

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

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

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	LEROY 1-31
Doc ID	1688481

All Electric Logs Run

Microlog
Induction
Porosity
Sonic





**QUASAR ENERGY SERVICES, INC.**

3288 FM 51  
Gainesville, Texas 76240  
Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2N

1/13/23

CEMENTING JOB LOG

**CEMENTING JOB LOG**

<b>Company:</b> BEREXCO INC		<b>Well Name:</b> LEROY 1-31	
<b>Type Job:</b> SURFACE		<b>AFE #:</b> 0	
CASING DATA			
Size:	8 5/8	Grade:	0
		Weight:	23
<b>Casing Depths</b>	Top: 0	Bottom:	42.7
Drill Pipe:	Size: 0	Weight:	0
Tubing:	Size: 0	Weight:	0
		Grade:	0
		TD (ft):	1685
Open Hole:	Size: 12 1/4	T.D. (ft):	1685
Perforations	From (ft): 0	To: 0	Packer Depth(ft): 0

CEMENT DATA						
<b>Spacer Type:</b>						
Amt.		Sks Yield		ft <sup>3</sup> /sk		Density (PPG)
<b>LEAD:</b>	CLASS A 65/35/6 2%CC 1/4# CELLFLAKE					Excess
Amt.	600	Sks Yield	2.06	ft <sup>3</sup> /sk	1236	Density (PPG) 12.3
<b>TAIL:</b>	CLASS A 2%CC 1/4#CELLFLAKE					Excess
Amt.	150	Sks Yield	1.19	ft <sup>3</sup> /sk	178.5	Density (PPG) 15.69
<b>WATER:</b>						
Lead:		gals/sk:	11.5	Tail:		gals/sk: 5.2
Pump Trucks Used:		Total (bbls):				
Bulk Equipment:						
Disp. Fluid Type:	H2O & MUD		Amt. (Bbls.)	103.9		Weight (PPG): 8.3 & 9.8
Mud Type:						Weight (PPG):

**COMPANY REPRESENTATIVE:** \_\_\_\_\_ **CEMENTER:** ANGEL ECHEVARRIA

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
0230						ON LOCATION - RIG UP - SAFETY MEETING
0639						PRESSURE TEST LINES 1500
	400			220.1	5.5	PUMP LEAD 600SX @ 12.3#
	200			31.7	5.5	PUMP TAIL 150SX @ 15.6#
						SHUT DOWN - DROP PLUG
0811	ZERO			10		DISPLACE W/ H2O
	ZERO			40		DISPLACE W/ MUD
	450			80	5.5	DISPLACE W/ H2O
	500			90	5	
	550			100	3	
	600			103.9	3	
0485						LAND PLUG TO 1200PSI
						RELEASE BACK PRESSURE
						FLOAT DID NOT HOLD
						LAND PLUG TO 450PSI
						SHUT IN CSG W/ 400PSI
						RELEASE BACK PRESSURE
						RIG DOWN JOB COMPLETED
						100BBLs CEMENT TO SURFACE
						THANK YOU



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Form 185-2N

1/23/23  
 CEMENTING JOB LOG

**CEMENTING JOB LOG**

<b>Company:</b> BEREXCO INC		<b>Well Name:</b> LEROY #1-31	
<b>Type Job:</b> PLUG/PTA		<b>AFE #:</b> 0	
CASING DATA			
<b>Size:</b> 8 5/8	<b>Grade:</b> J55	<b>Weight:</b> 24	
<b>Casing Depths</b>	<b>Top:</b> 0	<b>Bottom:</b> 1650	
<b>Drill Pipe:</b>	<b>Size:</b> 4 1/2	<b>Weight:</b> 0	
<b>Tubing:</b>	<b>Size:</b> 0	<b>Weight:</b> 0	<b>Grade:</b> 0 <b>TD (ft):</b> 1710
<b>Open Hole:</b>	<b>Size:</b> 7 7/8	<b>T.D. (ft):</b> 1710	
<b>Perforations</b>	<b>From (ft):</b> 0	<b>To:</b> 0	<b>Packer Depth(ft):</b> 0
CEMENT DATA			
<b>Spacer Type:</b>			
<b>Amt.</b>	<b>Sks Yield</b>	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b>
<b>LEAD:</b> CLASS A -- 60/40-4			Excess
<b>Amt.</b> 160	<b>Sks Yield</b> 1.5	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b> 13.5
<b>TAIL:</b>			Excess
<b>Amt.</b>	<b>Sks Yield</b>	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b>
<b>WATER:</b>			
<b>Lead:</b>	<b>gals/sk:</b> 7.5	<b>Tail:</b>	<b>gals/sk:</b> <b>Total (bbls):</b>
<b>Pump Trucks Used:</b>	110 -- DP4		
<b>Bulk Equipment:</b>	228 -- 660-20		
<b>Disp. Fluid Type:</b> MUD	<b>Amt. (Bbls.)</b> 21	<b>Weight (PPG):</b>	
<b>Mud Type:</b>		<b>Weight (PPG):</b>	

**COMPANY REPRESENTATIVE:** \_\_\_\_\_ **CEMENTER:** KIRBY HARPER

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
0300						ON LOCATION -- SPOT AND RIG UP
0400						DRILL PIPE @ 1710 FT
0417		150		12	4	START PUMPING WATER AHEAD
0423		150		13	4	START MIXING 50 SK LEAD @ 13.5 PPG
0429		150		3	4	START PUMPING WATER BEHIND
0431		150		15	4	START DISPLACING WITH MUD
0436						SHUT DOWN -- PULL TO 570 FT
0529		150		20	4	START PUMPING WATER AHEAD
0538		150		10	4	START MIXING 40 SK LEAD @ 13.5 PPG
0542		150		3	4	START DISPLACING WITH WATER
0545						SHUT DOWN -- PULL TO 60 FT
0637		50		5	4	START PUMPING WATER AHEAD
0639		50		5	4	START MIXING 20 SK LEAD @ 13.5 PPG
0645		50		8	3	PLUG RAT W/30 SK LEAD @ 13.5 PPG
0650		50		5	3	PLUG MOUSE W/20 SK LEAD @ 13.5 PPG



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**31 30s 40w**

2020 Bramblewood  
Wichita, Ks 67206

**Leroy 1-31**

Job Ticket: 69194

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2023.01.18 @ 09:11:00

## GENERAL INFORMATION:

Formation: **Morrow Upper**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:55:30

Time Test Ended: 18:25:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

**Interval: 4986.00 ft (KB) To 5060.00 ft (KB) (TVD)**

Reference Elevations: 3352.00 ft (KB)

Total Depth: 5060.00 ft (KB) (TVD)

3339.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 50.23 psig @ 4987.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.01.18

End Date: 2023.01.18

Last Calib.: 2023.01.18

Start Time: 09:11:05

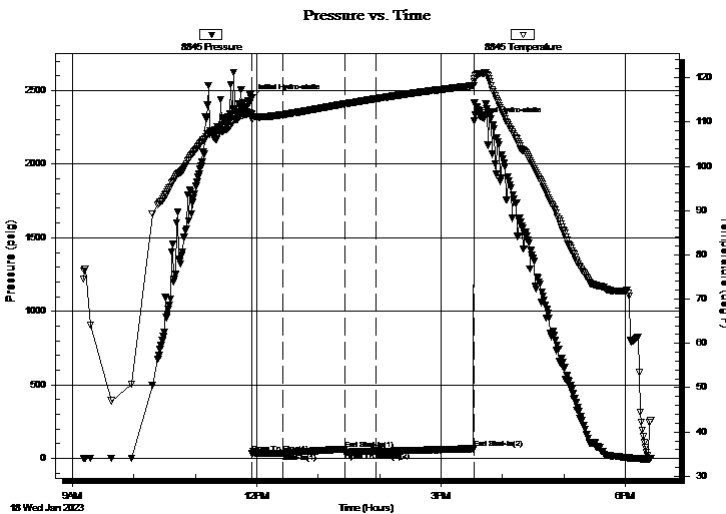
End Time: 18:25:30

Time On Btm: 2023.01.18 @ 11:55:15

Time Off Btm: 2023.01.18 @ 15:32:30

**TEST COMMENT:** IF: 1/2" blow.  
IS: No return.  
FF: No blow.  
FS: No return. 30-60-30-90

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2444.00	111.77	Initial Hydro-static
1	30.55	110.62	Open To Flow (1)
31	35.10	111.65	Shut-In(1)
91	61.64	114.07	End Shut-In(1)
92	39.28	114.09	Open To Flow (2)
122	50.23	115.25	Shut-In(2)
217	65.69	118.22	End Shut-In(2)
218	2291.85	119.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100m	0.10

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco, LLC

**31 30s 40w**

2020 Bramblewood  
Wichita, Ks 67206

**Leroy 1-31**

Job Ticket: 69194

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2023.01.18 @ 09:11:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud 100m	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

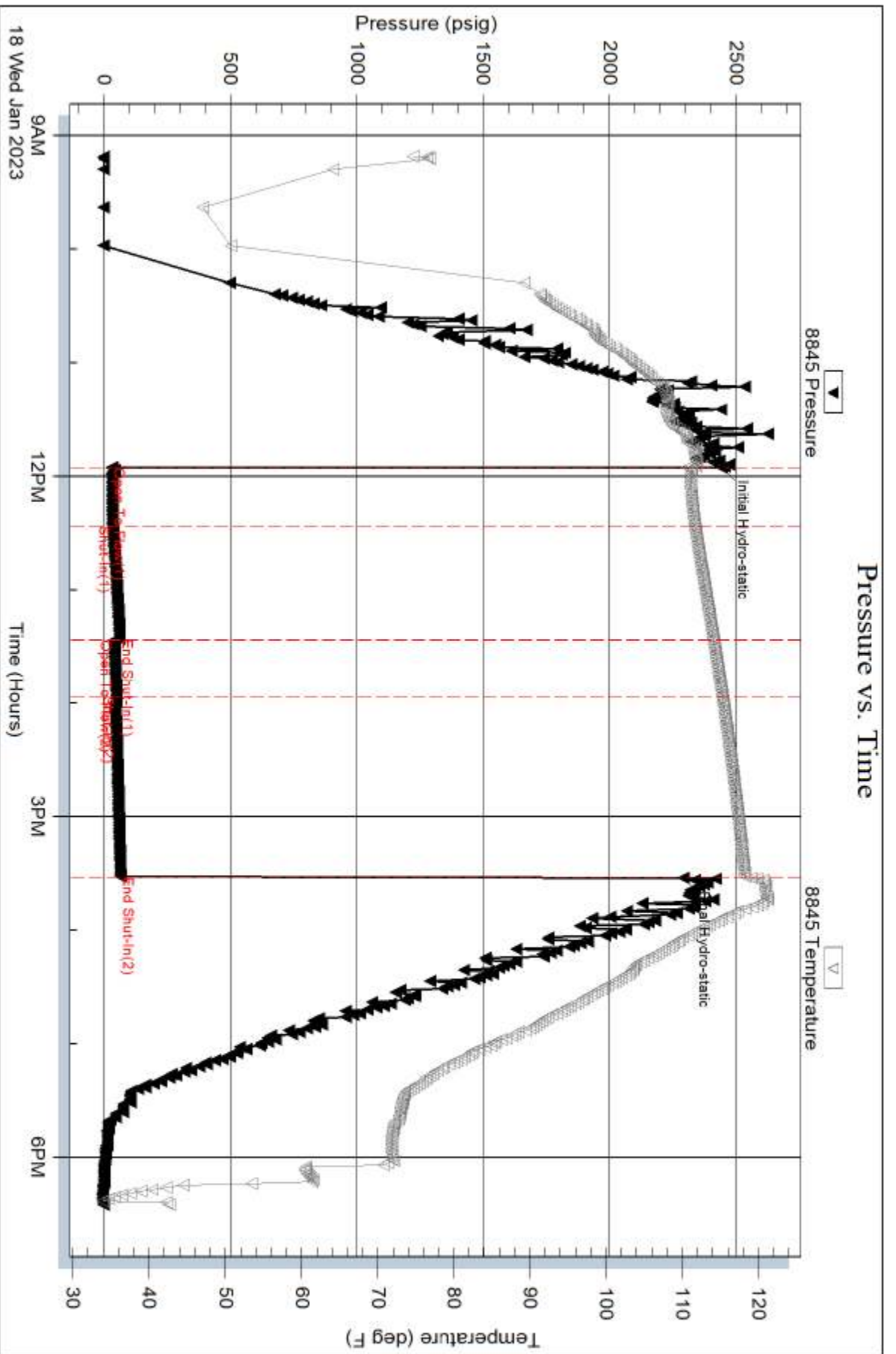
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



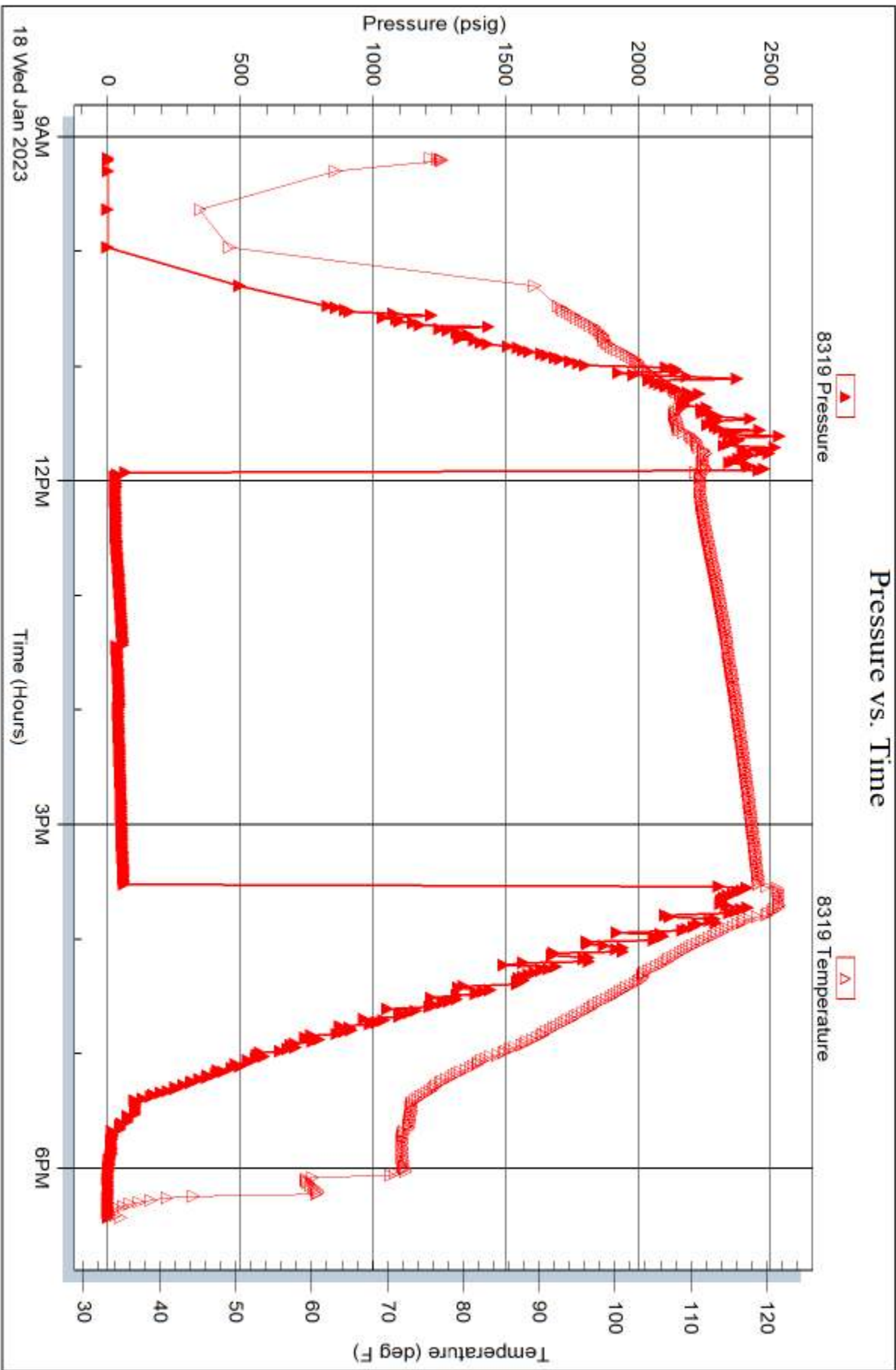
Serial #: 8319

Inside

Berexco, LLC

Leroy 1-31

DST Test Number: 1





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**31 30s 40w**

2020 Bramblewood  
Wichita, Ks 67206

**Leroy 1-31**

Job Ticket: 69195

**DST#: 2**

ATTN: Bryan Bynog

Test Start: 2023.01.19 @ 20:32:00

## GENERAL INFORMATION:

Formation: **Keys Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:15

Time Test Ended: 07:12:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 5270.00 ft (KB) To 5370.00 ft (KB) (TVD)**

Reference Elevations: 3352.00 ft (KB)

Total Depth: 5370.00 ft (KB) (TVD)

3339.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 376.30 psig @ 5271.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.01.19

End Date: 2023.01.20

Last Calib.: 2023.01.20

Start Time: 20:32:05

End Time: 07:12:00

Time On Btm: 2023.01.19 @ 23:46:00

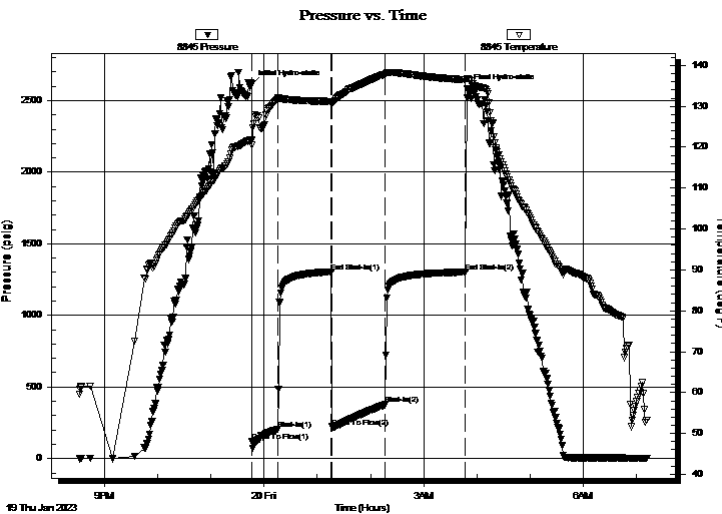
Time Off Btm: 2023.01.20 @ 03:48:45

TEST COMMENT: IF: BOB @ 12 min. 20.5"

IS: No return.

FF: BOB @ 17 min- 32.7"

FS: 1/4" return. 30-60-60-90



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2613.96	121.66	Initial Hydro-static
1	121.30	120.50	Open To Flow (1)
30	206.14	131.84	Shut-In(1)
90	1303.91	131.22	End Shut-In(1)
91	221.00	130.80	Open To Flow (2)
151	376.30	137.82	Shut-In(2)
241	1302.66	136.45	End Shut-In(2)
243	2582.77	136.82	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
800.00	mcw 15m 85w (oil spots in tool)	9.58

\* Recovery from multiple tests

## Gas Rates

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





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TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco, LLC

**31 30s 40w**

2020 Bramblewood  
Wichita, Ks 67206

**Leroy 1-31**

Job Ticket: 69195

**DST#: 2**

ATTN: Bryan Bynog

Test Start: 2023.01.19 @ 20:32:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

29000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
800.00	mcw 15m 85w (oil spots in tool)	9.582

Total Length: 800.00 ft      Total Volume: 9.582 bbl

Num Fluid Samples: 0

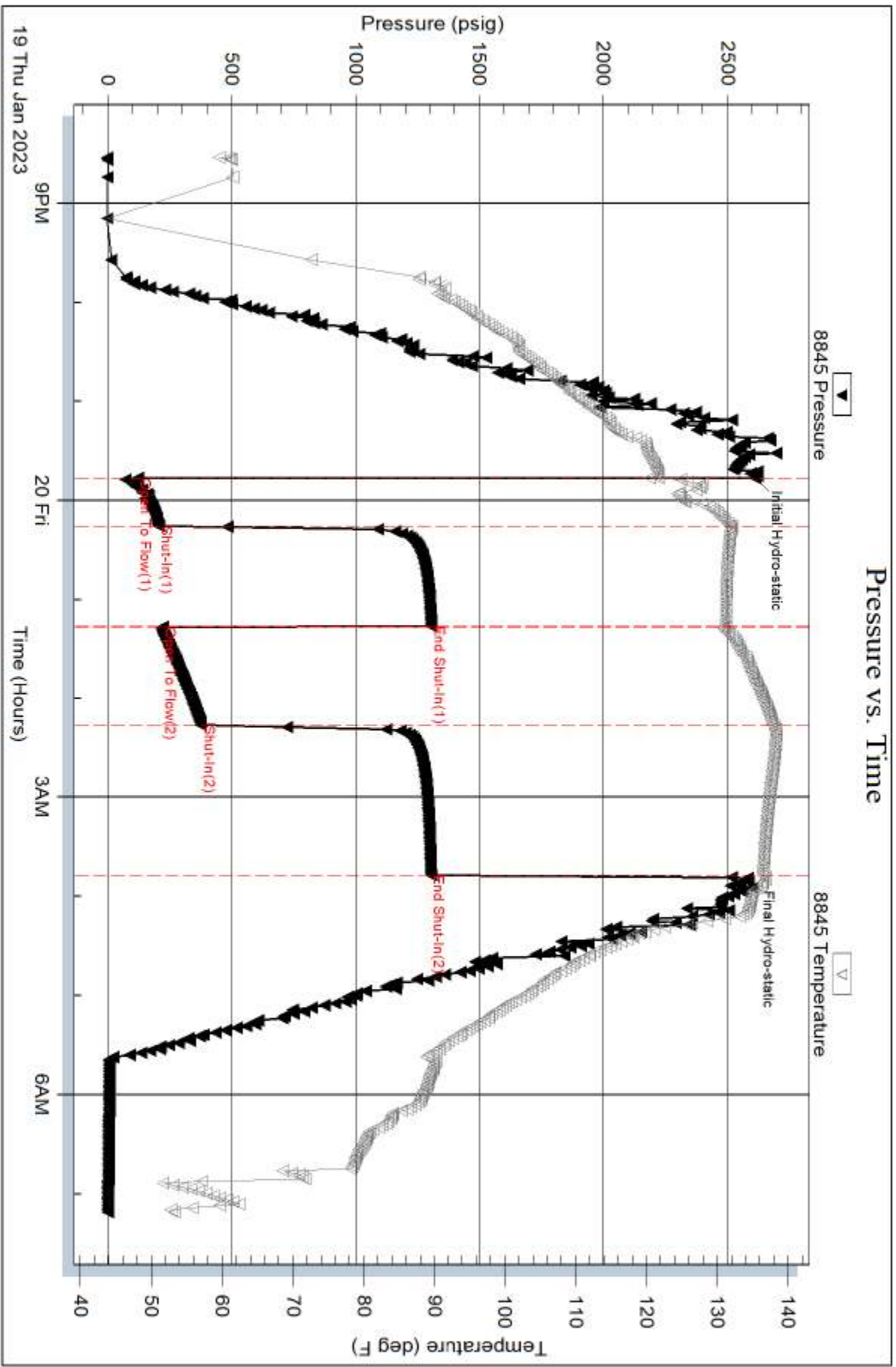
Num Gas Bombs: 0

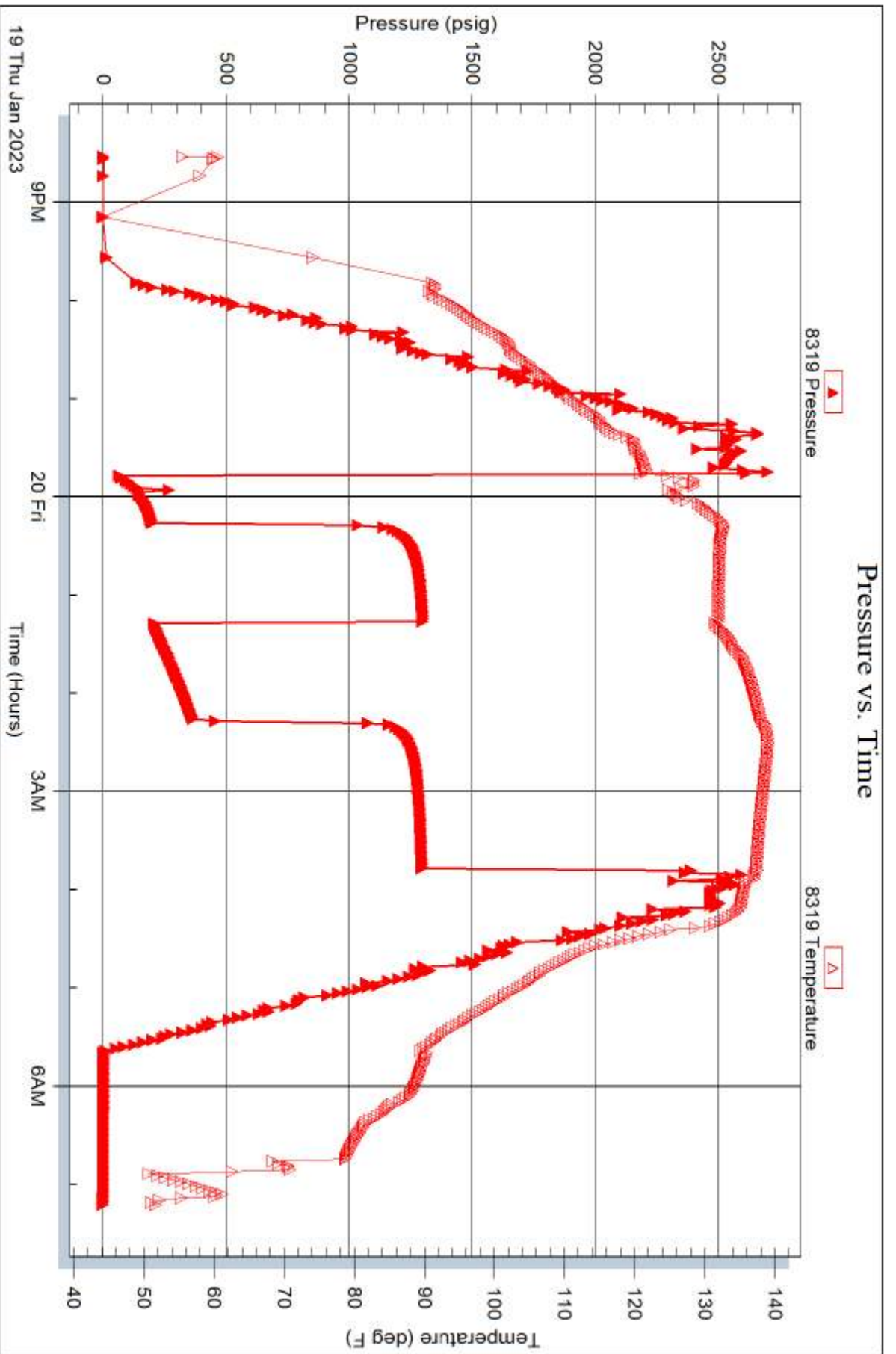
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .360 @ 44F= 29000ppm









**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC

**31 30s 40w**

2020 Bramblewood  
Wichita, Ks 67206

**Leroy 1-31**

Job Ticket: 69196

**DST#: 3**

ATTN: Bryan Bynog

Test Start: 2023.01.20 @ 18:38:00

## GENERAL INFORMATION:

Formation: **Keys 2**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:30:30

Time Test Ended: 04:59:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 5420.00 ft (KB) To 5430.00 ft (KB) (TVD)**

Reference Elevations: 3352.00 ft (KB)

Total Depth: 5430.00 ft (KB) (TVD)

3339.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 8319**

**Inside**

Press@RunDepth: 192.30 psig @ 5421.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.01.20

End Date:

2023.01.21

Last Calib.: 2023.01.21

Start Time: 18:38:05

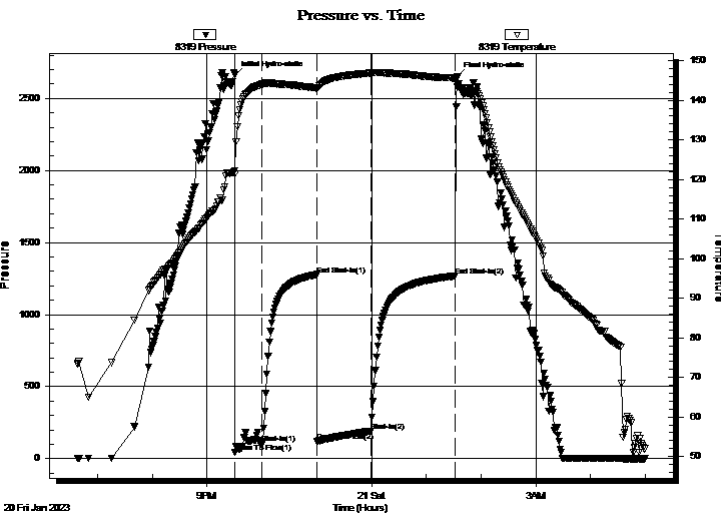
End Time:

04:59:15

Time On Btm: 2023.01.20 @ 21:30:00

Time Off Btm: 2023.01.21 @ 01:34:15

TEST COMMENT: IF: BOB @ 22 min- 12"  
IS: No return.  
FF: BOB @ 24 min. 17"  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2660.96	122.21	Initial Hydro-static
1	45.82	121.39	Open To Flow (1)
30	109.52	143.98	Shut-In(1)
90	1276.85	143.12	End Shut-In(1)
91	122.13	142.65	Open To Flow (2)
150	192.30	146.89	Shut-In(2)
242	1267.55	145.61	End Shut-In(2)
245	2651.30	143.35	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
375.00	smcw 2m 98w	3.62
5.00	oil 100o	0.07
0.00	100' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco, LLC

**31 30s 40w**

2020 Bramblewood  
Wichita, Ks 67206

**Leroy 1-31**

Job Ticket: 69196

**DST#: 3**

ATTN: Bryan Bynog

Test Start: 2023.01.20 @ 18:38:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

34000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 67.95 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
375.00	smcw 2m 98w	3.621
5.00	oil 100o	0.070
0.00	100' GIP	0.000

Total Length: 380.00 ft      Total Volume: 3.691 bbl

Num Fluid Samples: 0

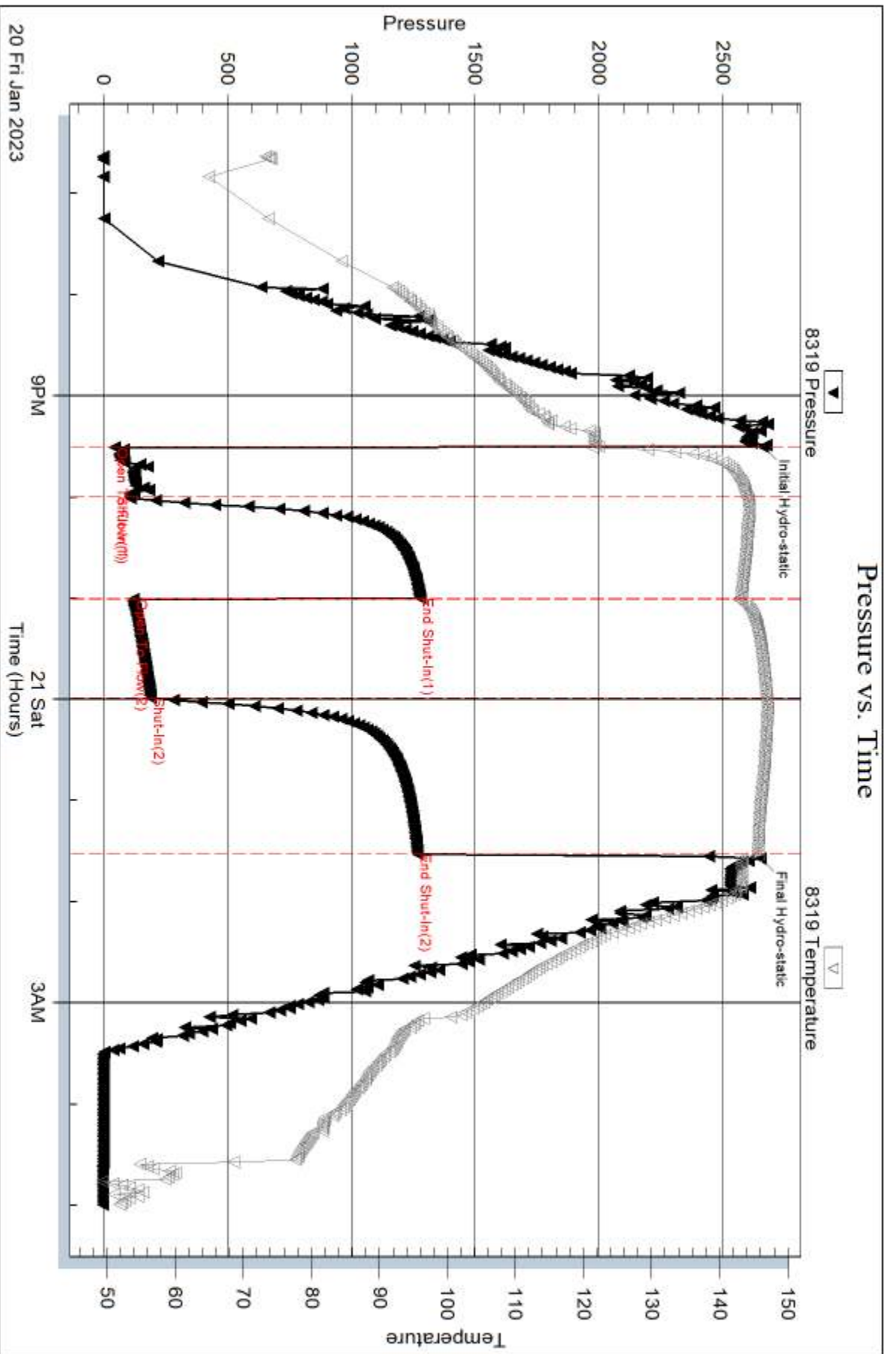
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .309 @ 46F= 34000ppm



# LITHOLOGY STRIP LOG

## WellSight Systems

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

Well Name: LEROY #1-31

Location: SWNE SECTION 31 30S-40W

Licence Number: 15-081-22251

Spud Date: 1-12-2023

Surface Coordinates: 900' FNL & 730' FEL

Region: MID-CONTINENT

Drilling Completed:

Bottom Hole

Coordinates:

Ground Elevation (ft): 3339

K.B. Elevation (ft): 3352

Logged Interval (ft): 2750 To: 4200 Total Depth (ft): 4200

Formation: LKC,MARATON,MORROW,KEYES & ST. GEN.

Type of Drilling Fluid: WBM

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

### 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

### Formation Tops

FORMATION TOPS(LOGS)

### DSTs

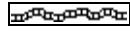
DST#1 4986-5060, DST#2 5370-5370,DT#3 5420-5430

### Remarks

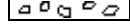
### ROCK TYPES



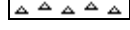
Anhy



Bent



Brec



Cht



Clyst



Coal



Congl



Dol



Gyp



Igne



Lmst



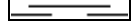
Meta



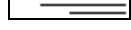
Mrlst



Salt



Shale



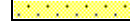
Shcol



Shgy



Sltst

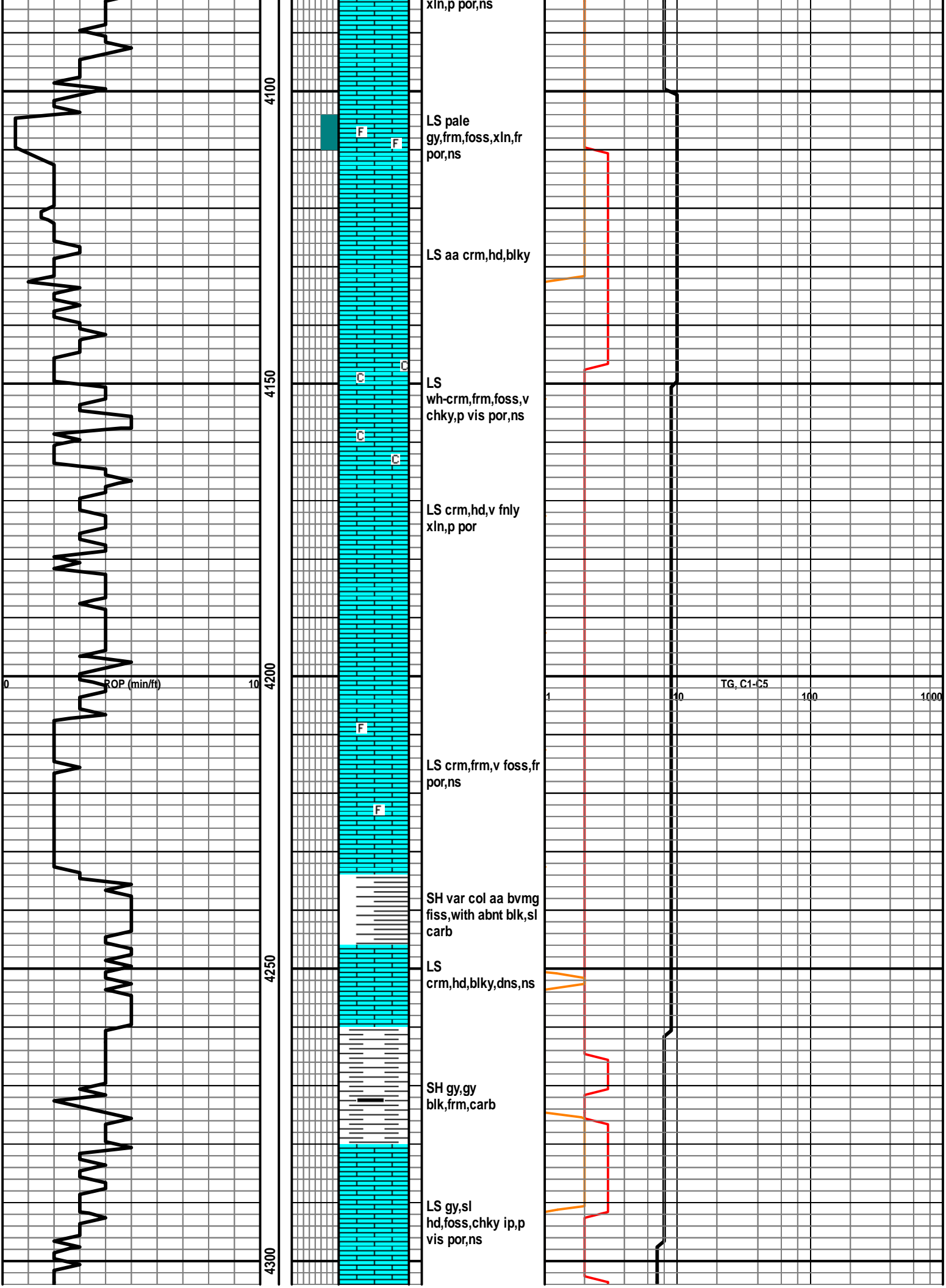


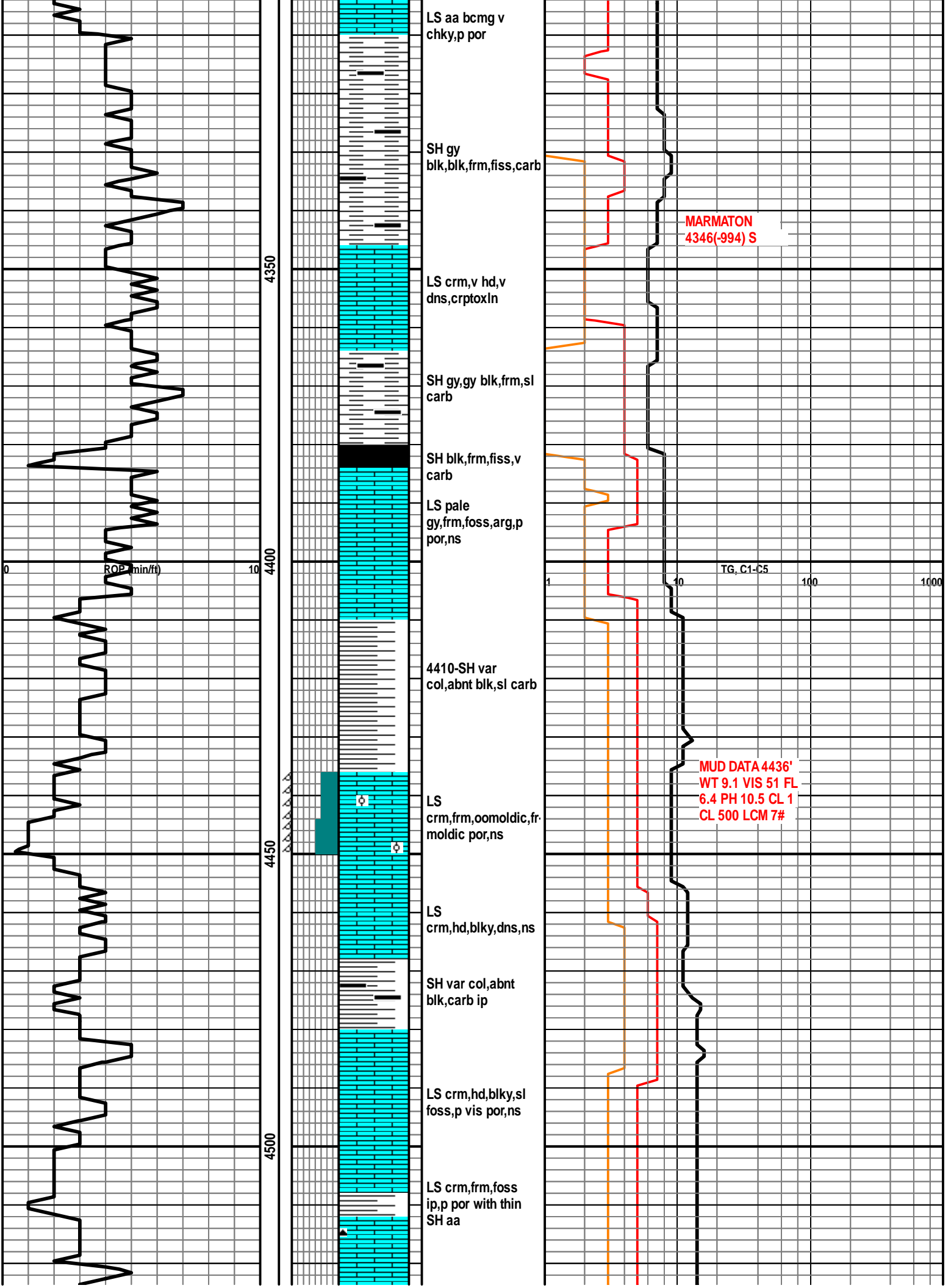
Ss

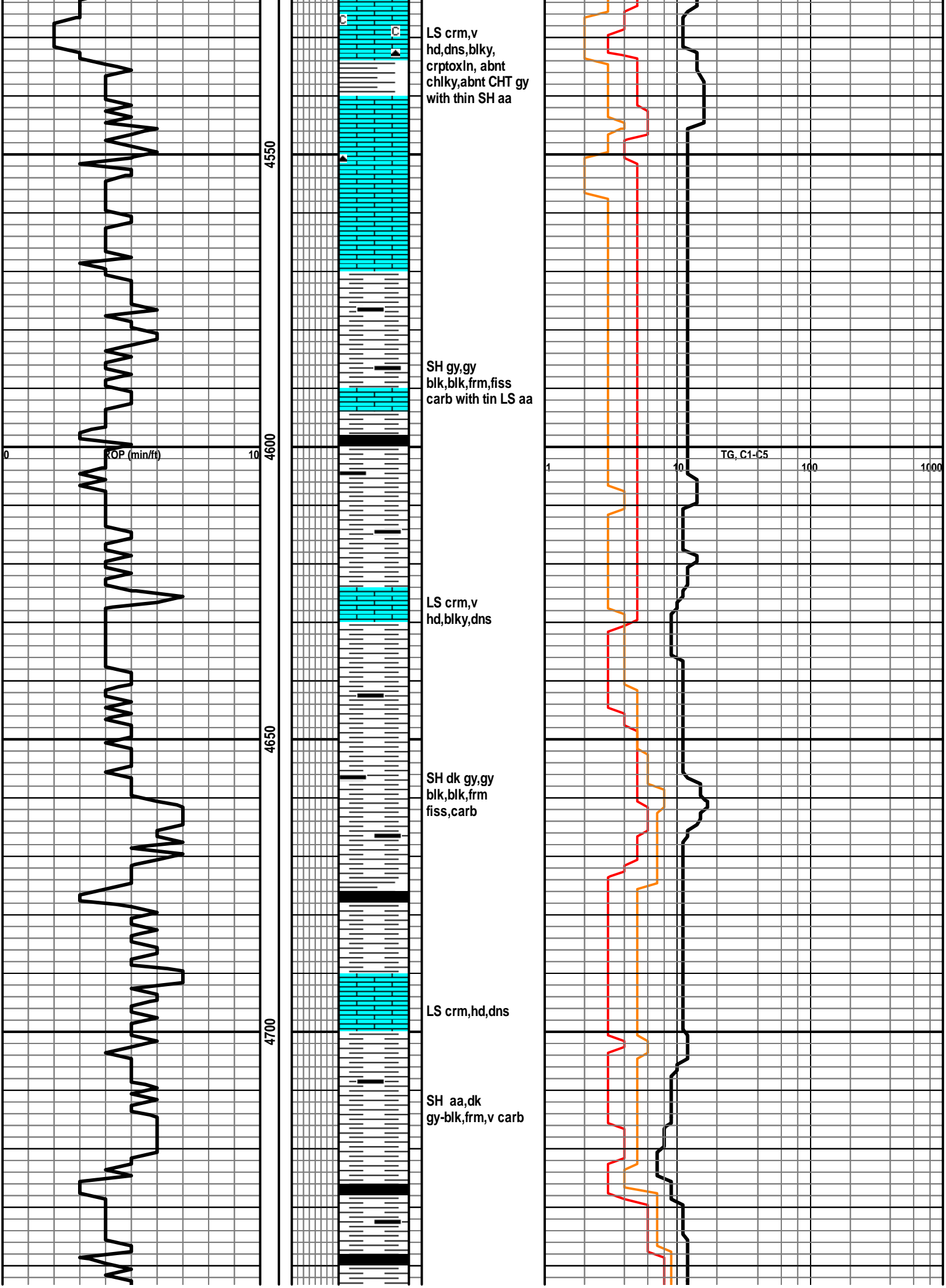


Till

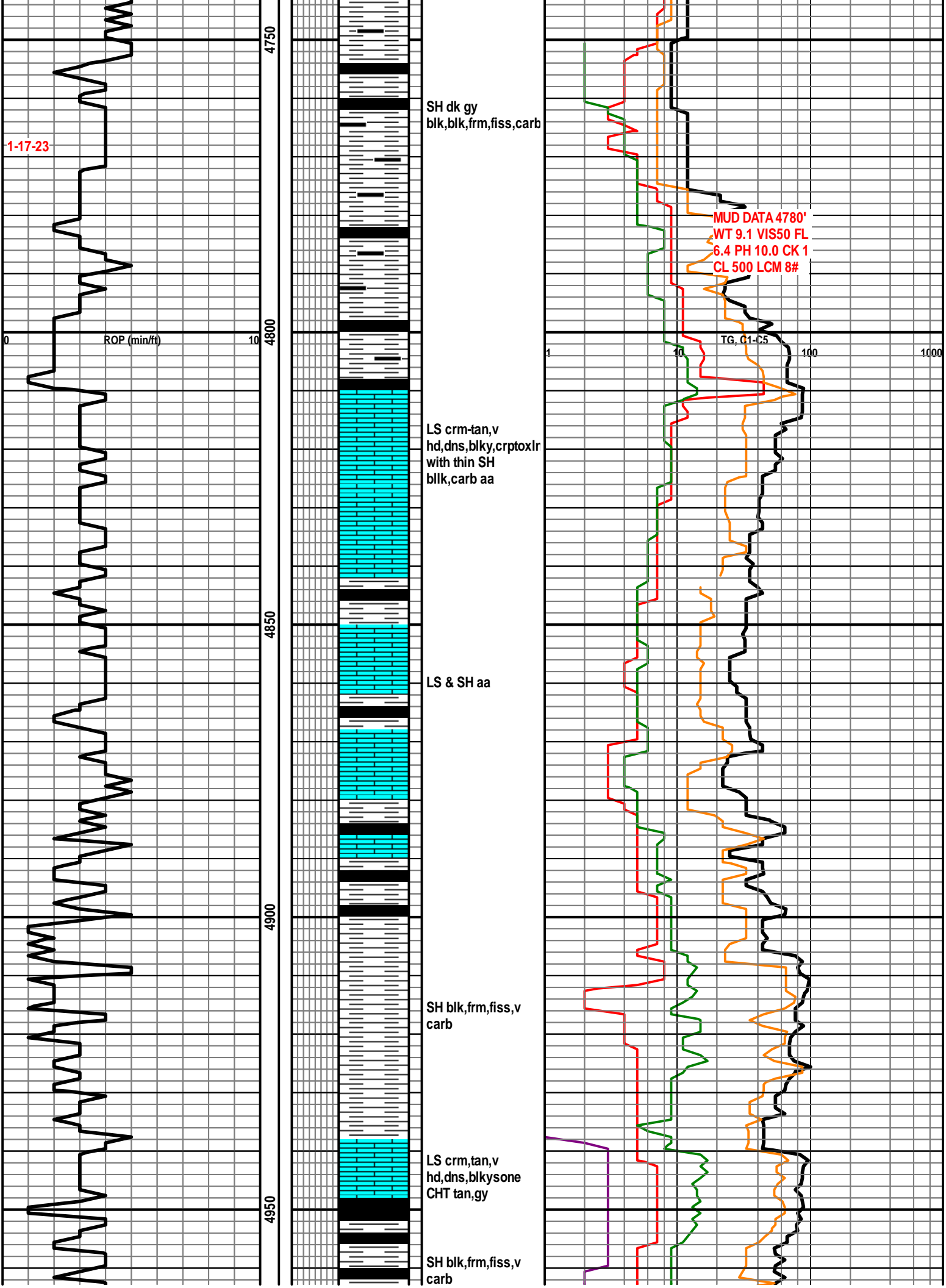


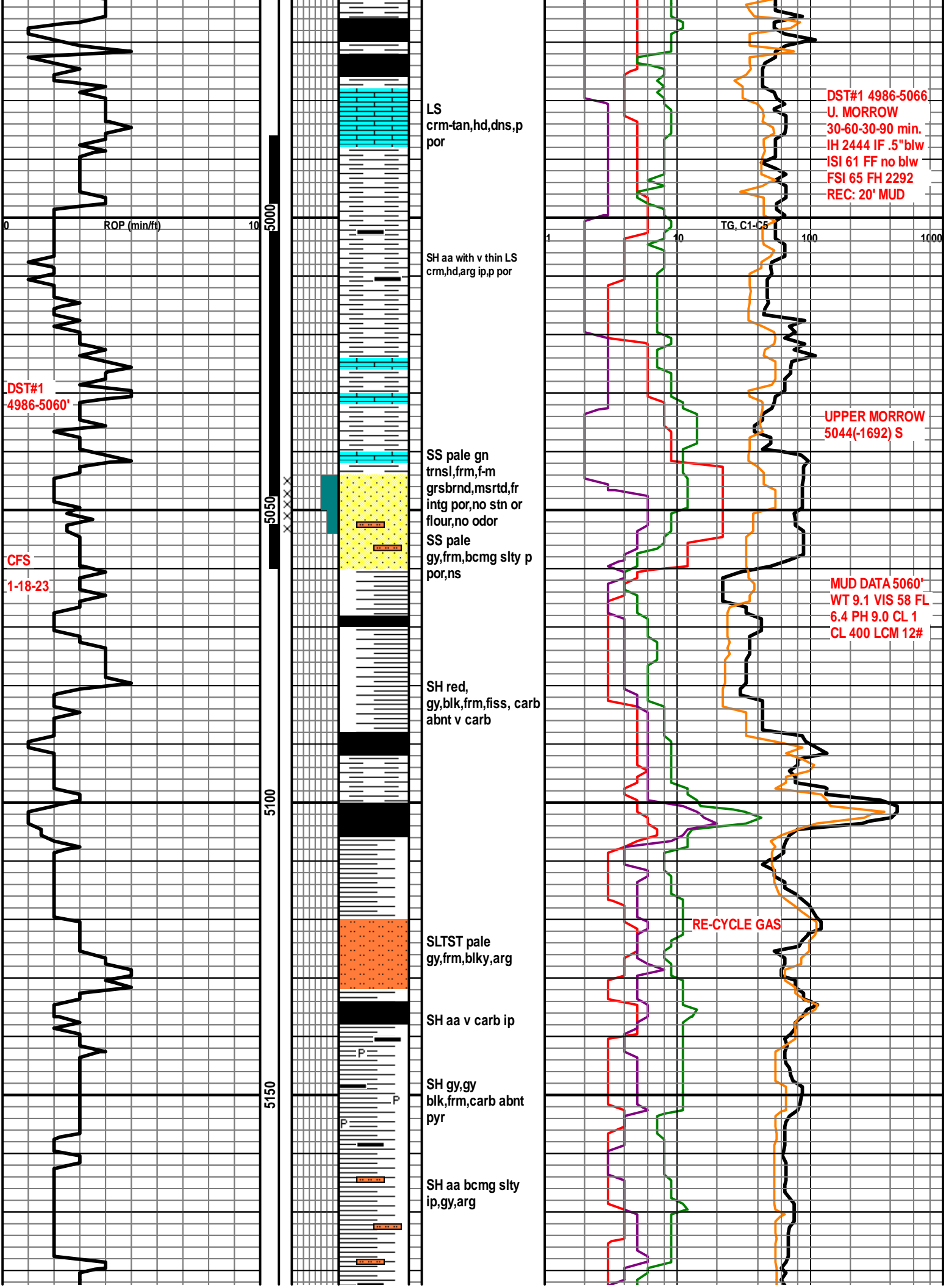


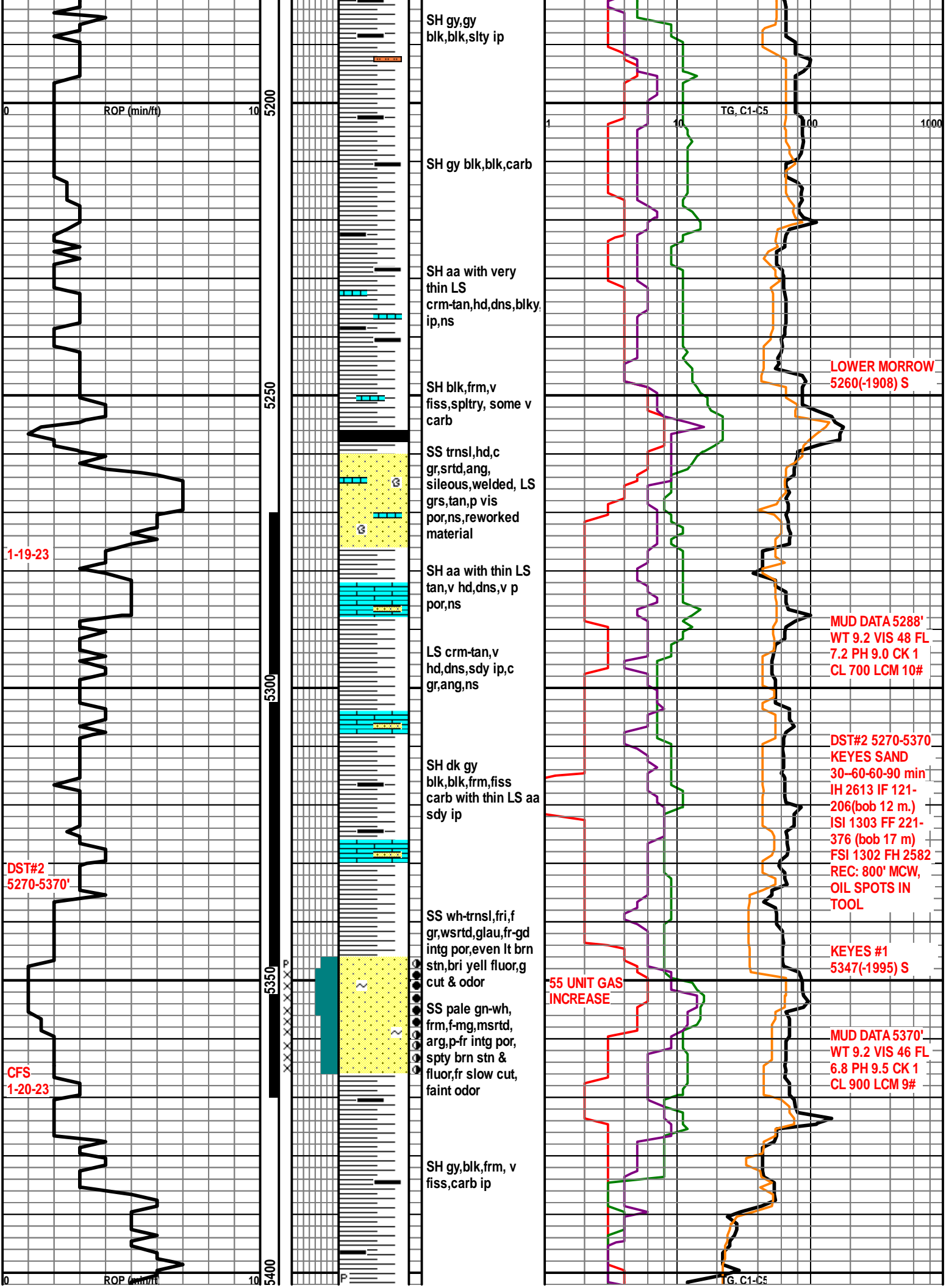


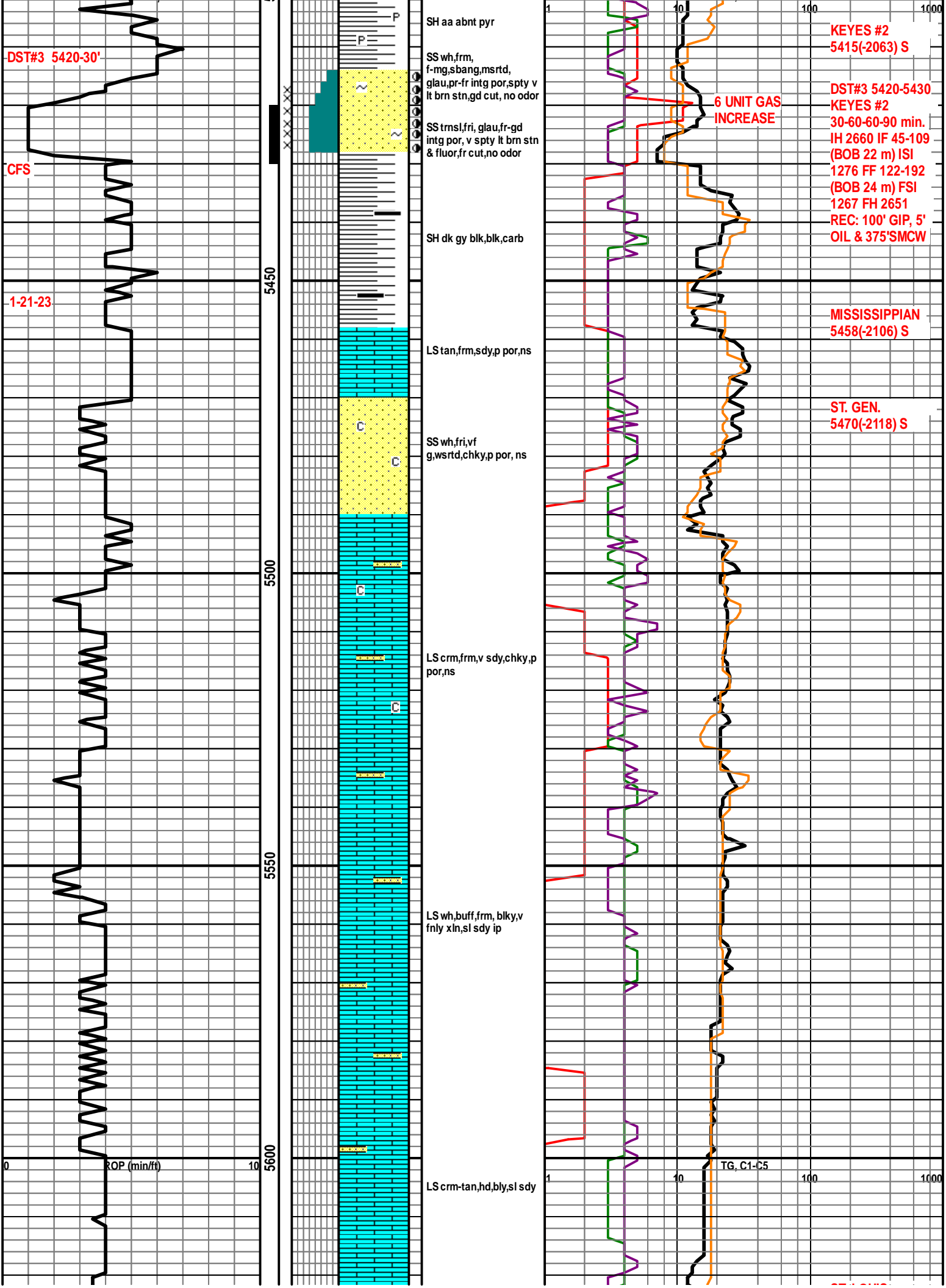












DST#3 5420-30'

CFS

1-21-23

ROP (min/ft)

5450

5500

5550

5600

SH aa abnt pyr

SS wh,frm, f-mg,sbang,msrtd, glau,pr-fr intg por,spty v lt brn stn,gd cut, no odor

SS trnsl,fri, glau,fr-gd intg por, v spty lt brn stn & fluor,fr cut,no odor

SH dk gy blk,blk,carb

LS tan,frm,sdy,p por,ns

SS wh,fri,vf g,wsrtd,chky,p por, ns

LS crm,frm,v sdy,chky,p por,ns

LS wh,buff,frm, blk,y,v fnly xin,sl sdy ip

LS crm-tan,hd,bly,sl sdy

KEYES #2  
5415(-2063) S

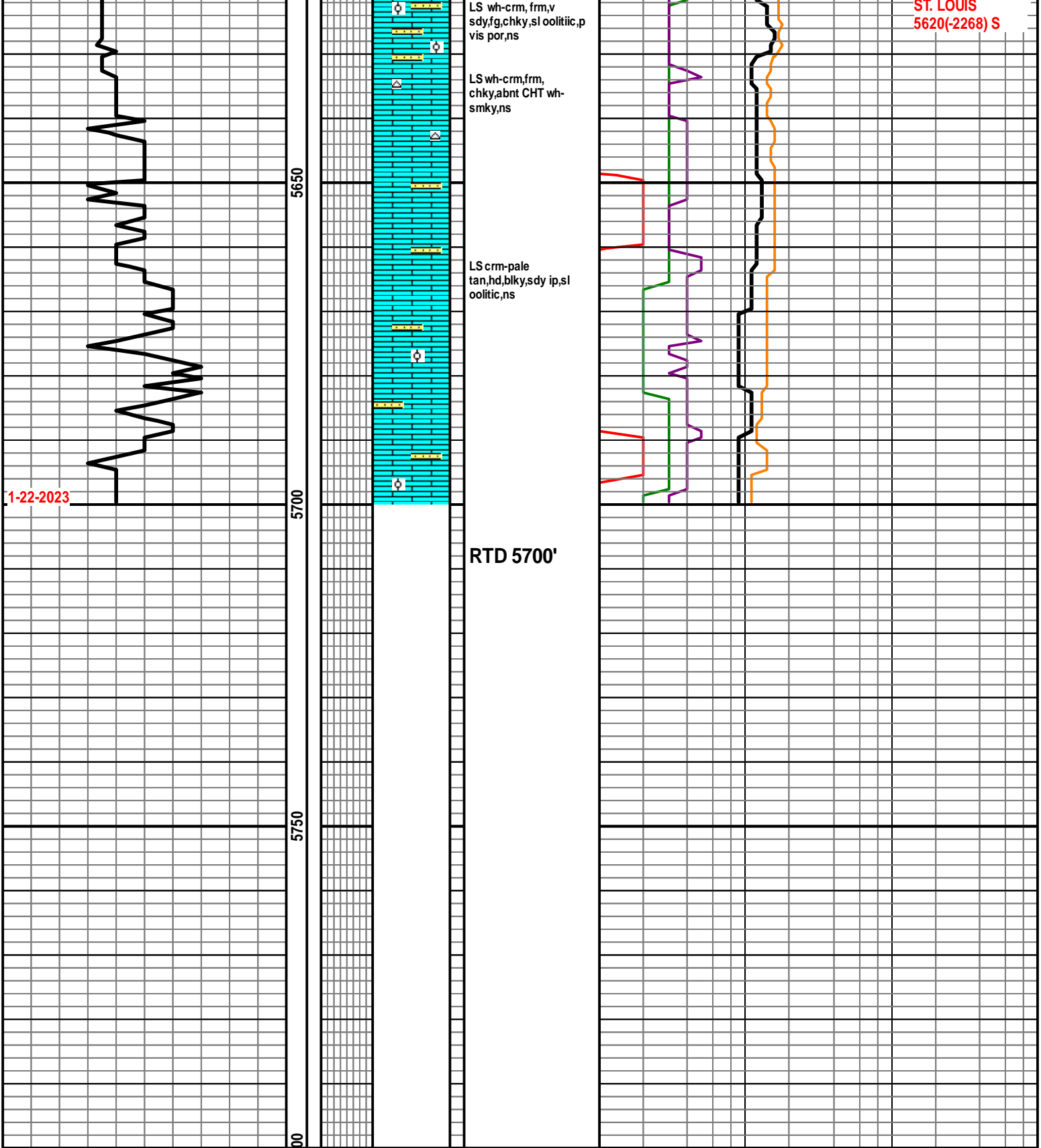
DST#3 5420-5430  
KEYES #2  
30-60-60-90 min.  
IH 2660 IF 45-109  
(BOB 22 m) ISI  
1276 FF 122-192  
(BOB 24 m) FSI  
1267 FH 2651  
REC: 100' GIP, 5'  
OIL & 375'SMCW

MISSISSIPPIAN  
5458(-2106) S

ST. GEN.  
5470(-2118) S

6 UNIT GAS INCREASE

TG, C1-C5



1-22-2023

5650

5700

5750

800

RTD 5700'