KOLAR Document ID: 1477020

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 # 34318
Name: BEREXCO LLC
Address 1: 2020 N. BRAMBLEWOOD
Address 2:
City: WICHITA State: KS Zip: 67206 + 1094
Contact Person: Jon Hayward
Phone: (316) 265-3311
CONTRACTOR: License # 34318
Name: BEREXCO LLC
Wellsite Geologist: Brian Bynog
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 #:

10/9/2019 Spud Date or Recompletion Date
10/18/2019 Date Reached TD
10/19/2019 Completion Date or Recompletion Date

API No.: 15-193-21057-00-00
Spot Description:
E2 - NW - SE - SE Sec. 15 Twp. 10 S. R. 33 ☐ East ☑ West
990 Feet from ☐ North / ☑ South Line of Section
907 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Thomas
Lease Name: RHONDA Well #: 1
Field Name:
Producing Formation: NA
Elevation: Ground: 3145 Kelly Bushing: 3154
Total Vertical Depth: 4800 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 391 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: 17000 ppm Fluid volume: 600 bbls
Dewatering method used: Evaporated
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: 10/25/2019
☐ **Confidential Release Date:** 10/24/2021
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 10/25/2019

Operator Name: BEREXCO LLC Lease Name: RHONDA Well #: 1

Sec. 15 Twp. 10 S. R. 33 ☐ East ☑ West County: Thomas

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	4053	-899
Lansing	4093	-939
Ft Scott	4571	-1417
Mississippi	4707	-1553

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	391	Class C	300	3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	RHONDA 1
Doc ID	1477020

All Electric Logs Run

Porosity
Resistivity
Sonic
Microlog

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	RHONDA 1
Doc ID	1477020

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	391	Class C	300	3% CC

OCT 15 2019

BASIC ENERGY SERVICES

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000335	1718	10/10/2019

INVOICE NUMBER
93065235

Pratt (620) 672-1201

BILL TO
BEREXCO LLC
2020 N BRAMBLEWOOD
WICHITA
KS US 67206
ATTN: VICKEY LOVETTE

JOB SITE
LEASE NAME: Rhonda 1
LOCATION:
COUNTY: Thomas
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41192487	19919		Net - 30 days	11/09/2019

For Service Dates: 10/09/2019 to 10/09/2019

0041192487

171819802L Cement-New Well Casing/Pi 10/09/2019
Cement Surface Casing

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Class C Cement	300.00	SK	7.25	2,175.00 T
Calcium Chloride	846.00	LB	0.25	211.50 T
Celloflake	76.00	LB	1.00	76.00 T
Depth Charge, 0'-1000'	1.00	HR	300.00	300.00
Light Vehicle Mileage	75.00	MI	1.25	93.75
Heavy Equipment Mileage	150.00	MI	2.00	300.00
Ton Mileage	1,058.00	MI	0.75	793.50
Blending & Mixing Service Charge	300.00	SK	0.35	105.00
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	2.00	EA	35.00	70.00

RHONDA 1

BCP

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	4,199.75
TAX	197.00
INVOICE TOTAL	4,396.75

BASIC ENERGY SERVICES

1700 S. Country Estates Raod
Liberal, KS 67901
PH (620)-624-2277FAX (620) 624-2280

SERVICE ORDER - 1718 19802 L

TTL MHR 51

Date: 10/9/2019

Well Name: Rhonda # 1

Location: 15 - 10S - 33W

County - State: Thompson, Kansas

RRC #: 19919 -9

Type Of Service: Z-42 Cement Surface Casing

Customer's Order #: 1000335

Customer: Berexco LLC

Address: 2020 N. Bramblewood ✓
Wichita, Kansas 67206-1094

As a consideration, the above named Customer agrees to pay Basic Energy Services in accord with the rates and terms stated in Basic Energy Services current price lists. Invoices are payable NET 30 (SEE 10.2) after date of invoice. Upon Customer's default in payment of Customers account by such date, Customer agrees to pay interest thereon after default at 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all the collection costs and attorney fees. These terms and conditions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.

Basic Energy Services., warrants only title to the products, supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Services., liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services. Is expressly limited to the replacement of such products, supplies or materials or, at Basic Energy Services. option, to the allowance to the Customer of credit for the cost of such items. In no event shall Basic Energy Services be liable for special, indirect, punitive or consequential damages.

CODE	QTY	UOM	DESCRIPTION	PRICE	TOTAL
BC101	300	SK	Class C Cement	29.00	8700.00
CC109	846	LB	Calcium Chloride	1.00	846.00
CC102	76	LB	Celloflake	4.00	304.00
CC1	1	HR	Depth Charge, 0'-1000'	1200.00	1200.00
ME101	75	MI	Light Vehicle Mileage	5.00	375.00
ME102	150	MI	Heavy Equipment Mileage	8.00	1200.00
TM	1058	MI	Ton Mileage	3.00	3174.00
CE240	300	SK	Blending & Mixing Service Charge	1.40	420.00
BE143	1	Ea	Supervisor	75.00	75.00
Be144	2 ~~3~~	EA	Driver	35.00	70 ~~105.00~~
					16364
				Book Total:	~~$16,399.00~~
				Taxes:	4199.75
				Disc. Price:	~~$4,234.75~~

PUMP TRUCK NUMBER: 38117, 19919

DRIVER: Jesse Paxton, Oscar Chavez, Jose Martinez

	YES	NO
THIS JOB WAS SATISFACTORILY COMPLETED	☐	☐
OPERATION OF EQUIPMENT WAS SATISFACTORY	☐	☐
PERFORMANCE OF PERSONNEL WAS SATISFACTORY	☐	☐

Daniel Beck
BASIC ENERGY SERVICES

X
CUSTOMER OR HIS AGENT

TD

Customer Comments or Concerns:

BASIC ENERGY SERVICES

PRESSURE PUMPING

Job Log

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

Customer:	Berexco LLC	Cement Pump No.:	38117, 19919 9Hrs.	Operator TRK No.:	96816		
Address:	2020 N. Bramblewood	Ticket #:	1718 19802 L	Bulk TRK No.:	14355, 37724 Oscar		
City, State, Zip:	Wichita, Kansas 67206-1094	Job Type:	Z-42 Cement Surface Casing				
Service District:	1718 Liberal, Ks.	Well Type:					
Well Name and No.:	Rhonda # 1	Well Location:	15 - 10S - 33W	County:	Thompson	State:	Kansas

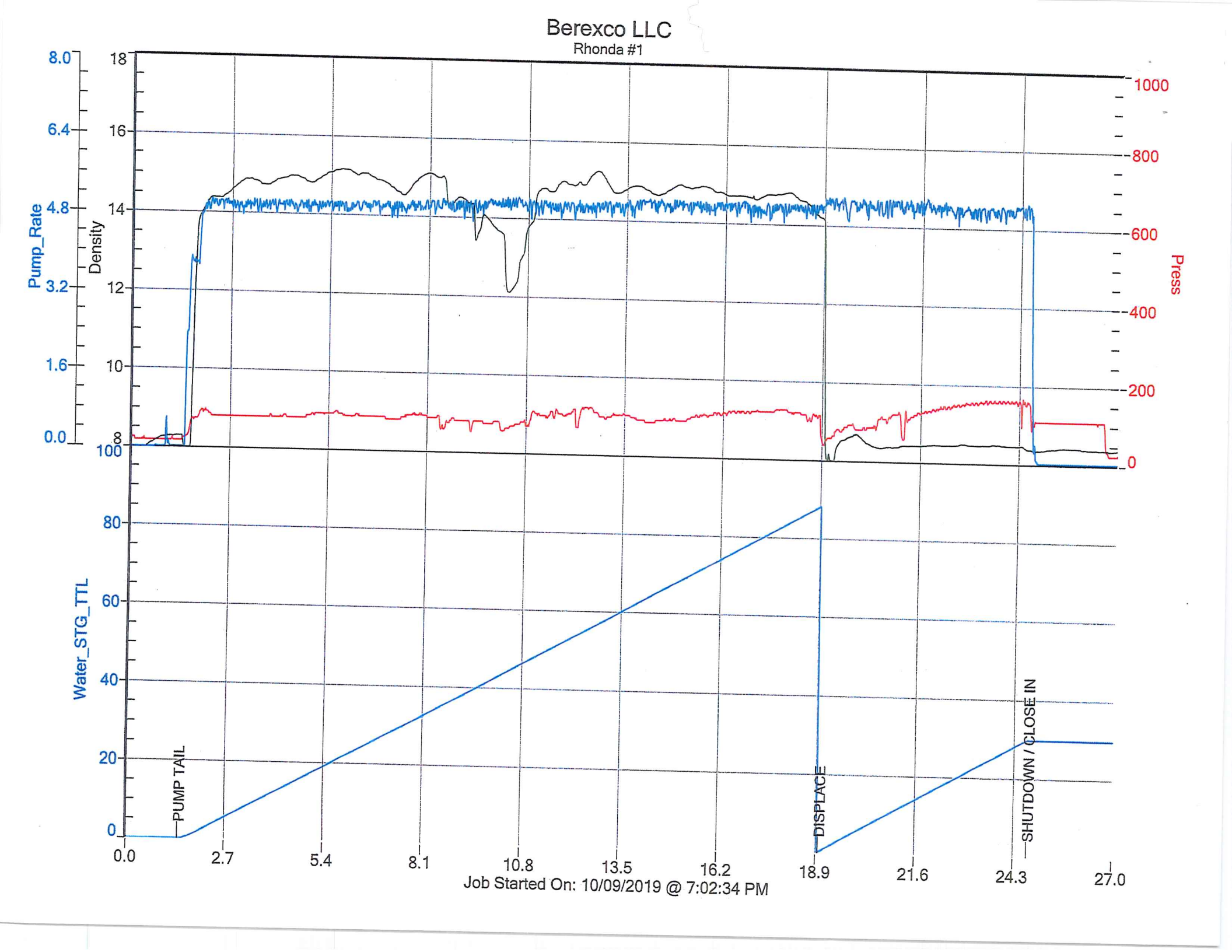
Type of Cmt	Sacks	Additives	Truck Loaded On		
Class C	300	3% Calcium Chloride, 1/4# Polyflake	14355, 37724 Oscar	Front	Back
				Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Tail:	14.8	1.35	6.35	405	TT Man Hours:	51
					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps T	Pumps C	Pressure(PSI) Tubing	Pressure(PSI) Casing	Description of Operation and Materials
10:30							ON LOCATION & SAFETY MEETING
13:00							RIG UP
6:49 PM							RIG TO CIRCULATE
7:00 PM	5	72.1 slurry				80	PUMP 300SX TAIL @ 14.8#
7:04 PM							SHUTDOWN / DROP PLUG
19:23	5.2	10				120	DISPLACE W/ BBLS
	5.2	20				160	
7:28 PM	5.1	22				170	SHUTDOWN / CLOSE IN
							JOB COMPLETE

Size Hole	12 1/4"	Depth				TYPE	Swage	
Size & Wt. Csg.	8 5/8" 24#	Depth	380	New / Used		Packer	Depth	
tbg.		Depth				Retainer	Depth	
Shoe Amount	20'	Type				Perfs	CIBP	

Customer Signature:	Basic Representative:	Daniel Beck
	Basic Signature:	Daniel Beck
	Date of Service:	10/9/2019


Berexco LLC
Rhonda #1
Pump_Rate
Density
Press
Water_STG_TTL
PUMP TAIL
DISPLACE
SHUTDOWN / CLOSE IN
Job Started On: 10/09/2019 @ 7:02:34 PM

DRILL STEM TEST REPORT

Berexco LLC

2020 N. Bramblew ood
Wichita , KS 67206

ATTN: Bryan Bynog

15- 10S. - 33W. Thomas,KS

Rhonda #1

Job Ticket: 65565 **DST#: 1**

Test Start: 2019.10.14 @ 21:23:00

GENERAL INFORMATION:

Formation: **LKC " E, F, G "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:33:10
Time Test Ended: 05:39:09

Test Type: Conventional Bottom Hole (Initial)
Tester: Martine Salinas
Unit No: 82

Interval: 4150.00 ft (KB) To 4200.00 ft (KB) (TVD)
Total Depth: 4200.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

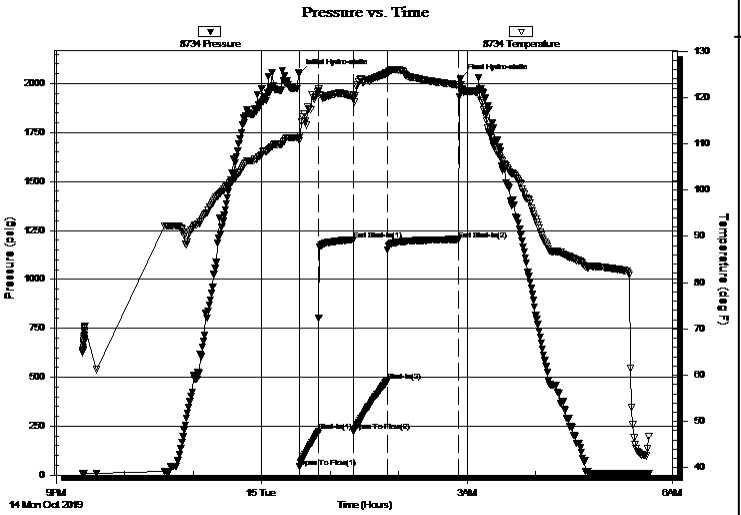
Reference Elevations: 3154.00 ft (KB)
3146.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8734 **Outside**

Press@RunDepth: 478.30 psig @ 4151.00 ft (KB)
Start Date: 2019.10.14 End Date: 2019.10.15
Start Time: 21:23:01 End Time: 05:39:10

Capacity: 8000.00 psig
Last Calib.: 2019.10.15
Time On Btm: 2019.10.15 @ 00:33:00
Time Off Btm: 2019.10.15 @ 02:54:09

TEST COMMENT: 15-IF-1" blow built to B.O.B (11 inches) @ 4 mins (blow increased to 32 1/4")
30-ISI-S.blow back @ 5 mins dead @ 25 mins
30-FF-1/4" blow built to B.O.B (11 inches) @ 8 mins (blow increased to 56")
60-FSI-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.52	111.37	Initial Hydro-static
1	42.47	110.61	Open To Flow (1)
17	222.74	121.43	Shut-In(1)
47	1202.87	120.51	End Shut-In(1)
48	223.95	119.99	Open To Flow (2)
77	478.30	125.28	Shut-In(2)
140	1204.30	122.67	End Shut-In(2)
142	2027.54	121.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
380.00	MSW 4%M, 96%W	4.78
670.00	MCW 24%M, 76%W	9.40

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Berexco LLC

2020 N. Bramblew ood
Wichita , KS 67206

ATTN: Bryan Bynog

15- 10S. - 33W. Thomas,KS

Rhonda #1

Job Ticket: 65565 **DST#: 1**

Test Start: 2019.10.14 @ 21:23:00

GENERAL INFORMATION:

Formation: **LKC " E, F, G "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:33:10
Time Test Ended: 05:39:09

Test Type: Conventional Bottom Hole (Initial)
Tester: Martine Salinas
Unit No: 82

Interval: 4150.00 ft (KB) To 4200.00 ft (KB) (TVD)
Total Depth: 4200.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

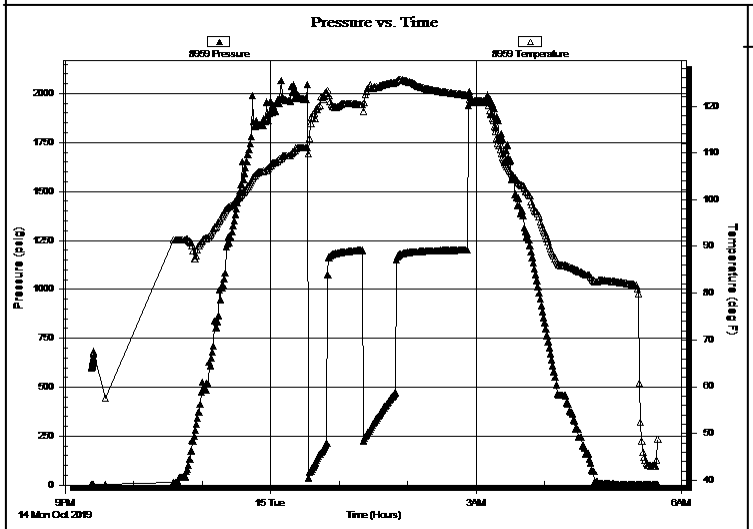
Reference Elevations: 3154.00 ft (KB)
3146.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8959 **Inside**

Press@RunDepth: psig @ 4151.00 ft (KB)
Start Date: 2019.10.14 End Date: 2019.10.15
Start Time: 21:23:01 End Time: 05:39:00

Capacity: 8000.00 psig
Last Calib.: 2019.10.15
Time On Btm:
Time Off Btm:

TEST COMMENT: 15-IF-1" blow built to B.O.B (11 inches) @ 4 mins (blow increased to 32 1/4")
30-ISI-S.blow back @ 5 mins dead @ 25 mins
30-FF-1/4" blow built to B.O.B (11 inches) @ 8 mins (blow increased to 56")
60-FSI-No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
380.00	MSW 4%M, 96%W	4.78
670.00	MCW 24%M, 76%W	9.40

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N. Bramblew ood
Wichita , KS 67206

ATTN: Bryan Bynog

15- 10S. - 33W. Thomas,KS

Rhonda #1

Job Ticket: 65565 **DST#: 1**

Test Start: 2019.10.14 @ 21:23:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	88000 ppm
Viscosity:	74.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.80 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
380.00	MSW 4%M, 96%W	4.784
670.00	MCW 24%M, 76%W	9.398

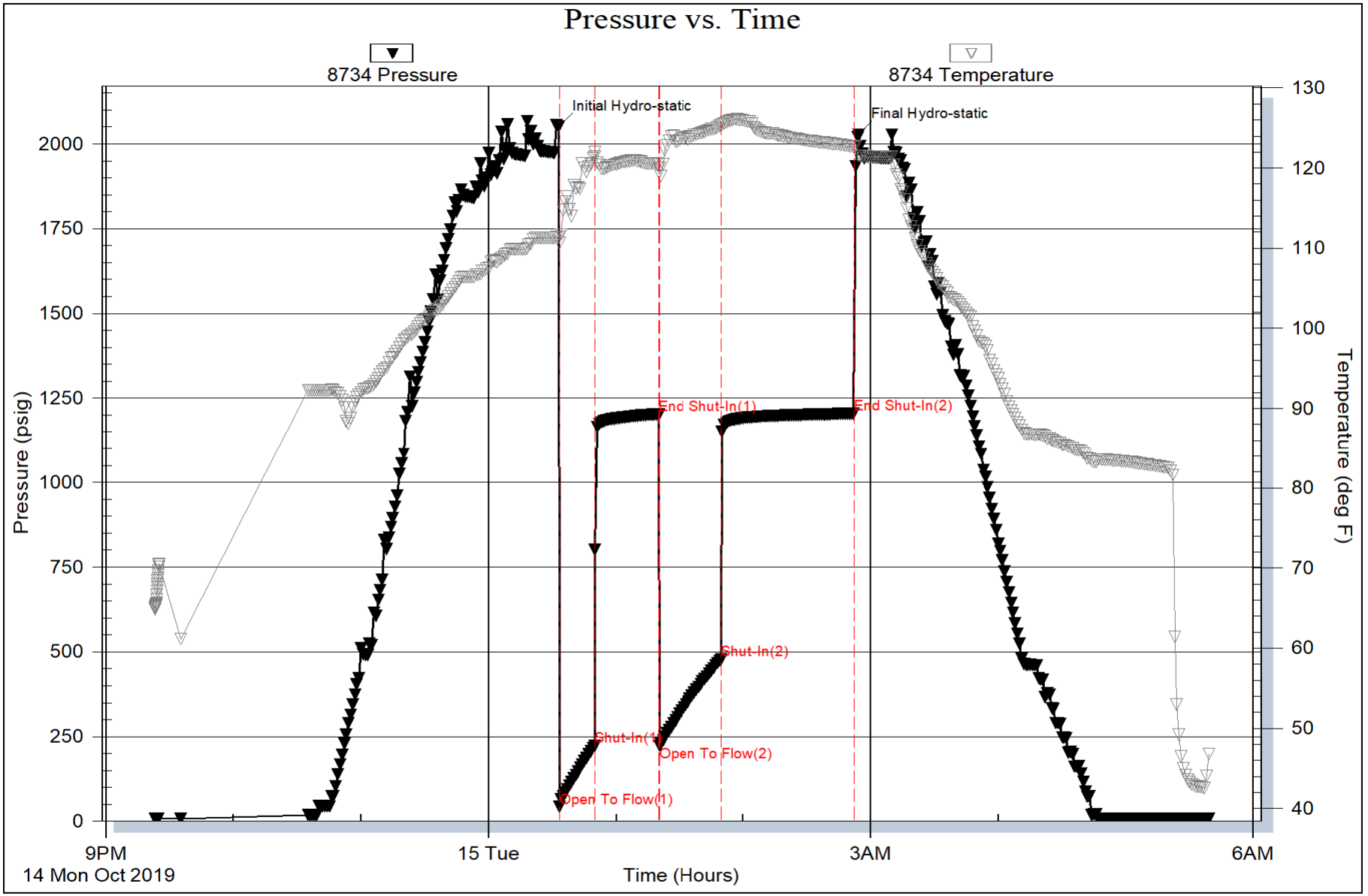
Total Length: 1050.00 ft Total Volume: 14.182 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

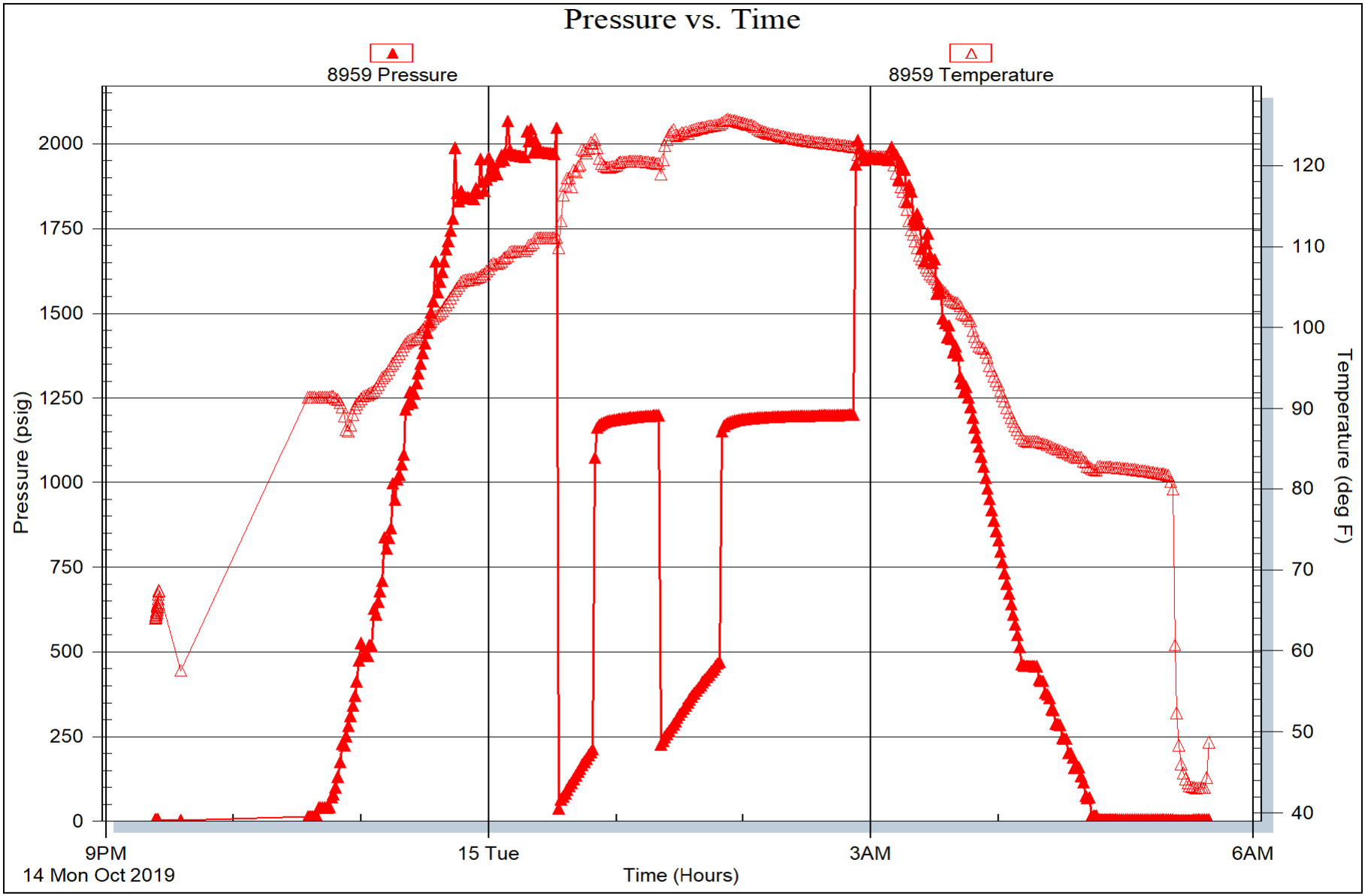
Recovery Comments: RW= .140 @ 47 degs = 88,000PPM

Serial #: 8734 **Outside** Berexco LLC Rhonda #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 65565 Printed: 2019.10.15 @ 07:40:26

Serial #: 8959 **Inside** Berexco LLC Rhonda #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 65565 Printed: 2019.10.15 @ 07:40:27

DRILL STEM TEST REPORT

Berexco LLC

2020 N. Bramblew ood
Wichita , KS 67206

ATTN: Bryan Bynog

15- 10S. - 33W. Thomas,KS

Rhonda #1

Job Ticket: 65566 **DST#: 2**

Test Start: 2019.10.16 @ 01:40:01

GENERAL INFORMATION:

Formation: **LKC " H - K "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:52:10
Time Test Ended: 09:39:40

Test Type: Conventional Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82

Interval: 4210.00 ft (KB) To 4350.00 ft (KB) (TVD)
Total Depth: 4350.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

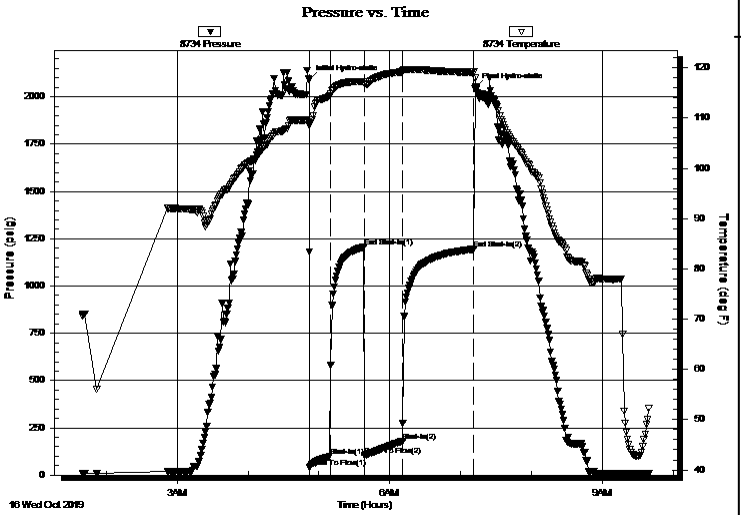
Reference Elevations: 3154.00 ft (KB)
3146.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8734 **Outside**

Press@RunDepth: 180.87 psig @ 4211.00 ft (KB)
Start Date: 2019.10.16 End Date: 2019.10.16
Start Time: 01:40:01 End Time: 09:39:40

Capacity: 8000.00 psig
Last Calib.: 2019.10.16
Time On Btm: 2019.10.16 @ 04:51:50
Time Off Btm: 2019.10.16 @ 07:12:39

TEST COMMENT: 15-IF-1/2" blow built to 10"
30-ISI-S.blow back built to 1/8"
30-FF-S.blow built to B.O.B(11 inches) @ 21 mins (blow increased to 14 1/2"
60-FSI-S.blow back dead @ 30 mins



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.89	109.08	Initial Hydro-static
1	40.01	108.41	Open To Flow (1)
18	99.41	114.43	Shut-In(1)
47	1206.22	117.24	End Shut-In(1)
47	106.05	116.74	Open To Flow (2)
80	180.87	119.29	Shut-In(2)
140	1194.77	119.10	End Shut-In(2)
141	2051.44	116.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
329.00	GOSMW 7%G,5%O,43%M,45%W	4.07
1.00	CO 100%O	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Berexco LLC

2020 N. Bramblew ood
Wichita , KS 67206

ATTN: Bryan Bynog

15- 10S. - 33W. Thomas,KS

Rhonda #1

Job Ticket: 65566 **DST#: 2**

Test Start: 2019.10.16 @ 01:40:01

GENERAL INFORMATION:

Formation: **LKC " H - K "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:52:10
Time Test Ended: 09:39:40

Test Type: Conventional Bottom Hole (Reset)
Tester: Martine Salinas
Unit No: 82

Interval: 4210.00 ft (KB) To 4350.00 ft (KB) (TVD)
Total Depth: 4350.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

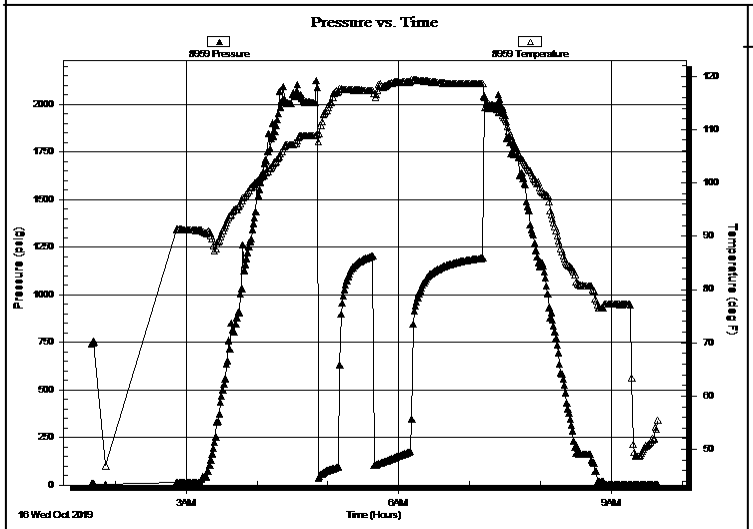
Reference Elevations: 3154.00 ft (KB)
3146.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8959 **Inside**

Press@RunDepth: psig @ 4211.00 ft (KB)
Start Date: 2019.10.16 End Date: 2019.10.16
Start Time: 01:40:01 End Time: 09:39:40

Capacity: 8000.00 psig
Last Calib.: 2019.10.16
Time On Btm:
Time Off Btm:

TEST COMMENT: 15-IF-1/2" blow built to 10"
30-ISI-S.blow back built to 1/8"
30-FF-S.blow built to B.O.B(11 inches) @ 21 mins (blow increased to 14 1/2"
60-FSI-S.blow back dead @ 30 mins



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
329.00	GOSMW 7%G,5%O,43%M,45%W	4.07
1.00	CO 100%O	0.01

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

2020 N. Bramblew ood
Wichita , KS 67206

ATTN: Bryan Bynog

15- 10S. - 33W. Thomas,KS

Rhonda #1

Job Ticket: 65566 **DST#: 2**

Test Start: 2019.10.16 @ 01:40:01

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	38.4 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	60000 ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5800.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
329.00	GOSMW 7%G,5%O,43%M,45%W	4.068
1.00	CO 100%O	0.014

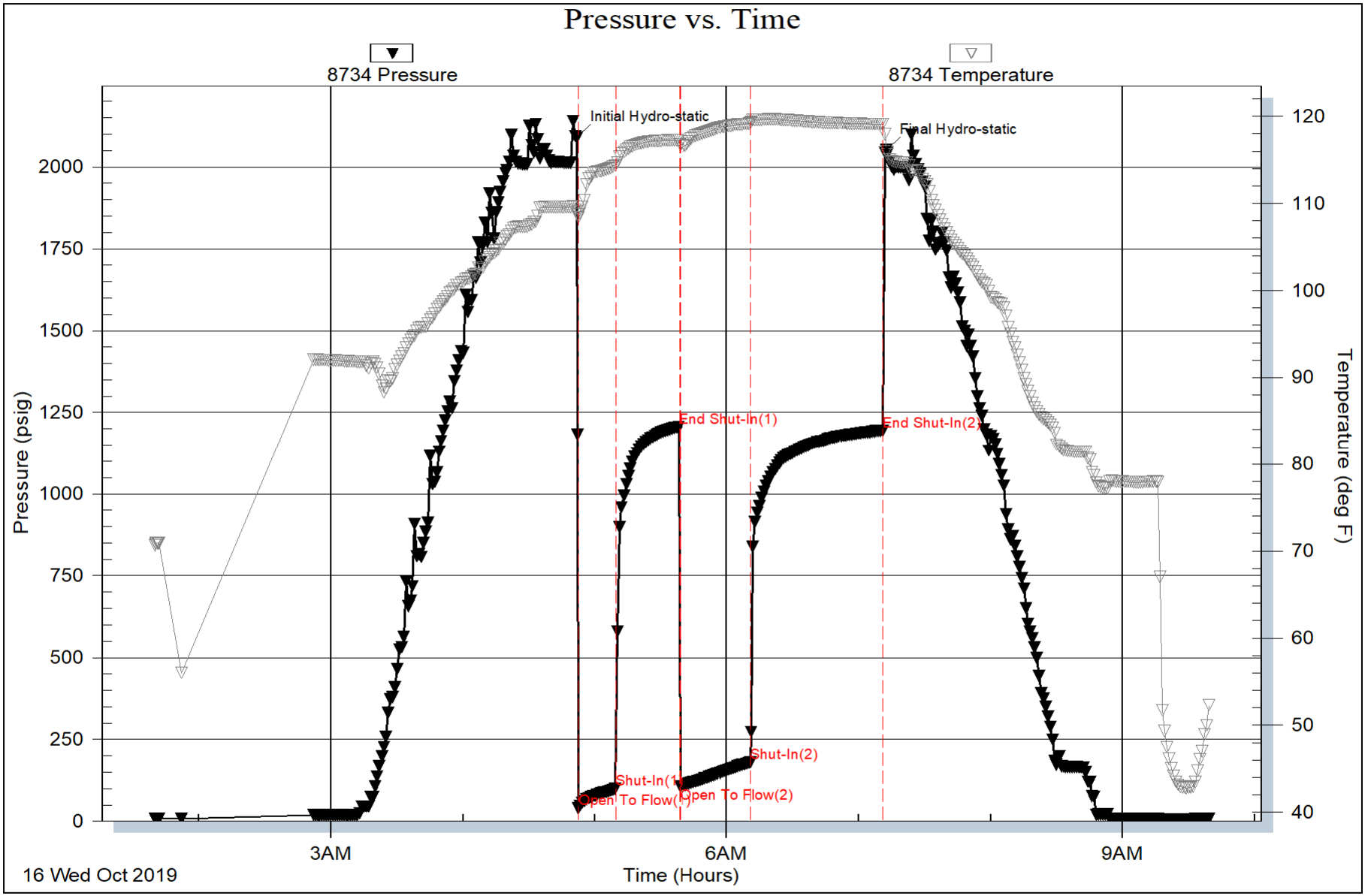
Total Length: 330.00 ft Total Volume: 4.082 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

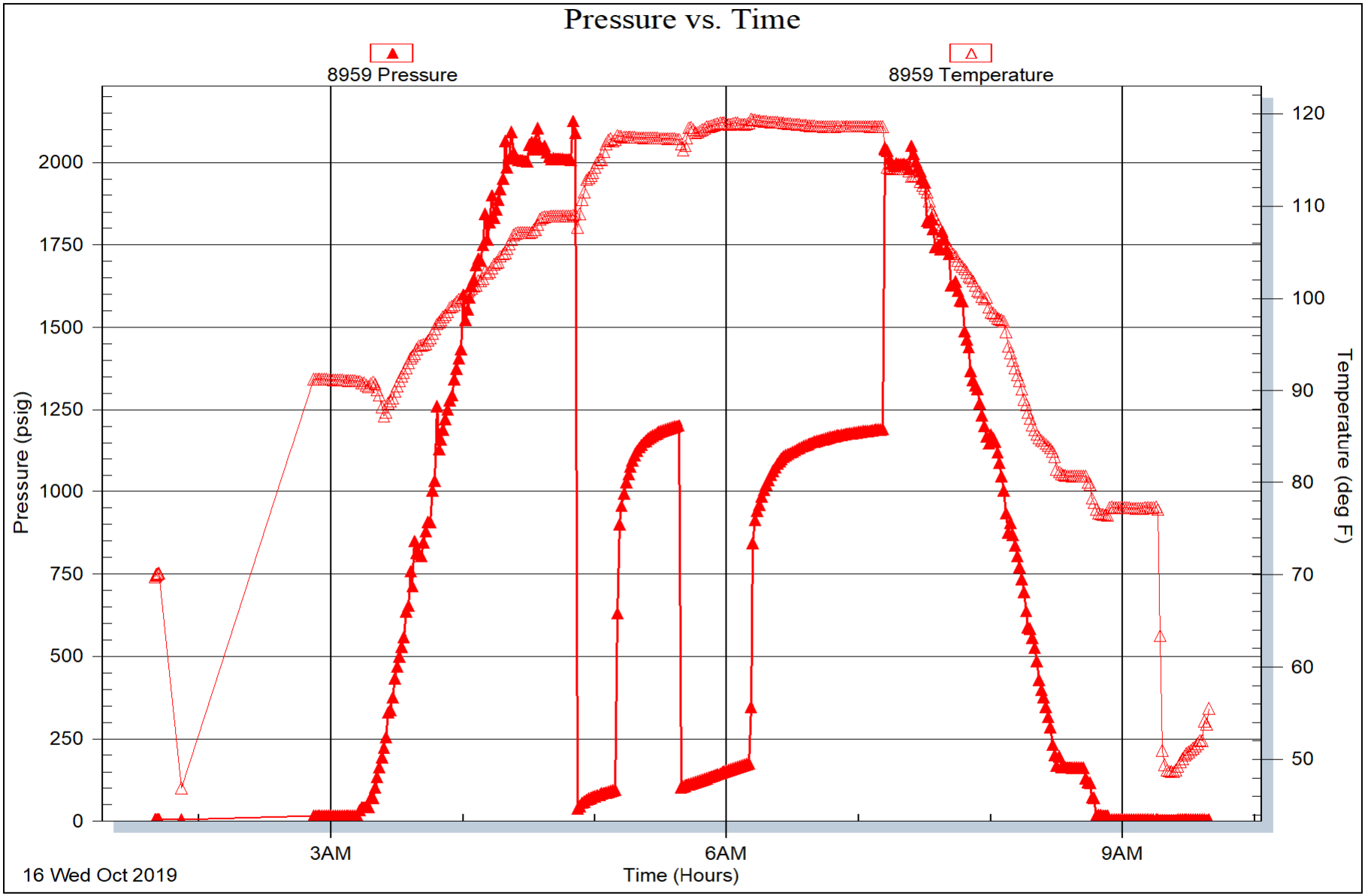
Recovery Comments: Gravity of oil = 37 @46 degs corrected to 38.4 @ 60 degs
RW= .192 @ 49 degs= 60,000 PPM

Serial #: 8734 **Outside** Berexco LLC Rhonda #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 65566 Printed: 2019.10.16 @ 10:49:18

Serial #: 8959 **Inside** Berexco LLC Rhonda #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 65566 Printed: 2019.10.16 @ 10:49:18

LITHOLOGY STRIP LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	RHONDA #1
Well Id:	
Location:	NWSESE 15 10S-33W THOMAS COUNTY, KANSAS
License Number:	15-193-21057
Region:	Midcontinent
Spud Date:	10-8-2019
Drilling Completed:	10-18-2018
Surface Coordinates:	990' FSL & 907' FEL
Bottom Hole Coordinates:	
Ground Elevation (ft):	3146
K.B. Elevation (ft):	3154
Logged Interval (ft):	3600 To: 4800
Total Depth (ft):	4800
Formation:	LKC, FT. SCOTT, JOHNSON & MISSISSIPPI
Type of Drilling Fluid:	WBM

OPERATOR

Company: BEREXCO, LLC.
Address: 2020 N. Bramblewood
Wichita, Kansas 67206

GEOLOGIST

Name: William B. Bynog
Company:
Address: P.O.Box 687
Pinecliffe, Co. 80471

Surveys

DEPTH	ANGLE
397'	.75
3377'	.25
4200'	.25

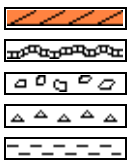
DSTs

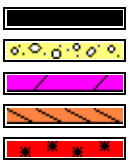
DST#1 4150-4200, DST#2 4210-4350

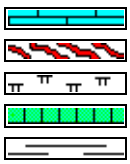
Remarks

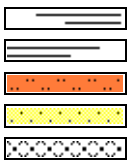
DRY HOLE

ROCK TYPES


Anhy
Bent
Brec
Cht
Clyst


Coal
Congl
Dol
Gyp
Igne


Lmst
Meta
Mrlst
Salt
Shale


Shcol
Shgy
Sltst
Ss
Till

ACCESSORIES

MINERAL
- 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

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

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

TEXTURE
- BS Boundst
- C Chalky
- CX Cryxln
- E Earthy
- FX Finexln
- GS Grainst
- L Lithogr
- MX Microxln
- MS Mudst
- PS Packst
- WS Wackest

OTHER SYMBOLS

POROSITY
- E Earthy
- Fenest
- F Fracture
- Inter
- Moldic
- O Organic
- P Pinpoint
- V Vuggy

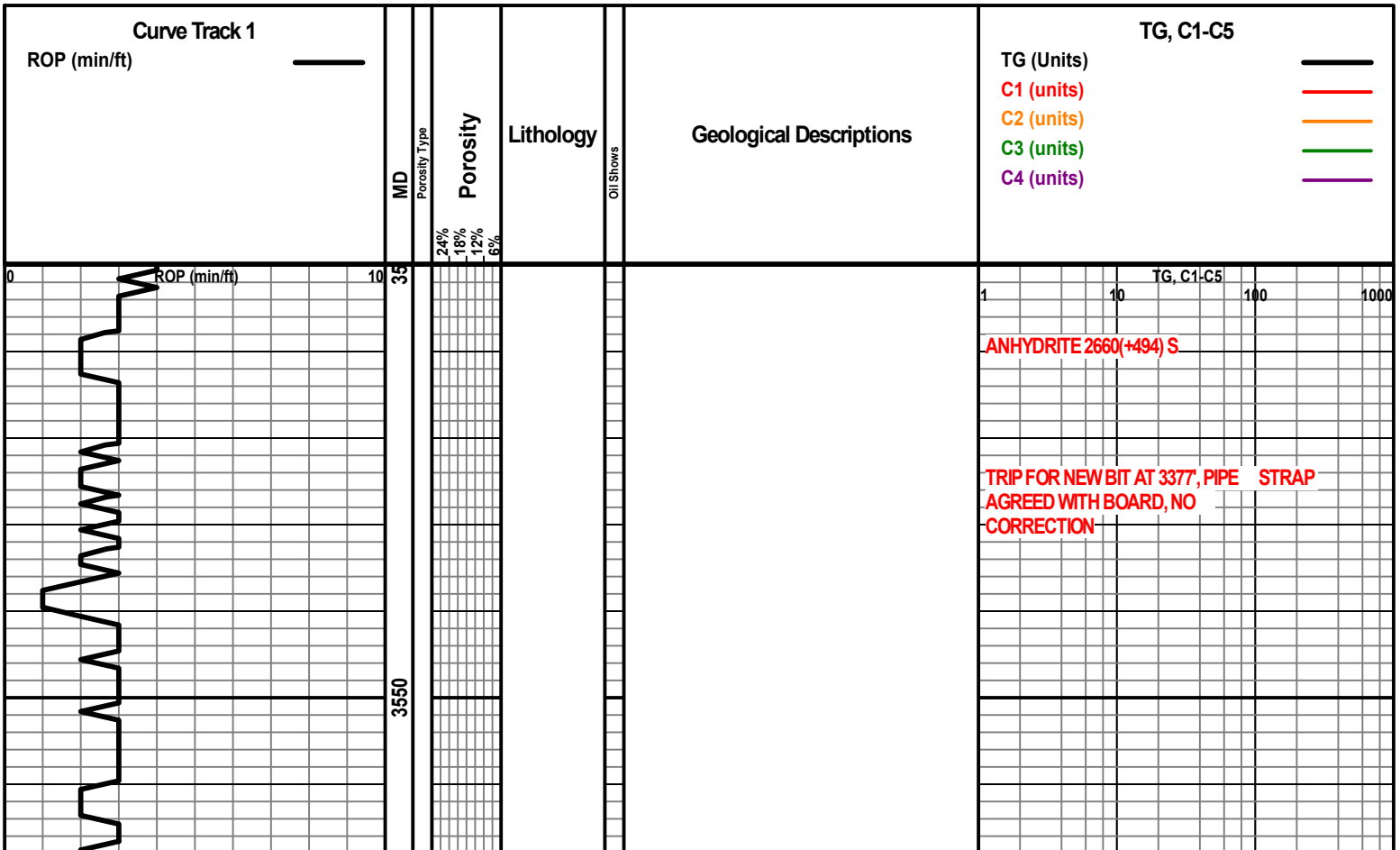
SORTING
- W Well
- M Moderate
- P Poor

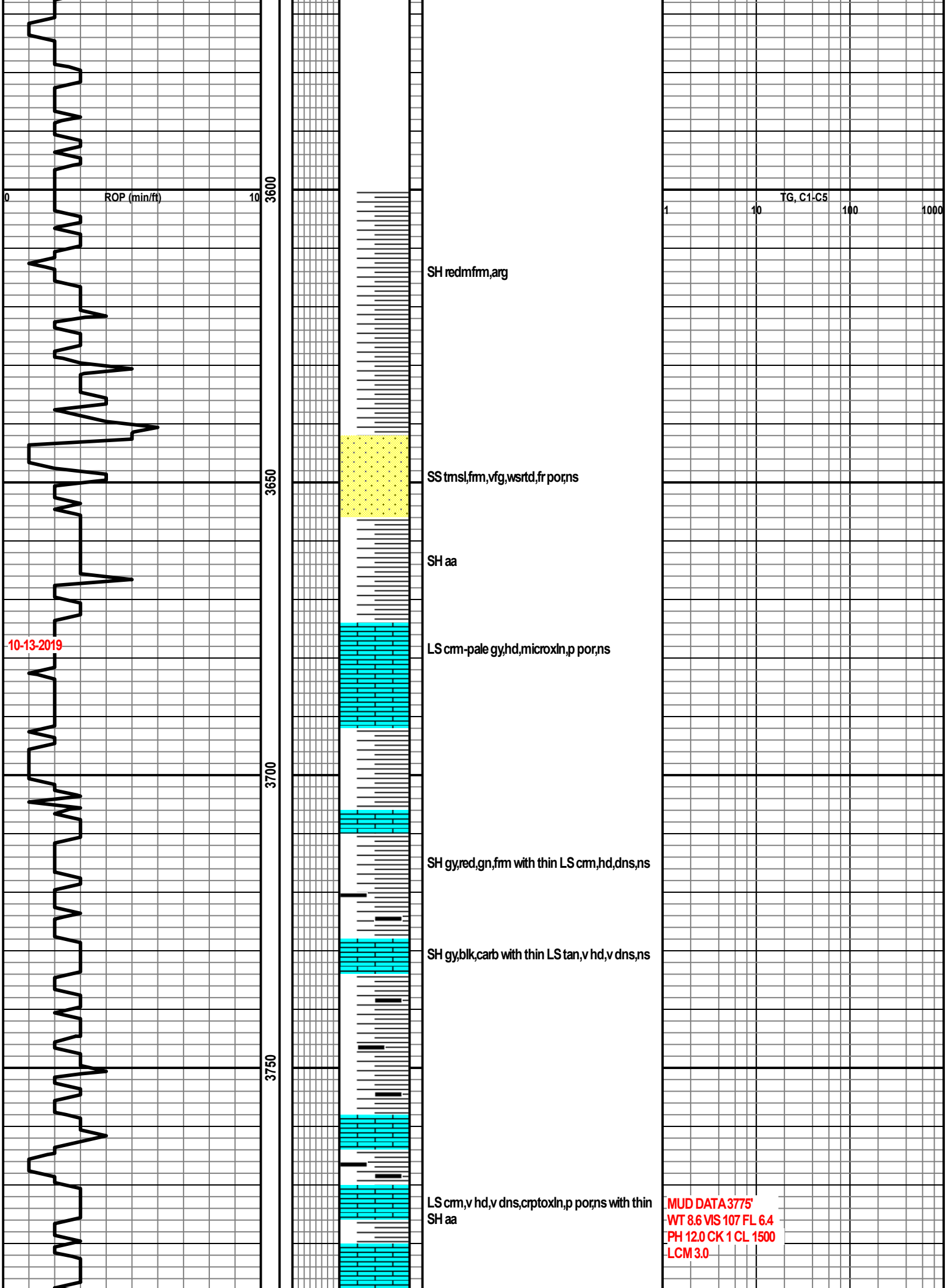
ROUNDING
- R Rounded
- r Subrnd
- a Subang
- A Angular

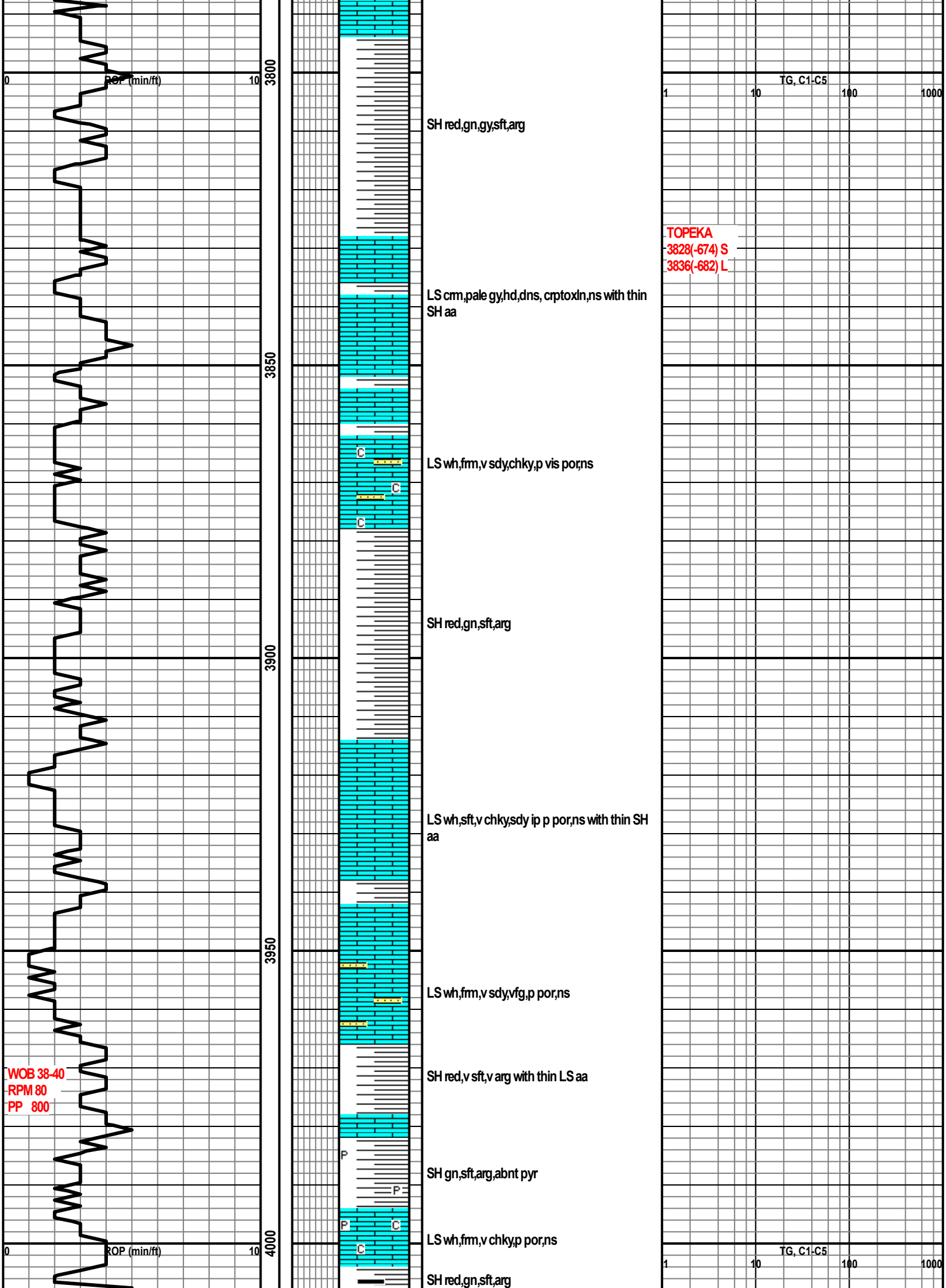
OIL SHOW
- Even
- Spotted
- Ques
- D Dead

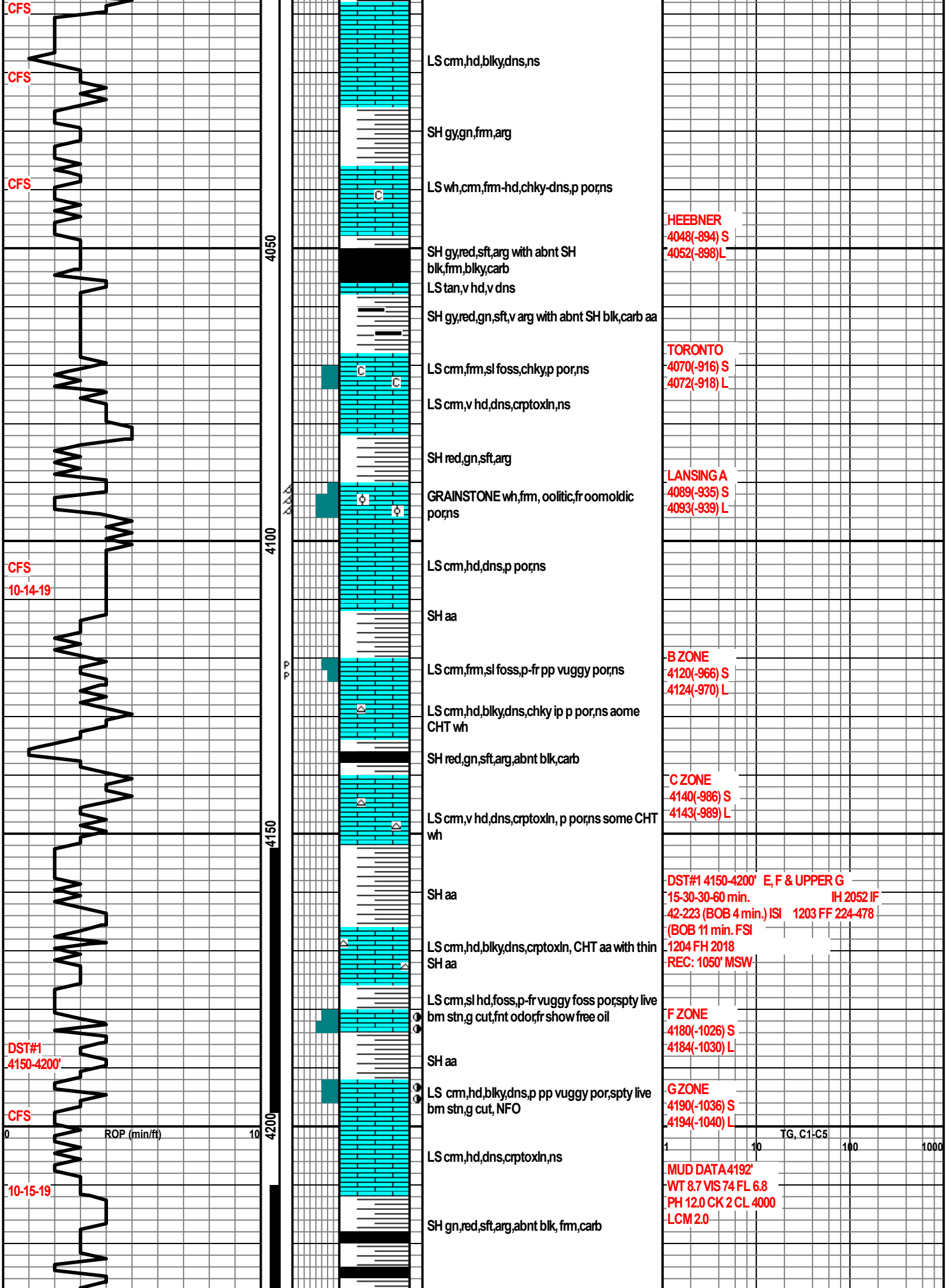
INTERVAL
- Dst
- Dst

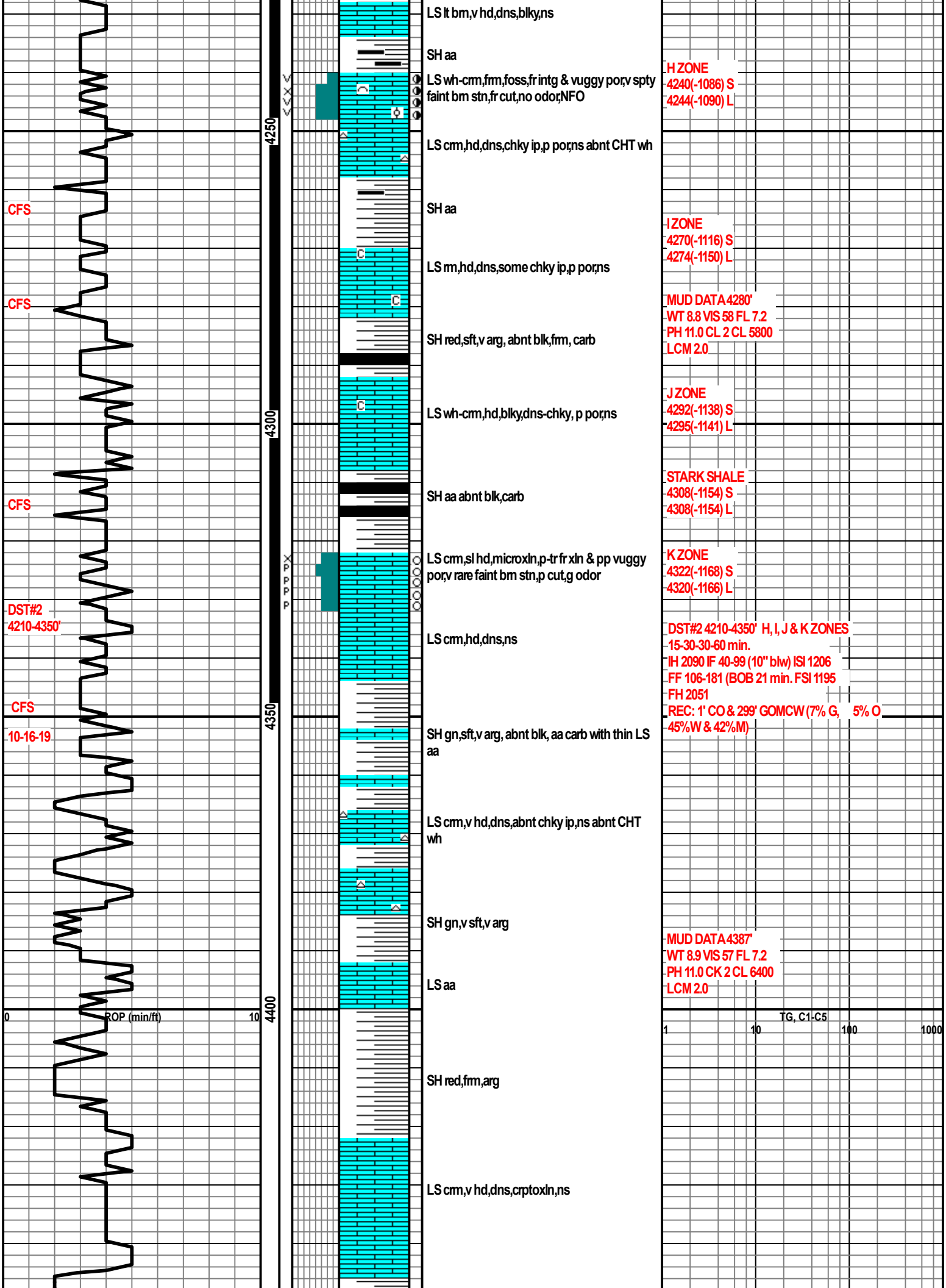
EVENT
- Rft
- Sidewall

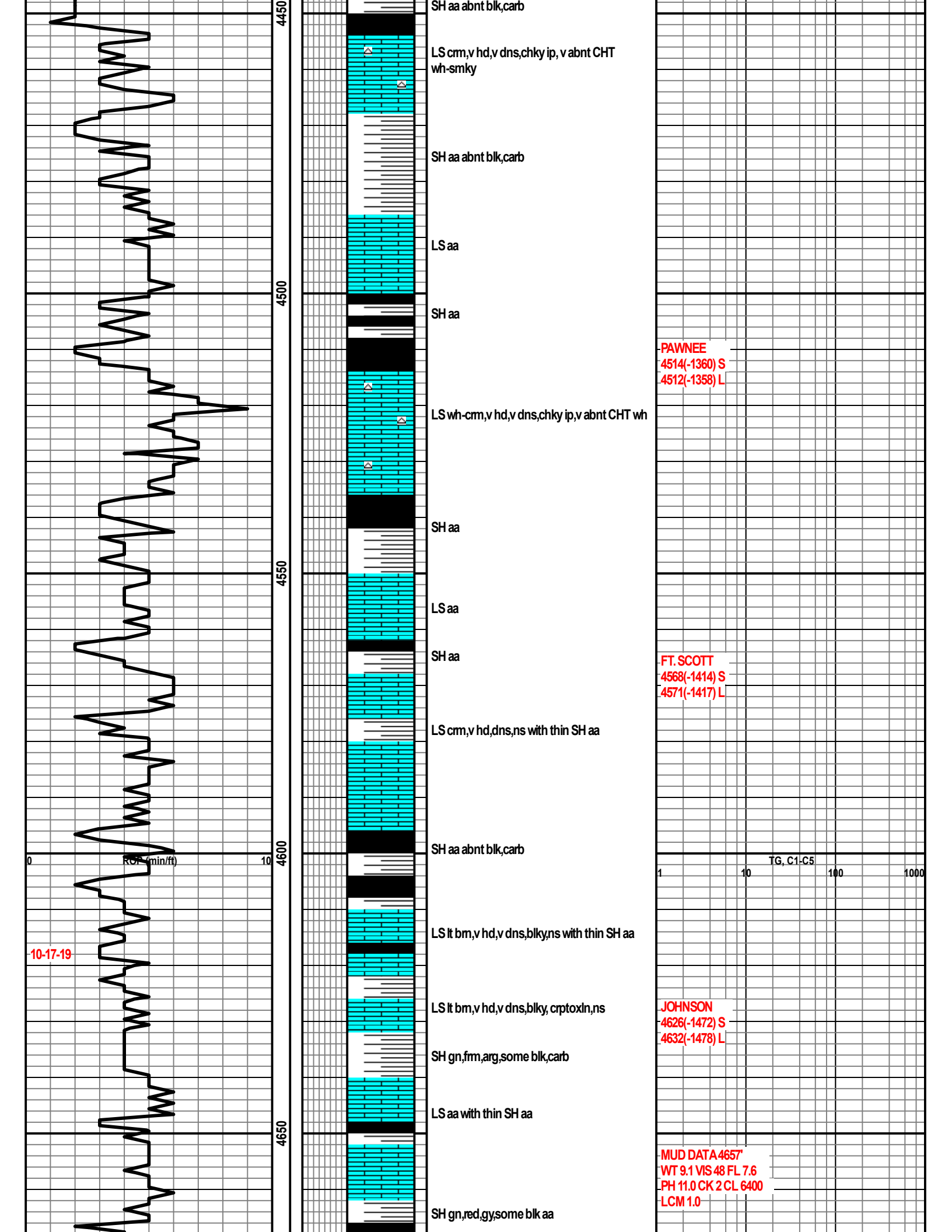


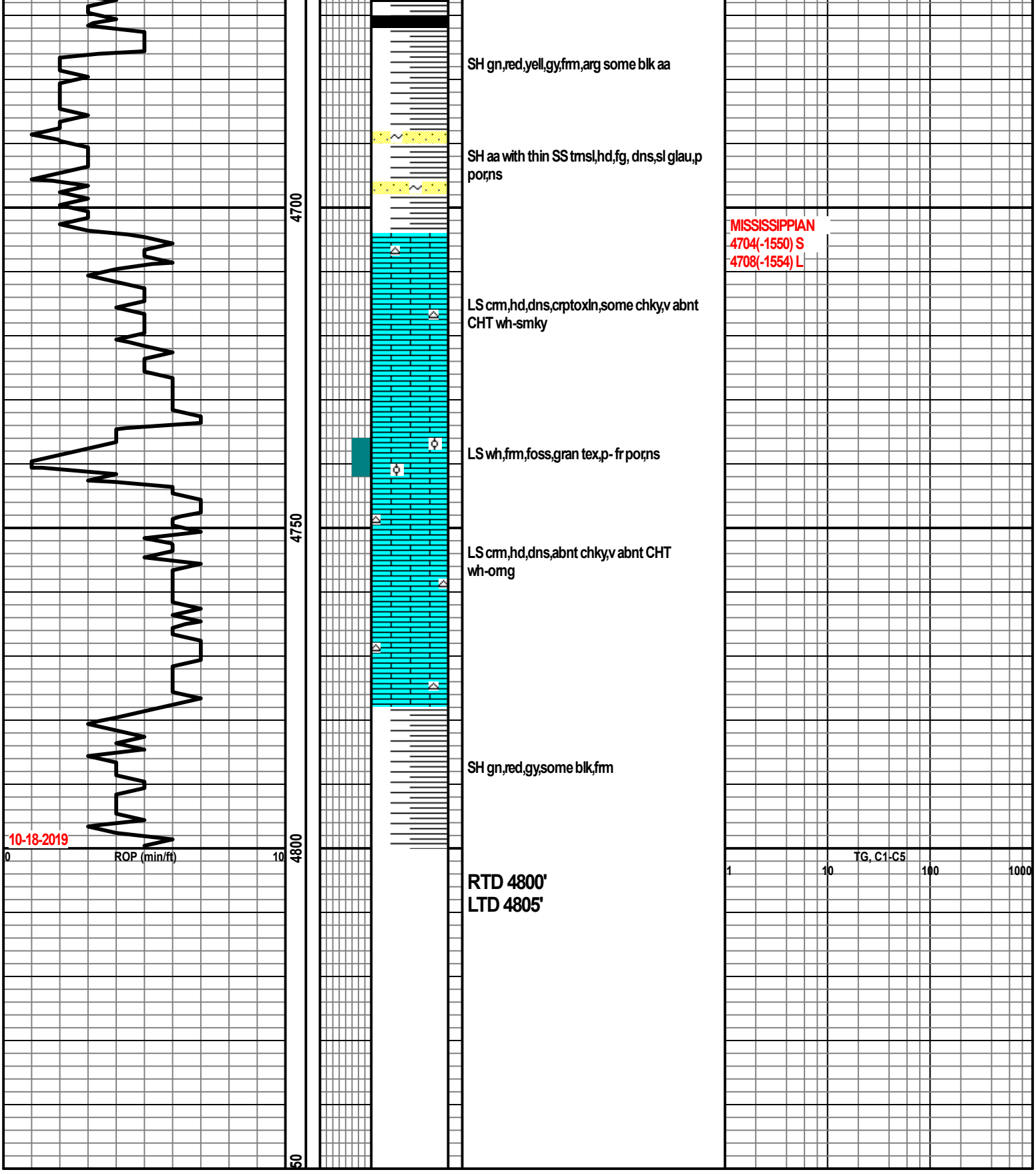

0
ROP (min/ft)
10
3600
3650
3700
3750
TG, C1-C5
1
10
100
1000
SH redmfrm,arg
SS tmsl,frm,vfg,wsrtd,fr por,ns
SH aa
10-13-2019
LS crm-pale gy,hd,microxln,p por,ns
SH gy,red,gn,frm with thin LS crm,hd,dns,ns
SH gy,blk,carb with thin LS tan,v hd,v dns,ns
LS crm,v hd,v dns,crptoxln,p por,ns with thin SH aa
MUD DATA 3775'
WT 8.6 VIS 107 FL 6.4
PH 12.0 CK 1 CL 1500
LCM 3.0


0
ROP (min/ft)
10
3800
3850
3900
3950
4000
TG, C1-C5
1
10
100
1000
SH red,gn,gy,sft,arg
TOPEKA
3828(-674) S
3836(-682) L
LS crm,pale gy,hd,dns, crptoxln,ns with thin SH aa
C
C
C
LS wh,frm,v sdy,chky,p vis por,ns
SH red,gn,sft,arg
LS wh,sft,v chky,sdy ip p por,ns with thin SH aa
LS wh,frm,v sdy,vfg,p por,ns
WOB 38-40
RPM 80
PP 800
SH red,v sft,v arg with thin LS aa
P
P
SH gn,sft,arg,abnt pyr
P
C
C
LS wh,frm,v chky,p por,ns
SH red,gn,sft,arg


CFS
CFS
CFS
CFS
10-14-19
DST#1
4150-4200'
CFS
10-15-19
0
ROP (min/ft)
10
4050
4100
4150
4200
LS crm,hd,blky,dns,ns
SH gy,gn,frm,arg
LS wh,crm,frm-hd,chky-dns,p por,ns
SH gy,red,sft,arg with abnt SH blk,frm,blky,carb
LS tan,v hd,v dns
SH gy,red,gn,sft,v arg with abnt SH blk,carb aa
LS crm,frm,sl foss,chky,p por,ns
LS crm,v hd,dns,crptoxln,ns
SH red,gn,sft,arg
GRAINSTONE wh,frm, oolitic,fr oomoldic por,ns
LS crm,hd,dns,p por,ns
SH aa
LS crm,frm,sl foss,p-fr pp vuggy por,ns
LS crm,hd,blky,dns,chky ip p por,ns aome CHT wh
SH red,gn,sft,arg,abnt blk,carb
LS crm,v hd,dns,crptoxln, p por,ns some CHT wh
SH aa
LS crm,hd,blky,dns,crptoxln, CHT aa with thin SH aa
LS crm,sl hd,foss,p-fr vuggy foss por,spty live bm stn,g cut,fnt odor,fr show free oil
SH aa
LS crm,hd,blky,dns,p pp vuggy por,spty live bm stn,g cut, NFO
LS crm,hd,dns,crptoxln,ns
SH gn,red,sft,arg,abnt blk, frm,carb
HEEBNER
4048(-894) S
4052(-898)L
TORONTO
4070(-916) S
4072(-918) L
LANSING A
4089(-935) S
4093(-939) L
B ZONE
4120(-966) S
4124(-970) L
C ZONE
4140(-986) S
4143(-989) L
DST#1 4150-4200' E, F & UPPER G
15-30-30-60 min. IH 2052 IF
42-223 (BOB 4 min.) ISI 1203 FF 224-478
(BOB 11 min. FSI
1204 FH 2018
REC: 1050' MSW
F ZONE
4180(-1026) S
4184(-1030) L
G ZONE
4190(-1036) S
4194(-1040) L
TG, C1-C5
1
10
100
1000
MUD DATA 4192'
WT 8.7 VIS 74 FL 6.8
PH 12.0 CK 2 CL 4000
LCM 2.0


LS lt brn,v hd,dns,blky,ns
SH aa
LS wh-crm,frm,foss,fr intg & vuggy por,v spty faint brn stn,fr cut,no odor,NFO
H ZONE
4240(-1086) S
4244(-1090) L
LS crm,hd,dns,chky ip,p por,ns abnt CHT wh
SH aa
I ZONE
4270(-1116) S
4274(-1150) L
LS rm,hd,dns,some chky ip,p por,ns
MUD DATA 4280'
WT 8.8 VIS 58 FL 7.2
PH 11.0 CL 2 CL 5800
LCM 2.0
SH red,sft,v arg, abnt blk,frm, carb
J ZONE
4292(-1138) S
4295(-1141) L
LS wh-crm,hd,blky,dns-chky, p por,ns
STARK SHALE
4308(-1154) S
4308(-1154) L
SH aa abnt blk,carb
K ZONE
4322(-1168) S
4320(-1166) L
LS crm,sl hd,microxln,p-tr fr xln & pp vuggy por,v rare faint brn stn,p cut,g odor
DST#2 4210-4350' H, I, J & K ZONES
15-30-30-60 min.
IH 2090 IF 40-99 (10" blw) ISI 1206
FF 106-181 (BOB 21 min. FSI 1195
FH 2051
REC: 1' CO & 299' GOMCW (7% G, 5% O
45%W & 42%M)
LS crm,hd,dns,ns
SH gn,sft,v arg, abnt blk, aa carb with thin LS aa
LS crm,v hd,dns,abnt chky ip,ns abnt CHT wh
SH gn,v sft,v arg
MUD DATA 4387'
WT 8.9 VIS 57 FL 7.2
PH 11.0 CK 2 CL 6400
LCM 2.0
LS aa
SH red,frm,arg
LS crm,v hd,dns,crptoxln,ns
CFS
CFS
CFS
DST#2
4210-4350'
CFS
10-16-19
4250
4300
4350
4400
0
ROP (min/ft)
10
TG, C1-C5
1
10
100
1000


4450
4500
4550
4600
4650
0
ROP (min/ft)
10
SH aa abnt blk,carb
LS crm,v hd,v dns,chky ip, v abnt CHT wh-smky
SH aa abnt blk,carb
LS aa
SH aa
PAWNEE
4514(-1360) S
4512(-1358) L
LS wh-crm,v hd,v dns,chky ip,v abnt CHT wh
SH aa
LS aa
SH aa
FT. SCOTT
4568(-1414) S
4571(-1417) L
LS crm,v hd,dns,ns with thin SH aa
SH aa abnt blk,carb
TG, C1-C5
1
10
100
1000
LS lt brn,v hd,v dns,blky,ns with thin SH aa
10-17-19
LS lt brn,v hd,v dns,blky, crptoxln,ns
JOHNSON
4626(-1472) S
4632(-1478) L
SH gn,frm,arg,some blk,carb
LS aa with thin SH aa
MUD DATA 4657'
WT 9.1 VIS 48 FL 7.6
PH 11.0 CK 2 CL 6400
LCM 1.0
SH gn,red,gy,some blk aa


SH gn,red,yell,gy,frm,arg some blk aa
SH aa with thin SS tmsl,hd,fg, dns,sl glau,p por,ns
MISSISSIPPIAN
4704(-1550) S
4708(-1554) L
LS crm,hd,dns,crptoxln,some chky,v abnt CHT wh-smky
LS wh,frm,foss,gran tex,p- fr por,ns
LS crm,hd,dns,abnt chky,v abnt CHT wh-omg
SH gn,red,gy,some blk,frm
RTD 4800'
LTD 4805'
10-18-2019
0
ROP (min/ft)
10
4700
4750
4800
50
TG, C1-C5
1
10
100
1000