

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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GLOBAL OIL FIELD SERVICES, LLC

3315

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell KS

DATE <u>4-4-18</u>	SEC <u>33</u>	TWP. <u>6</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00 PM</u>
LEASE <u>Kress</u>	WELL #. <u>1-33</u>	LOCATION <u>8.5 mi North of Levant</u>				COUNTY <u>Thomas</u>	STATE <u>KS</u>
OLD OR NEW (CIRCLE ONE)			<u>1.8 west South into</u>				

CONTRACTOR Duke Drilling Co Rig #4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 5 5/8 DEPTH 300 381'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX DEPTH

MEAS. LINE MINIMUM

CEMENT LEFT IN CSG. SHOE JOINT 42.27'

PERFS

DISPLACEMENT

OWNER Slawson Exploration Co,

CEMENT AMOUNT ORDERED 240 SKS Cem

3 1/2 cc 2 1/2 gal

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Cody

417 HELPER Jason

BULK TRUCK DRIVER Tom

411 DRIVER

REMARKS:
Ran 9' of 8 1/2 casing + 11 1/2' hooked to rig. Duke circulation hooked to pump well. Pumped 2 bags of cement & used plug & float. 2 1/2' depth of H2O and shovels. Cement did circulation to surface.

CHARGE TO: Slawson Exploration

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

5 5/8 Rubber Plug + Baffle Plate

@

@

@

@

TOTAL

Global Oil Field 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 Hector Jones

SIGNATURE

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

GLOBAL OIL FIELD SERVICES, LLC

3307

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell

DATE <u>4-14-18</u>	SEC <u>33</u>	TWP. <u>6</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>KRIS</u>	WELL #. <u>1-33</u>	LOCATION <u>Lavanti R N 2W</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE) <input checked="" type="radio"/> OLD <input type="radio"/> NEW							

CONTRACTOR Duke

TYPE OF JOB Prod. CSG

HOLE SIZE 7 7/8 T.D. _____

CASING SIZE 4 1/2 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX. _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 25

PERFS _____

DISPLACEMENT 75.23 bbls

EQUIPMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 2000 lb cement by cement 27.66

1096 gal 57.6 gal

650 gal 29.6 gal by the 560 gal

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

PUMP TRUCK # _____ CEMENTER Bill

HELPER SAW

BULK TRUCK # _____ DRIVER Chris

BULK TRUCK # _____ DRIVER Bullet

_____ TONY

REMARKS:

pipe out c 4876 choc Jt 4 R/S

pump 500 Flush, cement w/ 2000 pump plus

w/ 75.23 bbl. land plus c 1500 float dis. hold

open tool 700 psi c/c 4600

Cent w/ 620 gal land plus c/1500

Cent dis. c/c 700

Dev tool 3031.65 3000 R/S

JT 43

CHARGE TO: Slawson Exd.

STREET _____

CITY _____ STATE _____ ZIP _____

Global Oil Field Services, LLC
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PRINTED NAME Rodney Gonzales

SIGNATURE Rodney Gonzales

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

MANIFOLD @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

BAKets 2 @ _____

TURBOS 13 @ _____

Float Shoe 1 @ _____

U-Fool @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



**Company: Slawson Exploration
Company, Inc
Lease: Kriss #1-33**

SEC: 33 TWN: 6S RNG: 35W
County: THOMAS
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 4
Elevation: 3309 GL
Field Name: LD East
Pool: WILDCAT
Job Number: 141

DATE
April
10
2018

DST #1 Formation: LSG "H" Test Interval: 4310 - 4342' Total Depth: 4342'

Time On: 19:38 04/10 Time Off: 02:23 04/11
Time On Bottom: 22:42 04/10 Time Off Bottom: 00:25 04/11

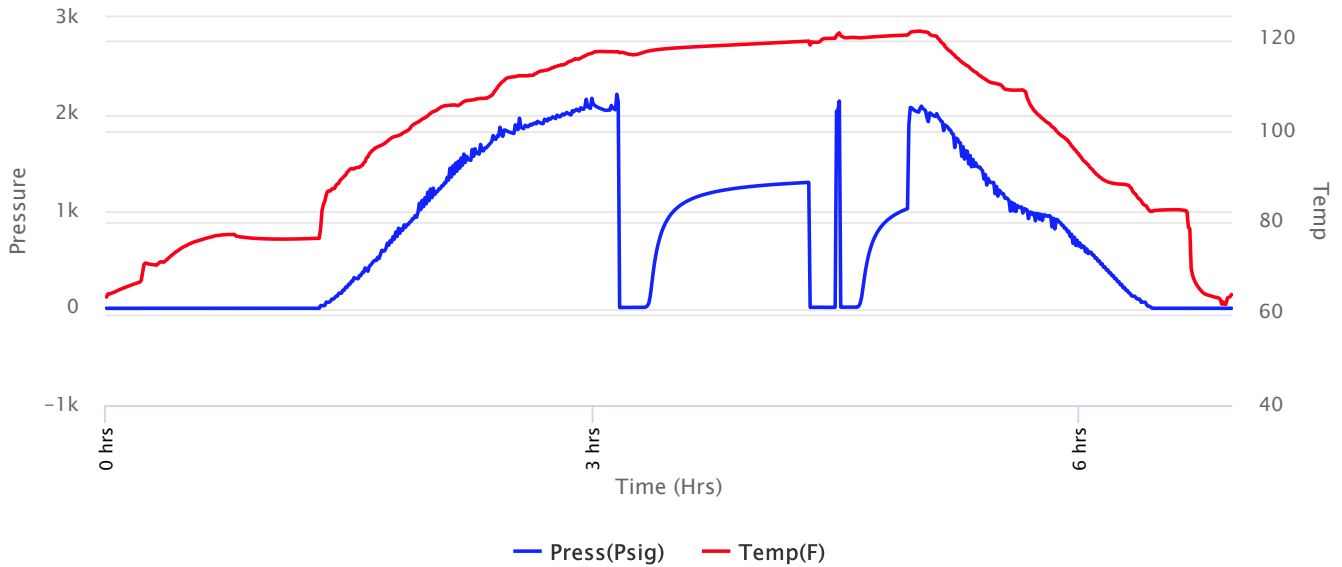
Electronic Volume
Estimate:
2'

1st Open
Minutes: 10
.2" at 10 min

1st Close
Minutes: 60
0" at 60 min

2nd Open
Minutes: 5
0" at 5 min

2nd Close
Minutes: 15
0" at 15 min





**Company: Slawson Exploration
Company, Inc
Lease: Kriss #1-33**

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Company, Inc - Rig 4
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April
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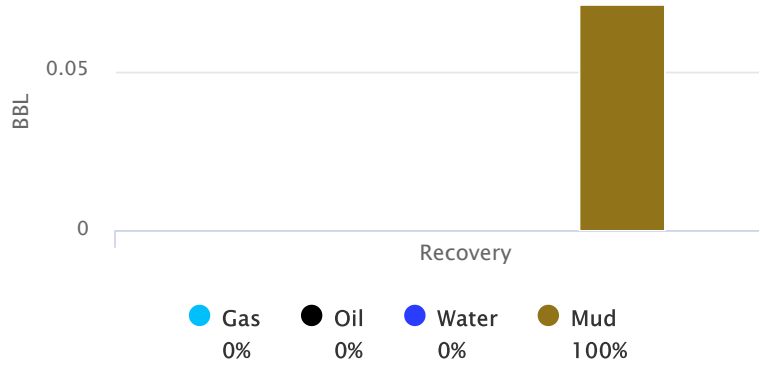
Recovered

<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
5	0.07115	M	0	0	0	100

Total Recovered: 5 ft
Total Barrels Recovered: 0.07115

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	2043	PSI
Initial Flow	8 to 10	PSI
Initial Closed in Pressure	1298	PSI
Final Flow Pressure	10 to 12	PSI
Final Closed in Pressure	1027	PSI
Final Hydrostatic Pressure	2034	PSI
Temperature	122	°F
Pressure Change Initial Close / Final Close	20.9	%



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Company, Inc - Rig 4
Elevation: 3309 GL
Field Name: LD East
Pool: WILDCAT
Job Number: 141

DATE April 10 2018

DST #1 Formation: LSG "H" Test Interval: 4310 - Total Depth: 4342'
4342'

Time On: 19:38 04/10 Time Off: 02:23 04/11
Time On Bottom: 22:42 04/10 Time Off Bottom: 00:25 04/11

REMARKS:

IF=Built to .2"
ISI=No Blow
FF=No Blow in 10 min Flushed tool No Blow in 5 min
FSI=No Blow

Tool Sample=Mud



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DATE
April
10
2018

DST #1 Formation: LSG "H" Test Interval: 4310 - Total Depth: 4342'
4342'

Time On: 19:38 04/10 Time Off: 02:23 04/11
Time On Bottom: 22:42 04/10 Time Off Bottom: 00:25 04/11

Down Hole Makeup

Heads Up: 15.21 FT	Packer 1: 4304.5 FT
Drill Pipe: 4292.14 FT <i>ID-3 1/2</i>	Packer 2: 4310 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4293.92 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4340 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 32	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 28 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



**Company: Slawson Exploration
Company, Inc
Lease: Kriss #1-33**

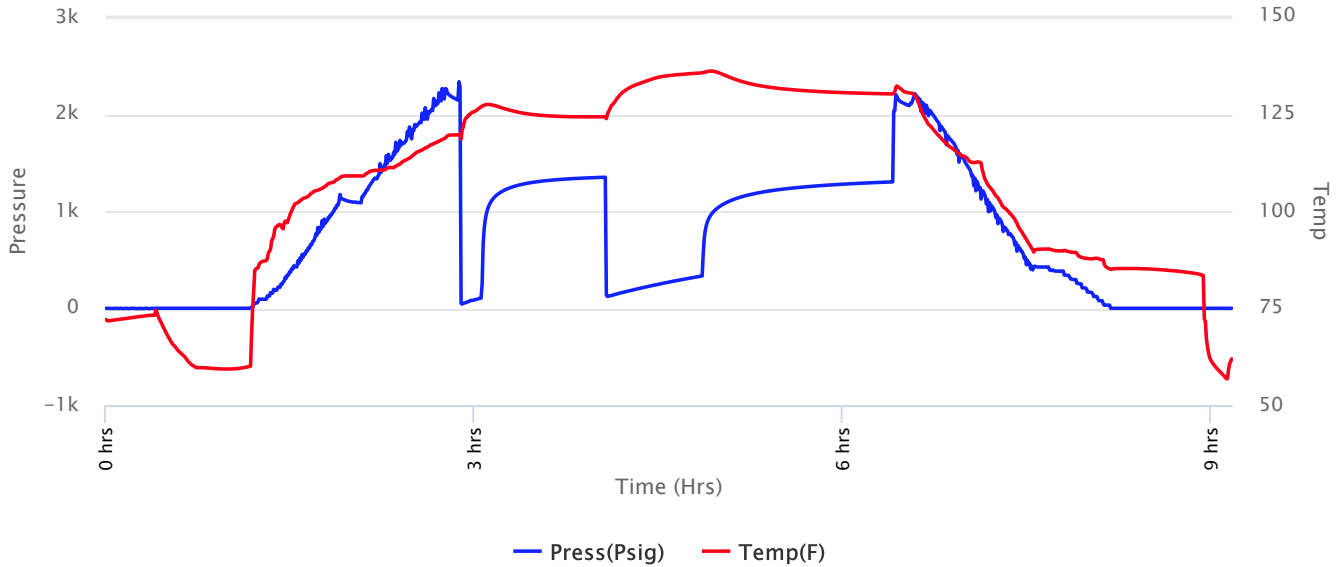
SEC: 33 TWN: 6S RNG: 35W
County: THOMAS
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 4
Elevation: 3309 GL
Field Name: LD East
Pool: WILDCAT
Job Number: 141

DATE
April
12
2018

DST #2 **Formation:**
Marmaton **Test Interval: 4466 -**
4525' **Total Depth: 4525'**

Time On: 01:45 04/12 Time Off: 10:41 04/12
Time On Bottom: 04:34 04/12 Time Off Bottom: 08:00 04/12

Electronic Volume Estimate: 1695'	<u>1st Open</u> Minutes: 10 27.7" at 10 min	<u>1st Close</u> Minutes: 60 10.6" at 60 min	<u>2nd Open</u> Minutes: 45 97.1" at 45 min	<u>2nd Close</u> Minutes: 70 19.6" at 70 min
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**Company: Slawson Exploration
Company, Inc
Lease: Kriss #1-33**

SEC: 33 TWN: 6S RNG: 35W
County: THOMAS
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 4
Elevation: 3309 GL
Field Name: LD East
Pool: WILDCAT
Job Number: 141

DATE
April
12
2018

DST #2 **Formation:**
 Marmaton

Test Interval: 4466 - 4525' **Total Depth: 4525'**

Time On: 01:45 04/12 Time Off: 10:41 04/12
Time On Bottom: 04:34 04/12 Time Off Bottom: 08:00 04/12

Recovered

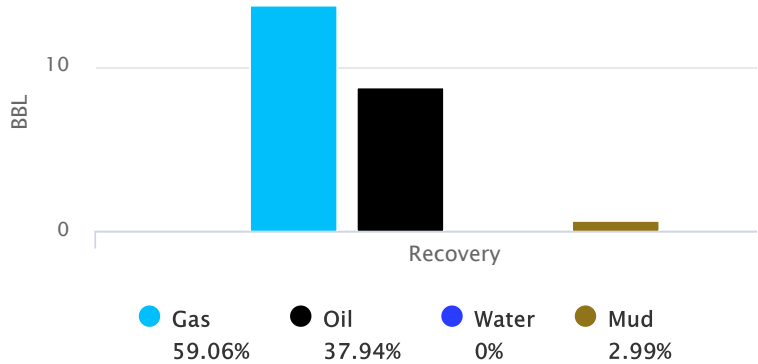
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
700	9.961	G	100	0	0	0
865	12.30895	HGCO	30	70	0	0
65	0.92495	SLGCOCM	5	20	0	75

Total Recovered: 1630 ft
Total Barrels Recovered: 23.1949

Reversed Out
NO

Initial Hydrostatic Pressure	2161	PSI
Initial Flow	50 to 105	PSI
Initial Closed in Pressure	1352	PSI
Final Flow Pressure	125 to 334	PSI
Final Closed in Pressure	1304	PSI
Final Hydrostatic Pressure	2123	PSI
Temperature	137	°F
Pressure Change Initial Close / Final Close	3.5	%

Recovery at a glance





**Company: Slawson Exploration
Company, Inc
Lease: Kriss #1-33**

SEC: 33 TWN: 6S RNG: 35W
County: THOMAS
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 4
Elevation: 3309 GL
Field Name: LD East
Pool: WILDCAT
Job Number: 141

DATE April 12 2018

DST #2	Formation: Marmaton	Test Interval: 4466 - 4525'	Total Depth: 4525'
	Time On: 01:45 04/12	Time Off: 10:41 04/12	
	Time On Bottom: 04:34 04/12	Time Off Bottom: 08:00 04/12	

REMARKS:

IF=BOB in 5 min
ISI=BOB in 39 min
FF=BOB in 4 min
FSI=BOB in 8 min

Tool Sample=MCO 35%M 65%O

Gravity: 35.4 @ 60 degrees F



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DATE April 12 2018

DST #2 **Formation:** **Test Interval: 4466 -** **Total Depth: 4525'**
Marmaton **4525'**
Time On: 01:45 04/12 Time Off: 10:41 04/12
Time On Bottom: 04:34 04/12 Time Off Bottom: 08:00 04/12

Down Hole Makeup

Heads Up: 13.42 FT	Packer 1: 4460.76 FT
Drill Pipe: 4446.61 FT <i>ID-3 1/2</i>	Packer 2: 4466.26 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4450.18 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4523 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 58.74	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 22 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 30.74 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



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Company, Inc - Rig 4
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DATE April 12 2018

DST #2	Formation: Marmaton	Test Interval: 4466 - 4525'	Total Depth: 4525'
	Time On: 01:45 04/12	Time Off: 10:41 04/12	
	Time On Bottom: 04:34 04/12	Time Off Bottom: 08:00 04/12	

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 57 **Filtrate:** 7.2 **Chlorides:** 3000 ppm



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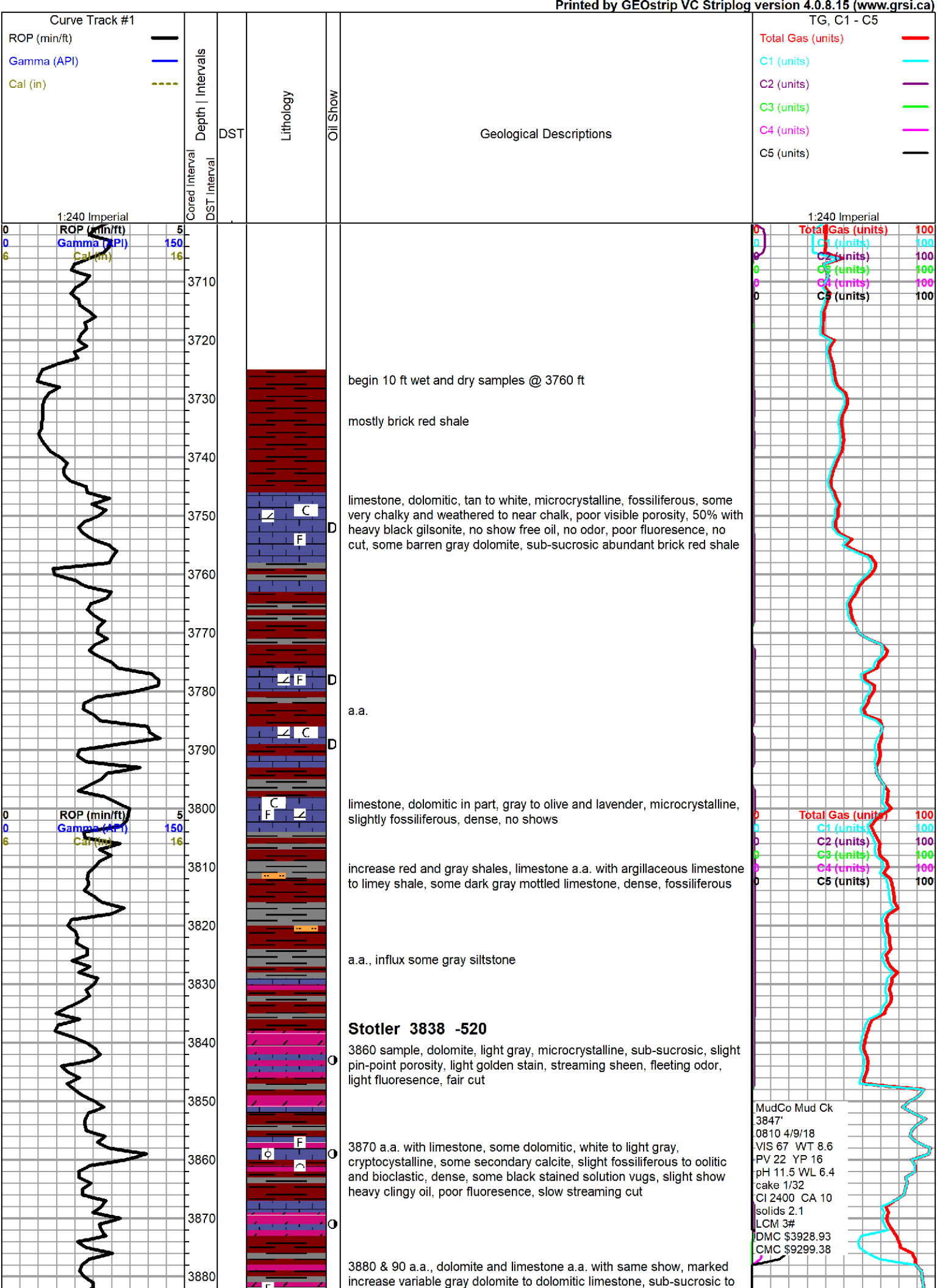
Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Curve Track #1

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

Depth | Intervals
 DST
 Cored Interval
 DST Interval

Lithology

Oil Show

Geological Descriptions

TG, C1 - C5

Total Gas (units) —
 C1 (units) —
 C2 (units) —
 C3 (units) —
 C4 (units) —
 C5 (units) —

1:240 Imperial
 ROP (min/ft) 5
 Gamma (API) 150
 Cal (in) 16

1:240 Imperial
 Total Gas (units) 100
 C1 (units) 100
 C2 (units) 100
 C3 (units) 100
 C4 (units) 100
 C5 (units) 100

begin 10 ft wet and dry samples @ 3760 ft

mostly brick red shale

limestone, dolomitic, tan to white, microcrystalline, fossiliferous, some very chalky and weathered to near chalk, poor visible porosity, 50% with heavy black gilsonite, no show free oil, no odor, poor fluorescence, no cut, some barren gray dolomite, sub-sucrosic abundant brick red shale

a.a.

limestone, dolomitic in part, gray to olive and lavender, microcrystalline, slightly fossiliferous, dense, no shows

increase red and gray shales, limestone a.a. with argillaceous limestone to limey shale, some dark gray mottled limestone, dense, fossiliferous

a.a., influx some gray siltstone

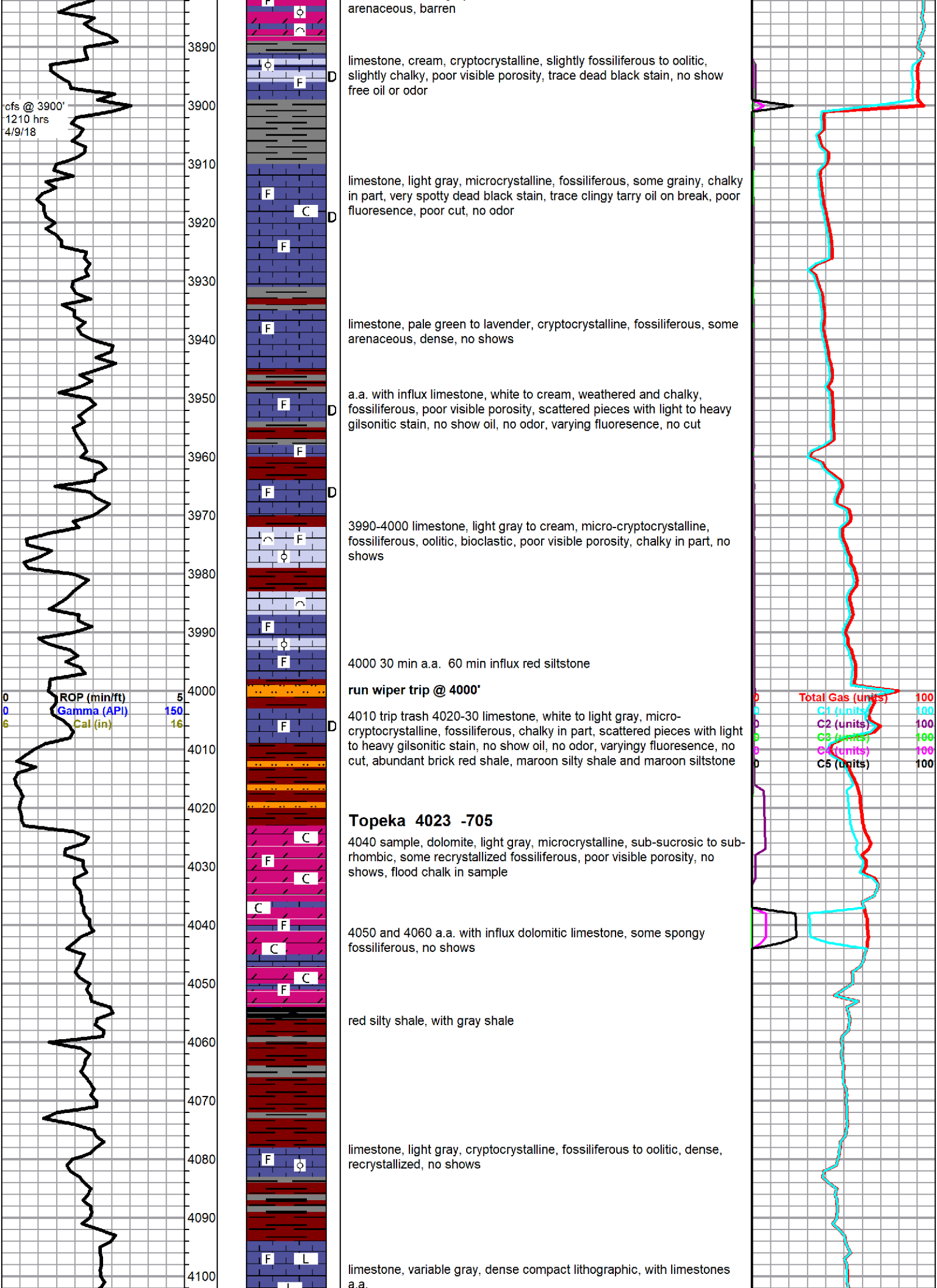
Stotler 3838 -520

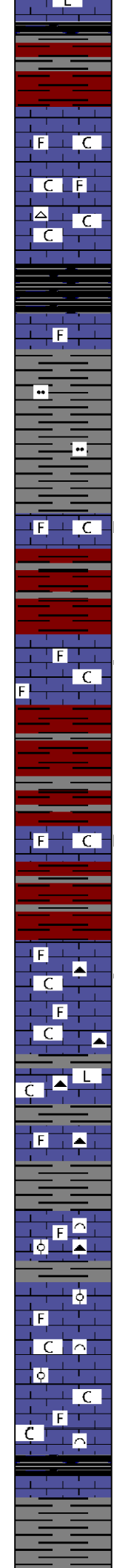
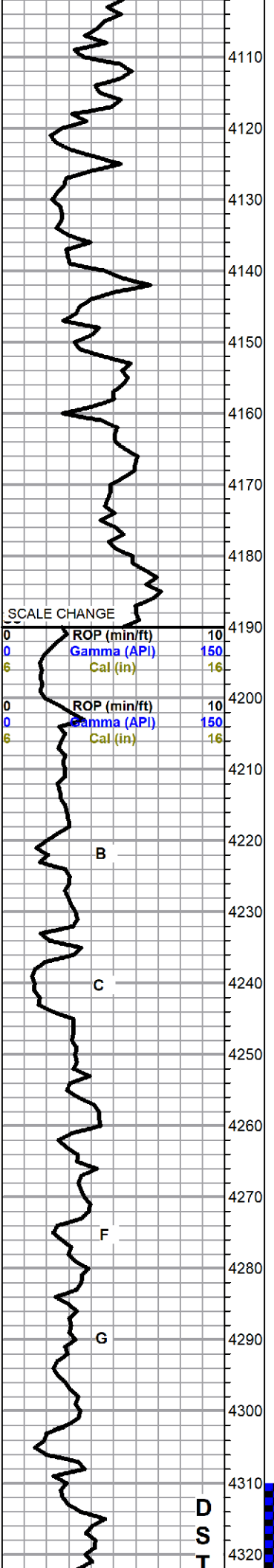
3860 sample, dolomite, light gray, microcrystalline, sub-sucrosic, slight pin-point porosity, light golden stain, streaming sheen, fleeting odor, light fluorescence, fair cut

3870 a.a. with limestone, some dolomitic, white to light gray, cryptocrystalline, some secondary calcite, slight fossiliferous to oolitic and bioclastic, dense, some black stained solution vugs, slight show heavy clingy oil, poor fluorescence, slow streaming cut

3880 & 90 a.a., dolomite and limestone a.a. with same show, marked increase variable gray dolomite to dolomitic limestone, sub-sucrosic to

MudCo Mud Ck
 3847'
 0810 4/9/18
 VIS 67 WT 8.6
 PV 22 YP 16
 pH 11.5 WL 6.4
 cake 1/32
 CI 2400 CA 10
 solids 2.1
 LCM 3#
 DMC \$3928.93
 CMC \$9299.38





Oread 4118 -800

limestone, variable gray and cream, micro-cryptocrystalline, fossiliferous, chalky to dense, some lithographic, abundant chalk, poor visible porosity, no shows

a.a., flood chalk, appx 40%, some scattered gray cherts, no shows

Heebner 4140 -822

shale, black carbonaceous

limestone, tan to light gray, cryptocrystalline, fossiliferous, no show

shale, gray, soft, silty

Toronto 4174 -856

limestone, white, fossiliferous, chalky, some very weathered, scattered inter-clast porosity, fairly even black dead gilsonitic stain, no show free oil, no odor, fair fluorescence, slow streamin bright blue cut

Lansing 4191 -873

limestone, white to light gray, mostly cryptocrystalline, fossiliferous to lithographic, chalky, poor visible porosity, trace pyritic, abundant chalk, some stained limestone a.a. (carried Toronto) , no show otherwise

limestone, white, fossiliferous, chalky, weathered in part, scattered inter-clast porosity, spotty to even black dead gilsonitic stain, no show free oil, no odor, fair fluorescence, slow streaming bright blue cut

limestone, white to light gray, grainy/chalky fossiliferous to cryptocrystalline, lithographic, no show, with stained limestone a.a., orange chert

grades to: limestone a.a. with influx limestone, gray, dense cryptocrystalline lithographic, some arenaceous, moderate chalk, increase in orange chert, stained rocks drop out

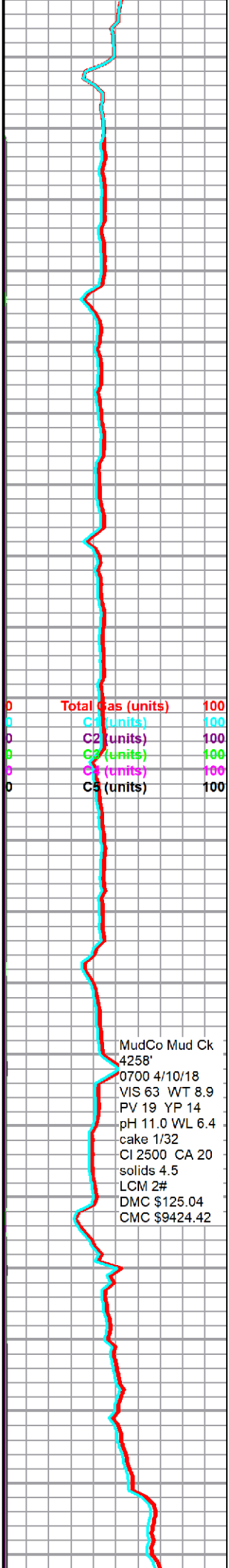
a.a.

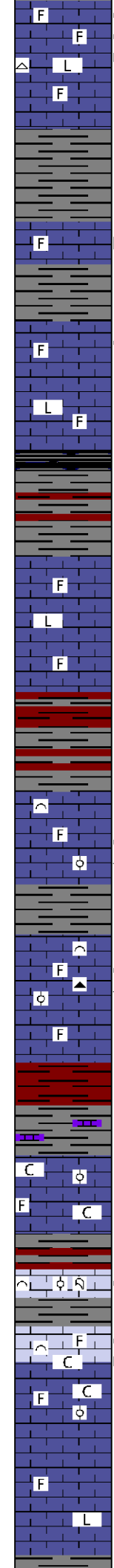
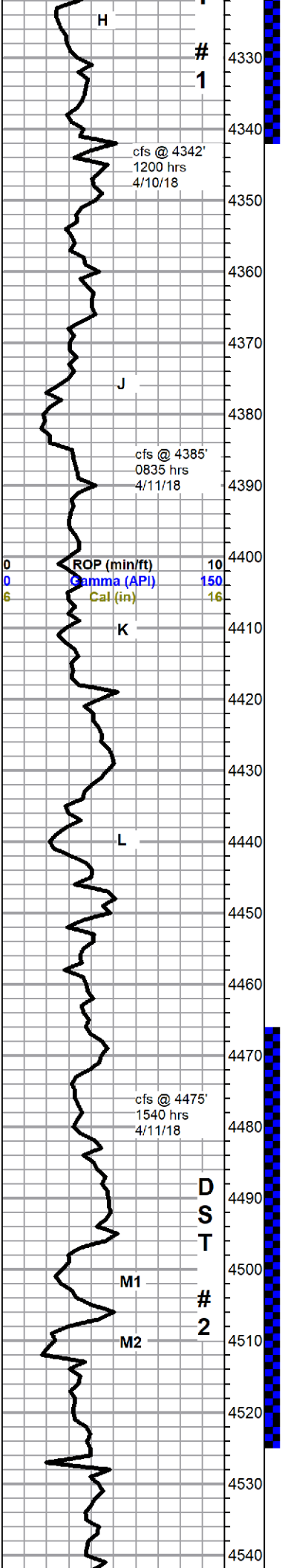
limestone, light gray, microcrystalline, fossiliferous, bioclastic to flattened oolitic, chalky, poor visible porosity, no shows, still carrying abundant orange chert

limestone, mixed white to gray, fossiliferous to oolitic to bioclastic, some lithographic, mostly chalky, poor overall visible porosity,

Muncie Creek 4306 -988

influx darker limestones, with some smokey chert and black carbonaceous shale





limestone, light gray, cryptocrystalline, mostly recrystallized fossiliferous, some inter-clast and solution vug porosity, fairly even black to brown stain, show bleeding and clinging oil, good show oil on break, faint odor, fair fluorescence, good milky cut with halo

grades to dense gray sub-lithographic and fossiliferous limestones with pale green and gray smokey cherts, no shows

limestone, light gray with maroon and light green tinting, microcrystalline, fossiliferous to sub-lithographic, mostly dense, some chalky, light surface etching with spotty black staining, no show oil, no odor, scattered fair fluorescence, fair cut

limestone a.a., one piece slight show free oil on break, 30 min sample grades to limestone, cream to light gray, cryptocrystalline, fossiliferous to lithographic, dense, no visible porosity, show drops out, 60 min a.a.

Stark 4385 -1067
 black carbonaceous shale, with gray and red shale, some lavender shale and siltstone

limestone, variable gray, cryptocrystalline, fossiliferous to lithographic, some arenaceous, mostly dense, no shows

4440 flood red gray and maroon shales

4450 sample - limestone, cream, cryptocrystalline, oolitic to bioclastic, with lithographic limestones, poor visible porosity, barren

starting 4460, a.a. with: limestone, light gray, recrystallized oolitic to bioclastic/fossiliferous, some pin-point porosity, spotty to fair saturated stain, slight show gas, slight show heavy tarry/clingy oil, spotty light fluorescence, good cut, no odor

4570 and 75 samples, a.a., questionable fleeting odor in 4470 sample, some orange cherts, very sparse shales in these samples

30 min sample, influx darker gray limestones, fossiliferous, dense, some gray shale and siltstone

Base KC 4471 -1153
 4490 sample - abundant red silty shale and limestones a.a.

4500 sample - light gray silty to limey shale and light gray limestone, cryptocrystalline, lithographic to argillaceous

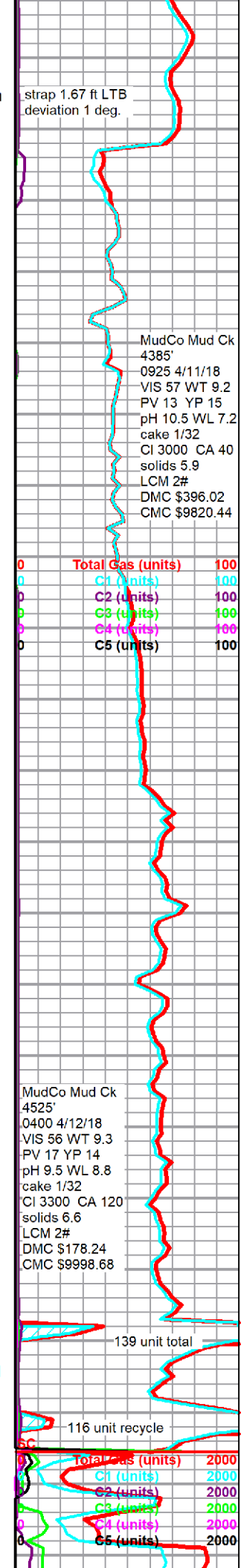
Marmaton 4484 -1166
 4507 sample - limestone, white to olive gray, fossiliferous and oolitic, grainy, dense to chalky, poor visible porosity, abundant chalk in samples, no shows

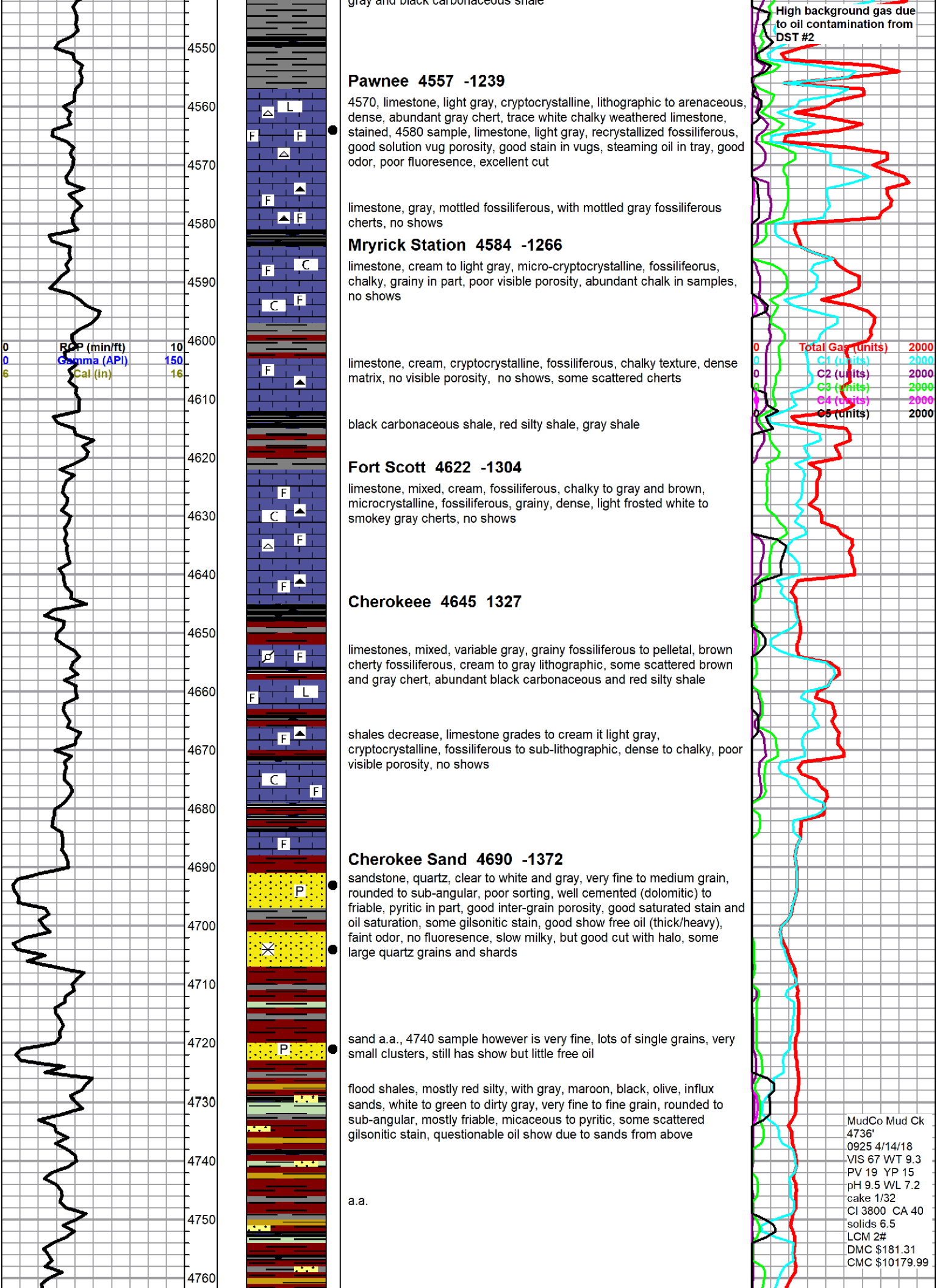
limestone, white to gray, oolitic to bioclastic, some coral frags, few scattered stained specimens, bleeding some gas, slight oil show on break, no odor, good fluorescence and good cut

limestone, white to tan, dense recrystallized and friable chalky bioclastic/fossiliferous, some secondary calcite, slight pinpoint and framework porosity, very slight stain in wet samples, good show free oil in tray, weak odor, spotty fluorescence, excellent cut, abundant chalk - dry samples show saturated brown stain

poor samples, trip trash, but abundant gray dense lithographic and fossiliferous limestones

gray and black carbonaceous shale





Pawnee 4557 -1239

4570, limestone, light gray, cryptocrystalline, lithographic to arenaceous, dense, abundant gray chert, trace white chalky weathered limestone, stained, 4580 sample, limestone, light gray, recrystallized fossiliferous, good solution vug porosity, good stain in vugs, steaming oil in tray, good odor, poor fluorescence, excellent cut

limestone, gray, mottled fossiliferous, with mottled gray fossiliferous cherts, no shows

Mryrick Station 4584 -1266

limestone, cream to light gray, micro-cryptocrystalline, fossiliferous, chalky, grainy in part, poor visible porosity, abundant chalk in samples, no shows

limestone, cream, cryptocrystalline, fossiliferous, chalky texture, dense matrix, no visible porosity, no shows, some scattered cherts

black carbonaceous shale, red silty shale, gray shale

Fort Scott 4622 -1304

limestone, mixed, cream, fossiliferous, chalky to gray and brown, microcrystalline, fossiliferous, grainy, dense, light frosted white to smokey gray cherts, no shows

Cherokee 4645 1327

limestones, mixed, variable gray, grainy fossiliferous to pelletal, brown cherty fossiliferous, cream to gray lithographic, some scattered brown and gray chert, abundant black carbonaceous and red silty shale

shales decrease, limestone grades to cream to light gray, cryptocrystalline, fossiliferous to sub-lithographic, dense to chalky, poor visible porosity, no shows

Cherokee Sand 4690 -1372

sandstone, quartz, clear to white and gray, very fine to medium grain, rounded to sub-angular, poor sorting, well cemented (dolomitic) to friable, pyritic in part, good inter-grain porosity, good saturated stain and oil saturation, some gilsonitic stain, good show free oil (thick/heavy), faint odor, no fluorescence, slow milky, but good cut with halo, some large quartz grains and shards

sand a.a., 4740 sample however is very fine, lots of single grains, very small clusters, still has show but little free oil

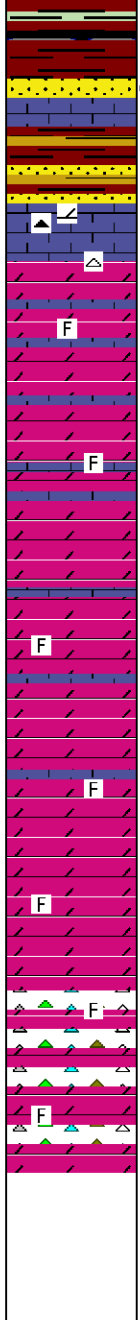
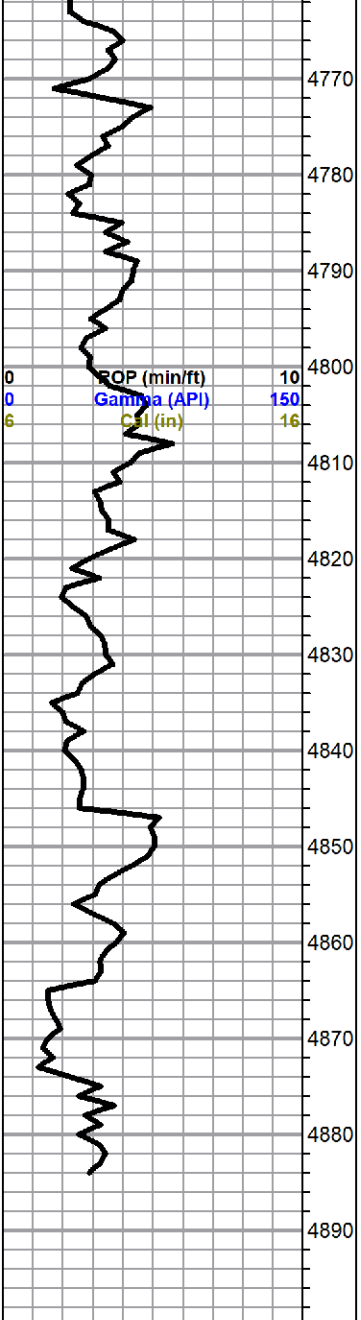
flood shales, mostly red silty, with gray, maroon, black, olive, influx sands, white to green to dirty gray, very fine to fine grain, rounded to sub-angular, mostly friable, micaceous to pyritic, some scattered gilsonitic stain, questionable oil show due to sands from above

a.a.

High background gas due to oil contamination from DST #2

Total Gas (Units)	2000
C1 (units)	2000
C2 (units)	2000
C3 (units)	2000
C4 (units)	2000
C5 (units)	2000

MudCo	Mud Ck
4736'	
0925 4/14/18	
VIS 67	WT 9.3
PV 19	YP 15
pH 9.5	WL 7.2
cake 1/32	
CI 3800	CA 40
solids 6.5	
LCM 2#	
DMC \$181.31	
CMC \$10179.99	



4790 sample, influx medium grain quartz sand, rounded, fair to poor sorting, well cemented, glauconitic, some black staining with show of oil, but may be from above, influx limestone, cream, sub-lithographic, dense

Mississippian 4784 -1466

limestone, gray and maroon mottled, dolomitic, fine crystalline, dense, with multicolored chert

dolomite, gray to olive gray, microcrystalline, sub-lithographic to arenaceous, limestone, dolomitic, gray to olive gray, recrystallized fossiliferous to arenaceous, dense, poor visible porosity, no shows

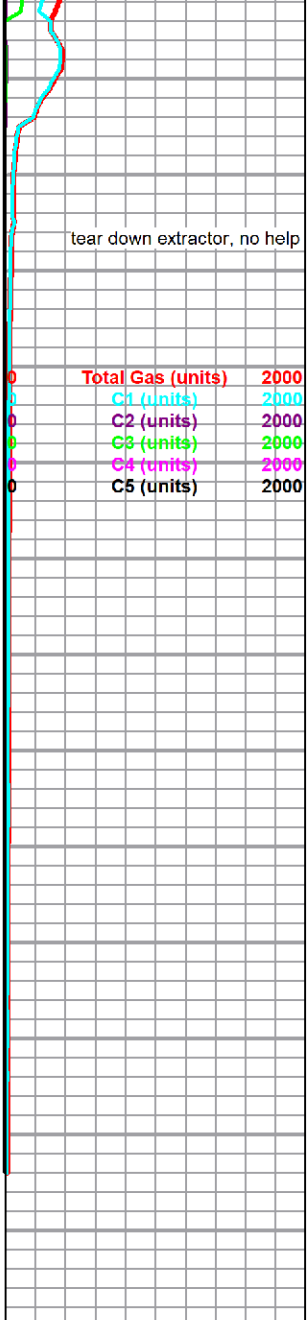
a.a., dolomite increasing, with influx dolomite, mottled gray/olive, microcrystalline, sub-sucrosic, altered/recrystallized fossiliferous, poor visible porosity, no shows

dolomite, grading to dark gray mottled, microcrystalline, altered/recrystallized fossiliferous, some large clasts, some sub-sucrosic, poor visible porosity, no shows

4880 sample, dolomite, variable gray, mottled, microcrystalline, fossiliferous, arenaceous, dense, no shows

dolomite, gray and tan mottled, microcrystalline, altered/recrystallized fossiliferous, sub-sucrosic, gray to tan and white mottled fossiliferous cherts, some sub-tripolitic, no shows

rotary TD 4884 ft 1255 hrs 4/13/18



tear down extractor, no help

Slawson Exploration

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
04/09/2018	3815	drilling ahead Wabaunsee, wiper trip @ 4000', drill ahead, Topeka
04/10/2018	4258	drilling ahead Oread, Heebner, Lansing, show in H zone warrants test, conduct short trip, ctch, TOH w/bit, conduct DST #1
04/11/2018	4359	complete DST #2, successful test, TOH w/bit, in w/tools, resume drilling lower LKC, BKC, Marmaton, show and gas kick in 2nd Marmaton break warrants test, TOH w/bit
04/12/2018	4525	finish TOH w/bit, TIH w/tools, conduct and complete DST #2, successful test, back in hole w/bit, resume drilling, Pawnee, Myrick Station, Ft. Scott Cherokee
04/13/2018	4786	drilling ahead, Cherokee, Mississippian, TD 4884 ft @ 1255 hrs. CFS, short trip, ctch, TOH w/bit, conduct open hole logging operations,

Slawson Exploration

well comparison sheet

DRILLING WELL					COMPARISON WELL			
Kriss #1-33 449' FNL & 1000' FWL Sec 33-T6S-R35W					LD Drilling - Jerry #1-29 965' FSL & 491' FEL Sec 29-T6S-R35W			
3318 KB					3312 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Stotler	3838	-520			3832	-520	0	
Topeka	4023	-705			4009	-697	-8	
Oread	4118	-800			4115	-803	3	
Heebner	4140	-822			4140	-828	6	
Toronto	4174	-856			4177	-865	9	
Lansing	4191	-873			4190	-878	5	
Lansing C	4235	-917			4236	-924	7	
Lansing F	4273	-955			4275	-963	8	
Muncie Creek	4306	-988			4310	-998	10	
Stark Shale	4385	-1067			4384	-1072	5	
Base KC	4471	-1153			4467	-1155	2	
Marmaton	4484	-1166			4485	-1173	7	
Pawnee	4557	-1239			4557	-1245	6	
Myrick Station	4584	-1266			4585	-1273	7	
Fort Scott	4622	-1304			4622	-1310	6	
Cherokee	4645	-1327			4650	-1338	11	
Cherokee Sand	4690	-1372			4708	-1396	24	
Mississippian	4784	-1466			4790	-1478	12	
Total Depth	4884	-1566			4900	-1588	22	

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