KOLAR Document ID: 1504764

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 # 33936
Name: Griffin, Charles N.
Address 1: PO BOX 347
Address 2:
City: PRATT State: KS Zip: 67124 + 0347
Contact Person: Charles N Griffin
Phone: (620) 672-9700
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Bruce Reed
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 #:

11/14/2019 Spud Date or Recompletion Date
11/19/2019 Date Reached TD
01/09/2020 Completion Date or Recompletion Date

API No.: 15-151-22505-00-00
Spot Description:
- SE - SE - SW Sec. 21 Twp. 29 S. R. 15 ☐ East ☑ West
330 Feet from ☐ North / ☑ South Line of Section
2310 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Pratt
Lease Name: PAISLEE Well #: #1
Field Name:
Producing Formation: Viola
Elevation: Ground: 2003 Kelly Bushing: 2014
Total Vertical Depth: 4900 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 264 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: 0 ppm Fluid volume: 480 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Griffin Management, LLC
Lease Name: Hirt Farms 1-29 SWD License #: 33936
Quarter NW Sec. 29 Twp. 29 S. R. 15 ☐ East ☑ West
County: Pratt Permit #: D30162.0

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: 03/04/2020
☐ **Confidential Release Date:** 03/04/2022
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 03/05/2020

Operator Name: Griffin, Charles N. Lease Name: PAISLEE Well #: #1

Sec. 21 Twp. 29 S. R. 15 ☐ East ☑ West County: Pratt

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 *(Attach Additional Sheets)*	☐ Yes	☑ No	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	264	Common	250	2% Gel, 3% CC
Production	7.875	4.5	10.5	4896	Common	200	2% Gel, 10% Salt, Koseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

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:					
01/09/2020	☐ Flowing	☑ Pumping	☐ Gas Lift	☐ Other *(Explain)*		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	4714	4718

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
2	4670	4676	CIBP Cast Iron Bridge Plug	4706	
2	4657	4659			
2	4637	4643			

TUBING RECORD:	Size:	Set At:	Packer At:
	2.375	4613	4610

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	PAISLEE #1
Doc ID	1504764

All Electric Logs Run

Compensated Density-Neutron Log
Dual Induction Log
Micro Log
Sonic Log

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	PAISLEE #1
Doc ID	1504764

Tops

Name	Top	Datum
Heebner	3943	-1915
Brown Lime	4104	-2076
Lansing	4118	-2090
Stark	4423	-2395
BKC	4508	-2480
Pawnee	4571	-2543
Cherokee	4605	-2577
Viola	4667	-2639
Simpson	4807	-2779
Simpson Sand	4841	-2813

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	PAISLEE #1
Doc ID	1504764

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	264	Common	250	2% Gel, 3% CC
Production	7.875	4.5	10.5	4896	Common	200	2% Gel, 10% Salt, Koseal

QUALITY WELL SERVICE, INC.

7272

Federal Tax I.D. # 481187368
Home Office 30060 N. Hwy 281, Pratt, KS 67124
Mailing Address P.O. Box 468
Office 620-727-3410
Fax 620-672-3663
Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-19-19	21	29S	15W	PRATT	Ks		

Lease PAISLEE Well No. #1 Location PRATT, Ks W on Hwy 54 to 140th Rd

Contractor STERLING Drlg Rig #4		Owner S to 100th Rd 1 1/4 E N into	
Type Job 4 1/2 L.S.		To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Hole Size 7 7/8	T.D. 4900'		
Csg. 4 1/2	Depth 4896.87	Charge To Griffin	
Tbg. Size	Depth	Street	
Tool	Depth	City	State
Cement Left in Csg.	Shoe Joint 11.51	The above was done to satisfaction and supervision of owner agent or contractor.	
Meas Line	Displace 77.68	Cement Amount Ordered 200sx ProC 2% Gel 10% Salt 5#/sx Kolseal .6% C16A .25% C41P 1/4" PS	

EQUIPMENT				
Pumptrk 8	No.			Common 200sx
Bulktrk 10	No.			Poz. Mix
Bulktrk	No.			Gel. 376#
Pickup	No.			Calcium

JOB SERVICES & REMARKS	
	Hulls
Rat Hole 30 sx	Salt 1101#
Mouse Hole 20 sx	Flowseal 50#
Centralizers 1-3-5-7-9-11	Kol-Seal 1000#
Baskets	Mud CLR 48 500 GAL
D/V or Port Collar	CFL-117 or CD110 CAF 38 C41P 47#
Run Jt's 4 1/2 10.5# CSG SET @	Sand CC-1 9 GAL C16A 112.8#
START CSG CSG ON Bottom & TAG Bottom	Handling 246
Hook up to CSG Break circ w/ Rig DROP BALL & circ	Mileage 25/6150
w/ Rig	4 1/2 **FLOAT EQUIPMENT**
START Pumping 10 Bbls H2O 12 Bbls MF 10 Bbls H2O	Guide Shoe HEAD & manifold 1 EA
START Mix & Pump 50sx Plug R-M Holes	Centralizer 6 EA
START Mix & Pump 150sx ↓ CSG @ 14.8#/GAL	Baskets
SHUT DOWN WASH UP TRK & Release 4 1/2 LD Plug	AFU Inserts
START DISP w/ 2% KCL	Float Shoe
Lift PSI 67 out 700#	Latch Down 1 EA
Plug Down 77.7 1100#	SERVICE SUPV 1 EA
PS. up on CSG 1500#	LMV 25
Release HELD 1/2 Bbl BACK	Pumptrk Charge LONGSTRING
Good Circ thru Job	Mileage 50
THANK YOU	Tax
PLEASE CALL AGAIN Todd TJ JAKE	Discount
X Signature [signature]	Total Charge

Taylor Printing, Inc.

OPERATOR

Company:	Charles N. Griffin		
Address:	PO Box 347 Pratt, KS 67124		
Contact Geologist:			
Contact Phone Nbr:			
Well Name:	#1 Paislee		
Location:	Section 21-29S-15W		
API:	15-151-22505		
Pool:		Field:	15-151-22505
State:	Kansas	Country:	USA

Scale 1:240 Imperial

Well Name:	#1 Paislee		
Surface Location:	Section 21-29S-15W		
Bottom Location:			
API:	15-151-22505		
License Number:			
Spud Date:	11/14/2019	Time:	3:15 PM
Region:			
Drilling Completed:	11/18/2019	Time:	1:15 PM
Surface Coordinates:	330' FSL & 2310' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	2017.00ft		
K.B. Elevation:	2028.00ft		
Logged Interval:	3600.00ft	To:	4900.00ft
Total Depth:	4900.00ft		
Formation:			
Drilling Fluid Type:	Chemical (MudCo)		

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	
Latitude:	
N/S Co-ord:	330' FSL
E/W Co-ord:	2310' FWL

LOGGED BY

TERRATECH
ENERGY SERVICE, LLC

Company:	TerraTech Energy Service LLC.		
Address:	1632 S. West St. Suite 12 Wichita, KS 67208		
Phone Nbr:	316-617-3959		
Logged By:	Geologist	Name:	Bruce Reed

CONTRACTOR

Contractor:	Sterlin Drilling		
Rig #:	4		
Rig Type:	mud rotary		
Spud Date:	11/14/2019	Time:	3:15 PM
TD Date:	11/18/2019	Time:	1:15 PM
Rig Release:	11/19/2019	Time:	8:00 PM

ELEVATIONS

K.B. Elevation:	2028.00ft	Ground Elevation:	2017.00ft
K.B. to Ground:	11.00ft		

NOTES

Surface Casing: 8-5/8" at 264'
Production Casing: 4-1/2" at 4896'

Daily Penetration:

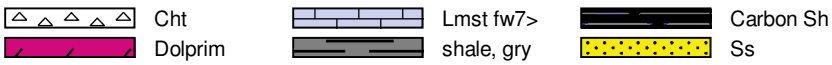
11/14/19	Spud @ 3:15 PM	
11/15/19	268'	
11/16/19	2150'	
11/17/19	3765'	
11/18/19	4700'	RTD @ 1:15 PM
11/19/19	4700'	Rig released @ 8:00 PM

FORMATION TOPS

Formation	Sample Top	Datum	Log Top	Datum	Comparison*
Heebner	3939'	-1911	3943'	-1915	-10
Brown Lime	4100'	-2072	4104'	-2076	-10
Lansing	4114'	-2086	4118'	-2090	-5
Stark	4419'	-2391	4423'	-2395	-1
BKC	4502'	-2474	4508'	-2480	+1
Pawnee	4566'	-2538	4571'	-2543	flat
Cherokee	4599'	-2571	4605'	-2577	flat
Viola	4662'	-2634	4667'	-2639	+12
Simpson	4801'	-2773	4807'	-2779	-12
Simpson Sand	4836'	-2808	4841'	-2813	-12

*Charles N. Griffin, #3 Cambrie, 1650' FNL/550' FWL, Section 28-29S-15W
Pratt County, Kansas

ROCK TYPES



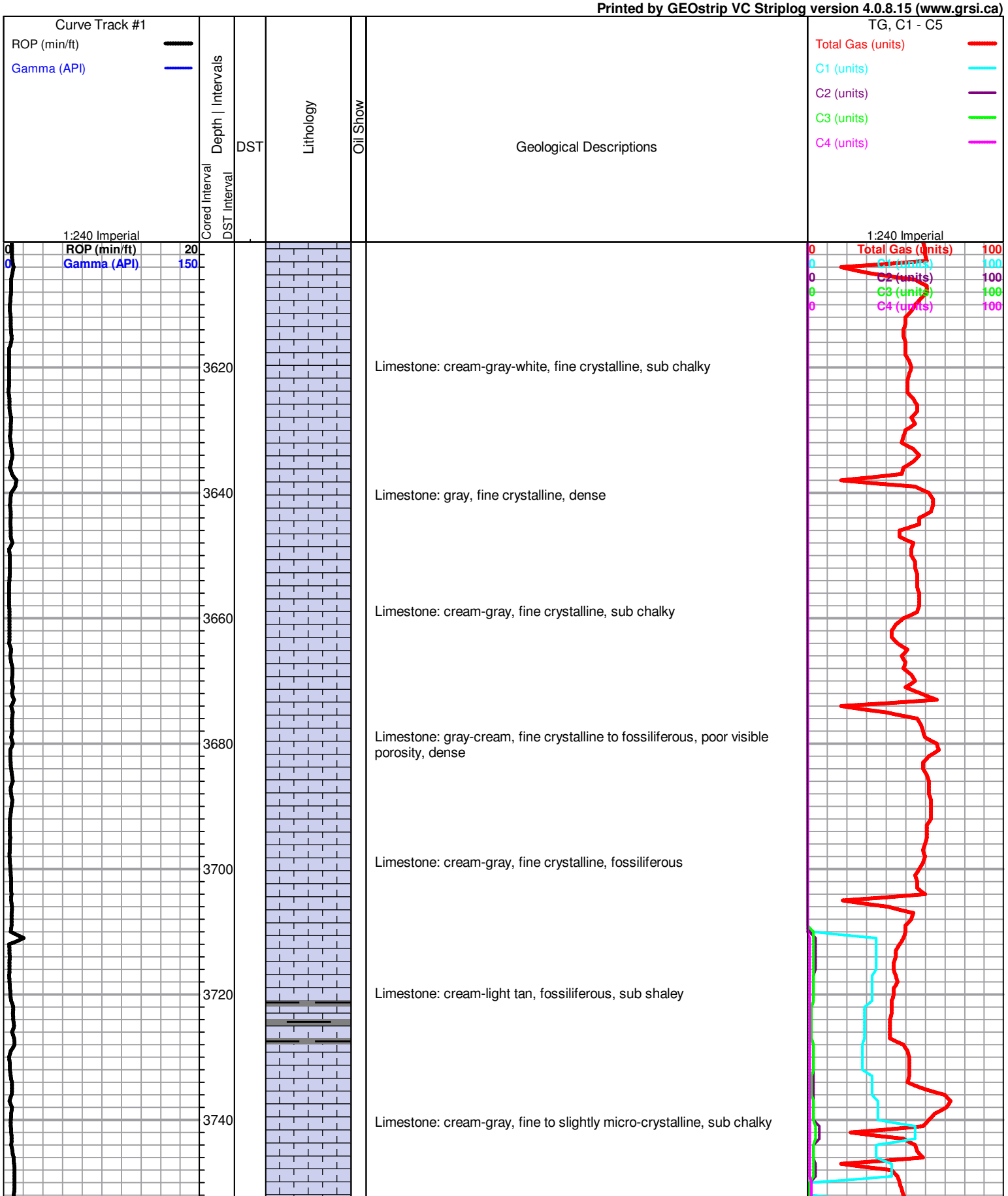
OTHER SYMBOLS

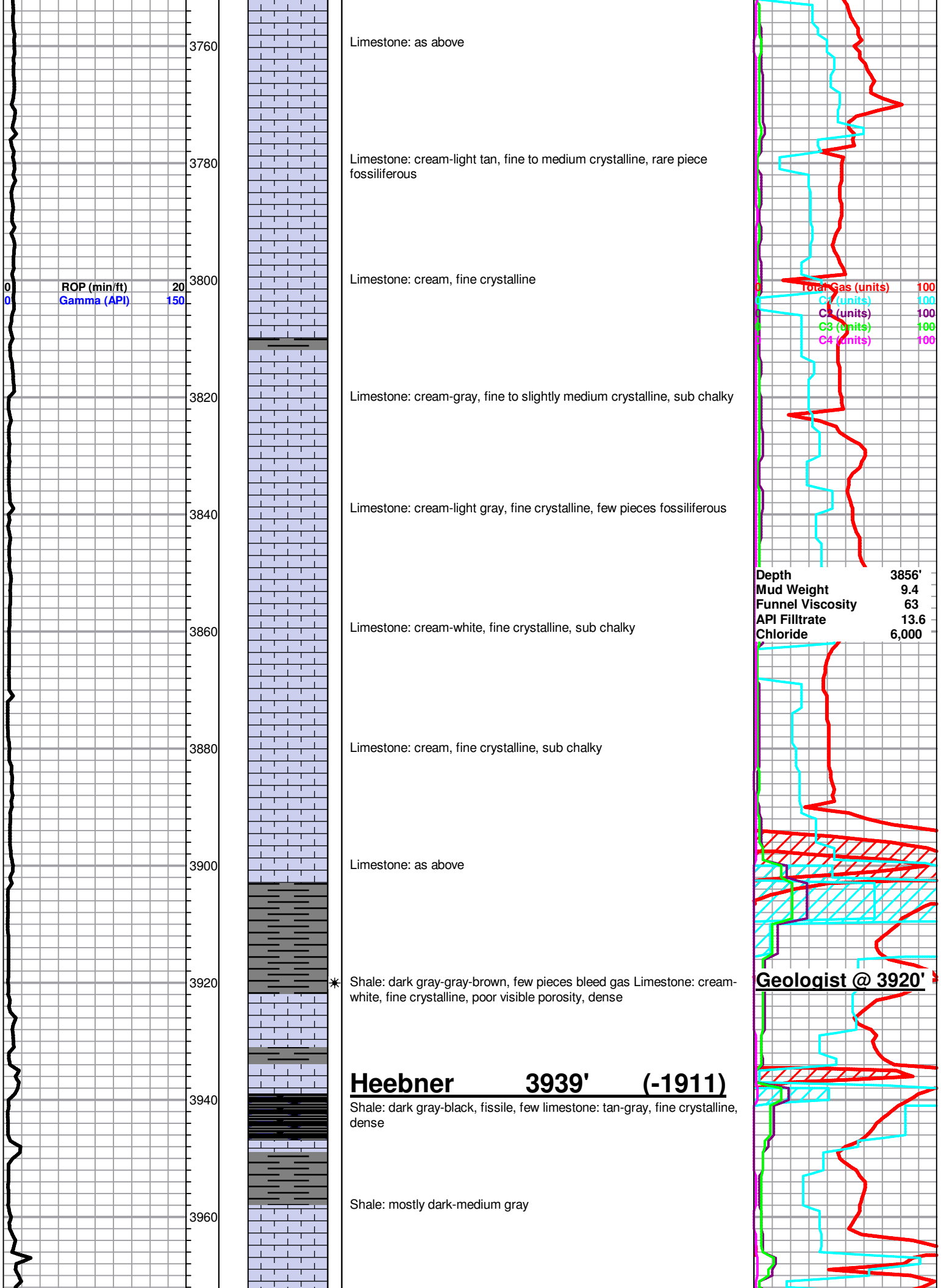
INTERVALS
- Core
- DST

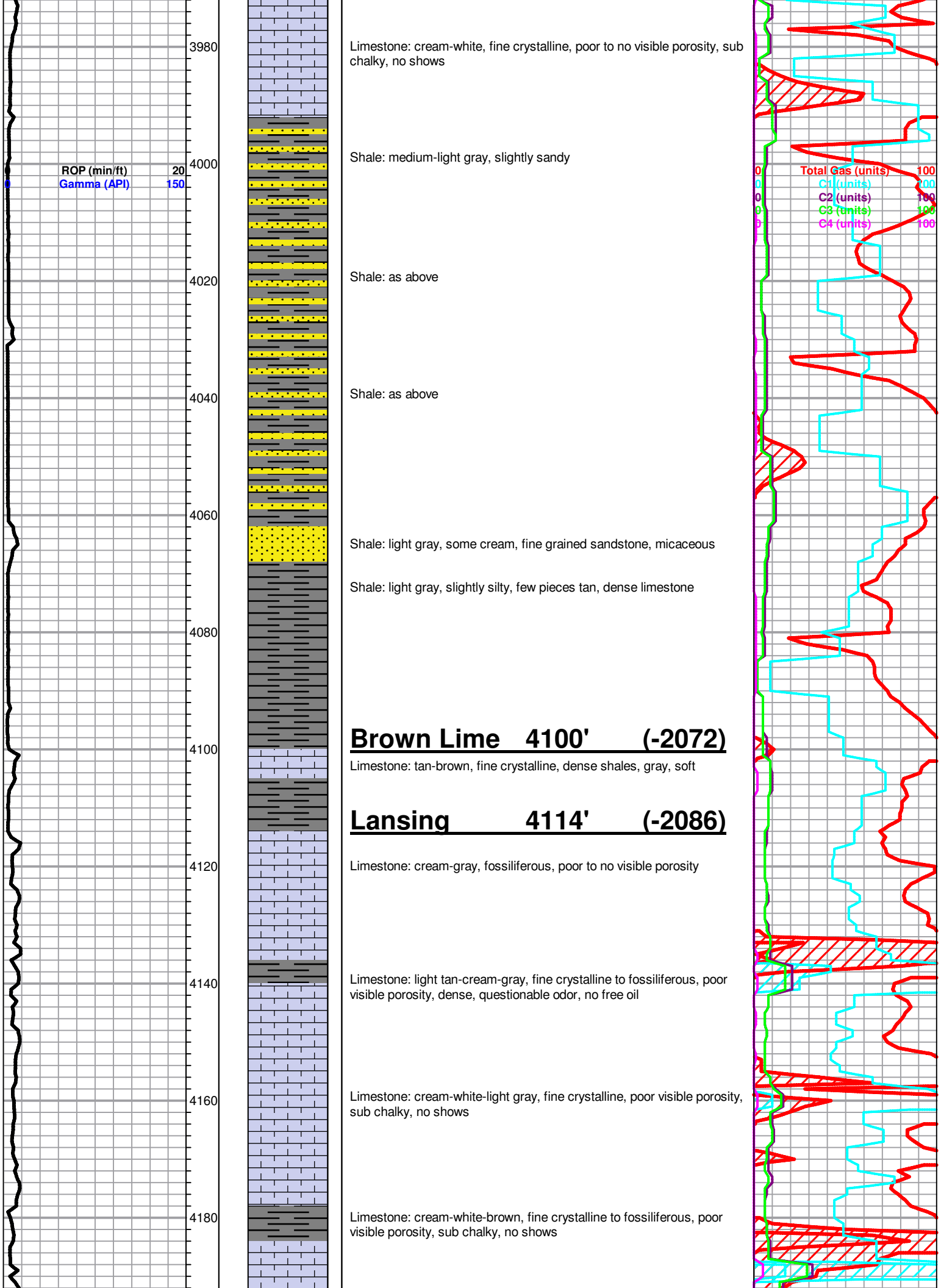
Oil Show
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- Dead Oil Stn
- Fluorescence
- Gas

DST
- DST Int
- DST alt
- Core
- tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)




0 ROP (min/ft) 20
0 Gamma (API) 150
3760
3780
3800
3820
3840
3860
3880
3900
3920
3940
3960
Limestone: as above
Limestone: cream-light tan, fine to medium crystalline, rare piece fossiliferous
Limestone: cream, fine crystalline
Limestone: cream-gray, fine to slightly medium crystalline, sub chalky
Limestone: cream-light gray, fine crystalline, few pieces fossiliferous
Limestone: cream-white, fine crystalline, sub chalky
Limestone: cream, fine crystalline, sub chalky
Limestone: as above
Shale: dark gray-gray-brown, few pieces bleed gas Limestone: cream-white, fine crystalline, poor visible porosity, dense
Heebner 3939' (-1911)
Shale: dark gray-black, fissile, few limestone: tan-gray, fine crystalline, dense
Shale: mostly dark-medium gray
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
Depth 3856'
Mud Weight 9.4
Funnel Viscosity 63
API Filltrate 13.6
Chloride 6,000
Geologist @ 3920'



Limestone: cream-white, fine crystalline, poor to no visible porosity, sub chalky, no shows

Shale: medium-light gray, slightly sandy

Shale: as above

Shale: as above

Shale: light gray, some cream, fine grained sandstone, micaceous

Shale: light gray, slightly silty, few pieces tan, dense limestone

Brown Lime 4100' (-2072)

Limestone: tan-brown, fine crystalline, dense shales, gray, soft

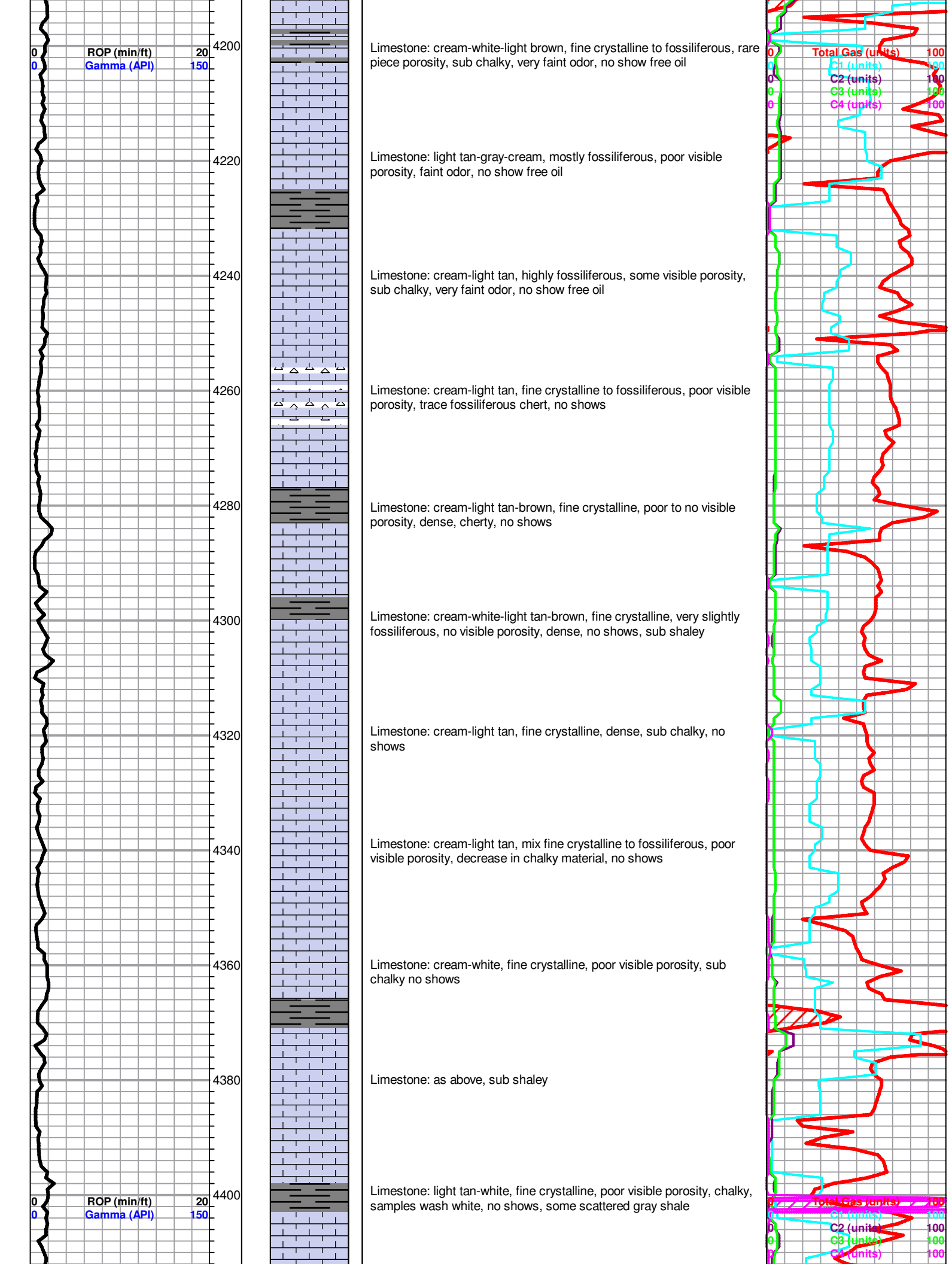
Lansing 4114' (-2086)

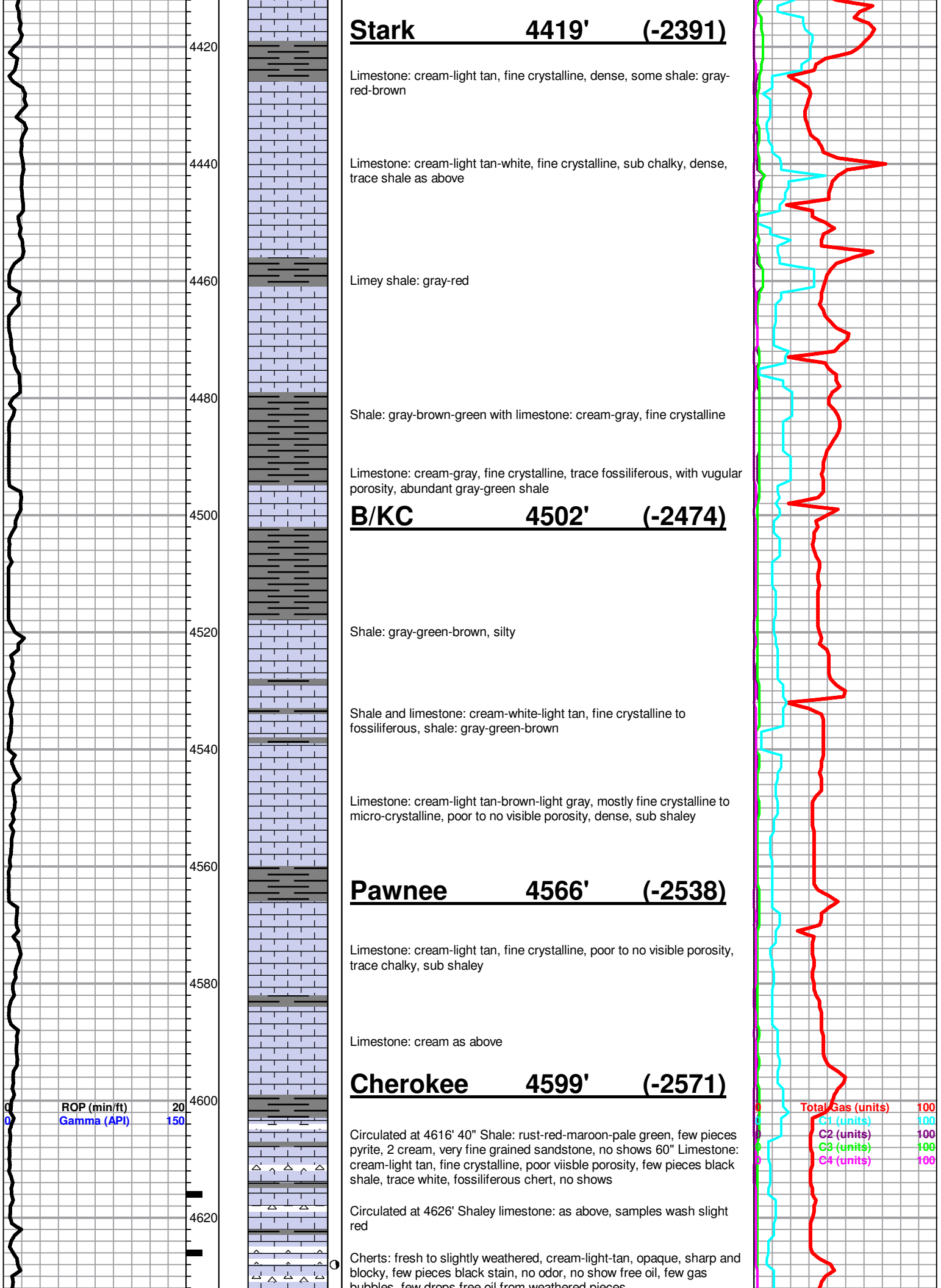
Limestone: cream-gray, fossiliferous, poor to no visible porosity

Limestone: light tan-cream-gray, fine crystalline to fossiliferous, poor visible porosity, dense, questionable odor, no free oil

Limestone: cream-white-light gray, fine crystalline, poor visible porosity, sub chalky, no shows

Limestone: cream-white-brown, fine crystalline to fossiliferous, poor visible porosity, sub chalky, no shows


0 ROP (min/ft) 20
0 Gamma (API) 150
4200
4220
4240
4260
4280
4300
4320
4340
4360
4380
4400
Limestone: cream-white-light brown, fine crystalline to fossiliferous, rare piece porosity, sub chalky, very faint odor, no show free oil
Limestone: light tan-gray-cream, mostly fossiliferous, poor visible porosity, faint odor, no show free oil
Limestone: cream-light tan, highly fossiliferous, some visible porosity, sub chalky, very faint odor, no show free oil
Limestone: cream-light tan, fine crystalline to fossiliferous, poor visible porosity, trace fossiliferous chert, no shows
Limestone: cream-light tan-brown, fine crystalline, poor to no visible porosity, dense, cherty, no shows
Limestone: cream-white-light tan-brown, fine crystalline, very slightly fossiliferous, no visible porosity, dense, no shows, sub shaley
Limestone: cream-light tan, fine crystalline, dense, sub chalky, no shows
Limestone: cream-light tan, mix fine crystalline to fossiliferous, poor visible porosity, decrease in chalky material, no shows
Limestone: cream-white, fine crystalline, poor visible porosity, sub chalky no shows
Limestone: as above, sub shaley
Limestone: light tan-white, fine crystalline, poor visible porosity, chalky, samples wash white, no shows, some scattered gray shale
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
0 ROP (min/ft) 20
0 Gamma (API) 150
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100



Stark 4419' (-2391)

Limestone: cream-light tan, fine crystalline, dense, some shale: gray-red-brown

Limestone: cream-light tan-white, fine crystalline, sub chalky, dense, trace shale as above

Limey shale: gray-red

Shale: gray-brown-green with limestone: cream-gray, fine crystalline

Limestone: cream-gray, fine crystalline, trace fossiliferous, with vugular porosity, abundant gray-green shale

B/KC 4502' (-2474)

Shale: gray-green-brown, silty

Shale and limestone: cream-white-light tan, fine crystalline to fossiliferous, shale: gray-green-brown

Limestone: cream-light tan-brown-light gray, mostly fine crystalline to micro-crystalline, poor to no visible porosity, dense, sub shaley

Pawnee 4566' (-2538)

Limestone: cream-light tan, fine crystalline, poor to no visible porosity, trace chalky, sub shaley

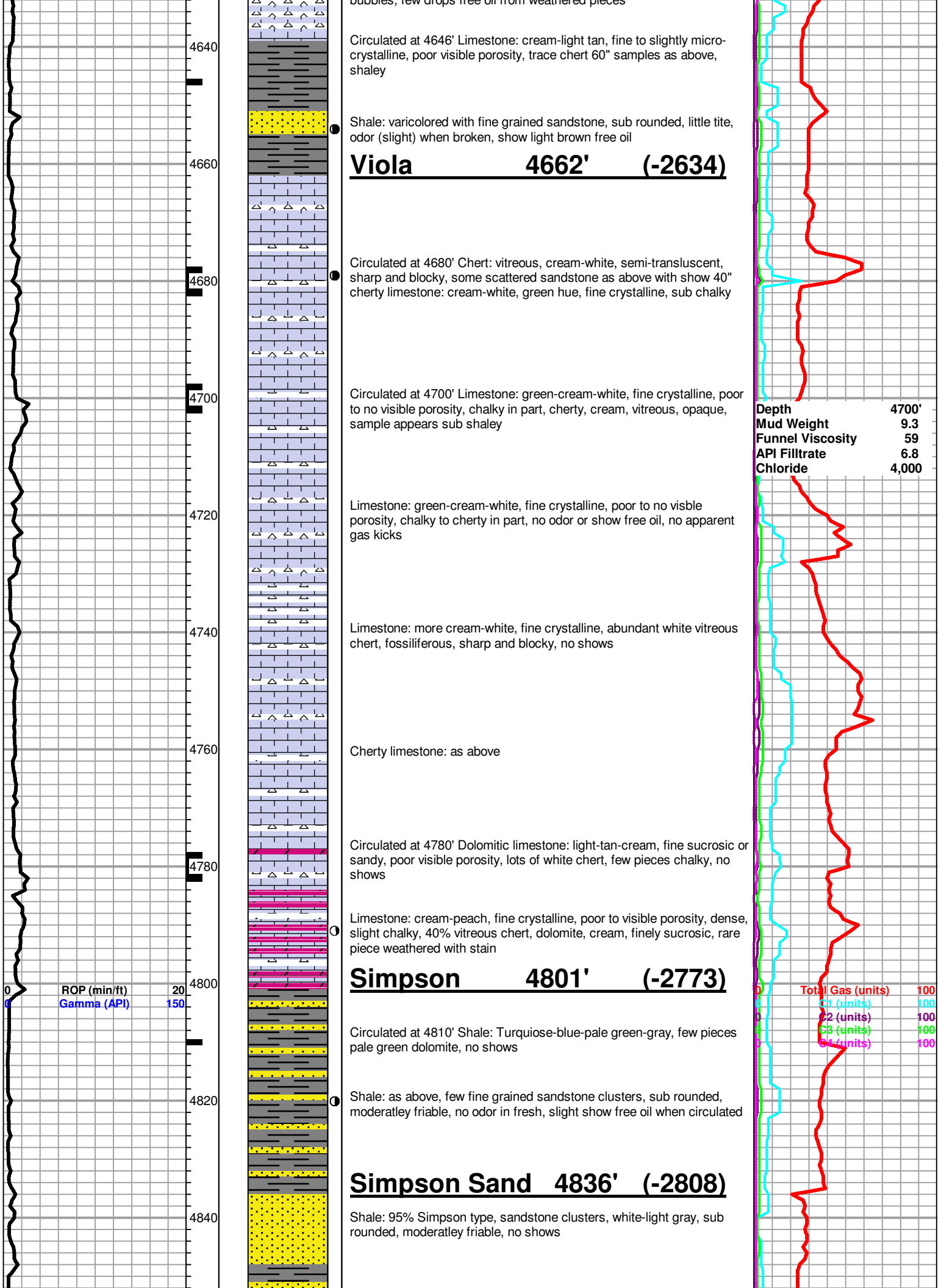
Limestone: cream as above

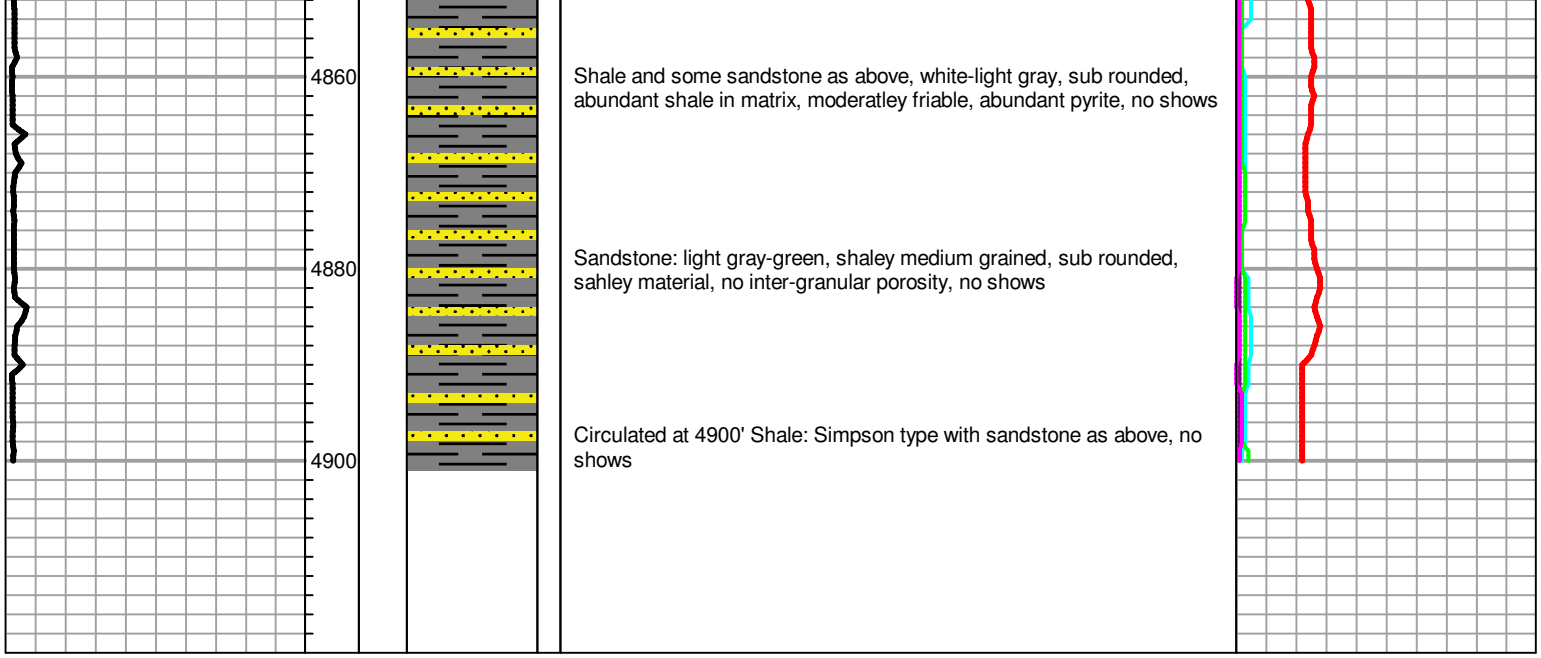
Cherokee 4599' (-2571)

Circulated at 4616' 40" Shale: rust-red-maroon-pale green, few pieces pyrite, 2 cream, very fine grained sandstone, no shows 60" Limestone: cream-light tan, fine crystalline, poor viisble porosity, few pieces black shale, trace white, fossiliferous chert, no shows

Circulated at 4626' Shaley limestone: as above, samples wash slight red

Cherts: fresh to slightly weathered, cream-light-tan, opaque, sharp and blocky, few pieces black stain, no odor, no show free oil, few gas bubbles, few drops free oil from weathered pieces


bubbles, few drops free oil from weathered pieces
4640
Circulated at 4646' Limestone: cream-light tan, fine to slightly micro-crystalline, poor visible porosity, trace chert 60" samples as above, shaley
Shale: varicolored with fine grained sandstone, sub rounded, little tite, odor (slight) when broken, show light brown free oil
4660
Viola 4662' (-2634)
Circulated at 4680' Chert: vitreous, cream-white, semi-transluscent, sharp and blocky, some scattered sandstone as above with show 40" cherty limestone: cream-white, green hue, fine crystalline, sub chalky
4680
4700
Circulated at 4700' Limestone: green-cream-white, fine crystalline, poor to no visible porosity, chalky in part, cherty, cream, vitreous, opaque, sample appears sub shaley
Depth 4700'
Mud Weight 9.3
Funnel Viscosity 59
API Filltrate 6.8
Chloride 4,000
4720
Limestone: green-cream-white, fine crystalline, poor to no visble porosity, chalky to cherty in part, no odor or show free oil, no apparent gas kicks
4740
Limestone: more cream-white, fine crystalline, abundant white vitreous chert, fossiliferous, sharp and blocky, no shows
4760
Cherty limestone: as above
Circulated at 4780' Dolomitic limestone: light-tan-cream, fine sucrosic or sandy, poor visible porosity, lots of white chert, few pieces chalky, no shows
4780
Limestone: cream-peach, fine crystalline, poor to visible porosity, dense, slight chalky, 40% vitreous chert, dolomite, cream, finely sucrosic, rare piece weathered with stain
Simpson 4801' (-2773)
0 ROP (min/ft) 20
0 Gamma (API) 150
4800
0 Total Gas (units) 100
C1 (units) 100
0 C2 (units) 100
C3 (units) 100
C4 (units) 100
Circulated at 4810' Shale: Turquiose-blue-pale green-gray, few pieces pale green dolomite, no shows
4820
Shale: as above, few fine grained sandstone clusters, sub rounded, moderatley friable, no odor in fresh, slight show free oil when circulated
Simpson Sand 4836' (-2808)
4840
Shale: 95% Simpson type, sandstone clusters, white-light gray, sub rounded, moderatley friable, no shows


4860
4880
4900
Shale and some sandstone as above, white-light gray, sub rounded, abundant shale in matrix, moderatley friable, abundant pyrite, no shows
Sandstone: light gray-green, shaley medium grained, sub rounded, sahley material, no inter-granular porosity, no shows
Circulated at 4900' Shale: Simpson type with sandstone as above, no shows

QUALITY WELL SERVICE, INC.

7271

Federal Tax I.D. # 481187368
Home Office 30060 N. Hwy 281, Pratt, KS 67124
Mailing Address P.O. Box 468
Office 620-727-3410
Fax 620-672-3663
Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 11-14-19	21	29S	15W	PRATT	KS		

Lease PAISLEE Well No. #1 Location PRATT KS W to CROFT Rd 8½ S to CROFT

Contractor STERLING DRLG RIG #4 Owner 1½ E N into

Type Job SURFACE

Hole Size 12¼ T.D. 268'

Csg. 8⅝ 23# Depth 264'

Tbg. Size Depth

Tool Depth

Cement Left in Csg. Shoe Joint 20

Meas Line Displace 15.6 Bbls

To Quality Well Service, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Griffin

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 250 sx Common

EQUIPMENT

Pumptrk 8	No.		
Bulktrk 11	No.		
Bulktrk	No.		
Pickup	No.		

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Rn 6 jt's 8⅝ 23# CSG SET @ 264

START CSG CSG on Bottom Hook up to CSG

BREAK CIRC W/RIG

START PUMPING 10 Bbls H2O

START MIX & PUMP 250 sx Common

2% GEL 3% CC ½# PS @ 14.8 #/GAL

SHUT DOWN RELEASE 8⅝ Wooden Plug

START DISP

15.6 bbl CLOSE VALVE on CSG 150#

Good Circ thru JOB

CIRC CMT TO PIT

Thank You

PLEASE CALL AGAIN

TODD TJ JAKE

X Signature

Cement Amount Ordered 2% GEL 3% CC ½# PS

Common	250
Poz. Mix	
Gel.	470 #
Calcium	705 #
Hulls	
Salt	
Flowseal	125 #
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	269
Mileage	25

8⅝ **FLOAT EQUIPMENT**

Guide ~~Shoe~~	1 EA Wooden Plug
Centralizer	1 EA Head manifold
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
SERVICE SUPV	1 EA
LMV	25
Pumptrk Charge	Surface
Mileage	50
Tax	
Discount	
Total Charge	

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