

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1240736
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1240736

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	LEEBRICK TRUST 1-25
Doc ID	1240736

All Electric Logs Run

DEN-NEUT
INDUCTION
MICRO
SONIC
SPECTRAL



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 146306
Invoice Date: Oct 7, 2014
Page: 1

Federal Tax I.D.#: 20-8651475

Bill To:
Samuel Gary, Jr. & Assoc. 1935 Louie St Hays, KS 67601

RECEIVED

OCT 23 2014

SAMUEL GARY JR.
& ASSOCIATES, INC.

Customer ID	Field Ticket #	Payment Terms	
Gary	63769	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Oct 7, 2014	11/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Leebrick Trust #1-25		
280.00	CEMENT MATERIALS	Class A Common	17.90	5,012.00
790.00	CEMENT MATERIALS	Chloride	1.10	869.00
294.01	CEMENT SERVICE	Cubic Feet Charge	2.48	729.14
677.75	CEMENT SERVICE	Ton Mileage Charge	2.75	1,863.81
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
1.00	CEMENT SERVICE	Manifold Rental	275.00	275.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		

DRLG
 COMP
 W/O
 LOE
 GG

Account	8200.138
Well/Prospect	
Deck	
AFE	
Approval	<i>[Signature]</i>
Description	

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 3,259.86

ONLY IF PAID ON OR BEFORE
Nov 6, 2014

Subtotal	10,866.20
Sales Tax	464.60
Total Invoice Amount	11,330.80
Payment/Credit Applied	
TOTAL	11,330.80



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 10/15/2014
 Invoice # 671

P.O.#:
 Due Date: 11/14/2014
 Division: Russell

RECEIVED
 OCT 23 2014

SAMUEL GARY JR.
 & ASSOCIATES, INC.

Invoice

Contact:
 Samuel Gary Jr & Associates Inc
Address/Job Location:
 Samuel Gary Jr & Associates Inc
 1935 LOUIE ROAD
 HAYS KANSAS 67601

Reference:
 LEEBRICK TRUST 1-25

Description of Work:
 PROD STRING

DRLG COMP W/O LOE GG

Account	8200.138
Well/Prospect	
Deck	
AFE	
Approval	see field ticket
Description	

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,982.77	No	Salt (Fine)	21	\$318.29	Yes
Pro-C Cement	240	\$ 4,690.29	Yes	Auto Fill Float Shoe, 4 1/2"	1	\$299.66	Yes
Cement Port Collar, 5 1/2"	1	\$ 2,714.29	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	45	\$285.33	No
Gilsonite	1200	\$ 1,954.29	Yes	Latch Down Plug & Baffle, 5 1/2"	1	\$243.20	Yes
5 1/2" Basket	4	\$ 1,493.94	Yes	Cement Friction Reducer	50	\$195.43	Yes
CFL 117	182	\$ 1,217.22	Yes	Flo Seal	60	\$130.29	Yes
5 1/2" Turbolizer	15	\$ 944.57	Yes	KCL	2	\$64.84	Yes
Bulk Truck Matl-Material Service Charge	274	\$ 594.97	No	Rotating Head (4 1/2", 5 1/2", or 2 7/8")	1	\$39.09	No
CD-110	123	\$ 534.17	Yes				
Pump Truck Mileage-Job to Nearest Camp	45	\$ 487.59	No				
Mud Clear	500	\$ 401.71	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 18,591.92

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (2,788.79)

SubTotal for Taxable Items:	\$ 12,921.85
SubTotal for Non-Taxable Items:	\$ 2,881.29

Total: \$ 15,803.13

Tax: \$ 1,020.83

7.90% Rawlins County Sales Tax

Amount Due: \$ 16,823.96

Applied Payments:

Balance Due: \$ 16,823.96

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 671

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-15-14	25	4	34	Rawlins	KS		8:30AM

Location *Colby, N to K Rd, W to 1B Rd, S to flaged gate*

Lease *Leebrick Trust* Well No. *1-25* Owner

Contractor *Murfin #8* To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job *long string* Charge To *Sam Gary Jr + Associates*

Hole Size *7 7/8* T.D. *4731*

Csg. *5 1/2* Depth *4722.00* Street

Tbg. Size Depth City State

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

Cement Left in Csg. Shoe Joint *42.90* Cement Amount Ordered *240 sx Q pro-c, 10% salt, 5%*

Meas Line Displace *111.37 bbl* *Gilsonite, 1/4 # Flow, 3% CD110, 25% caf-38, 8% CFL-117, 20 bbl KCL*

EQUIPMENT

Pumptrk *16* No. Cementer *Billy* Common *240 Q pro-c*

Bulktrk *15* No. Driver *Tyson* Pos. Mix *CD110 123#*

Bulktrk *PU* No. Driver *Travis* Del. *KCL 2 gal*

JOB SERVICES & REMARKS

Remarks: Halls

Rat Hole *30 sx* Salt *21*

Mouse Hole *15 sx* Flowseal *60 #*

Centralizers *1-15* Kol-Seal *1200 #*

Baskets *48, 52, 61, 82* Mud CLR 48 *500 gal*

Port Collar top of # *48* at *2753* CFL-117 or CD110 CAF 38 *50 #*

Pipe on bottom broke circulation. Pumped *500 gal Mud CLR 48 with 10 bbl fw behind it.* Sand *182 #*

Plugged Rat hole with *30 sx* and Mouse hole *15 sx*, Hooked to *5 1/2 Mixed 195 sx* shut down. *Washed pump and lines, Released plug and displaced with ~~20 bbl KCL~~ 20 bbl KCL and 91.37 bbl fw. Plug landed and held.* Handling *274*

FLOAT EQUIPMENT

Guide Shoe

Centralizer *15 turbos*

Baskets *3 blue, 1 Red*

AFU Inserts

Float Shoe |

Latch Down |

1 Port Collar

lift pressure *1000 psi*

Plug landed at *1800 psi*

Pumptrk Charge *prod string*

Mileage *45*

Signature *[Signature]* Tax

Discount

Total Charge



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 11/19/2014
 Invoice # 847

P.O.#:
 Due Date: 12/19/2014
 Division: Russell

Invoice

Contact:
 Samuel Gary Jr & Associates Inc
Address/Job Location:
 Samuel Gary Jr & Associates Inc
 1935 LOUIE ROAD
 HAYS KANSAS 67601

DRLG COMP W/O LOE GG

Account	8200.145
Well/Prospect	
Deck	
AFE	
Approval	See field ticket
Description	

RECEIVED

NOV 25 2014

SAMUEL GARY JR.
 & ASSOCIATES, INC.

Reference:
 LEEBRICK TRUST 1-25

Description of Work:
 PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 2,041.09	Yes				
Common-Class A	192	\$ 3,540.71	Yes				
Bulk Truck Matl-Material Service Charge	450	\$ 1,005.88	Yes				
POZ Mix-Standard	128	\$ 901.27	Yes				
Pump Truck Mileage-Job to Nearest Camp	45	\$ 501.94	Yes				
Premium Gel (Bentonite)	21	\$ 382.10	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	45	\$ 293.72	Yes				
Cottonseed Hulls	2	\$ 111.76	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 8,778.47

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,316.77)

SubTotal for Taxable Items: \$ 7,461.70

SubTotal for Non-Taxable Items: \$ -

Total: \$ 7,461.70

Tax: \$ 589.47

7.90% Rawlins County Sales Tax

Amount Due: \$ 8,051.17

Applied Payments:

Balance Due: \$ 8,051.17

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 847

Date	11-19-14	Sec.	25	Twp.	4	Range	34	County	Rawlins	State	KANSAS	On Location		Finish	6:30 PM
Location								COLBY KS. 24 N (RD "K") 2 W (RD "18") 25 1 E S INTO							

Lease	LeeBRICK TRUST	Well No.	1-25	Owner	To Quality Oilwell Cementing, Inc.
Contractor	WESTERN Well Service	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job	PLUG ABANDONED well	Charge To	SAMUEL GARY JR. & ASSOCIATES INC		
Hole Size		T.D.			
Csg.	5 1/2	Depth	4722'		
Tbg. Size	8 5/8	Depth	300'		
Tool		Depth			
Cement Left in Csg.		Shoe Joint			
Meas Line		Displace	62 BBL 2600' (10 SX GEL ON SIDE + 100# HULLS)		
EQUIPMENT			45 BBL 1900'		

Pumptrk	18	No.	Cementor	GLENN G.	Poz. Mix	128
			Helper	CODY B.	Gel.	21
Bulktrk	19	No.	Driver	CHAD M.	Calcium	
			Driver		Hulls	2
Bulktrk		No.	Driver		Salt	
			Driver		Flowseal	

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

SHOT 5 1/2 csg @ 2885' COULD NOT GET FREE
TOOK INT RATE OF 2 BPM @ 500#. SPOT
10 SX GEL, + 75 SX CEMENT.

SHOT OFF @ 2106' COULD NOT GET FREE
TOOK INT RATE OF 2 1/2 BPM @ 200#. SPOT
100 SX CEMENT.

SHOT OFF @ 1500' + CAME FREE.
PULLED TO 350' + CIRCULATE CEMENT
TO SURFACE W/ 120 SX + 100 #
HULLS.

PULLED 5 1/2 csg. CAP OFF 8 5/8
SURFACE W/ 25 SX.

Mud CLR 48
CFL-117 or CD110 CAF 38
Sand
Handling 450
Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge	plug
Mileage	45

Tax	
Discount	
Total Charge	

X Signature

THANK'S



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

25-4S-34W Rawlins, KS

Leebrick Trust #1-25

Job Ticket: 60192

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2014.10.12 @ 13:00:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:07:00

Time Test Ended: 21:07:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4430.00 ft (KB) To 4465.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4465.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8874 Inside

Press @ Run Depth: 17.55 psig @ 4431.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.12

End Date:

2014.10.12

Last Calib.:

2014.10.12

Start Time: 13:01:00

End Time:

21:07:00

Time On Btm:

2014.10.12 @ 16:06:30

Time Off Btm:

2014.10.12 @ 18:51:30

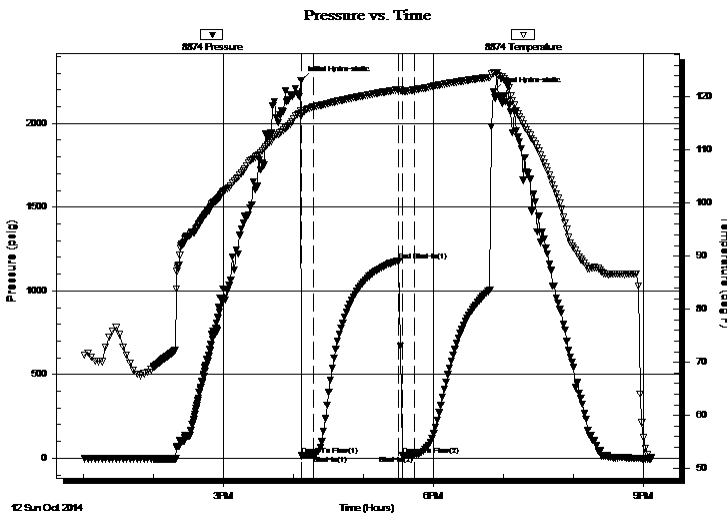
TEST COMMENT: 10 - IF- Surface Blow built to 1/4"

75 - IS- No Return

10 - FF- No Blow

60 - FS- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2257.49	117.34	Initial Hydro-static
1	15.29	116.80	Open To Flow (1)
11	17.55	118.09	Shut-In(1)
84	1180.24	121.37	End Shut-In(1)
87	17.89	121.01	Open To Flow (2)
97	17.18	121.32	Shut-In(2)
165	2188.40	124.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates

25-4S-34W Rawlins, KS

Leebrick Trust #1-25

Job Ticket: 60192

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2014.10.12 @ 13:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 71.00 sec/qt

Water Loss: 9.19 in³

Resistivity: 0.00 ohm.m

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

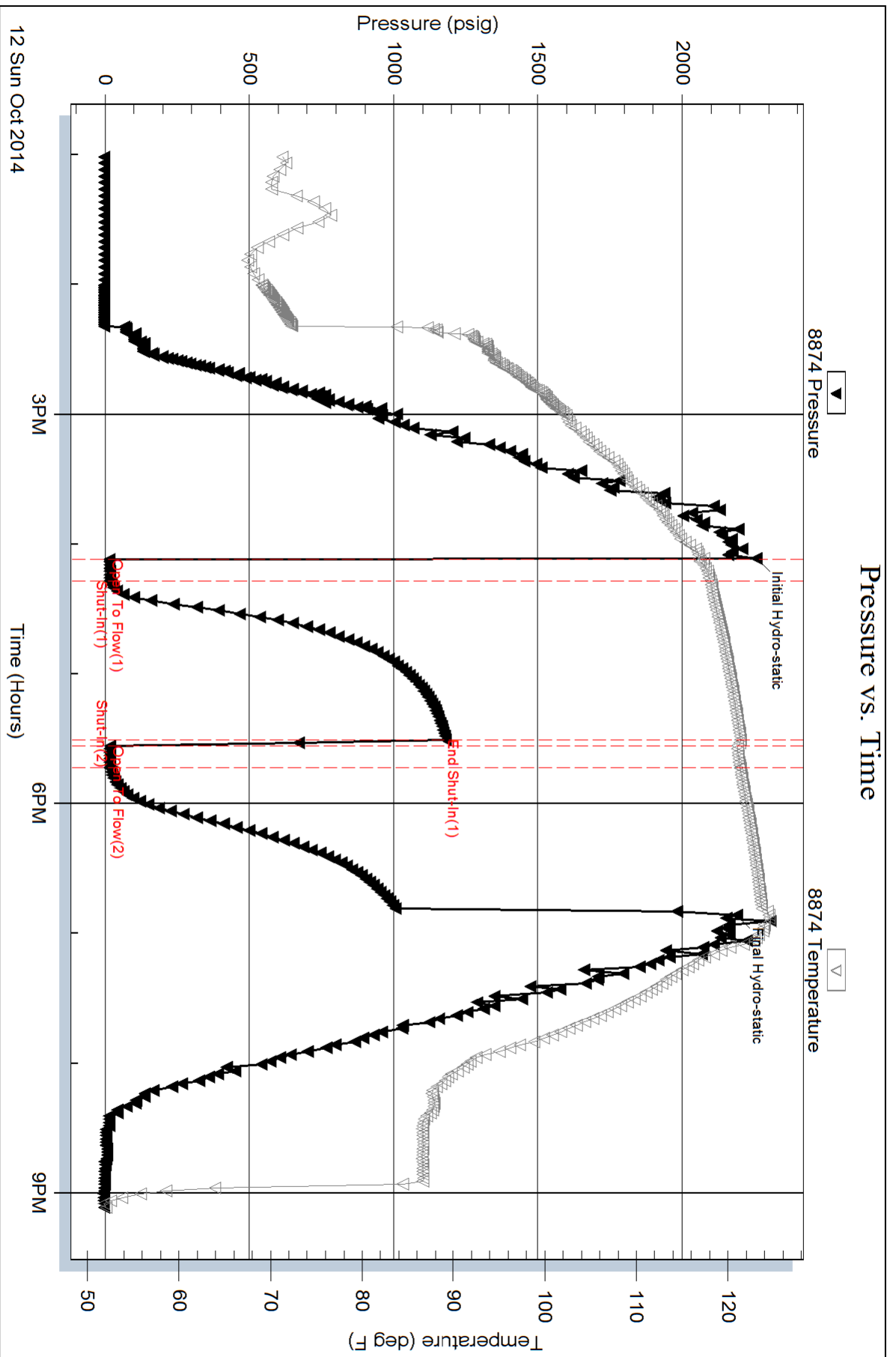
Num Gas Bombs: 0

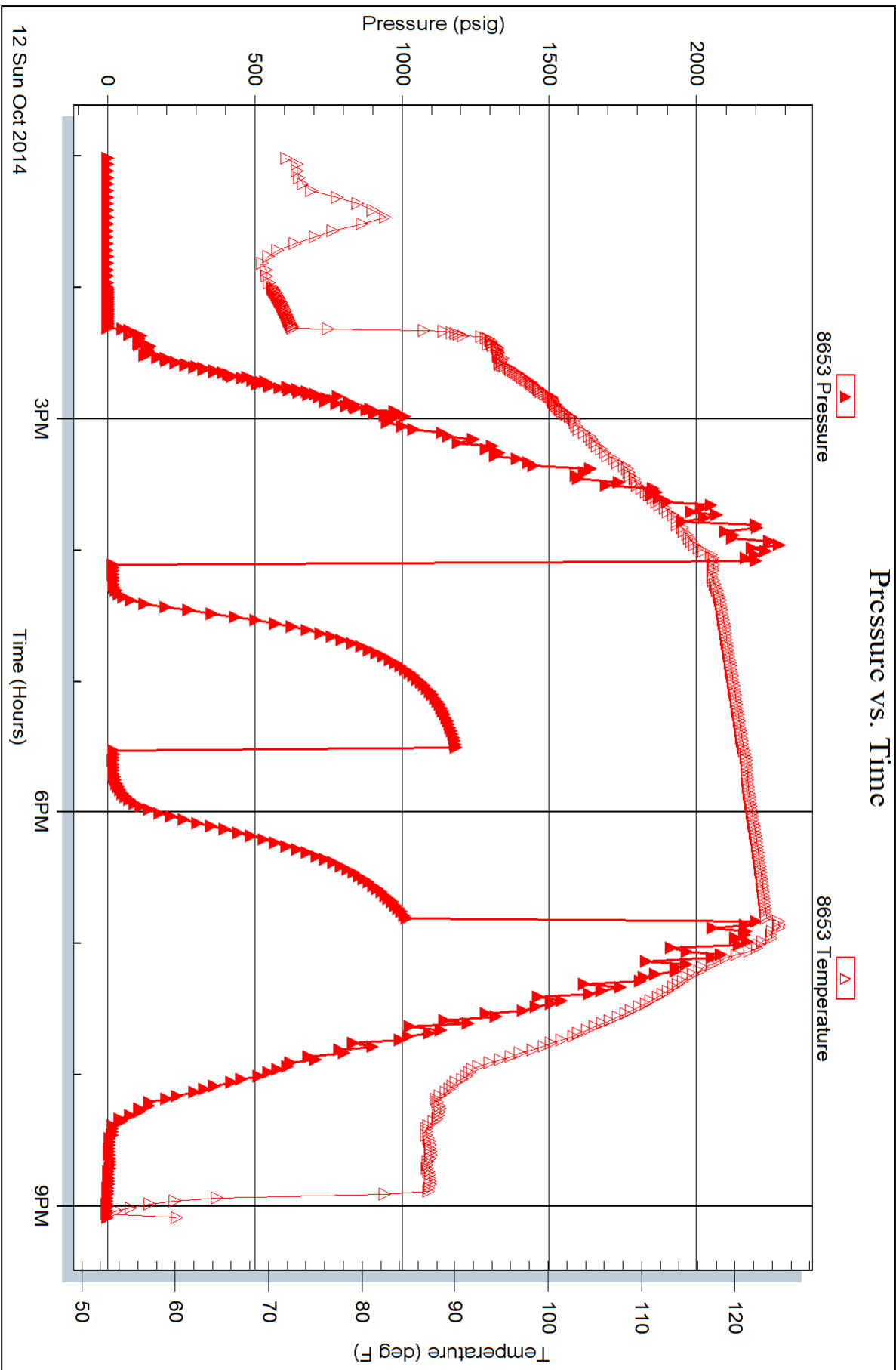
Serial #:

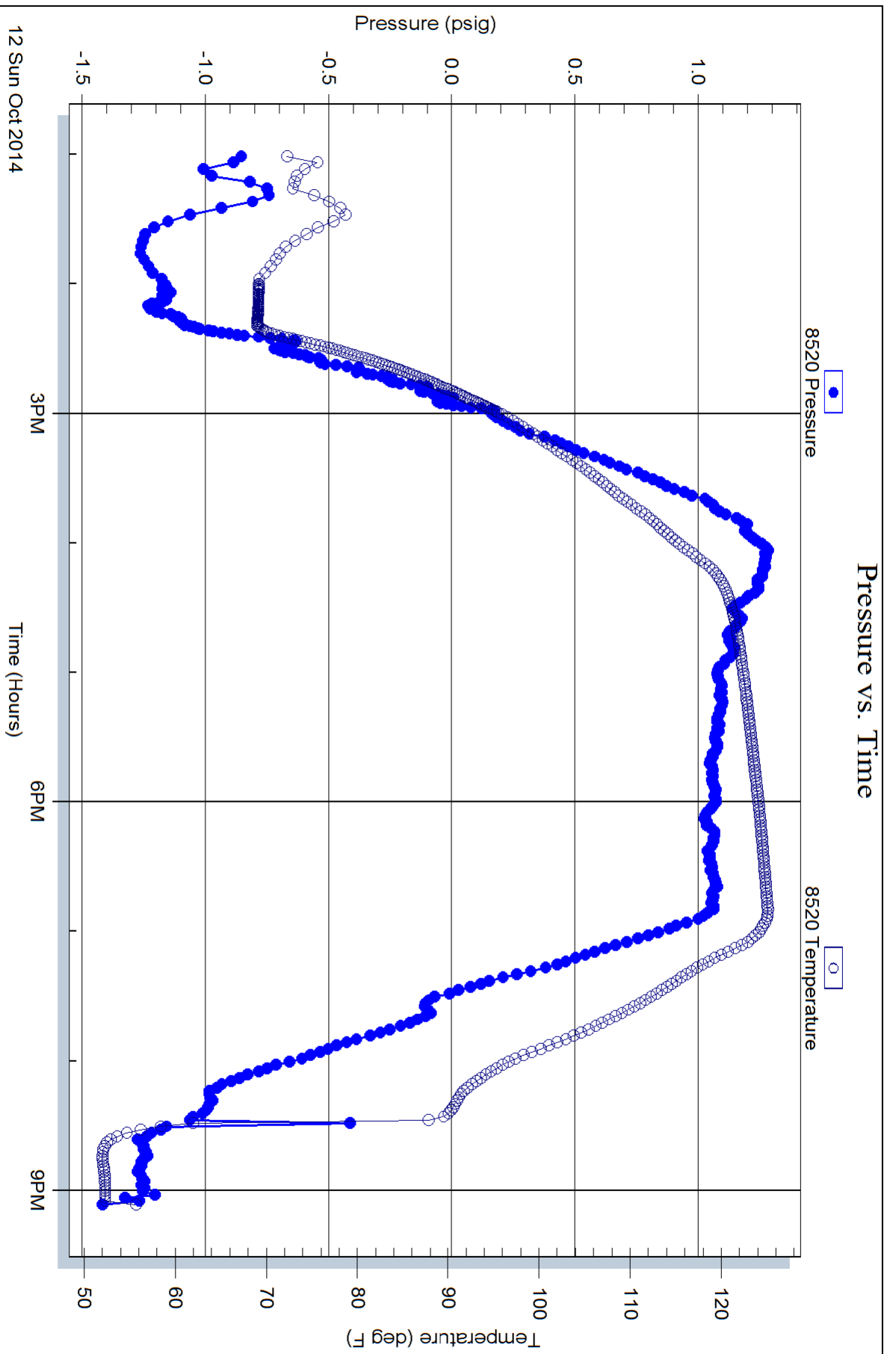
Laboratory Name:

Laboratory Location:

Recovery Comments:









**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

25-4S-34W Rawlins, KS

Leebrick Trust #1-25

Job Ticket: 60193

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2014.10.14 @ 10:18:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 18:07:30

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4046.00 ft (KB) To 4066.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4733.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8874

Press @ RunDepth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.14

End Date: 2014.10.14

Last Calib.: 2014.10.14

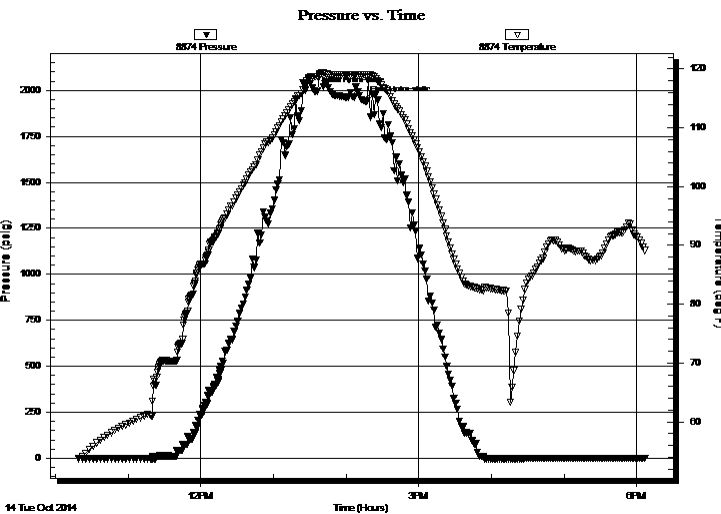
Start Time: 10:19:00

End Time: 18:07:30

Time On Btm: 2014.10.14 @ 13:35:00

Time Off Btm: 2014.10.14 @ 14:14:00

TEST COMMENT: Packer Failure.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.79	118.72	Initial Hydro-static
39	1942.69	118.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Mud 100M	1.11

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

25-4S-34W Rawlins, KS

Leebrick Trust #1-25

Job Ticket: 60193

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2014.10.14 @ 10:18:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 18:07:30

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4046.00 ft (KB) To 4066.00 ft (KB) (TVD)

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4733.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8017

Press @ Run Depth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.14

End Date: 2014.10.14

Last Calib.: 2014.10.14

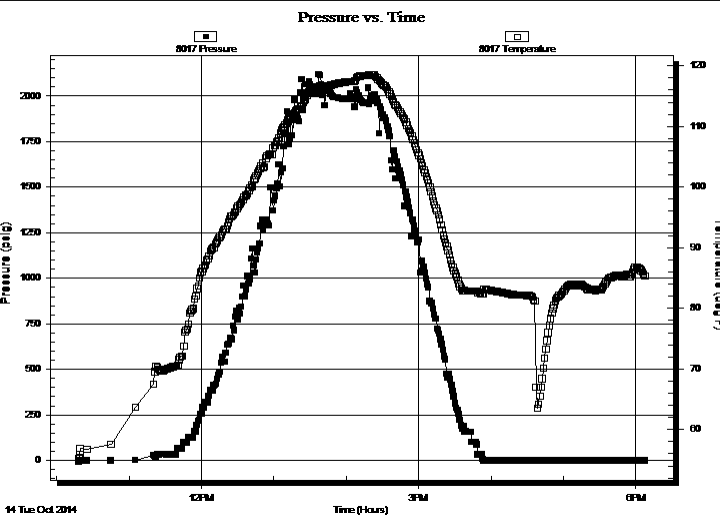
Start Time: 10:18:05

End Time: 18:07:29

Time On Btm:

Time Off Btm:

TEST COMMENT: Packer Failure.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Mud 100M	1.11

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates

25-4S-34W Rawlins, KS

Leebrick Trust #1-25

Job Ticket: 60193

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2014.10.14 @ 10:18:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	Mud 100M	1.111

Total Length: 200.00 ft Total Volume: 1.111 bbl

Num Fluid Samples: 0

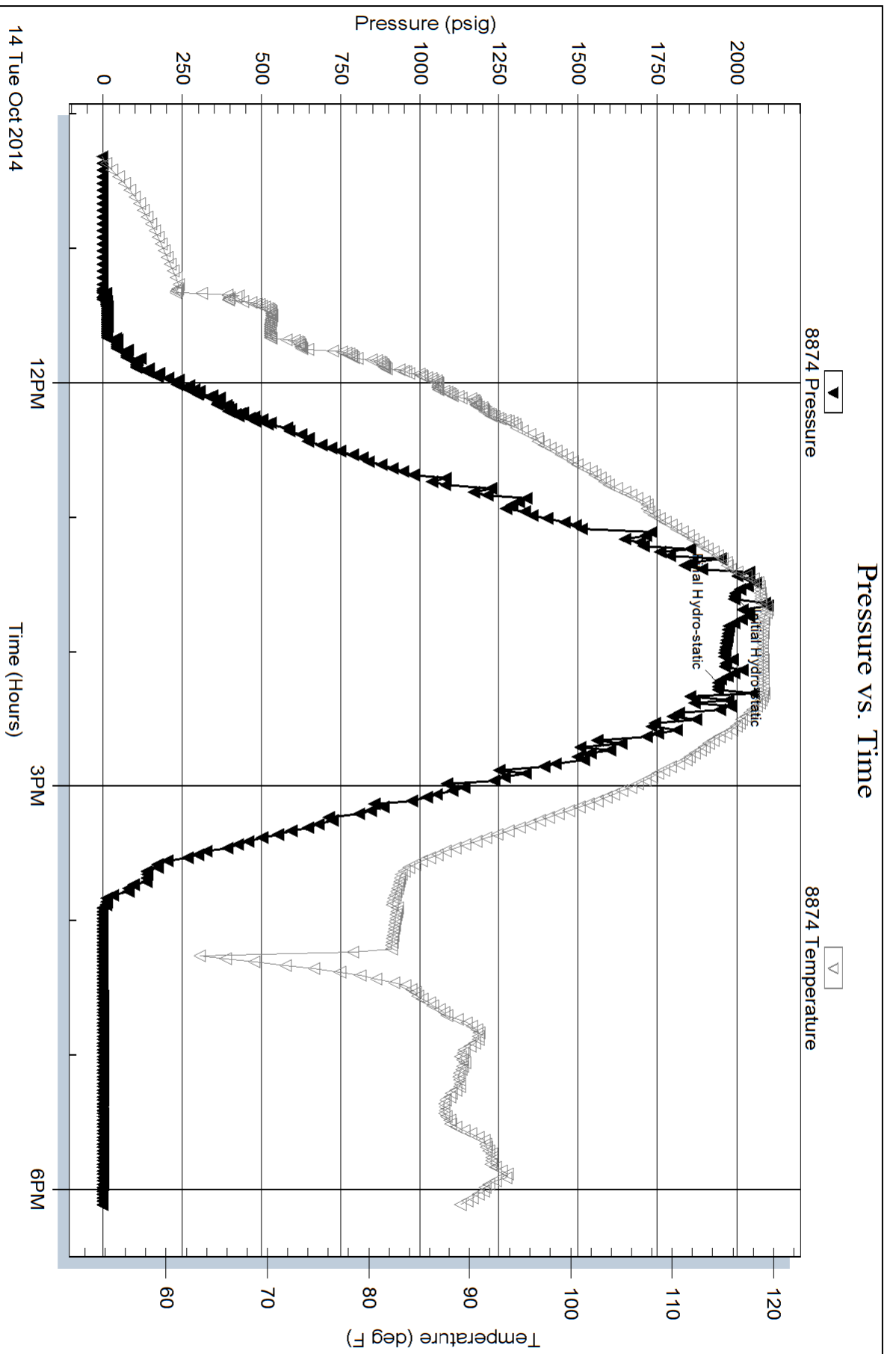
Num Gas Bombs: 0

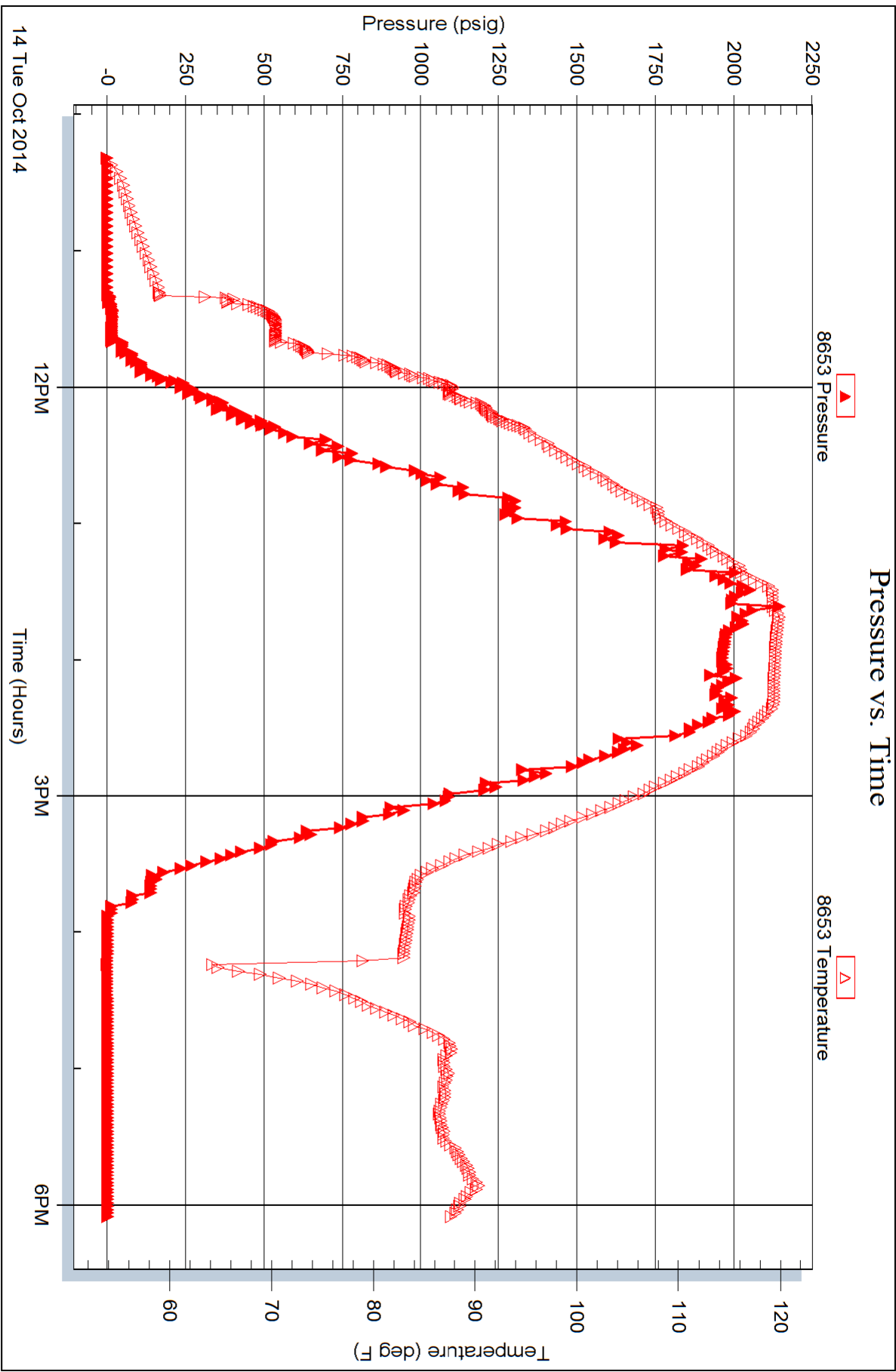
Serial #:

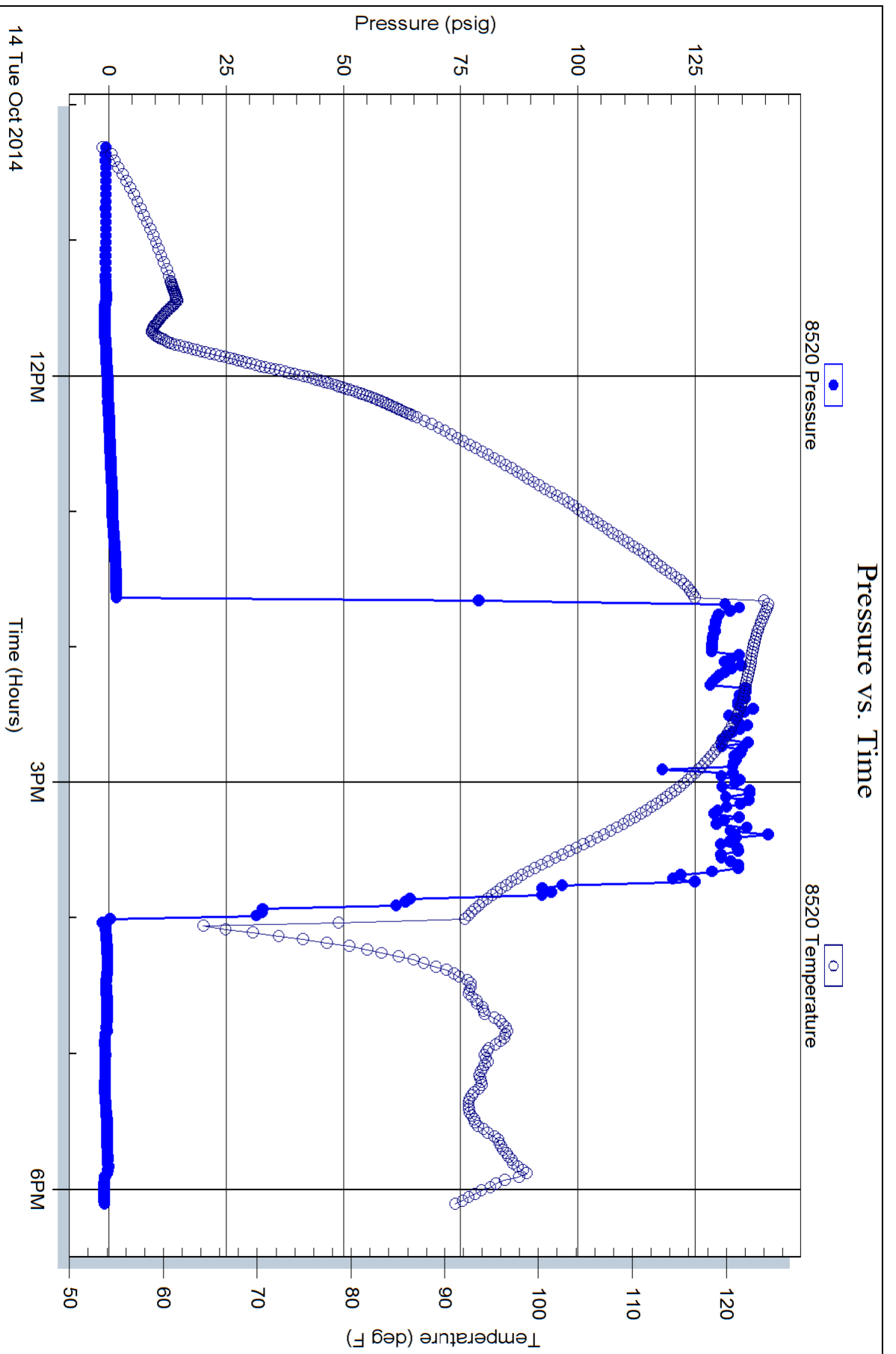
Laboratory Name:

Laboratory Location:

Recovery Comments:











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

Well Name: LEEBRICK TRUST 1-25
Well Id:
Location: SEC 25-4S-34W RAWLINS COUNTY, KANSAS
License Number: 15-153-21063-0000 Region: WILDCAT
Spud Date: OCT. 7, 2014 Drilling Completed: OCT. 13, 2014
Surface Coordinates: 1180 FSL/1590 FWL

Bottom Hole
Coordinates:
Ground Elevation (ft): 3120' K.B. Elevation (ft): 3140'
Logged Interval (ft): 3800' To: 4730' Total Depth (ft): 4730'
Formation: Lansing, Kansas City
Type of Drilling Fluid: Natural Chemical

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

OPERATOR

Company: Samuel Gary Jr. & Assoc.
Address: 1515 Wynkoop, Ste. # 700
Denver, Colo. 80202
Geo: Clayton Camozzi

GEOLOGIST

Name: Schuyler Hedrick/Blake Ward
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla. 73945
Off. 888-543-8378 Cell: 580-754-0231



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

25-4S-34W Rawlins, KS

Leebrick Trust #1-25

Job Ticket: 60192 DST#: 1

ATTN: Clayton Camozzi

Test Start: 2014.10.12 @ 13:00:00

GENERAL INFORMATION:

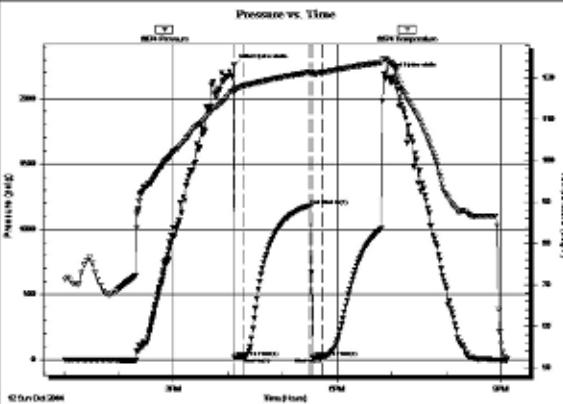
Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:07:00
 Time Test Ended: 21:07:00
 Interval: **4430.00 ft (KB) To 4465.00 ft (KB) (TVD)**
 Total Depth: **4465.00 ft (KB) (TVD)**
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Mack
 Unit No: 66
 Reference Elevations: 3125.00 ft (KB)
 3120.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8874

Inside

Press@RunDepth: 17.55 psig @ 4431.00 ft (KB)
 Start Date: 2014.10.12 End Date: 2014.10.12
 Start Time: 13:01:00 End Time: 21:07:00
 Capacity: 8000.00 psig
 Last Callb.: 2014.10.12
 Time On Btm: 2014.10.12 @ 16:06:30
 Time Off Btm: 2014.10.12 @ 18:51:30

TEST COMMENT: 10 - IF- Surface Blow built to 1/4"
 75 - IS- No Return
 10 - FF- No Blow
 60 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2257.49	117.34	Initial Hydro-static
1	15.29	116.80	Open To Flow (1)
11	17.55	118.09	Shut-in(1)
84	1180.24	121.37	End Shut-in(1)
87	17.89	121.01	Open To Flow (2)
97	17.18	121.32	Shut-in(2)
165	2188.40	124.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRIBOLITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

25-4s-34w Rawlins, KS

1515 Wynkoop Ste 700
Denver, CO 80202

Leebrick Trust #1-25

Job Ticket: 60193 DST#: 2

ATTN: Clayton Camozzi

Test Start: 2014.10.14 @ 10:18:00

GENERAL INFORMATION:

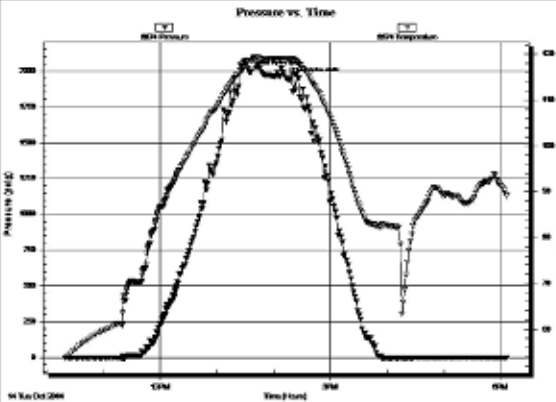
Formation: LKC "A"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended: 18:07:30
 Interval: 4046.00 ft (KB) To 4066.00 ft (KB) (TVD)
 Total Depth: 4733.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Initial)
 Tester: Kevin Mack
 Unit No: 66
 Reference Elevations: 3125.00 ft (KB)
 3120.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8874

Inside

Press@RunDepth: psig @ 4047.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.14 End Date: 2014.10.14 Last Calib.: 2014.10.14
 Start Time: 10:19:00 End Time: 18:07:30 Time On Btm: 2014.10.14 @ 13:35:00
 Time Off Btm: 2014.10.14 @ 14:14:00

TEST COMMENT: Packer Failure.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.79	118.72	Initial Hydro-static
39	1942.69	118.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Mud 100M	1.11

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)

Tribolite Testing, Inc

Ref. No: 60193

Printed: 2014.10.16 @ 16:00:57

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol

- Shgy
- Slstt
- Ss
- Till
- Carb sh
- Dol
- Dtd
- Gry sh

- Sandylms
- Shale
- Slststn
- Shlyslts
- Sltysh
- Lms

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr



- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sltly



- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold



- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh

TEXTURE

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

OTHER SYMBOLS

POROSITY TYPE

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

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang



Angular

OIL SHOWS

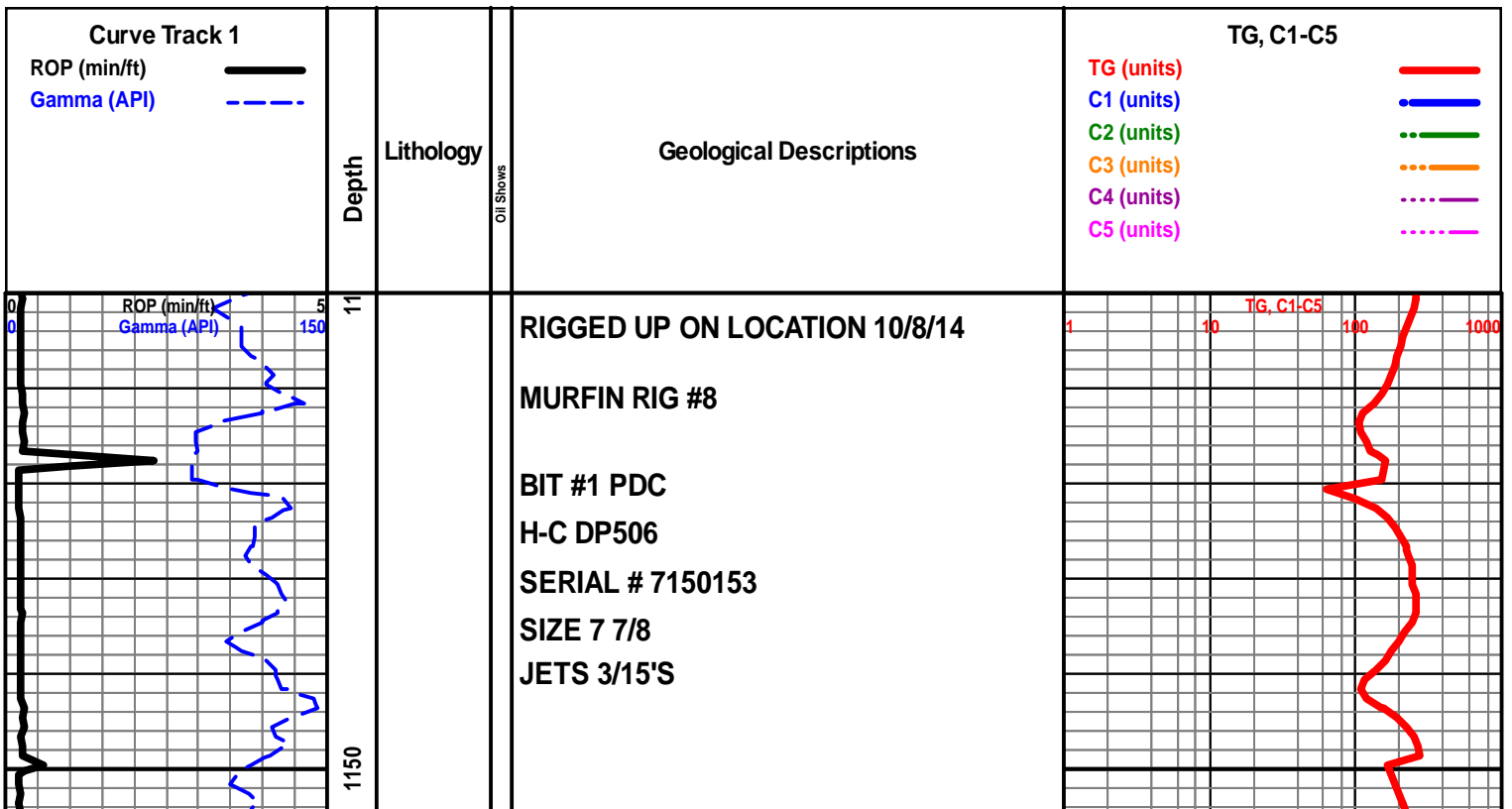
- Even
- Spotted
- Ques
- Dead
- Gas show

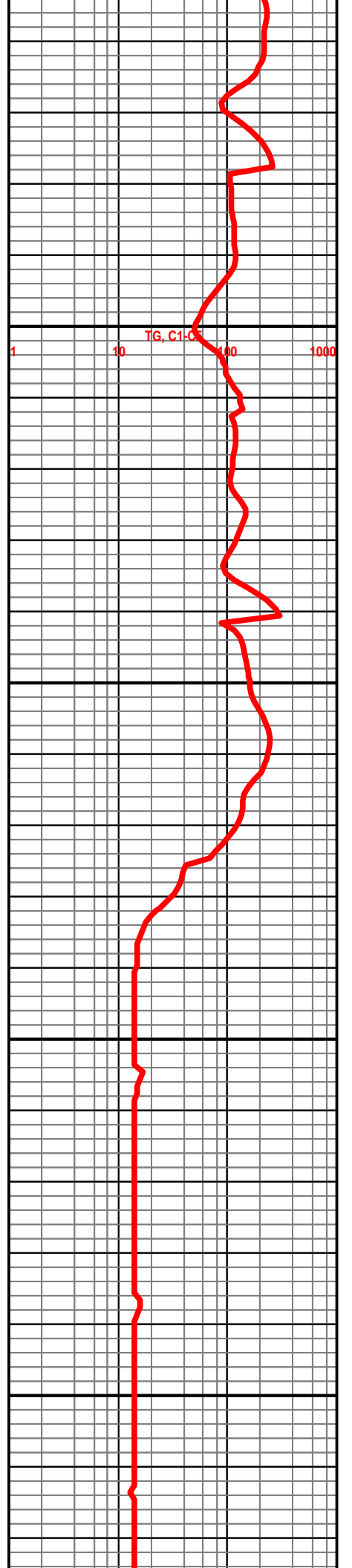
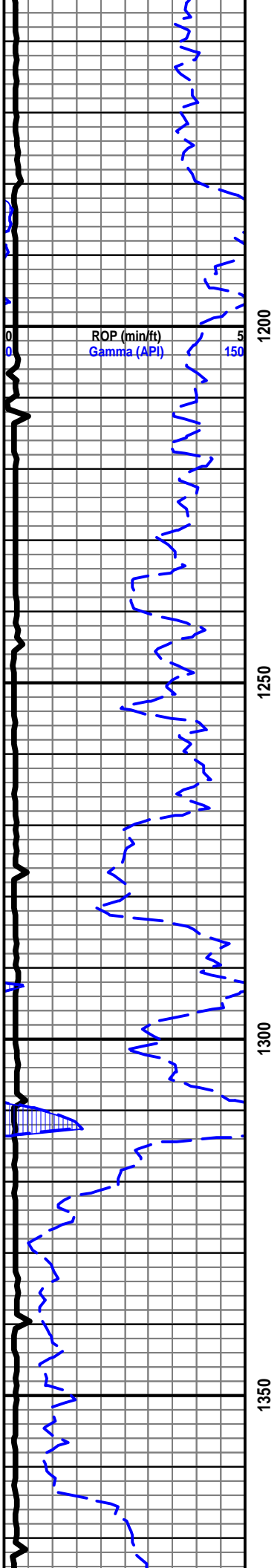
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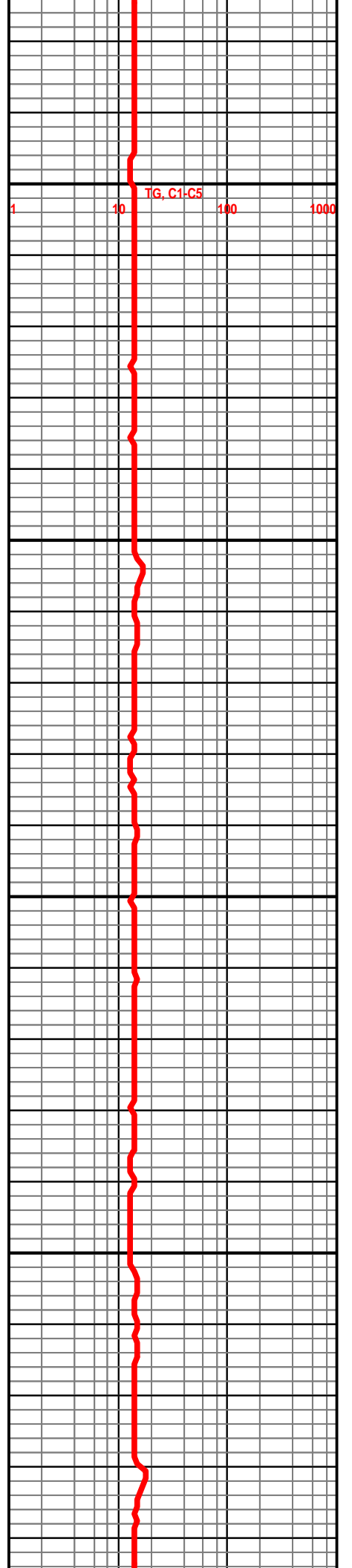
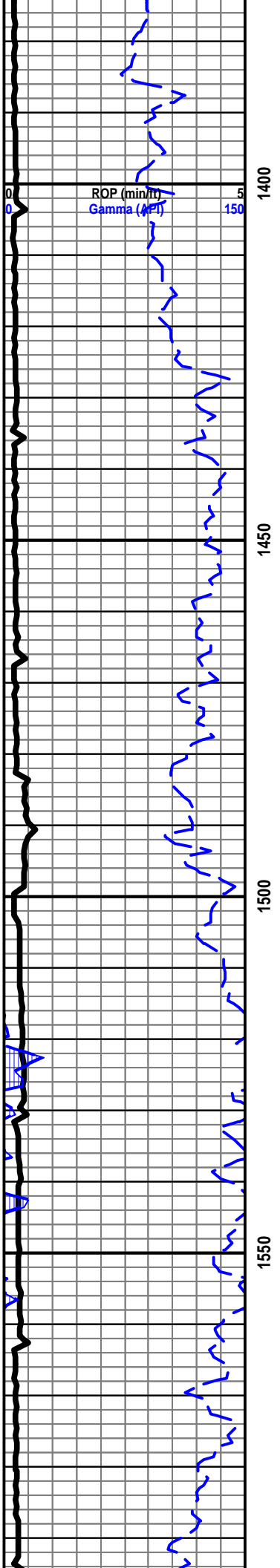
- Core
- Dst
- Dst

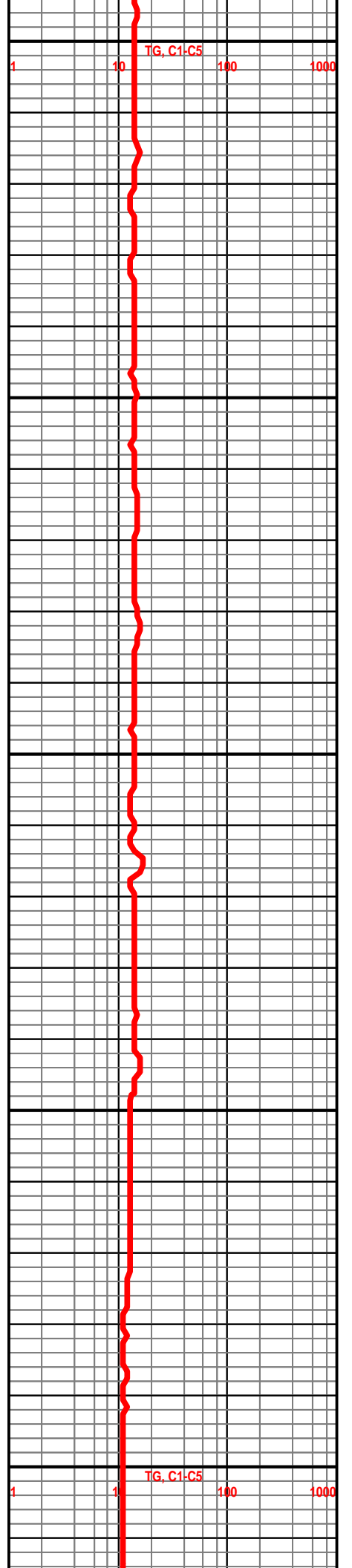
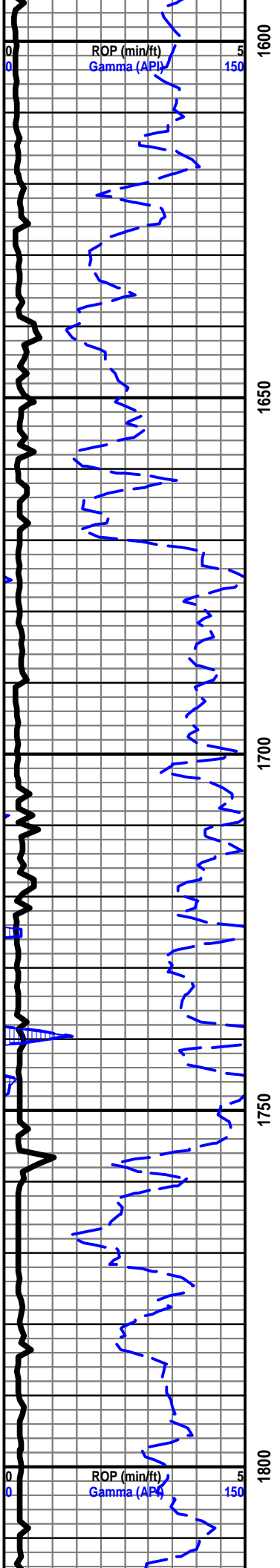
EVENTS

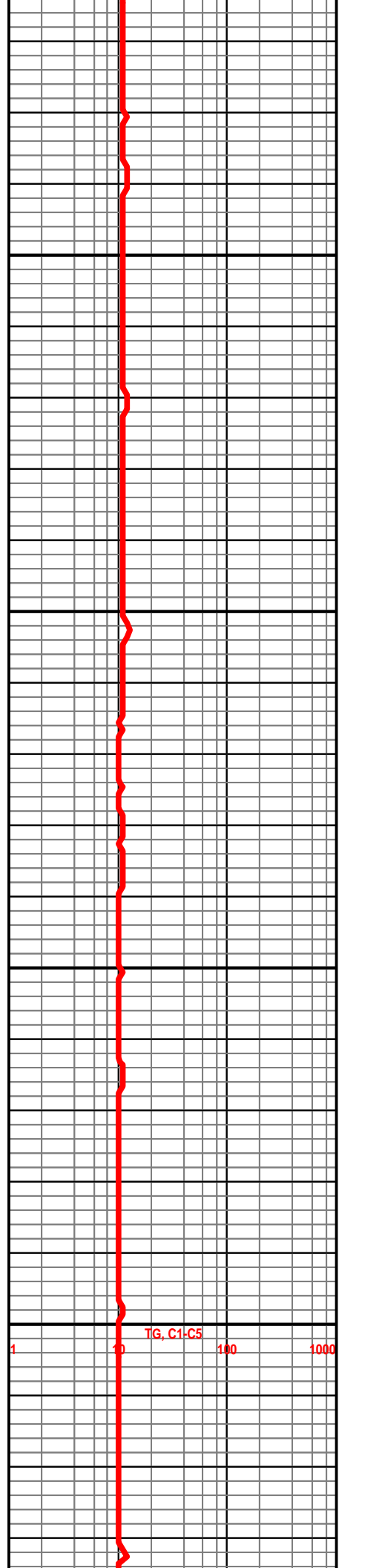
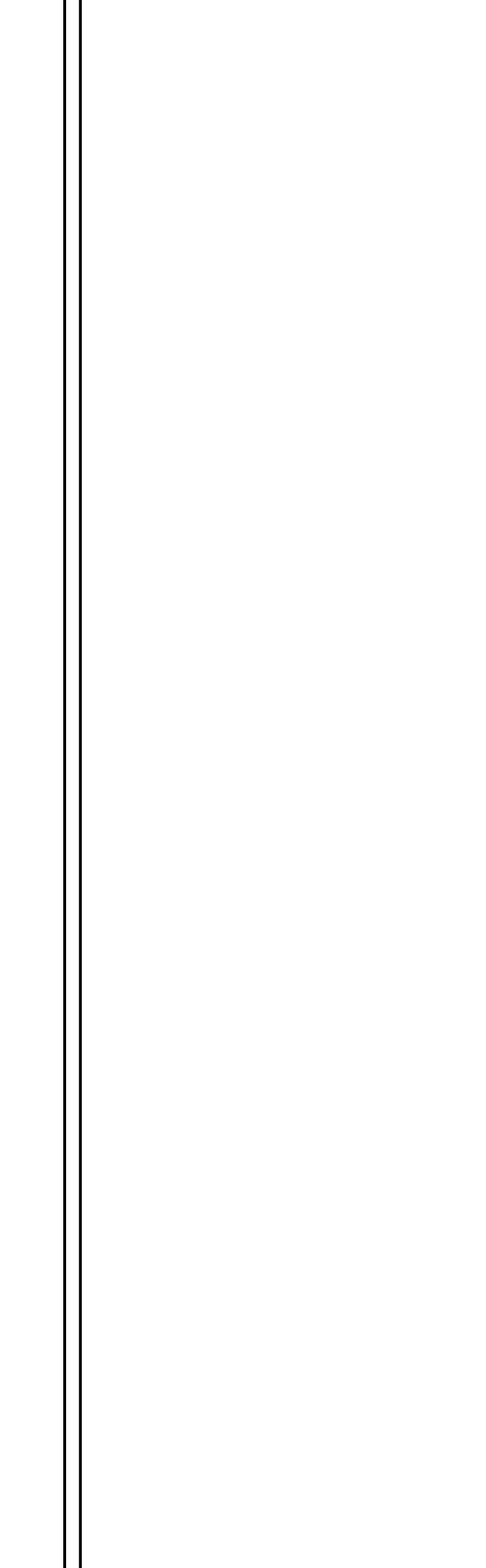
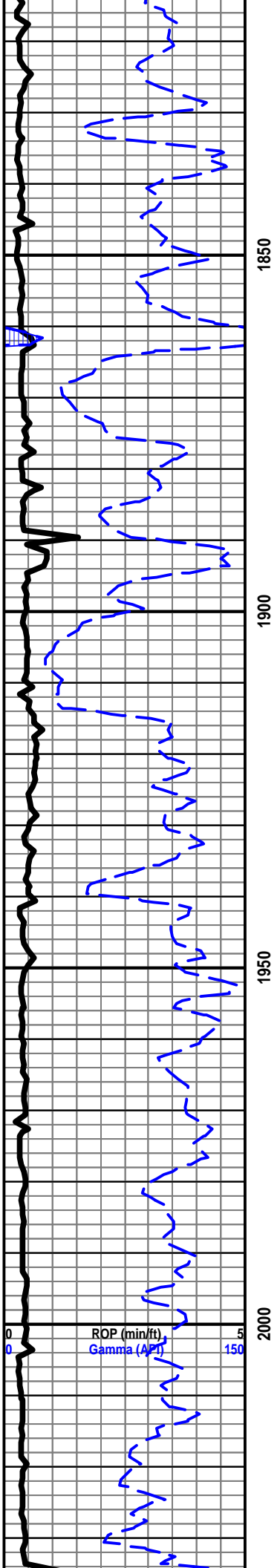
- Rft
- Sidewall

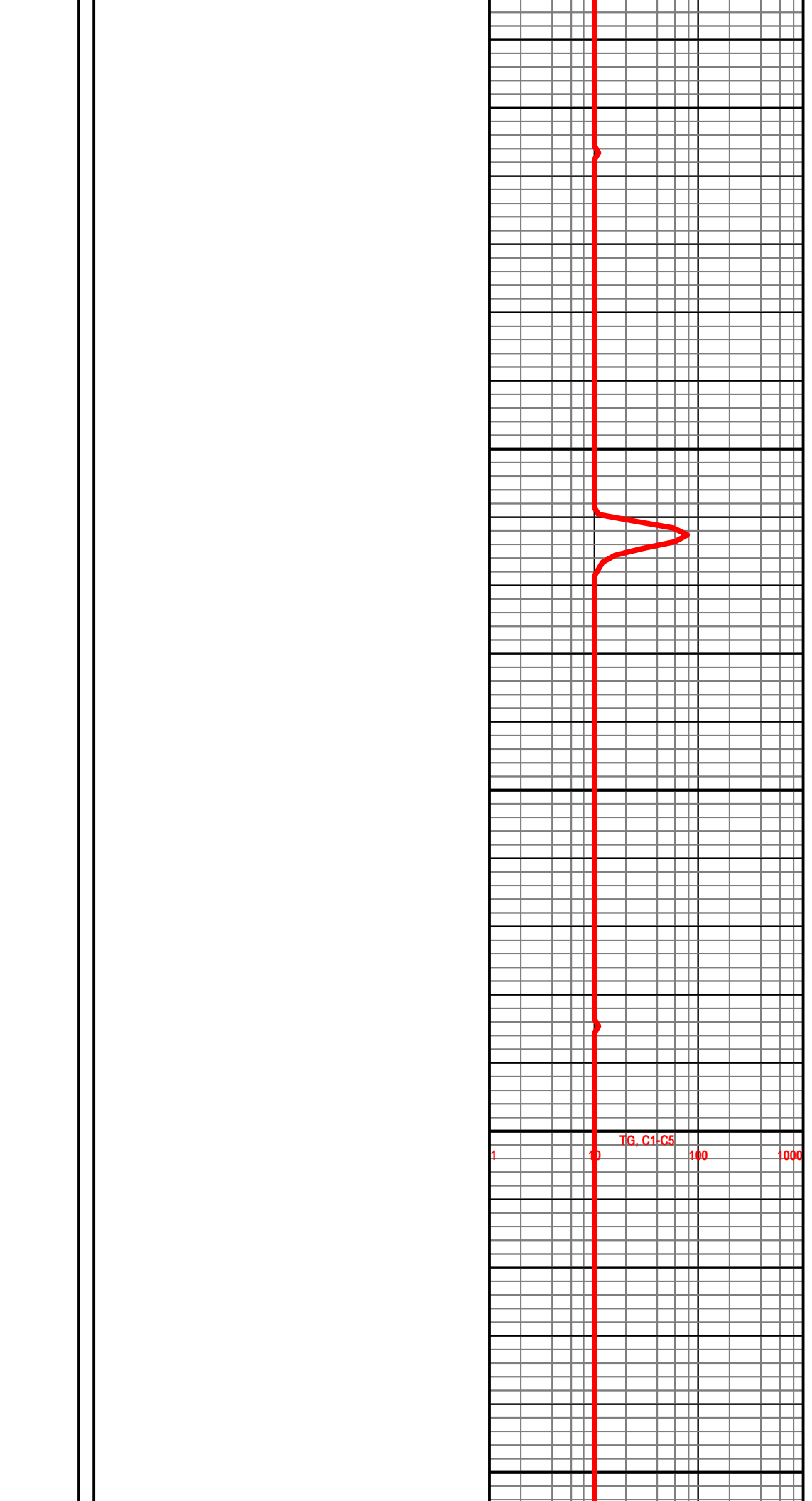
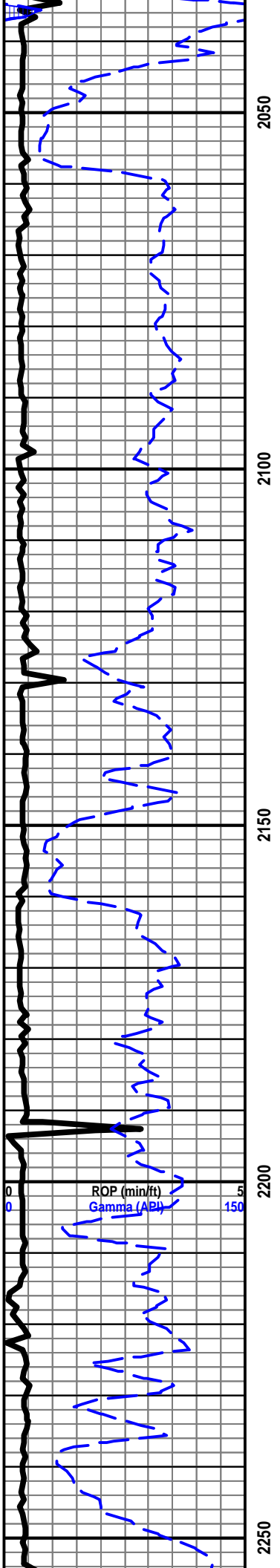


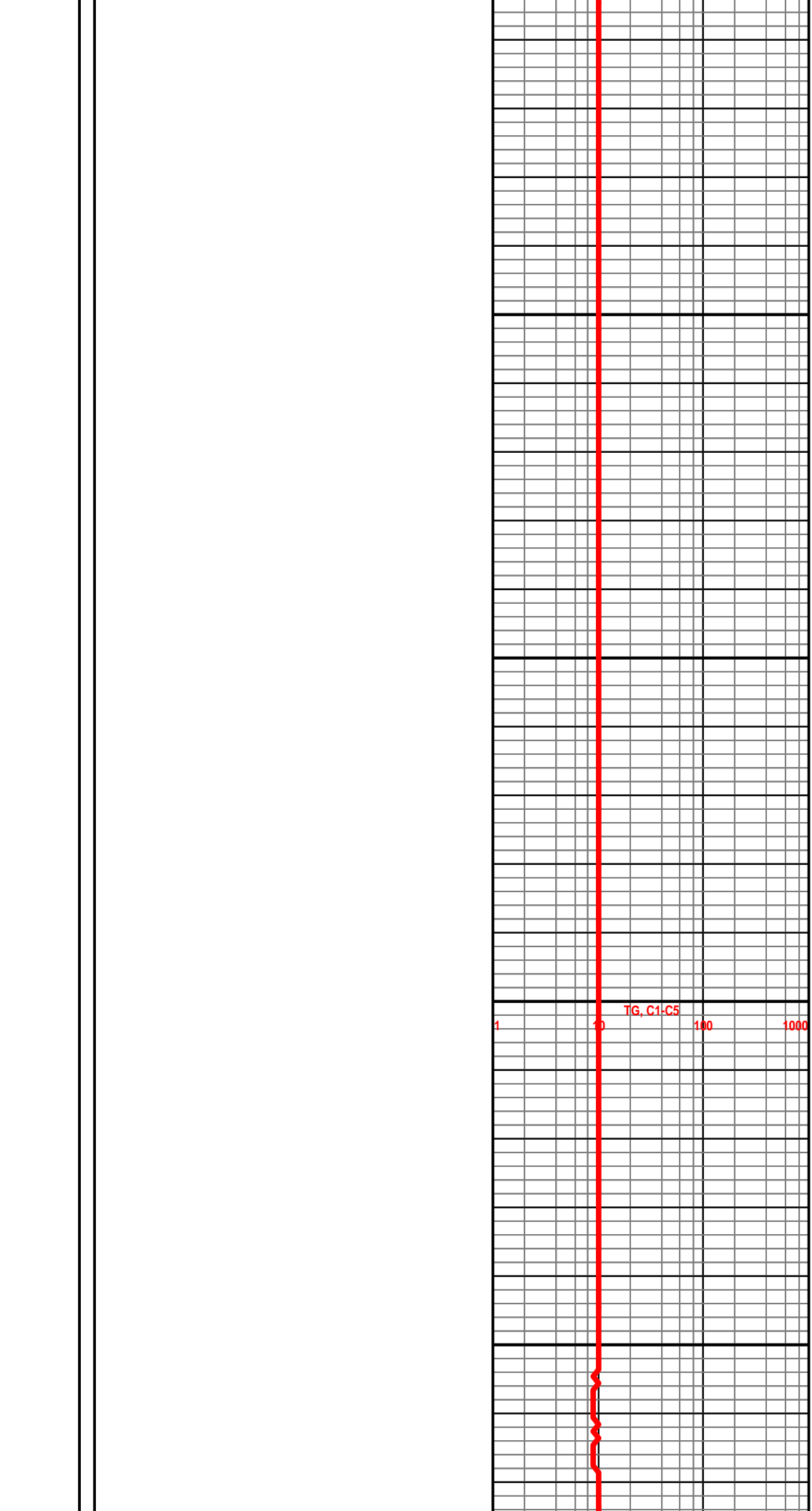
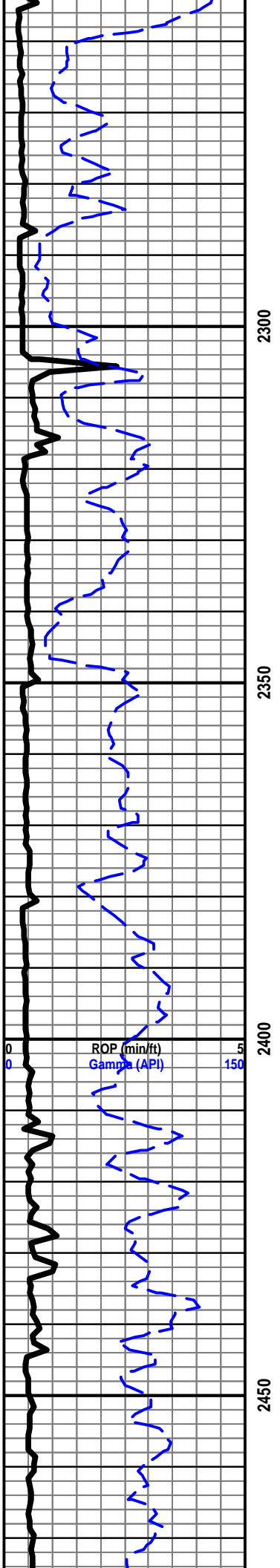


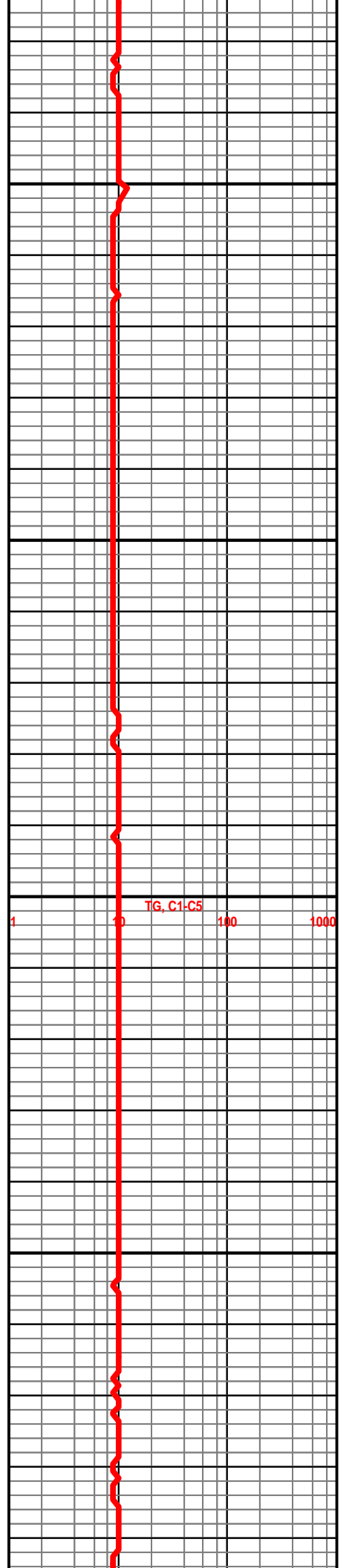
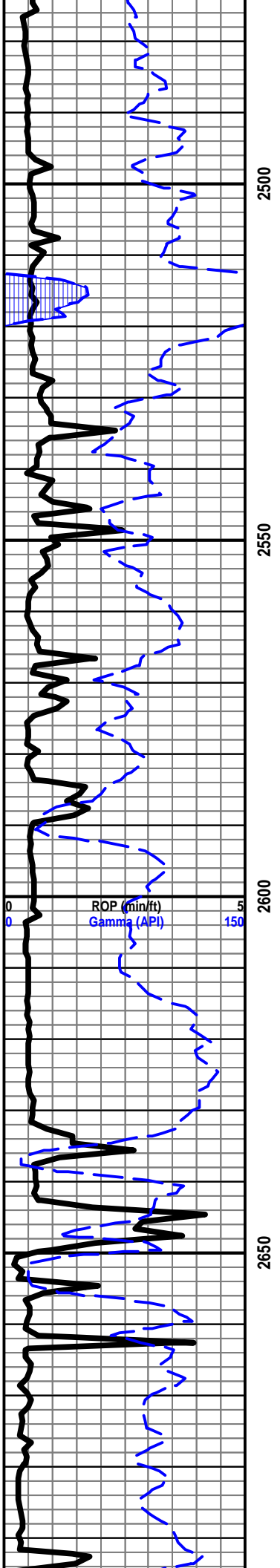


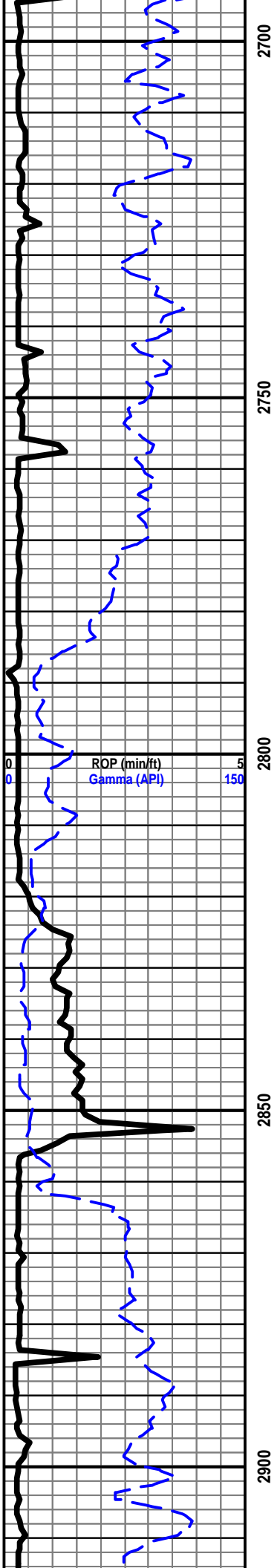




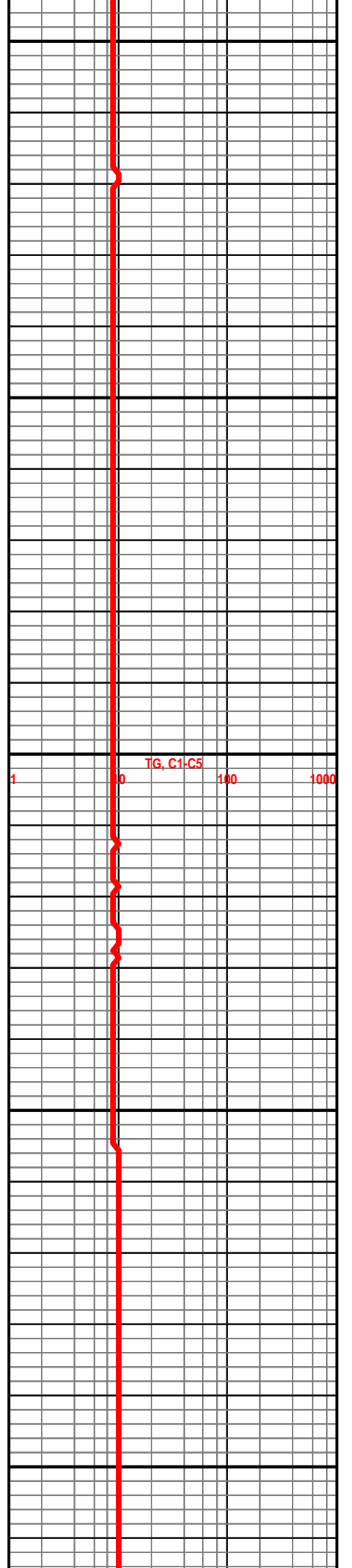


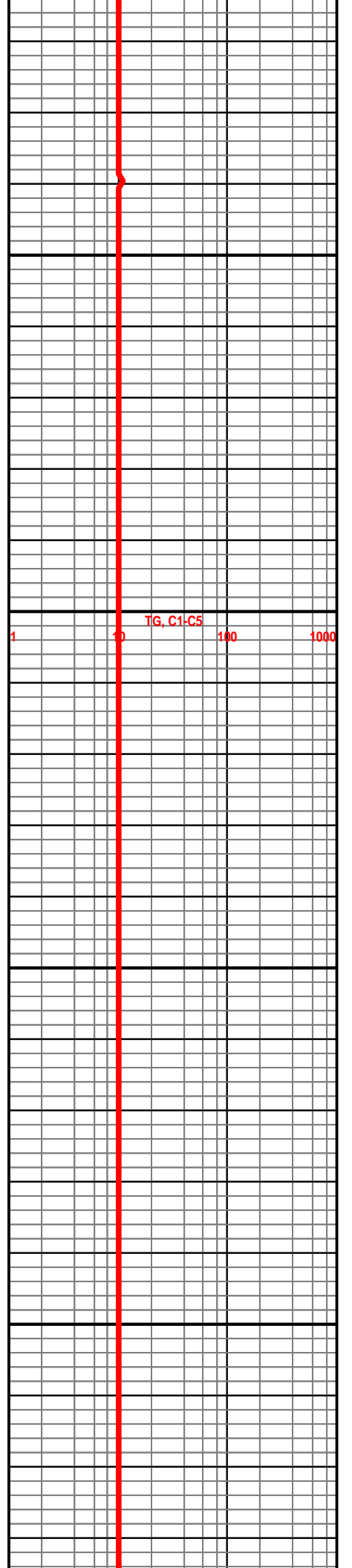
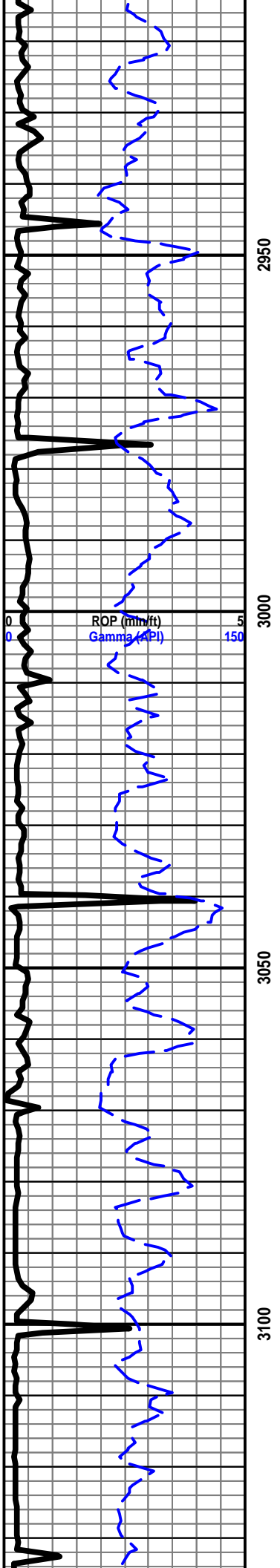


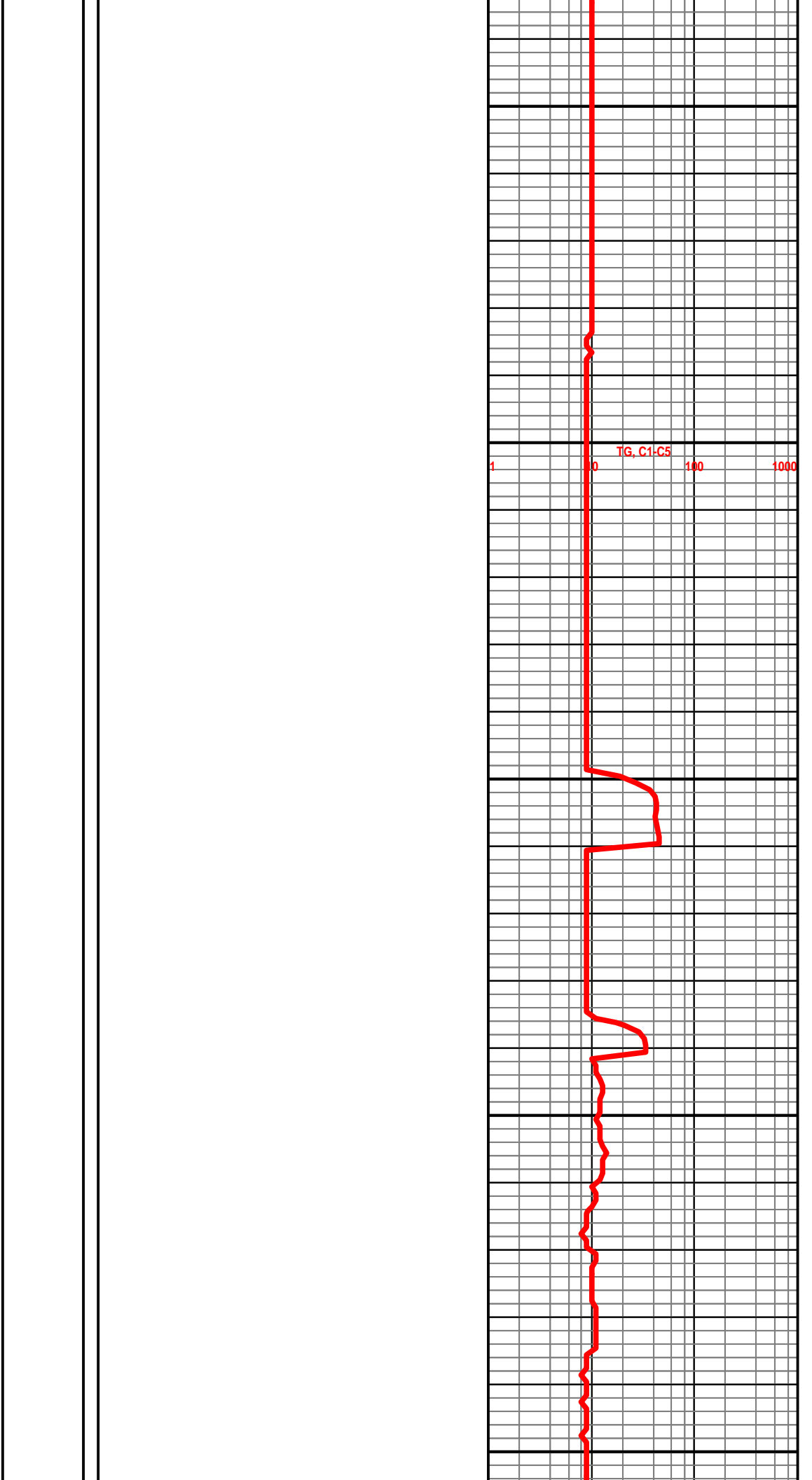
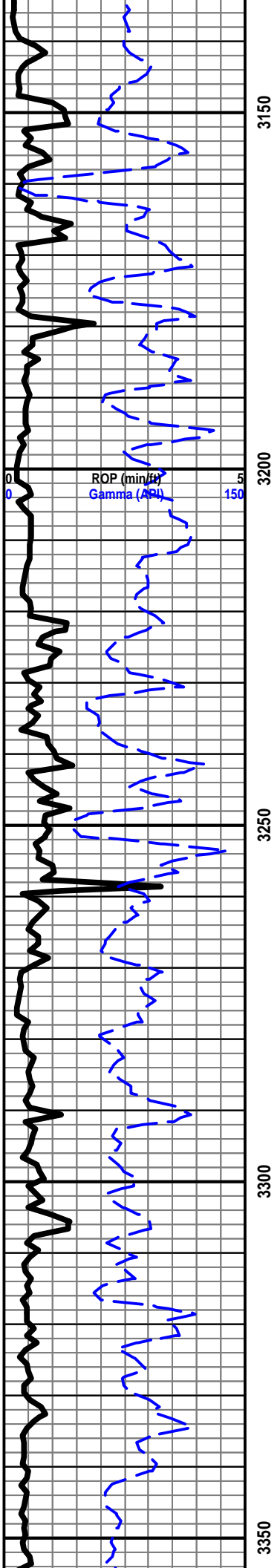


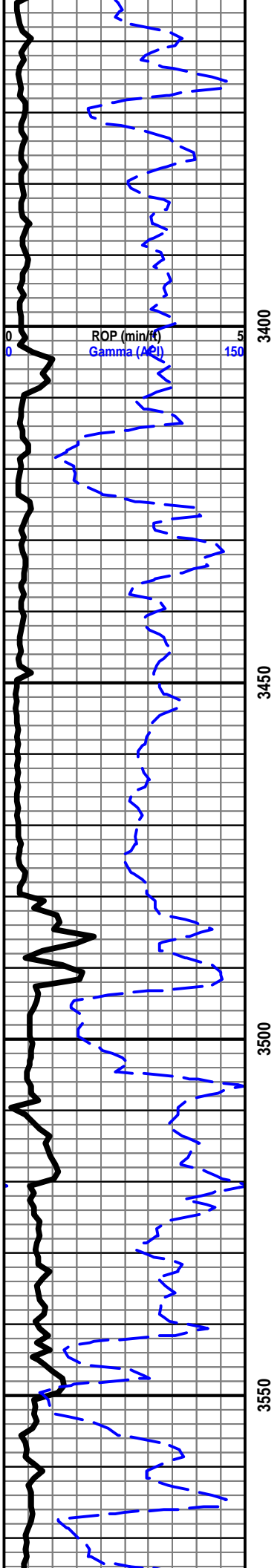


STONE CORRAL 2825' (315')

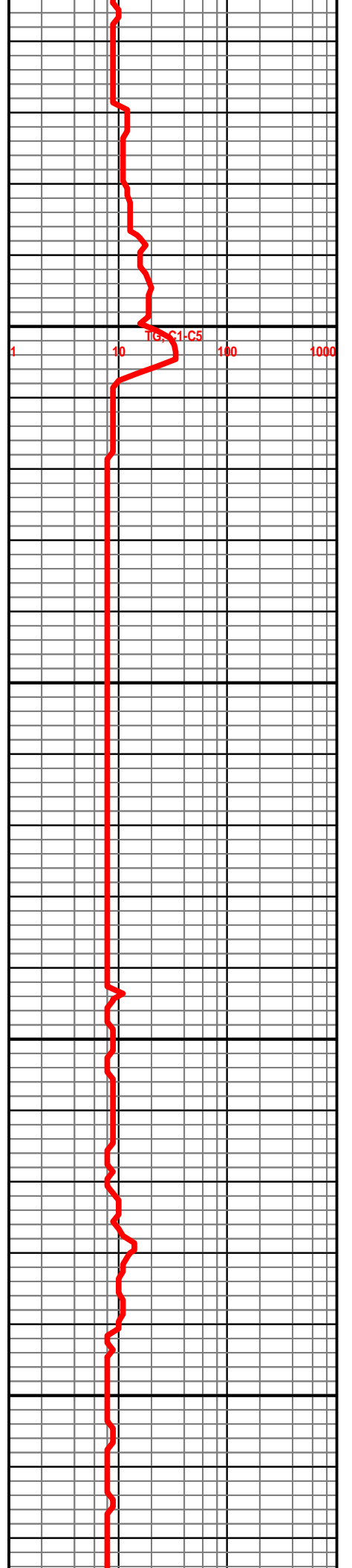


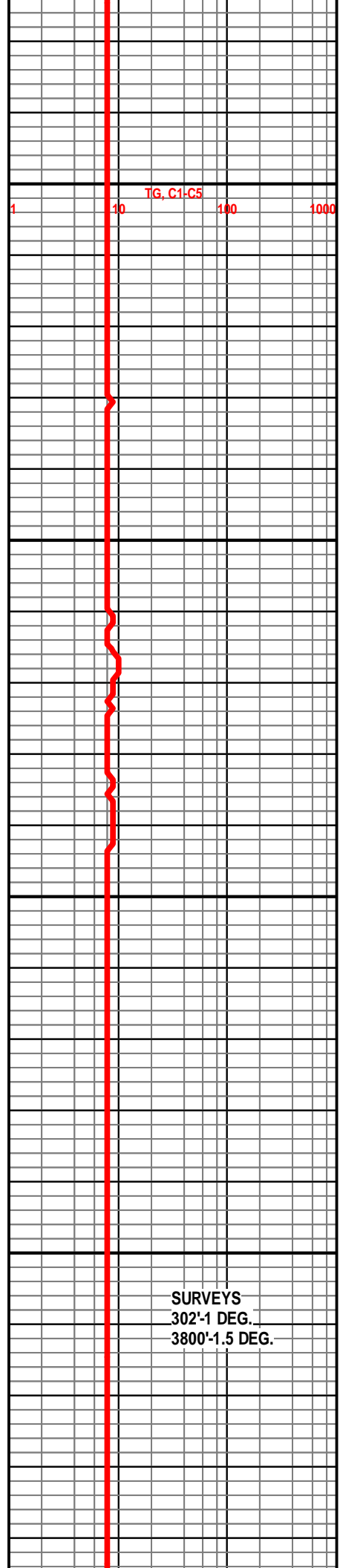
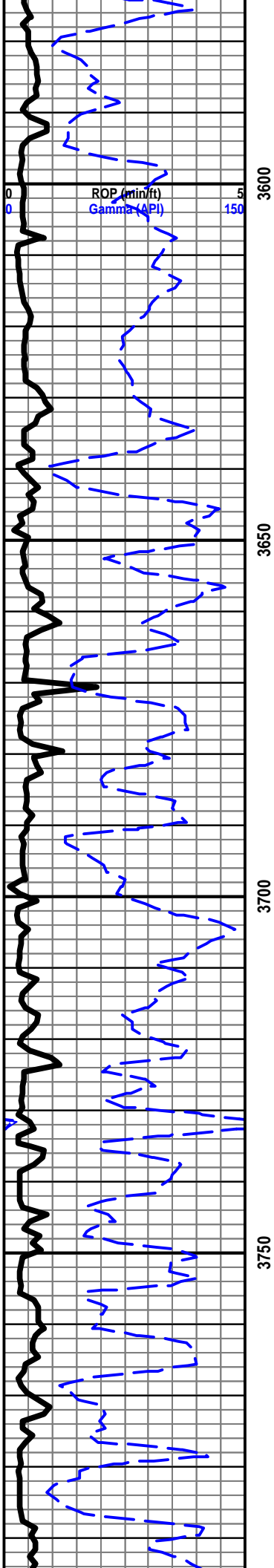






MUD DISPLACEMENT @ 3488'





BIT #2 TRI-CONE
 H-C GX20C
 SERIAL # 5246043
 SIZE 7 7/8
 JETS 3-15'S

SURVEYS
 302'-1 DEG.
 3800'-1.5 DEG.

BIT TRIP @ 3800'
 STRAP .10 LONG TO BOARD

START 24 HR MANNED UNIT 10/10/14

LS- OFF WHT TO CRM LT GY IP, HD DNS TO BRTT IP, F/MD-XLN, IMBD FOSS FRGS THRU, TR SFT WHT CHLK IN TRAY, DLL YEL MIN FLO IN 30%, NO VIS POR, NO VIS CUT OR SHOW

SH- GY TO MD GY, V FRM TO TR SFT IP, BLCKY SMTH TXT, V CALC, TR INTER-BD LS

LS- OFF WHT TO WHT RD IP, HD DNS, VF/F-XLN, TR IMBD RD SH IP, TR IMBD SM FOSS FRGS, NO VIS FLO, NO VIS POR, NO VIS CUT OR SHOW

SH- RD TO BRN, SFT TO GMMY IP, BLKCY, SLTY TXT, TR SFT WHT CHLK IN TRAY

LS- OFF WHT TO CRM RD IP, HD DNS TO TR BRTT IP, F/MD-XLN, S-CHLKY, TR IMBD FOSS FRGS IP, DOLO IP, TR IMBD RD SH, V DLL YEL TO YEL MIN FLO IN 50%, NO VIS POR, NO VIS CUT OR SHOW

TOPEKA 3872' (-732')

3875'-3877' LS- CRM BFF TO LT TN (W/ BLK TAR STN IN 20%), HD DNS TO BRTT IP, MD-XLN, RE-XLN IP, S-CHLKY, ABDT SFT TO GMMY WHT CHLK THRU, TR SCAT IMBD SM FOSS FRGS, V DLL YEL FLO IN 30%, TR PR INTER-FOSS POR IP, WK FLSH CUT, PR TO FR SLW STRM IN 20%, NO VIS LCH ON DSH, NO OIL ODOR

LS- LT TN TO TN CRM IP, HD DNS TO BRTT, MD/F-XLN, RE-XLN, S-SUCRO, ABDT IMBD MICRO-FOSS FRGS THRU, HVY TR SFT WHT CHLK IN TRAY, DLL YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHOW

LS- CRM BFF TO LT TN, HD DNS, VF/F-XLN, S-SUCRO IP, IMBD SM FOSS FRGS IP, SCAT IMBD SM CALC-XLS IP, DLL YEL MIN FLO IN 40%, NO VIS POR, NO VIS CUT OR SHOW

SH-RD DK RD GY, SFT TO FRM IP, BLCKY SLTY TXT

SH-RD TO LT RD BRN, FRM TO SFT IP, V SLTY TXT, IMBD V/V/F-GRNS THRU, TR SFT WHT CHLK IN TRAY

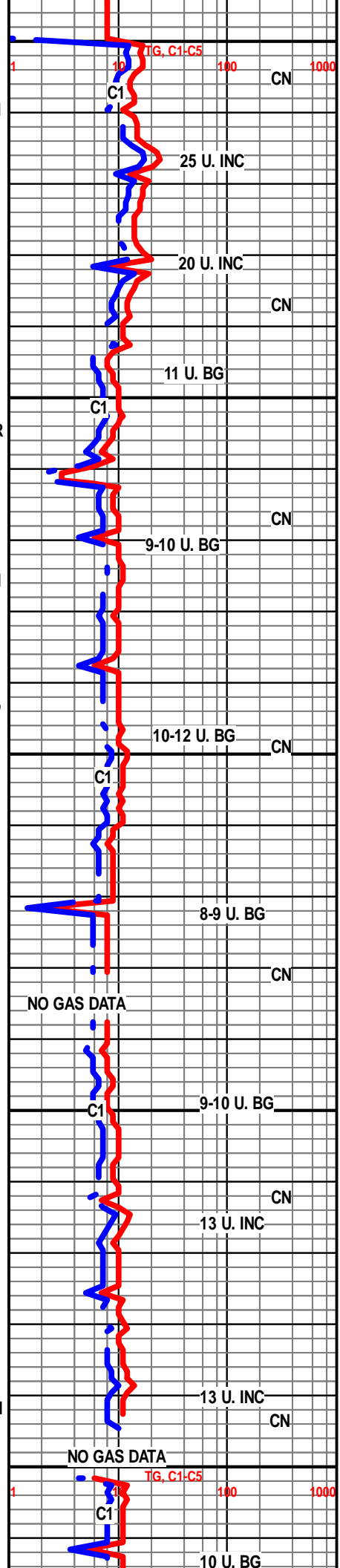
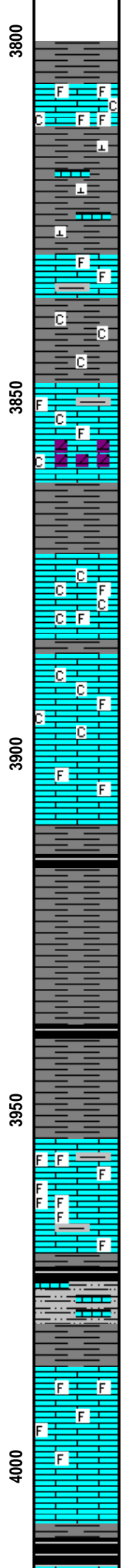
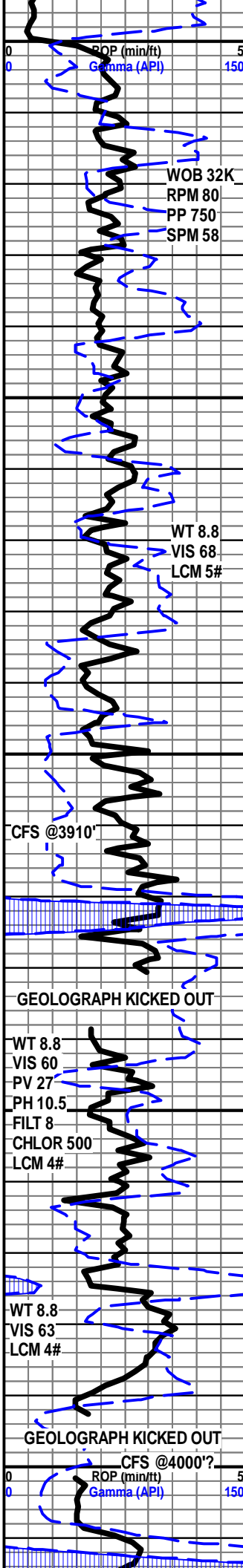
LS-OFF WHT TO CRM, HD DNS TO GRTT, MD-XLN, RE-XLN, S-CHLKY, HV TR IMBD FOSS FRGS THRU, TR IMBD RD SH IP, DLL YEL MIN FLO IN 30%, NO VIS POR, NO VIS CUT OR SHOW

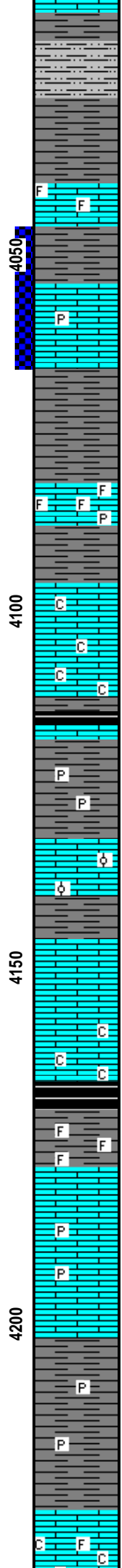
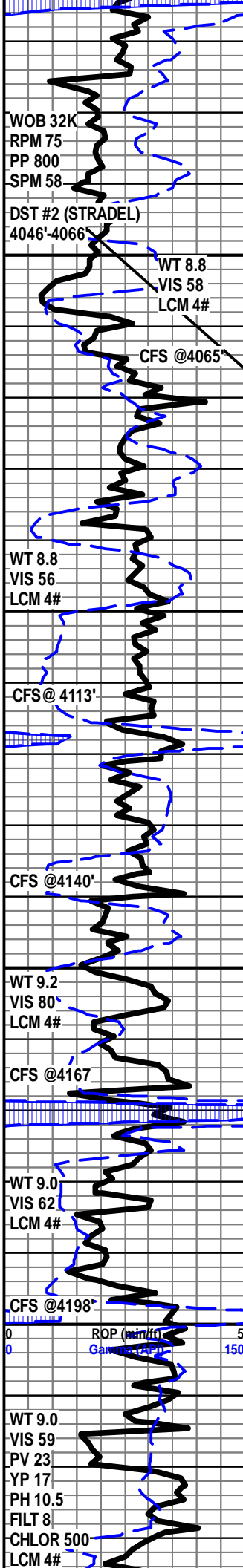
SLTY LS-LT GY TO GY OFF WHT IP, HD DNS, ABDT IMBD V/V/F-GRN THRU, TR IMBD LS, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS- LT TN TO CRM BFF, HD DNS TO BRTT IP, MD/F-XLN, S-SUCRO, RE-XLN IP, HV TR IMBD MICRO-FOSS, IMBD SM CALC-XLS THRU, DLL YEL MIN FLO THRU, V PR TO PR INTER-XLN POR IN 2%, PR MICRO VUG POR IN 1%, NO VIS CUT OR SHOW

HEEBNER 4009' (-869')

4025'-4027' SLTY SS GY TO LT GY (W/BLK TAR STN IN





4023'-4027' SLTY SS-GT TO LT GT (W/BLK TAR STN IN 60%) HD TT TO FRI, IMBD V/V/F-GRNS THRU, SIL CMNT GRDNG TO CALC CMNT, HV TR IMBD GY SH, SLTY SS, NO VIS FLO, TR PR INTER-GRN POR IP, NO FLSH CUT, PR SLW STRMS IN 10%, NO LCH ON DSH, NO OIL ODOR

4041'-4043' LS-OFF WHT TO WHT (W/TN TO DK TN OIL STN IN 30%) HD DNS, MD-XLN, RE-XLN MTRX, S-SUCRO, IMBD SM CALC-XLS, TR IMBD LG FOSS FRGS, DLL YEL FLO IN 30%, YEL GLD FLO IP, PR TO FR INTER-XLN POR IN 3%, FR TO TR GD VUG POR IN 1%, FR FLSH CUT, FR TO PR SLW STRM IN 40%, V LT TN LCH ON DSH, NO OIL ODOR

LANSING 4053' (-913')

LS-CRM BFF TO LT TN, HD DNS TO BR TT, MD/F-XLN, S-SUCRO IP, SCAT IMBD CALC-XLS IP, TR IMBD PYR IP, SLI TR SFT WHT CHLK, DLL YEL FLO IN 50%, FR TO TR GD VUG POR IN 4%, TR PR VUG POR IP, NO VIS CUT OR SHOW

4084'-4088' LS-OFF WHT TO CRM (W/DK BRN TO BRN OIL STN IN 30-40%), HD DNS TO BR TT IP, F-XLN, RE-XLN MTRX, S-SICRO, HV TR IMBD MICRO FOSS THRU, IMBD LG TO MD CALC-XLS, TR IMBD DISS PYR, YEL GLD TO BR YEL GLD FLO IN 30%, PR TO FR INTER-FOSS POR IN 2%, PR INTER-XLN POR IP, GD FLSH CUT, GD SLO STRM THRU, DK TN LCH ON DSH, LT OIL ODOR

LANSING "D" 4096' (-956')

LS-CRM BFF TO OFF WHT, HD DNS TO TR BR TT IP, V/F-XLN, S-CHLKY, TR IMBD V SM CALC-XLS IP, DLL YEL FLO IN 30%, NO VIS POR, NO VIS CUT OR SHOW

SH- BLK SFT CARB

SH-RD TO DK RD SFT TO FRM, GMMY IP, BLKY TR IMBD DISS PYR

4137'-4139' LS- CRM TO OFF WHT (W/TN TO DK TN OIL STN IN 20%), HD DNS, F-XLN, RE-XLN, S-SUCRO IP, TR IMBD OOL, SLI TR IMBD CALC-XLS, DLL YEL FLO IN 20%, TR SPTTD BR YEL GLD FLOR IP, PR TO FR INTER-XLN POR IN 1%, GD INTER-XLN POR IP, PR TO FR FLSH CUT, FR SLW STRM IN 30%, LT TN LCH ON DSH, NO OIL ODOR

LANSING "G" 4143'(-1003')

4148'-4151' LS-CRM TO OFF WHT (W/ TN OIL STN IN 20%), HD DNS BR TT IP, V/F-XLN, S-CHLKY IP, TR IMBD, CALC-XLS IP, DLL YEL FLO IN 20%, FR TO TR GD INTER-XLN POR IN 2%, WK FLSH CUT, FR SLW STRM IN 10%, NO LCH ON DSH, NO OIL ODOR

LS-OFF WHT TO CRM BFF, HD DNS, V/F-XLN, S-CHLKY, HVY TR SFT TO FRM CHLK IN TRAY, DLL YEL TO YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHOW

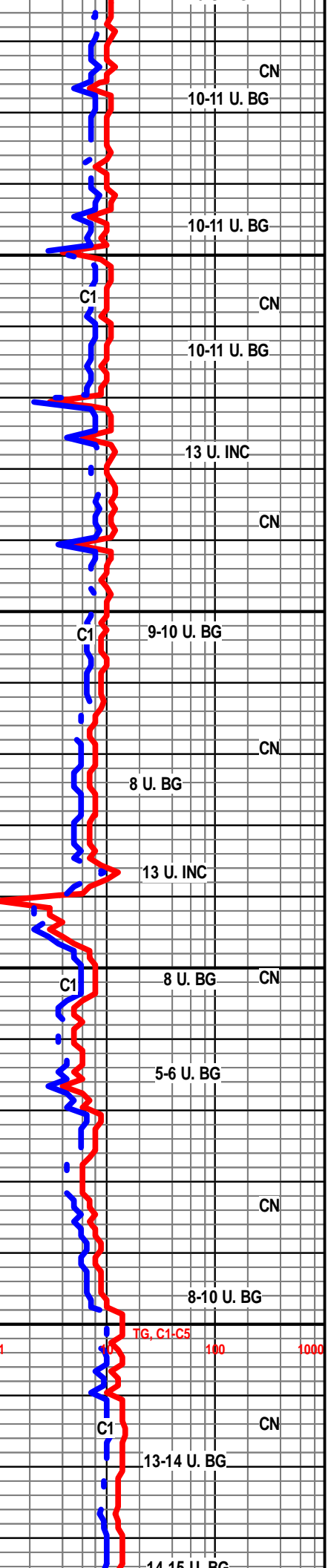
SH-GY TO MD GY RD IP, V FRM TO SFT, BLCKY, TR IMBD LG FOSS THRU

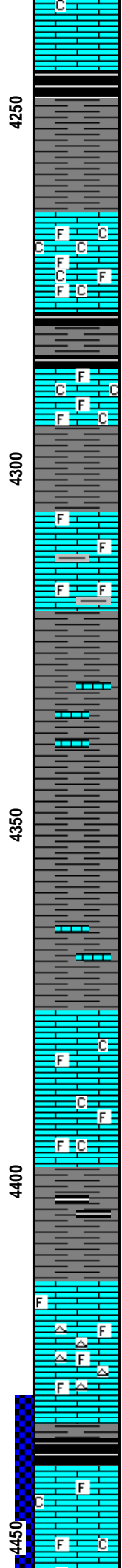
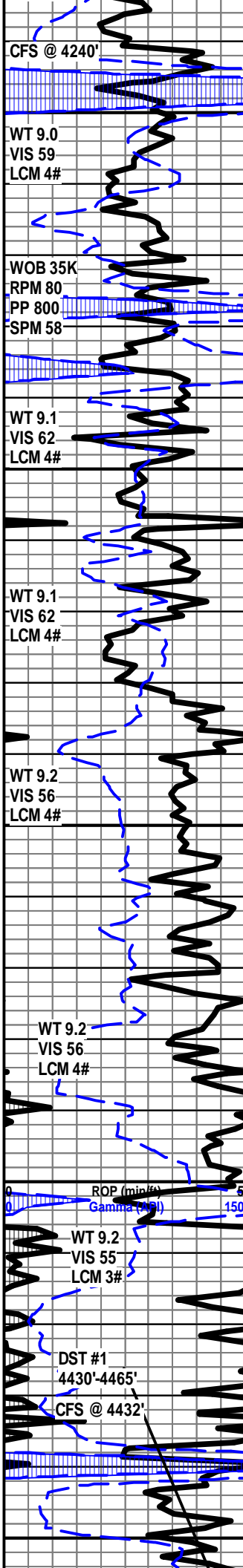
LS-OFF WHT TO CRM BFF, HD DNS, V/F-XLN, S-SUCRO IP, TR IMBD SM CLR QRTZ GRNS, TR PYR CLSTRS, DLL YEL FLO THRU, PR TO TR FR VUG POR IN 1%, TR FR INTER-XLN POR IP, NO VIS CUT OR SHOW

SH- GY TO MD GY, SFT TO FRM IP, SPLNTY SMTH TXT, W/ RD TO DK RD, FRM TO SFT, BLCKY V SLTY TXT, TR PYR CLSTRS IP

LANSING "J" 4226' (-1086')

LS- LT TN TO CRM BFF, HD DNS TO BR TT, V/F-XLN, RE-XLN IP, S-SUCRO, TR IMBD CLR QRTZ GRNS, TR SFT TO GMMY WHT CHL K IN TRAY, SLI TR IMBD FOSS FRGS





TO CRIM WHT CRIM TRAY, HD DNS, VF/F-XLN, RE-XLN IP, DLL YEL TO YEL FLO THRU, FR MICRO-VUG POR IN 1%, PR INTER-XLN POR IN 1%, NO VIS CUT OR SHOW

SH-RD TO BRN GY MOTT, SFT TO FRM IP, BLCKY SLTY TXT,

LS-CRM BFF TO OFF WHT, HD DNS TO BRTT IP, FV/F-XLN, S-CHLKY IP, HV TR IMBD FOSS FRGS THRU, V DLL TO DLL YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR SHO

LS-CRM BFF, HD DNS, VF/F-XLN, S-SUCRO IP, HVY TR IMBD FOSS FRGS THRU, TR SFT TO FRM WHT CHLK IN TRAY, TR INTER-BD SH, DLL YEL MIN FLO IN 20%, NO VIS POR, NO VIS CUT OR SHO

BKC 4295' (-1155')

SH-LT GY TO GY RD MOTT, V FRM TO SFT, BLCKY SMTH TXT, W/GRN CLY IP

LS-CRM TO OFF WHT LT GY, V HD DNS, VF-XLN, S-SUCRO, HV TR IMBD GY SH, SLI TR FREE FOSS IN TRAY, NO VIS FOR, NO VIS POR, NO VIS SHOW

SH-RD TO BRN GY MOTT, SFT TO FRM IP, TR GMMY, BLCKY SLTY TXT

SH-RD TO GY PURP GRN, SFT TO FRM BLCKY SLTY TXT, TR INTER-BD LS

SH- GY TO MD GY RD, V FRM TO SFT IP, BLCKY, SLTY TXT, V CALC, TR PYR CLSTRS

SH- RD TO DK RD, FRM TO SFT, BLCKY, V CALC, TR INTER-BD LS

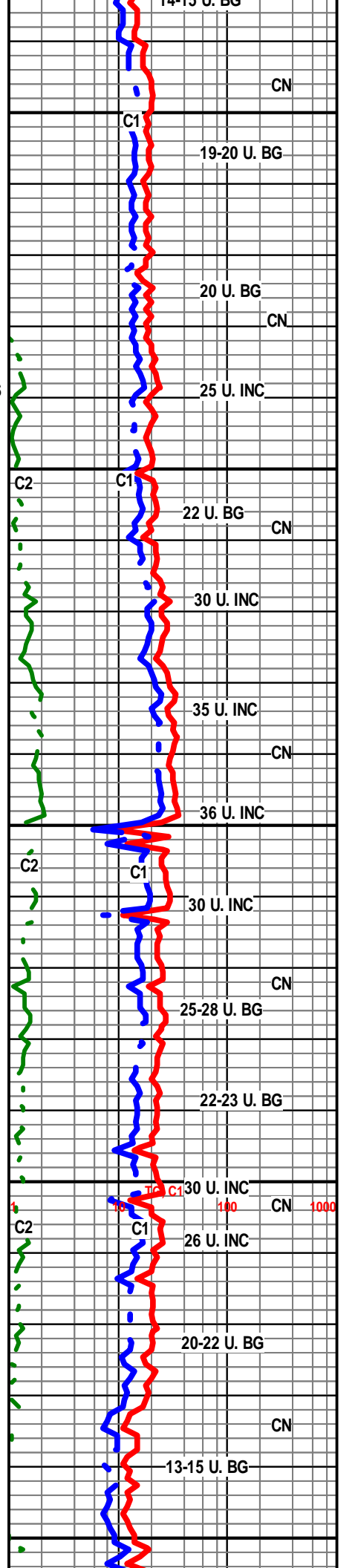
LS- OFF WHT TO CRM LT TN IP, HD DNS, VF/F-XLN, RE-XLN IP, TR IMBD FOSS FRGS IP, SLI TR IMBD SM CALC-XLS, TR FRM TO SFT WHT CHLK IN TRAY, DLL YEL MIN FLO IN 50%, NO VIS POR, NO VIS CUT OR SHOW

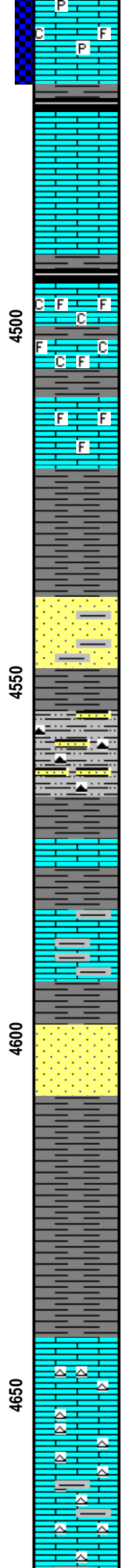
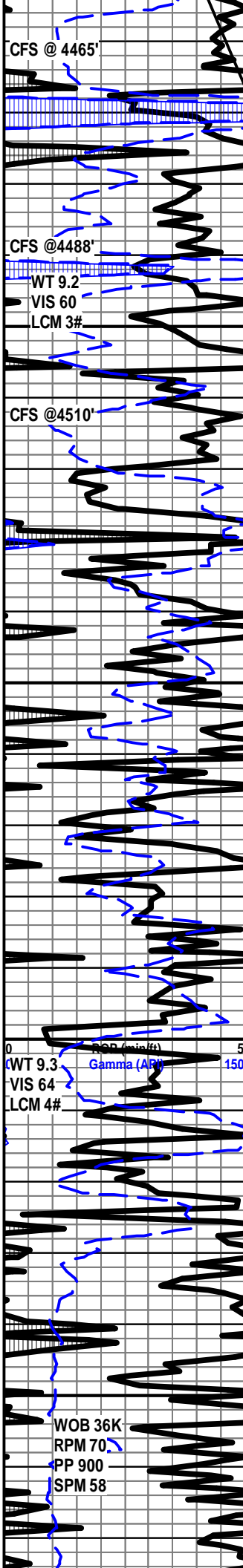
LABETTE SHALE 4401' (-1261')

SH- GY TO DK GY, SFT TO GMMY IP, SPNLTY, SMTH TXT, W/ TR BLK SFT CARB IP

LS- OFF WHT TO CRM WHT IP, HD DNS, VF/F-XLN, RE-XLN IP, S-SUCRO, IMBD SM CLR QRTZ GRNS, HVY TR CLR TO WHT CHRT IN TRAY, TR IMBD LG CALC-XLS IP, YEL MIN FLO IN 20%, NO FLO IN 80%, NO VIS POR, NO VIS CUT OR SHOW

4443'-4447' LS- CRM TO LT TN (W/ TN TO DK TN OIL STN IN 30%), HD DNS TO TR BRTT IP, MD/F-XLN, RE-XLN, SUCRO, IMBD SM CLR QRTZ GRNS, TR IMBD SFT WHT CHLK IP, SLI TR FREE FOSS IN TRAY, DLL YEL FLO IN 20%, BRT YEL GLD FLO IN 20%, PR TO FR INTER-XLN





POR IN 2%, TR PR MICRO-VUG POR IN 1%, FR FLSH CUT, FR TO GD SLW STRM IN 30%, V LT TN LCH ON DSH, NO OIL ODOR

FORT SCOTT 4471' (1331')

LS- LT TN TO TN CRM IP, V HD DNS, VF/CRYPTO-XLN, S-SUCRO IP, TR IMBD CALC-XLS IP, DLL YEL MIN FLO IN 50%, NO VIS POR NO VIS CUT OR SHOW

CHEROKEE 4493' (-1353')

LS-OFF WHT TO CRM, HD DNS, VF-XLN, RE-XLN, S-CHLKY, HVY TR IMBD FOSS FRGS, TR IMBD SFT WHT CHLK, IMBD CALC-XLS IP, DLL YEL TO YEL FLO IN 30%, NO VIS POR, NO VIS CUT OR SHOW

LS-CRM TO OFF WHT V HD DNS, VF/F-XLN, S-CHLKY, TR IMBD FOSS FRGS, TR IMBD SM CLR QRTZ GRNS, DLL YEL MIN FLO IP, NO VIS POR, NO VIS CUT OR SHOW

SH-RD GRN PURP GY, FRM BLCKY TO SFT SPLNTY, SLTY TXT IP, W/GRN SMTH CLY,

SS-WHT TO FRSTY CLR, HD TT IMBD, SM TO MD S-RND TO ANG QRTZ GRNS, SIL CMNT GRDNG TO CALC-CMNT, TR IMBD CHLOR IP, HV TR IMBD SH, NO VIS FLO, TR PR INTER-GRN POR IP, NO VIS CUT OR SHOW

SLTY SS-WHT TO CLR GY, HD TT, IMBD V//F-GRNS QRTZ, HVY TR LG PRED UNCONSOLIDATED QRTZ GRNS THRU, HV TR ORNG CHRT, TR INTER-BD SH THRU, NO VIS FLO, NO VIS POR, NO VIS SHOW

LS-OFF WHT TO CRM YEL, HD DNS VF/F-XLN, HVY TR IMBD YEL CLY, TR WHT CHRT, YEL MIN FLO SCAT IN 20%, NO VIS POR, NO VIS CUT OR SHOW

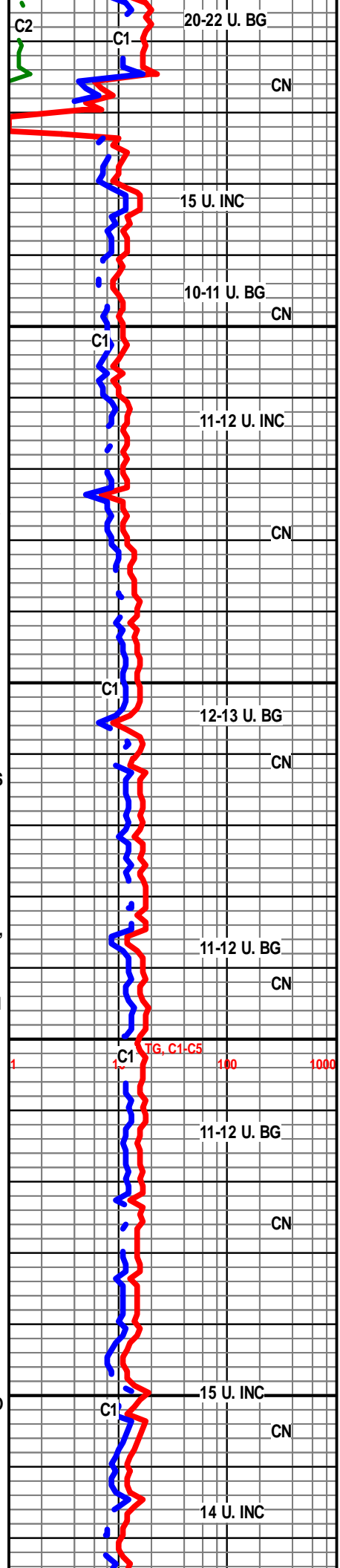
SS-WHT TO FRSTY CLR ORNG IP, HD TT TO FRI, IMBD SM TO MD S-ANG QRTZ GRNS, TR LG PRED UNCONSOLIDATED QRTZ GRNS, SIL CMNT, FR SRT, IMBD ORNG CHRP, TR IMBD SH IP, NO VIS FLO, FR TO PR INTER-GRN POR IN 5%, NO VIS CUT OR SHOW

SH-RD PRP YEL, SFT TO FRM IP, SPLNTY SMTH TXT, TR PRED UNCONSOLIDATED QRTZ GRNS

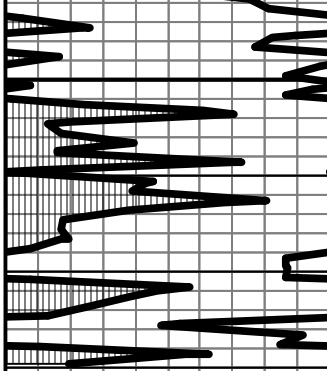
MISSISSIPPIAN 4643" (-1503')

LS-OFF WHT BFF, HD DNS. F-XLN, TT SUCRO MTRX, WTHRD, ABDT CLR TO WHT CHRT THRU TRAY, TR IMBD WHT CHRT, DLL YEL TO YEL MIN FLO IP, NO VIS POR, NO VIS CUT OR SHOW

LS-OFF WHT TO CRM, HD DNS, VF/F-XLN, S-SUCRO, WTHRD IP, ABDT CLR TRANS CHRT THRU TRAY, TR INTER-BD GRN CLY, TR V DLL YEL MIN FLO IP, NO VIS POR NO VIS CUT OR SHOW



WT 9.4
VIS 60
LCM 3#



CFS @4730'
30,60

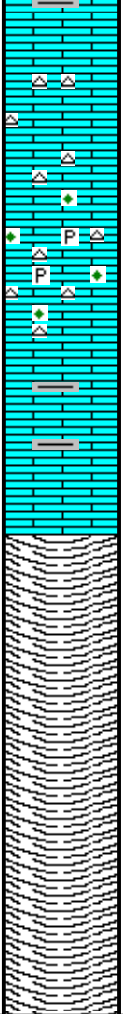
R.T.D @ 4730'

SHORT TRIP
10 STANDS

C.T.C.H. 1.5 HRS

4700

4750



LS-WHT TO OFF WHT, HD DNS, V/F-XLN, V TT SUCRO,
WTHRD IP, ABTD CLR TRANS CHRT THRU TRAY, TR IMBD
WHT CHRT, DLL YEL FLO IN 30%, NO VIS POR, NO VIS
CUT OR SHOW

LS-WHT TO OFF WHT CRM IP, HD DNS, F-XLN, TT SUCRO
MTRX, WTHRD, HVY TR IMBD CHLOR, TR IMBD PYR,
ABTD CLR TRANS CHRT THRU, NO VIS FLO, NO VIS POR,
NO VIS SHOW

LS-OFF WHT TO CRM, HD DNS TO BRTT IP, F-XLN, V TT
SUCRO MTRX, WTHRD IP, DOLO IP, TR INTER-BD RD SH,
V DLL YEL MIN FLO THRU, NO VIS POR, NO VIS CUT OR
SHOW

R.T.D. @ 10:45 P.M. 10/13/14

DROP SURVERY

T.O.F.L @ 2:00 A.M. 10/14/14

WEATHERFORD/LIBERAL, KS

LOGGERS T.D. 4730'

11-12 U. BG

CN

10-11 U. BG

C1

CN

10-11 U. BG

R.T.D @ 4730'

SAMPLES WILL BE DELIVERED TO KGS

THANK YOU FOR CHOOSING EATH TECH

LOGGED BY:
SCHUYLER HEDRICK/
BLAKE WARD