

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1372642
OIL & GAS CONSERVATION DIVISION

Form ACO-1
November 2016

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: _____

1372642



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

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

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

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

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Geologist Report / Mud Logs	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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)</i>			PRODUCTION INTERVAL: Top _____ Bottom _____	

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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Form	ACO1 - Well Completion
Operator	Black Stone Petroleum LLC
Well Name	SWOB 2
Doc ID	1372642

All Electric Logs Run

Dual Ind
Micro
Porosity
Sonic



Company _____ Lease & Well No. _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ Range _____ County _____ State _____
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft
Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
Packer Depth _____ ft. Size _____ in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ psi.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor _____ Drill Collar Length _____ ft I.D. _____ in.
Mud Type _____ Viscosity _____ Weight Pipe Length _____ ft I.D. _____ in.
Weight _____ Water Loss _____ cc. Drill Pipe Length _____ ft I.D. _____ in.
Chlorides _____ P.P.M. Test Tool Length _____ ft Tool Size _____ in.
Jars: Make _____ Serial Number _____ Anchor Length _____ ft. Size _____ in.
Did Well Flow? _____ Reversed Out _____ Surface Choke Size _____ in. Bottom Choke Size _____ in.
Main Hole Size _____ in. Tool Joint Size _____ in.

Blow: _____

Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) _____ Time Started off Bottom _____ Maximum Temperature _____
Initial Hydrostatic Pressure.....(A) _____ P.S.I.
Initial Flow Period.....Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period.....Minutes _____ (D) _____ P.S.I.
Final Flow Period.....Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period.....Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure.....(H) _____ P.S.I.

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313

DIAMOND TESTING



TEST INFORMATION

Well Name	SWOB #2
Company Name	Black Stone Petroleum, LLC
Formation	DST #1, Reagan, 3585'-3608' (3736' LTD)
Test Type	Tailpipe Straddle w/J, SJ, 7 3/8" pkrs
Surface Location	Sec 26-18s-16w-Rush Co.-KS
KB Elevation (SL)	1983.000
Gauge Name	5951
Start Test Date	2017/06/25
Start Test Time	15:13:00
Final Test Date	2017/06/26
Final Test Time	02:40:00
Job Number	F485
Contact	Blake Nelson
Site Contact	Chris Leiker

TEST RESULTS

Initial flow, opened tool repeatedly on bridge ~130' off bottom, ran IF & IS on bridge, re-open tool and fell through bridge, set tool on bottom.
Final flow, BOB in 2 minutes 20 seconds. No blow back.

TOTAL RECOVERED FLUID: 1255'

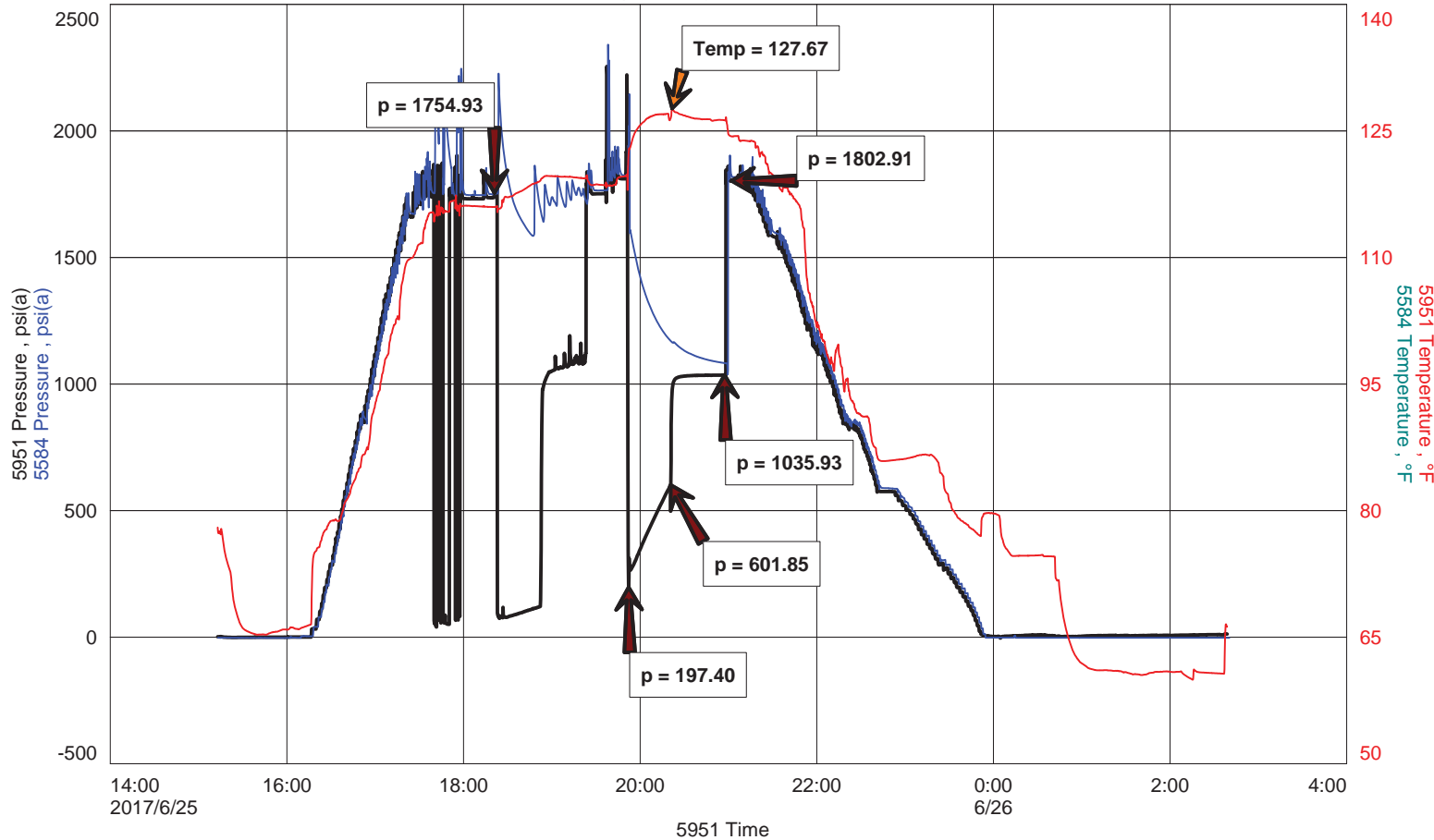
270'	HWCM	50% wtr, 50% mud
90'	MCW w/trace oil show	<1% oil, >80% wtr, 20% mud
895'	Water	100% wtr

----- Chlorides: 60,000 PPM ----- PH: 7.0 ----- RW: .15 ohm @ 60 F -----

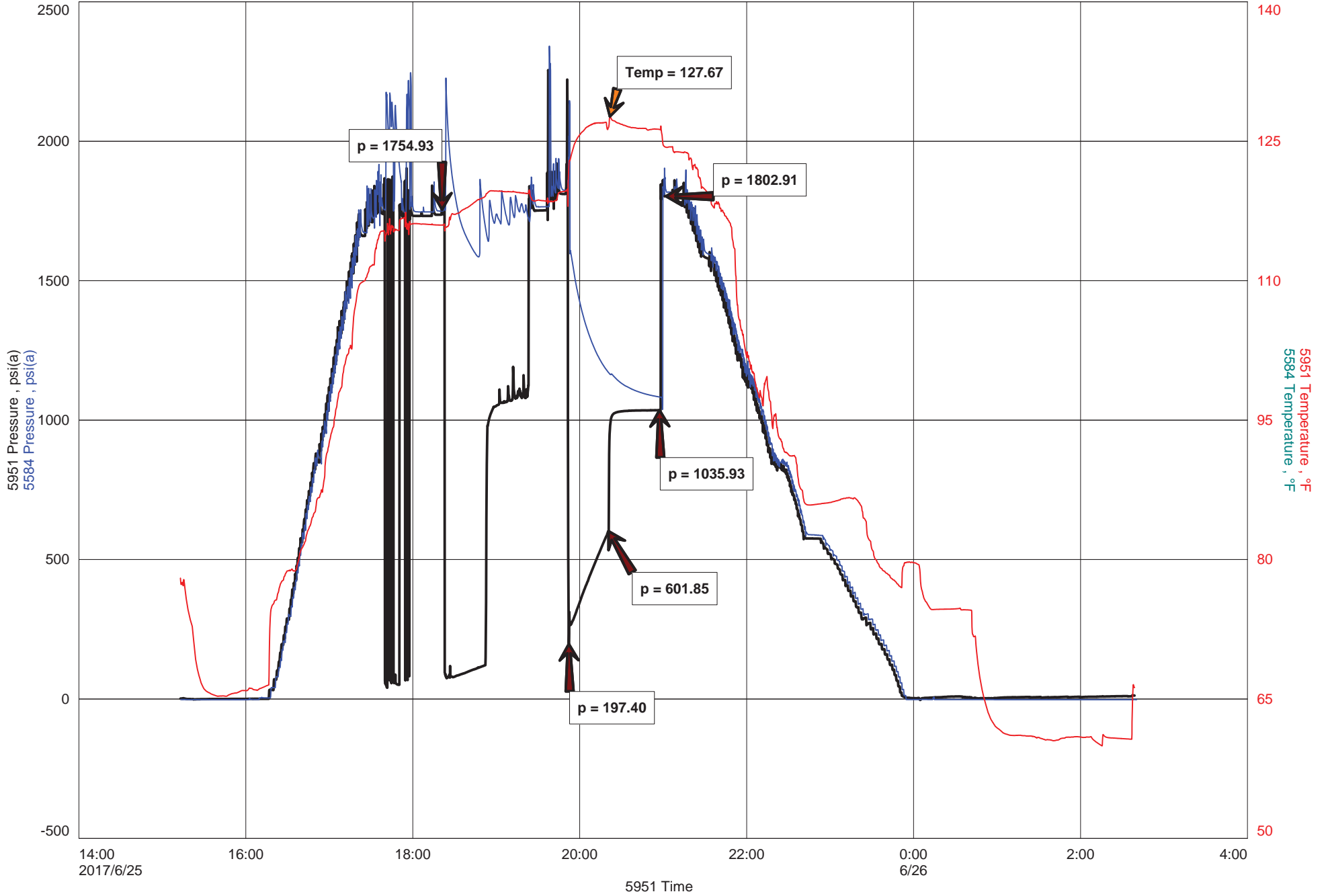
Black Stone Petroleum, LLC
DST #1 Reagan 3585'-3608' (3736' LTD)
Start Test Date: 2017/06/25
Final Test Date: 2017/06/26

SWOB #2
Formation: DST #1 Reagan 3585'-3608' (3736' LTD)
Pool: Infield
Job Number: F485

SWOB #2



SWOB #2



COPELAND

Acid & Cement

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620)

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

Page: 1

INVOICE NUMBER:
C45135-IN

BILL TO:

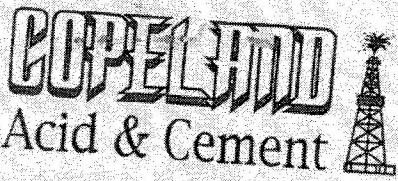
BLACK STONE PETROLEUM, LLC
 363 N. VASSAR ST.
 WICHITA, KS 67208

LEASE: SWOB #2

PAID
 PAID JUL 14 2017 PAID
 BY: 5013

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
06/29/2017	C45135		06/22/2017		NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
16.00	MI	MILEAGE PICKUP TRUCK		0.00	2.00	32.00
16.00	MI	MILEAGE CEMENT PUMP TRUCK		0.00	4.00	64.00
1.00	EA	PUMP CHARGE - SURFACE PIPE		0.00	1,100.00	1,100.00
1.00	EA	10 3/4" X 8 5/8" SWEDGE		0.00	750.00	750.00
330.00	SK	65/35 POZ 6% GEL MIX		0.00	10.75	3,547.50
17.00	SK	GEL		0.00	22.00	374.00
250.00	SK	60/40 POZ 2% GEL MIX		0.00	10.75	2,687.50
30.00	SK	COMMON CEMENT		0.00	30.00	900.00
1.00	EA	7" SWEDGE - RENTAL (6/26/17)		0.00	150.00	150.00
627.00	EA	BULK CHARGE		0.00	1.25	783.75
433.92	MI	BULK TRUCK - TON MILES		0.00	1.10	477.31
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		10,866.06
RECEIVED BY _____		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		RUHCO Sales Tax:		71.50
		NET 30 DAYS		Invoice Total:		<u>10,937.56</u>

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas



FIELD ORDER N° C 45135

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

IS AUTHORIZED BY: Blackstone Pump DATE 6-22 2017

Address _____ (NAME OF CUSTOMER) _____

To Treat Well _____ City _____ State _____
As Follows: Lease SWAB

Sec. Twp. _____ Well No. 2 Customer Order No. _____
Range 36-185-160

County Rush State Ks.

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction if our invoicing department in accordance with latest published price schedules.
The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

		Well Owner or Operator	By	Agent	
CODE	QUANTITY	DESCRIPTION		UNIT COST	AMOUNT
2	16	Mileage Pickup		1.00	32.00
2	16	Mileage Pump Truck		4.00	64.00
2	1	Pump Truck		1100.00	1100.00
2	1	16 3/4 x 2 3/4 SWELON		750.00	750.00
2	330 ea	65x35 POC 670-20 CC			
2	17 ea	GC		10.75	3547.50
2	250 ea	60-42 POC 27-6-1 37 CC		28.90	374.50
2	30 ea	GC		10.75	2627.50
				30.00	900.00
2	1	Rent 7" surdye 6-26-17			150.00
2	657 ea	Bulk Charge			
2	16	Bulk Truck Miles 97.19 = 483.93 @ 1.10		1.05	753.75
		Process License Fee on			477.31
		Gallons			
TOTAL BILLING					10866.00

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative Dwain Brazek

Station Fort Bend, Ks.

Remarks _____ CHRIS L.
Well Owner, Operator or Agent

NET 30 DAYS

COPELAND

Acid & Cement

BURTON, KS (620) 463-5161
 FAX (620) 463-2104

GREAT BEND, KS (620) 793-3366
 FAX (620)

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

Page: 1

INVOICE NUMBER:
C45136-IN

BILL TO:

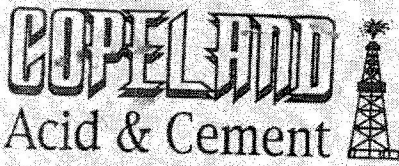
BLACK STONE PETROLEUM, LLC
 363 N. VASSAR ST.
 WICHITA, KS 67208

LEASE: SWOB #2

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
06/30/2017	C45136		06/29/2017		NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
16.00	MI	MILEAGE PICKUP TRUCK		0.00	2.00	32.00
16.00	MI	MILEAGE PUMP TRUCK		0.00	4.00	64.00
1.00	EA	PUMP CHARGE - ACID		0.00	550.00	550.00
250.00	GAL	15% REGULAR ACID		0.00	1.08	270.00
183.00	GAL	DYED DIESEL		0.00	1.93	353.19
2.00	GAL	HYFLO		0.00	31.00	62.00
2.00	GAL	CLAY STAY		0.00	28.50	57.00
2.00	GAL	ANTI-SLUDGE		0.00	28.50	57.00
1.00	GAL	CORROSION INHIBITOR		0.00	45.00	45.00
2.00	GAL	KCL - LIQUID		0.00	28.50	57.00
1.00	EA	TUBING SWIVEL		0.00	350.00	350.00
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		1,897.19
RECEIVED BY		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		RUHCO Sales Tax:		58.50
		NET 30 DAYS		Invoice Total:		1,955.69

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service
 Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.



FIELD ORDER N° C 45136

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

DATE 6-29 20 17

IS AUTHORIZED BY: Blackstone, Platinum
(NAME OF CUSTOMER)
Address _____ City _____ State _____
To Treat Well _____
As Follows: Lease SWDA Well No. 2 Customer Order No. _____
Sec. Twp. _____
Range _____ County Rush State Ks.

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.
The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

Well Owner or Operator _____ By _____ Agent _____

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
3	14	Mileage Pickup	2.00	28.00
3	16	Mileage Pump Truck	4.00	64.00
3	1	Pump Chg Acid	550.00	550.00
3	250 gal	15W Reg.	1.08	270.00
3	188 gal	15W Diesel	1.93	362.84
3	2 gal	Hydro	31.00	62.00
3	2 gal	CLAY STAY	28.50	57.00
3	2 gal	ANTI-SLUDGE	28.50	57.00
3	1 gal	CONDENSIO Inhibitor	45.00	45.00
3	2 gal	KCl	28.50	57.00
1	1	Tubing swivel	330.00	330.00
		Bulk Charge		
		Bulk Truck Miles		
		Process License Fee on _____ Gallons		
TOTAL BILLING				1897.19

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative Duane T. Pappas

Station Em. Beard, Ks.

DAVIS
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS



TREATMENT REPORT

Acid Stage No.

Date: 1-29-77 District: St. Paul F. O. No. 45126
 Company: STANLEY
 Well Name & No.: 222
 Location: _____ Field: _____
 County: RUSH State: KS

Type Treatment: Amt. Type Fluid Sand Size Pounds of Sand
 Bkdown: _____ Bbl./Gal. _____
 _____ Bbl./Gal. _____
 _____ Bbl./Gal. _____
 _____ Bbl./Gal. _____
 Flush: _____ Bbl./Gal. _____
 Treated from: _____ ft. to _____ ft. No. ft. _____
 from: _____ ft. to _____ ft. No. ft. _____
 from: _____ ft. to _____ ft. No. ft. _____

Casing: Size 7 Type & Wt. _____ Set at 3418 ft.
 Formation: _____ Perf. _____ to _____
 Formation: _____ Perf. 386 to 394
 Formation: _____ Perf. _____ to _____
 Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.
 Cemented: Yes/No _____ Perforated from _____ ft. to _____ ft.
 Tubing: Size & Wt. _____ Swung at _____ ft.
 Perforated from _____ ft. to _____ ft.
 Open Hole Size _____ T.D. _____ ft. P.L. to _____ ft.

Actual Volume of Oil/Water to Load Hole: _____ Bbl./Gal.
 Pump Trucks: No. Used: Std. 300 Sp. _____ Twin _____
 Auxiliary Equipment WATER TANK
 Packer: _____ Set at _____ ft.
 Auxiliary Tools _____
 Plugging or Sealing Materials: Type _____

Company Representative: CHRIS Treater: DUANE

TIME a.m./p.m.	PRESSURES		Total Fluid Pumped	REMARKS
	Tubing	Casing		
1:00				START OF
1:05				SPILL HOLE
1:10				WELL STOPPED
1:15	1500		5	Submerg. Tool. 3549' 34.5 PM
1:20	1000		8	3519' 1 PM
1:25	1500		10	3527' 1 PM
1:30	750		8	3517' 1 PM
1:35	500		5	3540' 1 PM
1:40	750		5	3545' 1 PM
1:45	1500		5	3590' 1 PM
1:50	1000		5	3591' 1 PM
1:55	1000		5	3590' 1 PM
2:00	700		3	3589' 1 PM
2:05	1000		4	3588' 1 PM
2:10	1000		4	3587' 1 PM
2:15	1000		4	3586' 1 PM
2:20				WELL STOPPED
2:25				WELL COMPLETE
2:30				THANK YOU

COPELAND

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

Acid & Cement

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620)

INVOICE NUMBER:
C45197-IN

BILL TO:

BLACK STONE PETROLEUM, LLC
 363 N. VASSAR ST.
 WICHITA, KS 67208

LEASE: SWOB #2

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
06/30/2017	C45197		06/30/2017		NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
20.00	MI	MILEAGE PUMP TRUCK		0.00	4.00	80.00
1.00	EA	PUMP CHARGE - ACID		0.00	550.00	550.00
1,000.00	GAL	7.5% MCA		0.00	0.80	800.00
2.00	GAL	CORROSION INHIBITOR		0.00	40.00	80.00
3.00	GAL	CLAY-PLEX		0.00	26.00	78.00
3.00	GAL	ANTI-SLUDGE		0.00	23.50	70.50
2.00	GAL	KCL - LIQUID		0.00	23.50	47.00
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		1,705.50
RECEIVED BY		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		RUHCO Sales Tax:		92.82
		NET 30 DAYS		Invoice Total:		1,798.32

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas



FIELD ORDER N° C 45197

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

IS AUTHORIZED BY: Blackstone Petroleum

DATE 6/30 2017

Address _____ (NAME OF CUSTOMER)
City _____ State _____

To Treat Well _____
As Follows: Lease Swch Well No. 42 Customer Order No. _____

Sec. Twp. _____
Range _____ County Rush State Ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.
The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

Well Owner or Operator

By

Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
3	20 miles	mileage charge	4.00	80.00
3		New Pump Charge		550.00
3	1000 gals	2 1/2 % Z men	.80	800.00
3	2 gals	Corrosion Inhibitor	40.00	80.00
3	3 gals	Clay Ploy	26.00	78.00
3	3 gals	ANTI Sludge	23.50	70.50
3	2 gals	KCL	23.50	47.00
		Bulk Charge		
		Bulk Truck Miles		
		Process License Fee on _____ Gallons		
TOTAL BILLING				1705.50

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative Tu Decker

Station AB

Gerard Achate
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

GLOBAL OIL FIELD SERVICES, LLC

Invoice

24 S. Lincoln
RUSSELL, KS 67665

Date	Invoice #
7/6/2017	2988

Bill To
BLACK STONE PETROLEUM LLC 363 N VASSAR ST WICHITA, KS 67208-3220

22

P.O. No.	Terms	Project
SWOB#2	Due on receipt	

Quantity	Description	Rate	Amount
350	CLASS H CEMENT	19.75	6,912.50
6	CALCIUM	59.00	354.00
356	HANDLING	1.90	676.40
	BULK MILEAGE	890.00	890.00
1	TRI-PLEX PUMP CHARGE FOR SQUEEZE	850.00	850.00
25	PUMP TRUCK MILEAGE	7.00	175.00
25	PICKUP FOR TRANSPORTATION OF GOODS TO JOB SITE	3.00	75.00
	DEDUCT 20% FROM TOTAL IF PAID WITHIN 15 DAYS OF INVOICE new sales tax rate as of 7-1-2015	8.50%	0.00
<p><i>Handwritten:</i> Paid 7/11/17</p> <p><i>Handwritten:</i> 7,946.32</p>			
Thank you for your business.		Total	\$9,932.90

GLOBAL OIL FIELD SERVICES, LLC

Invoice

24 S. Lincoln
RUSSELL, KS 67665

Date	Invoice #
7/6/2017	2989

Bill To
BLACK STONE PETROLEUM LLC 363 N VASSAR ST WICHITA, KS 67208-3220

CC

P.O. No.	Terms	Project
SWOB #2	Due on receipt	

Quantity	Description	Rate	Amount
50	CLASS H CEMENT	19.75	987.50
50	HANDLING	1.90	95.00
	BULK MILEAGE	125.00	125.00
1	TRI-PLEX PUMP CHARGE FOR SQUEEZE	850.00	850.00
25	PUMP TRUCK MILEAGE	7.00	175.00
25	PICKUP FOR TRANSPORTATION OF GOODS TO JOB SITE	3.00	75.00
	DEDUCT 15% FROM TOTAL IF PAID WITHIN 15 DAYS OF INVOICE new sales tax rate as of 7-1-2015	8.50%	0.00
<p><i>paid \$1,961.38</i></p> <p><i>7/11/17</i></p>			
Thank you for your business.			Total \$2,307.50

GLOBAL OIL FIELD SERVICES, LLC

Invoice

24 S. Lincoln
RUSSELL, KS 67665

Date	Invoice #
8/21/2017	3060

Bill To
BLACK STONE PETROLEUM LLC 1041 N WHITE TAIL CT WICHITA, KS 67206

22

P.O. No.	Terms	Project
SWOB#2	Due on receipt	

Quantity	Description	Rate	Amount
10	MICRO FINE CEMENT	250.00	2,500.00
25	COMMON	16.00	400.00
35	HANDLING	1.90	66.50
	BULK MILEAGE	150.00	150.00
1	TRI-PLEX PUMP CHARGE FOR SQUEEZE	850.00	850.00
25	PUMP TRUCK MILEAGE	7.00	175.00
25	PICKUP FOR TRANSPORTATION OF GOODS TO JOB SITE	3.00	75.00
	DEDUCT 15% FROM TOTAL IF PAID WITHIN 15 DAYS OF INVOICE new sales tax rate as of 7-1-2015	8.50%	0.00
43,584.03			
Please remit to above address.		Total	\$4,216.50



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: SWOB #2
Well Id:
Location: 1095' FSL & 970' FWL SEC. 26 - T 18S - R 16W
License Number: 15-165-22145
Spud Date: 4/13/2017
Surface Coordinates:
Region: RUSH CO., KS
Drilling Completed: 07-02-17

Bottom Hole
Coordinates:
Ground Elevation (ft): 1,974' K.B. Elevation (ft): 1,983'
Logged Interval (ft): 1500 To: TD Total Depth (ft): 3,736'
Formation: REAGAN SAND
Type of Drilling Fluid: CHEMICAL MUD

Printed by StripLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: BLACKSTONE PETROLEUM LLC
Address: 363 N VASSAR ST
WICHITA, KANSAS 67208

GEOLOGIST

Name: Chris Leiker
Company: Black Stone Petroleum
Address: 2542 North Longfellow wichita KS 67226

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst

- Coal
- Congl
- Dol
- Gyp
- Igne

- Lmst
- Meta
- Mrlst
- Salt
- Shale

- Shcol
- Shgy
- Sltst
- Ss
- Till

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite

- Plant
- Strom

MINERAL

- Oolitic
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr

- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

STRINGER

- Anhy
- Arg
- Bent

OTHER SYMBOLS

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

OIL SHOW

- Oil
- Spotted
- Ques
- Oil-gas
- Gas
- Tar

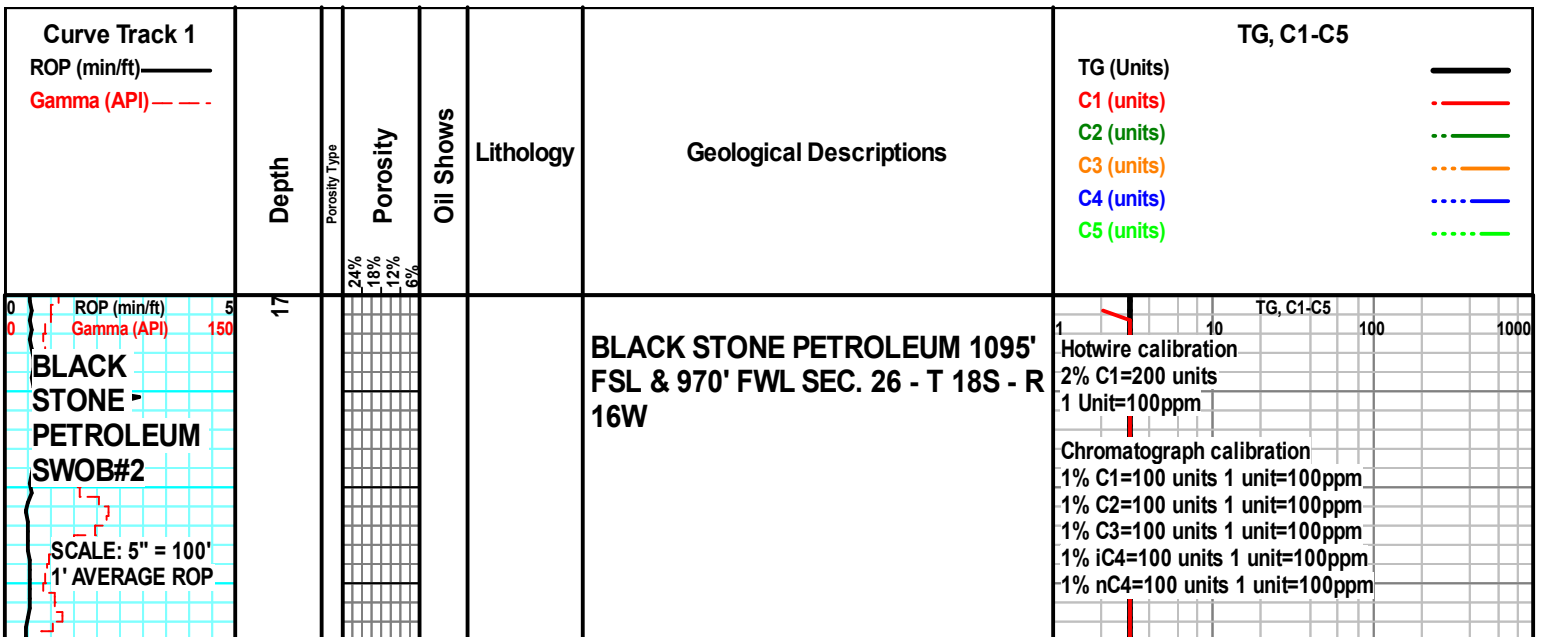
- Dst

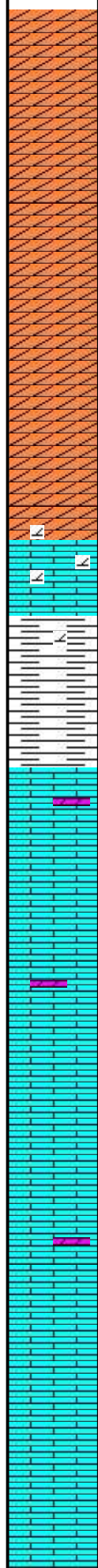
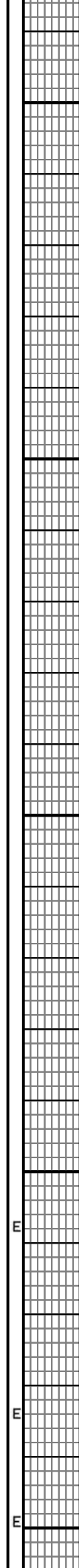
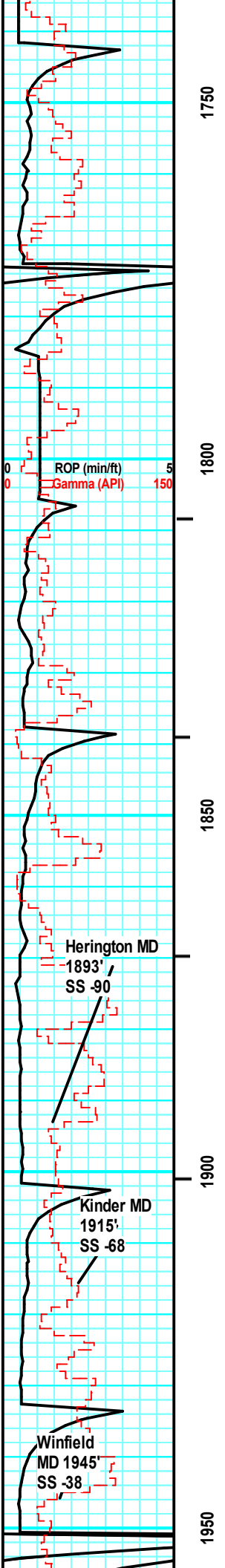
EVENT

- Connection
- Rft
- Sidewall

INTERVAL

- Core





ANHYDRITE, clr, wht, SHALE red, grey, silty sandy in part,

AA

AA

LIMESTONE, dolomitic, grey, firm, vf - med grn, NO SHOW, NO FLUORESENCE, NO ODOR, (NSFO)

LIMESTONE, dolomitic, grey, firm, very fine - medium grain, NSFO

LIMESTONE, dolomitic, some greyish brown, grey, firm, very fine - medium grain, NSFO

LIMESTONE, dolomite greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, some pinpoint porosity, NSFO

CFS Sample Limestone and Dolomite as above, with rare dull vello Fluoresence. NO Show. No

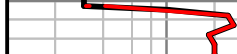
Geologist on location ON 06/29/2017

HW = Black
 C1 = Blue
 C2 = Yellow
 C3 = Green
 iC4 = Red
 nC4 = Orange

1 10 100 1000
 TG, C1-C5

Checked the extractor at flow line no indication of malfunction. Bubbles were present in the antifreeze bowl.

Checked the extractor at flow line no indication of malfunction. Bubbles were present in the antifreeze bowl. Lowered extractor still no change in gas response.



Gas Bubbles, No Odor

LIMESTONE, dolomitic, tan, cream, greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, sm fossil fragments, some pinpoint porosity, NSFO

LIMESTONE, dolomite greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, some pinpoint porosity, NSFO

LIMESTONE, dolomite greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, some pinpoint porosity, NSFO

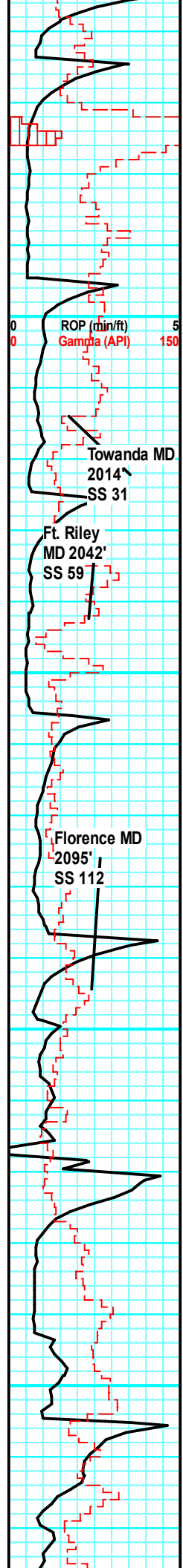
LIMESTONE, dolomite greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, some pinpoint porosity, NSFO

LIMESTONE, dolomite greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, some pinpoint porosity, NSFO

Adjusted extractor height and performed trap test. Functioning properly.

TG, C1-C5

1 10 100 1000

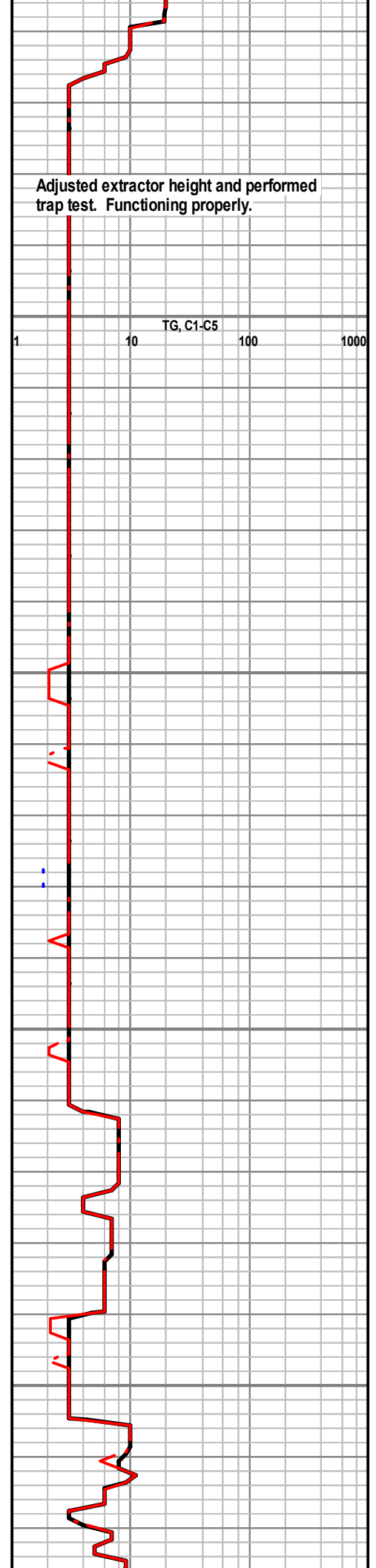
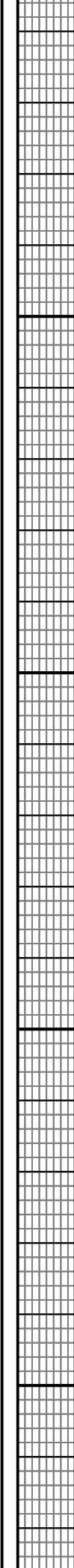


2000

2050

2100

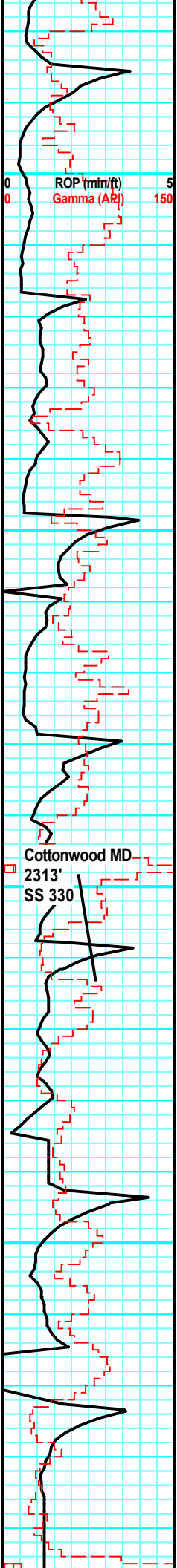
2150



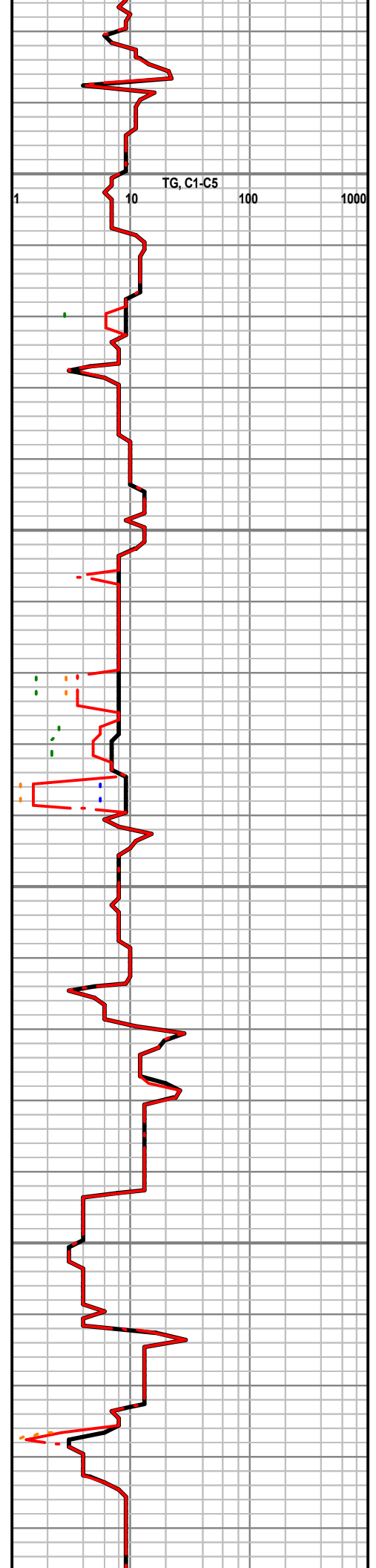
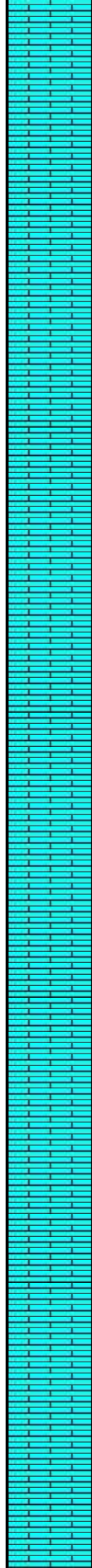
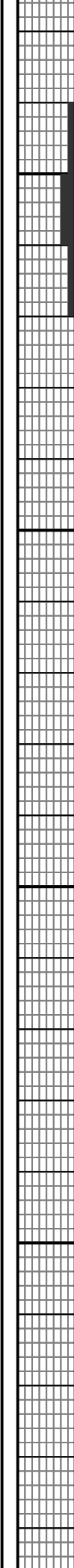
LIMESTONE, dolomite greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, some pinpoint porosity, NSFO

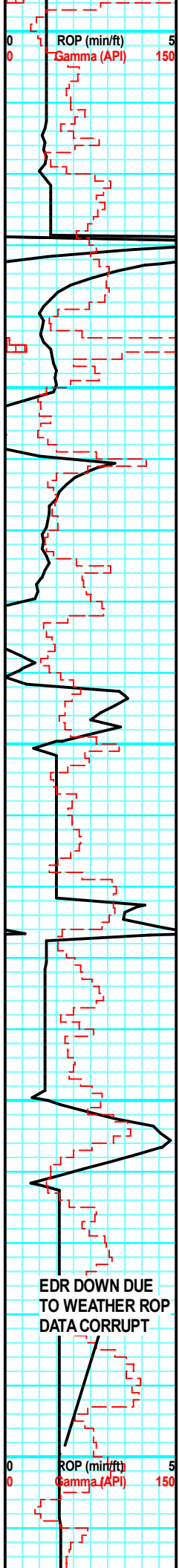
LIMESTONE, dolomite greyish brown, grey, some darker grey pelloids, firm, very fine - medium grain, some pinpoint porosity, NSFO

Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, poor porosity, oil smell.

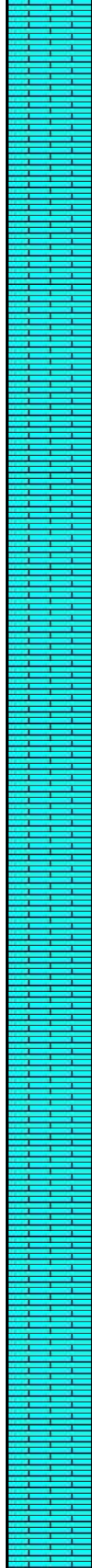
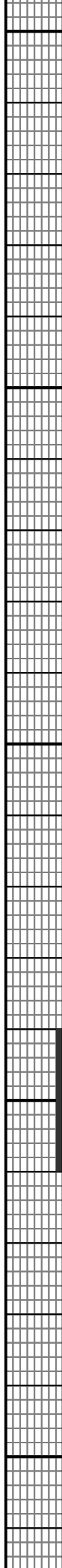


2200
2250
2300
2350





2400
2450
2500
2550
2600

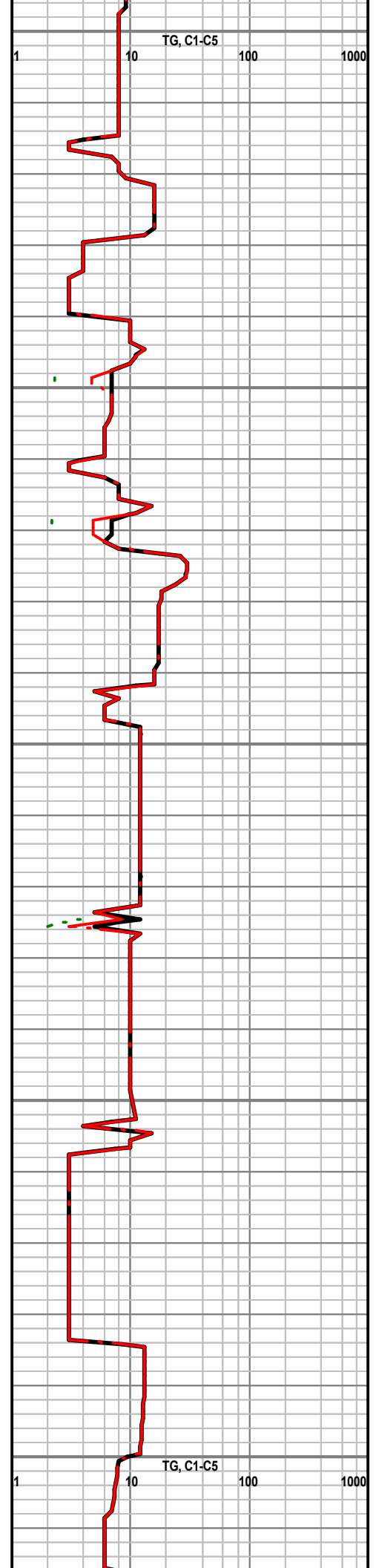


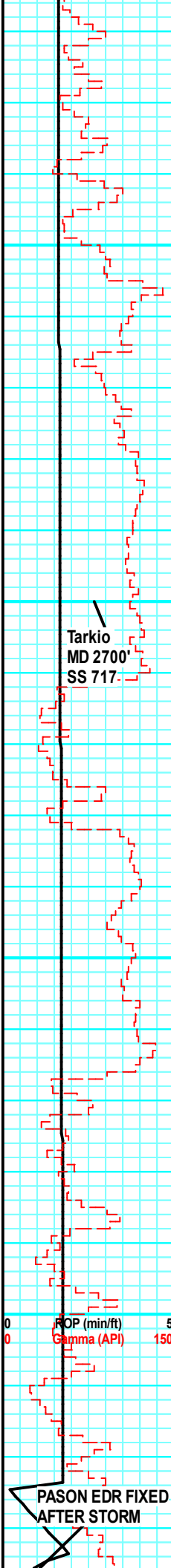
Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, poor porosity, oil show.

Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, poor porosity, oil show.

Limestone, Shale stained lime, no shows

Trash sample



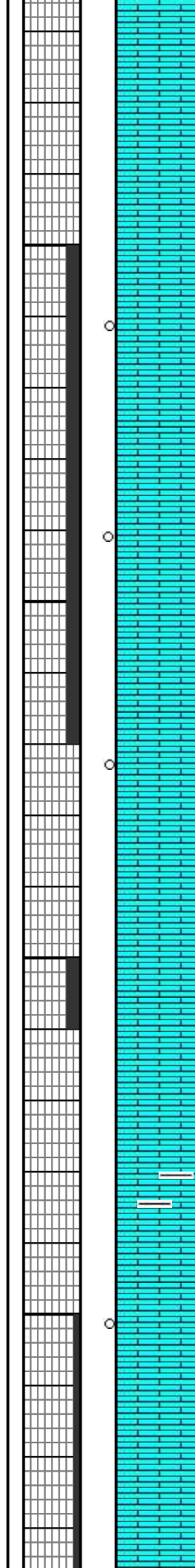


2650
2700
2750
2800

Tarkio
MD 2700'
SS 717

ROP (min/ft) 5
Gamma (API) 150

PASON EDR FIXED
AFTER STORM



Cherty Limestone

Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, good porosity, oil show. Moderate oil smell.

Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, good porosity, oil show.

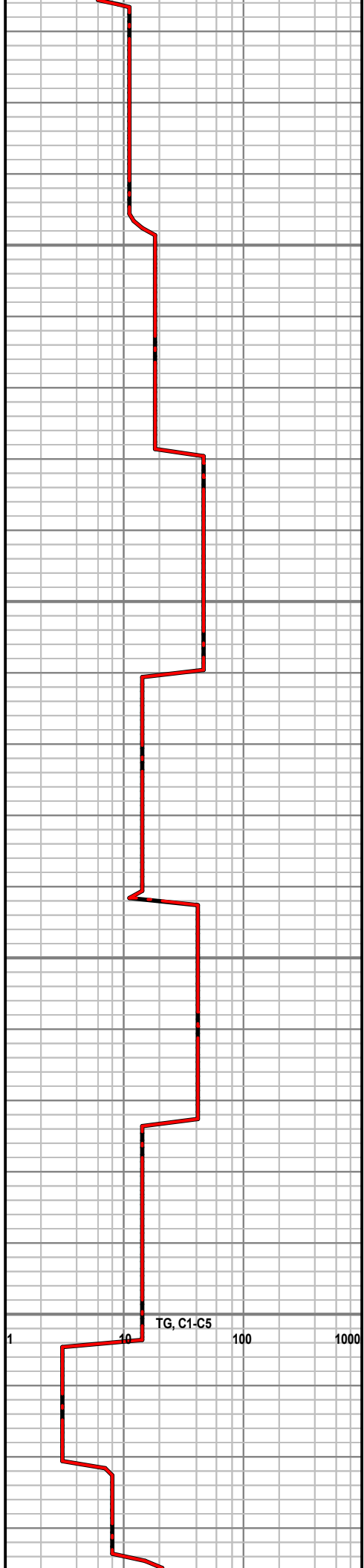
Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, good porosity, oil show.

Limestone, shale

Trash sample

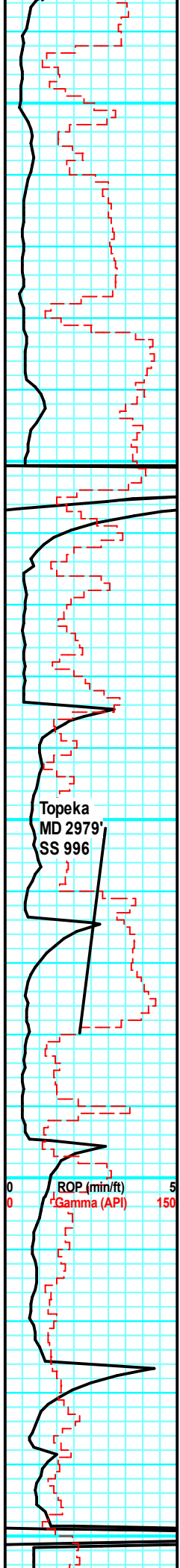
Limestone, soft gummy

Limestone, dead oil



TG, C1-C5

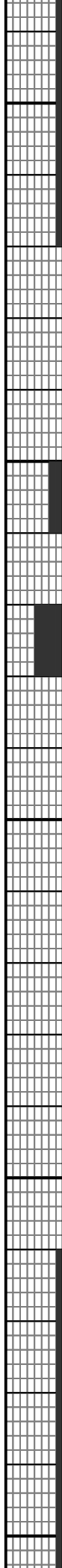
1 10 100 1000



2850
2900
2950
3000
3050

Topeka
MD 2979'
SS 996

ROP (min/ft) 5
Gamma (API) 150



Limestone, dolomitic, greyish brown, grey. no shows

P Limestone, pyrite, oil stain

O Limestone, dead oil stain

Limestone, dolomitic, greyish brown, grey, no show.

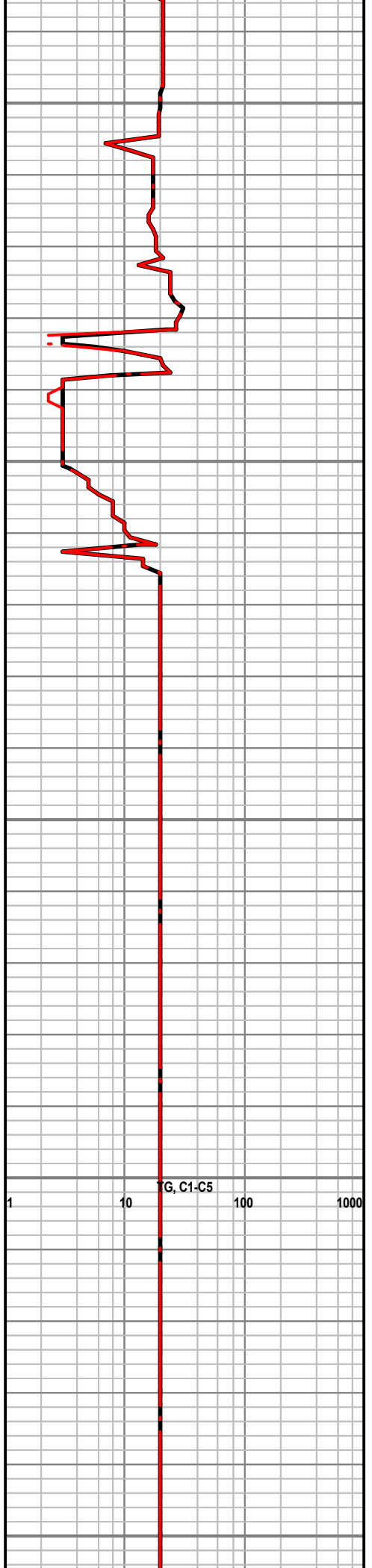
Limestone, grey, cherty

Limestone, dark grey, no shows

Limestone: Dark grey, chalky, blocky, poor porosity, no show

Limestone: Medium gray tan, chalky, blocky to subblocky, very fine crystalline, moderate rust orange siltstone, trace light gray, dark brown, calcareous sandstone, poor porosity, no show.

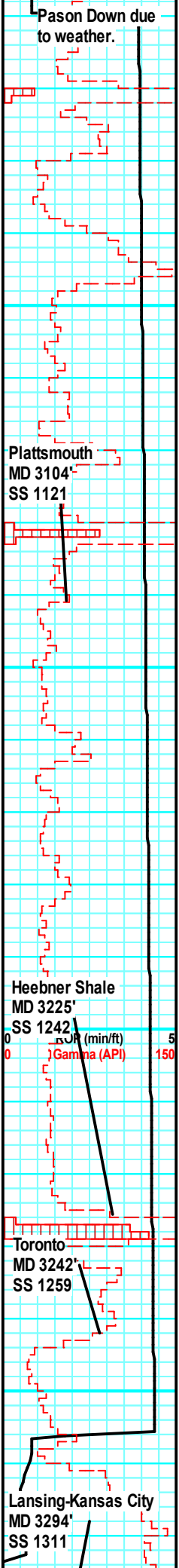
Limestone: Light gray, tan, subblocky, fair crystalline, poor porosity, faint oil show.



TG, C1-C5

1 10 100 1000

Pason Down due to weather.



3100

3150

3200

3250

Limestone: Light gray, cream, off white, block, fair crystalline, poor porosity, faint oil show.

Limestone: Light gray, tan, subblock to blocky, fair crystalline, poor porosity, no show.

Limestone: Light gray, tan, subblocky, fair crystalline, poor porosity, no show.

Limestone: Light gray, tan, subblocky, fair crystalline, poor porosity, no show.

Limestone: Light gray, tan, subblocky, fair crystalline, poor porosity, oil smell.

Limestone: Light gray, tan blocky, fair crystalline, poor porosity, very faint oil show in rock.

Limestone: Light gray, tan blocky, fair crystalline, poor porosity, very faint oil show in rock.

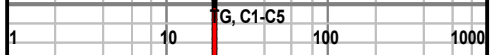
Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, poor porosity, oil show.

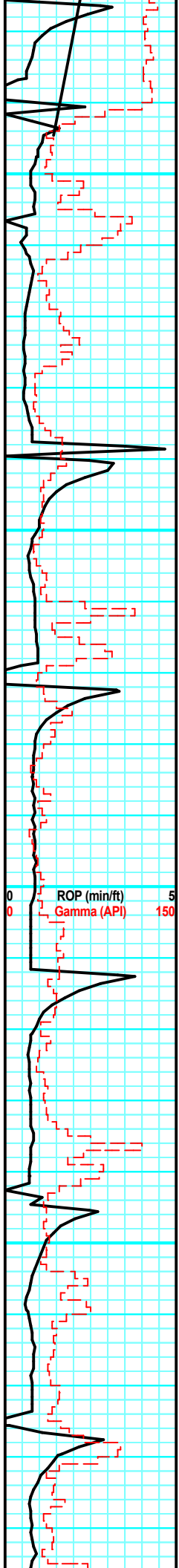
Limestone: Cream, light to medium tan, light brown, chalky, blocky subblocky, fine crystalline, poor porosity, oil show.

Limestone: Light gray, cream, off white, block, fair crystalline, poor porosity, faint oil show.

Limestone: Cream, offwhite, blocky, fair crystalline, poor porosity, faint oil shows.

Limestone: Light gray, offwhite, cream tan, blocky, fair crystalline, fair porosity moderate oil shows.





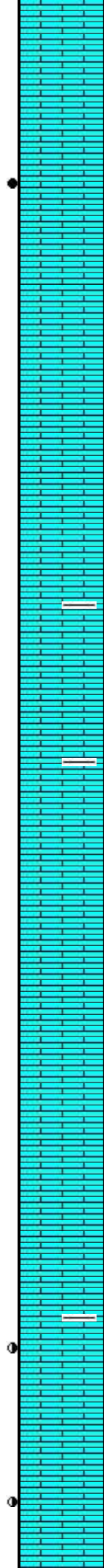
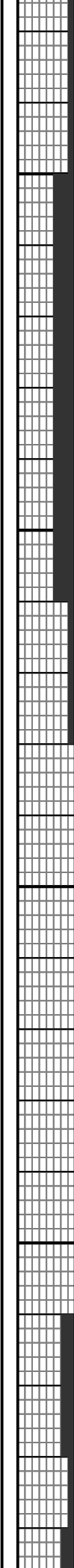
3300

3350

3400

3450

ROP (min/ft) 5
Gamma (API) 150



Limestone: Light gray, offwhite, cream tan, blocky, fair crystalline, fair porosity moderate oil shows.

Limestone: Light gray, offwhite, cream tan, blocky, fair crystalline, fair porosity oil shows.

Limestone: Tan cream, light brown, subblocky, fine crystalline, poor porosity, no oil show.

Limestone: Offwhite, light gray, blocky, fair crystalline, poor porosity, faint oil shows.

Limestone: Offwhite, light gray, blocky, fair crystalline, poor porosity, faint oil shows.

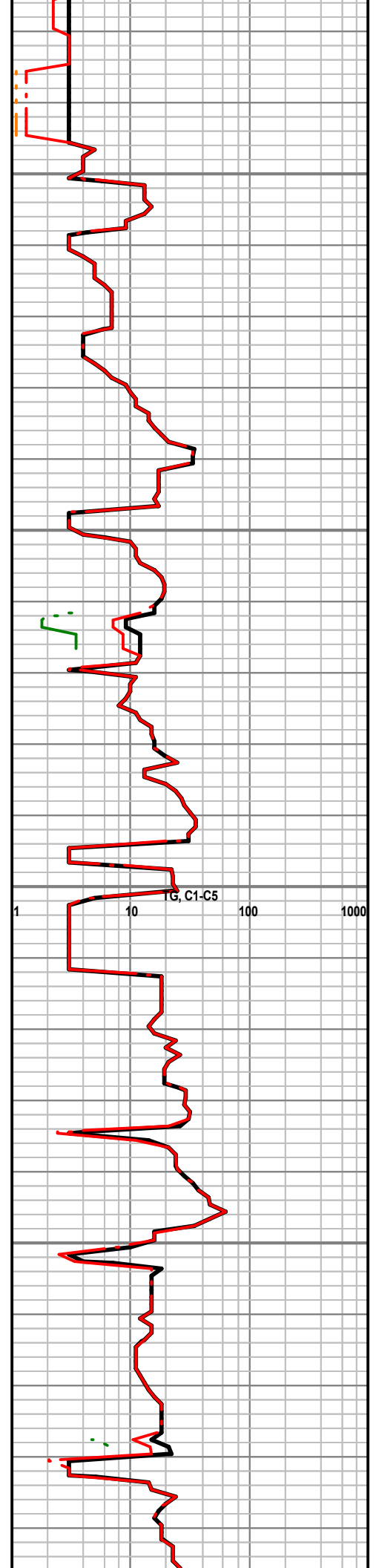
Limestone: Offwhite, light gray, blocky, fair crystalline, poor porosity, faint oil shows.

Limestone: Offwhite, light gray, blocky, fair crystalline, poor porosity, faint oil shows.

Limestone: Offwhite, light gray, blocky, fair crystalline, poor porosity, faint oil shows.

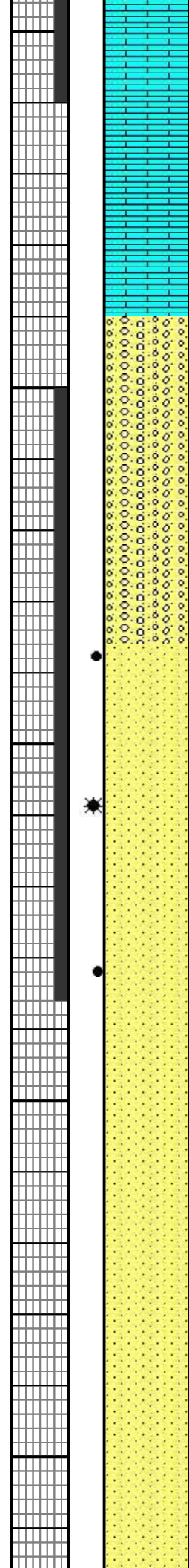
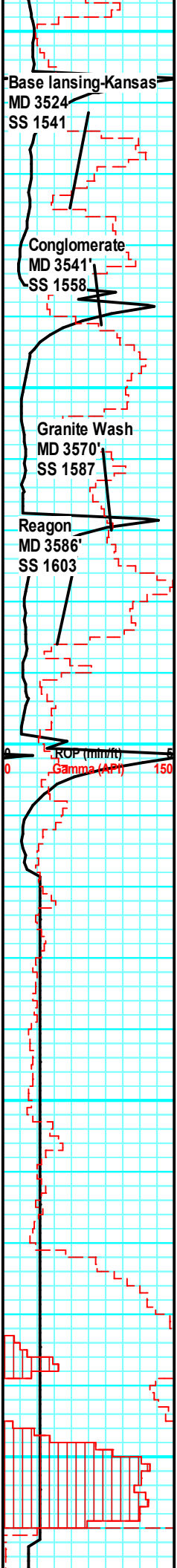
Limestone: Cream, light to medium tan, light brown, , fine crystalline, poor porosity, oil show.

Limestone: Cream, light to medium tan, light brown, chalky, fine crystalline, poor porosity, oil show.



TG, C1-C5

1 10 100 1000



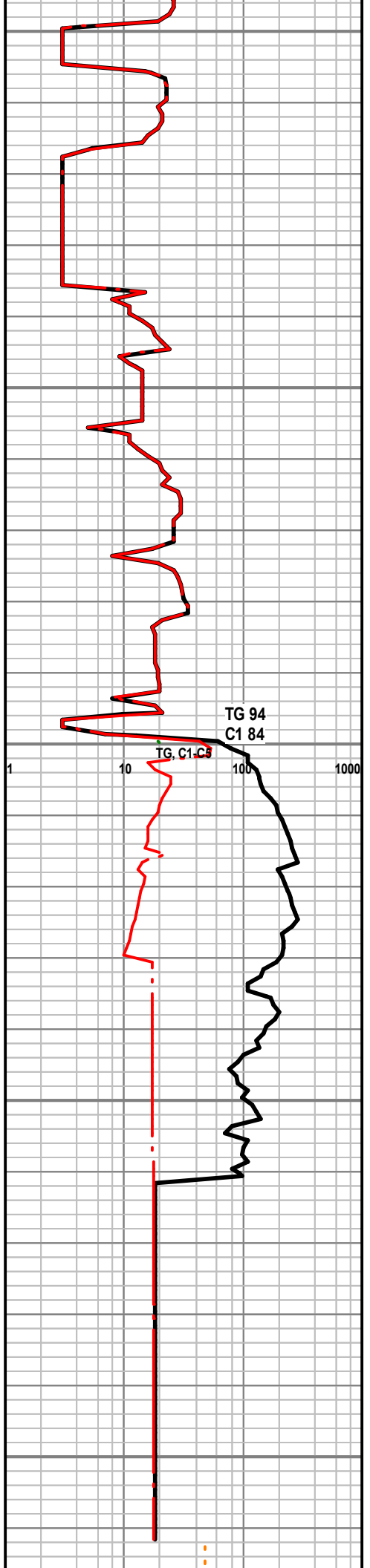
Limestone: Light tan to tan, gray, faint porosity, no odor no show.

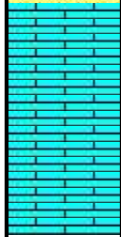
Sandstone, clear, to white, very fine grain grain size increasing with depth, some brown staining, some bright yellow fluorescence, good intergranular porosity, questionable faint petroleum odor, slow lazy cut, free oil when cluster crushed

Sandstone, clear, to white, very fine grain grain size increasing with depth, some brown staining, some bright yellow fluorescence, good intergranular porosity, strong petroleum odor, slow lazy cut, free oil when cluster crushed

Sandstone, clear, to white, very fine grain grain size increasing with depth, some brown staining, some bright yellow fluorescence, good intergranular porosity, strong petroleum odor, slow lazy cut, moderate when cluster crushed

Sandstone, clear, to white, very fine grain grain size increasing with depth, some brown staining, some bright yellow fluorescence, good intergranular porosity, strong petroleum odor, slow lazy cut, moderate when cluster crushed





Limestone: tan, light gray, blocky, no smell, no show.

RTD 3736' On 07-02-17



3750

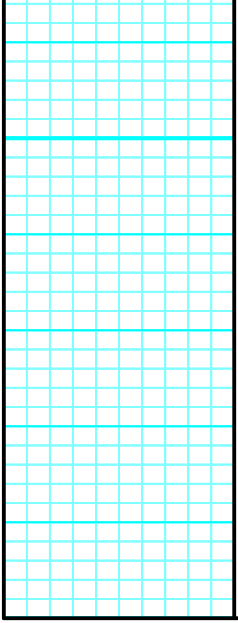
3800

3850

3900

ROP (min/ft) 5
Gamma (API) 150

TG, C1-C5
1 10 100 1000



00

3950

