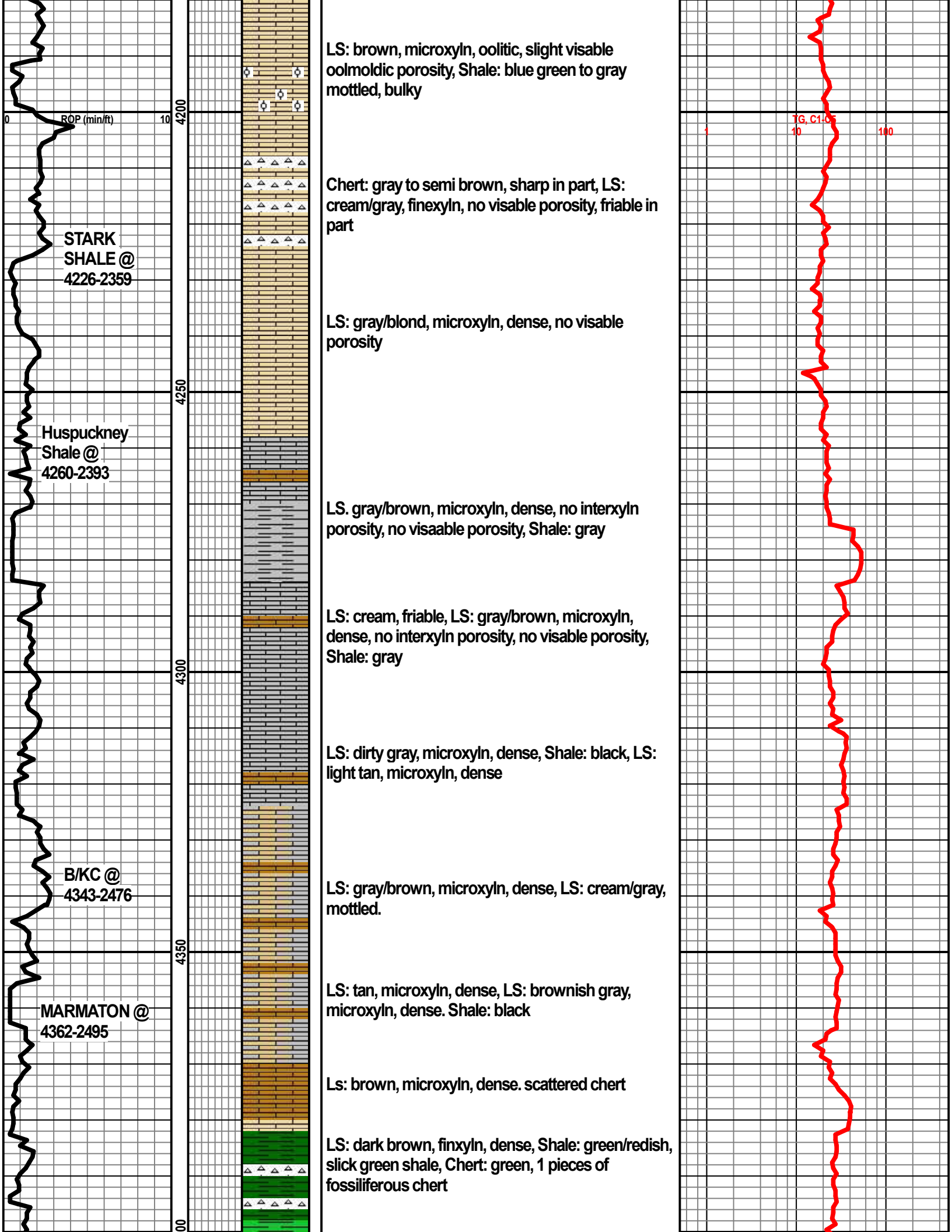
LS: Cream to buff, finexyln, no visible porosity, friable streaks

LS: dirty cream, finexyln, soft, friable, LS: cream/buff, finexyln, LS: light gray, finexyln, no visible porosity, loose crypto pieces in tray

LS: cream to buff, finexyln with oolitic streaks and or friable streaks, barren, slight visible oolmoldic porosity. sub lithographic in part.

LS: cream to buff, finexyln, Shale: gray, LS: cream fossiliferous, slight visible porosity, poor interxyln porosity, one piece of LS: buff, fair oolitic porosity, no show, Shale: gray





LS: brown, microxylIn, oolitic, slight visable oolmoldic porosity, Shale: blue green to gray mottled, bulky

Chert: gray to semi brown, sharp in part, LS: cream/gray, finexylIn, no visable porosity, friable in part

LS: gray/blond, microxylIn, dense, no visable porosity

LS. gray/brown, microxylIn, dense, no interxylIn porosity, no visaable porosity, Shale: gray

LS: cream, friable, LS: gray/brown, microxylIn, dense, no interxylIn porosity, no visable porosity, Shale: gray

LS: dirty gray, microxylIn, dense, Shale: black, LS: light tan, microxylIn, dense

LS: gray/brown, microxylIn, dense, LS: cream/gray, mottled.

LS: tan, microxylIn, dense, LS: brownish gray, microxylIn, dense. Shale: black

LS: brown, microxylIn, dense. scattered chert

LS: dark brown, finxylIn, dense, Shale: green/redish, slick green shale, Chert: green, 1 pieces of fossiliferous chert

ROP (min/ft)

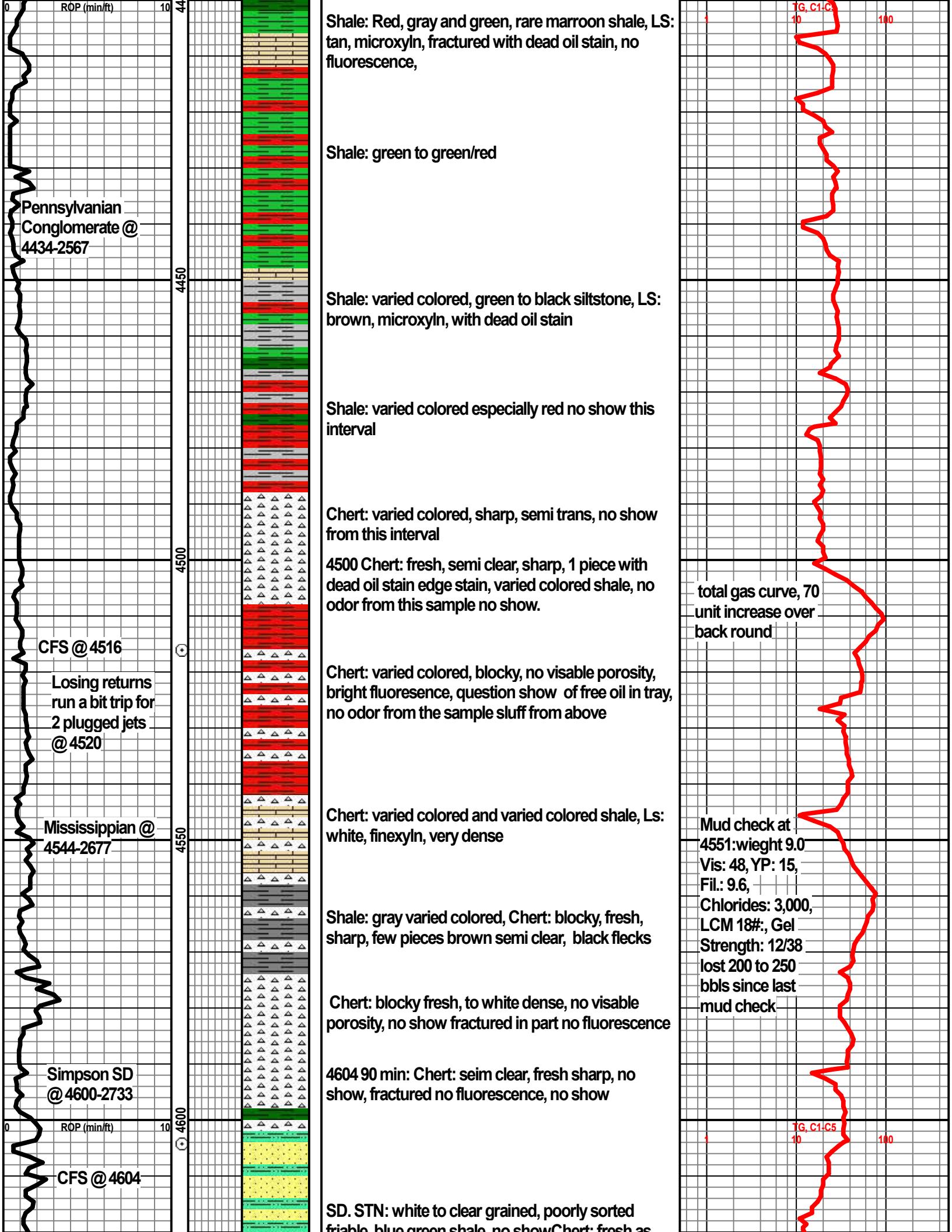
STARK SHALE @ 4226-2359

Huspuckney Shale @ 4260-2393

B/KC @ 4343-2476

MARMATON @ 4362-2495

TG, C1:05
10 100



ROP (min/ft)

10

44

Shale: Red, gray and green, rare maroon shale, LS: tan, microxyln, fractured with dead oil stain, no fluorescence,

IG, C1-C5
10 100

Shale: green to green/red

Pennsylvanian
Conglomerate @
4434-2567

4450

Shale: varied colored, green to black siltstone, LS: brown, microxyln, with dead oil stain

Shale: varied colored especially red no show this interval

4500

Chert: varied colored, sharp, semi trans, no show from this interval

4500 Chert: fresh, semi clear, sharp, 1 piece with dead oil stain edge stain, varied colored shale, no odor from this sample no show.

total gas curve, 70
unit increase over
back round

CFS @ 4516

Losing returns
run a bit trip for
2 plugged jets
@ 4520

4550

Chert: varied colored, blocky, no visible porosity, bright fluorescence, question show of free oil in tray, no odor from the sample sluff from above

Chert: varied colored and varied colored shale, Ls: white, finexyln, very dense

Mississippian @
4544-2677

4600

Shale: gray varied colored, Chert: blocky, fresh, sharp, few pieces brown semi clear, black flecks

Chert: blocky fresh, to white dense, no visible porosity, no show fractured in part no fluorescence

Mud check at
4551: wieght 9.0
Vis: 48, YP: 15,
Fil.: 9.6,
Chlorides: 3,000,
LCM 18#, Gel
Strength: 12/38
lost 200 to 250
bbls since last
mud check

Simpson SD
@ 4600-2733

4600

4604 90 min: Chert: seim clear, fresh sharp, no show, fractured no fluorescence, no show

CFS @ 4604

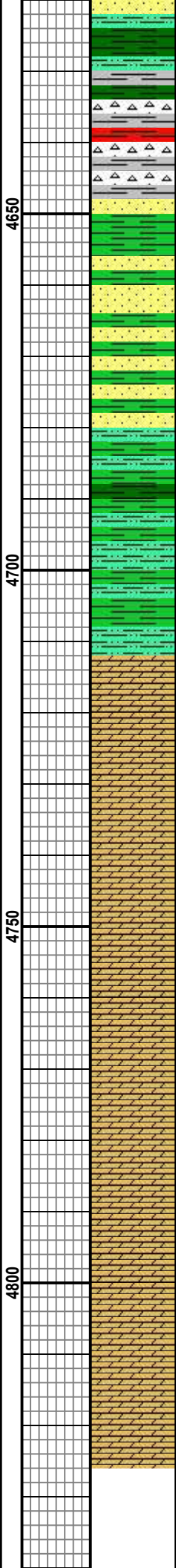
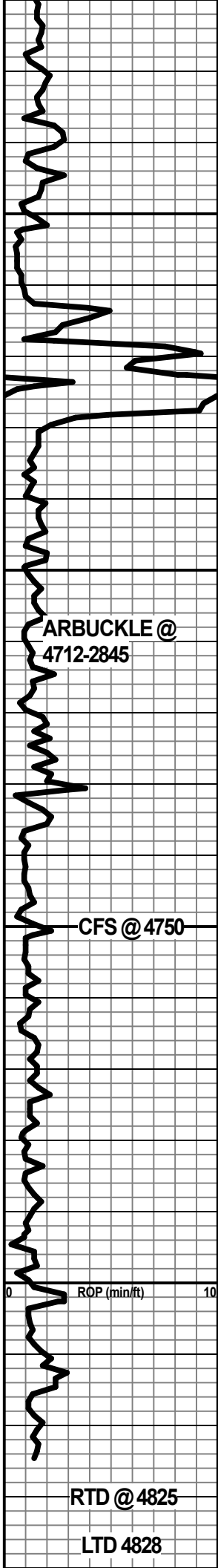
ROP (min/ft)

10

4600

SD. STN: white to clear grained, poorly sorted friable, blue green shale, no show Chert: fresh as

IG, C1-C5
10 100



frable, blue green shale. no show Chert. fresh as above

Chert: porcelain white, sharp, SD. STN: as above, fine grain gray/green friable no show, Shale: varied colored including gray/green.

SD. STN: white to clear grained poorly sorted friable, blue green in part, dead oil stain, loose rounded grains.

SD. STN: clusters, fine to medium grained, clear grained, sub rounded, friable, sct light green very fine grain, clusters, loose grains in tray, no show, Shale: green

Shale: with included fine grain sand grains, dense. dark green dense in part. Siltstone: greenish brown, very fine grain, galconitic,

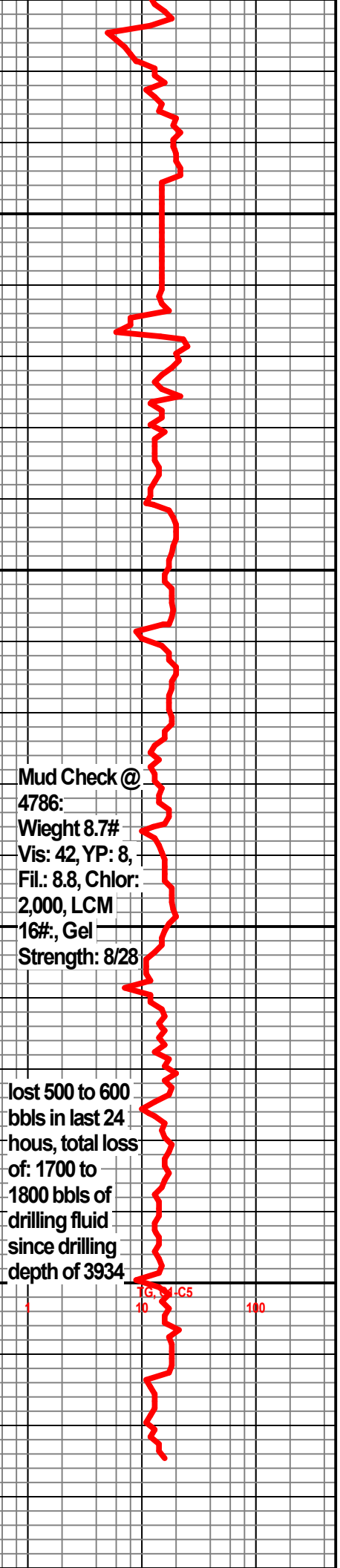
Dolomite: buff to light brown, very fine granular, no visible porosity, poor intergranular porosity.

Dolomite: buff, lmy in part, fine granular, mineral fluorescence

Dolomite: light buff to light tan/brown, fine granular, oolitic streaks with sight visible porosity, no show, no odor, mineral fluorescence. scattered fossile moldic porosity, poor intergranular porosity, no cut from sample no show.

Dolomite: tan to cream, dark brown in part, poor intergranular porosity, fine granular, scattered oolitic streaks, scattered very dense grainy pieces with imbeded sandstone grains.

Dolomite: light tan and or cream to tan, coarse xyln, scattered intergranular visable porosity, no cut or sample show.



Mud Check @ 4786:
 Wieght 8.7#
 Vis: 42, YP: 8,
 Fil.: 8.8, Chlor:
 2,000, LCM
 16#, Gel
 Strength: 8/28

lost 500 to 600
 bbls in last 24
 hours, total loss
 of: 1700 to
 1800 bbls of
 drilling fluid
 since drilling
 depth of 3934

TC, MLC5
 10 100

RTD @ 4825
 LTD 4828

