



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
 Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 052491

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: LIBERAL KS

DATE <u>AUG 6/13</u>	SEC <u>23</u>	TWP <u>32S</u>	RANGE <u>27 W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 PM</u>	JOB FINISH <u>11:00 PM</u>
LEASE: <u>Falejo</u>	WELL # <u>23-4</u>		LOCATION <u>HUGOTON HWY 24 N To RD 0</u>	COUNTY <u>STROUFERS</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)			<u>EST To Rig Sign S To Loc</u>				

CONTRACTOR <u>DUKE BIG #9</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>8 5/8 SO R RACE</u>	
HOLE SIZE _____ T.D. <u>1750 FT</u>	CEMENT
CASING SIZE <u>8 5/8</u> DEPTH <u>1743</u>	AMOUNT ORDERED <u>420 A 39 CC 20 600-</u>
TUBING SIZE _____ DEPTH <u>1743</u>	<u>100 WAFIAS+11 CATS 20 600 CW & 1193 200</u>
DRILL PIPE _____ DEPTH _____	<u>150 SEC 200</u>
TOOL _____ DEPTH _____	
PRES. MAX <u>900</u> MINIMUM _____	COMMON <u>A 425 @ 17.90 7607.50</u>
MEAS. LINE _____ SHOE JOINT <u>42.26</u>	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>42.26</u>	GEL _____ @ _____
PERFS. <u>NA</u>	CHLORIDE <u>CC 198 @ 64.00 1216.00</u>
DISPLACEMENT _____	ASC _____ @ _____

EQUIPMENT			
PUMP TRUCK CEMENTER <u>R. R RAN</u>	<u>79 Sodium METASILICATE @ 3.30 2636.70</u>		
# <u>5491550</u> HELPER <u>A ESPINOZA</u>	<u>GYP SFAL 8.5 SKS @ 37.00 300.00</u>		
BULK TRUCK	<u>FLO SFAL 106 @ 2.97 314.82</u>		
# <u>472467</u> DRIVER <u>R ESTRADA</u>			
BULK TRUCK			
# <u>562744</u> DRIVER <u>TID (PEREZ New) OAT</u>			
	HANDLING <u>G 29 @ 2.48 1559.92</u>		
	MILEAGE <u>527 @ 2.60 1370.20</u>		
	TOTAL 18665.94		

REMARKS:

THANK YOU!

CHARGE TO: PALMER OIL

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Emigdio Rojas

SIGNATURE Emigdio Rojas

SERVICE

DEPTH OF JOB <u>1749.86 FT</u>	
PUMP TRUCK CHARGE _____	<u>2213.75</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE + MAN <u>20 @ 7.70 154.00</u>	
MANIFOLD + HEAD _____ @ 2.75 _____	<u>275</u>
LILES m n <u>20 @ 4.40 88.00</u>	
	TOTAL 2730.75

PLUG & FLOAT EQUIPMENT

<u>1 GUID S 406</u>	<u>699</u>	<u>467.98</u>
<u>1 AFV FLINT</u>	<u>@ 44.99</u>	<u>44.99</u>
<u>2 RENTAR LIZMS</u>	<u>@ 74.85</u>	<u>224.64</u>
<u>1 BASKET</u>	<u>@ 55.26</u>	<u>55.26</u>
<u>1 Plug</u>	<u>@ 131.04</u>	<u>131.04</u>
		TOTAL 1822.86

SALES TAX (if Any) _____

TOTAL CHARGES 23219.52

DISCOUNT _____ IF PAID IN 30 DAYS

18575.64

OPERATOR

Company: Palmer Oil, Inc.
 Address: 3118 N. Cummings Rd.
 P.O. Box 399
 Garden City, KS 67846

Contact Geologist: Kevin Wiles
 Contact Phone Nbr: 620-275-2963
 Well Name: Palejo #23-4
 Location: Sec. 23- T32S - R37W
 Pool:
 State: Kansas

API: 15-189-22810-00-00
 Field:
 Country: USA

Scale 1:240 Imperial

Well Name: Palejo #23-4
 Surface Location: Sec. 23- T32S - R37W
 Bottom Location:
 API: 15-189-22810-00-00
 License Number: 34904
 Spud Date: 8/5/2013 Time: 6:30 PM
 Region: Stevens County
 Drilling Completed: 8/13/2013 Time: 9:00 AM
 Surface Coordinates: 2007' FNL & 2085' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 3112.00ft
 K.B. Elevation: 3124.00ft
 Logged Interval: 4700.00ft To: 6530.00ft
 Total Depth: 6530.00ft
 Formation: St. Louis
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 2007' FNL
 E/W Co-ord: 2085' FWL

LOGGED BY

Ted Pfau
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 913-461-3006
 Logged By: Geologist Name: Ted Pfau

CONTRACTOR

Contractor: Duke Drilling Company
 Rig #: 9
 Rig Type: mud rotary
 Spud Date: 8/5/2013 Time: 6:30 PM
 TD Date: 8/13/2013 Time: 9:00 AM
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 3124.00ft Ground Elevation: 3112.00ft
 K.B. to Ground: 12.00ft

NOTES

After evaluation of electrical logs and samples, it was determined by the operator that Palejo #23-4 should be plugged and abandoned.

The Gamma ray and caliper curves were imported into this mudlog from the electrical log data. No curves were shifted to provide an exact match, but rather left as recorded in the field.

provide an exact match, but rather left as recorded in the field.

The samples from this well were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted
Ted Pfau

DDR

Palmer Oil Inc.

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
08/09/2013		Geologist Ted Pfau on location @ 1845 hrs, 4890 ft., drilling ahead
08/10/2013	5462	Drilled to Cherokee, Short Trip at 5500', lost circulation when BoB, Resumed drilling 1545 hrs, Pull PDC bit 6000, TOOH for bit trip at 2330 hrs
08/11/2013	6000	BoB with new bit at 0700 hrs, resume drilling 0720 hrs
08/12/2013	6283	Drilling ahead through St. Gen and St. Louis
08/13/2013	6511	cfs in St. Louis B zone, resume drilling to TD, TD 6530 at 0900 hrs Short trip, circ, TOOH 1330 hrs, begin logging 1800 hrs, logging completed 0100 hrs, geologist off location 0200 hrs

WCS

Palmer Oil Inc.

well comparison sheet

DRILLING WELL					COMPARISON WELL			
Pajejo #23-4 2007' FNL & 2085' FWL Sec 23 - T32 - R37W					Willis #23-2 1650' FNL & 1980' FEL Sec 23 - T32 - R37W			
3124 KB					3116 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Lansing	N/A	N/A	N/A	N/A	4283	-1167	N/A	N/A
Marmaton	4964	-1840	5007	-1883	4962	-1846	6	-37
Cherokee	5138	-2014	5170	-2046	5123	-2007	-7	-39
Morrow	5682	-2558	5698	-2574	5630	-2514	-44	-60
St. Gen	6242	-3118	6255	-3131	6160	-3044	-74	-87
St. Louis	6380	-3256	6387	-3263	6300	-3184	-72	-79
B Zone	6433	-3309	6433	-3309	6348	-3232	-77	-77
Total Depth	6530	-3406	6522	-3398	6500	-3384	-22	-14

ROCK TYPES



ACCESSORIES

MINERAL
△ Chert White

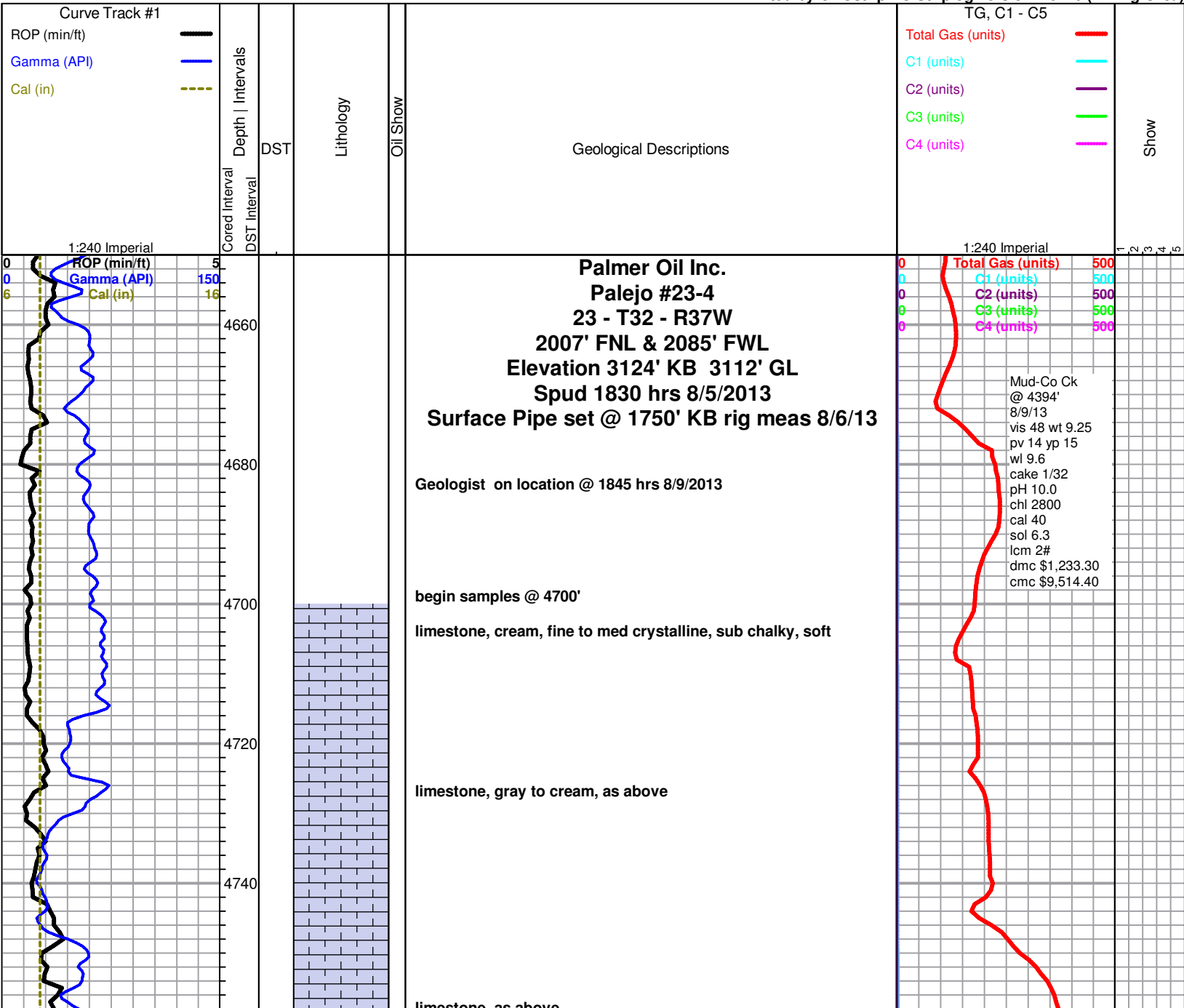
FOSSIL
○ Oolite
⊕ Oomoldic

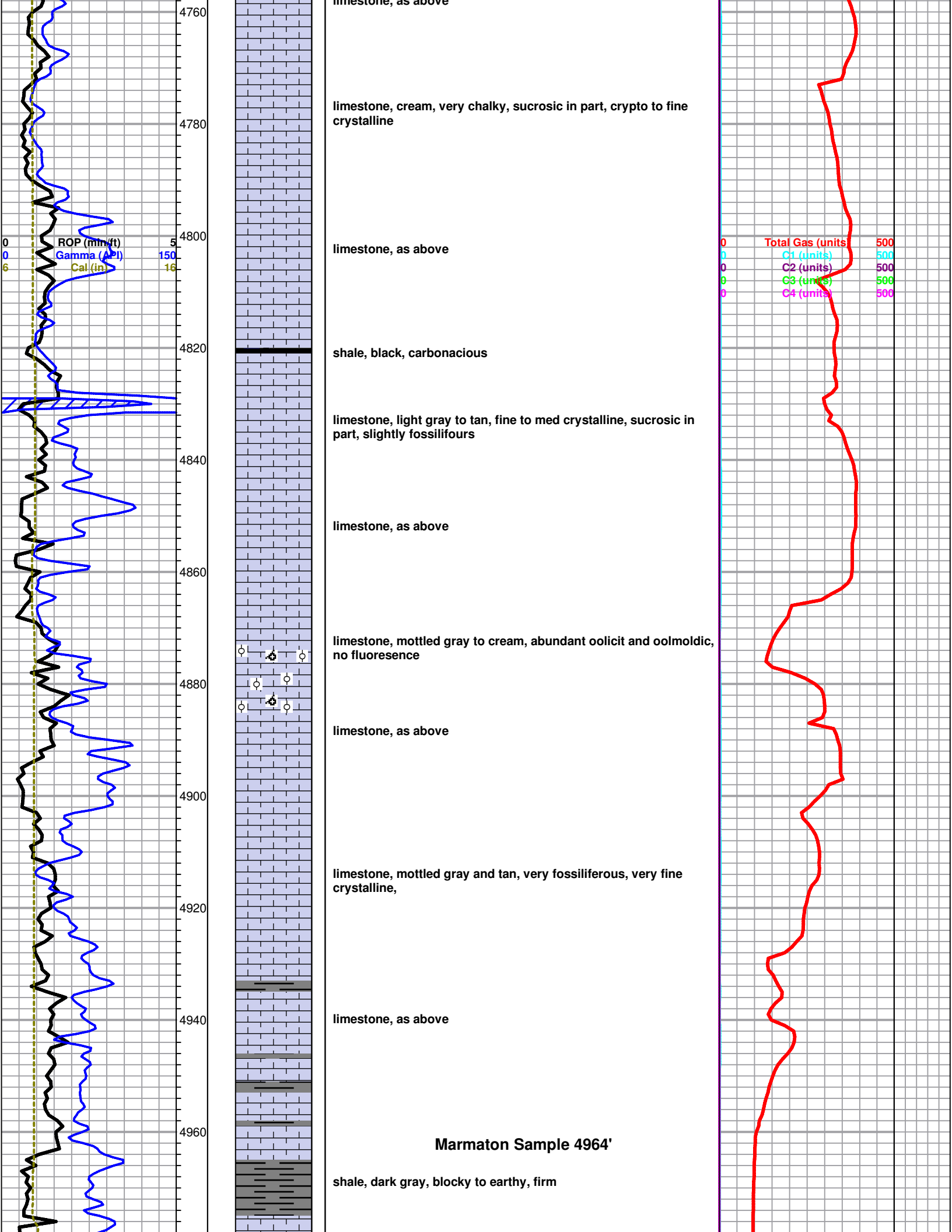
OTHER SYMBOLS

Oil Show
● Good Show
● Fair Show
● Poor Show
○ Spotted or Trace
○ Questionable Stn
D Dead Oil Stn
■ Fluorescence
* Gas

DST
■ DST Int
■ DST alt
■ Core
|| tail pipe

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





limestone, as above

limestone, cream, very chalky, sucrosic in part, crypto to fine crystalline

limestone, as above

shale, black, carbonacious

limestone, light gray to tan, fine to med crystalline, sucrosic in part, slightly fossilifours

limestone, as above

limestone, mottled gray to cream, abundant oolicit and oolmoldic, no fluorescence

limestone, as above

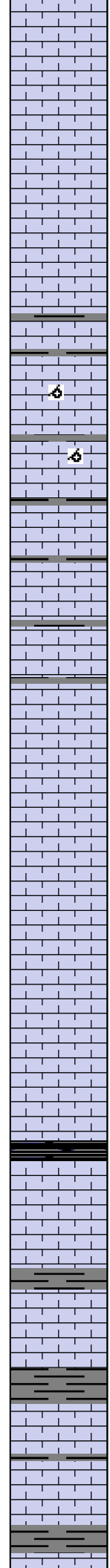
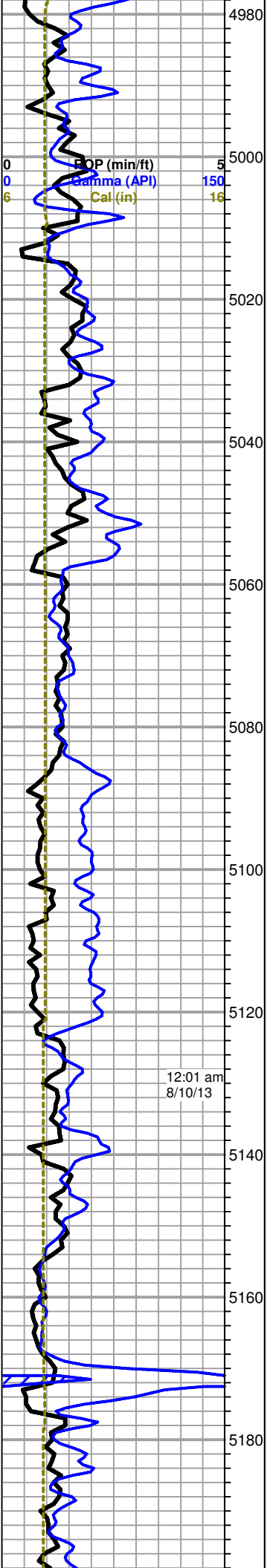
limestone, mottled gray and tan, very fossiliferous, very fine crystalline,

limestone, as above

Marmaton Sample 4964'

shale, dark gray, blocky to earthy, firm

0 Total Gas (units) 500
 0 C1 (units) 500
 0 C2 (units) 500
 0 C3 (units) 500
 0 C4 (units) 500



limestone, gray to cream, micro to fine crystalline, hard, chalky

Marmaton E-Log 5007' (-1840')

limestone, as above

limestone as above, with scattered ool-moldic ls

shale, stringers, silty, dark gray

limestone, mottled brown and tan, fossiliferous

limestone, tan to light cream, very fine crystalline, scattered fossiliferous

limestone, as above

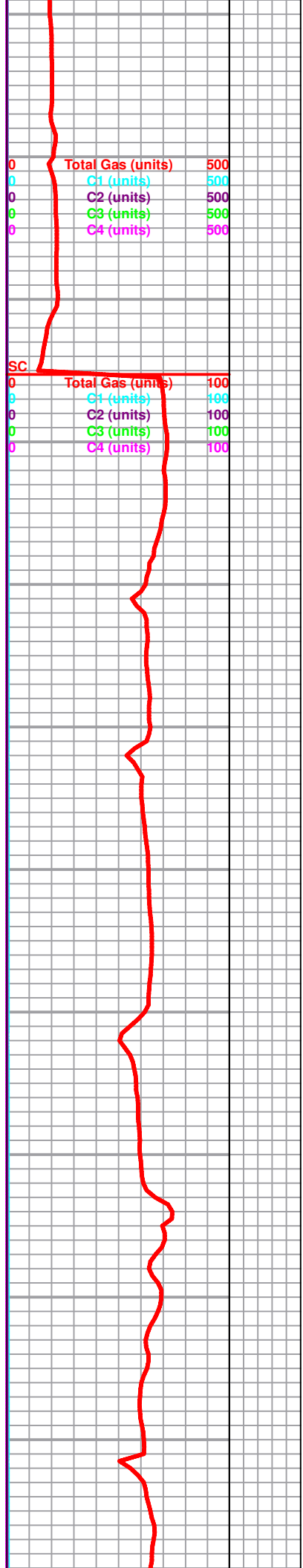
limestone, as above

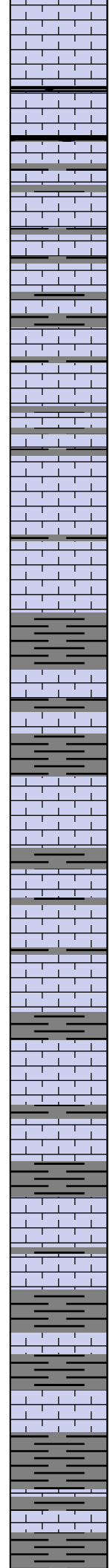
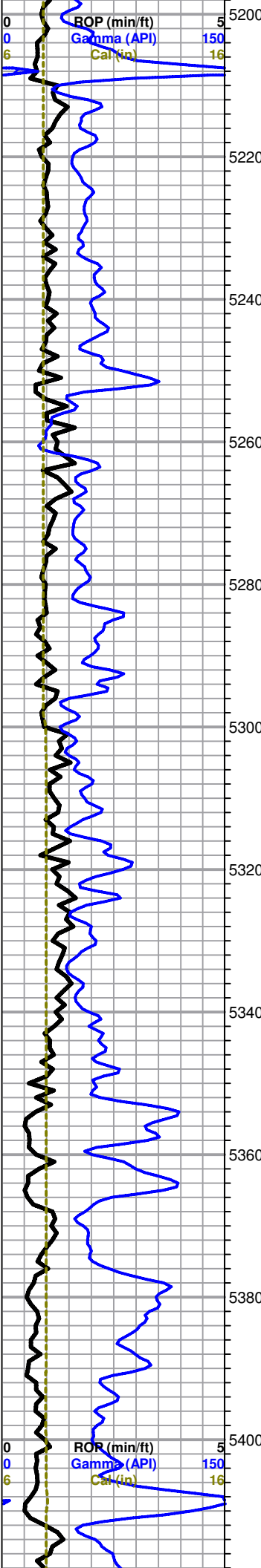
shale, dark gray, carboniferous

Cherokee 5138' E-Log 5170' (-2014')

shale, dark gray, silty, blocky, firm, limey

limestone, cream, microcrystalline, firm





limestone, as above

limestone, gray to cream, mottled in part, crypto to microcrystalline, slightly fossiliferous, with abundant shale as above

limestone, as above

limestone, cream to tan, fossiliferous, crypto to fine crystalline, scattered oolitic ls

shale, dark gray, silty, blocky, firm

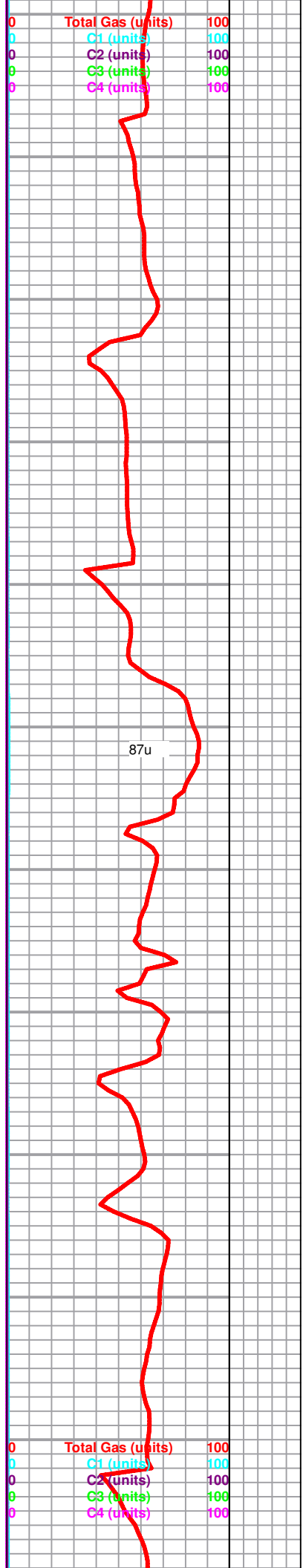
limestone, as above

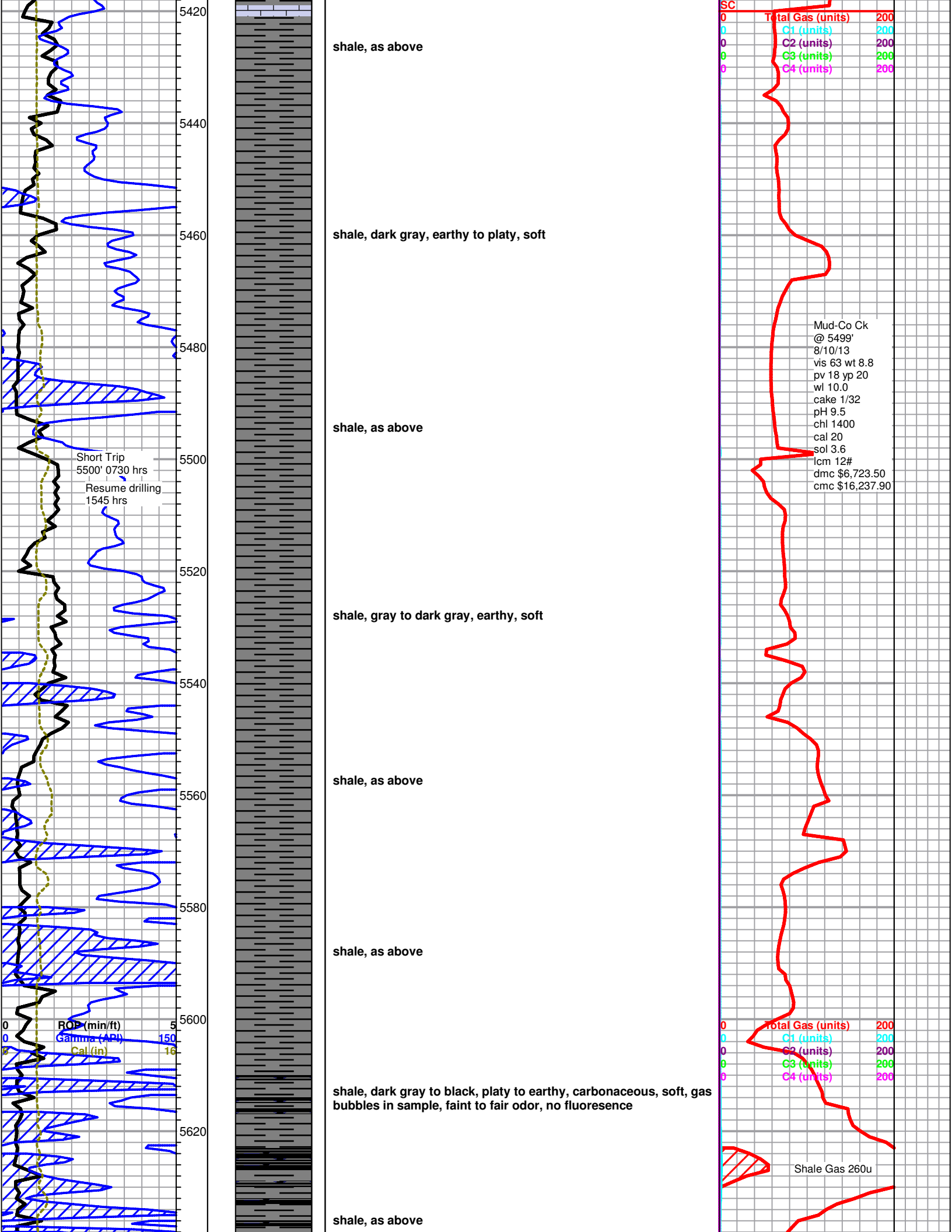
limestone, brown to tan, mottled in part, mostly fossiliferous, firm, no fluorescence

shale, dark gray, silty, blocky, firm

shale, as above

shale, as above, with scattered limestone, as above





shale, as above

shale, dark gray, earthy to platy, soft

shale, as above

shale, gray to dark gray, earthy, soft

shale, as above

shale, as above

shale, dark gray to black, platy to earthy, carbonaceous, soft, gas bubbles in sample, faint to fair odor, no fluorescence

shale, as above

0	Total Gas (units)	200
0	C1 (units)	200
0	C2 (units)	200
0	C3 (units)	200
0	C4 (units)	200

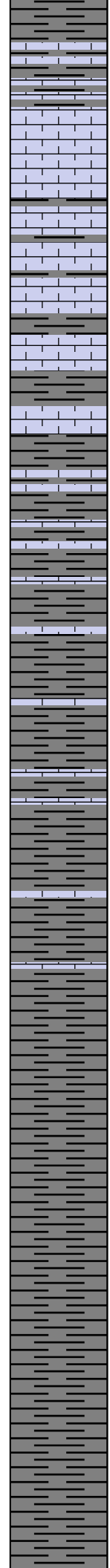
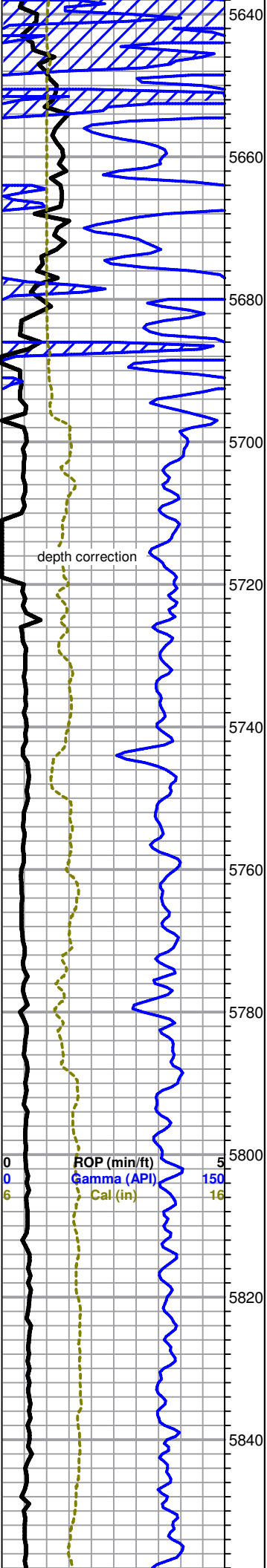
Mud-Co Ck
 @ 5499'
 8/10/13
 vis 63 wt 8.8
 pv 18 yp 20
 wl 10.0
 cake 1/32
 pH 9.5
 chl 1400
 cal 20
 sol 3.6
 lcm 12#
 dmc \$6,723.50
 cmc \$16,237.90

0	Total Gas (units)	200
0	C1 (units)	200
0	C2 (units)	200
0	C3 (units)	200
0	C4 (units)	200

Shale Gas 260u

Short Trip
 5500' 0730 hrs
 Resume drilling
 1545 hrs

ROP (min/ft)
 Gamma (API)
 Cal (in)



limestone, tan to gray, mottled, very fine crystalline, hard

limestone, as above, increased shale

Morrow 5682' E-Log 5698' (-2558')

shale, gray, earthy to blocky, silty, firm, scattered pyrite, carrying abundant limestone

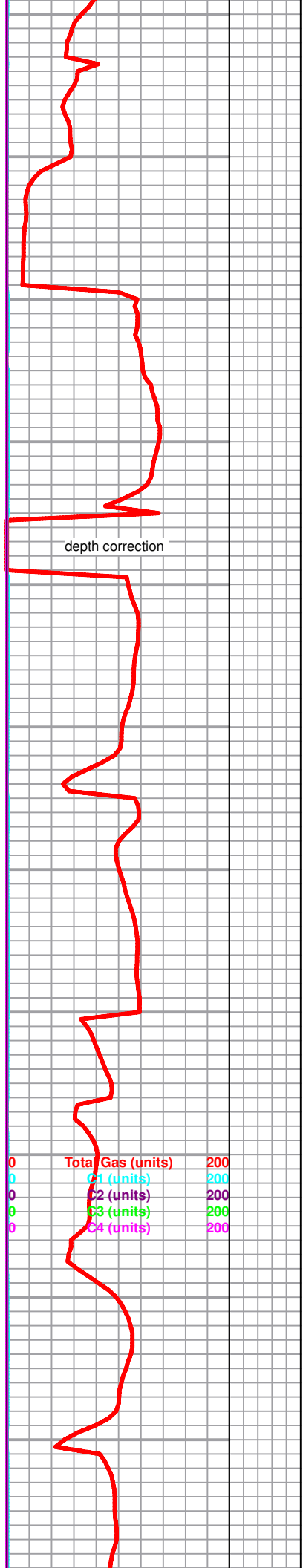
shale, as above

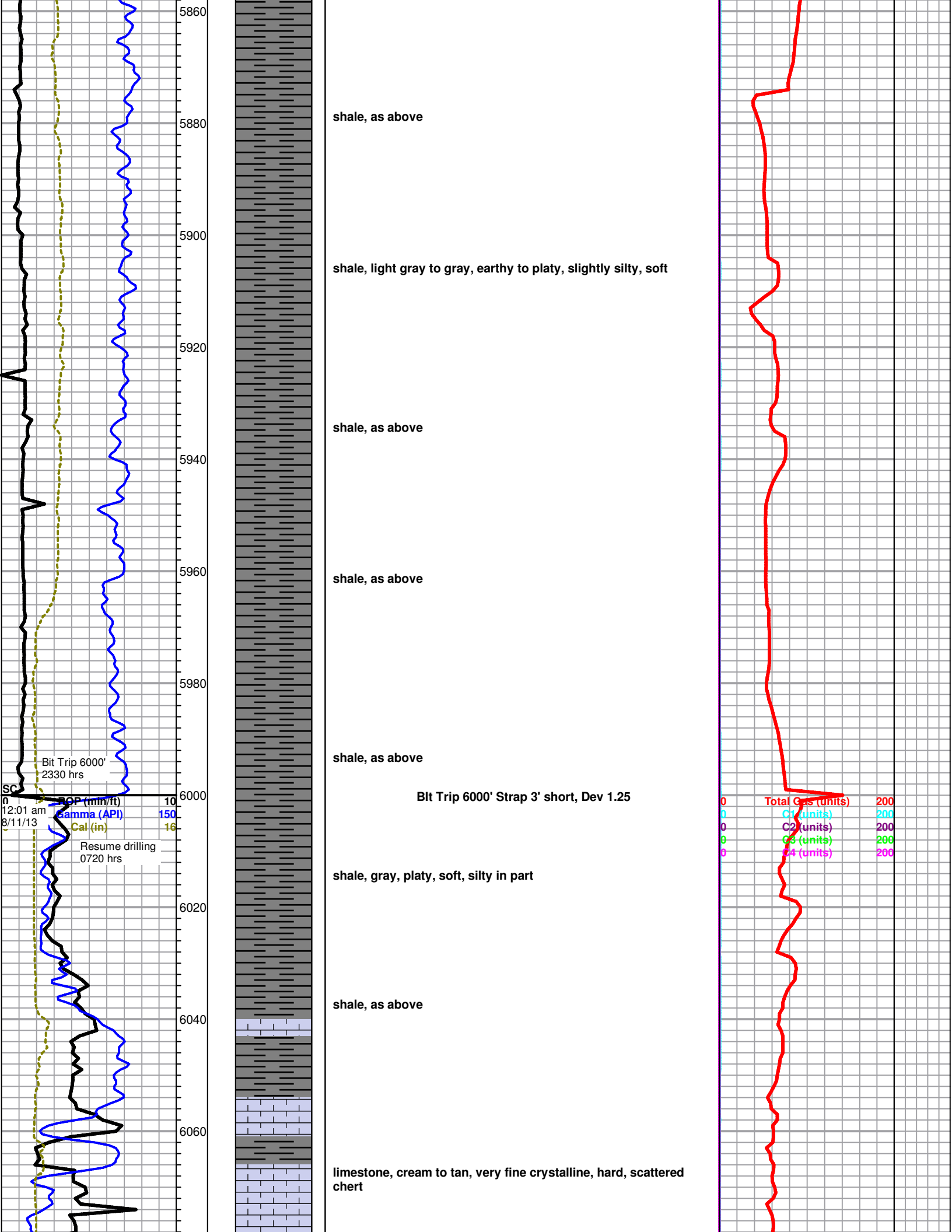
shale, as above

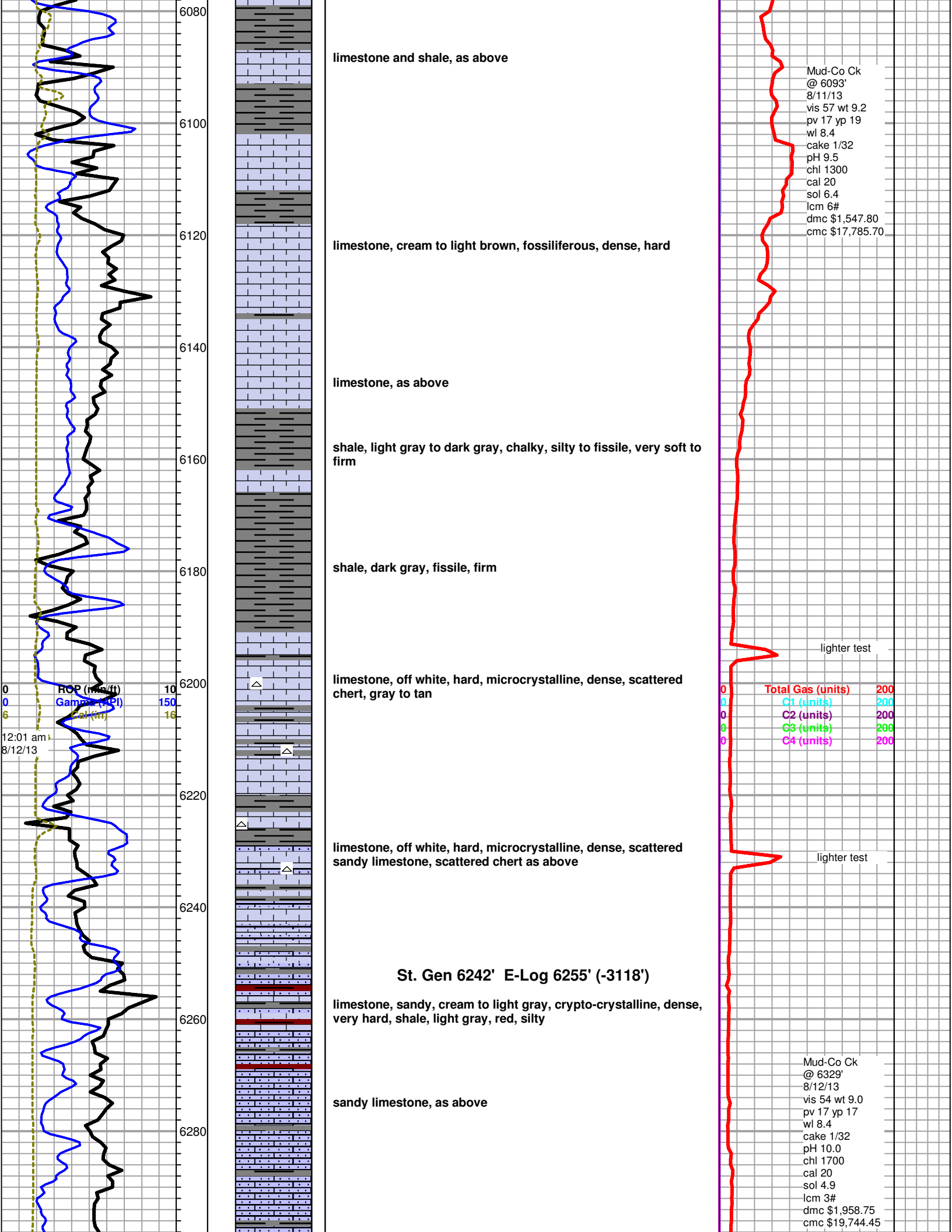
shale, gray to light gray, earthy, silty, firm

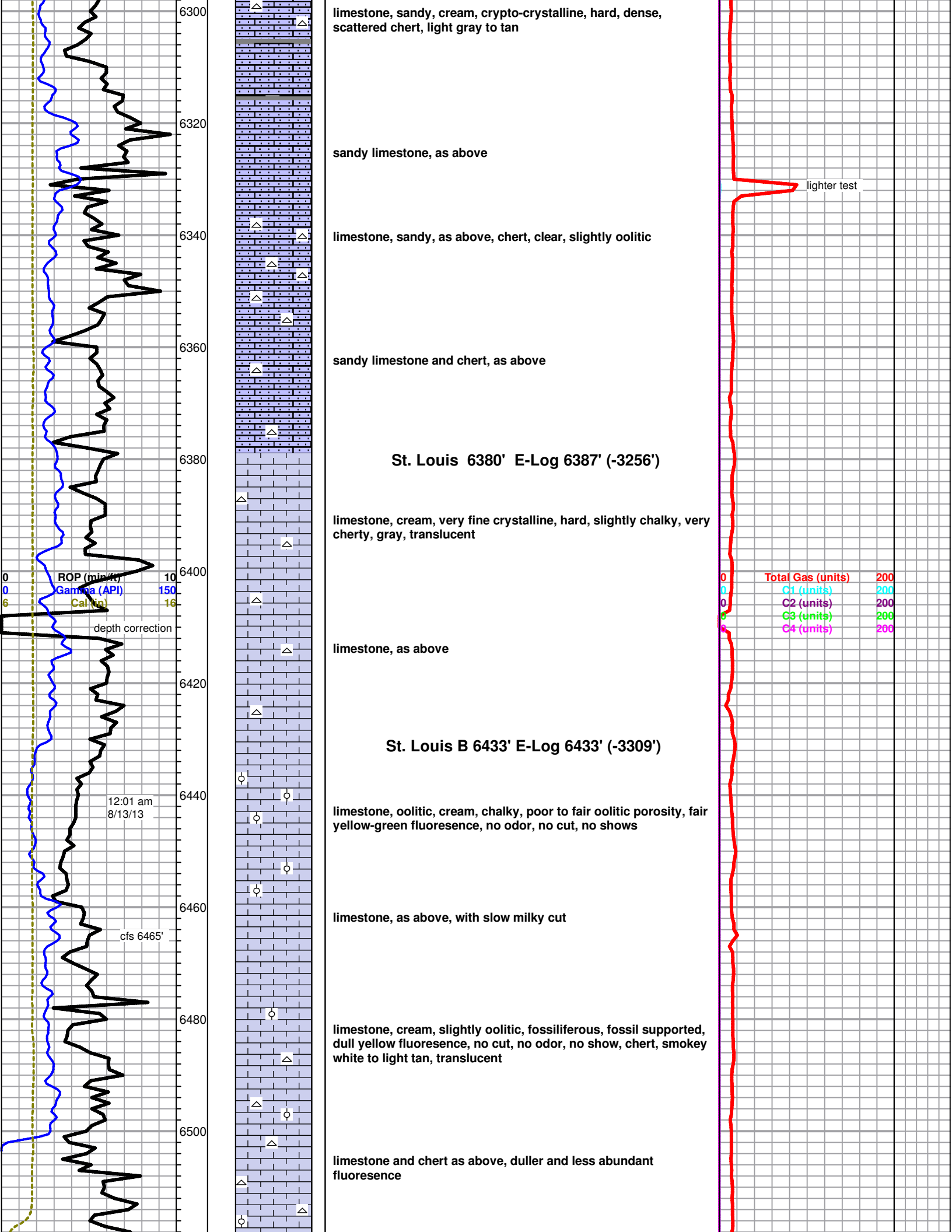
shale, as above

shale, as above









limestone, sandy, cream, crypto-crystalline, hard, dense, scattered chert, light gray to tan

sandy limestone, as above

limestone, sandy, as above, chert, clear, slightly oolitic

sandy limestone and chert, as above

St. Louis 6380' E-Log 6387' (-3256')

limestone, cream, very fine crystalline, hard, slightly chalky, very cherty, gray, translucent

limestone, as above

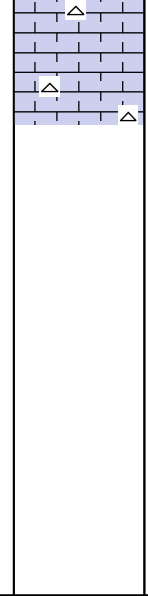
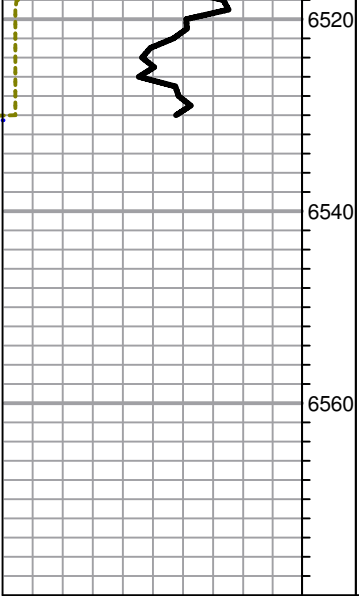
St. Louis B 6433' E-Log 6433' (-3309')

limestone, oolitic, cream, chalky, poor to fair oolitic porosity, fair yellow-green fluorescence, no odor, no cut, no shows

limestone, as above, with slow milky cut

limestone, cream, slightly oolitic, fossiliferous, fossil supported, dull yellow fluorescence, no cut, no odor, no show, chert, smokey white to light tan, translucent

limestone and chert as above, duller and less abundant fluorescence



limestone and chert, as above

TD @ 0900 hrs 8/13/13 6530' (-3406')
Pioneer TD 6522' (-3398')
Complete Logging Operations @ 0100 hrs
Geologist released and off location @0200 hrs
8/14/13

