

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	ROXIE 1-27
Doc ID	1706110

All Electric Logs Run

Porosity
Induction
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	ROXIE 1-27
Doc ID	1706110

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	1493	65/35 poz (Lead), Class A (Tail)	750	6% gel, 1/4# flakes, 2% CC (Lead), 2% CC (Tail)
Production	7.875	4.5	11.5	5200	Class C lite (Lead), Class H (Tail)	345	8% gel (Lead), 10% gyp, 10% salt, 0.4% fluid loss (Tail)
Production	7.875	4.5	11.5	3216	Class C lite (Lead), Class A (Tail)	375	8% gel (Lead)


QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

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

Form 185-2N

1/26/23

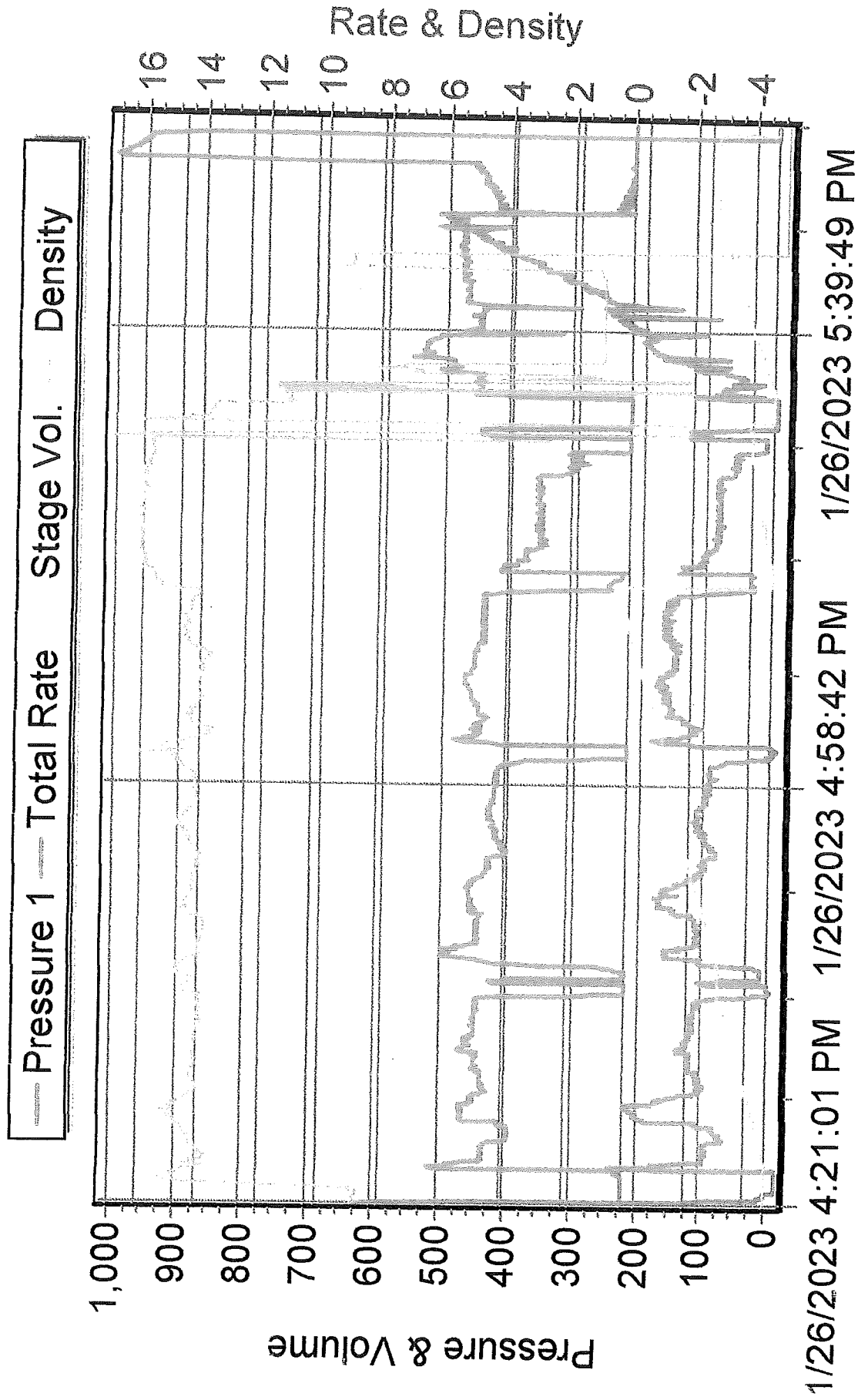
CEMENTING JOB LOG

CEMENTING JOB LOG

Company: Berexco Inc.				Well Name: Roxie 1-27			
Type Job: SURFACE				AFE #:			
CASING DATA							
Size: 8 5/8		Grade:		Weight: 23			
Casing Depths		Top:		Bottom: 1505			
Drill Pipe:		Size:		Weight:		Depth:	
Open Hole:		Size: 12 1/4		T.D. (ft): 1515		Hole:	
CEMENT DATA							
Spacer Type:							
Amt.		Sks Yield	0	ft³/sk		Density (PPG)	
LEAD:		Class A: 65/35/6, 2%CC., 1/4# Celloflake				Excess	
Amt.	600	Sks Yield	1236	ft³/sk	2.06	Density (PPG)	12.32
TAIL:		Class A: 2%CC., 1/4# Celloflake				Excess	
Amt.	150	Sks Yield	178.5	ft³/sk	1.19	Density (PPG)	15.69
WATER:							
Lead:	600	gals/sk:	11.5	Tail:	150	gals/sk:	5.2
						Total (bbls):	182.9
Pump Trucks Used:		04, DP03					
Bulk Equipment:		228, 660-20 / 229, 660-23					
Disp. Fluid Type:		Water (Supplied)		Amt. (Bbls.)	93.7	Weight (PPG):	8.3
COMPANY REPRESENTATIVE:				CEMENTER: Daniel Beck			
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE		
15:00						ON LOCATION & SAFETY MEETING	
15:24						RIG TO CIRCULATE	
16:22						PRESSURE TEST TO 1500PSI	
16:25	250			220slurry	5.6	PUMP 600SX LEAD @ 12.3#	
17:16	250			31.7slurry	4.6	PUMP 150SX TAIL @ 15.6#	
17:32						SHUTDOWN / DROP PLUG	
17:34						DISPLACE / CEMENT TO SURFACE	
	250			20	5.5		
	300			30	5.6		
	300			40	5.5		
	350			50	5.5		
	400			60	5.5		
	450			70	5.5		
	550			80	5.5		
17:51	580			83	5.5	SLOW RATE TO 2.0BPM @ 500PSI	
	500			90	2.0		
17:56	500			93.7	2.0	LAND PLUG / PRESSURE UP TO 1000PSI	
17:58						RELEASE BACK --- FLOAT HELD	
						JOB COMPLETE	
Company: Berexco Inc.				Well Name: Roxie 1-27			
Type Job: SURFACE				AFE #:			
Date: 1/26/2023		CEMENTING JOB LOG		QUASAR ENERGY SERVICES, INC. 185-2			

Berexco Inc.

Roxie 1-27





QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

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Form 185-2N.2

2/3/23

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: Berexco Inc.	Well Name: Roxie 1-27
Type Job: LONG STRING	AFE #:

CASING DATA

Size: 4 1/2	Grade:	Weight: 11.6
Casing Depths	Top:	Bottom:
Drill Pipe:	Size:	Weight:
Open Hole:	Size: 7 7/8	T.D. (ft):
	Hole:	

CEMENT DATA

Spacer Type:	10BBL MUD FLUSH				
Amt.	Sks Yield	0	ft³/sk	Density (PPG)	
LEAD:	Class A: 50/50/8, .3% C-19				Excess 10.77
Amt. 80	Sks Yield 256	ft³/sk 3.2	Density (PPG)		
TAIL:	Class H: 10% Gyp., .5% C-15, 10% Salt, 2#/sk Tactical Blitz				Excess
Amt. 265	Sks Yield 405.45	ft³/sk 1.53	Density (PPG)		14.96
WATER:					
Lead: 80	gals/sk: 20	Tail: 265	gals/sk: 7.15	Total (bbls):	83.2
Pump Trucks Used:	04, DP03				
Bulk Equipment:	134, 660-38 / 230, 660-24				
Disp. Fluid Type: Water	Amt. (Bbls.): 79.2, 49.8	Weight (PPG):	8.3		

COMPANY REPRESENTATIVE: Greg, Tyler **CEMENTER:** Daniel Beck

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
12:30						ON LOCATION & SAFETY MEETING
15:30						RIG TO PT
16:13						PRESSURE TEST TO 2500PSI
16:15						PUMP 10BBL MUD FLUSH
16:18				45.5slurry		PUMP 80SX LEAD @ 10.7#
16:28				72.2slurry		PUMP 265SX TAIL @ 14.9#
16:46						SHUTDOWN / DROP PLUG / WP
16:52	250			10	6.5	DISPLACE W/ WATER
	300			40	7.0	30BBL IN SWITCH TO MUD
	300			50	7.0	
	550			60	7.0	
17:03	600			69	6.3	SLOW RATE TO 2.0BPM @ 500PSI
	500			70	2.0	
17:07	650			79.2	2.0	LAND PLUG / PRESSURE UP TO 1500PSI
17:09						RELEASE BACK --- FLOAT HELD
17:12						DROP OPENING TOOL
17:29						PUMP OPENING TOOL W/ 900PSI
17:34						CIRCULATE
21:01						PLUG RAT & MOUSE W/ 50SX LEAD
21:15				128.2slurry		PUMP 225SX LEAD @ 10.7# / STAGE 2
21:39				13.6slurry		PUMP 50SX TAIL @ 14.9#
21:43						SHUTDOWN / DROP CLOSING PLUG / WP

Company: Berexco Inc.	Well Name: Roxie 1-27
Type Job: LONG STRING	AFE #:
Date: 2/3/2023	CEMENTING JOB LOG

QUASAR ENERGY SERVICES, INC. | 185-2

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Form 185-2N.2

2/3/23

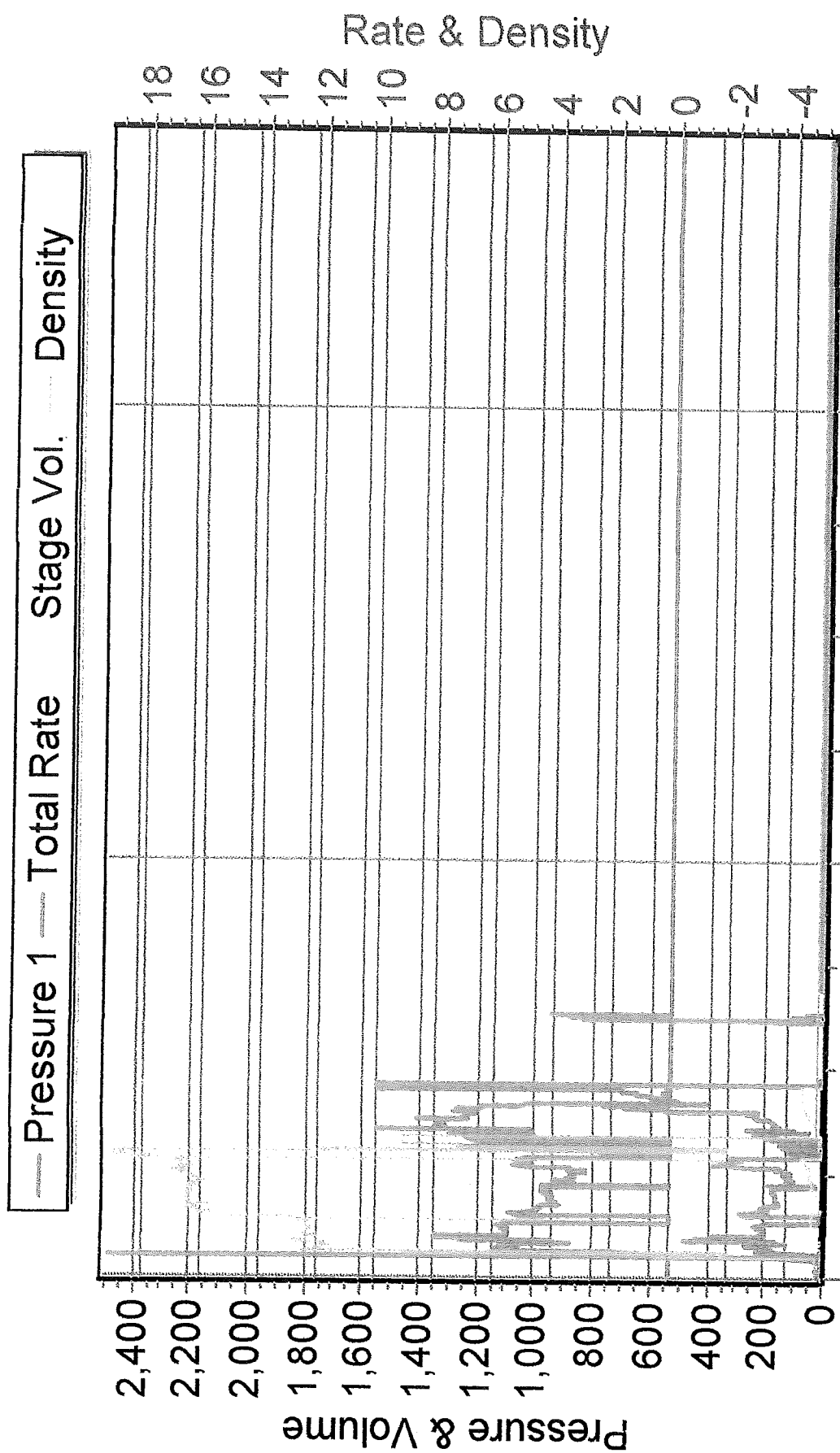
CEMENTING JOB LOG

CEMENTING JOB LOG

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Berexco Inc.

Roxie 1-27





Company: Berexco, LLC

Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Uploading recovery &
pressures

DATE

January

31

2023

DST #1

Formation: Morrow
sand

Test Interval: 4790 -
4880'

Total Depth: 4880'

Time On: 03:33 01/31

Time Off: 14:17 01/31

Time On Bottom: 08:07 01/31

Time Off Bottom: 11:37 01/31

Electronic Volume
Estimate:

N/A

1st Open

Minutes: 30

Current Reading:

308" at 30 min

Max Reading: 308"

1st Close

Minutes: 60

Current Reading:

0" at 60 min

Max Reading: 0"

2nd Open

Minutes: 5

Current Reading:

397" at 5 min

Max Reading: 397"

2nd Close

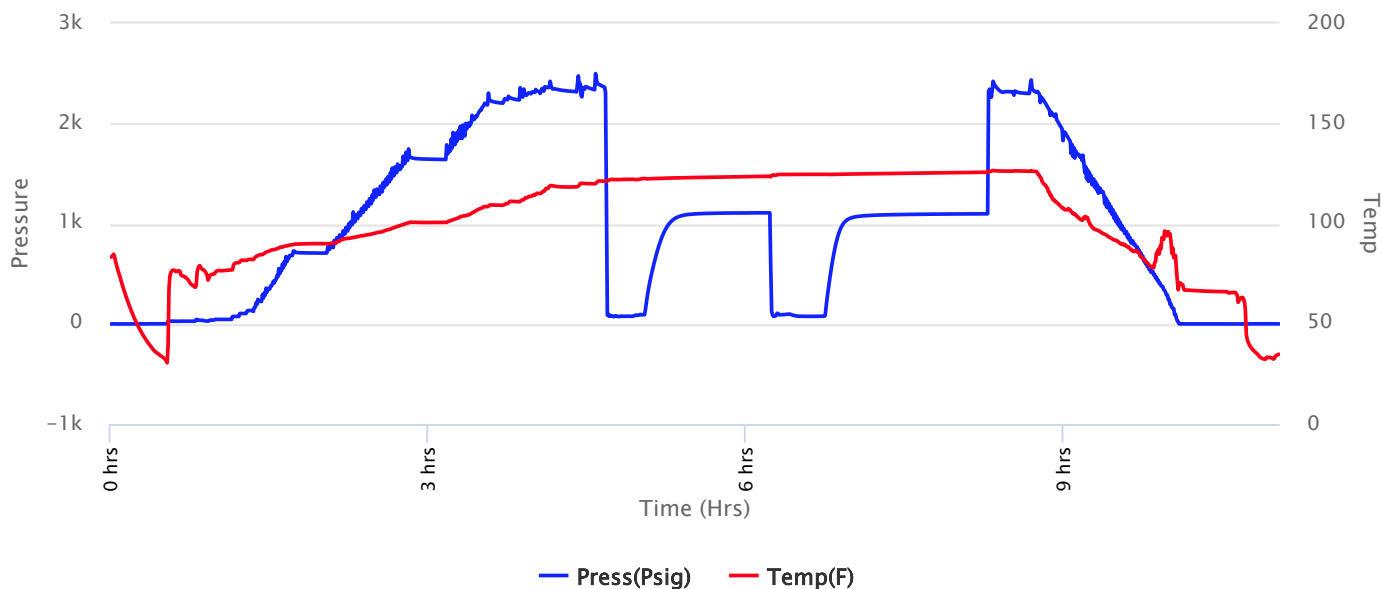
Minutes: 90

Current Reading:

0" at 90 min

Max Reading: 0"

Inside Recorder





Company: Berexco, LLC
Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Uploading recovery &
pressures

DATE

January
31
2023

DST #1 **Formation: Morrow sand** **Test Interval: 4790 - 4880'** **Total Depth: 4880'**

Time On: 03:33 01/31 Time Off: 14:17 01/31
Time On Bottom: 08:07 01/31 Time Off Bottom: 11:37 01/31

Recovered

<u>Foot</u>	<u>BBLs</u>
180	0.8856

<u>Description of Fluid</u>
SLGCM

<u>Gas %</u>
5

<u>Oil %</u>
0

<u>Water %</u>
0

<u>Mud %</u>
95

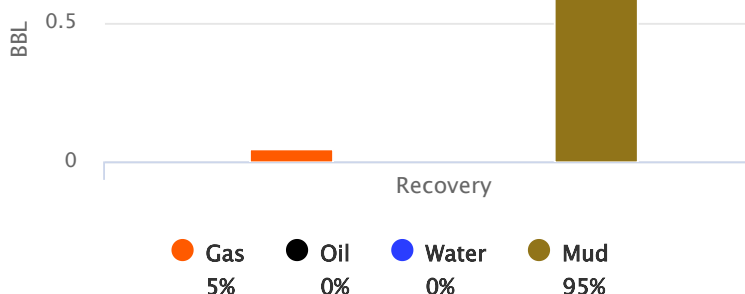
Total Recovered: 180 ft

Total Barrels Recovered: 0.8856

Reversed Out
NO

Recovery at a glance

Initial Hydrostatic Pressure	2371	PSI
Initial Flow	87 to 95	PSI
Initial Closed in Pressure	1109	PSI
Final Flow Pressure	80 to 76	PSI
Final Closed in Pressure	1099	PSI
Final Hydrostatic Pressure	2348	PSI
Temperature	126	°F
Pressure Change Initial Close / Final Close	0.9	%



GIP cubic foot volume: 0.24861



Company: Berexco, LLC
Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Uploading recovery &
pressures

DATE

January

31

2023

DST #1

**Formation: Morrow
sand**

**Test Interval: 4790 -
4880'**

Total Depth: 4880'

Time On: 03:33 01/31

Time Off: 14:17 01/31

Time On Bottom: 08:07 01/31

Time Off Bottom: 11:37 01/31

BUCKET MEASUREMENT:

1st Open: Moderate blow built to bob in 3 minutes

1st Close: No blow back

2nd Open: Bob asao

2nd Close: No blow back

REMARKS:

hit bridge about 10' off bottom

Tool Sample: 5% Gas 0% Oil 0% Water 95% Mud



SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Uploading recovery & pressures

January
31
2023

DST #1	Formation: Morrow sand	Test Interval: 4790 - 4880'	Total Depth: 4880'
	Time On: 03:33 01/31	Time Off: 14:17 01/31	
	Time On Bottom: 08:07 01/31	Time Off Bottom: 11:37 01/31	

Down Hole Makeup

Packer 1: 4785 FT

Packer 2: 4790 FT

Top Recorder: 4774.42 FT

Bottom Recorder: 4857 FT

Well Bore Size: 7 7/8

Surface Choke: 1"

Bottom Choke: 5/8"

Total Anchor: 90

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 2 FT
4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 62 FT
ID-3

Change Over: .5 FT

Perforations: (below): 24 FT
4 1/2-FH



SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Uploading recovery & pressures

DATE

January

31

2023

DST #1

**Formation: Morrow
sand**

Test Interval: 4790 - 4880'

Total Depth: 4880'

Time On: 03:33 01/31

Time Off: 14:17 01/31

Time On Bottom: 08:07 01/31 Time Off Bottom: 11:37 01/31

Mud Properties

Mud Type: Chem

Weight: 9.3

Viscosity: 45

Filtrate: 6.8

Chlorides: 500 ppm



Company: Berexco, LLC
Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Uploading recovery &
pressures

DATE

January
31
2023

DST #1

**Formation: Morrow
sand**

**Test Interval: 4790 -
4880'**

Total Depth: 4880'

Time On: 03:33 01/31

Time Off: 14:17 01/31

Time On Bottom: 08:07 01/31

Time Off Bottom: 11:37 01/31

Gas Volume Report

Remarks: Gts in 22 min No sample collected

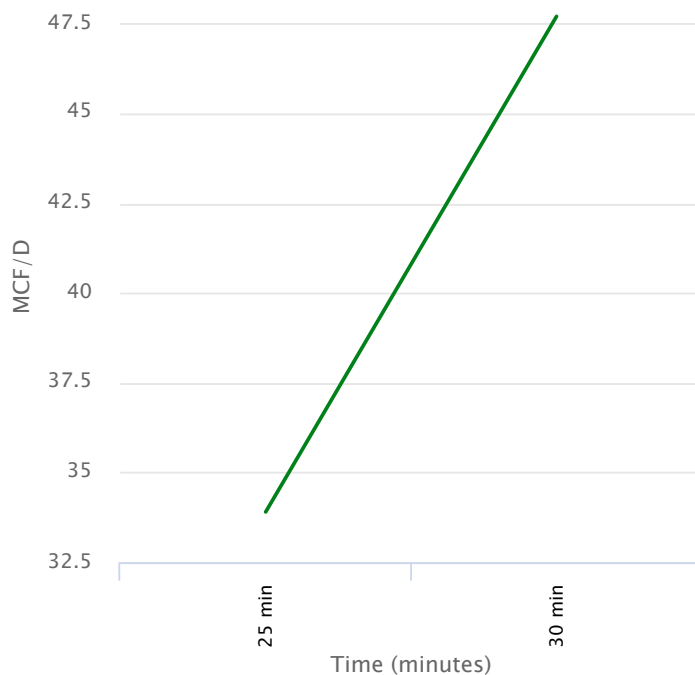
1st Open

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

2nd Open

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

25	0.50	1.0	33.9
30	0.50	2.0	47.7





Company: Berexco, LLC

Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Test Complete

DATE

February

01

2023

DST #2

Formation: Keyes

Test Interval: 4886 -
4900'

Total Depth: 4900'

Time On: 01:57 02/01

Time Off: 00:00 01/01

Time On Bottom: 04:45 02/01

Time Off Bottom: 07:00 02/01

Electronic Volume
Estimate:

N/A

1st Open

Minutes: 5

Current Reading:

400" at 5 min

Max Reading: 400"

1st Close

Minutes: 60

Current Reading:

0" at 60 min

Max Reading: 400"

2nd Open

Minutes: 5

Current Reading:

400" at 5 min

Max Reading: 400"

2nd Close

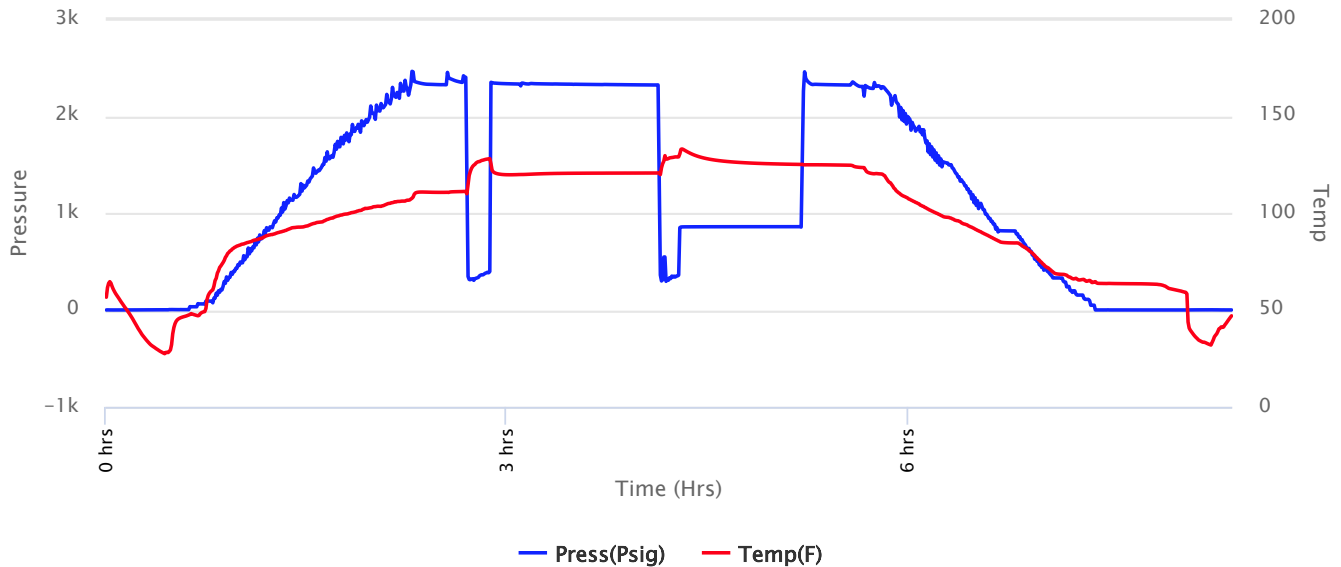
Minutes: 60

Current Reading:

0" at 60 min

Max Reading: 400"

Inside Recorder





Company: Berexco, LLC

Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
 County: MORTON
 State: Kansas
 Drilling Contractor: Duke Drilling
 Company, Inc - Rig 9
 Elevation: 3480 GL
 Field Name: Sparks SW
 Pool: Infield
 Job Number: 639
 API #: 15-129-22010

Operation:

Test Complete

DATE

February

01

2023

DST #2

Formation: Keyes

Test Interval: 4886 -
4900'

Total Depth: 4900'

Time On: 01:57 02/01

Time Off: 00:00 01/01

Time On Bottom: 04:45 02/01

Time Off Bottom: 07:00 02/01

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
180	1.9512	SLGCHWCM	5	0	45	50
300	2.1864	SLGCSLMCW	5	0	80	15

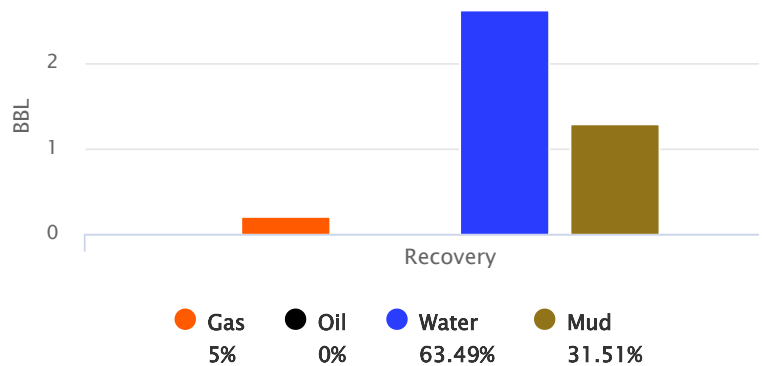
Total Recovered: 480 ft

Total Barrels Recovered: 4.1376

Reversed Out
NO

Initial Hydrostatic Pressure	2357	PSI
Initial Flow	305 to 384	PSI
Initial Closed in Pressure	2320	PSI
Final Flow Pressure	360 to 351	PSI
Final Closed in Pressure	859	PSI
Final Hydrostatic Pressure	2334	PSI
Temperature	125	°F
Pressure Change Initial Close / Final Close	63.0	%

Recovery at a glance



GIP cubic foot volume: 1.16153



Company: Berexco, LLC
Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Test Complete

DATE

February

01

2023

DST #2

Formation: Keyes

**Test Interval: 4886 -
4900'**

Total Depth: 4900'

Time On: 01:57 02/01

Time Off: 00:00 01/01

Time On Bottom: 04:45 02/01

Time Off Bottom: 07:00 02/01

BUCKET MEASUREMENT:

1st Open: Bob as soon as open

1st Close: No blow back

2nd Open: Bob as soon as open

2nd Close: No blow back

REMARKS:

Picked up to high on 1st shut-in. Tool at hydrostatic pressure on 1st shut-in. 1st shut-in not valid.

Tool Sample: 5% Gas 0% Oil 85% Water 10% Mud

Measured RW: .4 @ 14 degrees °F

RW at Formation Temp: 0.063 @ 125 °F

Chlorides: 72300 ppm



Company: Berexco, LLC
Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Test Complete

DATE

February

01

2023

DST #2

Formation: Keyes

**Test Interval: 4886 -
4900'**

Total Depth: 4900'

Time On: 01:57 02/01

Time Off: 00:00 01/01

Time On Bottom: 04:45 02/01

Time Off Bottom: 07:00 02/01

Down Hole Makeup

Heads Up: 28.57 FT

Packer 1: 4881 FT

Drill Pipe: 4702 FT
ID-3

Packer 2: 4886 FT

Weight Pipe: FT
ID-2 7/8

Top Recorder: 4870.42 FT

Collars: 180 FT
ID-2 1/4

Bottom Recorder: 4888 FT

Test Tool: 33.57 FT
ID-3 1/2-FH
Jars
Safety Joint

Well Bore Size: 7 7/8

Surface Choke: 1"

Bottom Choke: 5/8"

Total Anchor: 14

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3

Change Over: FT

Perforations: (below): 13 FT
4 1/2-FH



Company: Berexco, LLC
Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
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Operation:

Test Complete

DATE

February

01

2023

DST #2

Formation: Keyes

**Test Interval: 4886 -
4900'**

Total Depth: 4900'

Time On: 01:57 02/01

Time Off: 00:00 01/01

Time On Bottom: 04:45 02/01

Time Off Bottom: 07:00 02/01

Mud Properties

Mud Type: Chem

Weight: 9.3

Viscosity: 56

Filtrate: 6.4

Chlorides: 500 ppm



Company: Berexco, LLC
Lease: Roxie #1-27

SEC: 27 TWN: 31S RNG: 42W
County: MORTON
State: Kansas
Drilling Contractor: Duke Drilling
Company, Inc - Rig 9
Elevation: 3480 GL
Field Name: Sparks SW
Pool: Infield
Job Number: 639
API #: 15-129-22010

Operation:

Test Complete

DATE

February

01

2023

DST #2

Formation: Keyes

**Test Interval: 4886 -
4900'**

Total Depth: 4900'

Time On: 01:57 02/01

Time Off: 00:00 01/01

Time On Bottom: 04:45 02/01

Time Off Bottom: 07:00 02/01

Gas Volume Report

Remarks: Gas to surface in 5 minute on first open. I couldn't gauge gas properly because the 2" line the rig has doesn't have threads or a hammer union to connect with. Gas volume greater than indicated.

1st Open

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

2nd Open

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

1	1.50	25	>3320
5	1.50	68	>4827

MCF/D



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

Well Name: Roxie #1-27
Well Id: 15-129-22010
Location: SW NE NE NE Sec. 29, T23S-R32W Morton County, Kansas
License Number: 34318
Spud Date: 25 JAN 23
Surface Coordinates: 1312' FNL & 1330' FWL
Region: Hugoton Embayment
Drilling Completed: 2 FEB 23

Bottom Hole
Coordinates:
Ground Elevation (ft): 3480' K.B. Elevation (ft): 3493'
Logged Interval (ft): 4000' To: 5200' Total Depth (ft): 5200'
Formation: KANSAS CITY thru ST. LOUIS
Type of Drilling Fluid: Freshwater Chemical

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

OPERATOR

Company: BEREXCO, LLC
Address: 2020 North Bramblewood Drive
Wichita, Kansas 67206 1094

GEOLOGIST

Name: Peter Vollmer WPG #3369
Company: Sunburst Consulting, Inc.
Address: 1645 Avenue D Suite E
Billings, Montana 59102
406-259-4124

SURVEYS

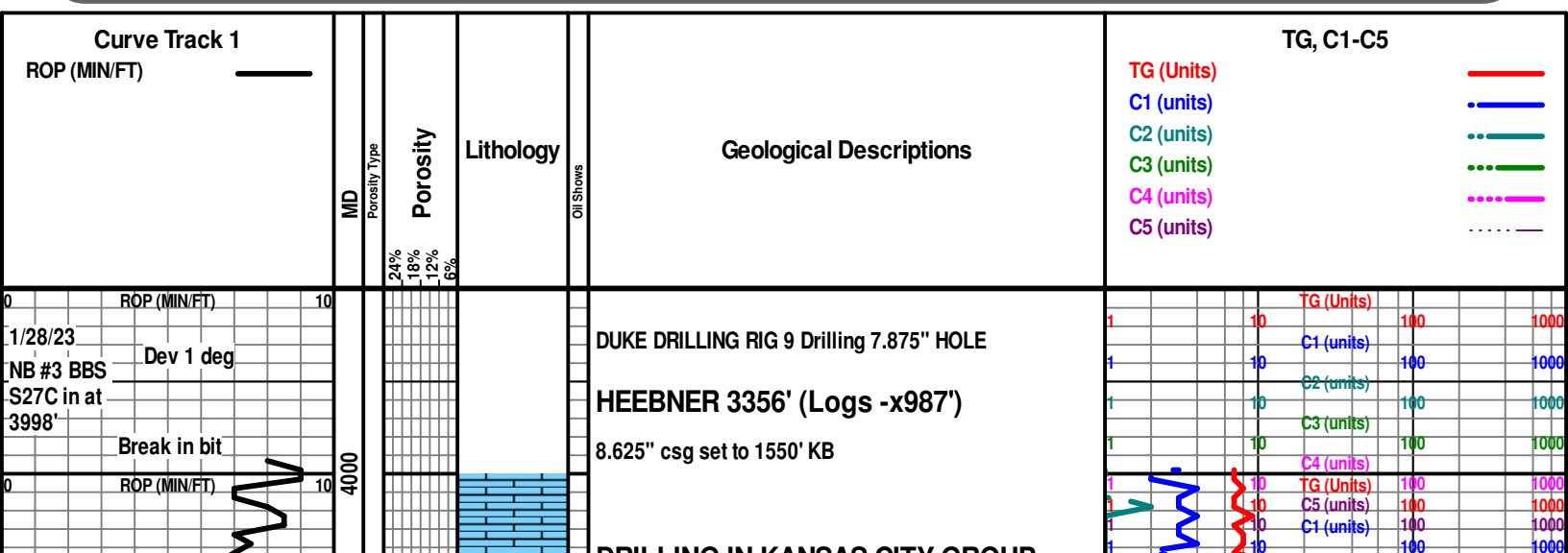
DSTs

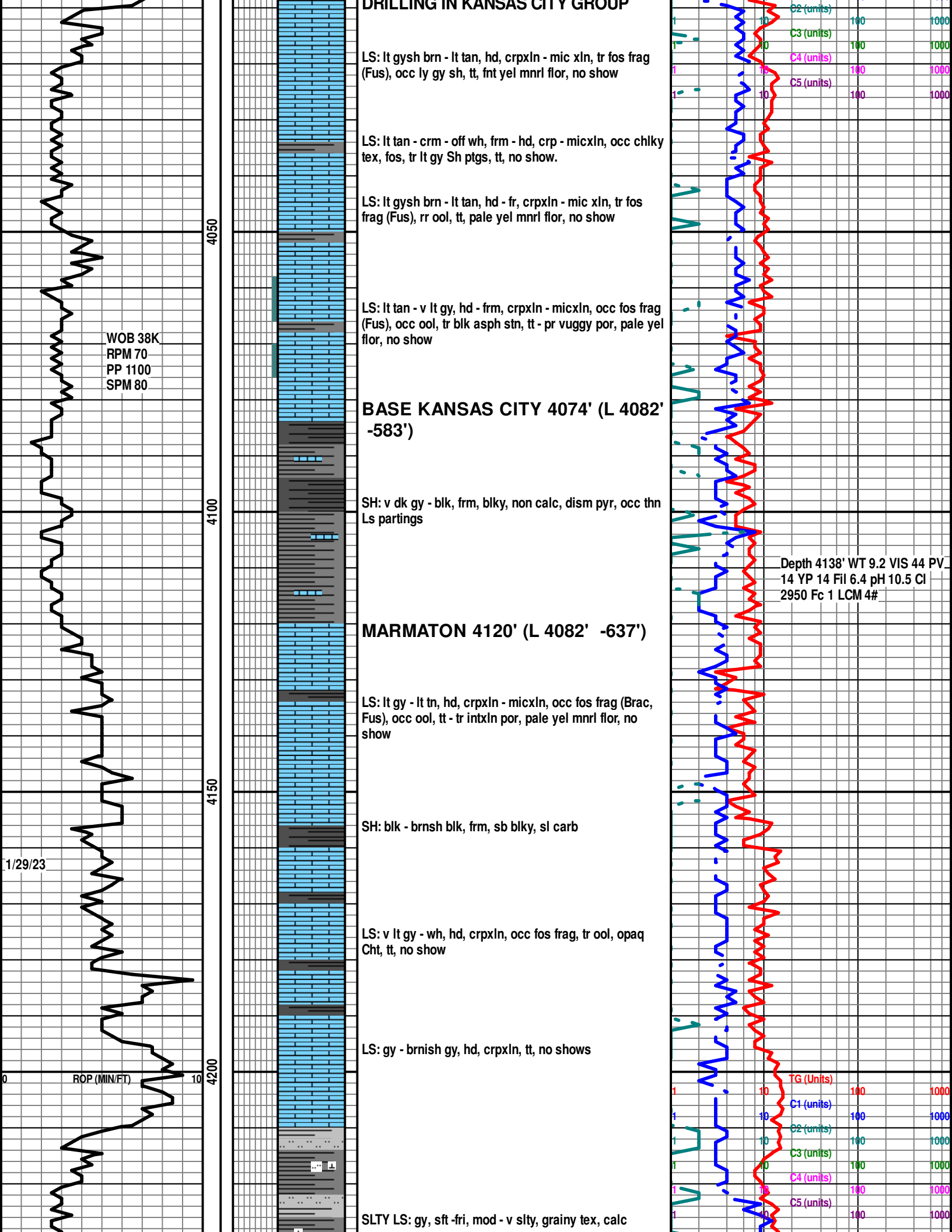
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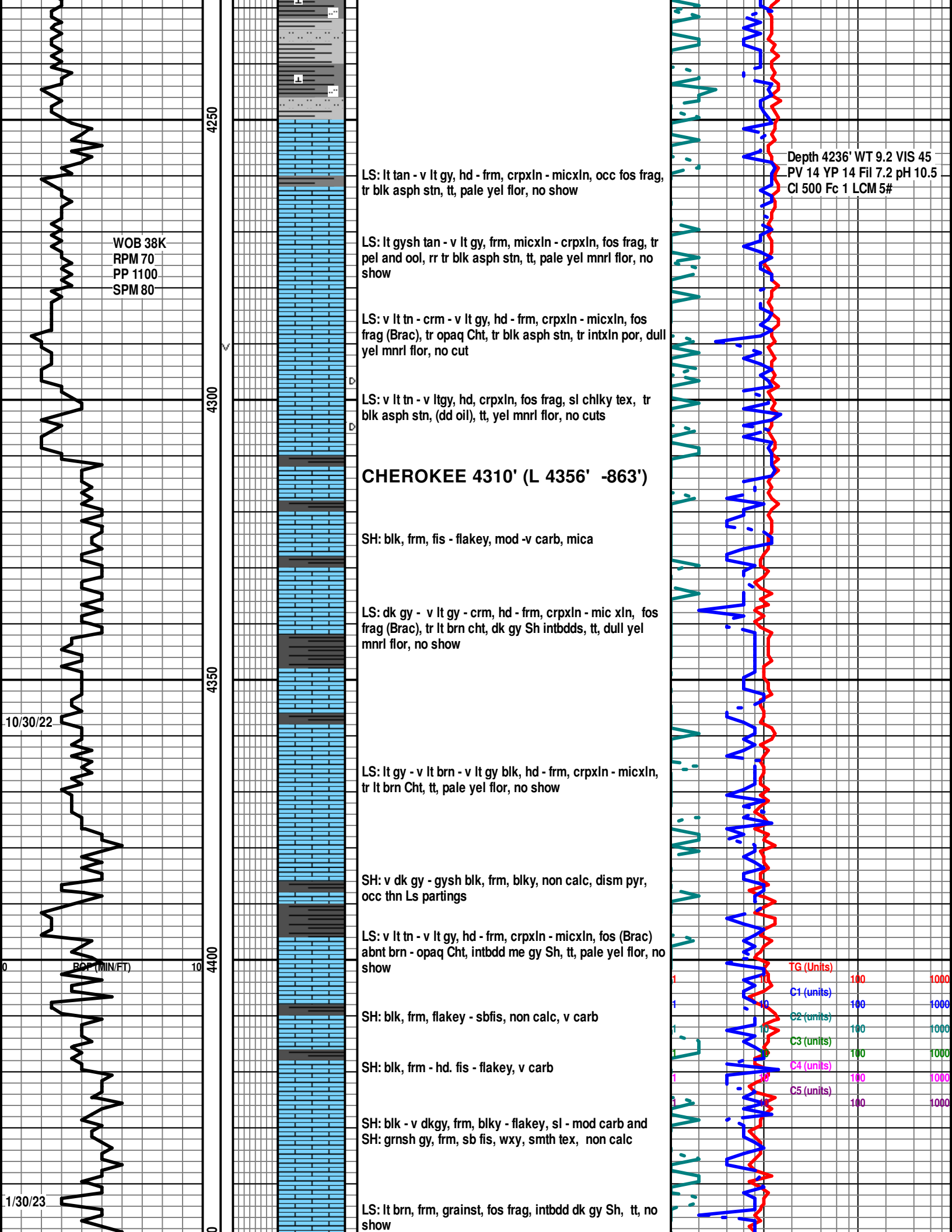
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	Bent		Gyp		Sh green		Shgy
	Brec		Igne		Sh gray-red		Sltst
	Cht		Lmst		Sh dk-gray		Ss
	Clyst		Meta		Sh gray		Till
	Coal		Mrlst		Sh blk-brn		Sltst gy
	Congl		Salt		Shale		Sh orng

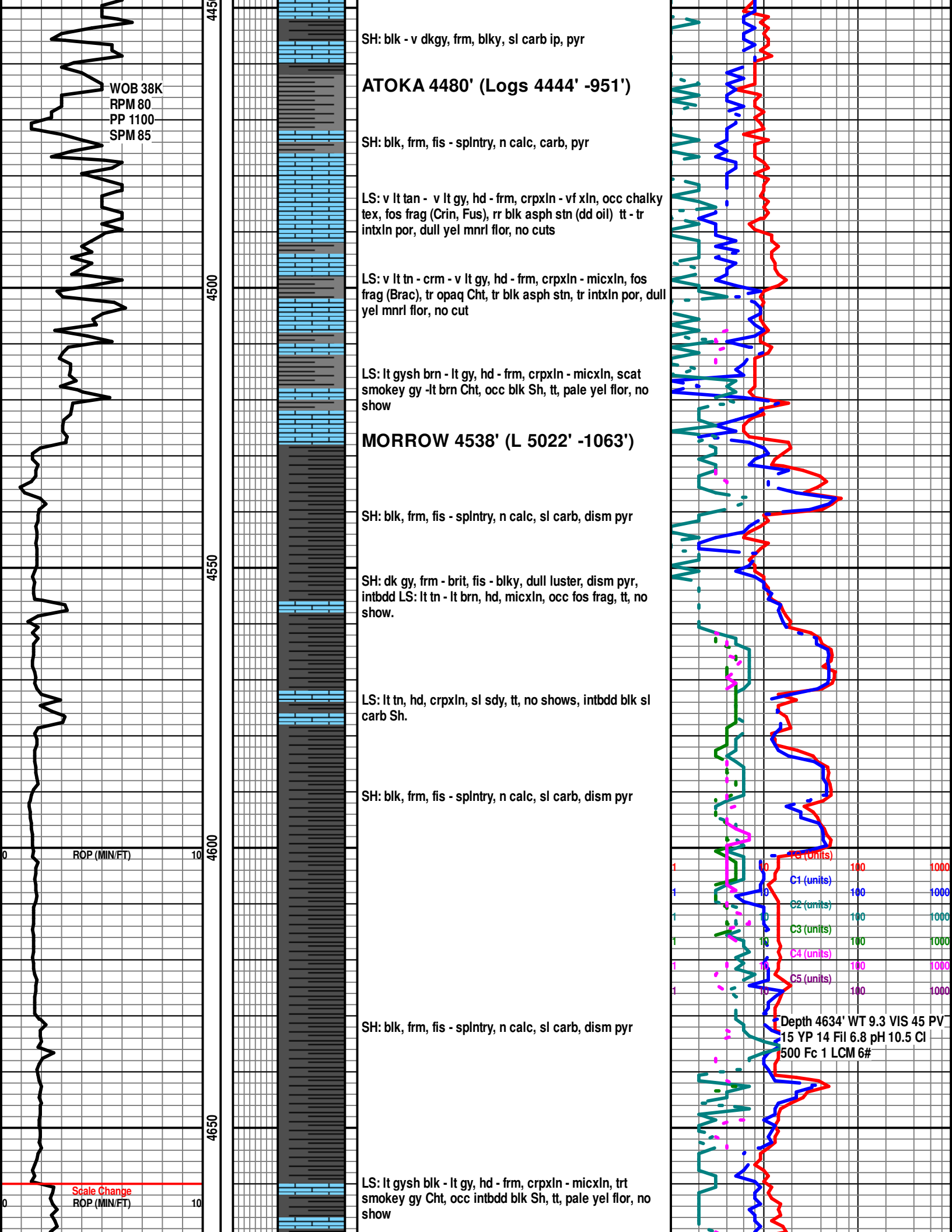
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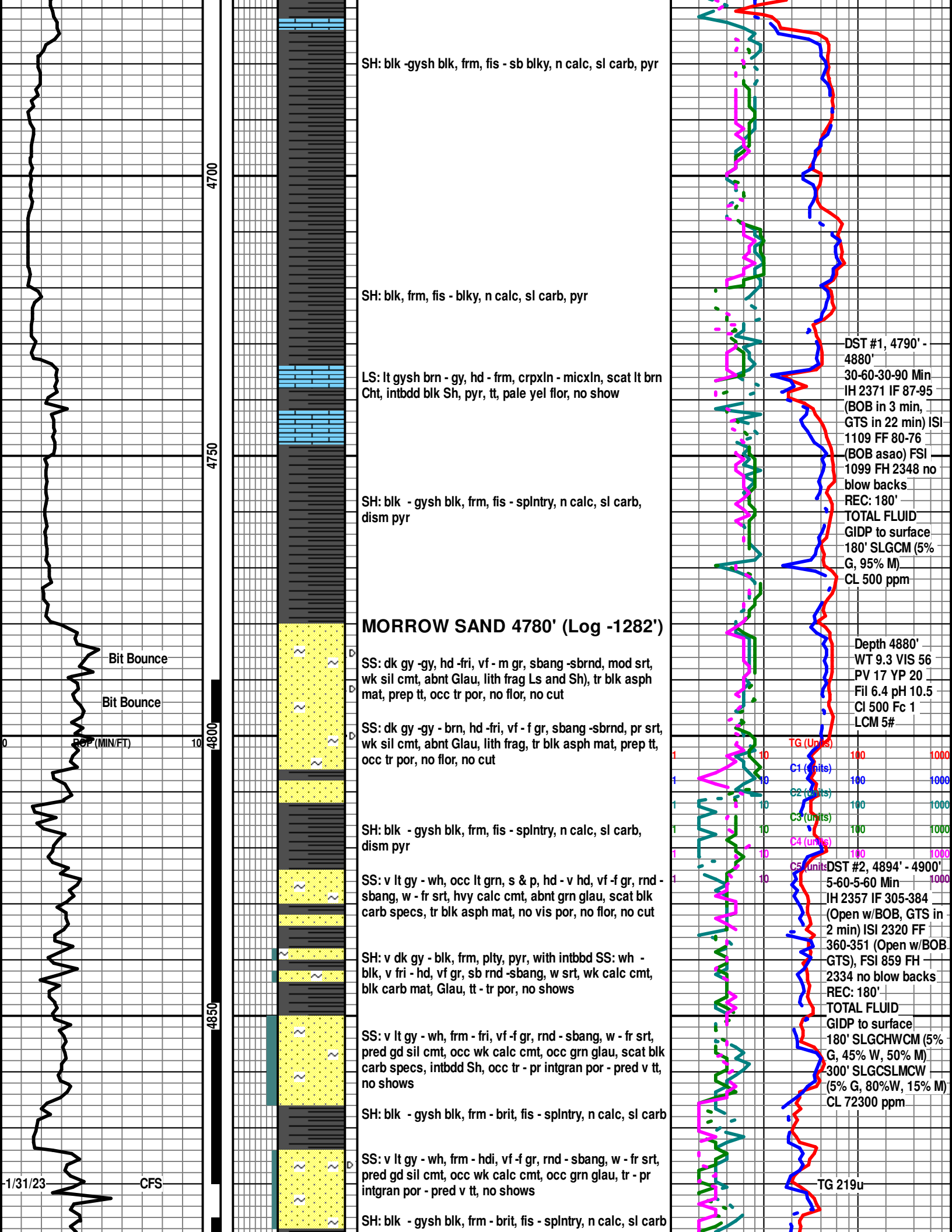
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Earthly	Sh orng	Rounded	INTERVAL	
Fenest	Lsstrg	Subrnd		Dst
Fracture		Subang		Dst
Inter	SORTING	Angular		
Moldic	Well	OIL SHOW	EVENT	
Organic	Moderate	Even	Rft	
Pinpoint	Poor	Spotted	Sidewall	
Vuggy		Ques		
Sh orng				

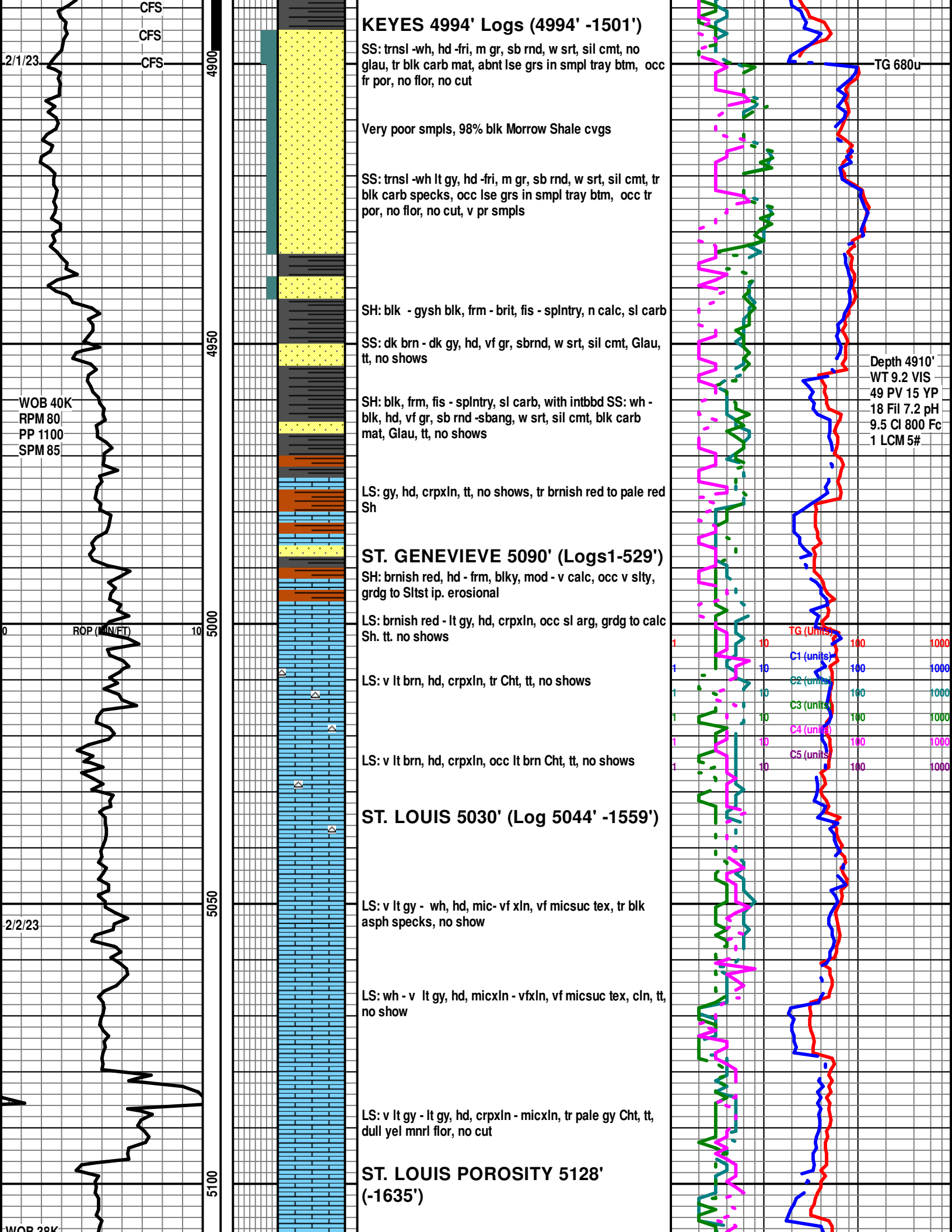












[illegible]