KOLAR Document ID: 1631504

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 # 6044
Name: Stelbar Oil Corporation, Inc.
Address 1: 1625 N WATERFRONT PKWY STE 200
Address 2:
City: WICHITA State: KS Zip: 67206 + 6602
Contact Person: Dustin D. Damme
Phone: (316) 264-8378
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Dave Goldak
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 #:

02/01/2022 Spud Date or Recompletion Date
02/11/2022 Date Reached TD
03/17/2022 Completion Date or Recompletion Date

API No.: 15-199-20456-00-00
Spot Description:
NE - SW - SW - SW Sec. 10 Twp. 14 S. R. 41 ☐ East ☑ West
548 Feet from ☐ North / ☑ South Line of Section
343 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: Wallace
Lease Name: BPC TRUST Well #: 1-10
Field Name:
Producing Formation: n/a
Elevation: Ground: 3761 Kelly Bushing: 3769
Total Vertical Depth: 5249 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 552 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2908 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: 21000 ppm Fluid volume: 1000 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: 05/27/2022
☐ **Confidential Release Date:** 05/26/2024
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** David Befort **Date:** 05/27/2022

Operator Name: Stelbar Oil Corporation, Inc. Lease Name: BPC TRUST Well #: 1-10

Sec. 10 Twp. 14 S. R. 41 ☐ East ☑ West County: Wallace

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
Attached	Attached	Attached

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	24	552	H-325	400	3%cc;2%gel;1/4#/sk. celloflake
Production	7.875	5.50	15.5	5221	H-LD	175	10% gyp, 10% salt, 0.5% fluid loss, 0.5%

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:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	4906	4916

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)*
4	4906	4916			1500 gals 15% HCL, 17,000 gals 25# cross-linked gelled water with 16,500 lbs 20/40 sand and 6,000 lbs 16/30 resin coated sand.

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	Stelbar Oil Corporation, Inc.
Well Name	BPC TRUST 1-10
Doc ID	1631504

All Electric Logs Run

Comp. Density / Neutron PE Log
Dual Induction Log
Sonic Log
Micro Log

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	BPC TRUST 1-10
Doc ID	1631504

Tops

Name	Top	Datum
Base Anhydrite	2875	+894
Heebner Shale	4158	-389
Lansing	4213	-444
Muncie Creek Shale	4383	-614
Stark Shale	4477	-708
Pawnee	4689	-920
Cherokee Shale	4756	-987
Atoka	4852	-1083
Morrow Shale	4982	-1213
Mississippian	5150	-1381

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	BPC TRUST 1-10
Doc ID	1631504

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	24	552	H-325	400	3%cc;2%gel;1/4#/sk. celloflake
Production	7.875	5.50	15.5	5221	H-LD	175	10% gyp, 10% salt, 0.5% fluid loss, 0.5% defoamer, and 5.0 #/sk gilsonite

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206

ATTN: Dave Goldak

BPC Trust #1-10

10-14s-41w Wallace,KS

Start Date: 2022.02.07 @ 21:16:32
End Date: 2022.02.08 @ 05:41:32
Job Ticket #: 68393 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.02.11 @ 10:51:17

DRILL STEM TEST REPORT

Stelbar Oil Corp

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68393 **DST#: 1**

Test Start: 2022.02.07 @ 21:16:32

GENERAL INFORMATION:

Formation: **LKC A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:15:32
Time Test Ended: 05:41:32

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79

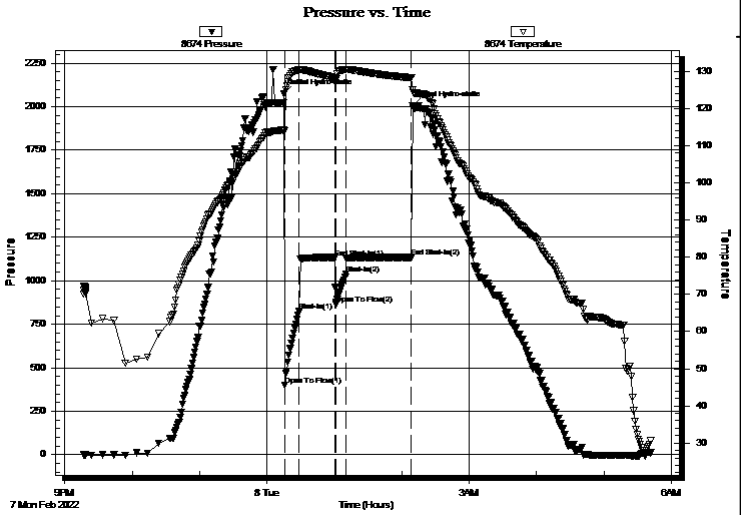
Interval: 4200.00 ft (KB) To 4225.00 ft (KB) (TVD)
Total Depth: 4225.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3769.00 ft (KB)
3763.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8674 **Outside**
Press@RunDepth: 1038.87 psig @ 4201.00 ft (KB)
Start Date: 2022.02.07 End Date: 2022.02.08
Start Time: 21:16:37 End Time: 05:41:31

Capacity: 8000.00 psig
Last Calib.: 2022.02.08
Time On Btm: 2022.02.08 @ 00:15:02
Time Off Btm: 2022.02.08 @ 02:09:32

TEST COMMENT: IF: BOB 173"
IS: No return.
FF: BOB in 1 1/2 min . 99"
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.58	114.13	Initial Hydro-static
1	401.31	114.11	Open To Flow (1)
14	825.91	130.35	Shut-In(1)
45	1134.22	128.26	End Shut-In(1)
46	863.88	127.46	Open To Flow (2)
55	1038.87	130.42	Shut-In(2)
114	1134.81	128.23	End Shut-In(2)
115	2007.26	125.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1323.00	w ater 100%w	16.92
504.00	mcw 90%w 10%m	7.07
315.00	w cm 20%w 80%m	4.42
0.00	H2S 13 PPM	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Stelbar Oil Corp

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68393 **DST#: 1**

Test Start: 2022.02.07 @ 21:16:32

GENERAL INFORMATION:

Formation: **LKC A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:15:32
Time Test Ended: 05:41:32

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79

Interval: 4200.00 ft (KB) To 4225.00 ft (KB) (TVD)
Total Depth: 4225.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

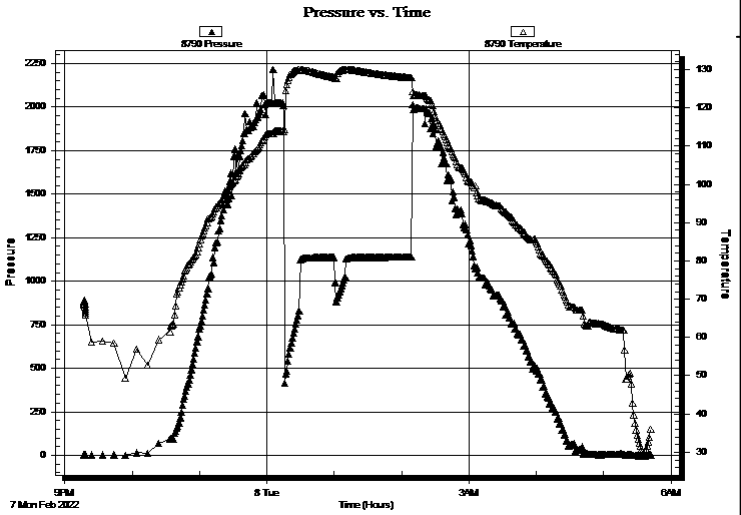
Reference Elevations: 3769.00 ft (KB)
3763.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: psig @ 4201.00 ft (KB)
Start Date: 2022.02.07 End Date: 2022.02.08
Start Time: 21:16:50 End Time: 05:41:44

Capacity: 8000.00 psig
Last Calib.: 2022.02.08
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB 173"
IS: No return.
FF: BOB in 1 1/2 min . 99"
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1323.00	w ater 100%w	16.92
504.00	mcw 90%w 10%m	7.07
315.00	w cm 20%w 80%m	4.42
0.00	H2S 13 PPM	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corp

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68393 **DST#: 1**

Test Start: 2022.02.07 @ 21:16:32

Tool Information

Drill Pipe:	Length:	4017.00 ft	Diameter:	3.80 inches	Volume:	56.35 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		30000.00 lb
Drill Collar:	Length:	180.00 ft	Diameter:	2.25 inches	Volume:	0.89 bbl	Weight to Pull Loose:		90000.00 lb
					Total Volume:	57.24 bbl	Tool Chased		10.00 ft
Drill Pipe Above KB:		28.00 ft					String Weight:	Initial	60000.00 lb
Depth to Top Packer:		4200.00 ft						Final	70000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		25.00 ft							
Tool Length:		56.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00		Fluid	4170.00		
Shut In Tool	5.00			4175.00		
Sampler	2.00			4177.00		
Hydraulic tool	5.00			4182.00		
Jars	5.00			4187.00		
EM Tool	2.00			4189.00		
Safety Joint	2.00			4191.00		
Packer	5.00			4196.00	31.00	Bottom Of Top Packer
Packer	4.00			4200.00		
Stubb	1.00			4201.00		
Recorder	0.00	8790	Inside	4201.00		
Recorder	0.00	8674	Outside	4201.00		
Perforations	21.00			4222.00		
Bullnose	3.00			4225.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**56.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68393 **DST#: 1**

Test Start: 2022.02.07 @ 21:16:32

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:	25000 ppm
Viscosity:	63.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1323.00	water 100%w	16.918
504.00	mcw 90%w 10%m	7.070
315.00	wcm 20%w 80%m	4.419
0.00	H2S 13 PPM	0.000

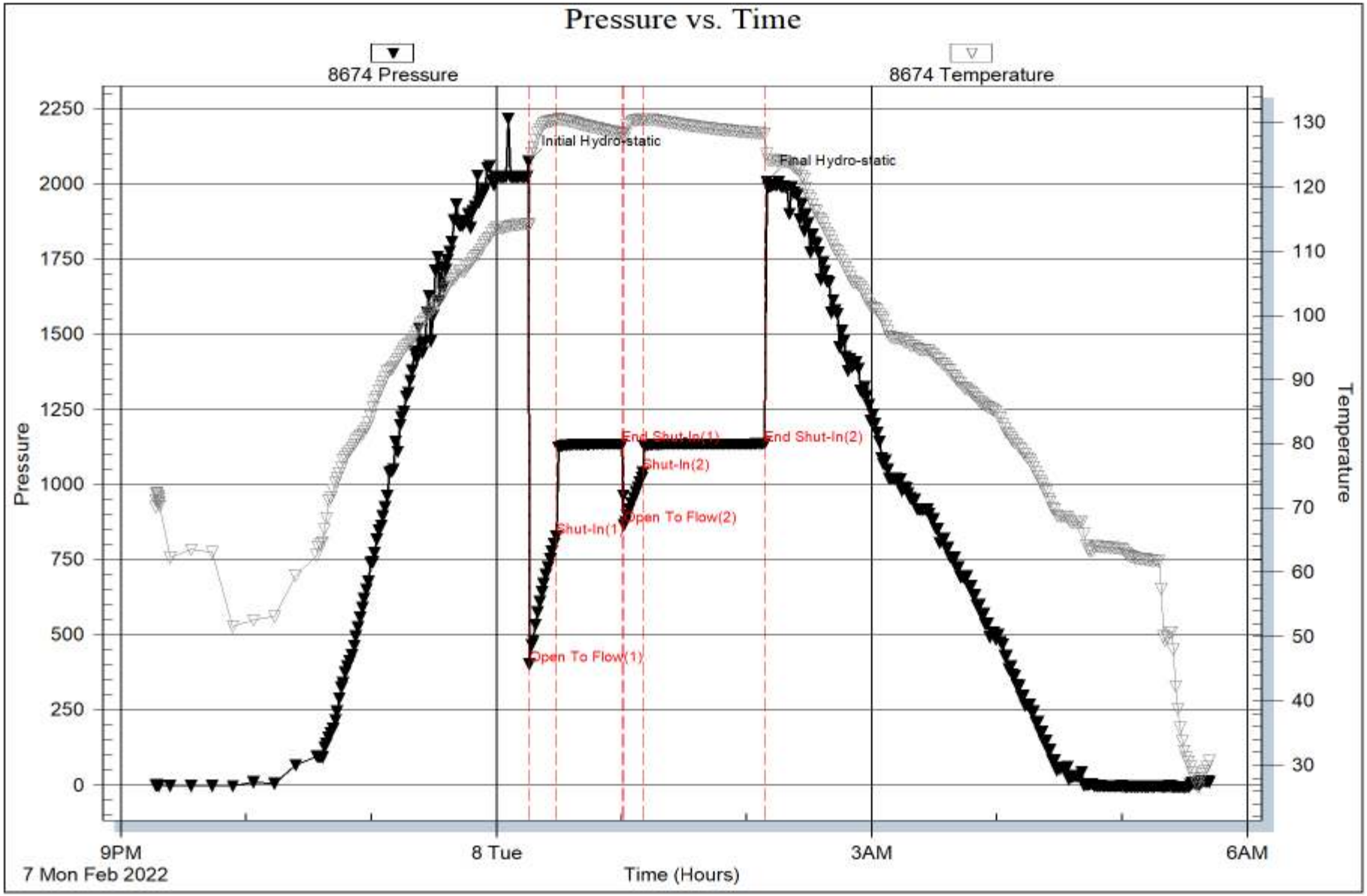
Total Length: 2142.00 ft Total Volume: 28.407 bbl

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

Laboratory Name: Laboratory Location:

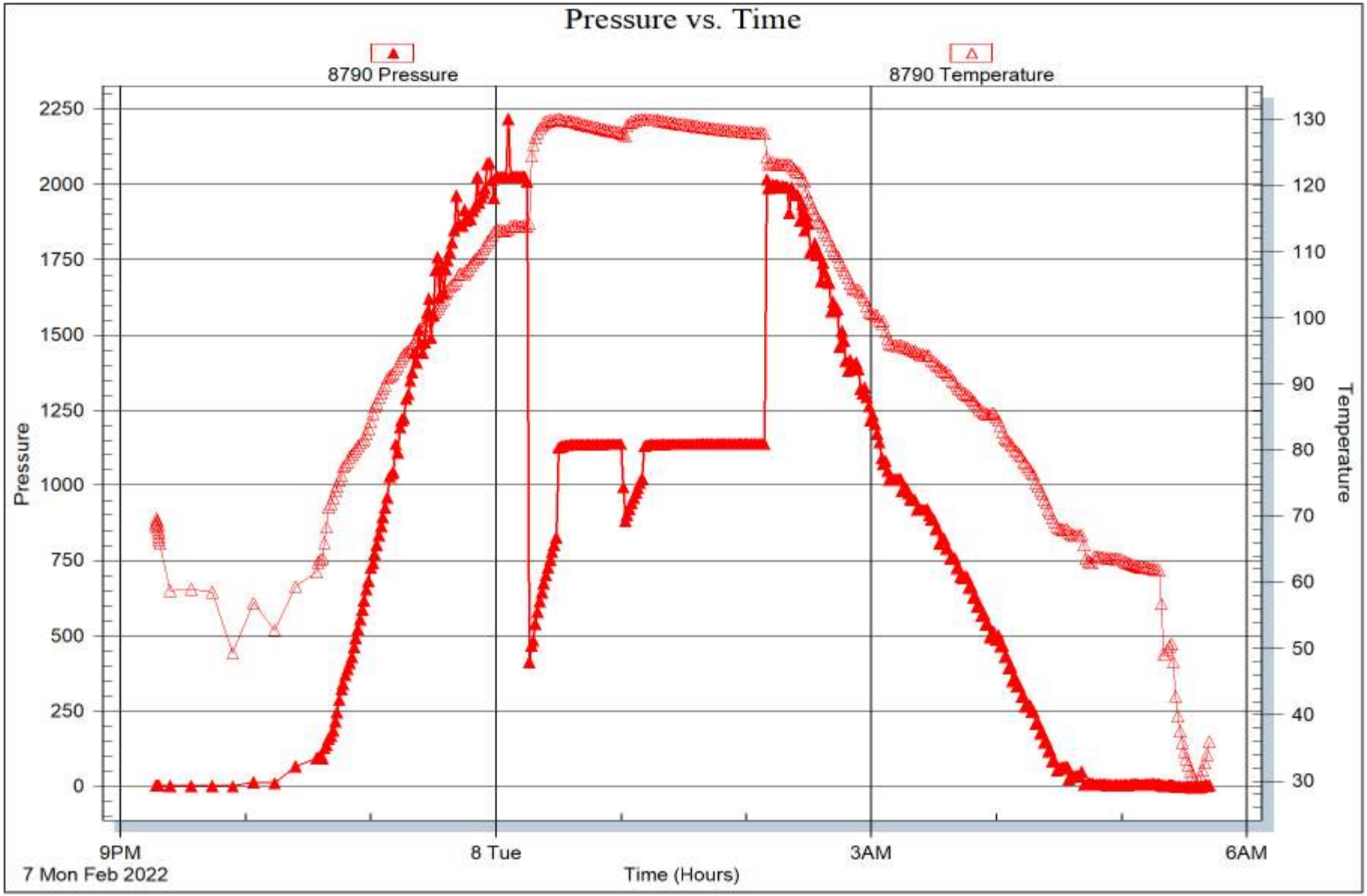
Recovery Comments: .66@29=25000

Serial #: 8674 **Outside** Stelbar Oil Corp BPC Trust #1-10 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 68393 Printed: 2022.02.11 @ 10:51:18

Serial #: 8790 **Inside** Stelbar Oil Corp BPC Trust #1-10 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 68393 Printed: 2022.02.11 @ 10:51:18

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp**

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206

ATTN: Dave Goldak

BPC Trust #1-10

10-14s-41w Wallace,KS

Start Date: 2022.02.09 @ 16:05:23
End Date: 2022.02.10 @ 01:59:23
Job Ticket #: 68394 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.02.11 @ 10:50:47

DRILL STEM TEST REPORT

Stelbar Oil Corp

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68394 **DST#: 2**

Test Start: 2022.02.09 @ 16:05:23

GENERAL INFORMATION:

Formation: **Atoka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:56:23
Time Test Ended: 01:59:23

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79

Interval: 4901.00 ft (KB) To 4935.00 ft (KB) (TVD)
Total Depth: 4935.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

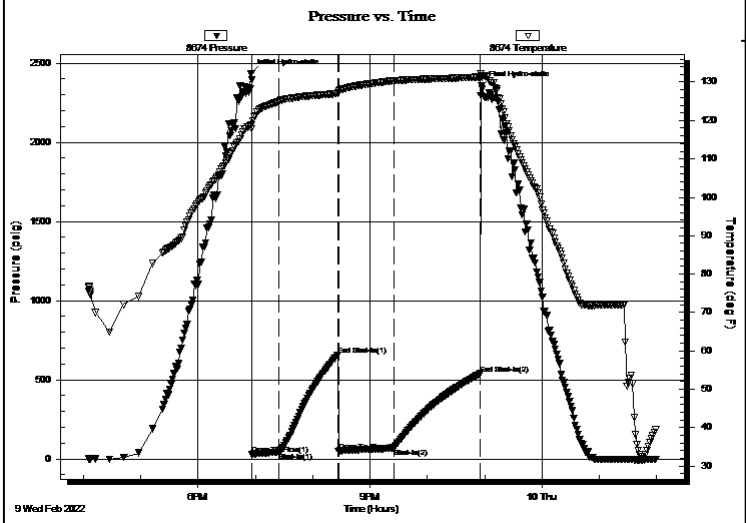
Reference Elevations: 3769.00 ft (KB)
3763.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8674 **Outside**

Press@RunDepth: 69.26 psig @ 4902.00 ft (KB)
Start Date: 2022.02.09 End Date: 2022.02.10
Start Time: 16:05:28 End Time: 01:59:23

Capacity: 8000.00 psig
Last Calib.: 2022.02.10
Time On Btm: 2022.02.09 @ 18:55:23
Time Off Btm: 2022.02.09 @ 22:56:53

TEST COMMENT: IF: 1/2" blow built to 7"
IS: No return.
FF: BOB in 39 mins 12"
FS: Surface blow built to 1/4". 30-60-60-90



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2435.02	118.88	Initial Hydro-static
1	26.28	117.96	Open To Flow (1)
30	44.10	125.03	Shut-In(1)
91	655.72	126.97	End Shut-In(1)
92	49.45	127.29	Open To Flow (2)
150	69.26	130.39	Shut-In(2)
240	538.63	131.34	End Shut-In(2)
242	2358.68	131.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	ocm 10%o 90%m	0.59
10.00	oil 100%o	0.05
0.00	GIP 315	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Stelbar Oil Corp

1625 N Waterfront Pkwy
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68394 **DST#: 2**

Test Start: 2022.02.09 @ 16:05:23

GENERAL INFORMATION:

Formation: **Atoka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:56:23
Time Test Ended: 01:59:23

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79

Interval: 4901.00 ft (KB) To 4935.00 ft (KB) (TVD)
Total Depth: 4935.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

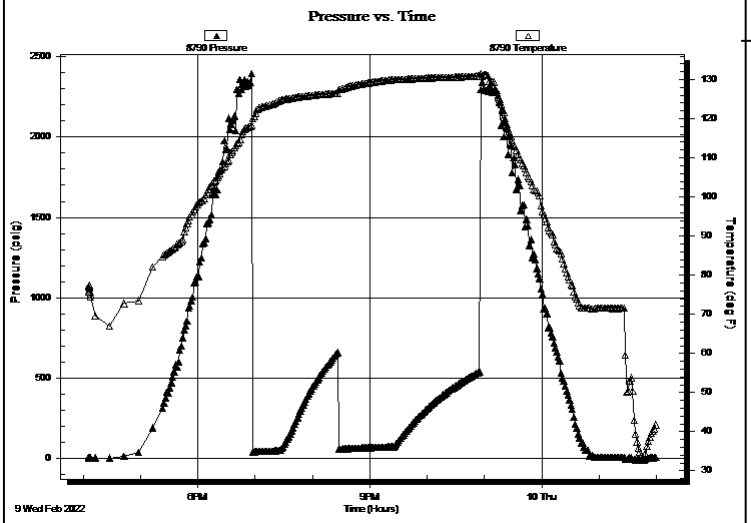
Reference Elevations: 3769.00 ft (KB)
3763.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: psig @ 4902.00 ft (KB)
Start Date: 2022.02.09 End Date: 2022.02.10
Start Time: 16:05:45 End Time: 01:59:40

Capacity: 8000.00 psig
Last Calib.: 2022.02.10
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/2" blow built to 7"
IS: No return.
FF: BOB in 39 mins 12"
FS: Surface blow built to 1/4". 30-60-60-90



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	ocm 10%o 90%m	0.59
10.00	oil 100%o	0.05
0.00	GIP 315	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corp

1625 N Waterfront Pkw y
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68394 **DST#: 2**

Test Start: 2022.02.09 @ 16:05:23

Tool Information

Drill Pipe:	Length:	4709.00 ft	Diameter:	3.80	inches	Volume:	66.05	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	180.00 ft	Diameter:	2.25	inches	Volume:	0.89	bbl	
						Total Volume:	66.94	bbl	

Drill Pipe Above KB:	19.00 ft
Depth to Top Packer:	4901.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	34.00 ft
Tool Length:	65.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		30000.00 lb
Weight to Pull Loose:		95000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	65000.00 lb
	Final	65000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00		Fluid	4871.00		
Shut In Tool	5.00			4876.00		
Sampler	2.00			4878.00		
Hydraulic tool	5.00			4883.00		
Jars	5.00			4888.00		
EM Tool	2.00			4890.00		
Safety Joint	2.00			4892.00		
Packer	5.00			4897.00	31.00	Bottom Of Top Packer
Packer	4.00			4901.00		
Stubb	1.00			4902.00		
Recorder	0.00	8790	Inside	4902.00		
Recorder	0.00	8674	Outside	4902.00		
Perforations	30.00			4932.00		
Bullnose	3.00			4935.00	34.00	Bottom Packers & Anchor
Total Tool Length:	**65.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

1625 N Waterfront Pkw y
Ste 200
Wichita, KS 67206
ATTN: Dave Goldak

10-14s-41w Wallace,KS

BPC Trust #1-10

Job Ticket: 68394 **DST#: 2**

Test Start: 2022.02.09 @ 16:05:23

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:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

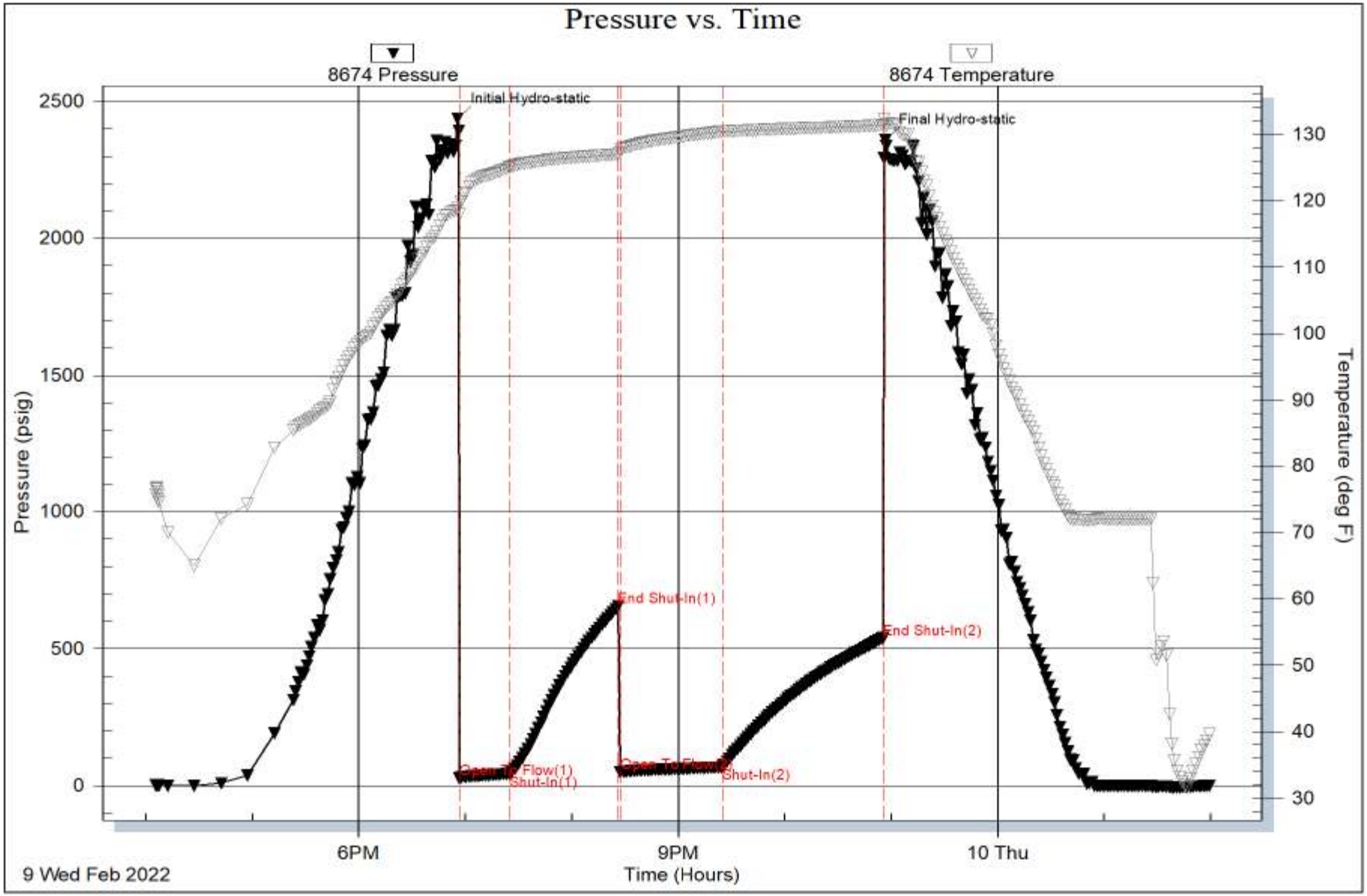
Recovery Table

Length ft	Description	Volume bbl
120.00	ocm 10%o 90%m	0.590
10.00	oil 100%o	0.049
0.00	GIP 315	0.000

Total Length: 130.00 ft Total Volume: 0.639 bbl

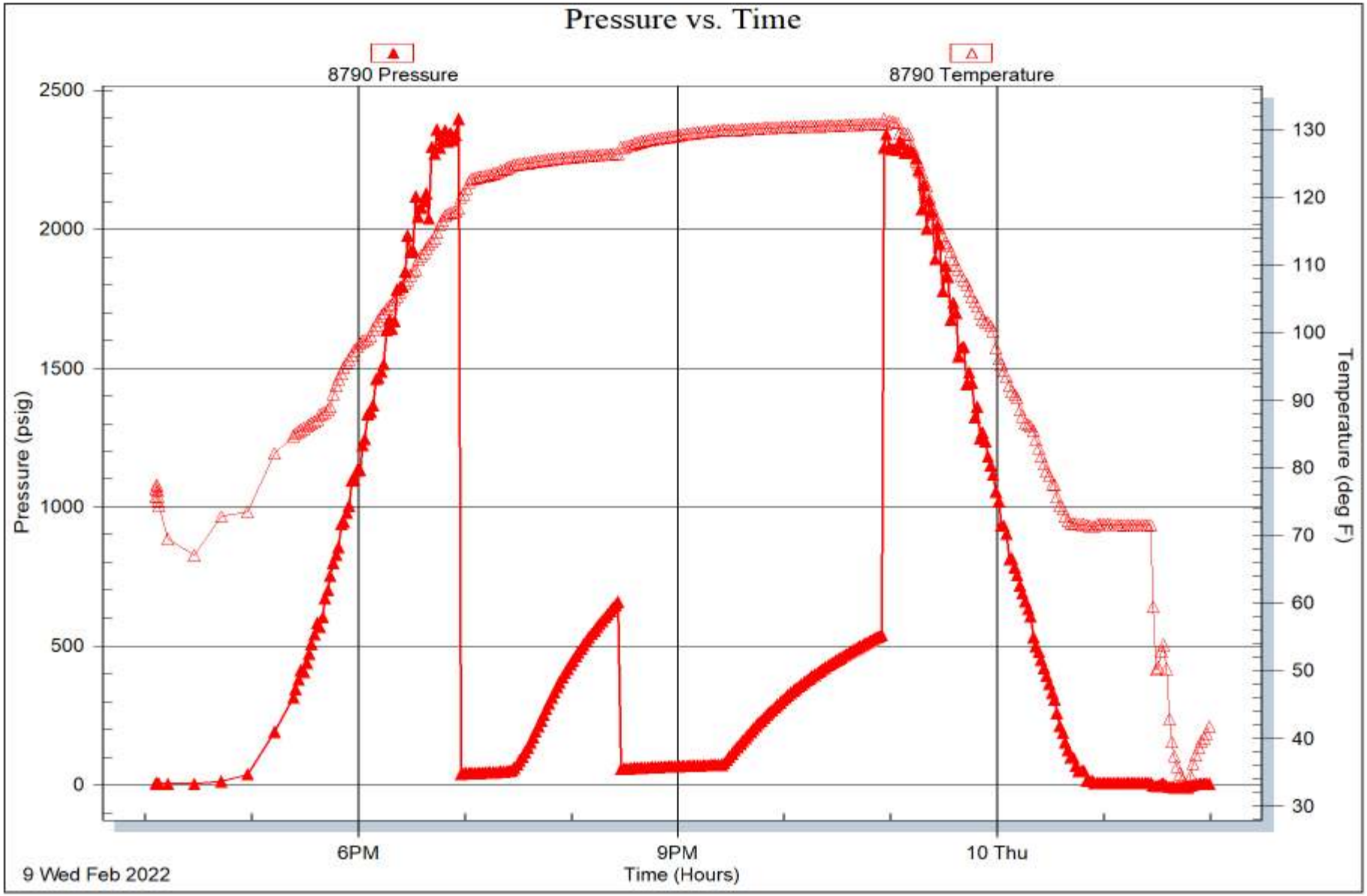
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8674 **Outside** Stelbar Oil Corp BPC Trust #1-10 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 68394 Printed: 2022.02.11 @ 10:50:48

Serial #: 8790 **Inside** Stelbar Oil Corp BPC Trust #1-10 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 68394 Printed: 2022.02.11 @ 10:50:48

TRILOBITE TESTING INC.
1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68393

Well Name & No. BPC Trust 1-10 Test No. 1 Date 2-7-22
Company Stelbar Oil Corp Elevation 3769 KB 3763 GL
Address 1625 N Waterfront Pkwy Ste 200 Wichita, KS 67206
Co. Rep / Geo. Dave Goldak Rig Murfin 112
Location: Sec. 10 Twp 14S Rge. 41W Co. Wallace State KS

Interval Tested 4200 4225 Zone Tested LKC A
Anchor Length 25 Drill Pipe Run 4017 Mud Wt. 8.8
Top Packer Depth 4195 Drill Collars Run 180 Vis 63
Bottom Packer Depth 4200 Wt. Pipe Run — WL 6.4
Total Depth 4225 Chlorides 3000 ppm System LCM 7

Blow Description IF: BoB 173"
IS: No return.
FF: BoB in 1½, 99"
FS: No return.

Rec 315	Feet of wcm	%gas	%oil 20	%water 80	%mud
Rec 504	Feet of mcw	%gas	%oil 90	%water 10	%mud
Rec 1323	Feet of water	%gas	%oil 100	%water	%mud
Rec	Feet of H2S 13 ppm	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2142 BHT 128 Gravity — API RW .66 @ 29 °F Chlorides 25,000 ppm

(A) Initial Hydrostatic 2072	☑ Test 1450	T-On Location 18:45
(B) First Initial Flow 401	☑ Jars 250	T-Started 21:16
(C) First Final Flow 825	☑ Safety Joint 75	T-Open 00:14
(D) Initial Shut-In 1134	☑ Circ Sub N/C	T-Pulled 2:09
(E) Second Initial Flow 863	☐ Hourly Standby	T-Out 5:45
(F) Second Final Flow 1038	☑ Mileage 170 — 212.50	Comments
(G) Final Shut-In 1134	☑ Sampler 250	
(H) Final Hydrostatic 2007	☐ Straddle	☑ EM Tool 350 NS
	☐ Shale Packer	☐ Ruined Shale Packer
Initial Open 15	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In 30	☐ Extra Recorder	☐ Extra Copies
Final Flow 10	☐ Day Standby	Sub Total 0
Final Shut-In 60	☐ Accessibility	Total 2237.50
	Sub Total 2237.50	MP/DST Disc't

Approved By Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 68393 Date 2-7-22

Company Name Stelbar Oil Corp

Lease BPC Trust 1-10 Test No. 1

County Wallace Sec. 10 Twp. 14S Rng. 41W

SAMPLER RECOVERY

Gas _____ ML

Oil _____ ML

Mud _____ ML

Water 2000 ML

Other _____ ML

Pressure 50 psi ML

Total _____ ML

PIT MUD ANALYSIS

Chlorides 3000 ppm.

Resistivity _____ ohms @ _____ F

Viscosity 63

Mud Weight 8.8

Filtrate 6.4

Other LCM 7

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

Gravity _____ corrected @60F

PIPE RECOVERY

TOP

Resistivity .66 ohms @ 29 F

Chlorides 25000 ppm.

MIDDLE

Resistivity .66 ohms @ 29 F

Chlorides 25000 ppm.

BOTTOM

Resistivity .66 ohms @ 29 F

Chlorides 25000 ppm.

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 68394

Well Name & No. BPC Trust 1-10 Test No. 2 Date 2-9-22

Company Stelbar Oil Corp Elevation 3769 KB 3763 GL

Address

Co. Rep / Geo. Dave Goldak Rig Murfin 112

Location: Sec. 10 Twp 14S Rge. 41W Co. Wallace State KS

Interval Tested 4901 4935 Zone Tested Atoka

Anchor Length 34 Drill Pipe Run 4709 Mud Wt. 9.0

Top Packer Depth 4896 Drill Collars Run 180 Vis 49

Bottom Packer Depth 4901 Wt. Pipe Run — WL 7.2

Total Depth 4935 Chlorides 3000 ppm System LCM 9

Blow Description IF: ½ blow built to 7".

IS: No return.

FF: BoB in 39 mins. 12"

FS: Surface blow built to ¼.

Rec 10	Feet of oil	%gas 100	%oil	%water	%mud	
Rec 120	Feet of ocm	%gas 10	%oil	%water 90	%mud	
Rec	Feet of 315 GIP	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 130 BHT 131 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	2435	☑ Test	1450	T-On Location	15:00
(B) First Initial Flow	26	☑ Jars	250	T-Started	16:05
(C) First Final Flow	44	☑ Safety Joint	75	T-Open	18:56
(D) Initial Shut-In	655	☑ Circ Sub	N/C	T-Pulled	22:56
(E) Second Initial Flow	49	☑ Hourly Standby		T-Out	2:00
(F) Second Final Flow	69	☑ Mileage	170 -x2 425	Comments	logged
(G) Final Shut-In	538	☑ Sampler	250		2-11-22 8:00 am
(H) Final Hydrostatic	2356	☐ Straddle		☑ EM Tool	350
		☐ Shale Packer		☐ Ruined Shale Packer	
Initial Open	30	☐ Extra Packer		☑ Ruined Packer	335
Initial Shut-In	60	☐ Extra Recorder		☐ Extra Copies	
Final Flow	60	☑ Day Standby	1d 6h	Sub Total	800 + 350 + 335
Final Shut-In	90	☐ Accessibility		Total	3935
		Sub Total	2450	MP/DST Disc't	

Approved By Our Representative

TRILOBITE TESTING, INC.

1515 Commerce Parkway • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 68394 Date 2-9-22

Company Name Stelbar

Lease BPC Trust 1-10 Test No. DST #2

County Wallace Sec. 10 Twp. 14S Rng. 41W

SAMPLER RECOVERY

Gas 1200 ML

Oil 800 ML

Mud ML

Water ML

Other ML

Pressure 145 PSI ML

Total 2000 ML

PIT MUD ANALYSIS

Chlorides 3000 ppm.

Resistivity ohms @ F

Viscosity 49

Mud Weight 9.0

Filtrate 17.2

Other LCM 9

SAMPLER ANALYSIS

Resistivity ohms @ F

Chlorides ppm.

Gravity corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms @ F

Chlorides ppm.

MIDDLE

Resistivity ohms @ F

Chlorides ppm.

BOTTOM

Resistivity ohms @ F

Chlorides ppm.

Hurricane Services, Inc.
250 N. Water St., Suite #200
Wichita, KS 67202

Customer	Stelbar	Lease & Well #	Cline Trust # 1-26			Date	2/2/2022
Service District	Oakley KS	County & State	Wallace KS	Legals S/T/R	16-14S-41W	Job #	
Job Type	Surface	☑ PROD ☐ INJ ☐ SWD		New Well?	☑ YES ☐ No	Ticket #	WP-2374

Equipment #	Driver
78	Jesse J
230	Jose V
194/235	Jose T

Job Safety Analysis - A Discussion of Hazards & Safety Procedures

- ☑ Hard hat
- ☑ H2S Monitor
- ☑ Safety Footwear
- ☑ FRC/Protective Clothing
- ☑ Hearing Protection
- ☑ Gloves
- ☑ Eye Protection
- ☐ Respiratory Protection
- ☐ Additional Chemical/Acid PPE
- ☐ Fire Extinguisher
- ☐ Lockout/Tagout
- ☐ Required Permits
- ☑ Slip/Trip/Fall Hazards
- ☑ Overhead Hazards
- ☐ Additional concerns or issues noted below
- ☐ Warning Signs & Flagging
- ☐ Fall Protection
- ☑ Specific Job Sequence/Expectations
- ☑ Muster Point/Medical Locations

Comments

Product/ Service Code	Description	Unit of Measure	Quantity			Net Amount
CP015	H-325	sack	400.00			$7,360.00
M015	Light Equipment Mileage	mi	65.00			$119.60
M010	Heavy Equipment Mileage	mi	65.00			$239.20
M020	Ton Mileage	tm	1,222.00			$1,686.36
FE250	8 5/8" Centralizer	ea	5.00			$414.00
FE275	8 5/8" AFU Flapper Insert Valve	ea	1.00			$345.00
FE285	8 5/8" Rubber Plug	ea	1.00			$161.00
C030	Cement Service - After 4 Hrs on Location	hr	2.00			$552.00
C060	Cement Blending & Mixing Service	sack	400.00			$515.20
C050	Cement Plug Container	job	1.00			$230.00

			Net:	$11,622.36
Total Taxable	$ -	Tax Rate:		
			Sale Tax:	$ -
			Total:	$ 11,622.36

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

Based on this job, how likely is it you would recommend HSI to a colleague?

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely

State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.

HSI Representative: *Jesse Jones*

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results fom the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well informaiton in determining taxable services.

X_____ **CUSTOMER AUTHORIZATION SIGNATURE**

ftv: 13-2021/01/19
mplv: 87-2021/01/11

CEMENT TREATMENT REPORT

Customer:	Stelbar	Well:	Cline Trust # 1-26	Ticket:	WP-2374
City, State:	Oakley KS	County:	Wallace KS	Date:	2/2/2022
Field Rep:	Paco	S-T-R:	16-14S-41W	Service:	Surface

Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	556 ft
Casing Size:	8 5/8 in
Casing Depth:	556 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	34.1 bbls

Calculated Slurry - Lead	
Blend:	H-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.41 ft^3 / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	556 ft
Annular Volume:	40.9 bbls
Excess:	
Total Slurry:	100.4 bbls
Total Sacks:	400 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
11:55p			-	-	Arrival
12:00a				-	Safety meeting
12:05a				-	Rig up
6:15a				-	Drop ball
6:25a				-	Circulated hole
6:30a	5.3	350.0	5.0	5.0	H2O ahead
6:32a	6.6	800.0	100.4	105.4	Mixed 400 sks @ 14.8 ppg @ 556'
6:51a				105.4	Dropped plug
6:58a	5.0	240.0	34.1	139.5	Displaced H2O
7:15a				139.5	Landed plug @ 600 psi half barrel back
7:19a				139.5	Wash up
7:32a					Rig down
8:00a					Depart location
					Circulated 5 bbl to pit
-					

	CREW	UNIT
Cementer:	Jesse J	78
Pump Operator:	Jose V	230
Bulk #1:	Jose T	194/235
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
5.6 bpm	463 psi	140 bbls

ftv: 13-2021/01/19
mplv: 87-2021/01/11

GEOLOGIC REPORT

DAVID J. GOLDAK

WICHITA, KANSAS

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

Well Name:	**BPC Trust #1-10**		
API:	**15-199-20456-0000**		
Location:	**Section 10 - T14S - R41W**		
License Number:		**Region:**	**Wallace Co., KS**
Spud Date:	**02 / 01 / 2022**	**Drilling Completed:**	
Surface Coordinates:	**548' FSL and 343' FWL** **NE - SW - SW - SW**		
Bottom Hole Coordinates:			
Ground Elevation (ft):	**3761'**	**K.B. Elevation (ft):**	**3769'**
Logged Interval (ft):	**3700' To: 5249'**	**Total Depth (ft):**	**5249'**
Formation:	**Mississippian**		
Type of Drilling Fluid:	**Chemical - Mud-Co**		

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

OPERATOR

Company: Stelbar Oil Corporation
Address: 1625 N. Waterfront Pkwy., Suite 200
Wichita, Kansas 67206-6602

GEOLOGIST

Name: David J. Goldak
Company: D. J. GOLDAK, INC.
Address: 12427 W Ridgepoint Cir
Wichita, Kansas 67235

General Info

CONTRACTOR: Murfin Drilling, Rig #112

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	Smith-?-RR	3-15s	556'	556'	6.25
2	7-7/8	Smith-MI616	3-15s	5249'	4693'	118.25

SURVEYS: 556'-0.75, 2190'-0.75, 4225'-1.00, 5249'-

GENERAL DRILLING & PUMP INFORMATION:
Collars: 18 joints (6.25"x2.25"): 531.60'
Drilling: 14,000-18,000 lbs on bit and 95-110 RPM.
Pumping: 52-58 S/M; 7.2-8.0 B/M; 500-900 psi at standpipe

Daily Status

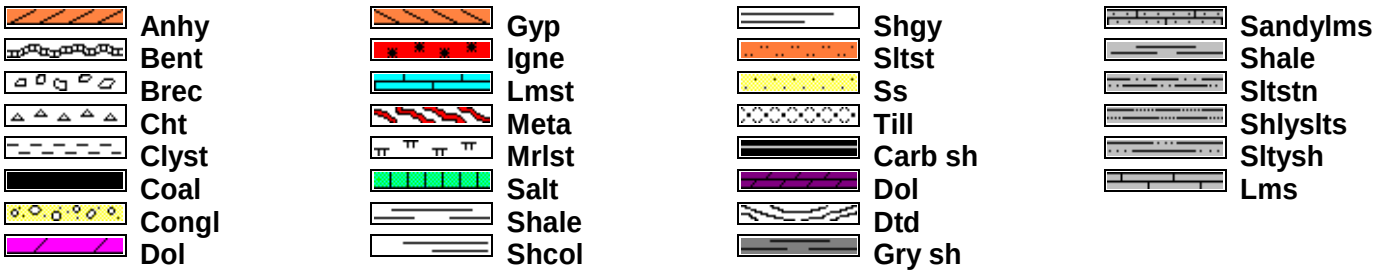
02/01/22 - Spud at 6:00 PM; Set 8-5/8" Csg @ 552'
02/02/22 - 556' Cementing; PD @ 7:15 AM; DP @ 5:15 AM
02/03/22 - 1,327' Drilling; Lost returns @ 1,391' & 1,587'; Total loss approx 300 bbls
02/04/22 - 2,093' Lost returns building volume; Total loss approx 100 bbls; Lost returns @ 2,190'; TOOH build volume; Total loss approx 300 bbls
02/05/22 - 2,570' Drilling with partial returns
02/06/22 - 3,309' Drilling; Displace @ 3,380'
02/07/22 - 3,994' Drilling
02/08/22 - 4,225' TIH following DST #1
02/09/22 - 4,904' Drilling; DST #2 @ 4,935'
02/10/22 - 4,967' Drilling; TD @ 5,249'; Log well

DSTs

DST #1: 4,200' - 4,225' (LKC "A")
 15" - 30" - 10" - 60"
IF: Blow building to BOB in 0.5 minutes
ISI: No return blow
FF: Blow building to BOB in 1.5 minutes
FSI: No return blow
RECOVERY: 2,142' Total Fluid, consisting of:
 1323' Water (100% W); Chlorides: 25,000 ppm
  504' MCW (90% W & 10% M)
  315' WCM (20% W & 80% M)
Sampler: 2000 ml Water @ 50 psi
SIP: 1134-1135; FP: 401-826, 864-1039; HP: 2073-2007; BHT: 128

DST #2: 4,901' - 4,935' (Atoka)
 30" - 60" - 60" - 90"
IF: Blow building to 7 inches
ISI: No return blow
FF: Blow building to BOB in 39 minutes
FSI: Return blow building to 0.25 inches
RECOVERY: 315' GIP & 130' Total Fluid, consisting of:
  10' Oil (100% O); Very low gravity
 120' OCM (10% O & 90% M)
Sampler: 1200 ml Gas & 800 ml Oil @ 145 psi
SIP: 656-539; FP: 26-44, 49-69; HP: 2435-2359; BHT: 131

ROCK TYPES



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
- Chlorite
- Dol
- Sand
- Slty

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

STRINGER
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

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

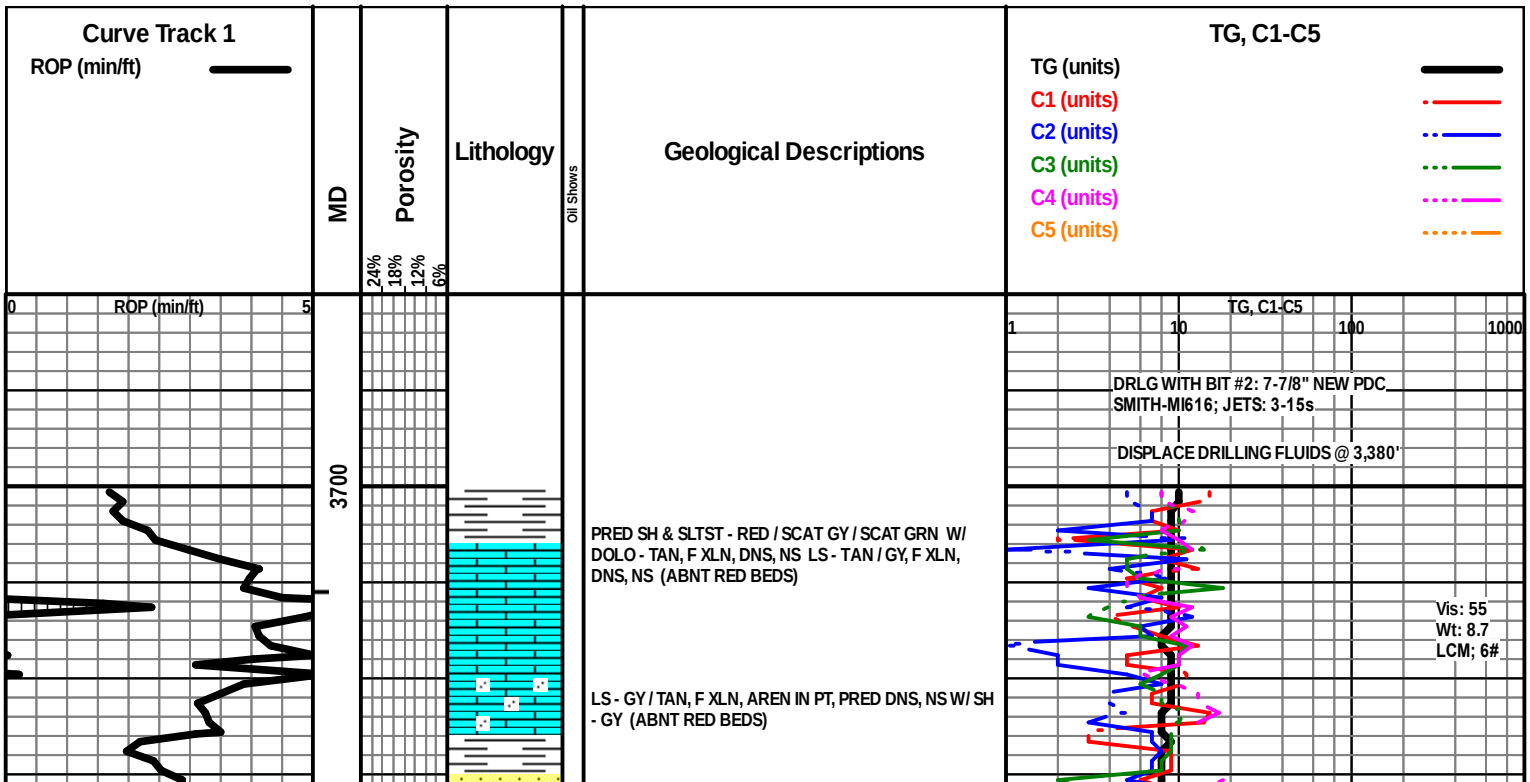
ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

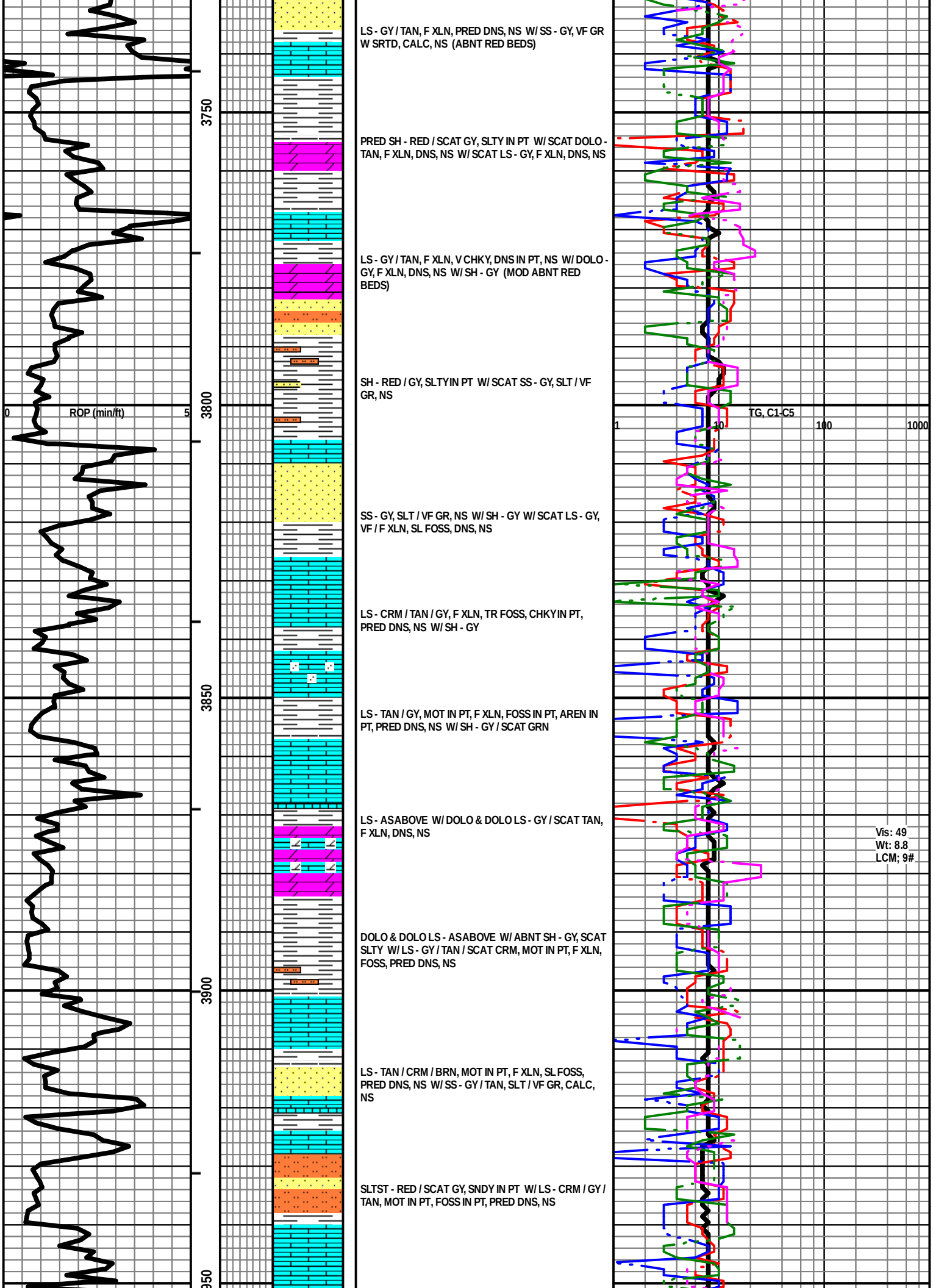
OIL SHOWS
- Even
- Spotted
- Ques
- Dead
- Gas show

INTERVALS
- Core
- Dst

- Dst_1_t
- Dst_1_b
- Dst

EVENTS
- Rft
- Sidewall
- Conn

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PRED SH - RED / SCAT GY, SLTY IN PT W/ SCAT DOLO - TAN, F XLN, DNS, NS W/ SCAT LS - GY, F XLN, DNS, NS
LS - GY / TAN, F XLN, V CHKY, DNS IN PT, NS W/ DOLO - GY, F XLN, DNS, NS W/ SH - GY (MOD ABNT RED BEDS)
SH - RED / GY, SLTYIN PT W/ SCAT SS - GY, SLT / VF GR, NS
SS - GY, SLT / VF GR, NS W/ SH - GY W/ SCAT LS - GY, VF / F XLN, SL FOSS, DNS, NS
LS - CRM / TAN / GY, F XLN, TR FOSS, CHKY IN PT, PRED DNS, NS W/ SH - GY
LS - TAN / GY, MOT IN PT, F XLN, FOSS IN PT, AREN IN PT, PRED DNS, NS W/ SH - GY / SCAT GRN
LS - ASABOVE W/ DOLO & DOLO LS - GY / SCAT TAN, F XLN, DNS, NS
DOLO & DOLO LS - ASABOVE W/ ABNT SH - GY, SCAT SLTY W/ LS - GY / TAN / SCAT CRM, MOT IN PT, F XLN, FOSS, PRED DNS, NS
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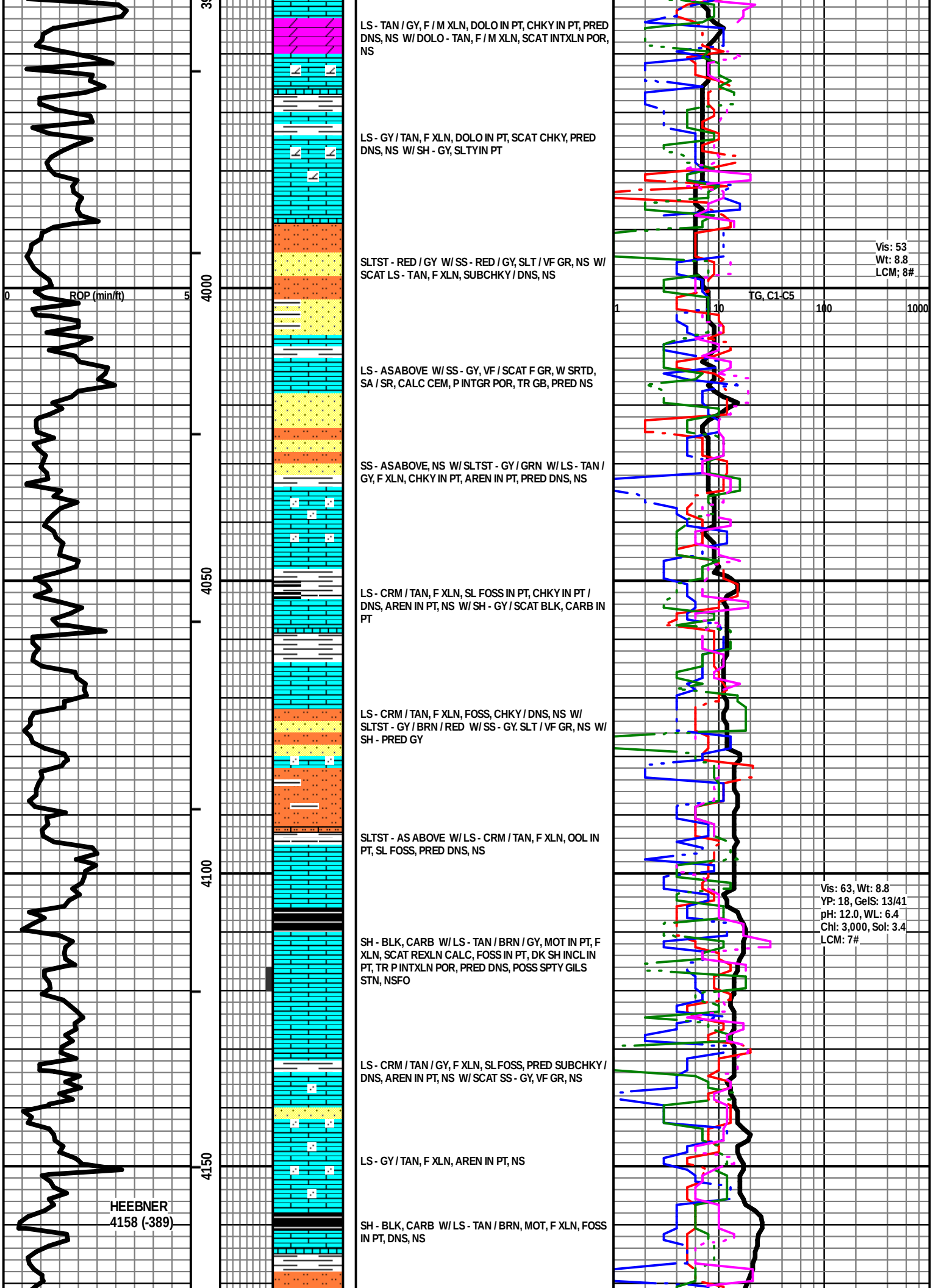
SLTST - RED / SCAT GY, SNDY IN PT W/ LS - CRM / GY / TAN, MOT IN PT, FOSS IN PT, PRED DNS, NS
0
ROP (min/ft)
5
3750
3800
3850
3900
1
10
100
1000
TG, C1-C5
Vis: 49
Wt: 8.8
LCM; 9#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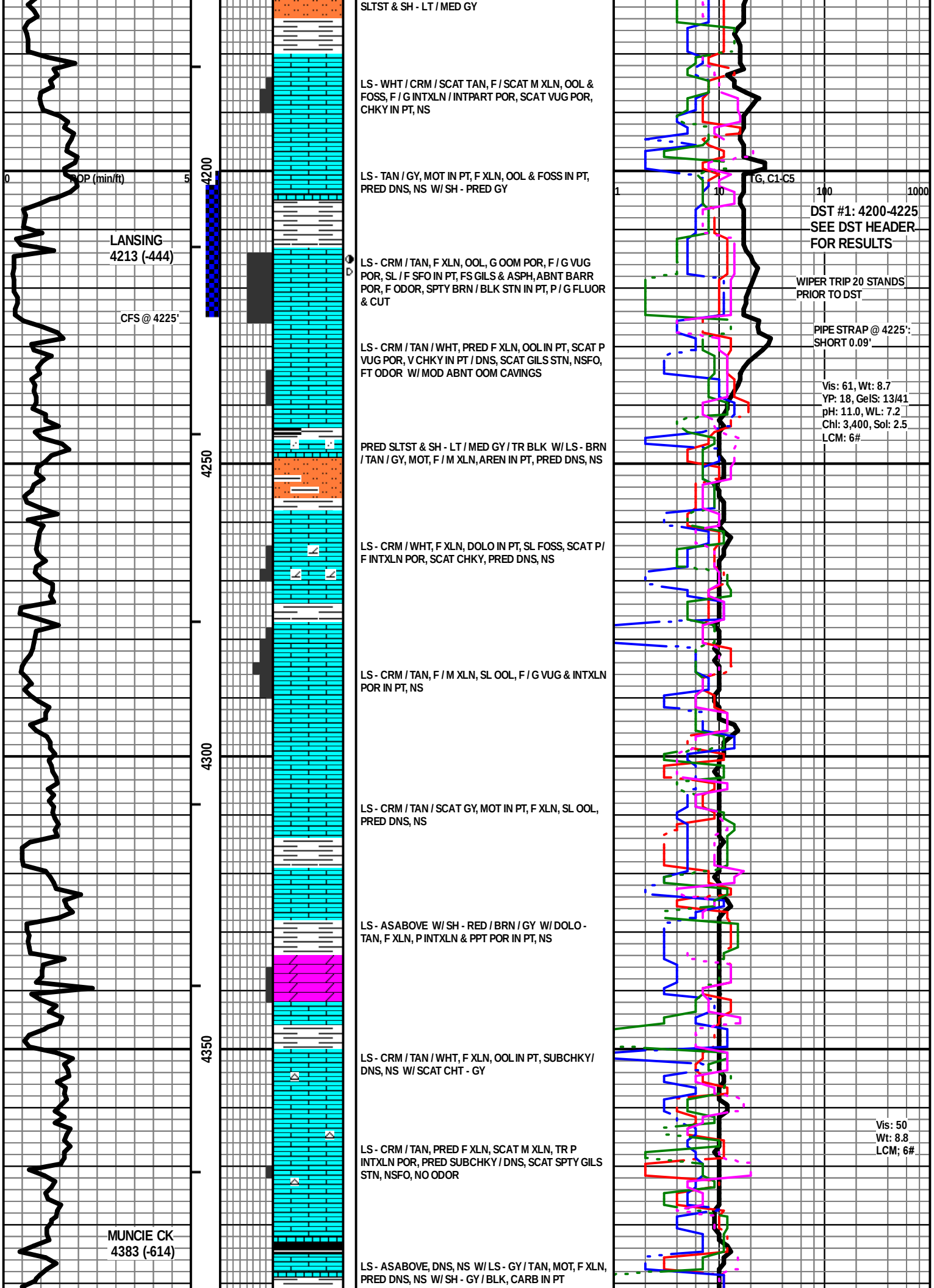
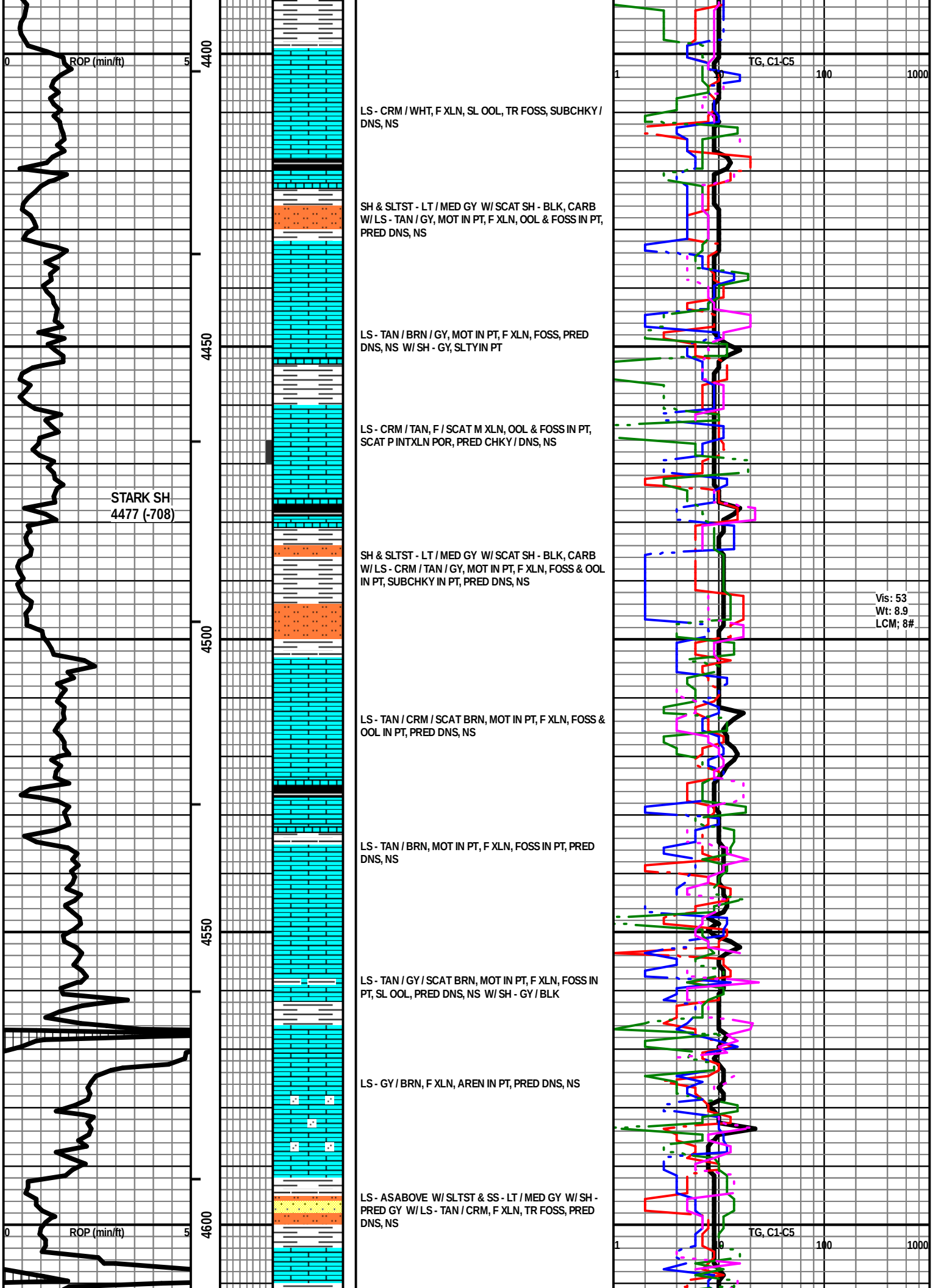
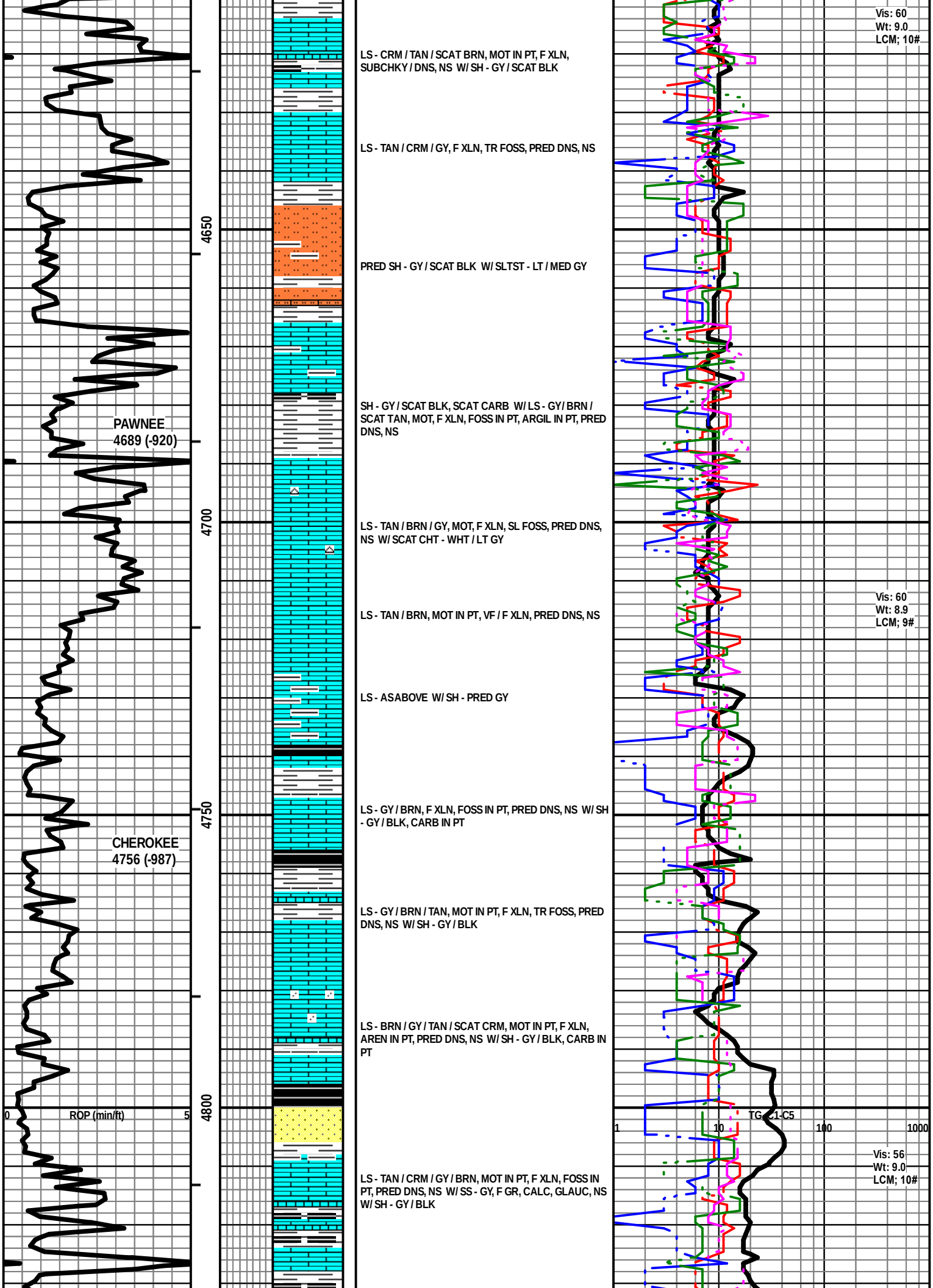
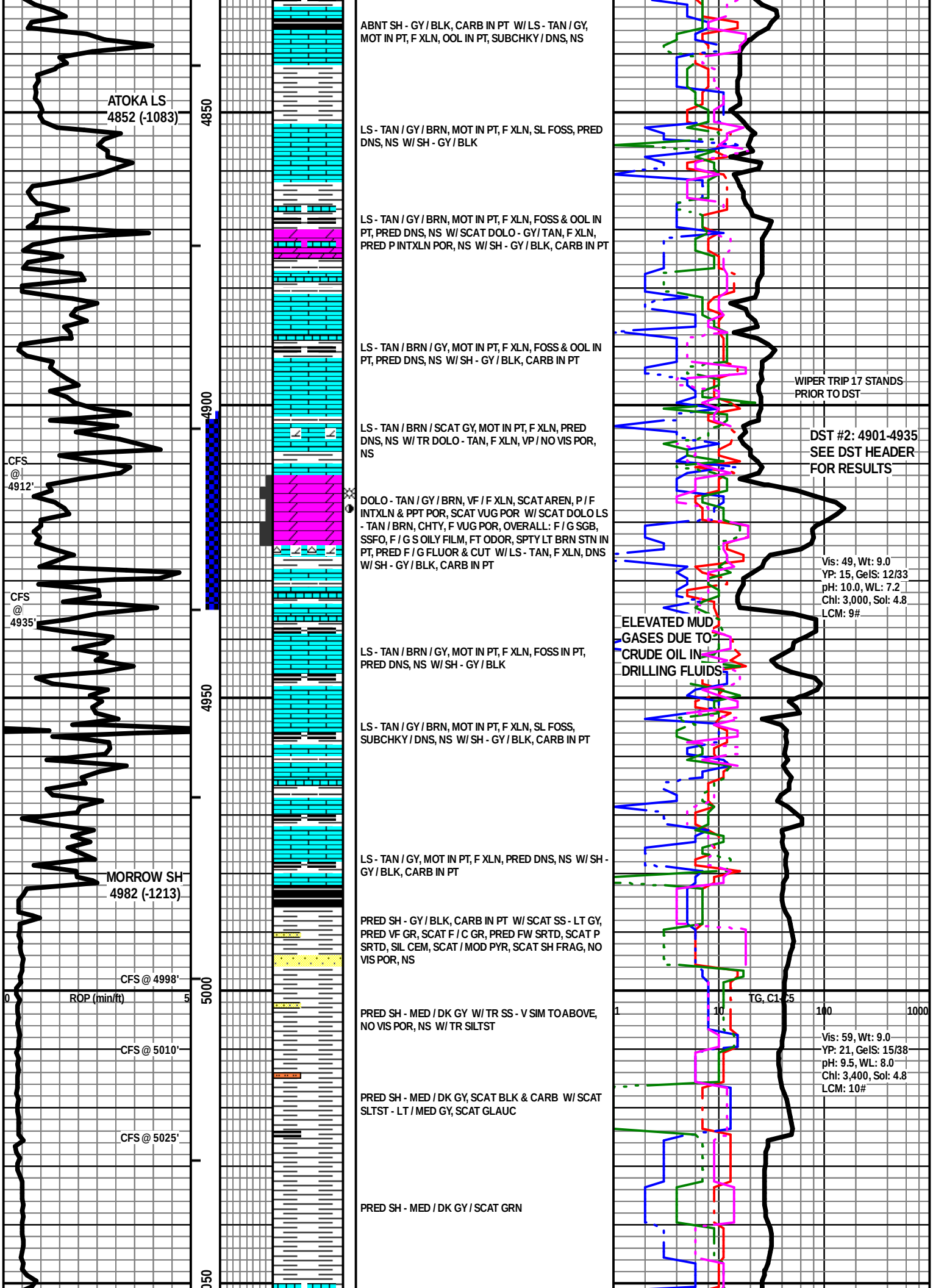
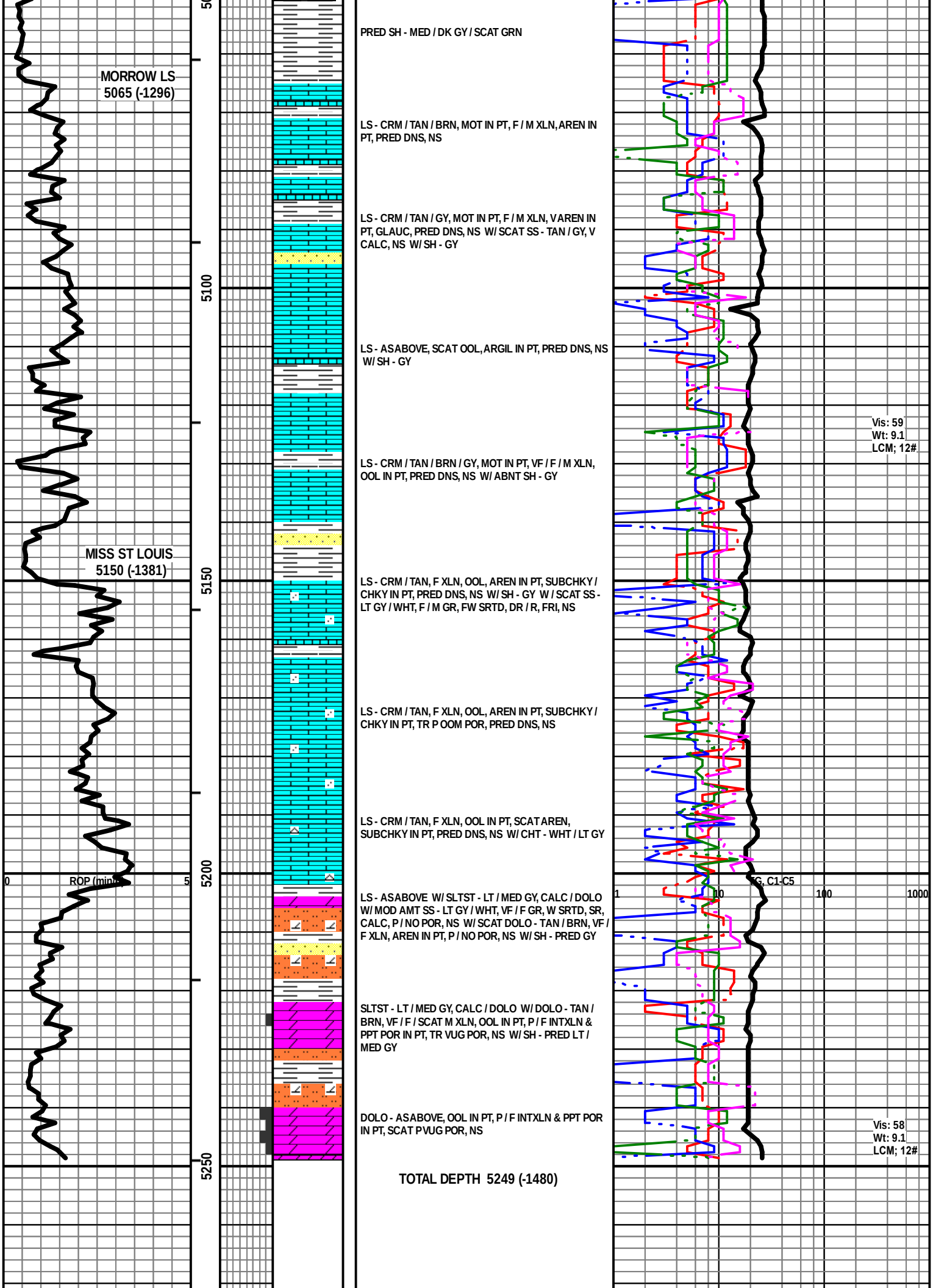
SLTST - RED / GY W/ SS - RED / GY, SLT / VF GR, NS W/ SCAT LS - TAN, F XLN, SUBCHKY / DNS, NS
LS - ASABOVE W/ SS - GY, VF / SCAT F GR, W SRTD, SA / SR, CALC CEM, P INTGR POR, TR GB, PRED NS
SS - ASABOVE, NS W/ SLTST - GY / GRN W/ LS - TAN / GY, F XLN, CHKY IN PT, AREN IN PT, PRED DNS, NS
LS - CRM / TAN, F XLN, SL FOSS IN PT, CHKY IN PT / DNS, AREN IN PT, NS W/ SH - GY / SCAT BLK, CARB IN PT
LS - CRM / TAN, F XLN, FOSS, CHKY / DNS, NS W/ SLTST - GY / BRN / RED W/ SS - GY. SLT / VF GR, NS W/ SH - PRED GY
SLTST - AS ABOVE W/ LS - CRM / TAN, F XLN, OOL IN PT, SL FOSS, PRED DNS, NS
SH - BLK, CARB W/ LS - TAN / BRN / GY, MOT IN PT, F XLN, SCAT REXLN CALC, FOSS IN PT, DK SH INCL IN PT, TR P INTXLN POR, PRED DNS, POSS SPTY GILS STN, NSFO
LS - CRM / TAN / GY, F XLN, SL FOSS, PRED SUBCHKY / DNS, AREN IN PT, NS W/ SCAT SS - GY, VF GR, NS
LS - GY / TAN, F XLN, AREN IN PT, NS
SH - BLK, CARB W/ LS - TAN / BRN, MOT, F XLN, FOSS IN PT, DNS, NS
Vis: 53
Wt: 8.8
LCM; 8#
Vis: 63, Wt: 8.8
YP: 18, GelS: 13/41
pH: 12.0, WL: 6.4
Chl: 3,000, Sol: 3.4
LCM: 7#
0
ROP (min/ft)
5
1
10
100
1000
TG, C1-C5
3950
4000
4050
4100
4150
HEEBNER
4158 (-389)


SLTST & SH - LT / MED GY
LS - WHT / CRM / SCAT TAN, F / SCAT M XLN, OOL & FOSS, F / G INTXLN / INTPART POR, SCAT VUG POR, CHKY IN PT, NS
LS - TAN / GY, MOT IN PT, F XLN, OOL & FOSS IN PT, PRED DNS, NS W/ SH - PRED GY
LS - CRM / TAN, F XLN, OOL, G OOM POR, F / G VUG POR, SL / F SFO IN PT, FS GILS & ASPH, ABNT BARR POR, F ODOR, SPTY BRN / BLK STN IN PT, P / G FLUOR & CUT
LS - CRM / TAN / WHT, PRED F XLN, OOL IN PT, SCAT P VUG POR, V CHKY IN PT / DNS, SCAT GILS STN, NSFO, FT ODOR W/ MOD ABNT OOM CAVINGS
PRED SLTST & SH - LT / MED GY / TR BLK W/ LS - BRN / TAN / GY, MOT, F / M XLN, AREN IN PT, PRED DNS, NS
LS - CRM / WHT, F XLN, DOLO IN PT, SL FOSS, SCAT P/ F INTXLN POR, SCAT CHKY, PRED DNS, NS
LS - CRM / TAN, F / M XLN, SL OOL, F / G VUG & INTXLN POR IN PT, NS
LS - CRM / TAN / SCAT GY, MOT IN PT, F XLN, SL OOL, PRED DNS, NS
LS - ASABOVE W/ SH - RED / BRN / GY W/ DOLO - TAN, F XLN, P INTXLN & PPT POR IN PT, NS
LS - CRM / TAN / WHT, F XLN, OOL IN PT, SUBCHKY/ DNS, NS W/ SCAT CHT - GY
LS - CRM / TAN, PRED F XLN, SCAT M XLN, TR P INTXLN POR, PRED SUBCHKY / DNS, SCAT SPTY GILS STN, NSFO, NO ODOR
LS - ASABOVE, DNS, NS W/ LS - GY / TAN, MOT, F XLN, PRED DNS, NS W/ SH - GY / BLK, CARB IN PT
0
ROP (min/ft)
5
4200
4250
4300
4350
LANSING
4213 (-444)
CFS @ 4225'
MUNCIE CK
4383 (-614)
TG, C1-C5
1
10
100
1000
DST #1: 4200-4225
SEE DST HEADER
FOR RESULTS
WIPER TRIP 20 STANDS
PRIOR TO DST
PIPE STRAP @ 4225':
SHORT 0.09'
Vis: 61, Wt: 8.7
YP: 18, GelS: 13/41
pH: 11.0, WL: 7.2
Chl: 3,400, Sol: 2.5
LCM: 6#
Vis: 50
Wt: 8.8
LCM; 6#


0
ROP (min/ft)
5
4400
4450
4500
4550
4600
STARK SH
4477 (-708)
LS - CRM / WHT, F XLN, SL OOL, TR FOSS, SUBCHKY / DNS, NS
SH & SLTST - LT / MED GY W/ SCAT SH - BLK, CARB W/ LS - TAN / GY, MOT IN PT, F XLN, OOL & FOSS IN PT, PRED DNS, NS
LS - TAN / BRN / GY, MOT IN PT, F XLN, FOSS, PRED DNS, NS W/ SH - GY, SLTYIN PT
LS - CRM / TAN, F / SCAT M XLN, OOL & FOSS IN PT, SCAT P INTXLN POR, PRED CHKY / DNS, NS
SH & SLTST - LT / MED GY W/ SCAT SH - BLK, CARB W/ LS - CRM / TAN / GY, MOT IN PT, F XLN, FOSS & OOL IN PT, SUBCHKY IN PT, PRED DNS, NS
LS - TAN / CRM / SCAT BRN, MOT IN PT, F XLN, FOSS & OOL IN PT, PRED DNS, NS
LS - TAN / BRN, MOT IN PT, F XLN, FOSS IN PT, PRED DNS, NS
LS - TAN / GY / SCAT BRN, MOT IN PT, F XLN, FOSS IN PT, SL OOL, PRED DNS, NS W/ SH - GY / BLK
LS - GY / BRN, F XLN, AREN IN PT, PRED DNS, NS
LS - ASABOVE W/ SLTST & SS - LT / MED GY W/ SH - PRED GY W/ LS - TAN / CRM, F XLN, TR FOSS, PRED DNS, NS
TG, C1-C5
1
10
100
1000
Vis: 53
Wt: 8.9
LCM; 8#


PAWNEE
4689 (-920)
CHEROKEE
4756 (-987)
4650
4700
4750
4800
0
ROP (min/ft)
5
LS - CRM / TAN / SCAT BRN, MOT IN PT, F XLN, SUBCHKY / DNS, NS W/ SH - GY / SCAT BLK
LS - TAN / CRM / GY, F XLN, TR FOSS, PRED DNS, NS
PRED SH - GY / SCAT BLK W/ SLTST - LT / MED GY
SH - GY / SCAT BLK, SCAT CARB W/ LS - GY/ BRN / SCAT TAN, MOT, F XLN, FOSS IN PT, ARGIL IN PT, PRED DNS, NS
LS - TAN / BRN / GY, MOT, F XLN, SL FOSS, PRED DNS, NS W/ SCAT CHT - WHT / LT GY
LS - TAN / BRN, MOT IN PT, VF / F XLN, PRED DNS, NS
LS - ASABOVE W/ SH - PRED GY
LS - GY / BRN, F XLN, FOSS IN PT, PRED DNS, NS W/ SH - GY / BLK, CARB IN PT
LS - GY / BRN / TAN, MOT IN PT, F XLN, TR FOSS, PRED DNS, NS W/ SH - GY / BLK
LS - BRN / GY / TAN / SCAT CRM, MOT IN PT, F XLN, AREN IN PT, PRED DNS, NS W/ SH - GY / BLK, CARB IN PT
LS - TAN / CRM / GY / BRN, MOT IN PT, F XLN, FOSS IN PT, PRED DNS, NS W/ SS - GY, F GR, CALC, GLAUC, NS W/ SH - GY / BLK
Vis: 60
Wt: 9.0
LCM; 10#
Vis: 60
Wt: 8.9
LCM; 9#
Vis: 56
Wt: 9.0
LCM; 10#
1
10
100
1000
TG, C1-C5


ATOKA LS
4852 (-1083)
MORROW SH
4982 (-1213)
CFS @ 4912'
CFS @ 4935'
CFS @ 4998'
CFS @ 5010'
CFS @ 5025'
ROP (min/ft)
0
5
4850
4900
4950
5000
5050
ABNT SH - GY / BLK, CARB IN PT W/ LS - TAN / GY, MOT IN PT, F XLN, OOL IN PT, SUBCHKY / DNS, NS
LS - TAN / GY / BRN, MOT IN PT, F XLN, SL FOSS, PRED DNS, NS W/ SH - GY / BLK
LS - TAN / GY / BRN, MOT IN PT, F XLN, FOSS & OOL IN PT, PRED DNS, NS W/ SCAT DOLO - GY/ TAN, F XLN, PRED P INTXLN POR, NS W/ SH - GY / BLK, CARB IN PT
LS - TAN / BRN / GY, MOT IN PT, F XLN, FOSS & OOL IN PT, PRED DNS, NS W/ SH - GY / BLK, CARB IN PT
LS - TAN / BRN / SCAT GY, MOT IN PT, F XLN, PRED DNS, NS W/ TR DOLO - TAN, F XLN, VP / NO VIS POR, NS
DOLO - TAN / GY / BRN, VF / F XLN, SCAT AREN, P / F INTXLN & PPT POR, SCAT VUG POR W/ SCAT DOLO LS - TAN / BRN, CHTY, F VUG POR, OVERALL: F / G SGB, SSFO, F / G S OILY FILM, FT ODOR, SPTY LT BRN STN IN PT, PRED F / G FLUOR & CUT W/ LS - TAN, F XLN, DNS W/ SH - GY / BLK, CARB IN PT
LS - TAN / BRN / GY, MOT IN PT, F XLN, FOSS IN PT, PRED DNS, NS W/ SH - GY / BLK
LS - TAN / GY / BRN, MOT IN PT, F XLN, SL FOSS, SUBCHKY / DNS, NS W/ SH - GY / BLK, CARB IN PT
LS - TAN / GY, MOT IN PT, F XLN, PRED DNS, NS W/ SH - GY / BLK, CARB IN PT
PRED SH - GY / BLK, CARB IN PT W/ SCAT SS - LT GY, PRED VF GR, SCAT F / C GR, PRED FW SRTD, SCAT P SRTD, SIL CEM, SCAT / MOD PYR, SCAT SH FRAG, NO VIS POR, NS
PRED SH - MED / DK GY W/ TR SS - V SIM TO ABOVE, NO VIS POR, NS W/ TR SILTST
PRED SH - MED / DK GY, SCAT BLK & CARB W/ SCAT SLTST - LT / MED GY, SCAT GLAUC
PRED SH - MED / DK GY / SCAT GRN
WIPER TRIP 17 STANDS PRIOR TO DST
DST #2: 4901-4935 SEE DST HEADER FOR RESULTS
Vis: 49, Wt: 9.0
YP: 15, GelS: 12/33
pH: 10.0, WL: 7.2
Chl: 3,000, Sol: 4.8
LCM: 9#
ELEVATED MUD GASES DUE TO CRUDE OIL IN DRILLING FLUIDS
TG, C1-C5
1
10
100
1000
Vis: 59, Wt: 9.0
YP: 21, GelS: 15/38
pH: 9.5, WL: 8.0
Chl: 3,400, Sol: 4.8
LCM: 10#


MORROW LS
5065 (-1296)
MISS ST LOUIS
5150 (-1381)
0
ROP (min/ft)
5
5100
5150
5200
5250
PRED SH - MED / DK GY / SCAT GRN
LS - CRM / TAN / BRN, MOT IN PT, F / M XLN, AREN IN PT, PRED DNS, NS
LS - CRM / TAN / GY, MOT IN PT, F / M XLN, V AREN IN PT, GLAUC, PRED DNS, NS W/ SCAT SS - TAN / GY, V CALC, NS W/ SH - GY
LS - ASABOVE, SCAT OOL, ARGIL IN PT, PRED DNS, NS W/ SH - GY
LS - CRM / TAN / BRN / GY, MOT IN PT, VF / F / M XLN, OOL IN PT, PRED DNS, NS W/ ABNT SH - GY
LS - CRM / TAN, F XLN, OOL, AREN IN PT, SUBCHKY / CHKY IN PT, PRED DNS, NS W/ SH - GY W / SCAT SS - LT GY / WHT, F / M GR, FW SRTD, DR / R, FRI, NS
LS - CRM / TAN, F XLN, OOL, AREN IN PT, SUBCHKY / CHKY IN PT, TR P OOM POR, PRED DNS, NS
LS - CRM / TAN, F XLN, OOL IN PT, SCAT AREN, SUBCHKY IN PT, PRED DNS, NS W/ CHT - WHT / LT GY
LS - ASABOVE W/ SLTST - LT / MED GY, CALC / DOLO W/ MOD AMT SS - LT GY / WHT, VF / F GR, W SRTD, SR, CALC, P / NO POR, NS W/ SCAT DOLO - TAN / BRN, VF / F XLN, AREN IN PT, P / NO POR, NS W/ SH - PRED GY
SLTST - LT / MED GY, CALC / DOLO W/ DOLO - TAN / BRN, VF / F / SCAT M XLN, OOL IN PT, P / F INTXLN & PPT POR IN PT, TR VUG POR, NS W/ SH - PRED LT / MED GY
DOLO - ASABOVE, OOL IN PT, P / F INTXLN & PPT POR IN PT, SCAT P VUG POR, NS
TOTAL DEPTH 5249 (-1480)
Vis: 59
Wt: 9.1
LCM; 12#
G, C1-C5
1
10
100
1000
Vis: 58
Wt: 9.1
LCM; 12#