

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 Date Reached TD Completion Date or
Recompletion Date 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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CEMENT TREATMENT REPORT

Customer: Satchell Creek Petroleum	Well: Bell A3-31	Ticket: EP7930
City, State: Wichita, KS	County: BU, KS	Date: 3/20/2023
Field Rep: Derek	S-T-R: 31-24-8	Service: Surface

Downhole Information	Calculated Slurry - Lead	Calculated Slurry - Tail
Hole Size: 12 1/4 in	Blend: HXH-325	Blend:
Hole Depth: 250 ft	Weight: 15.37 ppg	Weight: ppg
Casing Size: 8 5/8 in	Water / Sx: 5.60 gal / sk	Water / Sx: gal / sk
Casing Depth: 247 ft	Yield: 1.27 ft ³ / sk	Yield: ft ³ / sk
Tubing / Liner: in	Annular Bbls / Ft.: bbs / ft.	Annular Bbls / Ft.: bbs / ft.
Depth: ft	Depth: ft	Depth: ft
Tool / Packer: landing sub	Annular Volume: 0.0 bbls	Annular Volume: 0 bbls
Tool Depth: 12.00 ft	Excess:	Excess:
Displacement: 14.50 bbls	Total Slurry: 38.45 bbls	Total Slurry: 0.0 bbls
	Total Sacks: 170 sks	Total Sacks: 0 sks

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
3:30 PM			-	-	on location, held safety meeting
			-	-	
			-	-	rigged up to surface casing
			-	-	
	4.0		-	-	established circulation
	4.0		-	-	mixed and pumped 170 sks HXH-325 cement
	4.0		-	-	displaced cement with 14.50 bbls fresh water, cement to surface (10 bbls returns to pit)
			-	-	shut in casing
	4.0		-	-	washed up equipment
			-	-	rigged down
			-	-	
4:45 PM			-	-	left location
			-	-	
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CREW	UNIT	SUMMARY		
Cementer: Casey Kennedy	931	Average Rate	Average Pressure	Total Fluid
Pump Operator: Devin Katzer	239	4.0 bpm	- psi	- bbls
Bulk: Doug Gipson	193			
H2O: Richard Mentzer	126			



Remit To: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202
 316-303-9515

Customer:
 SATCHELL CREEK
 C/O FEATURE DRILLING LLC
 4320 VINE ST PMB 386
 HAYS, KS 67601

Invoice Date: 3/29/2023
 Invoice #: 0367426
 Lease Name: Bell
 Well #: A3-31 (New)
 County: Butler, Ks
 Job Number: EP8041
 District: East

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Heavy Eq Mileage	40.000	4.000	160.00
Light Eq Mileage	40.000	2.000	80.00
Ton Mileage	1,940.000	1.500	2,910.00
Depth Charge-2001'-3000'	1.000	2,000.000	2,000.00
Cement Eq Standby time	6.000	400.000	2,400.00
Cement Plug Container	1.000	250.000	250.00
Cement Blending & Mixing	405.000	1.400	567.00
H-CON	200.000	25.000	5,000.00
H-BT	205.000	35.000	7,175.00
KOL Seal	400.000	0.750	300.00
Cello Flake	50.000	1.750	87.50
Liquid Defoamer	2.000	75.000	150.00
Mud flush	600.000	1.000	600.00
Centralizers 5 1/2"	10.000	60.000	600.00
Cement baskets 5 1/2"	2.000	300.000	600.00
5 1/2" LD Plug & Baffle	1.000	350.000	350.00
Type A Packer shoe 5 1/2"	1.000	1,750.000	1,750.00
Service Supervisor	1.000	275.000	275.00
Vacuum Truck-80bbl	22.000	100.000	2,200.00
Fresh water	6,000.000	0.020	120.00
Total			27,574.50

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Customer		Satchell Creek Petroleum		Lease & Well #	Bell #A3-31		Date	3/29/2023		
Service District		Garnett		County & State	Butler	Legals S/T/R	Job #			
Job Type		Longstring	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> No	Ticket #	EP8041
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures								
97	Garrett S.	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging					
209	Nick B.	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection					
246	doug G	<input checked="" type="checkbox"/> Safety Footwear	<input checked="" type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations					
189	Nick B.	<input checked="" type="checkbox"/> FRC/Protective Clothing	<input checked="" type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations					
110	T/C	<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below						
111	Brian S	Comments								
H-BT blend per C.L.'s instructions (14.3# 1.34Y)										
Product/ Service Code	Description	Unit of Measure	Quantity							Net Amount
M010	Heavy Equipment Mileage	mi	40.00							\$160.00
M015	Light Equipment Mileage	mi	40.00							\$80.00
M020	Ton Mileage	tm	1,940.00							\$2,910.00
D013	Depth Charge: 2001'-3000'	job	1.00							\$2,000.00
C030	Cement Service - Standby	hr	6.00							\$2,400.00
C050	Cement Plug Container	job	1.00							\$250.00
C060	Cement Blending & Mixing Service	sack	405.00							\$567.00
CP025	H-Con	sack	200.00							\$5,000.00
CP061	H-BT	sack	205.00							\$7,175.00
CP110	Kol Seal	lb	400.00							\$300.00
CP120	Cello-flake	lb	50.00							\$87.50
CP137	Liquid Defoamer	gal	2.00							\$150.00
CP170	Mud Flush	gal	600.00							\$600.00
FE125	5 1/2" Centralizer	ea	10.00							\$600.00
FE130	5 1/2" Cement Basket	ea	2.00							\$600.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	1.00							\$350.00
FE175	5 1/2" Type A Packer Shoe	ea	1.00							\$1,750.00
R061	Service Supervisor	day	1.00							\$275.00
T010	Vacuum Truck - 80 bbl	hr	22.00							\$2,200.00
AF080	Fresh Water	gal	6,000.00							\$120.00
Customer Section: On the following scale how would you rate Hurricane Services Inc.?								Net:	\$27,574.50	
								Total Taxable	\$ -	
								Tax Rate:		
Based on this job, how likely is it you would recommend HSI to a colleague?								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:	\$ -
<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"/>								Total:	\$ 27,574.50	
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely										
HSI Representative: <i>Garnett Scott</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: Satchell Creek Petroleum	Well: Bell #A3-31	Ticket: EP8041
City, State:	County: Butler	Date: 3/29/2023
Field Rep: Derek - Pusher	S-T-R:	Service: Longstring

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7.875 in	Blend:	H-Con 2#Kol,1/4#Flo	Blend:	H-BT
Hole Depth:	ft	Weight:	12.0 ppg	Weight:	14.3 ppg
Casing Size:	5 1/2 in	Water / Sx:	11.7 gal / sx	Water / Sx:	6.2 gal / sx
Casing Depth:	2777 ft	Yield:	2.56 ft ³ / sx	Yield:	1.34 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	Baffle	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	2768 ft	Excess:		Excess:	
Displacement:	65.0 bbls	Total Slurry:	0.0 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	200 sx	Total Sacks:	205 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
4:00 PM			-	-	Rig notified they were about to start laying down; float equipment was delivered to rig earlier by G.S.
8:00 PM					Rig notified they were 1/2 done TOH & LDDP; crew to be on location by midnight;
12:00 AM				-	On location; rig still LDDP; casing crew on location; safety meeting;
1:30 AM				-	Rig started to run casing. Rig ran Float Equipment - Type A packer on #1; LD baffle in top of #1; 10 centralizers; 2 baskets;
5:00 AM				-	Casing landed; dropped trip ball - set Type A packer with cement pump 1350#
				-	Established circulation; circ casing with rig pump for 1.5 HR
7:00 AM	1.0			-	Plugged Rat Hole with 25 sks of Hcon cement
	5.5		10.0	10.0	Established circulation with 10BBL of water
	5.5		25.0	35.0	Mixed and pumped 15 BBL of mud flush, followed by 10BBL of water
	5.5	250.0	80.0	115.0	Mixed and pumped 175 sks of H-con Cement with 2# KOL, 1/4# Flo Seal (LEAD)
	5.5	250.0	49.0	164.0	Mixed and pumped 205 sks of H-BT cement (TAIL)
	5.5	500.0		164.0	Switched valves on plug container, flushed pump clean and dropped plug
	5.5		65.0	229.0	Pumped the plug to latch down baffle with 65 BBLs of fresh water , 5BBL of cement Back
8:10 AM	5.5	1,200.0			Landed the plug with 1000PSI, bumped to 1200# - held pressure; released pressure , no returns to the truck
					Rigged down and washed up equipment
8:30 AM					Left location

CREW		UNIT		SUMMARY		
Cementer:	Garrett S.		97	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B.		209	4.9 bpm	550 psi	229 bbls
Bulk #1:	doug G		246			
Bulk #2:	Nick B.		189			

Bell A3-31
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Bell A 3-31
API: 15-015-24205-00-00
Location: 890' FNL, 6298 FWL, Sec31-24-8E
License Number: 35970
Spud Date: 3/18/23
Surface Coordinates: 37.924061, -96.580038
Region: Butler
Drilling Completed: 3/26/23

Bottom Hole Same as surface
Coordinates:
Ground Elevation (ft): 1512 K.B. Elevation (ft): 1518
Logged Interval (ft): 1900 To: RTD Total Depth (ft): 3300
Formation: Arbuckle
Type of Drilling Fluid: Chemical "Drispac"

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

OPERATOR

Company: Satchell Creek Petroleum, LLC
Address: 3032 N Cortina ST
Wichita, KS 67205

Satchell Creek

Bell A3

Casing Size:	5.5-17# drilled 16.5	Packer shoe	3.00	KB	GL
RTD:	3300	LTD:	3297	Casing TD	2775
				FT off LTD:	522
				Elevation:	1518 1512


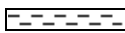


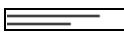
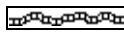




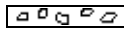


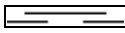

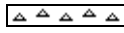


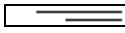

JT. #	Length	Csg. Tally	Top of Jt.	JT. #	Length	Csg. Tally	Top of Jt.	JT.#	Length	Csg. Tally	Top of Jt.
Pck SJ	9.06	12.06	2762.94	50	43.46	1998.21	776.79	101			
1	42.10	54.16	2720.84	51	41.46	2039.67	735.33	102			
2	15.25	68.41	2705.59	52	42.18	2081.85	693.15	103			
3	9.41	78.82	2696.18	53	44.80	2126.65	648.35	104			
4	13.15	91.97	2683.03	54	42.60	2169.25	605.75	105			
5	14.30	106.27	2668.73	55	44.13	2213.38	561.62	106			
6	12.95	119.22	2655.78	56	42.92	2256.30	518.70	107			
7	42.62	161.84	2613.16	57	42.97	2299.27	475.73	108			
8	42.63	204.47	2570.53	58	44.35	2343.62	431.38	109			
9	42.65	247.12	2527.88	59	42.40	2386.02	388.98	110			
10	42.19	289.31	2485.69	60	42.33	2428.35	346.65	111			
11	29.70	319.01	2455.99	61	40.90	2469.25	305.75	112			
12	42.70	361.71	2413.29	62	43.58	2512.83	262.17	113			
13	36.20	397.91	2377.09	63	44.36	2557.19	217.81	114			
14	44.25	442.16	2332.84	64	43.56	2600.75	174.25	115			
15	44.26	486.42	2288.58	65	41.64	2642.39	132.61	116			
16	44.16	530.58	2244.42	66	40.90	2683.29	91.71	117			
17	43.50	574.08	2200.92	67	42.66	2725.95	49.05	118			
18	42.14	616.22	2158.78	68	21.09	2747.04	27.96	119			
19	41.29	657.51	2117.49	69	21.58	2768.62	6.38	120			
20	44.48	701.99	2073.01	70	19.25	2787.87	-12.87	121	19.25	OUT	
21	44.46	746.45	2028.55	71	18.80	2806.67	-31.67	122	18.80	OUT	
22	44.50	790.95	1984.05	JTs Out							
23	44.26	835.21	1939.79		Pup	18.80					
24	44.52	879.73	1895.27		Pup	19.25					
25	43.27	923.00	1852.00								
26	44.78	967.78	1807.22								
27	44.45	1012.23	1762.77								
28	42.43	1054.66	1720.34								
29	38.60	1093.26	1681.74								
30	44.48	1137.74	1637.26								
31	43.72	1181.46	1593.54								
32	43.59	1225.05	1549.95								
33	44.53	1269.58	1505.42								
34	38.43	1308.01	1466.99								
35	42.82	1350.83	1424.17								
36	43.33	1394.16	1380.84								
37	44.48	1438.64	1336.36								
38	43.75	1482.39	1292.61								
39	42.37	1524.76	1250.24								
40	43.48	1568.24	1206.76								
41	41.50	1609.74	1165.26								
42	43.38	1653.12	1121.88								
43	42.33	1695.45	1079.55								
44	42.71	1738.16	1036.84								
45	44.71	1782.87	992.13								
46	43.25	1826.12	948.88								
47	42.97	1869.09	905.91								
48	42.23	1911.32	863.68								
49	43.43	1954.75	820.25								
Totals	1951.75		820.25			851.92	2803.67	0.00			
									38.05	2841.72	2775.00

Rotating Scratchers:	None			8	Pups In Hole
Centralizers:	1,4,8,10,12,14,16,18,20,22	Basket:	On Shoe JT	10	Turbo Centralizers
Latch Down Insert Baffle	Top of SJ	Packer Shoe:	Bottom of the Shoe Joint	0	Port Collar
Equipment/Pipe Not Run:	19.25, 18.80			1	Packer Shoe
				2	Joints Out / Not Run
				1	Cement Basket








































































Well Tops in Comparison to the A2 and A1

Lease: KB	Bell A3 1518			Lease: KB			Bell A2 1517			Strat	Lease: KB	Bell A1 1520	
Formation	Top	Datum	Comp	Comp	Formation	Top	Datum	Comp	Formation	Top	Datum		
Heebner	1409	109	2	2	Heebner	1410	107	0	Heebner	1413	107		
Lansng	1729	-211	1	-3	Lansng	1729	-212	-4	Lansng	1728	-208		
B-Lans	1846	-328	4	6	B-Lans	1849	-332	2	B-Lans	1854	-334		
KC	2018	-500	1	-2	KC	2018	-501	-3	KC	2018	-498		
Cherokee	2437	-919	0	-3	Cherokee	2436	-919	-3	Cherokee	2436	-916		
Penn	2740	-1222	4	0	penn	2743	-1226	-4	penn	2742	-1222		
Mississippi	2788	-1270	-17	-3	Mississippi	2770	-1253	14	Mississippi	2787	-1267		
Kinderhook	3034	-1516	-7	-18	Kinderhook	3026	-1509	-11	Kinderhook	3018	-1498		
Viola	3112	-1594	-9	-14	Viola	3102	-1585	-5	Viola	3100	-1580		
Simpson	3162	-1644	-7	-13	Simpson	3154	-1637	-6	Simpson	3151	-1631		
Arbuckle	3216	-1698	-9	-14	Arbuckle	3206	-1689	-5	Arbuckle	3204	-1684		

























ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Slstst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

ACCESSORIES

MINERAL	 Gyp	FOSSIL	 Ostra	 Slststrg
 Anhy	 Hvymin	 Algae	 Pelec	 Ssstrg
 Arggrn	 Kaol	 Amph	 Pellet	TEXTURE
 Arg	 Marl	 Belm	 Pisolite	 Boundst
 Bent	 Minxl	 Bioclst	 Plant	 Chalky
 Bit	 Nodule	 Brach	 Strom	 Cryxln
 Brecfrag	 Phos	 Bryozoa	STRINGER	 Earthy
 Calc	 Pyr	 Cephal	 Anhy	 Finexln
 Carb	 Salt	 Coral	 Arg	 Grainst
 Chtdk	 Sandy	 Crin	 Bent	 Lithogr
 Chtlt	 Silt	 Echin	 Coal	 Microxln
 Dol	 Sil	 Fish	 Dol	 Mudst
 Feldspar	 Sulphur	 Foram	 Gyp	 Packst
 Ferrpel	 Tuff	 Fossil	 Ls	 Wackst
 Ferr		 Gastro	 Mrst	
 Glau		 Oolite		

OTHER SYMBOLS

POROSITY	 Vuggy	ROUNDING	 Spotted	EVENT
 Earthy		 Rounded	 Ques	 Rft
 Fenest	SORTING	 Subrnd	 Dead	 Sidewall
 Fracture	 Well	 Subang		
 Inter	 Moderate	 Angular	INTERVAL	
 Moldic	 Poor		 Core	
 Organic		OIL SHOW	 Dst 2	
 Pinpoint		 Even	 Dst	

Circulating stop

Curve Track 1

ROP (min/ft) —
Gamma (API) —

MD

Porosity Type

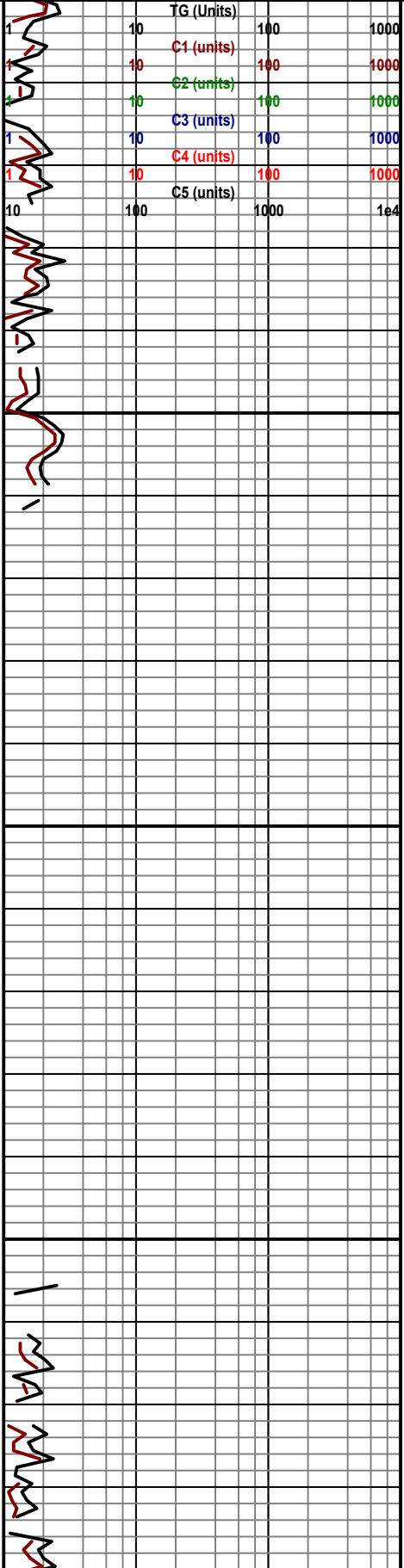
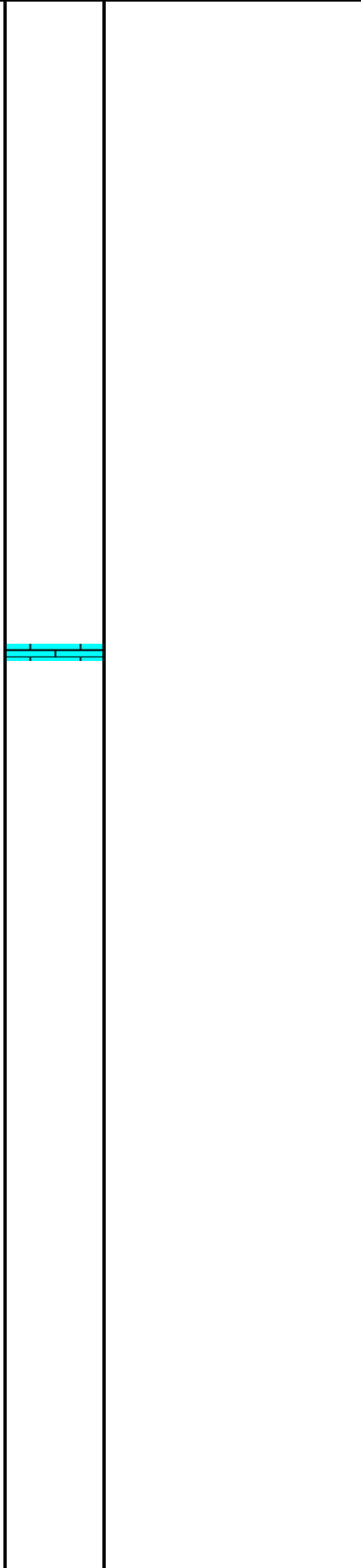
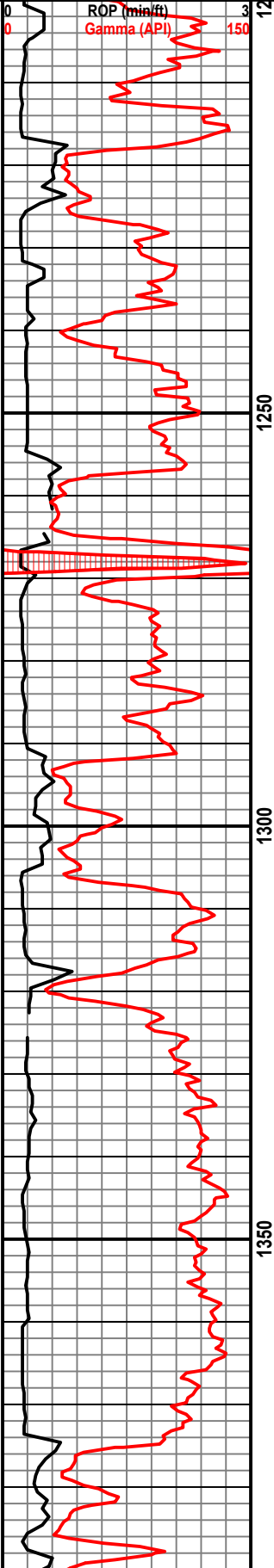
Lithology

Geological Descriptions

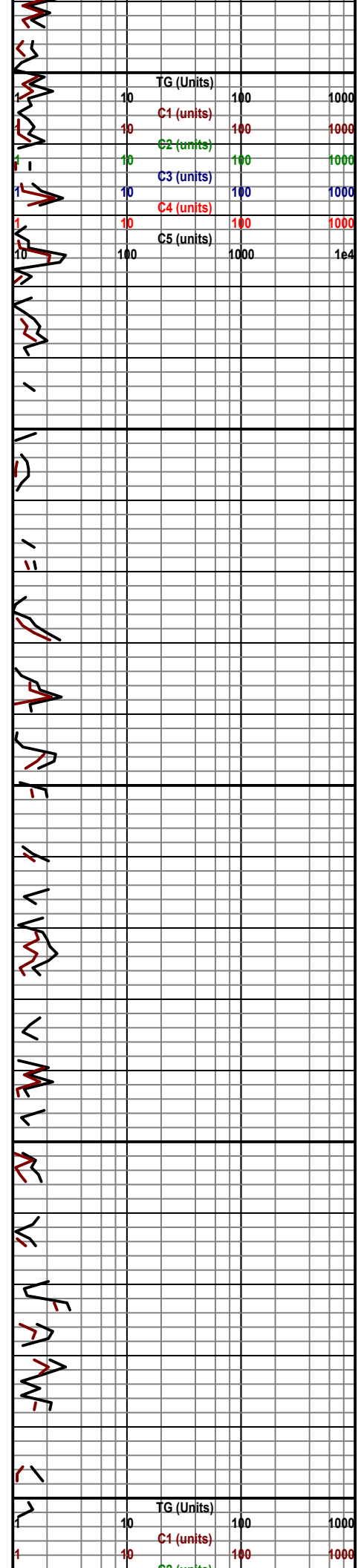
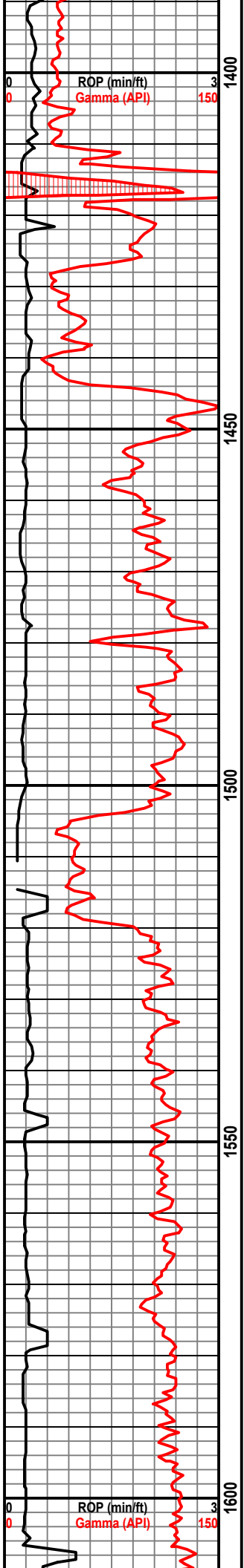
TG (Units) —
C1 (units) —
C2 (units) —
C3 (units) —
C4 (units) —
C5 (units) - - - -

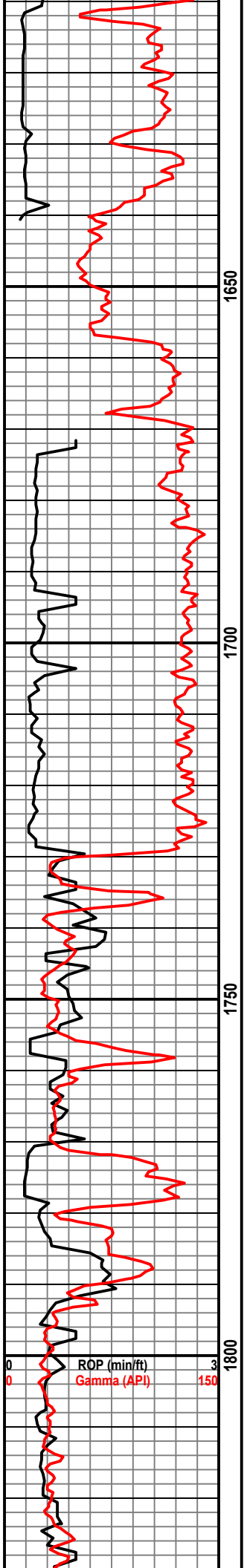
TG, C1-C5

Comments



Comments



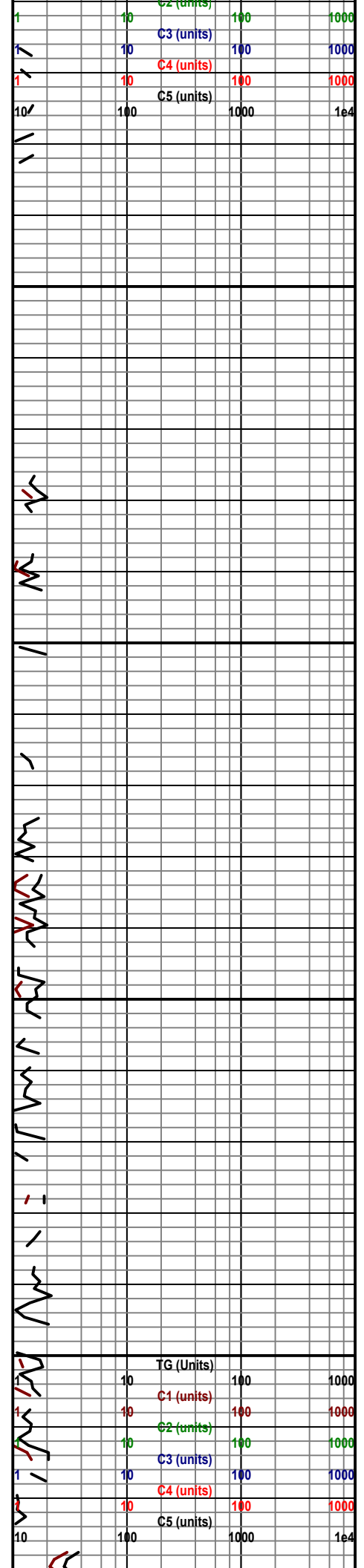


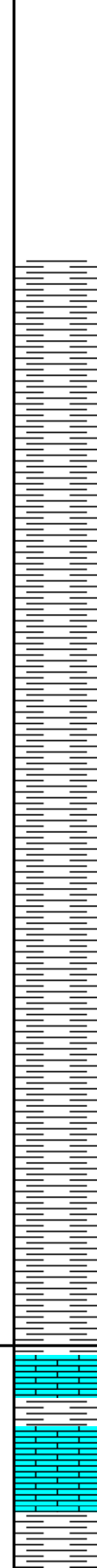
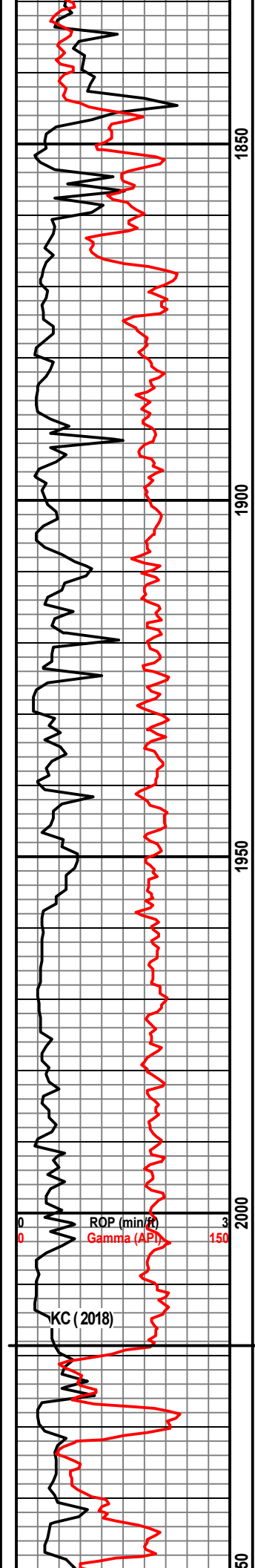
1650

1700

1750

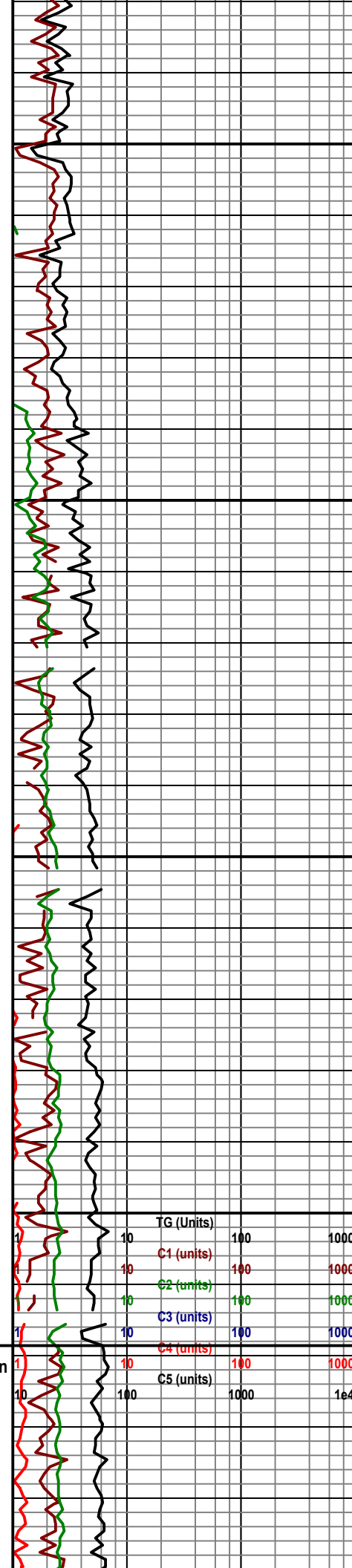
1800



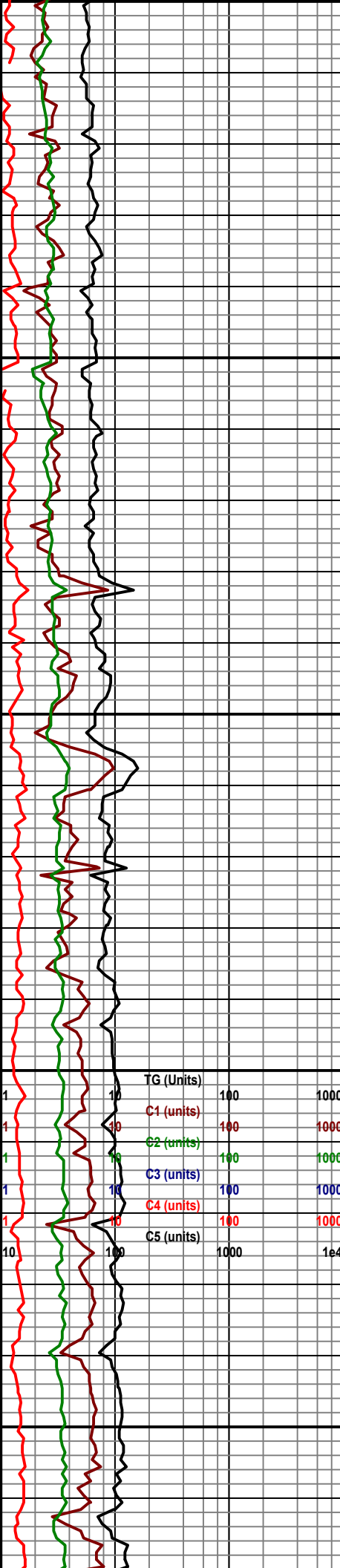
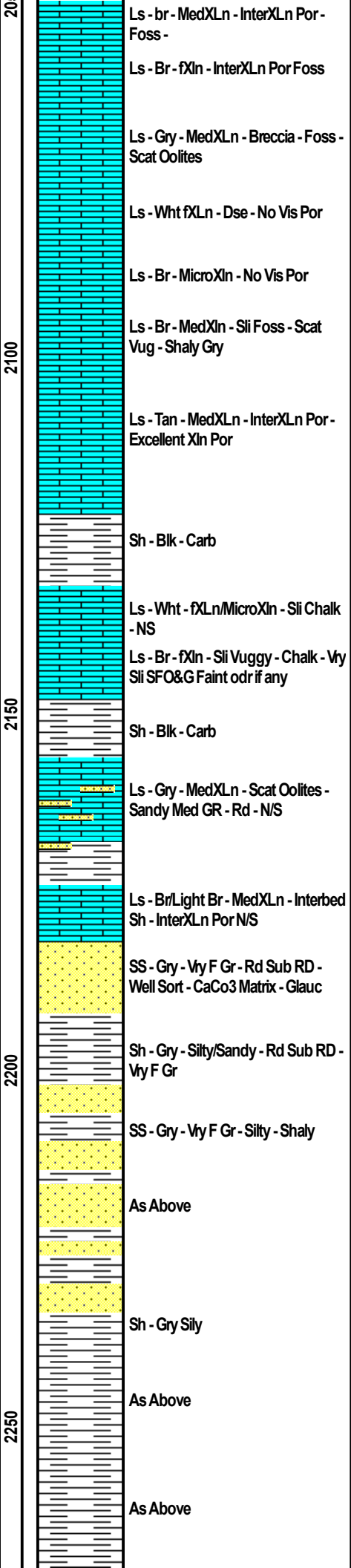
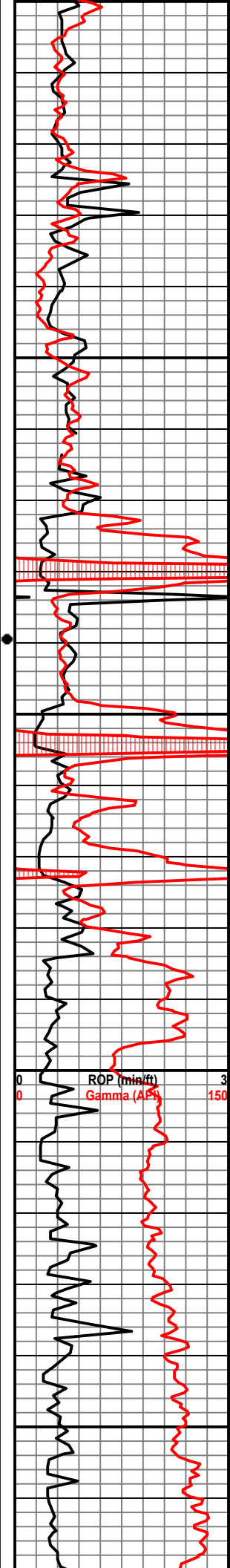


Ls - Br - MicroXLn - Vry Few InterXLn
Por - Mstly No Vis Por

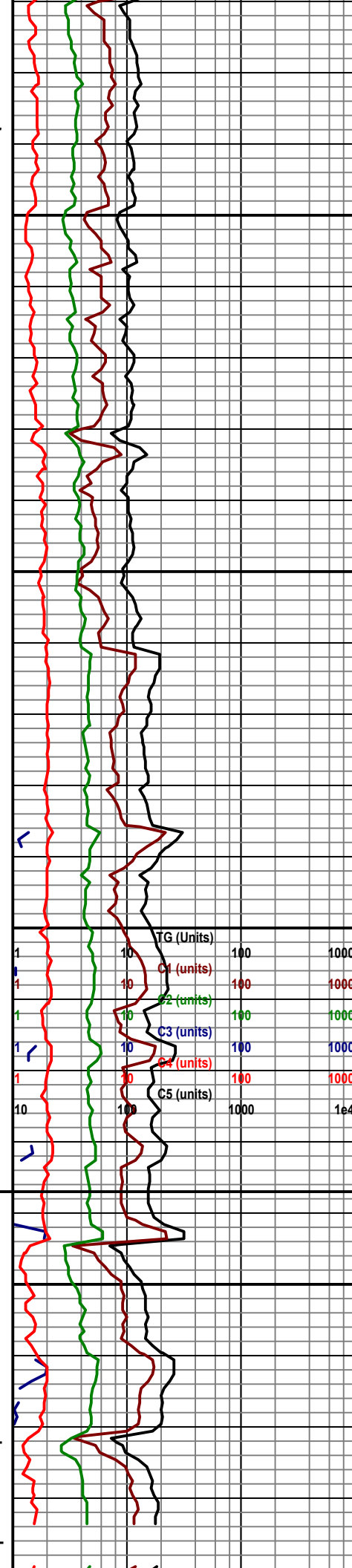
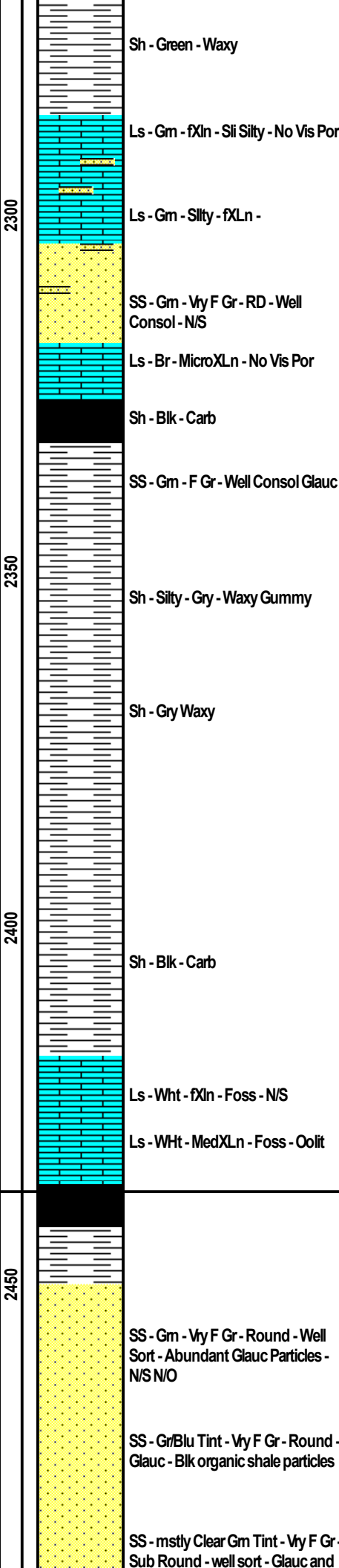
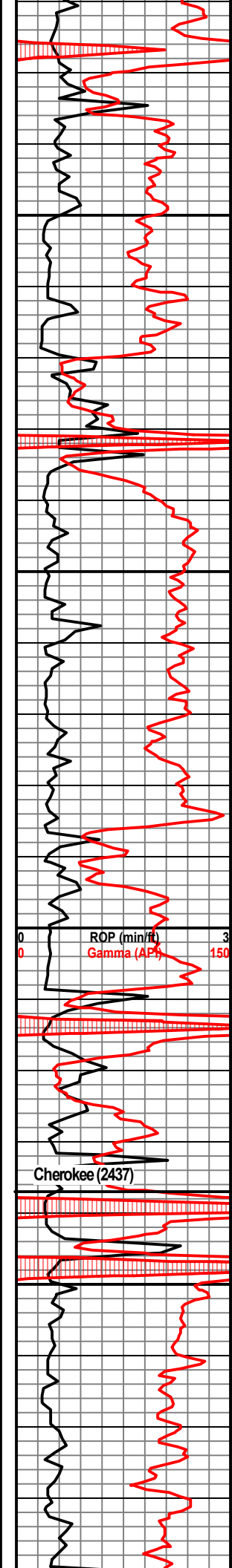
Ls - Gry - MicroXLn - Trc Foss - No
Vis Por

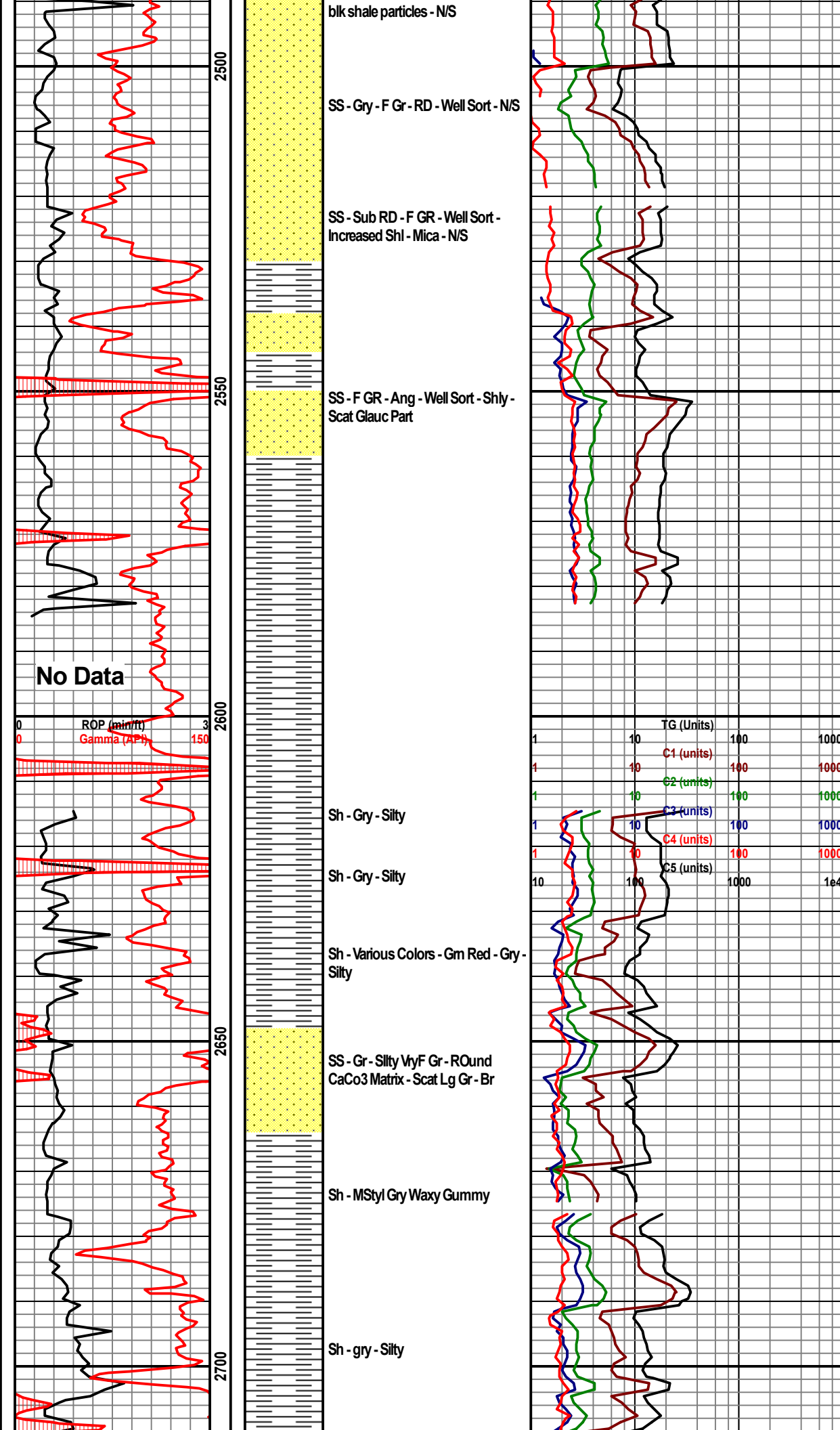


TG (Units)	100	1000
C1 (units)	100	1000
C2 (units)	100	1000
C3 (units)	100	1000
C4 (units)	100	1000
C5 (units)	1000	1e4

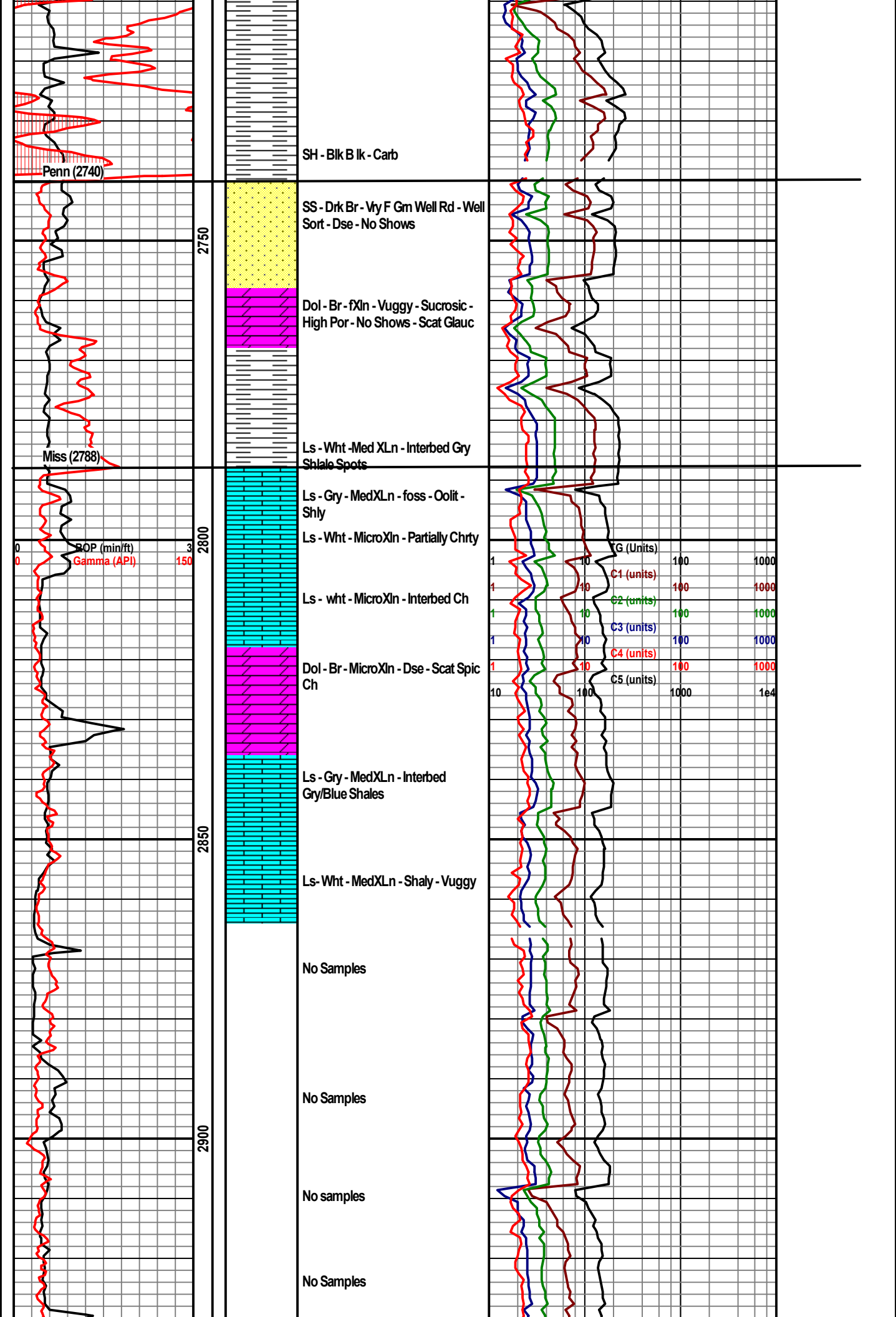


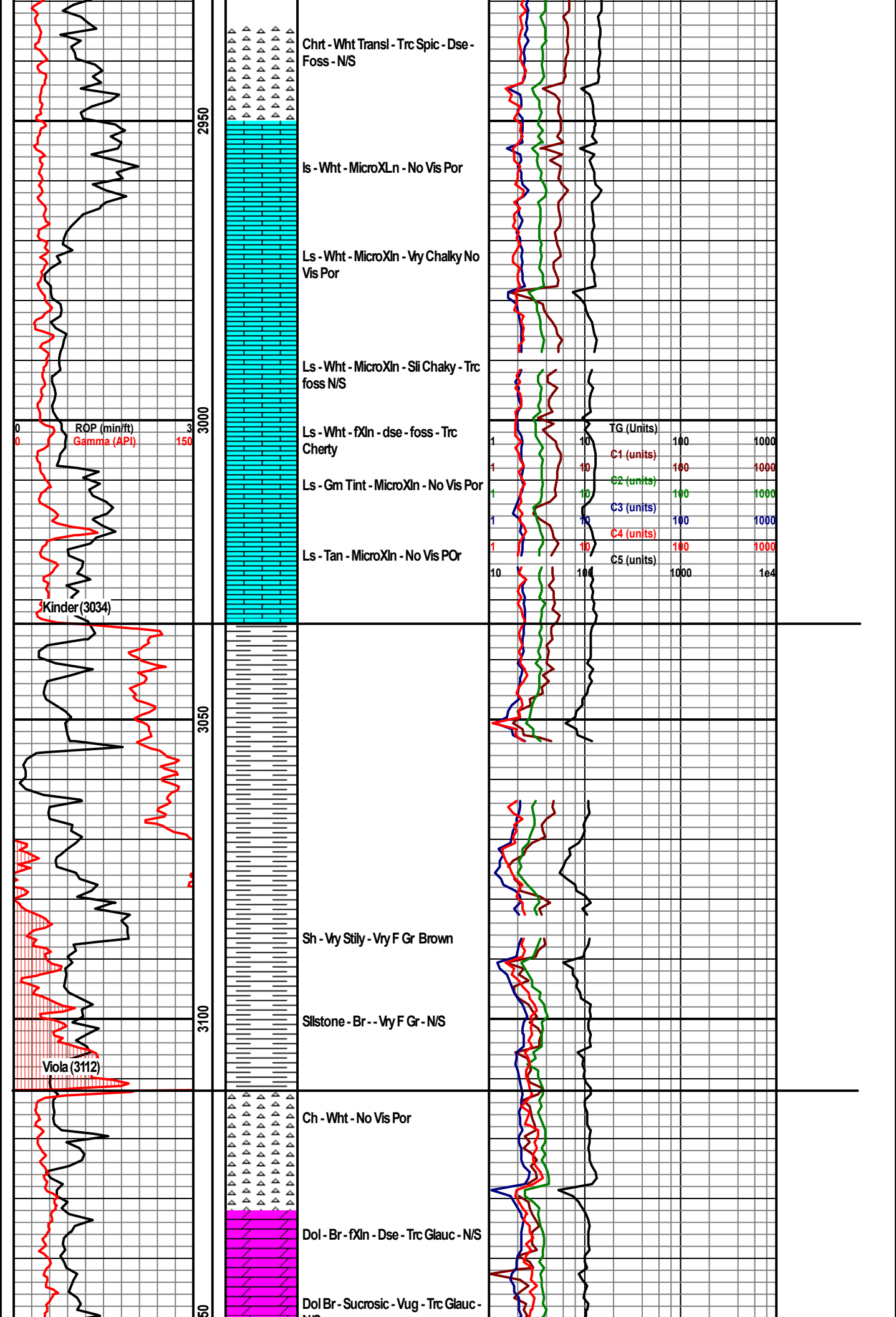
TG (Units)	C1 (units)	C2 (units)	C3 (units)	C4 (units)	C5 (units)
100	100	100	100	100	1000
1000	1000	1000	1000	1000	1e4

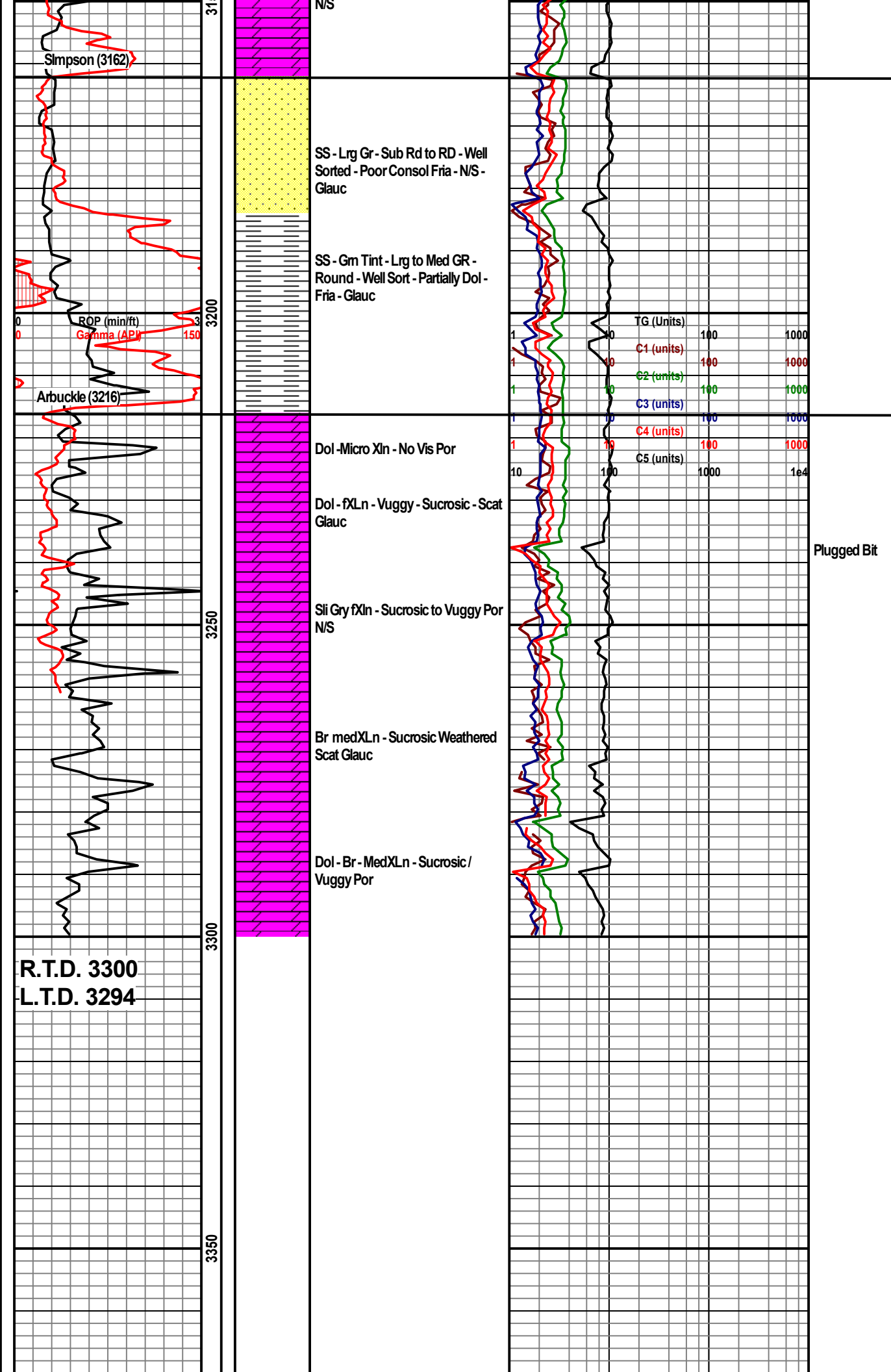




- Mud report -
 Depth: 2578
 Wt: 9.6
 Vis: 43
 Fil: 7.6
 Chl: 3.000
 Lcm: 4#







311
3200
3250
3300
3350

NS

SS - Lrg Gr - Sub Rd to RD - Well Sorted - Poor Consol Fria - N/S - Glauc

SS - Gm Tint - Lrg to Med GR - Round - Well Sort - Partially Dol - Fria - Glauc

Dol - Micro Xln - No Vis Por

Dol - fXLn - Vuggy - Sucrosic - Scat Glauc

Sli Gry fXLn - Sucrosic to Vuggy Por N/S

Br medXLn - Sucrosic Weathered Scat Glauc

Dol - Br - MedXLn - Sucrosic / Vuggy Por

TG (Units)	100	1000
C1 (units)	100	1000
C2 (units)	100	1000
C3 (units)	100	1000
C4 (units)	100	1000
C5 (units)	1000	1e4

R.T.D. 3300
L.T.D. 3294

Plugged Bit

ROP (min/ft)
Gamma (API)

3
150

3400

3450

00

TG (Units)

1	10	100	1000
1	10	100	1000
1	10	100	1000
1	10	100	1000
1	10	100	1000
1	10	100	1000
10	100	1000	1e4