



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1166007
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: _____



1166007

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
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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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Rama Operating Co., Inc.
Well Name	Hillard 4-1
Doc ID	1166007

All Electric Logs Run

BHCS
MEL
DIL
DUCP

Form	ACO1 - Well Completion
Operator	Rama Operating Co., Inc.
Well Name	Hillard 4-1
Doc ID	1166007

Tops

Name	Top	Datum
Heebner	3540	-1684
Toronto	3554	-1698
Brown Lime	3722	-1866
Lansing	3742	-1886
Base KC	4092	-2236
Mississippi	4188	-2332
Viola	4243	-2387
Simpson Shale	4282	-2426
Uper Sand	4288	-2432
Lower Sand	4318	-2462
Arbuckle	4410	-2554
RTD	4626	-2770

Customer Rama Operating	Lease No.	Date 9-21-13
Lease Hillard	Well # 4-1	
Field Order # 8185	Station Pratt	Casing 13 3/8
		Depth 287
Type Job LNW 2 1/2 13 3/8 SURFACE	Formation	Legal Description 1-28-13
		County Pratt
		State KS

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 13 3/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 287	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 272	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative Billy	Station Manager Kevin	Treater JOE
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Service Units	27463	70959	19918	28443	19826	19860
Driver Names	STEVE	JESSE		JOE	JESSE	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0200					ON LOC/safety meeting Rig up for Surface Pipe Run 7 JTS of 13 3/8 CSG 54.5 START Running CSG
430					CSG on Bottom / Breaks circ. with Big HOOK UP TO PUMP TO START JOB
0500	300		5	5.5	H2O SPACER
	300		71	5.5	MIX 330 SK 60/40 POZ 2% GAL 3% CC 1/4" cell/cu
0515	300		0	5.5	START H2O DISP
				5.5	CEMENT TO SURFACE
0525	300		42	0	Plug Down Circ Thru JOB Circ O BAL TO PIT
					SET UP TO 1" CEMENT UP FROM 50'
1000	100		21.5	1	MIX 100 SK COMMON 2% CC PUT 5 BBL CEMENT TO PIT
					Circ Thru JOB
					JOB COMPLETE Thank you JOE



TREATMENT REPORT

Customer <i>Rama Operating</i>	Lease No.	Date <i>9-23-13</i>
Lease <i>HILLARD</i>	Well # <i>4-1</i>	
Field Order # <i>8186</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
		Depth <i>1117</i>
Type Job <i>CNW 8 5/8 SF</i>	Formation	County <i>Pratt</i>
		State <i>KS</i>
		Legal Description <i>1-28-13</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>1117</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>68.8</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>1075</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager	Treater							
Service Units	<i>77686</i>	<i>19905</i>	<i>19831</i>	<i>19862</i>	<i>28443</i>				
Driver Names	<i>MILK</i>		<i>Jesse</i>		<i>JOE</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>08:20:00</i>					<i>ON LOC / safety meeting</i>
					<i>Rig up for 8 5/8 SF</i>
					<i>Run 26 JTS of 8 5/8 csg. 23#</i>
					<i>cen. on 22</i>
					<i>Basket on 2-23</i>
<i>12:30</i>					<i>Csg on Bottom</i>
					<i>Hooks up to Pump to start job</i>
<i>1:10</i>			<i>3</i>	<i>5.5</i>	<i>H2O spacer</i>
	<i>300</i>		<i>44</i>	<i>5.5</i>	<i>MIX 100 SKA - CON at 12#</i>
	<i>300</i>		<i>43</i>	<i>5.5</i>	<i>MIX 200 SK 60/40 POZ at 14.8#</i>
					<i>Shut Down Release Plug</i>
<i>1:30</i>	<i>200</i>		<i>0</i>	<i>5.5</i>	<i>START H2O DISP</i>
	<i>400</i>		<i>60</i>	<i>3.5</i>	<i>SLOW RATE</i>
<i>1:42</i>	<i>500</i>		<i>68</i>	<i>0</i>	<i>PLUG DOWN</i>
			<i>18</i>	<i>1</i>	<i>PUMP 50 SK A - CON at 13#</i>
					<i>comment stayed in celler</i>
					<i>JOB COMPLET</i>
					<i>Thank you</i>
					<i>JOE</i>

Customer <i>RAMA - OPERATING</i>	Lease No.	Date <i>09-29-13</i>
Lease <i>Willard</i>	Well # <i>4-1</i>	
Field Order # <i>41137</i>	Station	Casing <i>5 1/2</i>
Type Job <i>CNW #2 long string</i>	Formation	Depth <i>4453</i>
		County <i>PRATT</i>
		State <i>KS</i>
		Legal Description <i>7-28-13</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>				Pre Pad	Max		5 Min.	
Depth <i>4468</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>108 1/2</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>1500</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>4453</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert J. [Signature]</i>
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Service Units	<i>37900</i>	<i>27463</i>	<i>19862</i>	<i>19860</i>					
Driver Names	<i>Sullivan</i>	<i>Yoness</i>	<i>Phye</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>on low soft, meter</i>
					<i>run 5 1/2 14 csg.</i>
<i>8:10</i>					<i>CASING on bottom</i>
<i>8:20</i>					<i>Hook up csg csg.</i>
<i>9:25</i>	<i>200</i>		<i>3</i>	<i>2.5</i>	<i>At SPACER</i>
			<i>12</i>	<i>4.5</i>	<i>MIX AND FLUSH</i>
			<i>3</i>		<i>SPACER</i>
			<i>31</i>		<i>mix cont 12.5 WA 2 cont yield/pt 1.42 mix @ 1500g</i>
					<i>cont mix @ shut down wash line of pump</i>
					<i>Release Plug</i>
				<i>5</i>	<i>At Plug</i>
	<i>300</i>		<i>78</i>		<i>Lift Ps.</i>
	<i>500</i>		<i>100</i>	<i>2.5</i>	<i>Slow Rate</i>
<i>10:10</i>	<i>1500</i>		<i>107</i>		<i>Plug down</i>
			<i>7</i>	<i>2</i>	<i>plug RT inf 200k @ 1500g</i>
			<i>5</i>		<i>plug m.H. w/ 20 dl</i>
					<i>JOB COMPLETE</i>
					<i>Thank you</i>

OPERATOR

Company: Rama Operating Company, Inc.
 Address: 101 S. Main st
 Stafford, Kansas 67578

Contact Geologist:
 Contact Phone Nbr: 620-234-5191
 Well Name: Hillard #4-1
 Location: 8 5/8" @ 1123'
 Pool:
 State: Kansas, Pratt County

API: 15-151-24086-00-00
 Field: Rollingson
 Country: USA



Joshua R. Austin

Petroleum Geologist

report for

RAMA Operating CO., Inc



Scale 1:240 Imperial

Well Name: Hillard #4-1
 Surface Location: 8 5/8" @ 1123'
 Bottom Location:
 API: 15-151-24086-00-00
 License Number:
 Spud Date: 9/20/2013 Time: 3:34 PM
 Region: W2-NE-SW-NE Sec 1-28s-13w
 Drilling Completed: 9/28/2013 Time: 5:50 PM
 Surface Coordinates: 1,650 From North Line & 1,700' From East Line
 Bottom Hole Coordinates:
 Ground Elevation: 1843.00ft
 K.B. Elevation: 1856.00ft
 Logged Interval: 3100.00ft To: 4626.00ft
 Total Depth: 4626.00ft
 Formation: Simpson
 Drilling Fluid Type: Chemical mud was displaced at 3093'

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 1,650 From North Line
 E/W Co-ord: 1,700' From East Line

LOGGED BY

Company: Joshua R. Austin, Petroleum Geologist
 Address: 732 NE 110th Ave
 Stafford, KS 67578
 Phone Nbr: 620-546-3960
 Logged By: Geologist Name: Josh Austin

CONTRACTOR

Contractor: Sterling Drilling Company
 Rig #: 5
 Rig Type: mud rotary
 Spud Date: 9/20/2013 Time: 3:34 PM
 TD Date: 9/28/2013 Time: 5:50 PM
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 1856.00ft
K.B. to Ground: 13.00ft

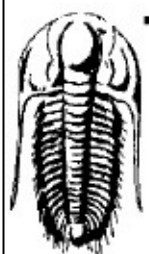
Ground Elevation: 1843.00ft

NOTES

On the basis of the drill stem test and after reviewing the electric logs, it was recommended by all parties involved to set 5 1/2" production casing to further test the Simpson Sand. After the electric logs drilling commenced to a rotary total depth of 4626' for a possible saltwater disposal well.

RAMA Operating Co., Inc. well comparison sheet

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Hillard #4-1					Hillard #3				Hillard-Travis			
1856 KB					1849 KB		Structural Relationship		1848 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	3542	-1686	3540	-1684	3532	-1683	-3	-1	3523	-1675	-11	-9
Toronto	3558	-1702	3554	-1698					3546	-1698	-4	0
Douglas	3581	-1725	3576	-1720					3558	-1710	-15	-10
Brown Lime	3725	-1869	3722	-1866	3714	-1865	-4	-1	3704	-1856	-13	-10
Lansing	3737	-1881	3742	-1886	3732	-1883	2	-3	3725	-1877	-4	-9
Base KC	4100	-2244	4092	-2236					4068	-2220	-24	-16
Mississippi	4190	-2334	4188	-2332	4179	-2330	-4	-2	4174	-2326	-8	-6
Viola	4245	-2389	4243	-2387					4236	-2388	-1	1
Simpson Shale	4285	-2429	4282	-2426	4274	-2425	-4	-1	4269	-2421	-8	-5
Upper Sand	4292	-2436	4288	-2432					4280	-2432	-4	0
Lower Sand	4318	-2462	4318	-2462					4308	-2460	-2	-2
Arbuckle	4414	-2558	4410	-2554								-2554
Total Depth	3980	-2124	3980	-2124					4324	-2476		



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Rama Operating Co. 101 S. Main Stafford Ks. 67578 ATTN: Josh Austin	1-28s-13w Pratt Ks. Hillard #4-1 Job Ticket: 52358 DST#: 1 Test Start: 2013.09.27 @ 05:34:50
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GENERAL INFORMATION:

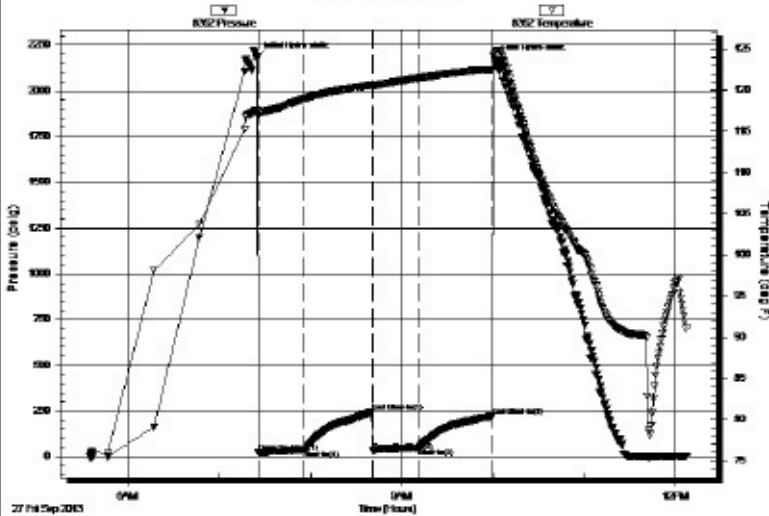
Formation: Simpson Sd. Deviated: No Whipstock: ft (KB) Time Tool Opened: 07:25:50 Time Test Ended: 12:07:20 Interval: 4280.00 ft (KB) To 4336.00 ft (KB) (TVD) Total Depth: 4336.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair	Test Type: Conventional Bottom Hole (Initial) Tester: Gary Pevoteaux Unit No: 56 Reference Elevations: 1856.00 ft (KB) 1843.00 ft (CF) KB to GR/CF: 13.00 ft
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Serial #: 8352 Inside	Press@RunDepth: 48.89 psig @ 4281.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2013.09.27	End Date: 2013.09.27	Last Calib.: 2013.09.27
Start Time: 05:34:55	End Time: 12:07:19	Time On Btm: 2013.09.27 @ 07:24:35 Time Off Btm: 2013.09.27 @ 10:00:50

TEST COMMENT: IF:Fair blow . Increase to 10".

ISI:No blow .
 FF:Fair blow . Increase to 10".
 FSI:No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.00	117.57	Initial Hydro-static
2	23.06	116.89	Open To Flow (1)
31	37.06	118.93	Shut-In(1)
76	244.29	120.63	End Shut-In(1)
77	31.96	120.54	Open To Flow (2)
107	48.89	121.48	Shut-In(2)
155	220.20	122.46	End Shut-In(2)
157	2169.92	124.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 8%g 8%o 84%m.	0.30
0.00	240 ft.of GIP/Clean oil @ top of tool	0.00

Gas Rates

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

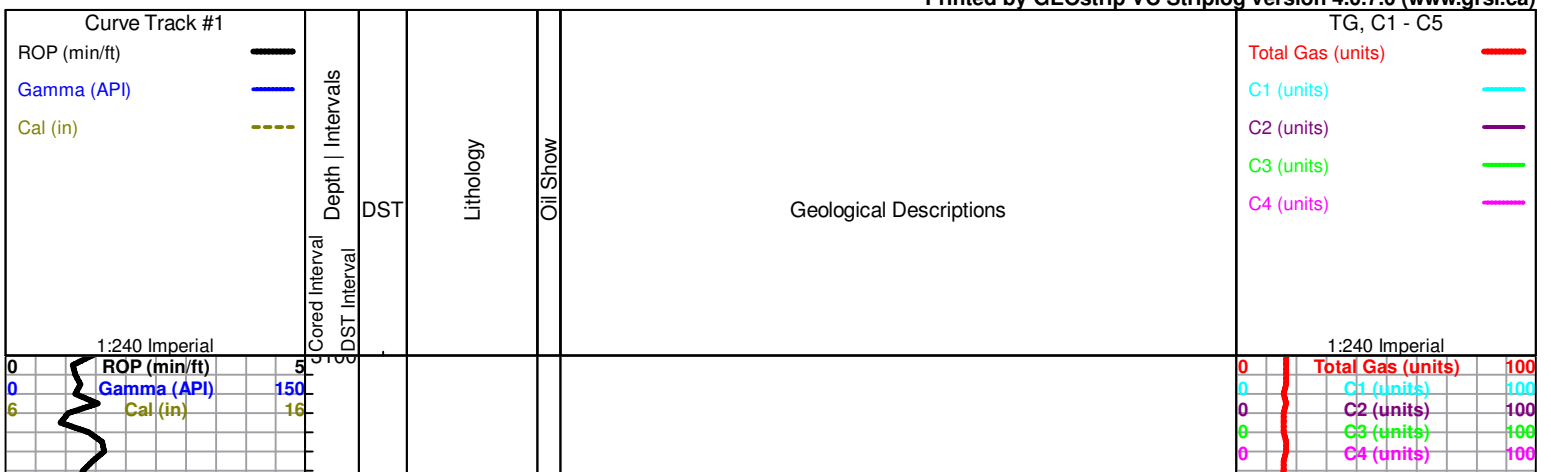
ROCK TYPES

Cht	Lmst fw7> shale, grn	shale, gry	Ss
Dolsec	Carbon Sh	Slst	

OTHER SYMBOLS

- DST
 DST Int
 DST alt
 Core
 tail pipe

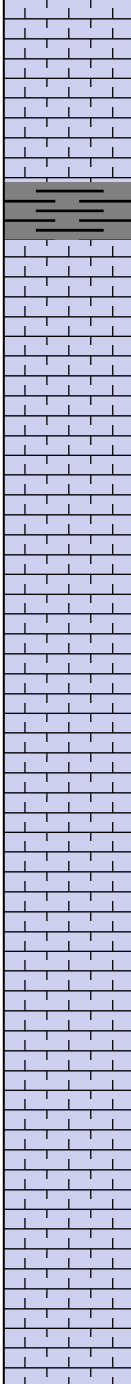
Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)



3120
3140
3160
3180
3200
3220
3240
3260
3280
3300
3320

ROP (min/ft) 5
Gamma (API) 150
Cal (in) 16

0
0
6



TOPEKA 3189 (-1333)

Limestone; cream-tan, fine xln, chalky, dense

grey shale

Limestone; cream-buff, fine xln, chalky, slightly granular, few fossiliferous pieces, poor porosity, no shows

Limestone as above

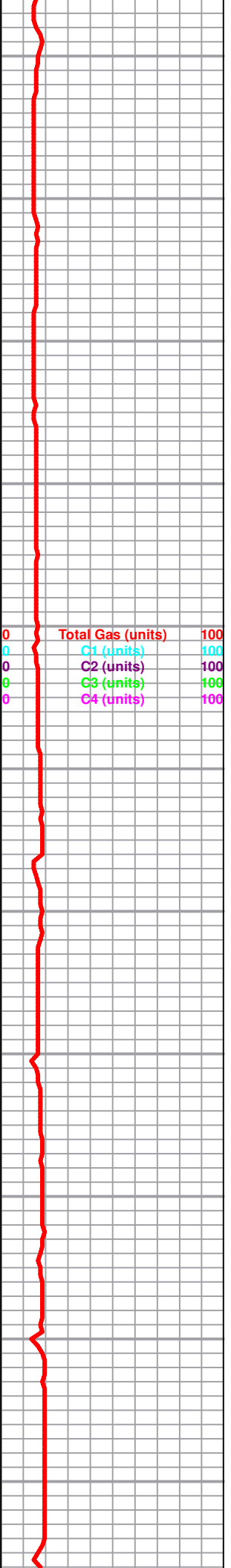
Limestone; cream-tan-lt. grey, chalky, slightly fossiliferous, dense, poor porosity, plus white chalk

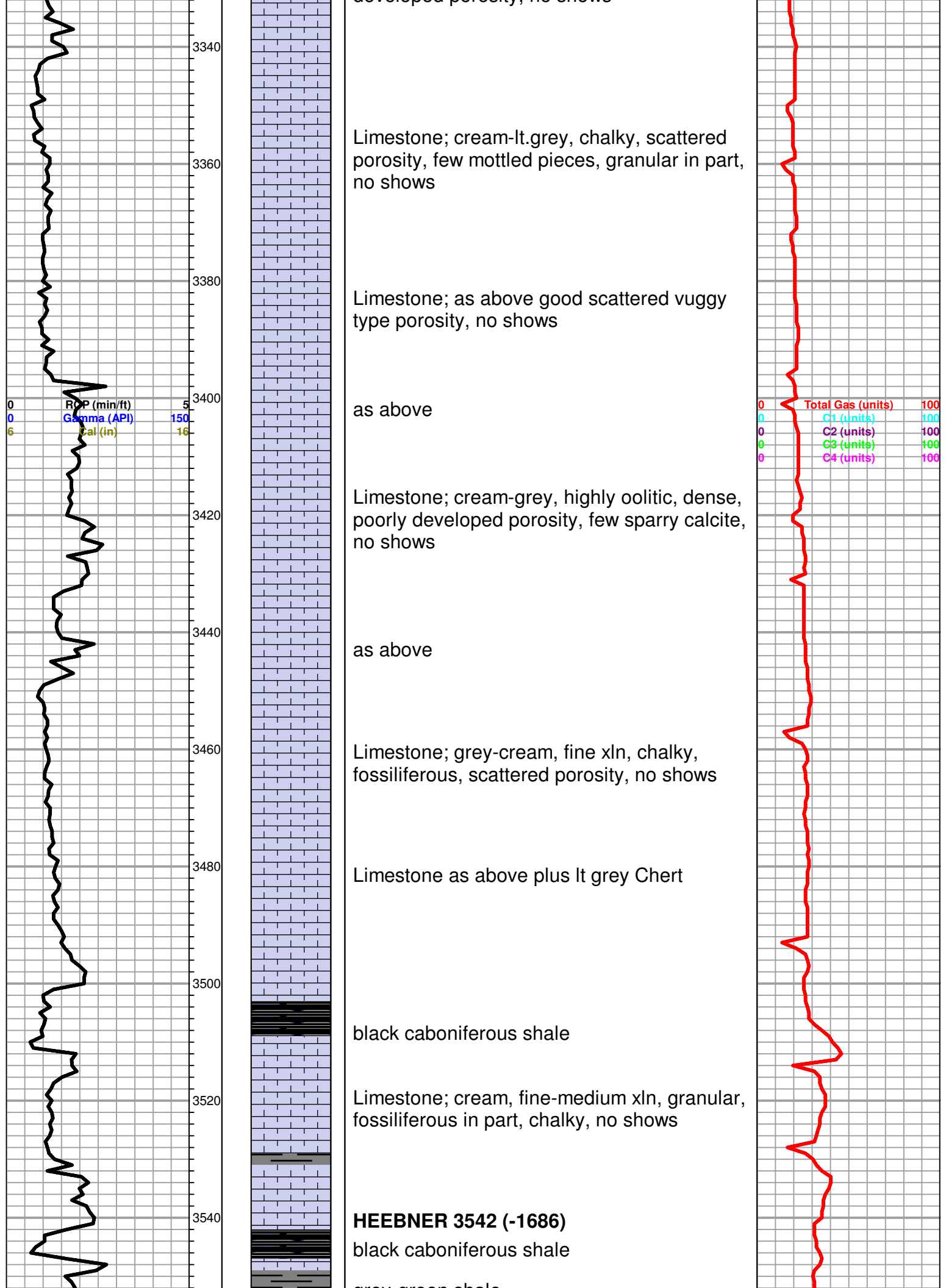
as above

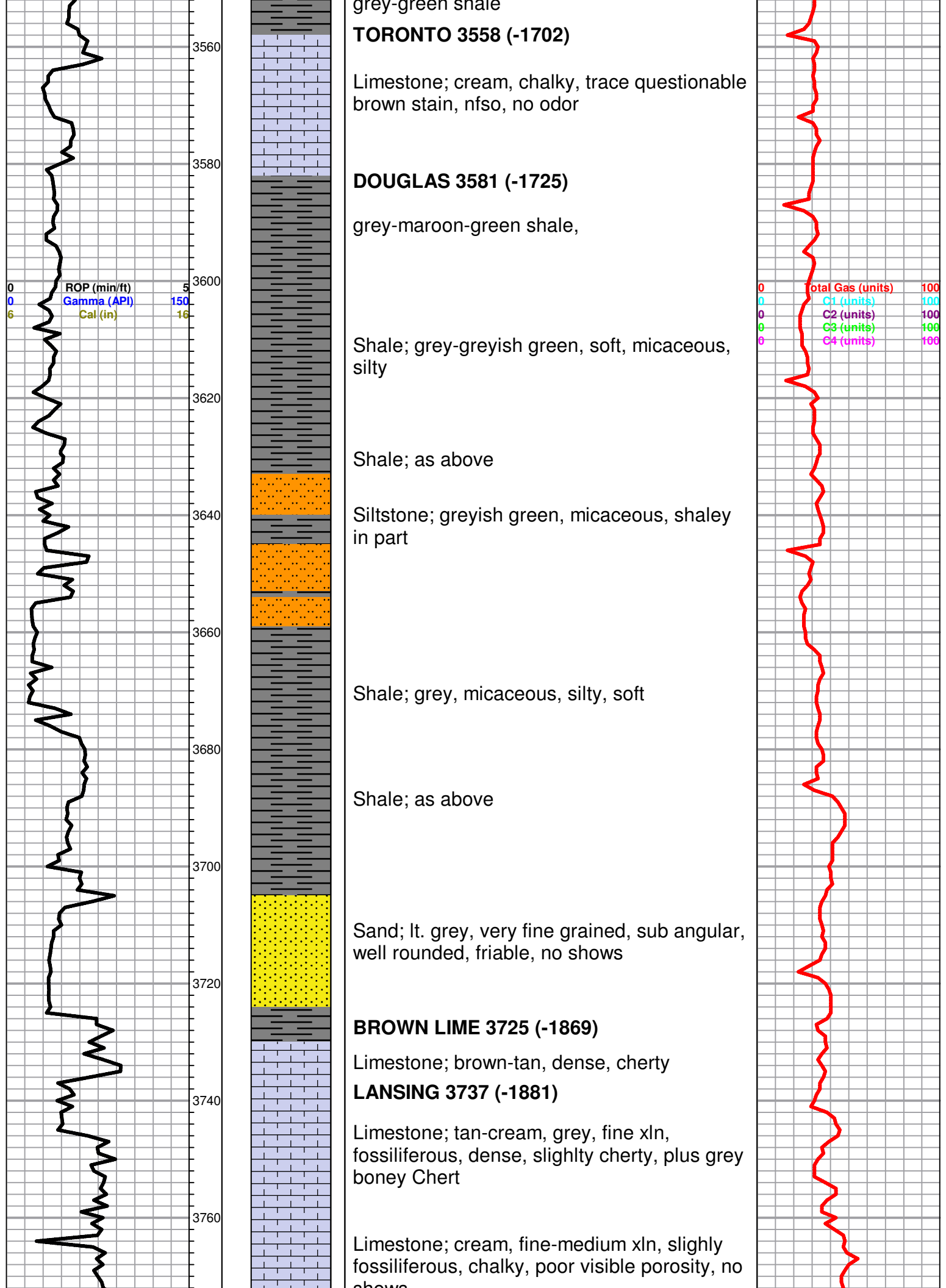
Limestone; grey-tan, highly fossiliferous-oolitic, chalky in part, dense, poorly developed porosity, no shows

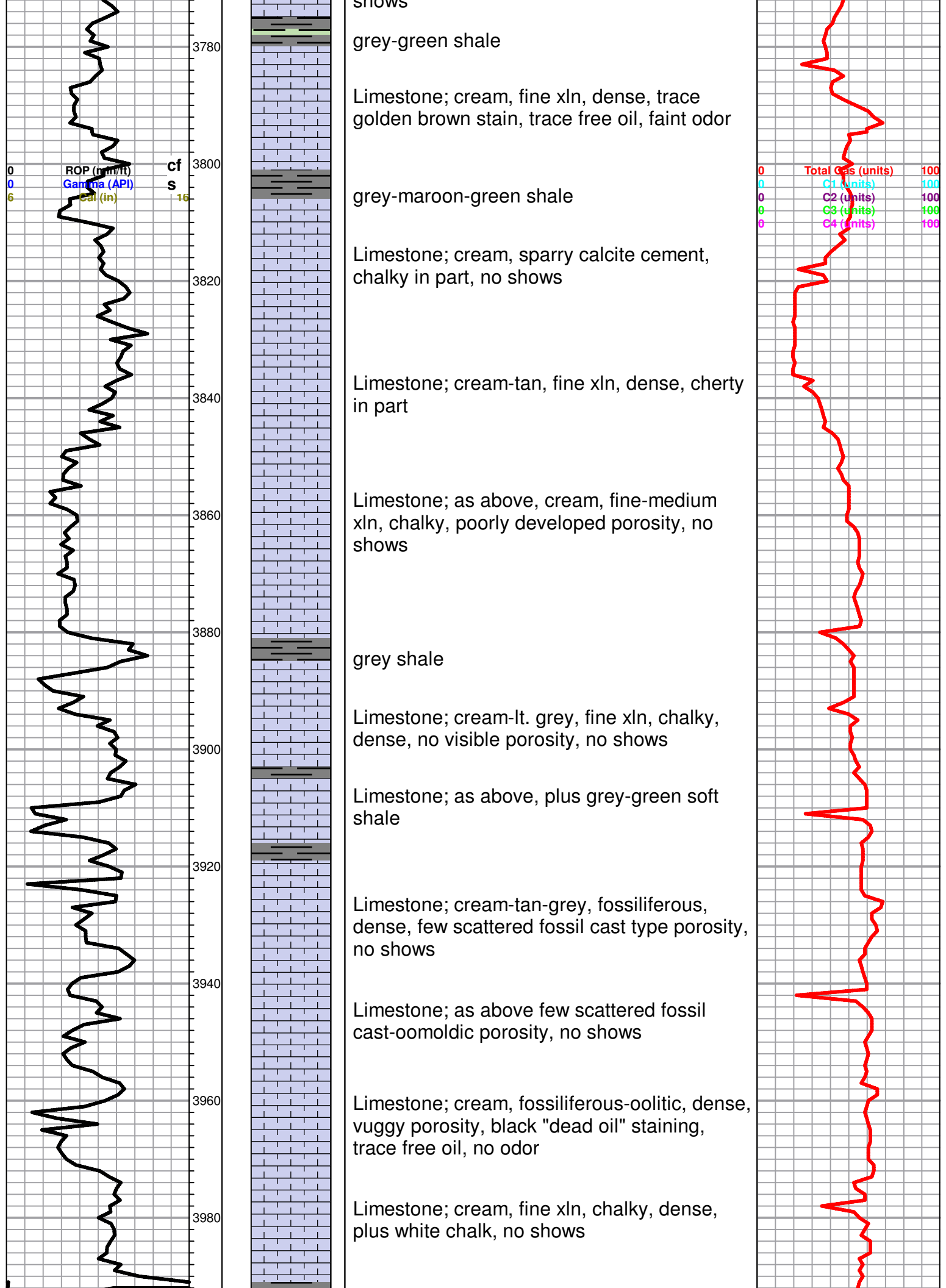
Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

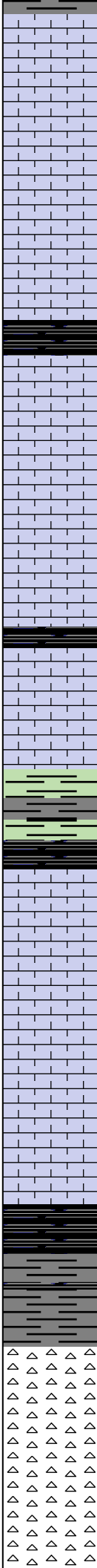
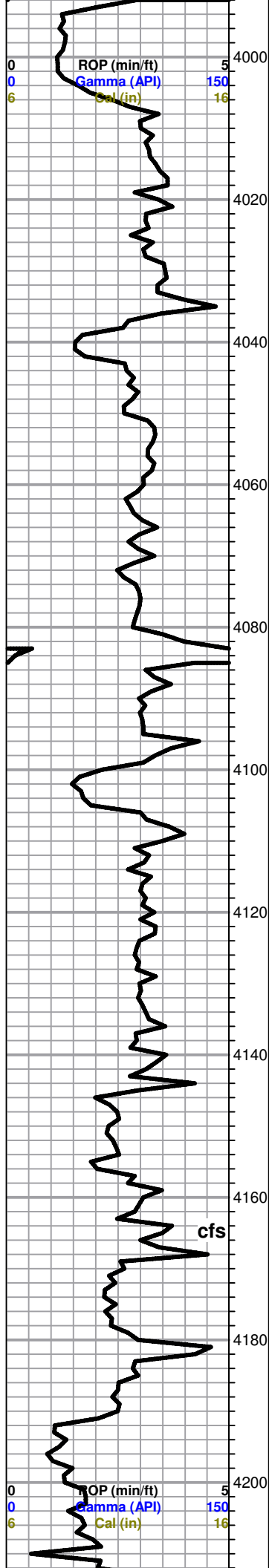
0
0
0
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grey-maroon-green shale

Limestone; cream-white, chalky, poorly developed porosity, slightly granular, no shows

Limestone; tan-cream, fine xln, dense, cherty, poor porosity, no shows, plus grey boney Chert

STARK SHALE
black carboniferous shale

Limestone; cream, fine-medium xln, chalky in part, few scattered inter xln porosity, trace brown stain, NSFO, no odor

Limestone; as above, plus grey Chert

black carboniferous shale

Limestone; buff-cream, fine xln, dense, cherty, poor porosity, no shows

BASE KANSAS CITY 4100

black carboniferous shale, plus grey-green shale

Limestone; cream-white, fin xln, chalky, dense, poor visible porosity, no shows, trace Chert; grey-lt. grey-cream, boney

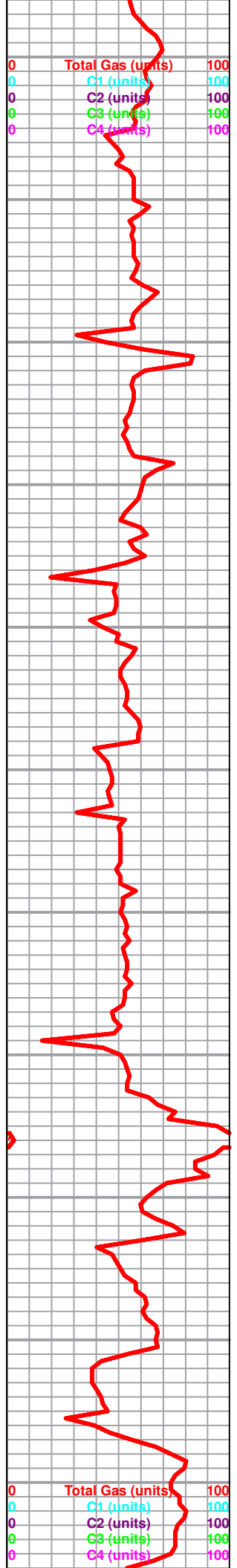
Limestone; cream, fine xln, inter xln porosity, spotty brown stain, NSFO, no odor plus Chert; grey-smokey grey, brown-black stain, NSFO

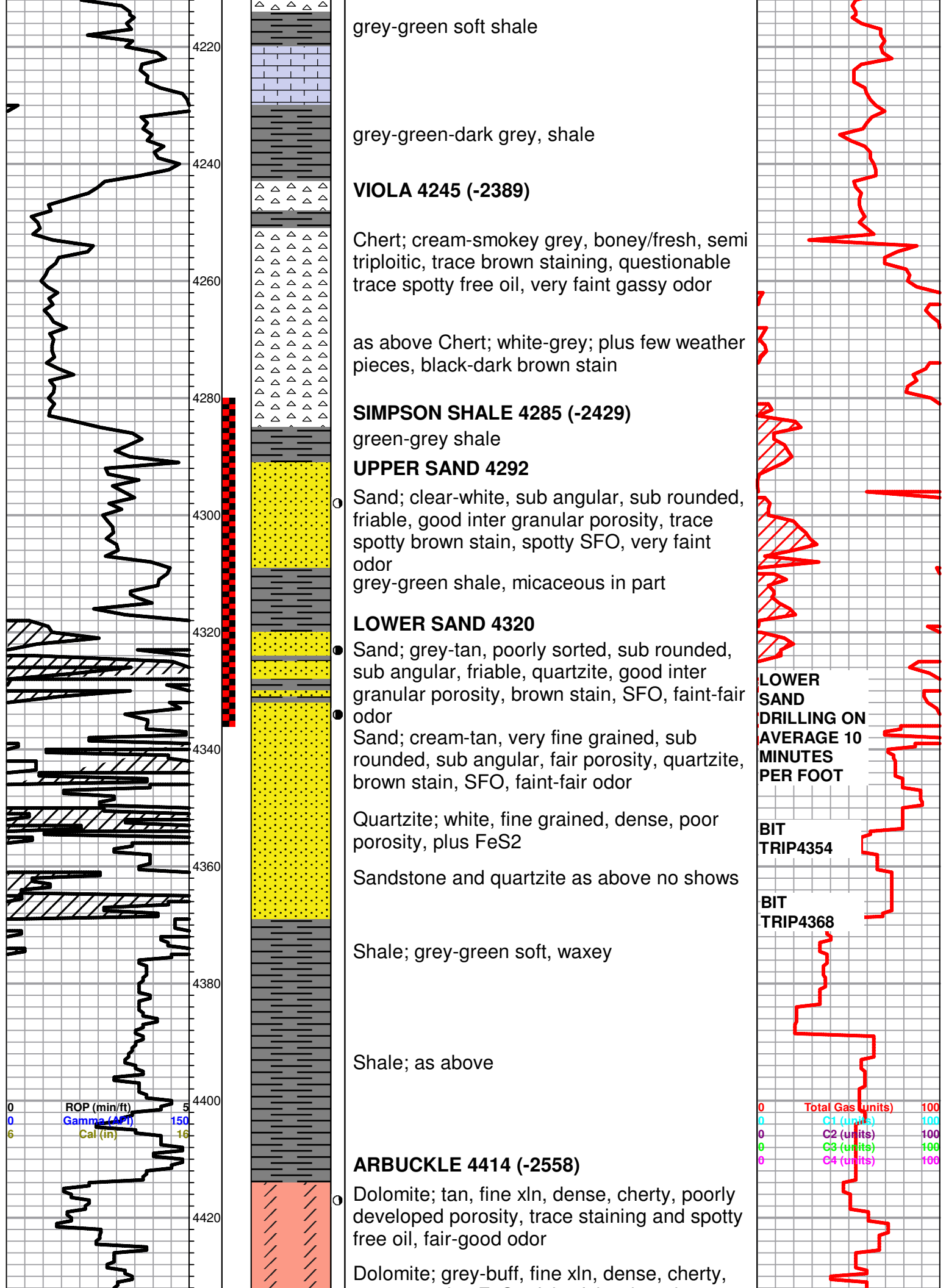
trace black cardoniferous shale

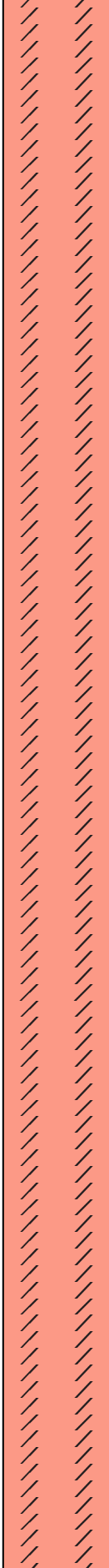
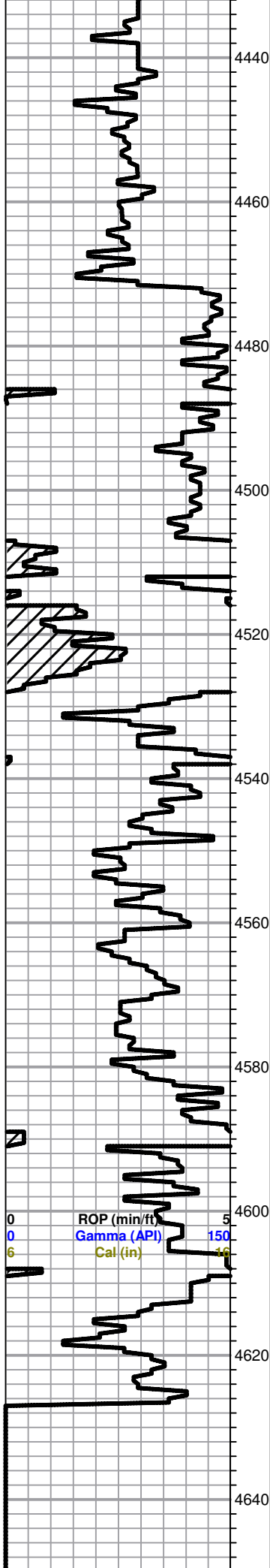
grey-green shale plus Limestone; cream, fine xln, chalky, dense, no shows

MISSISSIPPI 4190 (-2334)

Chert; cream-amber, boney/fresh, few semi tripolitic pieces, brown spotty stain, no odor, dull grey fluorescence







poor porosity, FeS₂, faint-fair odor, plus Chert, boney translucent

Dolomite; cream-lt. grey, fine-medium xln, quartz inclusions, poorly developed porosity, Chert; lt. grey-translucent

Dolomite and chert as above

Dolomite; tan-buff, fine-medium xln, dense, poor porosity, cherty in part, plus Chert; white-smokey grey, oolitic in part

Dolomite; tan-grey-buff, fine-medium xln, dense, cherty, poorly developed porosity, plus grey-white boney Chert

Dolomite; as above, few inter xln type porosity

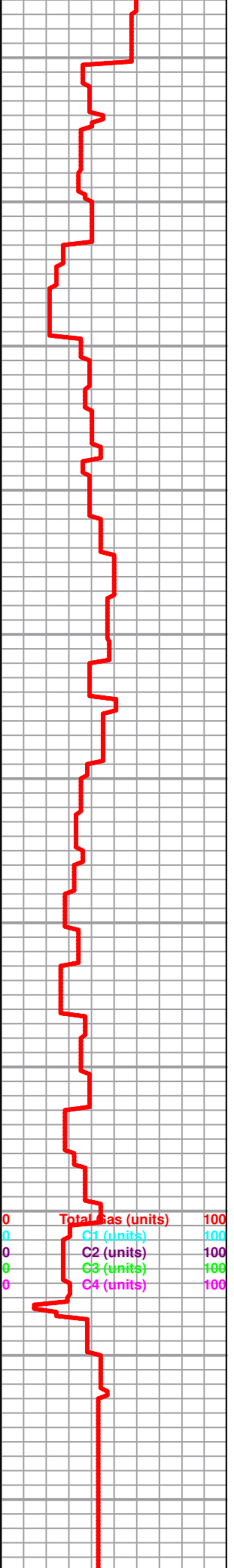
Dolomite; cream-white, fine xln, sucrosic, few scattered porosity, no shows, plus grey-white boney chert

Dolomite; as above

Dolomite; buff-cream-lt. grey, fine-medium xln, dense, slightly granular, poor porosity

Dolomite; cream-buff, fine-medium xln, sandy-granular in part, fair inter xln porosity, no shows

ROTARY TOTAL DEPTH



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 18, 2013

Robin L. Austin
Rama Operating Co., Inc.
101 S MAIN ST
STAFFORD, KS 67578-1429

Re: ACO1
API 15-151-22423-00-00
Hillard 4-1
NE/4 Sec.01-28S-13W
Pratt County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Robin L. Austin