KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1056095

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5316
Name: Falcon Exploration, Inc.
Address 1: 125 N MARKET STE 1252
Address 2:
City: WICHITA State: KS Zip: 67202 + 1719
Contact Person: MICHEAL S MITCHELL
Phone: (316) 262-1378
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: KEITH REAVIS
Purchaser: NA

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [x] 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 #:

02/05/2011	02/19/2011	02/20/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-069-20338-00-00
Spot Description:
NE - SW - SE - SE Sec. 5 Twp. 28 S. R. 30 [ ] East [x] West
380 Feet from [ ] North / [x] South Line of Section
850 Feet from [x] East / [ ] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [ ] NE
- [ ] NW
- [x] SE
- [ ] SW

County: Gray
Lease Name: ROBERT JOSSERAND Well #: 1-5(SE)
Field Name: WC
Producing Formation: NA
Elevation: Ground: 2810 Kelly Bushing: 2823
Total Depth: 5545 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1878 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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

- [x] **Letter of Confidentiality Received**
  Date: 05/19/2011
- [x] **Confidential Release Date:** 05/18/2013
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] **I** [ ] **II** [ ] **III** **Approved by:** NAOMI JAMES **Date:** 05/19/2011

Side Two

1056095

Operator Name: Falcon Exploration, Inc. Lease Name: ROBERT JOSSERAND Well #: 1-5(SE)

Sec. 5 Twp. 28 S. R. 30 ☐ East ☑ West County: Gray

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

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	24	1878	65/35;CLASS A	825	2% GEL, 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

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

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	ROBERT JOSSERAND 1-5(SE)
Doc ID	1056095

All Electric Logs Run

MEL
DIL
BHCS
CDL/CNL

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	ROBERT JOSSERAND 1-5(SE)
Doc ID	1056095

Tops

Name	Top	Datum
STOTLER	3542	-719
TARKIO	3616	-793
LANSING	4250	-1427
STARK	4614	-1791
CHEROKEE	4888	-2065
MORROW	5094	-2271
MISS ST GEN	5210	-2387
MISS ST LOUIS B	5324	-2501

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

Kansas
Corporation Commission

phone: 316-337-6200
fax: 316-337-6211
http://kcc.ks.gov/

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Sam Brownback, Governor

May 19, 2011

MICHEAL S MITCHELL
Falcon Exploration, Inc.
125 N MARKET STE 1252
WICHITA, KS 67202-1719

Re: ACO1
API 15-069-20338-00-00
ROBERT JOSSERAND 1-5(SE)
SE/4 Sec.05-28S-30W
Gray 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,
MICHEAL S MITCHELL

Company	**Falcon Exploration, Inc.**	Lease Name	**Robert Josserand (SE)**		
Address	**125 N. Market, Ste. 1252**	Lease #	**1-5**		
CSZ	**Wichita, KS 67202**	Legal Desc	**NE-SW-SE-SE**	Job Ticket	**2140**
Attn.	**Keith Reavis**	Section	**5**	Range	**39W**
		Township	**28S**		
		County	**Gray**	State	**KS**
		Drilling Cont	**Sterling Drilling Co. Rig #5**		

Comments **Legal Description Feet: 380' FSL & 850' FEL**

GENERAL INFORMATION

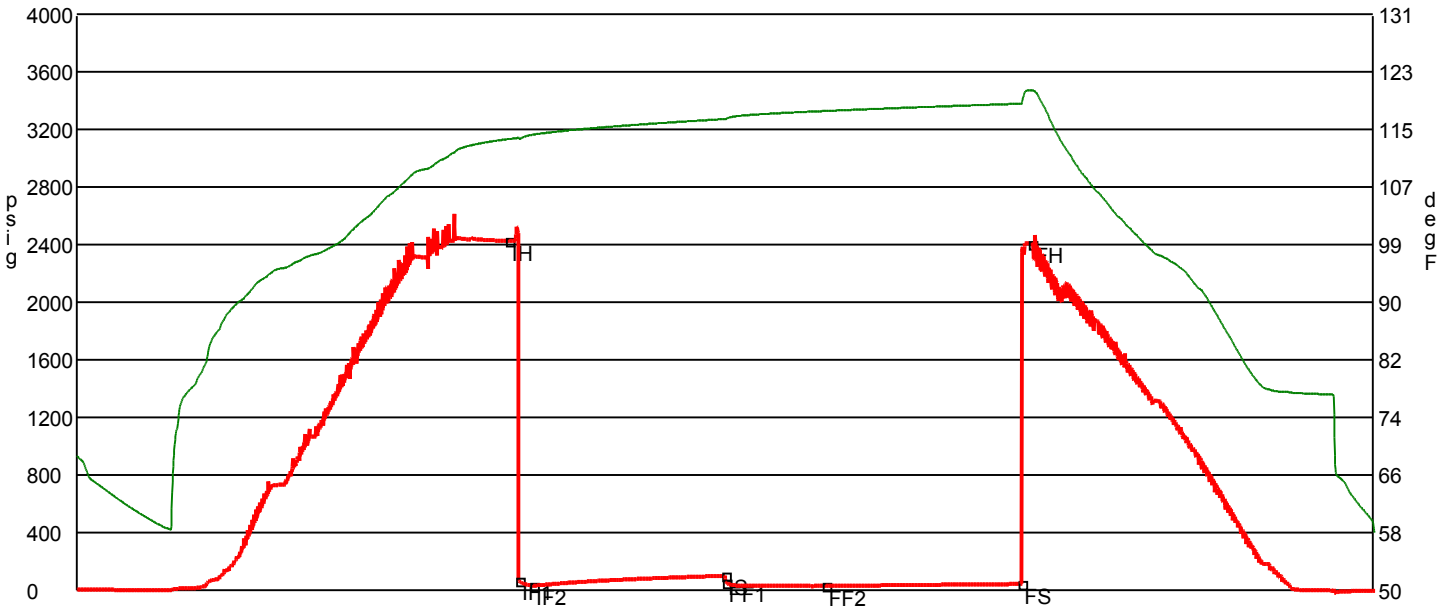
				Chokes	**3/4**	Hole Size	**7 7/8**
Test #	**1**	Test Date	**2/17/2011**	Top Recorder #	**W1119**		
Tester	**Tim Venters**			Mid Recorder #	**W1022**		
Test Type	**Conventional Bottom Hole Successful Test**			Bott Recorder #	**13310**		
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**236**	Approved By	
				Standby Time	**0**		
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars & Safety joint**		
Mud Weight	**9.3**	Viscosity	**50.0**	Time on Site	**7:40 PM**		
Filtrate	**7.6**	Chlorides	**1200**	Tool Picked Up	**10:25 PM**		
				Tool Layed Dwn	**7:20 AM**		
Drill Collar Len	**337.0**						
Wght Pipe Len	**0**			Elevation	**2810.00**	Kelley Bushings	**2823.00**
Formation	**Morrow**			Start Date/Time	**2/17/2011 9:25 PM**		
Interval Top	**5086.0**	Bottom	**5142.0**	End Date/Time	**2/18/2011 7:26 AM**		
Anchor Len Below	**56.0**	Between	**0**				
Total Depth	**5142.0**						

Blow Type **Weak surface blow throughout the intial flow period. Very weak surface blow thr oughout the final flow period. Times: 5, 90, 45, 92.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
20	Mud with spots of oil	0% 0ft	trace	0% 0ft	100%20ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	2/18/2011 12:44:30 AM	3.325	2428.06	113.487	Initial Hydro-static
IF1	2/18/2011 12:49:10 AM	3.402778	66.978	113.526	Initial Flow (1)
IF2	2/18/2011 12:55:50 AM	3.513889	34.49	114.113	Initial Flow (2)
IS	2/18/2011 2:24:50 AM	4.997222	102.159	116.296	Initial Shut-In
FF1	2/18/2011 2:25:20 AM	5.005556	57.192	116.32	Final Flow (1)
FF2	2/18/2011 3:11:40 AM	5.777778	31.154	117.432	Final Flow (2)
FS	2/18/2011 4:42:40 AM	7.294444	45.16	118.455	Final Shut-In
FH	2/18/2011 4:47:30 AM	7.375	2407.003	120.318	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke

Company	**Falcon Exploration, Inc.**	Lease Name	**Robert Josserand (SE)**		
Address	**125 N. Market, Ste. 1252**	Lease #	**1-5**		
CSZ	**Wichita, KS 67202**	Legal Desc	**NE-SW-SE-SE**	Job Ticket	**2140**
Attn.	**Keith Reavis**	Section	**5**	Range	**39W**
		Township	**28S**		
		County	**Gray**	State	**KS**
		Drilling Cont	**Sterling Drilling Co. Rig #5**		

Comments **Legal Description Feet: 380' FSL & 850' FEL**

GENERAL INFORMATION

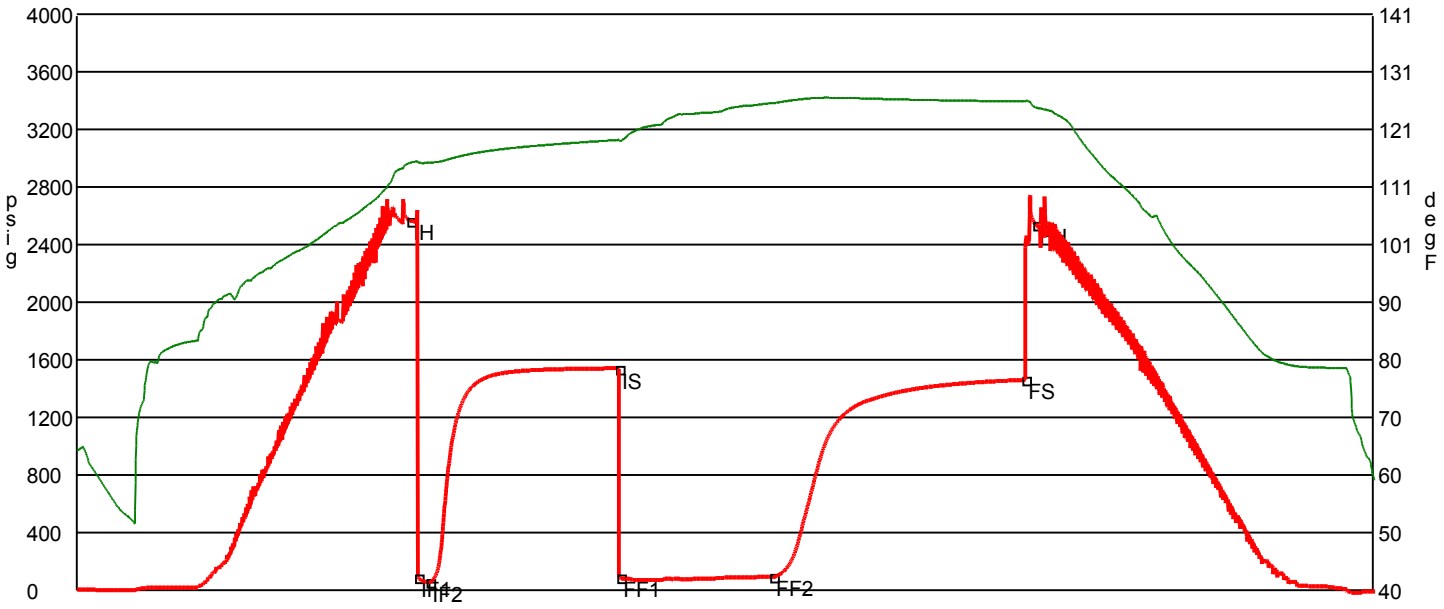
				Chokes	**3/4**	Hole Size	**7 7/8**
Test #	**2**	Test Date	**2/18/2011**	Top Recorder #	**W1119**		
Tester	**Tim Venters**			Mid Recorder #	**W1022**		
Test Type	**Conventional Bottom Hole Successful Test**			Bott Recorder #	**13310**		
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**236**	Approved By	
				Standby Time	**0**		
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars & Safety joint**		
Mud Weight	**9.3**	Viscosity	**62.0**	Time on Site	**7:45 AM**		
Filtrate	**7.2**	Chlorides	**3800**	Tool Picked Up	**9:05 AM**		
				Tool Layed Dwn	**6:45 PM**		
Drill Collar Len	**337.0**						
Wght Pipe Len	**0**			Elevation	**2810.00**	Kelley Bushings	**2823.00**
Formation	**Miss.-St. Louis**			Start Date/Time	**2/18/2011 8:27 AM**		
Interval Top	**5285.0**	Bottom	**5347.0**	End Date/Time	**2/18/2011 6:47 PM**		
Anchor Len Below	**62.0**	Between	**0**				
Total Depth	**5347.0**						

Blow Type **Weak surface blow at the start of the intial flow period, building to 1/2 inch. Very weak surface blow at the start of the final flow period, building to 5 inc hes. Times: 5, 90, 75, 120.**

RECOVERY

Feet	Description	Gas		Oil		Water		Mud	
120	Very slight oil cut mud	0%	0ft	3%	3.6ft	0%	0ft	97%	116.4ft

DST Fluids **0**



	Date	Time	Pressure	Temp	
IH	2/18/2011 11:05:30 AM	2.641667	2568.078	114.99	Initial Hydro-static
IF1	2/18/2011 11:09:20 AM	2.705556	88.844	115.061	Initial Flow (1)
IF2	2/18/2011 11:14:50 AM	2.797222	58.474	115.005	Initial Flow (2)
IS	2/18/2011 12:45:30 PM	4.308333	1539.727	119.011	Initial Shut-In
FF1	2/18/2011 12:46:10 PM	4.319444	89.535	118.85	Final Flow (1)
FF2	2/18/2011 1:59:20 PM	5.538889	96.124	125.441	Final Flow (2)
FS	2/18/2011 4:00:10 PM	7.552778	1463.008	125.745	Final Shut-In
FH	2/18/2011 4:05:20 PM	7.638889	2541.144	124.681	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke

OPERATOR

Company:	Falcon Exploration, Inc		
Address:	125 N. Market Suite 1252 Wichita, KS 67202		
Contact Geologist:	Brian Fisher		
Contact Phone Nbr:	316-262-1378		
Well Name:	R. Josserand #1-5		
Location:	Sec. 5 - T28S - R30W	API:	15-069-20338-0000
Pool:		Field:	
State:	Kansas	Country:	USA

Scale 1:240 Imperial

Well Name:	R. Josserand #1-5		
Surface Location:	Sec. 5 - T28S - R30W		
Bottom Location:			
API:	15-069-20338-0000		
License Number:	5822		
Spud Date:	2/5/2011	Time:	12:00 AM
Region:	Gray County		
Drilling Completed:	2/19/2011	Time:	4:45 PM
Surface Coordinates:	380' FSL & 850' FEL		
Bottom Hole Coordinates:			
Ground Elevation:	2810.00ft		
K.B. Elevation:	2823.00ft		
Logged Interval:	2600.00ft	To:	5545.00ft
Total Depth:	5545.00ft		
Formation:	Mississippian		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:		Latitude:	
N/S Co-ord:	380' FSL		
E/W Co-ord:	850' FEL		

LOGGED BY

Keith Reavis
Consulting Geologist

Company:	KLG #136		
Address:	3420 22nd Street Great Bend, KS 67530		
Phone Nbr:	620-617-4091		
Logged By:	Geologist	Name:	Keith Reavis

CONTRACTOR

Contractor:	Sterling Drilling Company		
Rig #:	5		
Rig Type:	mud rotary		
Spud Date:	2/5/2011	Time:	12:00 AM
TD Date:	2/19/2011	Time:	4:45 PM
Rig Release:		Time:	

ELEVATIONS

K.B. Elevation:	2823.00ft	Ground Elevation:	2810.00ft
K.B. to Ground:	13.00ft		

NOTES

Based on the results of Drill Stem Tests and Electrical Log analysis, it was recommended and agreed upon by all parties that the R. Josserand #1-5 be plugged and abandoned as a dry test.

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

Sample Library located in Wichita, KS.

Respectfully submitted
Keith Reavis

Falcon Exploration, Inc.

Daily Drilling Report

DATE	7:00 AM DEPTH	REMARKS
2/11/2011		Geologist Keith Reavis on location @ 1330 hrs, 2811 ft., drilling ahead Towanda, Ft. Riley
2/12/2011	3244	drilling ahead, Cottonwood, Neva, Foraker, Stotler, Tarkio
2/13/2011	3840	drilling ahead, Tarkio, Bern, Topeka, Lecompton, Heebner, Douglas
2/14/2011	4365	drilling ahead, Lansing, lower LKC, Stark
2/15/2011	4776	drilling ahead, lower LKC, Marmaton, Pawnee, Cherokee
2/16/2011	5050	drilling Cherokee, stop, run short trip @ 5050', resume drilling 0825 hrs cut Morrow, show in Morrow, warrants DST, TOH for DST
2/17/2011	5142	conducting DST #1, successful test, TIH w/bit, resume drilling
2/18/2011	5347	drilling Miss, show in St. Louis warrants DST, TOH for DST #2, conducting DST #2, successful test, TIH w/bit, resume drilling
2/19/2011	5443	drilling ahead, Mississippian, TD in Salem 5545' @ 1645 hrs, the log truck late, breakdown, rig up loggers, conduct logging operations
2/20/2011	5545	complete logging operations, geologist off location @ 0620 hrs

Falcon Exploration, Inc.

Well Comparison Sheet

	DRILLING WELL R. Josserand #1-5 380' FSL & 850' FEL Sec. 5 T28S R30W 2823 KB				COMPARISON WELL Lanterman #1-8 2030' FNL & 370' FEL Sec. 8 T28S R30W 2821 KB				COMPARISON WELL K. Dirks #1-8 2090' FSL & 440' FEL Sec. 8 T28S R30W 2819 KB			
							Structural Relationship				Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Chase	2692	131	2690	133	2684	137	-6	-4	2683	136	-5	-3
Winfield	2762	61	2761	62	2755	66	-5	-4	2752	67	-6	-5
Towanda	2808	15	2806	17	2798	23	-8	-6	2796	23	-8	-6
Ft. Riley	2863	-40	2861	-38	2853	-32	-8	-6	2851	-32	-8	-6
Neva	3185	-362	3186	-363	3176	-355	-7	-8	3172	-353	-9	-10
Foraker	3295	-472	3295	-472	3286	-465	-7	-7	3290	-471	-1	-1
Stotler	3541	-718	3541	-718	3532	-711	-7	-7	3530	-711	-7	-7

Tarkio	3618	-795	3616	-793	3603	-782	-13	-11	3602	-783	-12	-10
Topeka	3814	-991	3812	-989	3804	-983	-8	-6	3800	-981	-10	-8
Lecompton	3976	-1153	3976	-1153	3967	-1146	-7	-7	3965	-1146	-7	-7
Heebner	4151	-1328	4150	-1327	4146	-1325	-3	-2	4146	-1327	-1	0
Lansing	4252	-1429	4249	-1426	4249	-1428	-1	2	4251	-1432	3	6
Stark	4614	-1791	4613	-1790	4606	-1785	-6	-5	4610	-1791	0	1
Marmaton	4746	-1923	4746	-1923	4743	-1922	-1	-1	4741	-1922	-1	-1
Pawnee	4843	-2020	4843	-2020	4837	-2016	-4	-4	4841	-2022	2	2
Cherokee	4889	-2066	4887	-2064	4881	-2060	-6	-4	4885	-2066	0	2
Morrow	5095	-2272	5094	-2271	5089	-2268	-4	-3	5093	-2274	2	3
Miss Chester	5136	-2313	5138	-2315	5151	-2330	17	15	5144	-2325	12	10
Miss St. Gen.	5215	-2392	5210	-2387	5244	-2423	31	36	5216	-2397	5	10
St. Louis B por	5326	-2503	5324	-2501	5345	-2524	21	23	5342	-2523	20	22
Salem	5477	-2654	5473	-2650					5497	-2678	24	28
Total Depth	5545	-2722	5547	-2724	5406	-2585	-137	-139	5528	-2709	-13	-15

Drill Stem Test #1

RICKETTS TESTING (620) 326-5830 Page 1

Company	Falcon Exploration, Inc.	Lease Name	Robert Josserand (SE)
Address	125 N. Market, Ste. 1252	Lease #	1-5
CSZ	Wichita, KS 67202	Legal Desc	NE-SW-SE-SE
Attn.	Keith Reavis	Section	5
		Township	28S
		County	Gray
		Drilling Cont	Sterling Drilling Co. Rig #5

Job Ticket 2140 Range 39W State KS

Comments **Legal Description Feet: 380' FSL & 850' FEL**

GENERAL INFORMATION

Test #	1	Test Date	2/17/2011
Tester	Tim Venters		
Test Type	Conventional Bottom Hole Successful Test		
# of Packers	2.0	Packer Size	6 3/4
Mud Type	Gel Chem		
Mud Weight	9.3	Viscosity	50.0
Filtrate	7.6	Chlorides	1200
Drill Collar Len	337.0		
Wght Pipe Len	0		
Formation	Morrow		
Interval Top	5086.0	Bottom	5142.0
Anchor Len Below	56.0	Between	0
Total Depth	5142.0		

Chokes 3/4 Hole Size 7 7/8
Top Recorder # W1119
Mid Recorder # W1022
Bott Recorder # 13310

Mileage 236 Approved By
Standby Time 0
Extra Equipmnt Jars & Safety joint
Time on Site 7:40 PM
Tool Picked Up 10:25 PM
Tool Layed Dwn 7:20 AM

Elevation 2810.00 Kelley Bushings 2823.00

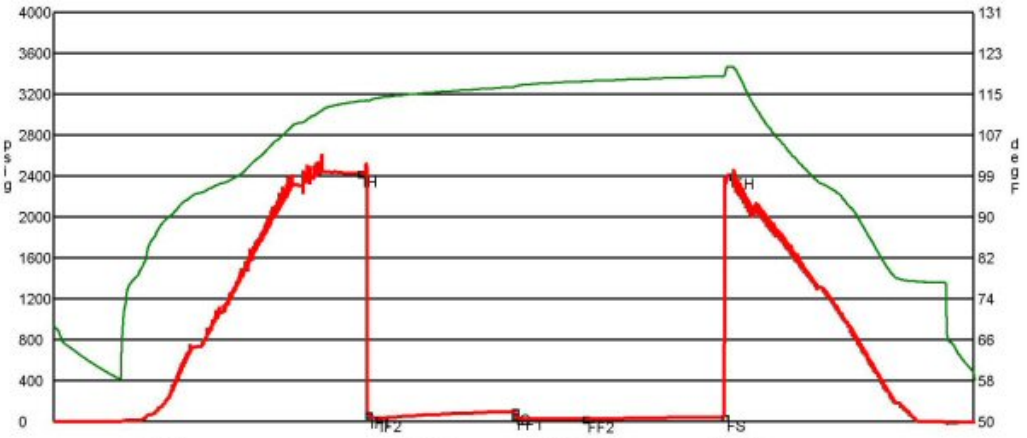
Start Date/Time 2/17/2011 9:25 PM
End Date/Time 2/18/2011 7:26 AM

Blow Type **Weak surface blow throughout the intial flow period. Very weak surface blow throughout the final flow period. Times: 5, 90, 45, 92.**

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
20	Mud with spots of oil	0% 0ft	trace	0% 0ft	100%20ft

DST Fluids 0



	Date	Time	Pressure	Temp	
IH	2/18/2011 12:44:30 AM	3.325	2428.06	113.487	Initial Hydro-static
IF1	2/18/2011 12:49:10 AM	3.402778	66.978	113.526	Initial Flow (1)
IF2	2/18/2011 12:55:50 AM	3.513889	34.49	114.113	Initial Flow (2)

IS	2/18/2011 2:24:50 AM	4.997222	102.159	116.296	Initial Shut-In
FF1	2/18/2011 2:25:20 AM	5.005556	57.192	116.32	Final Flow (1)
FF2	2/18/2011 3:11:40 AM	5.777778	31.154	117.432	Final Flow (2)
FS	2/18/2011 4:42:40 AM	7.294444	45.16	118.455	Final Shut-In
FH	2/18/2011 4:47:30 AM	7.375	2407.003	120.318	Final Hydro-static

Drill Stem Test #2

RICKETTS TESTING (620) 326-5830 Page 1

Company	**Falcon Exploration, Inc.**	Lease Name	**Robert Josserand (SE)**
Address	**125 N. Market, Ste. 1252**	Lease #	**1-5**
CSZ	**Wichita, KS 67202**	Legal Desc	**NE-SW-SE-SE** Job Ticket **2140**
Attn.	**Keith Reavis**	Section	**5** Range **39W**
		Township	**28S**
		County	**Gray** State **KS**
		Drilling Cont	**Sterling Drilling Co. Rig #5**
Comments	**Legal Description Feet: 380' FSL & 850' FEL**		

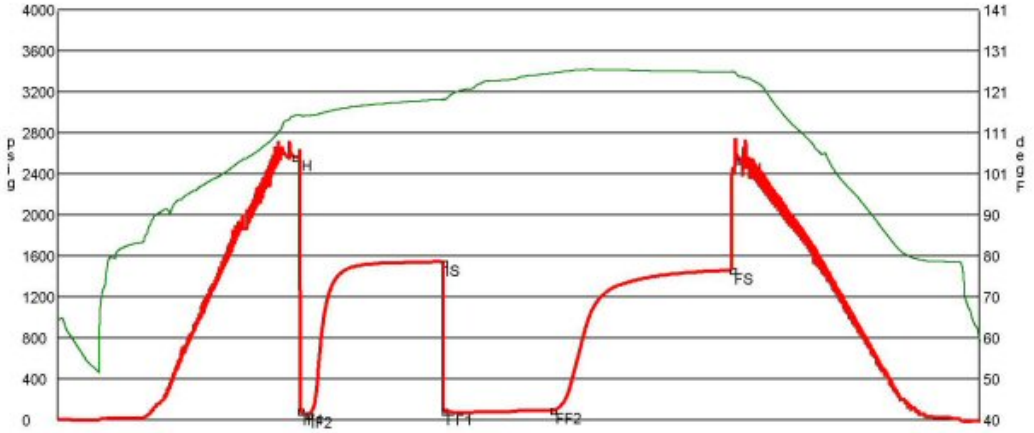
GENERAL INFORMATION

Test #	**2**	Test Date	**2/18/2011**	Chokes	**3/4** Hole Size **7 7/8**
Tester	**Tim Venters**			Top Recorder #	**W1119**
Test Type	**Conventional Bottom Hole Successful Test**			Mid Recorder #	**W1022**
				Bott Recorder #	**13310**
# of Packers	**2.0**	Packer Size	**6 3/4**	Mileage	**236** Approved By
				Standby Time	**0**
Mud Type	**Gel Chem**			Extra Equipmnt	**Jars & Safety joint**
Mud Weight	**9.3**	Viscosity	**62.0**	Time on Site	**7:45 AM**
Filtrate	**7.2**	Chlorides	**3800**	Tool Picked Up	**9:05 AM**
				Tool Layed Dwn	**6:45 PM**
Drill Collar Len	**337.0**				
Wght Pipe Len	**0**			Elevation	**2810.00** Kelley Bushings **2823.00**
Formation	**Miss.-St. Louis**			Start Date/Time	**2/18/2011 8:27 AM**
Interval Top	**5285.0**	Bottom	**5347.0**	End Date/Time	**2/18/2011 6:47 PM**
Anchor Len Below	**62.0**	Between	**0**		
Total Depth	**5347.0**				

Blow Type **Weak surface blow at the start of the intial flow period, building to 1/2 inch. Very weak surface blow at the start of the final flow period, building to 5 inc hes. Times: 5, 90, 75, 120.**

RECOVERY

Feet	Description	Gas		Oil		Water		Mud	
120	Very slight oil cut mud	0%	0ft	3%	3.6ft	0%	0ft	97%	116.4ft



	Date	Time	Pressure	Temp	
IH	2/18/2011 11:05:30 AM	2.641667	2568.078	114.99	Initial Hydro-static
IF1	2/18/2011 11:09:20 AM	2.705556	88.844	115.061	Initial Flow (1)
IF2	2/18/2011 11:14:50 AM	2.797222	58.474	115.005	Initial Flow (2)
IS	2/18/2011 12:45:30 PM	4.308333	1539.727	119.011	Initial Shut-In
FF1	2/18/2011 12:46:10 PM	4.319444	89.535	118.85	Final Flow (1)
FF2	2/18/2011 1:59:20 PM	5.538889	96.124	125.441	Final Flow (2)
FS	2/18/2011 4:00:10 PM	7.552778	1463.008	125.745	Final Shut-In
FH	2/18/2011 4:05:20 PM	7.638889	2541.144	124.681	Final Hydro-static

ROCK TYPES

Congl Lmst fw<7 shale, gry Shcol

Congl	Lmst fw<7	shale, gry	Shcol
Dolprim	Lmst fw7>	Carbon Sh	Ss
Dolsec	shale, grn	shale, red	

ACCESSORIES

MINERAL
- Calcareous
- Chert, dark
- Dolomitic
- Glauconite
- Mineral Crystals
- Nodules
- Pyrite
- Sandy
- Chert White
- Argillaceous/Shale

FOSSIL
- Bioclastic or Fragmental
- Bryozoa
- Fossils < 20%
- Oolite
- Pellets
- Plant Remains
- Oomoldic

STRINGER
- Dolomite
- Limestone
- Sandstone
- Shale
- green shale
- red shale

TEXTURE
- C Chalky
- CX Cryptocrystalline
- e Earthy
- L Lithogr

OTHER SYMBOLS

MISC
- Daily Report
- Digital Photo
- Document
- Folder
- Link
- Vertical Log File
- Horizontal Log File
- Core Log File
- Drill Cuttings Rpt

DST
- DST Int
- DST alt

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

Curve Track #1
ROP (min/ft)
Gamma (API)
Cal (in)
1:240 Imperial

Depth | Intervals
Cored Interval
DST Interval

DST

Lithology

Oil Show

Geological Descriptions

TG, C1 - C5
Total Gas (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
1:240 Imperial

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

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

2660
2680
2700
2720

R. Josserand #1-5
380' FSL & 850' FEL
Sec. 5 T28S R30W
Gray County, KS

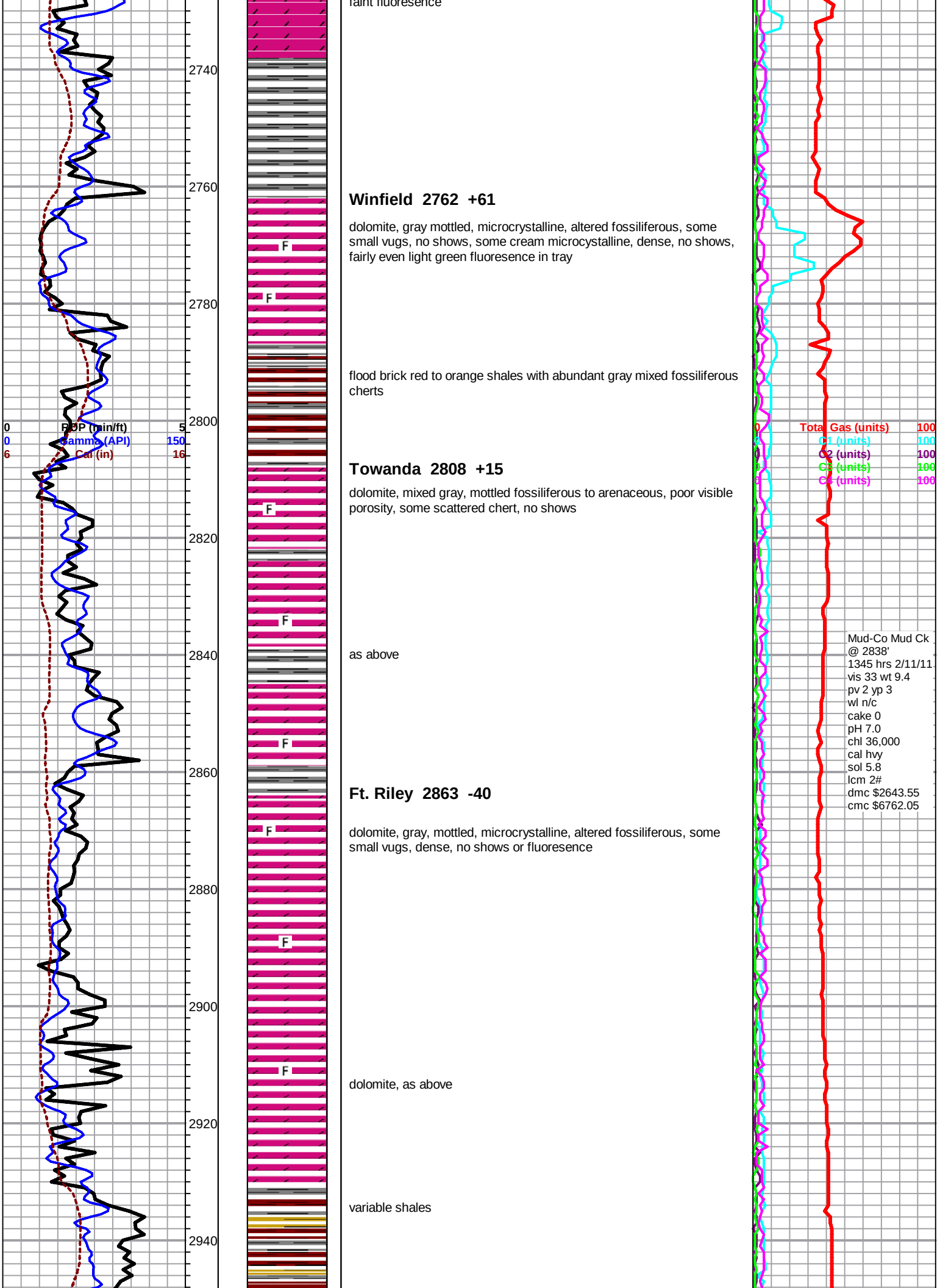
surface casing 8 5/8" @ 1879' KB
elevation 2823' KB

Chase Group 2692 +131

dolomite, gray, soft, arenaceous, no visible porosity, no shows or fluoresence

F

dolomite as above, some gray/black mottled dolomite and cream and gray mottled altered fossiliferous, poor visible porosity, no shows, some



faint fluoresence

Winfield 2762 +61

dolomite, gray mottled, microcrystalline, altered fossiliferous, some small vugs, no shows, some cream microcrystalline, dense, no shows, fairly even light green fluoresence in tray

flood brick red to orange shales with abundant gray mixed fossiliferous cherts

Towanda 2808 +15

dolomite, mixed gray, mottled fossiliferous to arenaceous, poor visible porosity, some scattered chert, no shows

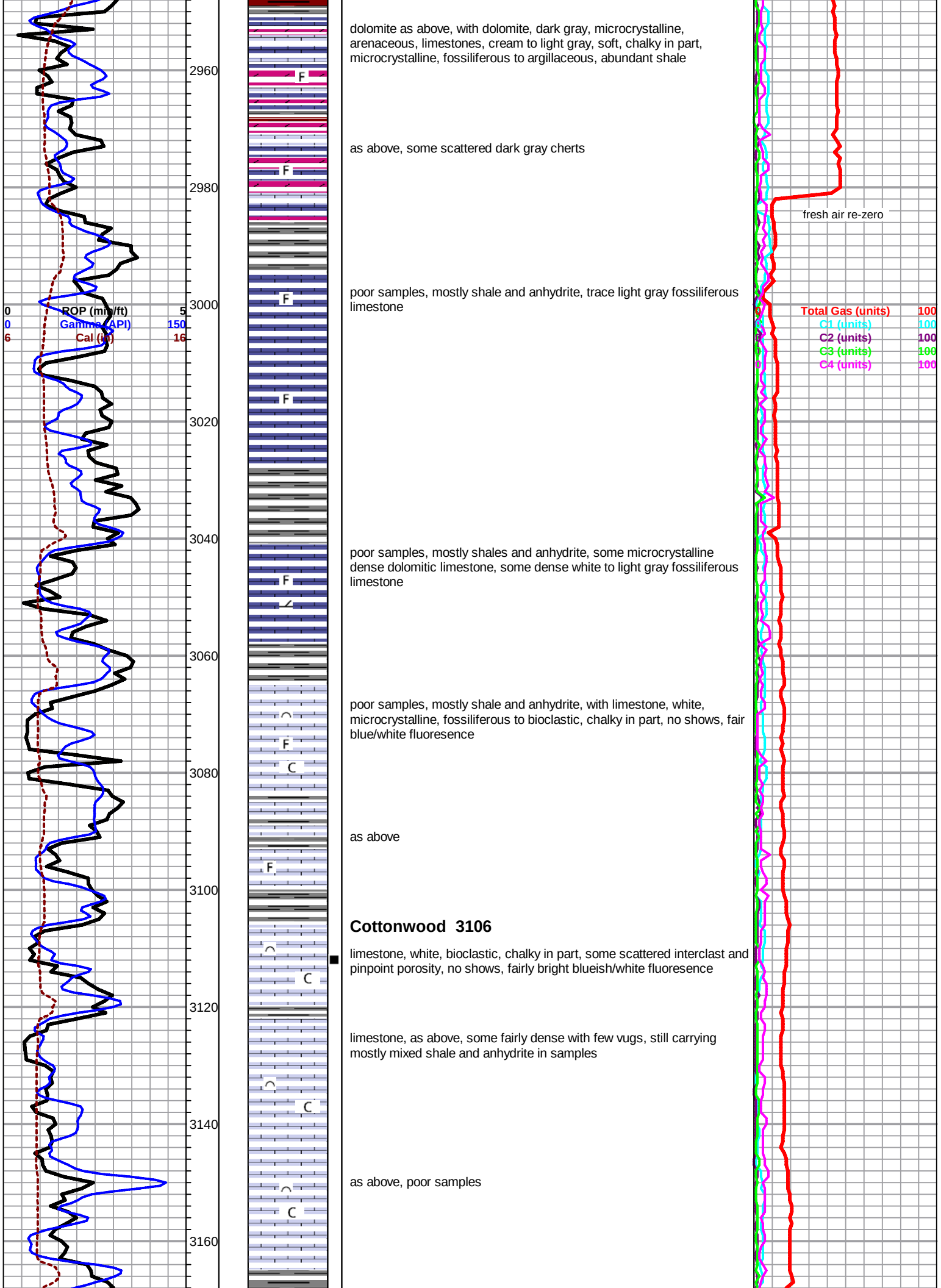
as above

Ft. Riley 2863 -40

dolomite, gray, mottled, microcrystalline, altered fossiliferous, some small vugs, dense, no shows or fluoresence

dolomite, as above

variable shales



dolomite as above, with dolomite, dark gray, microcrystalline, arenaceous, limestones, cream to light gray, soft, chalky in part, microcrystalline, fossiliferous to argillaceous, abundant shale

as above, some scattered dark gray cherts

poor samples, mostly shale and anhydrite, trace light gray fossiliferous limestone

poor samples, mostly shales and anhydrite, some microcrystalline dense dolomitic limestone, some dense white to light gray fossiliferous limestone

poor samples, mostly shale and anhydrite, with limestone, white, microcrystalline, fossiliferous to bioclastic, chalky in part, no shows, fair blue/white fluoresence

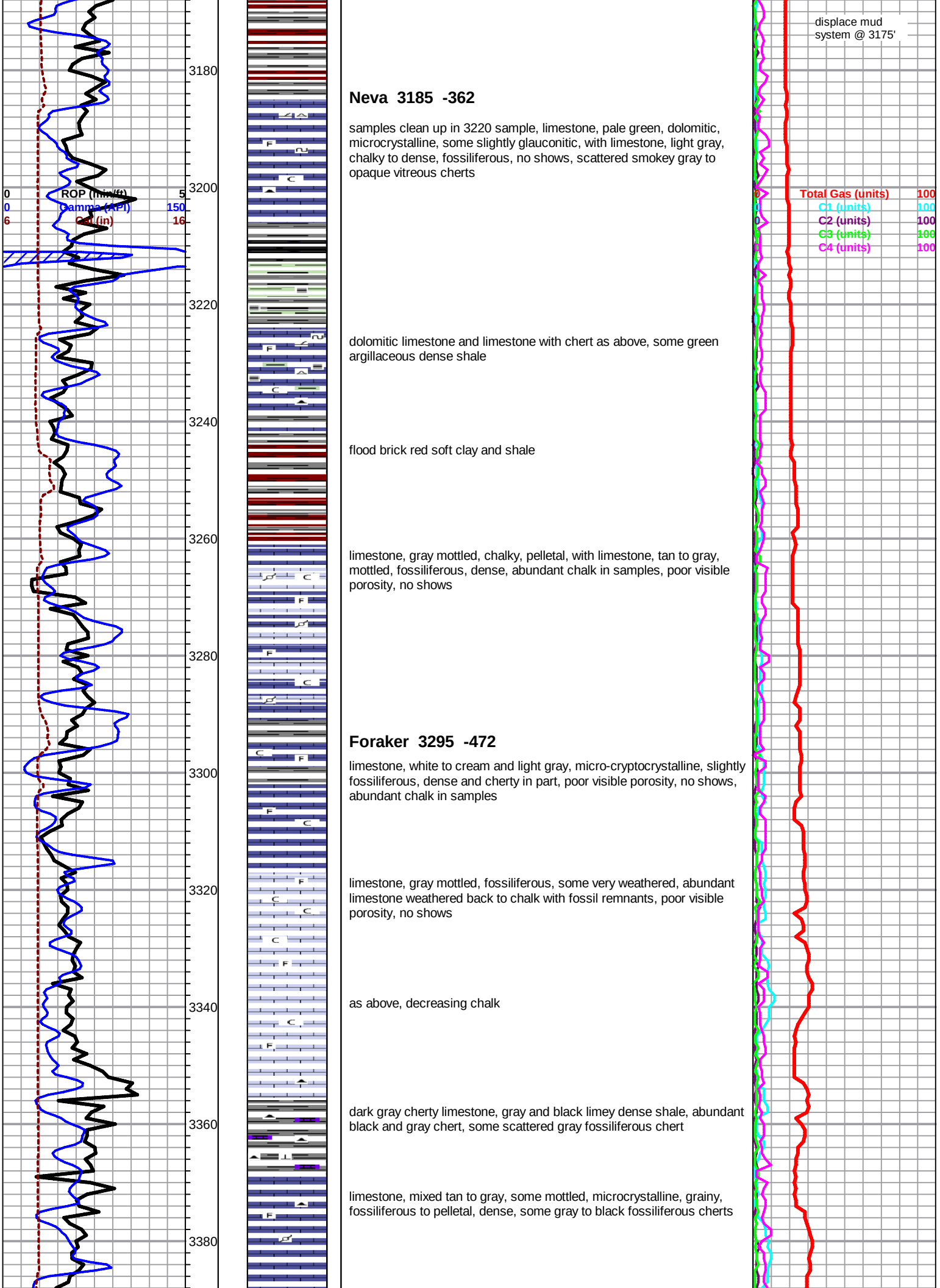
as above

Cottonwood 3106

limestone, white, bioclastic, chalky in part, some scattered interclast and pinpoint porosity, no shows, fairly bright blueish/white fluoresence

limestone, as above, some fairly dense with few vugs, still carrying mostly mixed shale and anhydrite in samples

as above, poor samples



Neva 3185 -362

samples clean up in 3220 sample, limestone, pale green, dolomitic, microcrystalline, some slightly glauconitic, with limestone, light gray, chalky to dense, fossiliferous, no shows, scattered smokey gray to opaque vitreous cherts

dolomitic limestone and limestone with chert as above, some green argillaceous dense shale

flood brick red soft clay and shale

limestone, gray mottled, chalky, pelletal, with limestone, tan to gray, mottled, fossiliferous, dense, abundant chalk in samples, poor visible porosity, no shows

Foraker 3295 -472

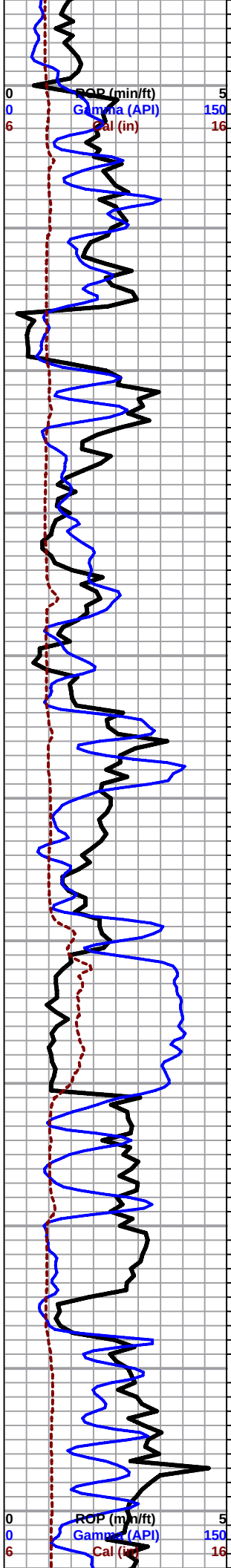
limestone, white to cream and light gray, micro-cryptocrystalline, slightly fossiliferous, dense and cherty in part, poor visible porosity, no shows, abundant chalk in samples

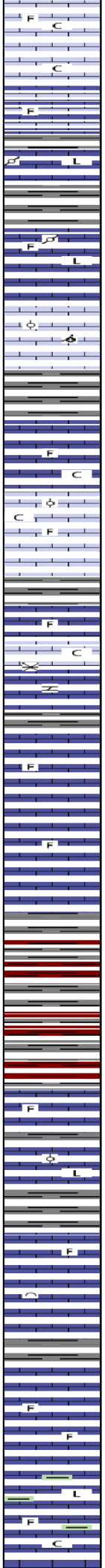
limestone, gray mottled, fossiliferous, some very weathered, abundant limestone weathered back to chalk with fossil remnants, poor visible porosity, no shows

as above, decreasing chalk

dark gray cherty limestone, gray and black limey dense shale, abundant black and gray chert, some scattered gray fossiliferous chert

limestone, mixed tan to gray, some mottled, microcrystalline, grainy, fossiliferous to pelletal, dense, some gray to black fossiliferous cherts





grading to: limestone, mixed gray to tan, chalky, fossiliferous, abundant chalk

limestone, gray to green, cryptocrystalline, lithographic to arenaceous to fossiliferous and grainy, dense, with limestone, tan, fossiliferous to pelletal, grainy, dense, no shows

limestone, cream to tan, oolitic to oomoldic, small specimens, some good moldic porosity, no show, no fluoresence

limestone, mixed gray to cream, fossiliferous, some grainy, few scattered vugs, some oolitic, no shows, abundant chalk

as above, some secondary calcite crystals

mixed limestone, dark to light gray and cream, microcrystalline, grainy, some mottled, fossiliferous, some large clasts, some chalky in part, poor visible porosity, some chalk, no shows

soft red and gray shales, samples wash red

Stotler 3541 -718

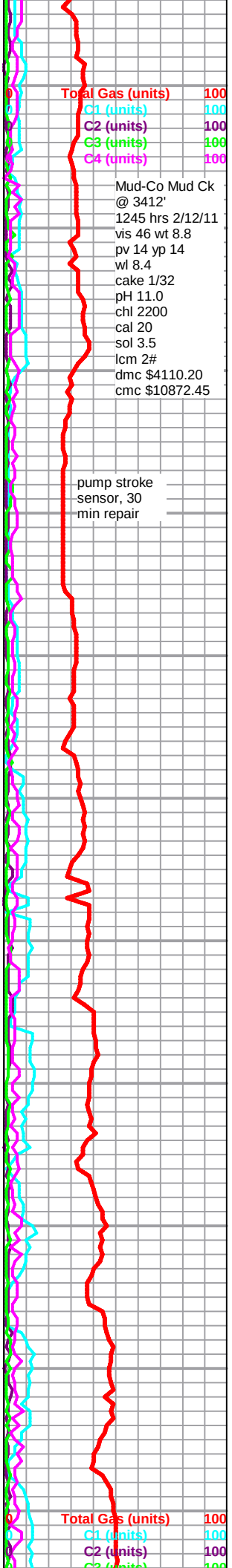
limestone, cream to gray and tan-brown mottled, microcrystalline, some grainy, fossiliferous to oolitic, fairly dense, poor visible porosity, no shows or fluoresence

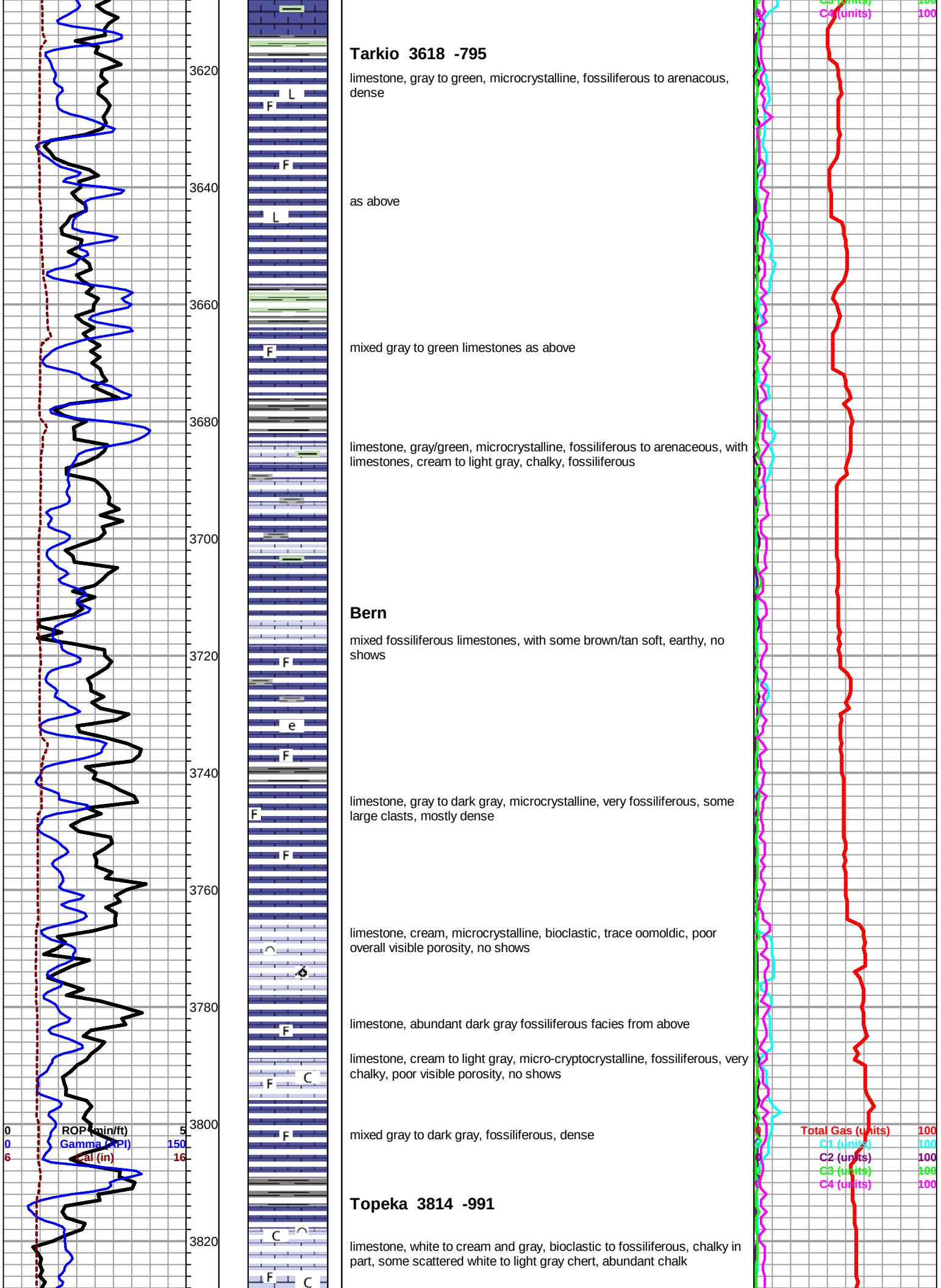
grading to limestone, gray to gray/green, dense, lithographic to fossiliferous

a.a. with some: limestone, cream to brown, dense bioclastic

limestone, gray/green to brown, dense, grainy, fossiliferous

limestone, gray to green, microcrystalline, dense, fossiliferous, some arenaceous, some lithographic some chalk, no shows, some silty green shales





Tarkio 3618 -795

limestone, gray to green, microcrystalline, fossiliferous to arenacous, dense

as above

mixed gray to green limestones as above

limestone, gray/green, microcrystalline, fossiliferous to arenaceous, with limestones, cream to light gray, chalky, fossiliferous

Bern

mixed fossiliferous limestones, with some brown/tan soft, earthy, no shows

limestone, gray to dark gray, microcrystalline, very fossiliferous, some large clasts, mostly dense

limestone, cream, microcrystalline, bioclastic, trace oomoldic, poor overall visible porosity, no shows

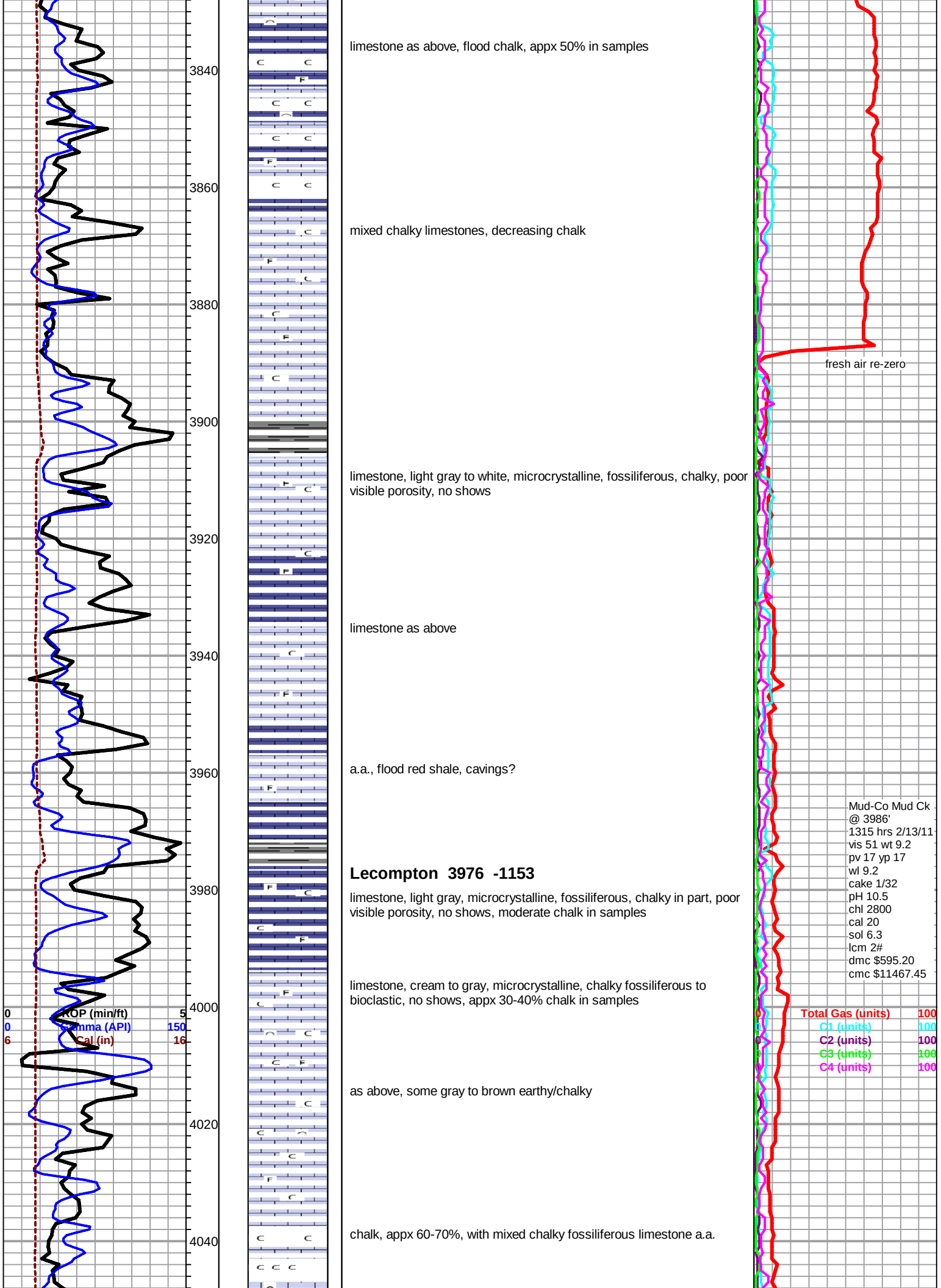
limestone, abundant dark gray fossiliferous facies from above

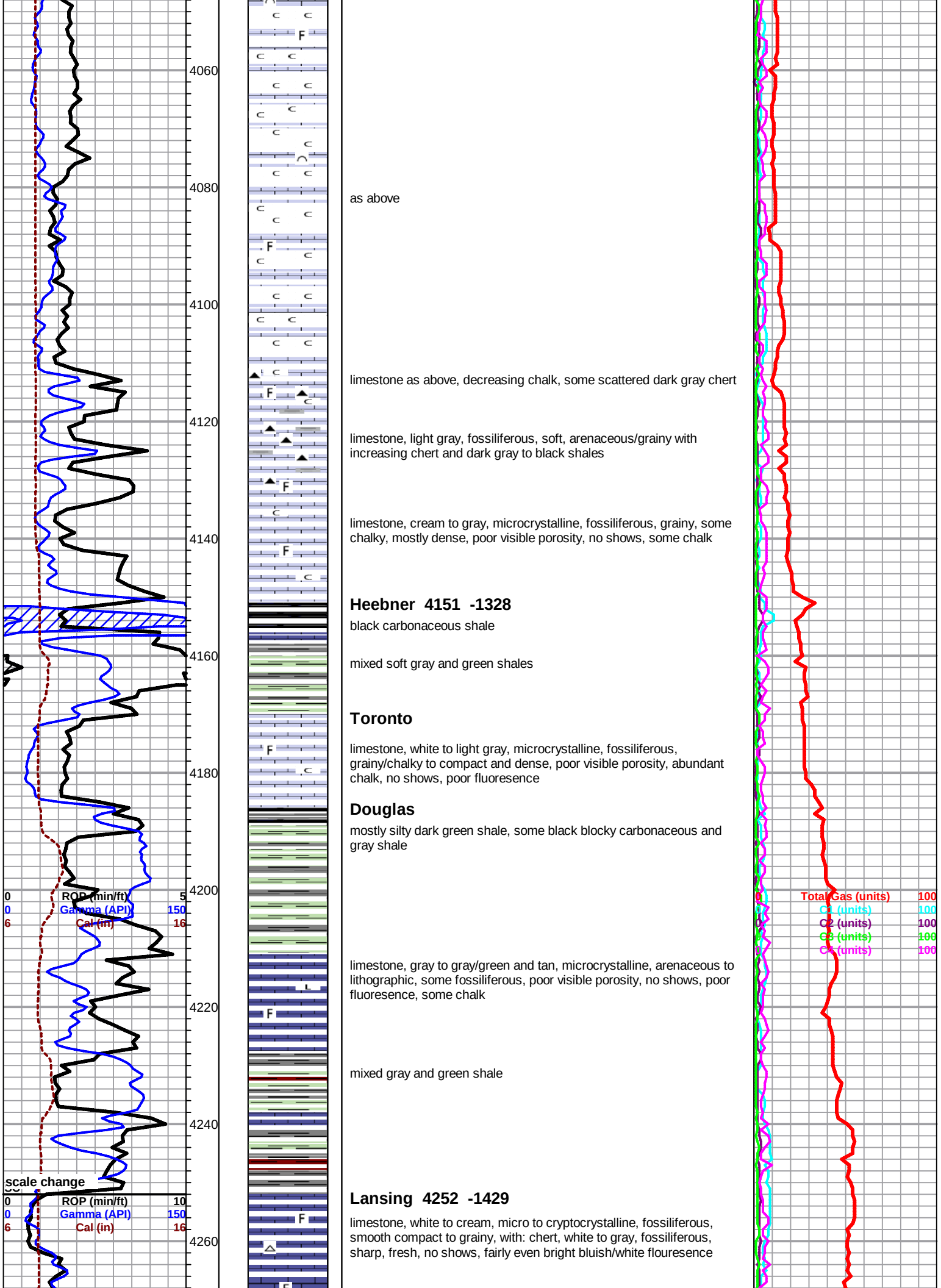
limestone, cream to light gray, micro-cryptocrystalline, fossiliferous, very chalky, poor visible porosity, no shows

mixed gray to dark gray, fossiliferous, dense

Topeka 3814 -991

limestone, white to cream and gray, bioclastic to fossiliferous, chalky in part, some scattered white to light gray chert, abundant chalk


3840
3860
3880
3900
3920
3940
3960
3980
4000
4020
4040
0
ROP (min/ft)
5
0
Gamma (API)
150
6
Cal (in)
16
limestone as above, flood chalk, appx 50% in samples
mixed chalky limestones, decreasing chalk
fresh air re-zero
limestone, light gray to white, microcrystalline, fossiliferous, chalky, poor visible porosity, no shows
limestone as above
a.a., flood red shale, cavings?
Mud-Co Mud Ck
@ 3986'
1315 hrs 2/13/11
vis 51 wt 9.2
pv 17 yp 17
wl 9.2
cake 1/32
pH 10.5
chl 2800
cal 20
sol 6.3
lcm 2#
dmc $595.20
cmc $11467.45
Lecompton 3976 -1153
limestone, light gray, microcrystalline, fossiliferous, chalky in part, poor visible porosity, no shows, moderate chalk in samples
limestone, cream to gray, microcrystalline, chalky fossiliferous to bioclastic, no shows, appx 30-40% chalk in samples
0
Total Gas (units)
100
C1 (units)
100
C2 (units)
100
C3 (units)
100
C4 (units)
100
as above, some gray to brown earthy/chalky
chalk, appx 60-70%, with mixed chalky fossiliferous limestone a.a.



as above

limestone as above, decreasing chalk, some scattered dark gray chert

limestone, light gray, fossiliferous, soft, arenaceous/grainy with increasing chert and dark gray to black shales

limestone, cream to gray, microcrystalline, fossiliferous, grainy, some chalky, mostly dense, poor visible porosity, no shows, some chalk

Heebner 4151 -1328

black carbonaceous shale

mixed soft gray and green shales

Toronto

limestone, white to light gray, microcrystalline, fossiliferous, grainy/chalky to compact and dense, poor visible porosity, abundant chalk, no shows, poor fluoresence

Douglas

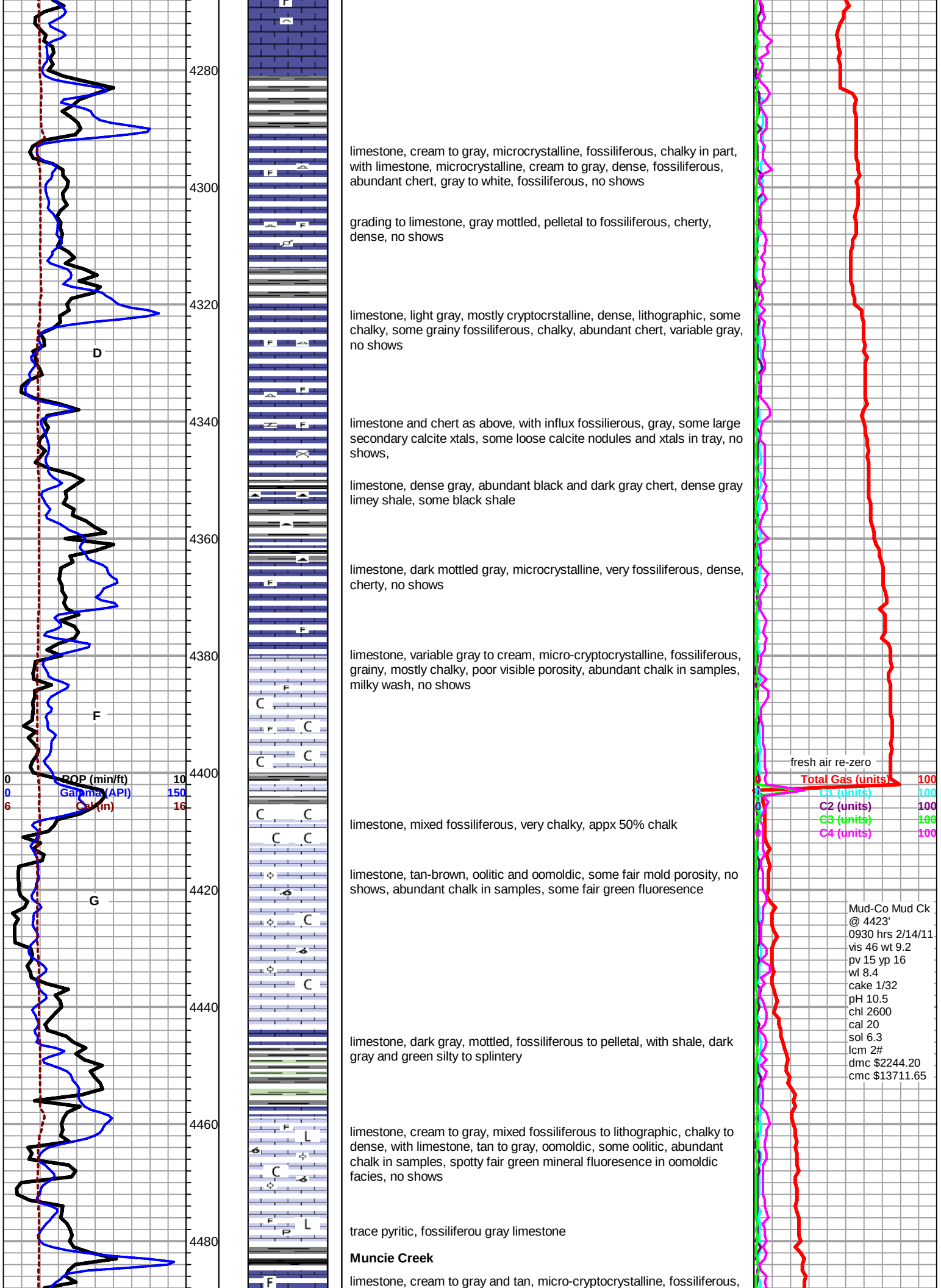
mostly silty dark green shale, some black blocky carbonaceous and gray shale

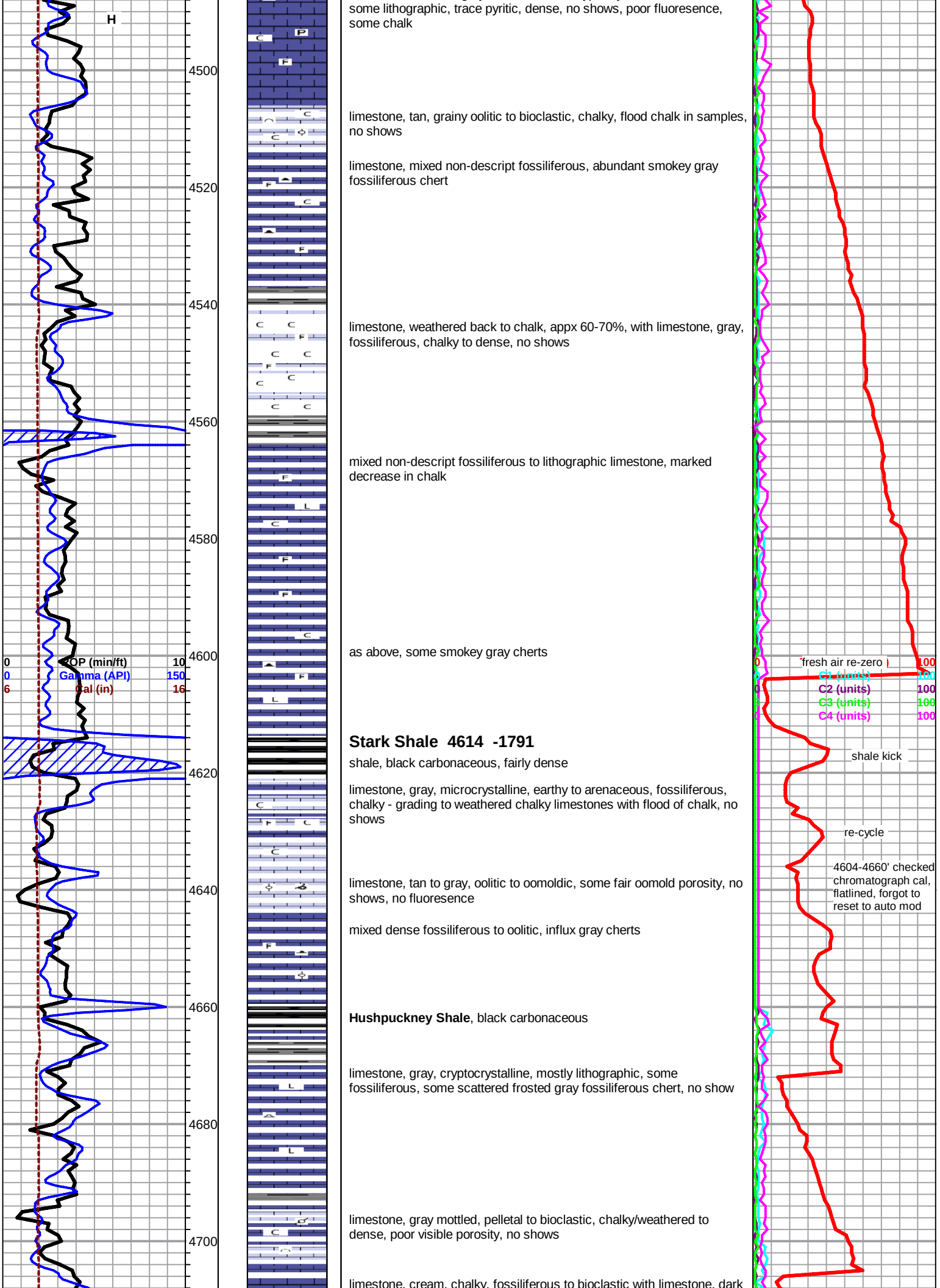
limestone, gray to gray/green and tan, microcrystalline, arenaceous to lithographic, some fossiliferous, poor visible porosity, no shows, poor fluoresence, some chalk

mixed gray and green shale

Lansing 4252 -1429

limestone, white to cream, micro to cryptocrystalline, fossiliferous, smooth compact to grainy, with: chert, white to gray, fossiliferous, sharp, fresh, no shows, fairly even bright bluish/white flouresence


4280
4300
4320
4340
4360
4380
4400
4420
4440
4460
4480
D
F
G
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16
fresh air re-zero
Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100
limestone, cream to gray, microcrystalline, fossiliferous, chalky in part, with limestone, microcrystalline, cream to gray, dense, fossiliferous, abundant chert, gray to white, fossiliferous, no shows
grading to limestone, gray mottled, pelletal to fossiliferous, cherty, dense, no shows
limestone, light gray, mostly cryptocrstalline, dense, lithographic, some chalky, some grainy fossiliferous, chalky, abundant chert, variable gray, no shows
limestone and chert as above, with influx fossilierous, gray, some large secondary calcite xtals, some loose calcite nodules and xtals in tray, no shows,
limestone, dense gray, abundant black and dark gray chert, dense gray limey shale, some black shale
limestone, dark mottled gray, microcrystalline, very fossiliferous, dense, cherty, no shows
limestone, variable gray to cream, micro-cryptocrystalline, fossiliferous, grainy, mostly chalky, poor visible porosity, abundant chalk in samples, milky wash, no shows
limestone, mixed fossiliferous, very chalky, appx 50% chalk
limestone, tan-brown, oolitic and oomoldic, some fair mold porosity, no shows, abundant chalk in samples, some fair green fluoresence
Mud-Co Mud Ck
@ 4423'
0930 hrs 2/14/11
vis 46 wt 9.2
pv 15 yp 16
wl 8.4
cake 1/32
pH 10.5
chl 2600
cal 20
sol 6.3
lcm 2#
dmc $2244.20
cmc $13711.65
limestone, dark gray, mottled, fossiliferous to pelletal, with shale, dark gray and green silty to splintery
limestone, cream to gray, mixed fossiliferous to lithographic, chalky to dense, with limestone, tan to gray, oomoldic, some oolitic, abundant chalk in samples, spotty fair green mineral fluoresence in oomoldic facies, no shows
trace pyritic, fossiliferou gray limestone
Muncie Creek
limestone, cream to gray and tan, micro-cryptocrystalline, fossiliferous,



some lithographic, trace pyritic, dense, no shows, poor fluoresence, some chalk

limestone, tan, grainy oolitic to bioclastic, chalky, flood chalk in samples, no shows

limestone, mixed non-descript fossiliferous, abundant smokey gray fossiliferous chert

limestone, weathered back to chalk, appx 60-70%, with limestone, gray, fossiliferous, chalky to dense, no shows

mixed non-descript fossiliferous to lithographic limestone, marked decrease in chalk

as above, some smokey gray cherts

Stark Shale 4614 -1791

shale, black carbonaceous, fairly dense

limestone, gray, microcrystalline, earthy to arenaceous, fossiliferous, chalky - grading to weathered chalky limestones with flood of chalk, no shows

limestone, tan to gray, oolitic to oomoldic, some fair oomold porosity, no shows, no fluoresence

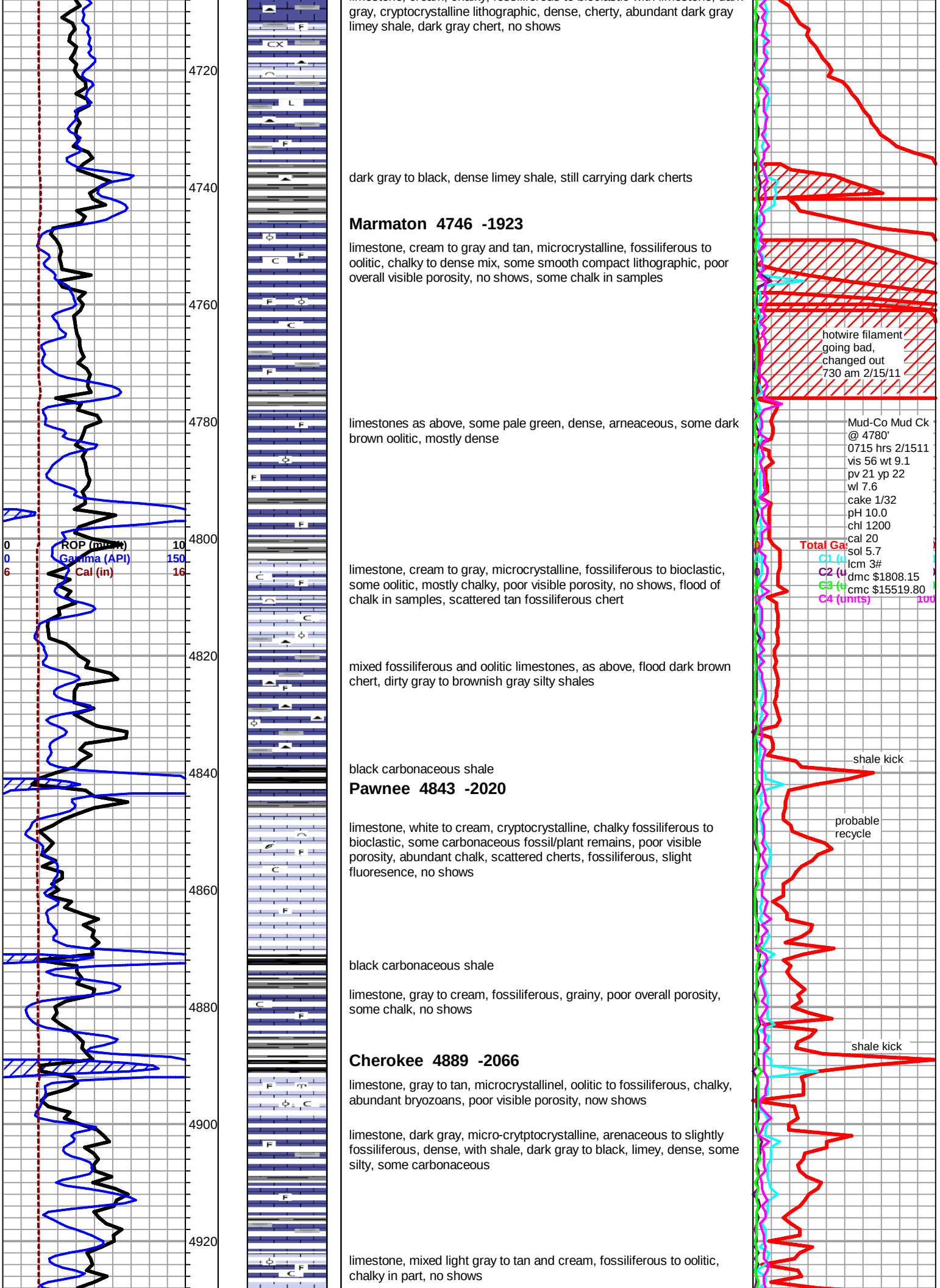
mixed dense fossiliferous to oolitic, influx gray cherts

Hushpuckney Shale, black carbonaceous

limestone, gray, cryptocrystalline, mostly lithographic, some fossiliferous, some scattered frosted gray fossiliferous chert, no show

limestone, gray mottled, pelletal to bioclastic, chalky/weathered to dense, poor visible porosity, no shows

limestone, cream, chalky, fossiliferous to bioclastic with limestone, dark



gray, cryptocrystalline lithographic, dense, cherty, abundant dark gray limey shale, dark gray chert, no shows

dark gray to black, dense limey shale, still carrying dark cherts

Marmaton 4746 -1923

limestone, cream to gray and tan, microcrystalline, fossiliferous to oolitic, chalky to dense mix, some smooth compact lithographic, poor overall visible porosity, no shows, some chalk in samples

limestones as above, some pale green, dense, arneaceous, some dark brown oolitic, mostly dense

limestone, cream to gray, microcrystalline, fossiliferous to bioclastic, some oolitic, mostly chalky, poor visible porosity, no shows, flood of chalk in samples, scattered tan fossiliferous chert

mixed fossiliferous and oolitic limestones, as above, flood dark brown chert, dirty gray to brownish gray silty shales

black carbonaceous shale

Pawnee 4843 -2020

limestone, white to cream, cryptocrystalline, chalky fossiliferous to bioclastic, some carbonaceous fossil/plant remains, poor visible porosity, abundant chalk, scattered cherts, fossiliferous, slight fluoresence, no shows

black carbonaceous shale

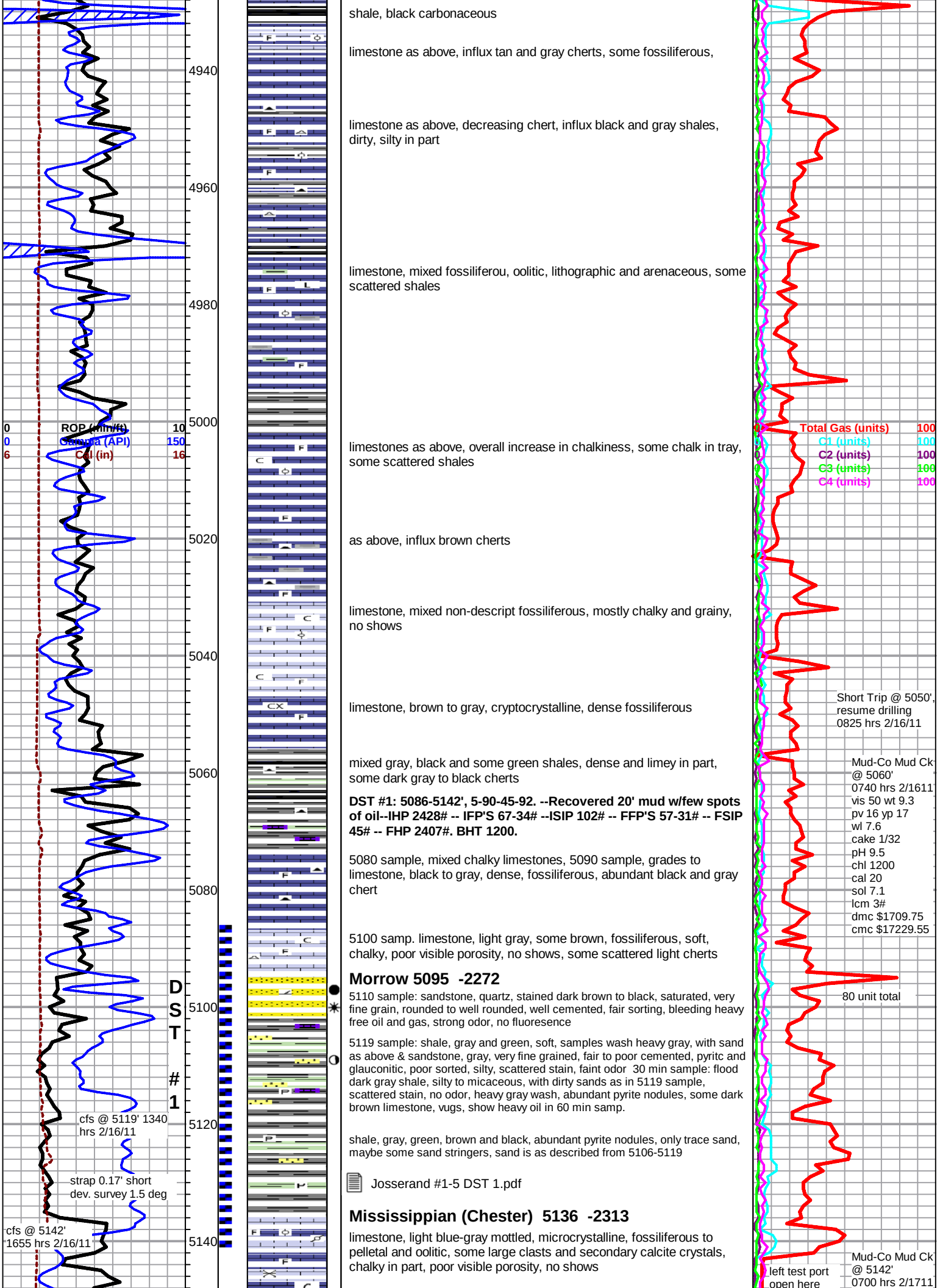
limestone, gray to cream, fossiliferous, grainy, poor overall porosity, some chalk, no shows

Cherokee 4889 -2066

limestone, gray to tan, microcrystallinel, oolitic to fossiliferous, chalky, abundant bryozoans, poor visible porosity, now shows

limestone, dark gray, micro-crytptocrystalline, arenaceous to slightly fossiliferous, dense, with shale, dark gray to black, limey, dense, some silty, some carbonaceous

limestone, mixed light gray to tan and cream, fossiliferous to oolitic, chalky in part, no shows



shale, black carbonaceous

limestone as above, influx tan and gray cherts, some fossiliferous,

limestone as above, decreasing chert, influx black and gray shales, dirty, silty in part

limestone, mixed fossiliferou, oolitic, lithographic and arenaceous, some scattered shales

limestones as above, overall increase in chalkiness, some chalk in tray, some scattered shales

as above, influx brown cherts

limestone, mixed non-descript fossiliferous, mostly chalky and grainy, no shows

limestone, brown to gray, cryptocrystalline, dense fossiliferous

mixed gray, black and some green shales, dense and limey in part, some dark gray to black cherts

DST #1: 5086-5142', 5-90-45-92. --Recovered 20' mud w/few spots of oil--IHP 2428# -- IFP'S 67-34# --ISIP 102# -- FFP'S 57-31# -- FSIP 45# -- FHP 2407#. BHT 1200.

5080 sample, mixed chalky limestones, 5090 sample, grades to limestone, black to gray, dense, fossiliferous, abundant black and gray chert

5100 samp. limestone, light gray, some brown, fossiliferous, soft, chalky, poor visible porosity, no shows, some scattered light cherts

Morrow 5095 -2272

5110 sample: sandstone, quartz, stained dark brown to black, saturated, very fine grain, rounded to well rounded, well cemented, fair sorting, bleeding heavy free oil and gas, strong odor, no fluoresence

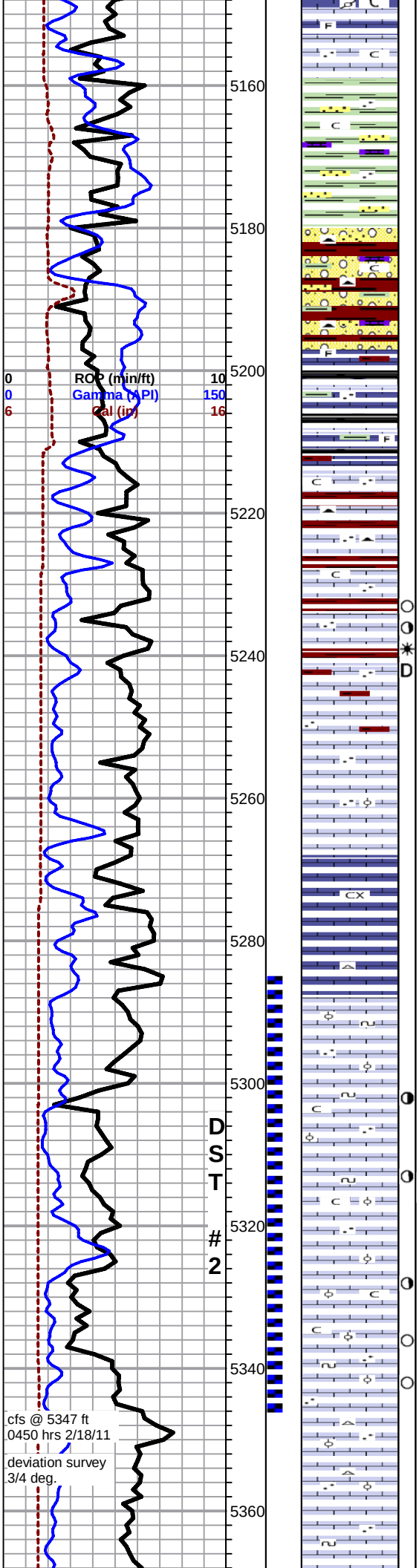
5119 sample: shale, gray and green, soft, samples wash heavy gray, with sand as above & sandstone, gray, very fine grained, fair to poor cemented, pyritc and glauconitic, poor sorted, silty, scattered stain, faint odor 30 min sample: flood dark gray shale, silty to micaceous, with dirty sands as in 5119 sample, scattered stain, no odor, heavy gray wash, abundant pyrite nodules, some dark brown limestone, vugs, show heavy oil in 60 min samp.

shale, gray, green, brown and black, abundant pyrite nodules, only trace sand, maybe some sand stringers, sand is as described from 5106-5119

Josserand #1-5 DST 1.pdf

Mississippian (Chester) 5136 -2313

limestone, light blue-gray mottled, microcrystalline, fossiliferous to pelletal and oolitic, some large clasts and secondary calcite crystals, chalky in part, poor visible porosity, no shows



as above, some cream grainy to sandy limestone

shale, mostly green, soft and waxy to denser sandy, some sandstone, green, very fine grained, poorly sorted and silty, well cemented, dense, glauconitic, abundant chalk, no shows

5180 samples, as above, influx limestone, pale green, dense, cryptocrystalline, lithographic, samples wash milky, 5190 sample, green shales as in 5190, with increase in sand, some sand white, very fine grained, fairly dense, some scattered white sandy limestone

conglomerate, sticky red clay and shale, abundant mixed green shales, mixed sandstones, some mixed limestone, mixed dark cherts, black dense striated shale - samples wash brick red

mostly mixed limestones, decreasing red and green shale, increasing black shale, still washes red

St. Gen 5215 -2392

limestone, light gray to pale green, microcrystalline, sandy, chalky, fairly dense, flood of brick red shale with limestone, some green and maroon/purple shale, abundant orange chert, no shows

5240 and 50 sample, as above, some scattered limestone with spotty to fair brown to dead black staining, no odor, 2 specimen show heavy free oil, trace gas bubbles, poor fluoresence, good cut on stained specimens, light cut non-stained, all have halo

limstone a.a., shale and shows drop out

a.a., increasing chalk, few pieces sandy cream oolitic

limestone, light gray lithographic, dense cryptocrystalline, some scatter sandy ls a.a., some cream oolitic

a.a. some scatt mixed chert

St Louis 5287 -2464

limestone, light gray/green to cream and gray, sandy mature oolitic to very sandy limestone, appx 50/50, fairly chalky, glauconitic in part, no shows, poor fluoresence, some chalk

limestone as above, with limestone, white to cream, mature oolitic, chalky, few pieces black wormy stain, solution vugs between oolites (friable as well), fair show free oil in rock and tray, fair odor, poor fluoresence, bright milky white streaming cut, with: chert, white to gray translucent and gray/orange mottled oolitic cherts

Josserand #1-5 DST 2.pdf

mixed chalky oolitic, sandy oolitic and sandy limestone as above, few pieces dense oolitic with trace stain, slight show free oil, no odor, slow streaming cut when broken

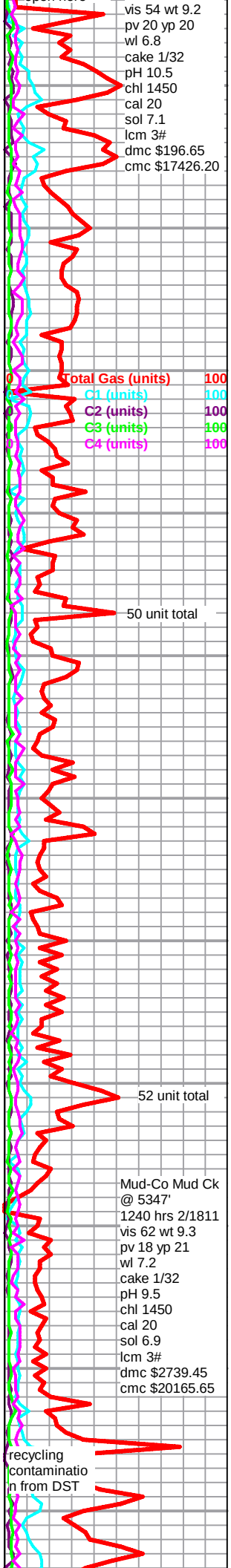
St. Louis B 5326 -2503

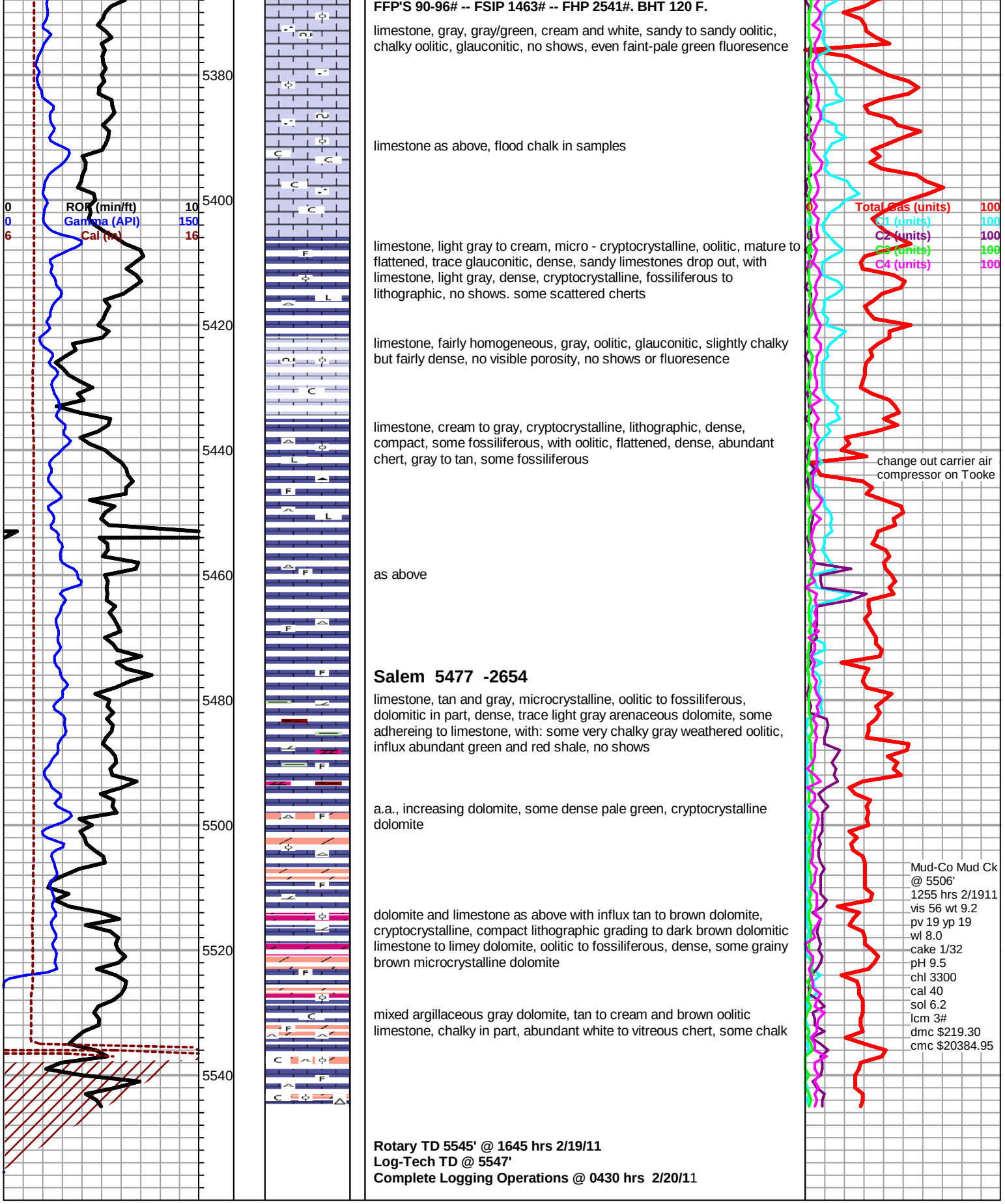
5340 sample, (very upper B) limestone a.a. few pieces mature cream oolitic, very small oolites, slight stain, slight interoolite porosity, show free oil on break, fleeting odor in cup, fair odor on break, slow blue/white cut - grading to: mature to slightly flattened oolitic, large oolites, very chalky, no stain, fleeting odor in cup, few pieces with oil droplets when broken, no fluoresence

@ 5338', limestone, gray to cream, oolitic (smaller oolites), fairly dense, some sandy and glauconitic, poor visible porosity, found 1 stained specimen, free oil when broke, 1 non-stained, free oil when broke, some free oil in tray, no odor, no fluoresence

@ 5350 - limestone, mixed gray to white, oolitic, sandy oolitic and sandy, some chalky, glauconitic in part, found 2 small chalky mature oolitic pieces with brown stain and fair fluoresence, no oil, (from above?) otherwise no show, abundant transucent vitreous chert with brown specs

DST #2: 5285-5347', 5-90-75-120--Recovered 120 feet of very slight oil cut mud (3% oil). IHP 2568# -- IFP'S 89-58# --ISIP 1540# --





FFP'S 90-96# -- FSIP 1463# -- FHP 2541#. BHT 120 F.

limestone, gray, gray/green, cream and white, sandy to sandy oolitic, chalky oolitic, glauconitic, no shows, even faint-pale green fluoresence

limestone as above, flood chalk in samples

limestone, light gray to cream, micro - cryptocrystalline, oolitic, mature to flattened, trace glauconitic, dense, sandy limestones drop out, with limestone, light gray, dense, cryptocrystalline, fossiliferous to lithographic, no shows. some scattered cherts

limestone, fairly homogeneous, gray, oolitic, glauconitic, slightly chalky but fairly dense, no visible porosity, no shows or fluoresence

limestone, cream to gray, cryptocrystalline, lithographic, dense, compact, some fossiliferous, with oolitic, flattened, dense, abundant chert, gray to tan, some fossiliferous

change out carrier air compressor on Tooke

as above

Salem 5477 -2654

limestone, tan and gray, microcrystalline, oolitic to fossiliferous, dolomitic in part, dense, trace light gray arenaceous dolomite, some adhereing to limestone, with: some very chalky gray weathered oolitic, influx abundant green and red shale, no shows

a.a., increasing dolomite, some dense pale green, cryptocrystalline dolomite

Mud-Co Mud Ck
@ 5506'
1255 hrs 2/1911
vis 56 wt 9.2
pv 19 yp 19
wl 8.0
cake 1/32
pH 9.5
chl 3300
cal 40
sol 6.2
lcm 3#
dmc $219.30
cmc $20384.95

dolomite and limestone as above with influx tan to brown dolomite, cryptocrystalline, compact lithographic grading to dark brown dolomitic limestone to limey dolomite, oolitic to fossiliferous, dense, some grainy brown microcrystalline dolomite

mixed argillaceous gray dolomite, tan to cream and brown oolitic limestone, chalky in part, abundant white to vitreous chert, some chalk

Rotary TD 5545' @ 1645 hrs 2/19/11
Log-Tech TD @ 5547'
Complete Logging Operations @ 0430 hrs 2/20/11

ALLIED CEMENTING CO., LLC. 30883

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Liberal KS.

DATE 2-07-11	SEC. 5	TWP. 28S	RANGE 30W	CALLED OUT	ON LOCATION	JOB START 8:30PM	JOB FINISH 9:30PM
LEASE Josserand	WELL # 1-5(SE)		LOCATION Vec Coopland KS.			COUNTY Gray	STATE KS.
OLD OR (NEW) (Circle one)							

CONTRACTOR Sterling
TYPE OF JOB Surface.
HOLE SIZE 12¼ T.D. 1883
CASING SIZE 8⅝ DEPTH 1878.88
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.24
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 117

OWNER

EQUIPMENT

PUMP TRUCK #372 CEMENTER Kenny
HELPER Cesar
BULK TRUCK #457-251 DRIVER Lenny + Jose
BULK TRUCK #470-467 DRIVER Pedro.

REMARKS:

THANK YOU!!!

CEMENT

AMOUNT ORDERED 675 SK 65/35/6 + gel 3% CC ¼# Flosea
150 SK Class A 3% CC 2% gel

COMMON	150	@ 15.45	2317.5
POZMIX		@	
GEL	3	@ 20.80	62.4
CHLORIDE	27	@ 58.20	1571.4
ASC		@	
liteweight	675	@ 14.80	9990.0
		@	
Flosea	168	@ 2.50	420.0
		@	
Sugar	50	@ 1.27	63.5
		@	
		@	
		@	
HANDLING	897	@ 2.40	2152.8
MILEAGE			4485.0
		TOTAL	21062.(

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			2011.0
EXTRA FOOTAGE		@	
MILEAGE	50	@ 7.00	350.0
MANIFOLD	1	@ 113	113.0
		@	
		@	
		TOTAL	2474.(

CHARGE TO: Falcon Exploration
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Guide Shoe	1	@ 282	282.0
Insert/Float	1	@ 377	377.0
Centralizer	4	@ 62	248.0
Basket	3	@ 248	744.0
Rubber Plug	1	@ 113	113.0
		TOTAL	1764.(

To Allied Cementing Co., 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.

SALES TAX (If Any)
TOTAL CHARGES [redacted]
DISCOUNT [redacted] IF PAID IN 30 DAYS

PRINTED NAME
SIGNATURE

ALLIED CEMENTING CO., LLC. 30889

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Liberal KS

DATE 2-20-11	SEC. 5	TWP. 28S	RANGE 30W	CALLED OUT	ON LOCATION	JOB START 4:30pm	JOB FINISH 5:00pm
LEASE Robert Isern	WELL # 1-5SE	LOCATION Vec Coopland KS,				COUNTY Gray	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR Sterling
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D.
CASING SIZE 8 5/8 DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1920
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER

EQUIPMENT

PUMP TRUCK #372 CEMENTER Kenny
HELPER Kenny & Lenny
BULK TRUCK #470-467 DRIVER Jose
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 170 SK 60/40/4% gel

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
Lite weight 170	@	14.05	2388.50
HANDLING 170	@	2.40	408
MILEAGE			850.00
TOTAL			3646.50

REMARKS:

50 SK @ 1920 ft
50 SK @ 930 ft
20 SK @ 60 ft
30 SK @ Rat Hole.
20 SK @ Mouse Hole THANK You!!!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1185.00
EXTRA FOOTAGE	@		
MILEAGE 50	@	7.00	350.00
MANIFOLD	@		
	@		
	@		
TOTAL			1535.00

CHARGE TO: Falcon Exploration
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

N/A
@
@
@
@
@
TOTAL 0

To Allied Cementing Co., 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.

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Alan Lofts

SIGNATURE Albert Cadena