



MECHANICAL INTEGRITY TEST REPORT

Eagle US 2, LLC (E208)

Sulphur Mines Field (8759)

PPG Well No. 007B

UIC Serial No. 67270

API No. 17-019-04012

Calcasieu Parish (10), Louisiana, USA

Prepared for:

Eagle US 2, LLC

By:

Lonquist Field Service, LLC.

Houston, Texas

May 2022

MIT Report – Eagle US 2, LLC***PPG Well No. 007B***

Executive Summary

Lonquist Field Service, LLC (“LFS”) was contracted by Eagle US 2, LLC (“Eagle”) to perform a Mechanical Integrity Test (“MIT”) on Pelican Well No. 007B (“Well No. 7B”), Underground Injection Control (“UIC”) serial no. 67270. The test on Well No. 7B was performed in accordance with the Louisiana Department of Natural Resources (“LDNR”) Injection and Mining Division (“IMD”) regulations and approved under UIC-17 Injection Well Work Permit No. 43220. The Nitrogen-Brine Interface Method was utilized for the performance of these tests with approval from the LDNR IMD.

On March 11th, 2022 the base temperature and density logs were completed on Well No. 7B. On April 11th, 2022 the original nitrogen cap was bled off from the annulus until oil was at surface. Then nitrogen injection began to test the 7-5/8” production casing. On April 12th, 2022 the casing test was performed and nitrogen was injected to achieve the desired interface depth below the casing shoe. The cavern system was allowed to stabilize over 16 hours and on April 13th, 2022 the MIT was initialized on Well No. 7B. The 24-hour nitrogen/oil MIT was performed to a test gradient of 0.62 psia/ft at the casing shoe, located at 2,501’, with the results summarized as follows:

- Test Initialization – April 13th, 2022 at 17:08
 - Annulus Pressure: 1,406.11 psig
 - Tubing Pressure: 222.71 psig
 - Nitrogen/Oil interface depth: 2,505’
- Test Finalization – April 14th, 2022 at 17:08
 - Annulus Pressure: 1,407.18 psig
 - Tubing Pressure: 223.66 psig
 - Nitrogen/Oil interface depth: 2,505’
- Calculated Leak Rate (“CLR”): -5.44 barrels/year (Apparent Influx)

Considering the CLR being less than the Minimum Detectable Leak Rate (“MDLR”) of 263.70 barrels per year, and the guidelines set forth and approved by the LDNR IMD, Well No. 7B successfully demonstrated the mechanical integrity required for monitoring status.

MIT Report – Eagle US 2, LLC***PPG Well No. 007B***

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MIT Report – Eagle US 2, LLC***PPG Well No. 007B***

Introduction

Lonquist Field Service, LLC (“LFS”) was contracted by Eagle US 2, LLC (“Eagle”) to conduct a Mechanical Integrity Test (“MIT”) on Pelican Well No. 007B (“Well No. 7B”) at the Sulphur Mines Field in Calcasieu Parish, Louisiana.

Well No. 7B was tested using the Nitrogen-Brine Interface Test Method (See Appendix A). Typically, this procedure begins with an initial injection of nitrogen into the well to check for wellhead and casing leaks. The initial injection is followed by continued injection of nitrogen into the well until the interface is located below the casing shoe and a sufficient test pressure has been reached. The interface depth and the nitrogen (annulus) pressure are monitored during the test period. The test is evaluated by calculating the nitrogen mass (volume) at the commencement and completion of the test period. This difference yields an apparent mass (volume) change. As the test occurs over a finite time period, the apparent mass (volume) rate of change can be calculated and linearly forecasted to an annual rate. The annual mass (volume) rate of change is usually expressed in barrels of nitrogen per year (at average well pressure and temperature conditions). The mass (volume) rate of change is subject to the accuracy of the test or Minimum Detectable Leak Rate (“MDLR”), also expressed in barrels per year.

The following report will outline the mechanical integrity test for Well No. 7B. The report includes the cavern and wellbore configuration, temperature, and density logs completed during the test.

MIT Report – Eagle US 2, LLC***PPG Well No. 007B***

Summary

On March 11th, 2022, the wireline unit was rigged up, and the base temperature and density logs were completed. On April 11th, 2022 the existing nitrogen blanket in the annulus was bled off and gas samples were collected until oil was at surface in the 7-5/8" x 5-1/2" annulus. Then the base density log was ran again across the shoe. At 19:23, nitrogen was injected into Well No. 7B at an average wellbore temperature of 100 degrees Fahrenheit down the annulus. After spotting the nitrogen/oil interface above the casing shoe, operations were shut down so allow for stabilization overnight. On April 12th, 2022 the interface had moved up hole more than desired for the casing test. At 8:53, nitrogen injection resumed into the annulus and was paused at 8:54 to perform a casing test on the 7-5/8" production casing. The casing test began at 9:00 with the nitrogen/oil interface at 2,496', an annular (nitrogen) pressure of 1,402.03 psig and a tubing (brine) pressure of 221.68 psig. The casing test ended at 10:00 with the nitrogen/oil interface at 2,496', an annular (nitrogen) pressure of 1,401.98 psig and a tubing (brine) pressure of 221.74 psig. The 60-minute casing test passed with a stabilizing pressure trend throughout the testing period. Nitrogen injection was resumed at 11:16 and continued until the interface was spotted at a depth of 2,505' and an adequate test pressure was reached.

The cavern was allowed to stabilize for approximately 16 hours, and on April 13th, 2022 at 17:08 the MIT on Well No. 7B was initialized with an annulus (nitrogen) pressure of 1,406.11 psig, a tubing (brine) pressure of 222.71 psig, and a nitrogen/oil interface depth of 2,505'. The well was shut-in for a 24-hour test period. The wellhead was inspected for leaks and none were detected. On April 14th, 2022 at 17:08 the MIT on Well No. 7B was finalized with an annulus (nitrogen) pressure of 1,407.18 psig, a tubing (brine) pressure of 223.66 psig, and a nitrogen/oil interface depth of 2,505'. This concluded the MIT on Well No. 7B.

MIT Report – Eagle US 2, LLC***PPG Well No. 007B***

Conclusions

The mechanical integrity of Well No. 7B was established with the Nitrogen-Brine Interface Test Method. This test monitored the nitrogen/oil interface for a 24-hour test period. Well No. 7B was initialized with an annulus (nitrogen) pressure of 1,406.11 psig, a tubing (brine) pressure of 222.71 psig, and a nitrogen/oil interface at 2,505'.

Well No. 7B was finalized with an annulus (nitrogen) pressure of 1,407.18 psig, a tubing (brine) pressure of 223.66 psig, and a nitrogen/oil interface at 2,505'. The test pressure gradient was 0.62 psia/ft at the 7-5/8" casing shoe at a depth of 2,501' during the 24-hour test.

The total gas volume in the annulus and wellbore was calculated to be 27,031.27 scf at the start of the test and 27,039.13 scf at the end of the test for a calculated increase in gas volume of 7.85 scf. The calculated gas volume was based on the measured wellhead pressure, measured wellbore temperature, known casing annulus volume, and calculated borehole volumes (See Appendix D).

The CLR was -5.44 barrels per year (Apparent Influx). Considering the calculations, the CLR is less than the MDLR of 263.70 barrels per year. At the completion of this test, Well No. 7B exhibited the characteristics of a well that has mechanical integrity as required for monitoring status, in accordance with industry standards the guidelines established by the Louisiana Department of Natural Resources – Injection and Mining Division.

MIT Report – Eagle US 2, LLC***PPG Well No. 007B*****Daily Activities****March 11th, 2022**

Arrive to location, hold daily safety meeting and review JSAs. Rig up wireline unit and density tool, then perform the base density log at 11:00. The nitrogen/oil interface was at 1,524'. Lay down density tool and rig up temperature and gauge tool, then perform the base temperature log at 13:22. The well was secured and MIT operations postponed.

April 11th, 2022

Arrive to location, hold daily safety meeting and review JSAs. Rig up open top tank with gas buster to the annulus. Bleed off nitrogen from annulus while monitoring volume, rate, pressure and taking intermediate gas samples. Bled off 12,000 scf of nitrogen until oil was at surface. Rig up wireline unit and nitrogen pump. Rig up density tool and perform repeat pass of the base density log. Test nitrogen line to 2,000 psig and check for leaks. At 19:23 inject nitrogen into annulus at 100 degrees Fahrenheit. Spot nitrogen/oil interface at 2,494'. Shut down operations for the night to allow for stabilization overnight.

April 12th, 2022

Arrive to location, hold daily safety meeting and review JSAs. Rig up wireline unit and nitrogen pump. Test nitrogen line to 2,000 psig and check for leaks. Nitrogen/oil interface at 2,479', interface moved up 15' due to temperature stabilization. At 8:53 inject nitrogen into annulus to re-spot interface closer to the casing shoe. Pause injection at 8:54 to spot interface above the 7-5/8" production casing shoe. Log every 15 minutes to check for interface movement. Start 60-minute casing test at 9:00 with an annulus pressure of 1,402.03 psig, tubing pressure of 221.68 psig and nitrogen/oil interface of 2,496'. The casing test ended at 10:00 with an annulus pressure of 1,401.98 psig, tubing pressure of 221.74 psig and nitrogen/oil interface of 2,496'. At 11:16 resume injection into annulus until the nitrogen/oil interface was measured at a depth of 2,505' and an adequate test pressure was reached at 11:26. The well was secured and operations shut down for the night.

April 13th, 2022

Arrive to location, hold daily safety meeting and review JSAs. Run down hole with temperature log and initialize the MIT with density log, crossing the nitrogen/oil interface at 17:08. The nitrogen/oil interface was at 2,505'. Test initialization annulus pressure was 1,406.11 psig and initialization tubing pressure was 222.11 psig. Rig down wireline equipment and secure the well for the test period.

April 14th, 2022

Arrive to location, hold daily safety meeting and review JSAs. Run down hole with temperature log and finalize the MIT with density log, crossing the nitrogen/oil interface at 17:08. The nitrogen/oil interface was at 2,505'. Test finalization annulus pressure was 1,407.18 psig and finalization tubing pressure was 223.66 psig. Rig down wireline equipment. Secure well and return back to Eagle.

MIT Report – Eagle US 2, LLC***PPG Well No. 007B***

Test Participants**Eagle US 2, LLC**

Joshua Bradley	Production Superintendent
Kevin Laverne	Production Supervisor
Randy Broussard	Production Supervisor

Lonquist Field Service, LLC

Coleman Hale, P.E.	Vice President
Ben Bergman, P.E.	Registered Engineer
Nathan Pope	Petroleum / Test Engineer

KLX Energy Services, LLC

Wireline Personnel	Wireline Operators
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Invacor Midstream, LLC

Nitrogen Unit Personnel	Nitrogen Pump Operators
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MIT Report – Eagle US 2, LLC***PPG Well No. 007B*****Calculations**

The test sensitivity is defined as the ability of the test calculations and measurements to determine the status of the mechanical integrity of the well and wellbore. The conventional test sensitivity calculation using this test methodology is the Minimum Detectable Leak Rate (“MDLR”).

$$MDLR = \frac{[B_v \times L_R \times T_c]}{T_L}$$

Where:

B_v	=	1.445 bbl./ft (see Appendix D)
L_R	=	0.5 feet
T_c	=	365 days/year
T_L	=	1 day
MDLR	=	263.70 bbl./year

Therefore: $(1.445 \times 0.5 \times 365)/1 = 263.70 \text{ bbl./year}$

*Hand calculations may yield different final MDLR due to rounding.

Volume Calculations – Annular Space: (7-5/8” x 5-1/2”) & Borehole

Using the methodology outlined in the MIT procedure the following volumes were calculated:

Initial Wellbore Volume ($V_{I(Borehole)}$)

- Annulus Pressure – 1,406.11 psig
- Tubing Pressure – 222.71 psig
- Wellbore Temperature – Logged (APPENDIX E)
- Volume
 - 7-5/8” x 5-1/2” Annulus – 0.0178 bbl./ft
 - Borehole – APPENDIX D

$$(V_I) = \sum_0^{1/F} (N_2)_t$$

$V_{I(Borehole)} = 27,031.27 \text{ SCF}$

Final Wellbore Volume ($V_{F(Borehole)}$)

- Annulus Pressure – 1,407.18 psig
- Tubing Pressure – 223.66 psig
- Wellbore Temperature – Logged (APPENDIX E)
- Volume
 - 7-5/8” x 5-1/2” Annulus – 0.0178 bbl./ft
 - Borehole – APPENDIX D

$$(V_F) = \sum_0^{1/F} (N_2)_t$$

$V_{F(Borehole)} = 27,039.13 \text{ SCF}$

MIT Report – Eagle US 2, LLC***PPG Well No. 007B***

Borehole Volume Change:

$$(\Delta V)_{STP(Borehole)} = (\Delta V)_{I(Borehole)} - (\Delta V)_{F(Borehole)}$$

$$\Delta V_{STP(Borehole)} = 27,031.27 \text{ SCF} - 27,039.13 \text{ SCF} = -7.85 \text{ SCF}$$

The calculated volume/mass change is based on standard temperature and pressure and to evaluate the test results against the MDLR the calculated volume/mass change is converted to downhole conditions with the following equation:

$$(\Delta V_{WB}) = \left(\frac{[(Z_A) * (T_A) * R * (\Delta V)_{STP}]}{[(P_A) * CF * N_{GC}]} \right)$$

Where:

Z _A	=	1.01258
T _A	=	561.29 °R
R	=	Specific Gas Constant: 55.16
(ΔV) _{STP}	=	-7.85 SCF
P _A	=	1,480.61 psi
CF	=	144 in ² to ft ² conversion factor
N _{GC}	=	Nitrogen Gas Conversion (13.80 SCF = 1 lb.)
ΔV _{WB}	=	-0.08 ft³ per 1 day

To calculate an annual volume change to compare to the MDLR the following calculations were completed:

$$V_{ANNUAL} = \frac{\Delta V_{WB} \times 365}{T_L}$$

Where:

ΔV _{WB}	=	-0.08 ft ³ per 1 day
1 year	=	365 days
T _L	=	1 day
ΔV _{ANNUAL}	=	-30.54 ft³/yr.

Where:

ΔV _{ANNUAL}	=	-30.54 ft ³ /yr.
1 bbl.	=	5.6146 ft ³
CLR (bbl./year)	=	1 bbl. / 5.6146 ft ³
Calculated Leak Rate	=	-5.44 bbl./year (Apparent Influx)*

*Hand calculations may yield different final CLR due to rounding.

MIT Report – Eagle US 2, LLC

PPG Well No. 007B

Well Data Sheet and Schematic

TEST INFORMATION AND RESULTS

Well Name:	PPG Well No. 007B		
Operator:	Eagle US 2, LLC		
State:	LA		
County/Parish:	Calcasieu		
Field:	Sulphur Mines		
Serial/API:	67270 / 17-019-04012		

WELL INFORMATION

Production Casing		Casing Liner	
Casing Size	7 5/8 inches	Casing Size Casing ID Casing Weight Grade Depth	inches
Casing ID	6.969 inches		inches
Casing Weight	26.4 lbs/ft		lbs/ft
Grade	K-55		
Depth	2501 feet		feet
Outer Hanging String		Inner Hanging String	
Casing Size	5 1/2 inches	Casing Size Casing ID Casing Weight Grade Depth	inches
Casing ID	4.950 inches		inches
Casing Weight	15.5 lbs/ft		lbs/ft
Grade	J-55, LTC		
Depth	2608 feet		feet
Cavern			
Cavern Size			10,010,441 bbls
Compressibility			30.33 bbls/psi
Cavern TD			3102 feet

FINAL TEST INFORMATION

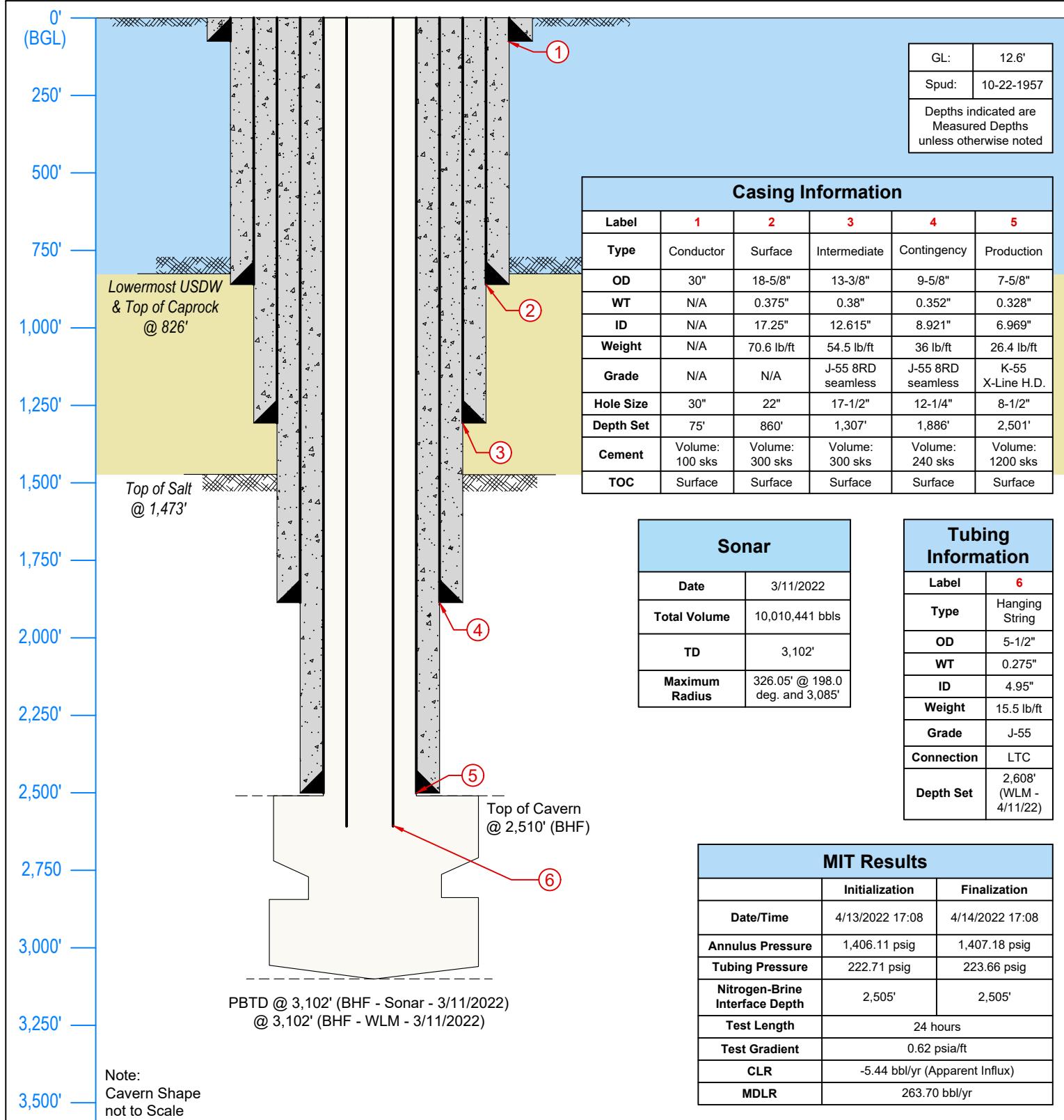
Effective Casing Shoe	2501 feet	Casing Shoe Pressure (avg) Interface Pressure (avg) Surface Tubing Pressure (avg) Surface Annulus Pressure (avg) Pressure Increase Conversion	1539.40 psi
Test Gradient	0.62 psi/ft		1539.60 psi
Brine Specific Gravity	1.2		223.19 psi
Nitrogen Temperature (avg)	101.60 deg F		1406.65 psi
Interface Depth	2505.00 feet		1.72 psi
Gas Compressibility (avg)	1.01		14.70 psi

Volume		Nitrogen	
Annular Volume No. 1	0.018 bbls/ft	Surface to Casing Shoe (avg)	23439.92 SCF
	0.000 bbls/ft	Casing Shoe to Interface (avg)	3595.28 SCF
	0.000 bbls	Total (avg)	27035.20 SCF
Surface to Casing Shoe	44.50 bbls	Brine	
Casing Shoe to Interface	7.58 bbls	Cavern Pre-Pressure	221.47 psi
Total	52.08 bbls	Brine Injection	6718.16 bbls

TEST RESULTS

Test Initialization Information		Test Finalization Information	
Date / Time	4/13/22 17:08	Date / Time	4/14/22 17:08
Tubing Pressure	222.71 psig	Tubing Pressure	223.66 psig
Annulus Pressure	1,406.11 psig	Annulus Pressure	1,407.18 psig
Wellbore Temperature (avg)	101.47 deg F	Wellbore Temperature (avg)	101.73 deg F
Nitrogen/Brine Interface	2505.00 feet	Nitrogen/Brine Interface	2505.00 feet

Test Results			
CLR	-5.44 bbls/yr	Test Length Test Length Logging Resolution	24.00 hours
MDLR	263.70 bbls/yr		1 days
Test Gradient	0.62 psia/ft		0.50 feet
Tubing Pressure Change	0.95 psi		
Annulus Pressure Change	1.07 psi		



LONQUIST & CO. LLC		Eagle US 2, LLC	PPG Well No. 007B - 2022 MIT Results	
PETROLEUM ENGINEERS	ENERGY ADVISORS			
AUSTIN • HOUSTON • CALGARY • WICHITA BATON ROUGE • DENVER • COLLEGE STATION				
Country: USA		State/Province: Louisiana		County/Parish: Calcasieu
Location: 12 mi. west of Lake Charles		Site: Sulphur Mines Brine Field		Status: Inactive
Survey/STR: S-029 T-09S R-10W		Field: Sulphur Mines (8759)		Serial No: 67270
Louisiana License EF5937	Well API No: 17-019-04012	Project No: F2106.5		Date: 05/11/2022
12912 Hill Country Blvd., Suite F-200 Austin, Texas 78738 Tel: 512.732.9812 Fax: 512.732.9816	Drawn: Nathan Pope	Reviewed: Coleman Hale, P.E.		Approved: Ben Bergman, P.E.
	Rev No:	Notes:		

Appendix

Appendix A – MIT Test Procedure

Appendix B – Injection Pressure Data

Nitrogen Injection

Well Name:	PPG Well No. 007B					
Operator:	Eagle US 2, LLC					
State:	LA					
County/Parish:	Calcasieu					
Field:	Sulphur Mines					
Serial/API:	67270 / 17-019-04012					

Flow Conditions

Date / Time	Tubing Gauge		Annulus Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Rate	Cum.
	psig	deg F	psig	deg F	deg F	scf/min	scf
4/11/22 19:00	219.57	76.32	612.37	76.27	85.96	0.00	0.00
4/11/22 19:05	219.57	76.14	612.40	76.10	85.83	0.00	0.00
4/11/22 19:10	219.57	75.96	618.27	75.91	78.04	0.00	58.25
4/11/22 19:15	219.66	75.73	617.77	75.68	80.00	0.00	58.25
4/11/22 19:20	219.59	75.49	617.24	75.45	79.33	0.00	58.25
4/11/22 19:25	219.63	75.31	651.91	75.17	77.02	302.84	448.77
4/11/22 19:30	219.57	74.95	779.99	74.83	93.32	474.71	2776.58
4/11/22 19:35	219.86	74.77	907.43	74.72	98.61	808.60	5930.10
4/11/22 19:40	220.11	74.69	1031.13	74.68	99.60	794.93	9967.47
4/11/22 19:45	220.56	74.66	1134.13	74.68	100.82	784.62	13967.04
4/11/22 19:50	220.64	74.64	1224.15	74.68	100.61	796.99	17857.75
4/11/22 19:55	220.95	74.64	1304.82	74.70	99.08	773.29	21742.81
4/11/22 20:00	220.67	74.66	1378.50	74.75	98.00	768.31	25603.17
4/11/22 20:05	221.21	74.64	1400.65	74.72	94.01	0.00	26892.41
4/11/22 20:10	221.21	74.62	1399.98	74.70	91.89	0.00	26892.41
4/11/22 20:15	221.20	74.61	1399.43	74.69	89.73	0.00	26892.41
4/11/22 20:20	221.20	74.52	1399.00	74.58	87.32	0.00	26892.41
4/11/22 20:25	221.17	74.38	1398.18	74.42	85.31	0.00	26915.75
4/11/22 20:30	221.19	74.34	1401.45	74.37	83.52	0.00	27087.97
4/11/22 20:35	221.21	74.23	1401.18	74.25	82.15	0.00	27087.97
4/11/22 20:40	221.92	74.00	1401.02	73.84	79.26	0.00	27212.87
4/11/22 20:45	221.30	73.68	1400.83	73.45	77.99	0.00	27212.87
4/11/22 20:50	221.19	73.57	1400.62	73.42	77.33	0.00	27212.87
4/11/22 20:55	221.17	73.57	1400.43	73.47	76.98	0.00	27212.87
4/11/22 21:00	221.18	73.42	1400.29	73.24	75.97	0.00	27212.87
4/11/22 21:05	221.19	73.30	1400.14	73.17	75.54	0.00	27212.87
4/11/22 21:10	221.19	73.22	1400.00	73.11	75.39	0.00	27212.87
4/11/22 21:15	221.20	73.12	1399.87	73.03	75.15	0.00	27212.87
4/11/22 21:20	221.20	73.05	1399.75	72.97	74.99	0.00	27212.87
4/11/22 21:25	221.19	72.99	1399.65	72.91	74.82	0.00	27212.87
4/11/22 21:30	221.20	72.93	1399.54	72.86	74.63	0.00	27212.87
4/11/22 21:35	221.20	72.87	1399.45	72.80	74.51	0.00	27212.87
4/11/22 21:40	221.21	72.80	1399.35	72.73	74.36	0.00	27212.87
4/11/22 21:45	221.21	72.75	1399.27	72.68	74.26	0.00	27212.87
4/11/22 21:50	221.22	72.69	1399.20	72.63	74.11	0.00	27212.87
4/11/22 21:55	221.22	72.65	1399.13	72.59	74.06	0.00	27212.87
4/11/22 22:00	221.22	72.64	1399.04	72.58	73.94	0.00	27212.87
4/11/22 22:05	221.23	72.61	1398.99	72.55	73.82	0.00	27212.87
4/11/22 22:10	221.23	72.56	1398.93	72.51	73.73	0.00	27212.87
4/11/22 22:15	221.23	72.52	1398.87	72.47	73.63	0.00	27212.87
4/11/22 22:20	221.24	72.48	1398.81	72.42	73.55	0.00	27212.87

Nitrogen Injection

Well Name:	PPG Well No. 007B
Operator:	Eagle US 2, LLC
State:	LA
County/Parish:	Calcasieu
Field:	Sulphur Mines
Serial/API:	67270 / 17-019-04012

Flow Conditions

Date / Time	Tubing Gauge		Annulus Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Rate	Cum.
	psig	deg F	psig	deg F	deg F	scf/min	scf
4/11/22 22:25	221.23	72.40	1398.75	72.35	73.49	0.00	27212.87
4/11/22 22:30	221.25	72.33	1398.70	72.28	73.39	0.00	27212.87
4/11/22 22:35	221.25	72.26	1398.64	72.20	73.31	0.00	27212.87
4/11/22 22:40	221.25	72.19	1398.59	72.13	73.21	0.00	27212.87
4/11/22 22:45	221.25	72.10	1398.55	72.04	73.12	0.00	27212.87
4/11/22 22:50	221.26	72.02	1398.50	71.97	73.02	0.00	27212.87
4/11/22 22:55	221.26	71.96	1398.47	71.91	72.93	0.00	27212.87
4/11/22 23:00	221.27	71.90	1398.43	71.85	72.85	0.00	27212.87
4/11/22 23:05	221.26	71.84	1398.40	71.79	72.77	0.00	27212.87
4/11/22 23:10	221.27	71.74	1398.36	71.69	72.69	0.00	27212.87
4/11/22 23:15	221.28	71.64	1398.33	71.59	72.58	0.00	27212.87
4/11/22 23:20	221.28	71.56	1398.29	71.51	72.51	0.00	27212.87
4/11/22 23:25	221.28	71.47	1398.27	71.43	72.38	0.00	27212.87
4/11/22 23:30	221.28	71.36	1398.24	71.31	72.25	0.00	27212.87
4/11/22 23:35	221.28	71.24	1398.19	71.19	72.14	0.00	27212.87
4/11/22 23:40	221.29	71.11	1398.17	71.06	72.00	0.00	27212.87
4/11/22 23:45	221.29	71.00	1398.16	70.96	71.93	0.00	27212.87
4/11/22 23:50	221.29	70.92	1398.12	70.88	71.81	0.00	27212.87
4/11/22 23:55	221.30	70.84	1398.11	70.80	71.72	0.00	27212.87
4/12/22 0:00	221.31	70.79	1398.09	70.75	71.67	0.00	27212.87
4/12/22 0:05	221.32	70.78	1398.06	70.74	71.57	0.00	27212.87
4/12/22 0:10	221.32	70.81	1398.03	70.77	71.54	0.00	27212.87
4/12/22 0:15	221.33	70.85	1398.01	70.81	71.52	0.00	27212.87
4/12/22 0:20	221.34	70.89	1397.98	70.85	71.55	0.00	27212.87
4/12/22 0:25	221.34	70.92	1397.96	70.87	71.52	0.00	27212.87
4/12/22 0:30	221.34	70.95	1397.95	70.90	71.55	0.00	27212.87
4/12/22 0:35	221.34	70.97	1397.91	70.93	71.54	0.00	27212.87
4/12/22 0:40	221.35	71.00	1397.91	70.96	71.54	0.00	27212.87
4/12/22 0:45	221.35	71.03	1397.88	70.98	71.55	0.00	27212.87
4/12/22 0:50	221.35	71.05	1397.86	71.00	71.56	0.00	27212.87
4/12/22 0:55	221.36	71.05	1397.86	71.01	71.54	0.00	27212.87
4/12/22 1:00	221.37	71.07	1397.85	71.02	71.56	0.00	27212.87
4/12/22 1:05	221.36	71.07	1397.82	71.03	71.54	0.00	27212.87
4/12/22 1:10	221.38	71.05	1397.81	71.01	71.52	0.00	27212.87
4/12/22 1:15	221.37	71.04	1397.80	71.00	71.48	0.00	27212.87
4/12/22 1:20	221.37	71.00	1397.78	70.96	71.47	0.00	27212.87
4/12/22 1:25	221.38	70.97	1397.78	70.93	71.43	0.00	27212.87
4/12/22 1:30	221.39	70.99	1397.75	70.94	71.42	0.00	27212.87
4/12/22 1:35	221.39	71.03	1397.74	70.99	71.42	0.00	27212.87
4/12/22 1:40	221.39	71.03	1397.73	70.99	71.41	0.00	27212.87
4/12/22 1:45	221.39	70.98	1397.72	70.93	71.37	0.00	27212.87

Nitrogen Injection

Well Name:	PPG Well No. 007B					
Operator:	Eagle US 2, LLC					
State:	LA					
County/Parish:	Calcasieu					
Field:	Sulphur Mines					
Serial/API:	67270 / 17-019-04012					

Flow Conditions

Date / Time	Tubing Gauge		Annulus Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Rate	Cum.
	psig	deg F	psig	deg F	deg F	scf/min	scf
4/12/22 1:50	221.38	70.86	1397.71	70.82	71.25	0.00	27212.87
4/12/22 1:55	221.38	70.68	1397.69	70.64	71.18	0.00	27212.87
4/12/22 2:00	221.39	70.47	1397.70	70.44	71.01	0.00	27212.87
4/12/22 2:05	221.40	70.27	1397.68	70.24	70.89	0.00	27212.87
4/12/22 2:10	221.40	70.14	1397.67	70.12	70.78	0.00	27212.87
4/12/22 2:15	221.41	70.05	1397.65	70.02	70.69	0.00	27212.87
4/12/22 2:20	221.42	69.97	1397.65	69.94	70.62	0.00	27212.87
4/12/22 2:25	221.42	70.01	1397.64	69.98	70.61	0.00	27212.87
4/12/22 2:30	221.45	70.07	1397.63	70.04	70.62	0.00	27212.87
4/12/22 2:35	221.43	70.13	1397.62	70.09	70.61	0.00	27212.87
4/12/22 2:40	221.43	70.19	1397.62	70.15	70.61	0.00	27212.87
4/12/22 2:45	221.43	70.24	1397.59	70.20	70.62	0.00	27212.87
4/12/22 2:50	221.43	70.25	1397.59	70.22	70.61	0.00	27212.87
4/12/22 2:55	221.44	70.23	1397.58	70.19	70.60	0.00	27212.87
4/12/22 3:00	221.45	70.22	1397.57	70.18	70.58	0.00	27212.87
4/12/22 3:05	221.44	70.20	1397.56	70.16	70.55	0.00	27212.87
4/12/22 3:10	221.44	70.13	1397.55	70.09	70.51	0.00	27212.87
4/12/22 3:15	221.44	70.04	1397.54	70.00	70.42	0.00	27212.87
4/12/22 3:20	221.44	69.95	1397.56	69.91	70.35	0.00	27212.87
4/12/22 3:25	221.44	69.80	1397.56	69.76	70.28	0.00	27212.87
4/12/22 3:30	221.44	69.62	1397.52	69.57	70.14	0.00	27212.87
4/12/22 3:35	221.45	69.44	1397.53	69.41	70.03	0.00	27212.87
4/12/22 3:40	221.46	69.30	1397.50	69.26	69.90	0.00	27212.87
4/12/22 3:45	221.47	69.25	1397.50	69.22	69.86	0.00	27212.87
4/12/22 3:50	221.48	69.28	1397.48	69.25	69.82	0.00	27212.87
4/12/22 3:55	221.49	69.32	1397.48	69.29	69.82	0.00	27212.87
4/12/22 4:00	221.49	69.36	1397.46	69.33	69.82	0.00	27212.87
4/12/22 4:05	221.49	69.42	1397.45	69.39	69.82	0.00	27212.87
4/12/22 4:10	221.50	69.52	1397.44	69.49	69.87	0.00	27212.87
4/12/22 4:15	221.50	69.65	1397.42	69.61	69.94	0.00	27212.87
4/12/22 4:20	221.50	69.73	1397.42	69.70	69.97	0.00	27212.87
4/12/22 4:25	221.50	69.80	1397.41	69.77	70.01	0.00	27212.87
4/12/22 4:30	221.51	69.84	1397.40	69.80	70.04	0.00	27212.87
4/12/22 4:35	221.52	69.90	1397.40	69.87	70.08	0.00	27212.87
4/12/22 4:40	221.52	69.97	1397.39	69.94	70.12	0.00	27212.87
4/12/22 4:45	221.52	70.02	1397.38	69.99	70.15	0.00	27212.87
4/12/22 4:50	221.52	70.06	1397.37	70.02	70.17	0.00	27212.87
4/12/22 4:55	221.53	70.08	1397.36	70.04	70.20	0.00	27212.87
4/12/22 5:00	221.53	70.09	1397.36	70.05	70.19	0.00	27212.87
4/12/22 5:05	221.54	70.11	1397.35	70.07	70.22	0.00	27212.87
4/12/22 5:10	221.55	70.14	1397.34	70.10	70.23	0.00	27212.87

Nitrogen Injection

Well Name:	PPG Well No. 007B					
Operator:	Eagle US 2, LLC					
State:	LA					
County/Parish:	Calcasieu					
Field:	Sulphur Mines					
Serial/API:	67270 / 17-019-04012					

Flow Conditions

Date / Time	Tubing Gauge		Annulus Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Rate	Cum.
	psig	deg F	psig	deg F	deg F	scf/min	scf
4/12/22 5:15	221.55	70.17	1397.33	70.13	70.26	0.00	27212.87
4/12/22 5:20	221.54	70.20	1397.33	70.16	70.28	0.00	27212.87
4/12/22 5:25	221.55	70.22	1397.33	70.18	70.29	0.00	27212.87
4/12/22 5:30	221.55	70.23	1397.32	70.20	70.31	0.00	27212.87
4/12/22 5:35	221.55	70.22	1397.32	70.19	70.30	0.00	27212.87
4/12/22 5:40	221.57	70.22	1397.32	70.18	70.31	0.00	27212.87
4/12/22 5:45	221.56	70.23	1397.31	70.20	70.31	0.00	27212.87
4/12/22 5:50	221.56	70.25	1397.31	70.22	70.33	0.00	27212.87
4/12/22 5:55	221.57	70.25	1397.31	70.21	70.31	0.00	27212.87
4/12/22 6:00	221.57	70.22	1397.29	70.18	70.30	0.00	27212.87
4/12/22 6:05	221.58	70.16	1397.30	70.12	70.26	0.00	27212.87
4/12/22 6:10	221.57	70.11	1397.30	70.07	70.23	0.00	27212.87
4/12/22 6:15	221.58	70.07	1397.28	70.03	70.21	0.00	27212.87
4/12/22 6:20	221.58	70.04	1397.28	70.00	70.17	0.00	27212.87
4/12/22 6:25	221.58	69.98	1397.26	69.93	70.12	0.00	27212.87
4/12/22 6:30	221.59	69.92	1397.27	69.88	70.08	0.00	27212.87
4/12/22 6:35	221.59	69.88	1397.28	69.84	70.05	0.00	27212.87
4/12/22 6:40	221.59	69.85	1397.26	69.82	70.01	0.00	27212.87
4/12/22 6:45	221.60	69.84	1397.27	69.81	69.99	0.00	27212.87
4/12/22 6:50	221.59	69.80	1397.25	69.77	69.97	0.00	27212.87
4/12/22 6:55	221.59	69.73	1397.25	69.70	69.92	0.00	27212.87
4/12/22 7:00	221.60	69.73	1397.25	69.70	69.87	0.00	27212.87
4/12/22 7:05	221.61	69.70	1397.24	69.67	69.86	0.00	27212.87
4/12/22 7:10	221.61	69.66	1397.24	69.63	69.83	0.00	27212.87
4/12/22 7:15	221.61	69.62	1397.24	69.59	69.81	0.00	27212.87
4/12/22 7:20	221.62	69.62	1397.23	69.58	69.81	0.00	27212.87
4/12/22 7:25	221.63	69.63	1397.23	69.59	69.82	0.00	27212.87
4/12/22 7:30	221.64	69.69	1397.22	69.65	69.87	0.00	27212.87
4/12/22 7:35	221.65	69.78	1397.24	69.70	69.63	0.00	27212.87
4/12/22 7:40	221.65	69.88	1397.23	69.74	69.53	0.00	27212.87
4/12/22 7:45	221.66	70.06	1397.24	69.95	69.58	0.00	27212.87
4/12/22 7:50	221.65	70.34	1397.22	70.25	69.76	0.00	27212.87
4/12/22 7:55	221.68	70.58	1397.21	70.52	69.99	0.00	27212.87
4/12/22 8:00	221.27	70.86	1397.22	70.79	70.22	0.00	27212.87
4/12/22 8:05	221.02	71.12	1397.17	71.05	70.45	0.00	27212.87
4/12/22 8:10	221.67	71.29	1397.17	71.22	70.63	0.00	27212.87
4/12/22 8:15	221.65	71.45	1397.18	71.37	70.80	0.00	27212.87
4/12/22 8:20	221.66	71.64	1397.16	71.56	70.99	0.00	27212.87
4/12/22 8:25	221.69	71.83	1397.18	71.75	71.17	0.00	27212.87
4/12/22 8:30	221.65	72.03	1397.17	71.94	71.32	0.00	27212.87
4/12/22 8:35	221.66	71.96	1397.59	71.71	70.86	0.00	27212.87

Nitrogen Injection

Well Name:	PPG Well No. 007B					
Operator:	Eagle US 2, LLC					
State:	LA					
County/Parish:	Calcasieu					
Field:	Sulphur Mines					
Serial/API:	67270 / 17-019-04012					

Flow Conditions

Date / Time	Tubing Gauge		Annulus Gauge		Flow Conditions		
	Pressure	Temp	Pressure	Temp	Temp	Rate	Cum.
	psig	deg F	psig	deg F	deg F	scf/min	scf
4/12/22 8:40	221.67	71.95	1397.29	71.76	71.06	0.00	27212.87
4/12/22 8:45	221.68	72.02	1397.09	71.87	71.15	0.00	27212.87
4/12/22 8:50	221.68	72.17	1397.00	72.04	71.29	0.00	27212.87
4/12/22 8:55	221.69	72.40	1402.03	72.28	72.92	0.00	27451.31
4/12/22 9:00	221.68	72.69	1402.03	72.59	72.09	0.00	27451.31
4/12/22 9:05	221.71	72.98	1402.01	72.86	72.26	0.00	27451.31
4/12/22 9:10	221.69	73.14	1402.00	73.02	72.41	0.00	27451.31
4/12/22 9:15	221.69	73.19	1402.00	73.08	72.49	0.00	27451.31
4/12/22 9:20	221.72	73.21	1402.00	73.09	72.56	0.00	27451.31
4/12/22 9:25	221.72	73.28	1402.01	73.16	72.64	0.00	27451.31
4/12/22 9:30	221.73	73.44	1402.00	73.32	72.76	0.00	27451.31
4/12/22 9:35	221.76	73.72	1402.00	73.61	72.97	0.00	27451.31
4/12/22 9:40	221.68	73.95	1402.00	73.84	73.16	0.00	27451.31
4/12/22 9:45	221.75	74.32	1401.99	74.21	73.45	0.00	27451.31
4/12/22 9:50	221.44	74.80	1402.01	74.69	73.82	0.00	27451.31
4/12/22 9:55	221.73	75.08	1401.98	74.96	74.08	0.00	27451.31
4/12/22 10:00	221.74	75.18	1401.98	75.07	74.24	0.00	27451.31
4/12/22 10:05	221.77	75.16	1401.99	75.06	74.33	0.00	27451.31
4/12/22 10:10	221.75	75.09	1402.00	74.99	74.38	0.00	27451.31
4/12/22 10:15	221.76	75.04	1402.00	74.94	74.39	0.00	27451.31
4/12/22 10:20	221.77	75.05	1402.00	74.95	74.46	0.00	27451.31
4/12/22 10:25	221.79	75.30	1402.00	75.20	74.67	0.00	27451.31
4/12/22 10:30	221.81	75.77	1402.01	75.65	75.00	0.00	27451.31
4/12/22 10:35	221.83	76.53	1402.00	76.43	75.59	0.00	27451.31
4/12/22 10:40	221.84	77.56	1402.00	77.44	76.38	0.00	27451.31
4/12/22 10:45	221.82	78.51	1401.98	78.36	77.14	0.00	27451.31
4/12/22 10:50	221.84	79.12	1402.00	78.95	77.72	0.00	27451.31
4/12/22 10:55	221.83	79.80	1402.00	79.63	78.47	0.00	27451.31
4/12/22 11:00	221.83	80.33	1402.03	80.15	79.06	0.00	27451.31
4/12/22 11:05	221.82	80.46	1402.00	80.28	79.30	0.00	27451.31
4/12/22 11:10	221.84	80.19	1401.60	80.00	79.01	0.00	27474.69
4/12/22 11:15	221.80	79.94	1401.57	79.77	79.20	0.00	27474.69
4/12/22 11:20	221.93	79.59	1404.45	79.43	91.32	458.87	28832.88
4/12/22 11:25	221.71	79.20	1405.67	79.05	83.03	467.50	31164.21
4/12/22 11:30	222.07	79.14	1406.38	78.99	82.97	0.00	31606.04
4/12/22 11:35	222.02	79.04	1406.12	78.91	79.89	0.00	31606.04
4/12/22 11:40	222.04	78.91	1405.39	78.80	78.83	0.00	31606.04
4/12/22 11:45	222.03	78.79	1405.28	78.68	79.73	0.00	31606.04

Appendix C – Test Pressure Data

TEST PRESSURE

Well Name:	PPG Well No. 007B
Operator:	Eagle US 2, LLC
State:	LA
County/Parish:	Calcasieu
Field:	Sulphur Mines
Serial/API:	67270 / 17-019-04012

PRESSURE INFORMATION

Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure	Temp	Pressure	Temp
	psig	deg F	psig	deg F
4/13/22 17:08	222.71	77.28	1406.11	77.22
4/13/22 17:13	222.79	77.15	1406.12	77.10
4/13/22 17:18	223.38	77.03	1406.16	76.99
4/13/22 17:23	222.79	76.93	1406.17	76.89
4/13/22 17:28	222.75	76.85	1406.10	76.81
4/13/22 17:33	222.76	76.94	1406.21	76.91
4/13/22 17:38	222.76	77.07	1406.22	77.05
4/13/22 17:43	222.73	77.09	1406.19	77.07
4/13/22 17:48	222.73	77.06	1406.10	77.02
4/13/22 17:53	222.71	76.98	1406.12	76.96
4/13/22 17:58	222.69	76.85	1406.14	76.83
4/13/22 18:03	222.68	76.64	1406.12	76.62
4/13/22 18:08	222.67	76.40	1406.14	76.42
4/13/22 18:13	222.67	75.98	1406.06	76.06
4/13/22 18:18	222.62	75.43	1406.07	75.54
4/13/22 18:23	222.69	75.13	1406.12	75.25
4/13/22 18:28	222.67	75.04	1406.12	75.13
4/13/22 18:33	222.72	75.02	1406.12	75.07
4/13/22 18:38	222.72	75.00	1406.15	75.05
4/13/22 18:43	222.72	75.00	1406.13	75.04
4/13/22 18:48	222.73	75.02	1406.14	75.04
4/13/22 18:53	222.71	74.91	1406.11	74.96
4/13/22 18:58	222.69	74.73	1406.13	74.82
4/13/22 19:03	222.69	74.58	1406.09	74.67
4/13/22 19:08	222.70	74.47	1406.12	74.56
4/13/22 19:13	222.69	74.39	1406.11	74.46
4/13/22 19:18	222.69	74.27	1406.07	74.34
4/13/22 19:23	222.70	74.18	1406.13	74.23
4/13/22 19:28	222.70	74.10	1406.11	74.16
4/13/22 19:33	222.70	74.03	1406.11	74.09
4/13/22 19:38	222.70	73.95	1406.11	74.02
4/13/22 19:43	222.71	73.90	1406.13	73.96
4/13/22 19:48	222.72	73.85	1406.15	73.92
4/13/22 19:53	222.70	73.66	1406.13	73.72
4/13/22 19:58	222.71	73.50	1406.12	73.51
4/13/22 20:03	222.71	73.41	1406.12	73.43
4/13/22 20:08	222.74	73.36	1406.15	73.37
4/13/22 20:13	222.73	73.32	1406.13	73.34
4/13/22 20:18	222.73	73.29	1406.16	73.32
4/13/22 20:23	222.74	73.28	1406.15	73.29
4/13/22 20:28	222.75	73.27	1406.17	73.28

TEST PRESSURE				
Well Name:	PPG Well No. 007B			
Operator:	Eagle US 2, LLC			
State:	LA			
County/Parish:	Calcasieu			
Field:	Sulphur Mines			
Serial/API:	67270 / 17-019-04012			
PRESSURE INFORMATION				
Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure	Temp	Pressure	Temp
	psig	deg F	psig	deg F
4/13/22 20:33	222.76	73.26	1406.14	73.26
4/13/22 20:38	222.76	73.26	1406.16	73.26
4/13/22 20:43	222.76	73.26	1406.17	73.26
4/13/22 20:48	222.77	73.26	1406.18	73.26
4/13/22 20:53	222.75	73.25	1406.16	73.24
4/13/22 20:58	222.65	71.23	1406.20	71.20
4/13/22 21:03	222.61	68.88	1406.20	68.93
4/13/22 21:08	222.64	67.02	1406.28	67.04
4/13/22 21:13	222.67	65.83	1406.29	65.82
4/13/22 21:18	222.68	65.36	1406.22	65.32
4/13/22 21:23	222.71	65.11	1406.22	65.08
4/13/22 21:28	222.72	64.84	1406.22	64.85
4/13/22 21:33	222.73	64.69	1406.20	64.70
4/13/22 21:38	222.76	64.67	1406.18	64.68
4/13/22 21:43	222.76	64.67	1406.19	64.67
4/13/22 21:48	222.78	64.66	1406.19	64.68
4/13/22 21:53	222.80	64.71	1406.25	64.72
4/13/22 21:58	222.83	64.83	1406.21	64.83
4/13/22 22:03	222.83	64.88	1406.22	64.88
4/13/22 22:08	222.83	64.89	1406.23	64.91
4/13/22 22:13	222.83	64.94	1406.21	64.94
4/13/22 22:18	222.84	64.99	1406.17	64.99
4/13/22 22:23	222.84	65.04	1406.22	65.06
4/13/22 22:28	222.85	65.06	1406.23	65.07
4/13/22 22:33	222.84	65.06	1406.21	65.07
4/13/22 22:38	222.84	65.05	1406.20	65.07
4/13/22 22:43	222.84	65.07	1406.23	65.10
4/13/22 22:48	222.86	65.12	1406.24	65.14
4/13/22 22:53	222.87	65.22	1406.21	65.23
4/13/22 22:58	222.88	65.32	1406.23	65.33
4/13/22 23:03	222.89	65.40	1406.28	65.43
4/13/22 23:08	222.90	65.49	1406.30	65.53
4/13/22 23:13	222.91	65.56	1406.26	65.58
4/13/22 23:18	222.89	65.60	1406.24	65.62
4/13/22 23:23	222.88	65.60	1406.22	65.63
4/13/22 23:28	222.85	65.49	1406.18	65.53
4/13/22 23:33	222.86	65.45	1406.17	65.47
4/13/22 23:38	222.87	65.46	1406.20	65.46
4/13/22 23:43	222.89	65.54	1406.30	65.56
4/13/22 23:48	222.91	65.65	1406.27	65.67
4/13/22 23:53	222.91	65.72	1406.26	65.74

TEST PRESSURE				
Well Name:	PPG Well No. 007B			
Operator:	Eagle US 2, LLC			
State:	LA			
County/Parish:	Calcasieu			
Field:	Sulphur Mines			
Serial/API:	67270 / 17-019-04012			
PRESSURE INFORMATION				
Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure	Temp	Pressure	Temp
	psig	deg F	psig	deg F
4/13/22 23:58	222.91	65.76	1406.27	65.79
4/14/22 0:03	222.92	65.82	1406.25	65.83
4/14/22 0:08	222.92	65.87	1406.27	65.88
4/14/22 0:13	222.92	65.92	1406.25	65.92
4/14/22 0:18	222.91	65.94	1406.27	65.94
4/14/22 0:23	222.90	65.94	1406.25	65.94
4/14/22 0:28	222.90	65.95	1406.25	65.94
4/14/22 0:33	222.90	65.94	1406.24	65.94
4/14/22 0:38	222.90	65.94	1406.25	65.93
4/14/22 0:43	222.90	65.96	1406.26	65.95
4/14/22 0:48	222.91	65.98	1406.27	65.96
4/14/22 0:53	222.92	66.02	1406.31	66.00
4/14/22 0:58	222.92	66.03	1406.30	66.02
4/14/22 1:03	222.90	65.96	1406.20	65.94
4/14/22 1:08	222.89	65.89	1406.27	65.89
4/14/22 1:13	222.89	65.86	1406.26	65.84
4/14/22 1:18	222.89	65.84	1406.24	65.82
4/14/22 1:23	222.90	65.82	1406.24	65.80
4/14/22 1:28	222.89	65.72	1406.29	65.71
4/14/22 1:33	222.91	65.63	1406.23	65.59
4/14/22 1:38	222.92	65.54	1406.23	65.52
4/14/22 1:43	222.90	65.43	1406.26	65.44
4/14/22 1:48	222.90	65.31	1406.29	65.31
4/14/22 1:53	222.91	65.22	1406.27	65.21
4/14/22 1:58	222.91	65.19	1406.25	65.17
4/14/22 2:03	222.94	65.18	1406.28	65.17
4/14/22 2:08	222.93	65.16	1406.30	65.15
4/14/22 2:13	222.92	65.09	1406.27	65.07
4/14/22 2:18	222.91	65.03	1406.30	65.01
4/14/22 2:23	222.91	64.94	1406.29	64.92
4/14/22 2:28	222.92	64.87	1406.26	64.85
4/14/22 2:33	222.93	64.75	1406.31	64.74
4/14/22 2:38	222.94	64.66	1406.27	64.64
4/14/22 2:43	222.93	64.56	1406.31	64.57
4/14/22 2:48	222.90	64.37	1406.30	64.41
4/14/22 2:53	222.92	64.08	1406.26	64.10
4/14/22 2:58	222.93	63.83	1406.26	63.86
4/14/22 3:03	222.96	63.63	1406.26	63.65
4/14/22 3:08	222.93	63.46	1406.25	63.48
4/14/22 3:13	222.95	63.36	1406.30	63.37
4/14/22 3:18	222.96	63.33	1406.29	63.32

TEST PRESSURE

Well Name:	PPG Well No. 007B
Operator:	Eagle US 2, LLC
State:	LA
County/Parish:	Calcasieu
Field:	Sulphur Mines
Serial/API:	67270 / 17-019-04012

PRESSURE INFORMATION

Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure psig	Temp deg F	Pressure psig	Temp deg F
4/14/22 3:23	222.99	63.41	1406.34	63.40
4/14/22 3:28	222.99	63.43	1406.31	63.43
4/14/22 3:33	222.97	63.39	1406.30	63.40
4/14/22 3:38	222.93	63.19	1406.31	63.21
4/14/22 3:43	222.96	62.97	1406.28	62.99
4/14/22 3:48	222.93	62.76	1406.31	62.79
4/14/22 3:53	222.92	62.50	1406.28	62.53
4/14/22 3:58	222.95	62.32	1406.28	62.34
4/14/22 4:03	222.97	62.22	1406.30	62.24
4/14/22 4:08	222.98	62.21	1406.33	62.24
4/14/22 4:13	222.98	62.18	1406.32	62.22
4/14/22 4:18	222.96	62.09	1406.32	62.12
4/14/22 4:23	222.98	61.97	1406.30	61.98
4/14/22 4:28	222.99	61.92	1406.31	61.94
4/14/22 4:33	222.98	61.90	1406.32	61.93
4/14/22 4:38	222.96	61.73	1406.33	61.76
4/14/22 4:43	222.99	61.54	1406.32	61.59
4/14/22 4:48	222.99	61.43	1406.29	61.48
4/14/22 4:53	222.98	61.27	1406.32	61.32
4/14/22 4:58	222.98	61.14	1406.31	61.18
4/14/22 5:03	222.99	60.97	1406.31	61.03
4/14/22 5:08	222.99	60.85	1406.34	60.90
4/14/22 5:13	222.99	60.74	1406.35	60.80
4/14/22 5:18	222.98	60.65	1406.31	60.69
4/14/22 5:23	222.99	60.51	1406.31	60.55
4/14/22 5:28	223.00	60.34	1406.39	60.39
4/14/22 5:33	222.98	60.21	1406.30	60.25
4/14/22 5:38	222.97	60.07	1406.33	60.13
4/14/22 5:43	222.99	59.86	1406.35	59.89
4/14/22 5:48	223.02	59.66	1406.37	59.69
4/14/22 5:53	222.99	59.48	1406.39	59.55
4/14/22 5:58	223.01	59.34	1406.34	59.37
4/14/22 6:03	223.01	59.21	1406.34	59.26
4/14/22 6:08	223.00	59.03	1406.36	59.10
4/14/22 6:13	223.05	58.84	1406.37	58.90
4/14/22 6:18	223.02	58.66	1406.31	58.70
4/14/22 6:23	223.01	58.48	1406.38	58.54
4/14/22 6:28	223.02	58.33	1406.34	58.39
4/14/22 6:33	223.04	58.21	1406.33	58.26
4/14/22 6:38	223.03	58.08	1406.36	58.14
4/14/22 6:43	223.05	58.00	1406.40	58.05

TEST PRESSURE

Well Name:	PPG Well No. 007B
Operator:	Eagle US 2, LLC
State:	LA
County/Parish:	Calcasieu
Field:	Sulphur Mines
Serial/API:	67270 / 17-019-04012

PRESSURE INFORMATION

Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure	Temp	Pressure	Temp
	psig	deg F	psig	deg F
4/14/22 6:48	223.04	57.93	1406.40	57.98
4/14/22 6:53	223.05	57.81	1406.37	57.86
4/14/22 6:58	223.06	57.67	1406.36	57.71
4/14/22 7:03	223.05	57.58	1406.36	57.63
4/14/22 7:08	223.09	57.56	1406.38	57.61
4/14/22 7:13	223.15	57.82	1406.36	57.87
4/14/22 7:18	223.19	58.29	1406.40	58.36
4/14/22 7:23	223.16	58.85	1406.42	58.91
4/14/22 7:28	223.18	59.41	1406.39	59.47
4/14/22 7:33	223.19	60.02	1406.39	60.05
4/14/22 7:38	223.22	60.61	1406.42	60.65
4/14/22 7:43	223.18	61.16	1406.42	61.18
4/14/22 7:48	223.15	61.75	1406.44	61.76
4/14/22 7:53	223.18	62.30	1406.40	62.29
4/14/22 7:58	223.16	62.84	1406.44	62.81
4/14/22 8:03	223.18	63.39	1406.44	63.36
4/14/22 8:08	223.20	63.83	1406.45	63.75
4/14/22 8:13	223.17	64.00	1406.47	63.92
4/14/22 8:18	223.21	64.28	1406.52	64.17
4/14/22 8:23	223.21	64.84	1406.54	64.74
4/14/22 8:28	223.24	65.47	1406.55	65.36
4/14/22 8:33	223.24	66.88	1406.48	66.73
4/14/22 8:38	223.28	68.36	1406.50	68.17
4/14/22 8:43	223.29	69.73	1406.49	69.49
4/14/22 8:48	223.25	71.12	1406.50	70.85
4/14/22 8:53	223.23	71.71	1406.54	71.37
4/14/22 8:58	223.27	72.44	1406.61	72.09
4/14/22 9:03	223.27	73.09	1406.56	72.73
4/14/22 9:08	223.30	73.56	1406.59	73.18
4/14/22 9:13	223.28	73.95	1406.61	73.52
4/14/22 9:18	223.35	74.42	1406.63	73.98
4/14/22 9:23	223.25	75.11	1406.61	74.62
4/14/22 9:28	223.34	75.65	1406.68	75.16
4/14/22 9:33	223.32	76.01	1406.67	75.50
4/14/22 9:38	223.34	76.76	1406.66	76.26
4/14/22 9:43	223.32	77.07	1406.68	76.53
4/14/22 9:48	223.36	77.50	1406.69	76.94
4/14/22 9:53	223.32	77.99	1406.73	77.48
4/14/22 9:58	223.34	78.57	1406.74	78.06
4/14/22 10:03	223.38	79.08	1406.72	78.55
4/14/22 10:08	223.37	79.60	1406.76	79.04

TEST PRESSURE

Well Name:	PPG Well No. 007B
Operator:	Eagle US 2, LLC
State:	LA
County/Parish:	Calcasieu
Field:	Sulphur Mines
Serial/API:	67270 / 17-019-04012

PRESSURE INFORMATION

Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure	Temp	Pressure	Temp
	psig	deg F	psig	deg F
4/14/22 10:13	223.37	79.85	1406.79	79.24
4/14/22 10:18	223.39	80.09	1406.77	79.47
4/14/22 10:23	223.40	80.70	1406.76	80.10
4/14/22 10:28	223.42	81.35	1406.79	80.72
4/14/22 10:33	223.37	81.86	1406.79	81.19
4/14/22 10:38	223.43	82.43	1406.76	81.77
4/14/22 10:43	223.44	83.11	1406.81	82.45
4/14/22 10:48	223.38	83.36	1406.75	82.65
4/14/22 10:53	223.43	83.56	1406.81	82.87
4/14/22 10:58	223.40	83.86	1406.85	83.15
4/14/22 11:03	223.41	84.01	1406.85	83.32
4/14/22 11:08	223.35	83.62	1406.87	82.92
4/14/22 11:13	223.43	83.80	1406.86	83.04
4/14/22 11:18	223.46	84.03	1406.89	83.23
4/14/22 11:23	223.48	84.49	1406.90	83.69
4/14/22 11:28	223.48	84.91	1406.89	84.11
4/14/22 11:33	223.50	85.68	1406.92	84.82
4/14/22 11:38	223.46	86.00	1406.92	85.15
4/14/22 11:43	223.52	86.38	1406.92	85.48
4/14/22 11:48	223.44	86.76	1406.87	85.85
4/14/22 11:53	223.44	86.73	1406.98	85.77
4/14/22 11:58	223.51	87.08	1406.96	86.18
4/14/22 12:03	223.49	87.34	1406.95	86.42
4/14/22 12:08	223.51	87.57	1407.00	86.60
4/14/22 12:13	223.50	87.90	1406.97	86.99
4/14/22 12:18	223.52	88.34	1406.98	87.47
4/14/22 12:23	223.49	88.38	1406.93	87.50
4/14/22 12:28	223.39	87.91	1406.94	87.07
4/14/22 12:33	223.49	87.72	1407.02	87.00
4/14/22 12:38	223.53	88.12	1407.02	87.42
4/14/22 12:43	223.50	88.09	1406.93	87.31
4/14/22 12:48	223.40	87.67	1406.94	86.85
4/14/22 12:53	223.45	87.61	1406.98	86.79
4/14/22 12:58	223.46	87.61	1406.98	86.79
4/14/22 13:03	223.56	88.00	1406.99	87.19
4/14/22 13:08	223.51	88.15	1406.90	87.33
4/14/22 13:13	223.51	88.09	1406.98	87.26
4/14/22 13:18	223.56	88.36	1406.99	87.57
4/14/22 13:23	223.51	88.29	1406.91	87.46
4/14/22 13:28	223.58	88.56	1407.05	87.79
4/14/22 13:33	223.57	89.23	1407.03	88.44

TEST PRESSURE

Well Name:	PPG Well No. 007B
Operator:	Eagle US 2, LLC
State:	LA
County/Parish:	Calcasieu
Field:	Sulphur Mines
Serial/API:	67270 / 17-019-04012

PRESSURE INFORMATION

Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure psig	Temp deg F	Pressure psig	Temp deg F
4/14/22 13:38	223.59	89.36	1406.97	88.62
4/14/22 13:43	223.55	89.65	1406.97	88.88
4/14/22 13:48	223.54	89.68	1407.03	88.89
4/14/22 13:53	223.58	89.93	1407.08	89.05
4/14/22 13:58	223.57	90.00	1406.99	89.06
4/14/22 14:03	223.61	90.17	1407.06	89.27
4/14/22 14:08	223.64	90.72	1407.08	89.79
4/14/22 14:13	223.62	91.13	1407.08	90.18
4/14/22 14:18	223.56	91.21	1407.02	90.23
4/14/22 14:23	223.67	91.66	1407.05	90.71
4/14/22 14:28	223.64	92.15	1407.04	91.17
4/14/22 14:33	223.63	92.31	1407.06	91.35
4/14/22 14:38	223.62	92.34	1407.04	91.35
4/14/22 14:43	223.56	92.22	1407.01	91.21
4/14/22 14:48	223.48	91.79	1407.09	90.86
4/14/22 14:53	223.57	91.89	1407.14	90.99
4/14/22 14:58	223.67	92.54	1407.09	91.66
4/14/22 15:03	223.59	92.26	1407.03	91.40
4/14/22 15:08	223.62	92.38	1407.16	91.52
4/14/22 15:13	223.56	92.16	1407.07	91.33
4/14/22 15:18	223.63	92.41	1407.12	91.55
4/14/22 15:23	223.70	92.77	1407.13	91.90
4/14/22 15:28	223.73	93.37	1407.12	92.47
4/14/22 15:33	223.72	93.78	1407.12	92.86
4/14/22 15:38	223.65	94.01	1407.10	93.08
4/14/22 15:43	223.65	94.03	1407.13	93.12
4/14/22 15:48	223.69	94.37	1407.13	93.48
4/14/22 15:53	223.69	94.55	1407.15	93.67
4/14/22 15:58	223.64	94.45	1407.10	93.57
4/14/22 16:03	223.59	94.49	1407.14	93.65
4/14/22 16:08	223.56	94.40	1407.14	93.62
4/14/22 16:13	223.66	94.86	1407.18	94.07
4/14/22 16:18	223.65	95.39	1407.15	94.61
4/14/22 16:23	223.60	95.24	1407.11	94.46
4/14/22 16:28	223.53	94.96	1407.09	94.18
4/14/22 16:33	223.52	94.87	1407.13	94.14
4/14/22 16:38	223.54	94.92	1407.17	94.23
4/14/22 16:43	223.48	94.64	1407.17	93.96
4/14/22 16:48	223.42	94.28	1407.14	93.63
4/14/22 16:53	223.46	94.20	1407.22	93.56
4/14/22 16:58	223.51	94.37	1407.17	93.73

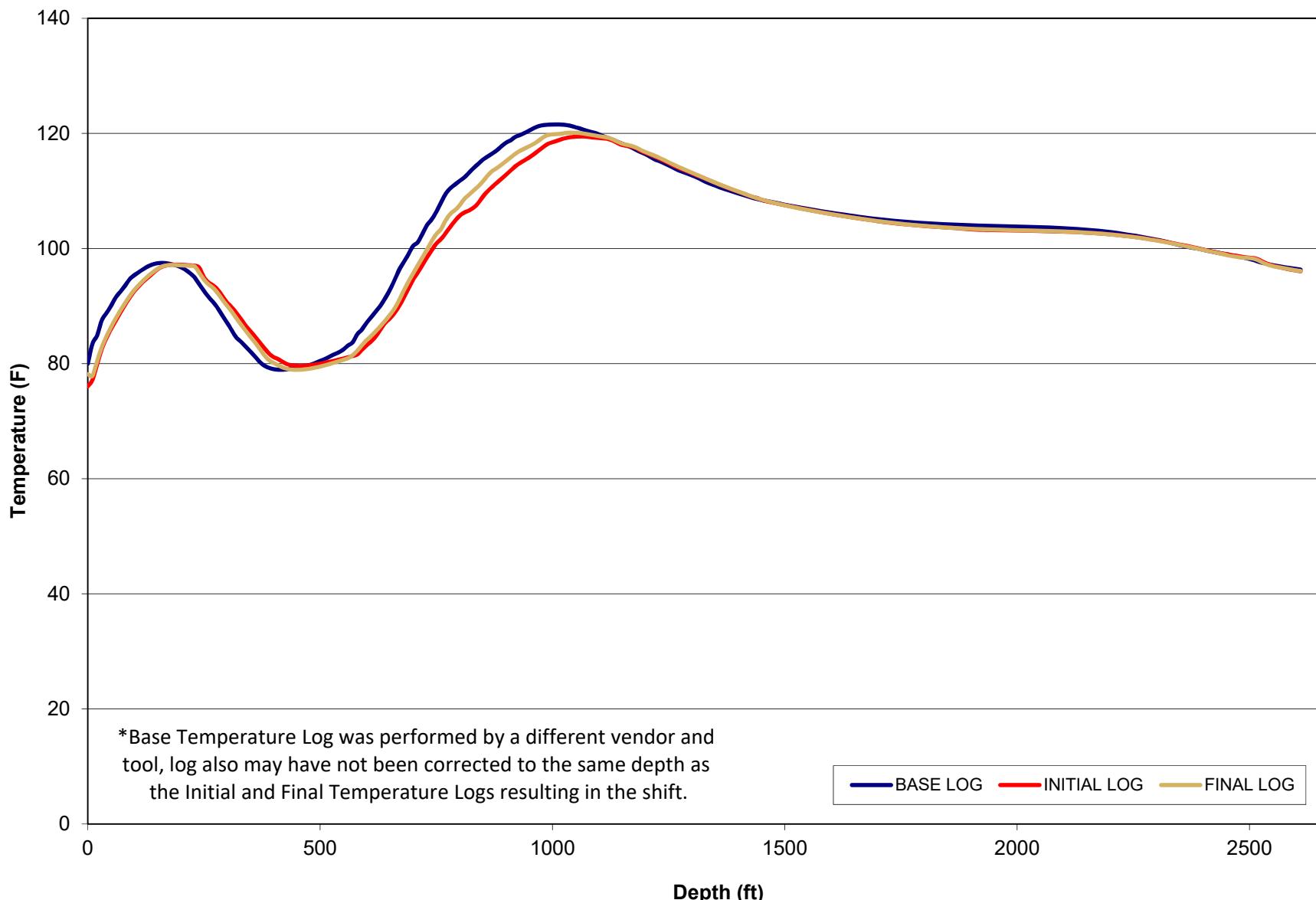
TEST PRESSURE				
Well Name:	PPG Well No. 007B			
Operator:	Eagle US 2, LLC			
State:	LA			
County/Parish:	Calcasieu			
Field:	Sulphur Mines			
Serial/API:	67270 / 17-019-04012			
PRESSURE INFORMATION				
Date / Time	Tubing Pressure		Annulus Pressure	
	Pressure	Temp	Pressure	Temp
	psig	deg F	psig	deg F
4/14/22 17:03	223.63	94.25	1407.14	93.63
4/14/22 17:08	223.66	94.24	1407.18	93.68

Appendix D – Borehole Volumes

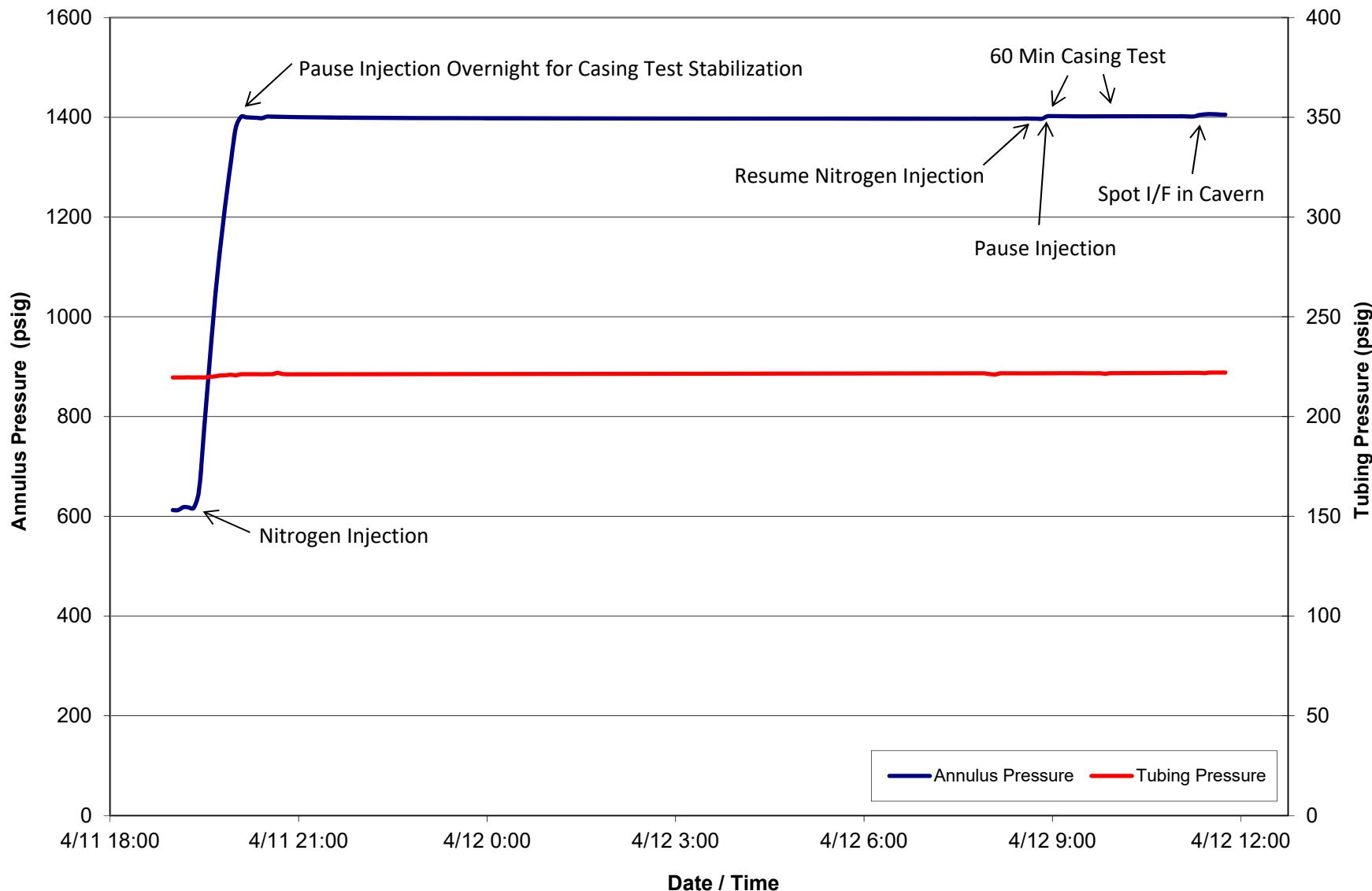
Eagle US 2, LLC, PPG Well No. 007B - MIT Borehole Volumes					
I/F Depth Logged [ft]	N2 Volume Turbine Cumulative [scf]	N2 Pressure Gauge [psig]	Borehole Volume Cumulative [bbls]	Borehole Volume Incremental Per Interval [bbls]	Borehole Volume Incremental Per Foot [bbls/ft]
2501.0	27600	1404.20	0.00	0	0.02
2503.0	29500	1404.60	3.64	3.64	1.82
2505.0	31025	1405.60	6.53	2.89	1.44
2508.0	31600	1406.70	7.58	1.06	0.35

Appendix E – Pressure and Temperature Graphs

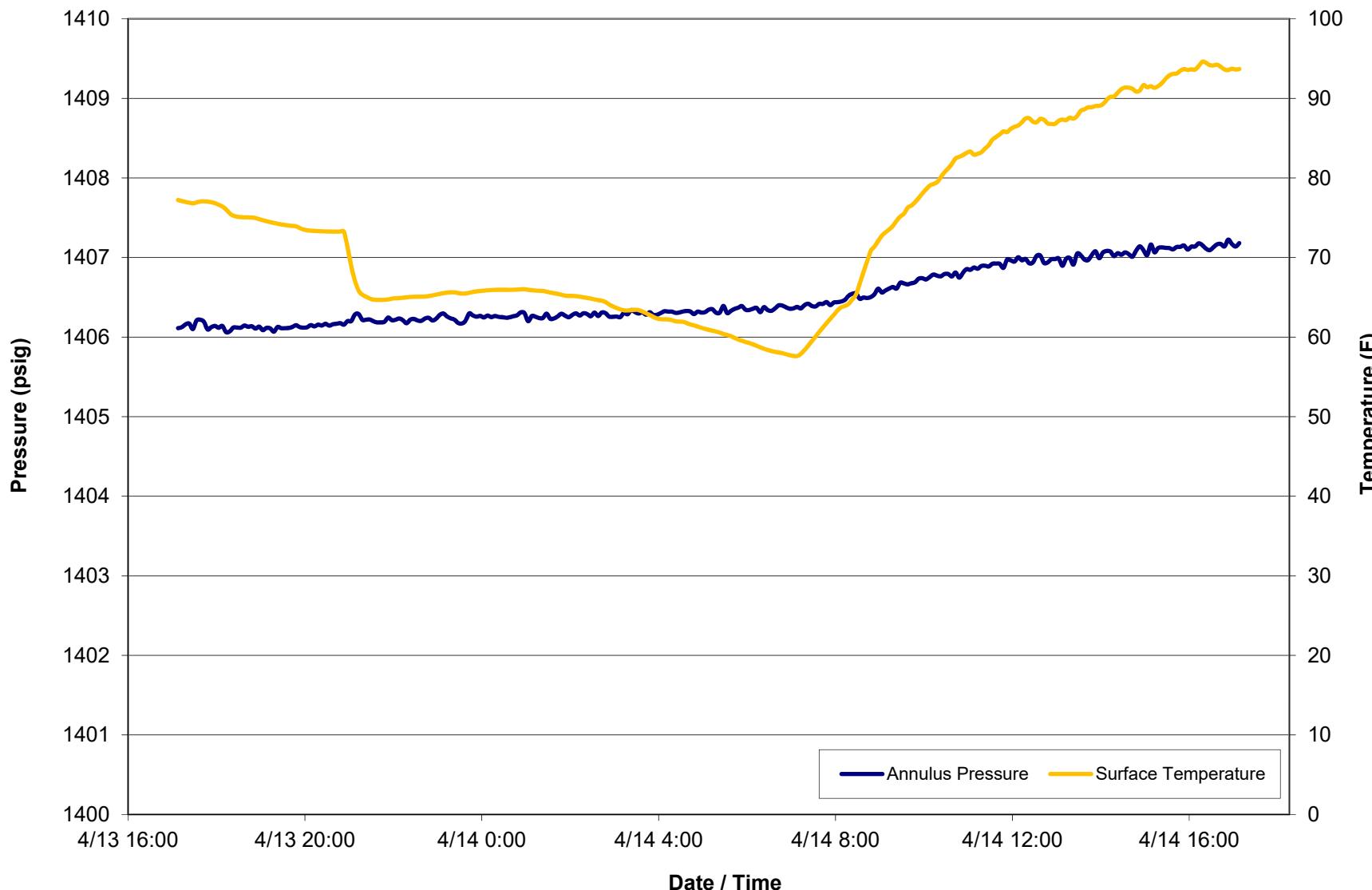
Eagle US 2, LLC, PPG Well No. 007B - MIT Wellbore Temperature Graph



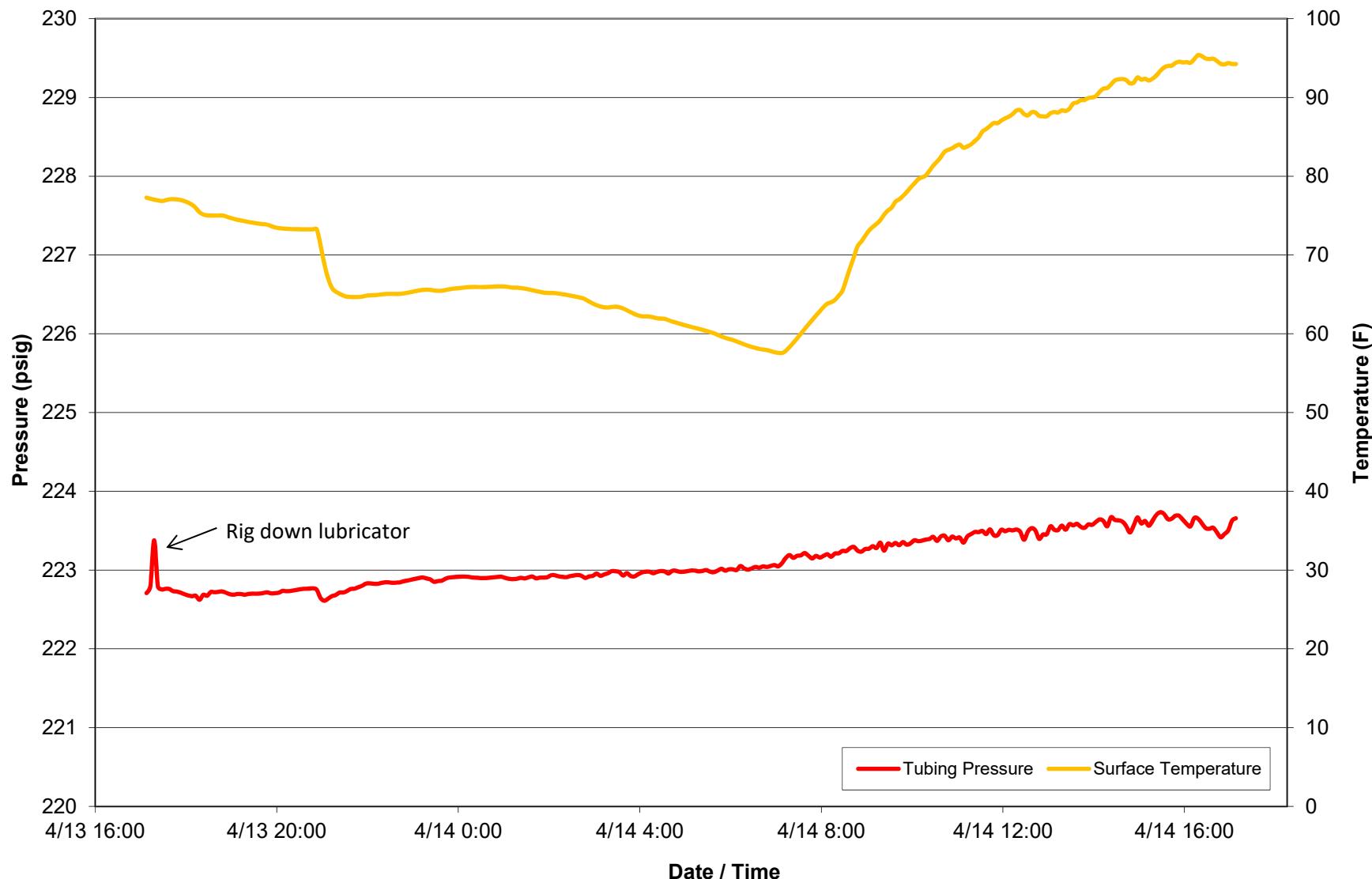
Eagle US 2, LLC, PPG Well No. 007B - MIT Injection Pressures



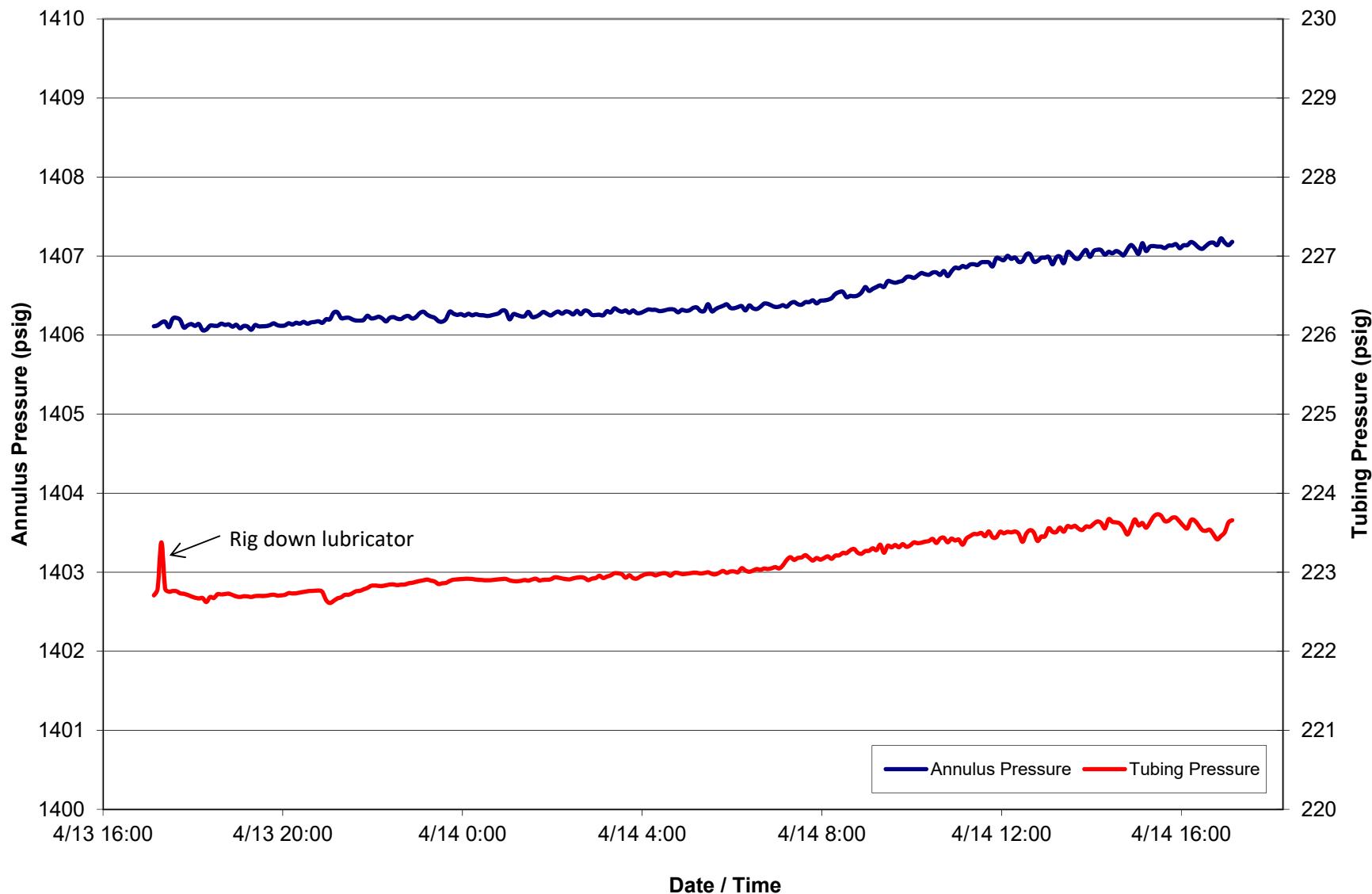
Eagle US 2, LLC, PPG Well No. 007B - MIT
Annulus Test Pressure



Eagle US 2, LLC, PPG Well No. 007B - MIT
Tubing Test Pressure



Eagle US 2, LLC, PPG Well No. 007B - MIT
Annulus vs. Tubing Pressure



Appendix F – Well Logs



MECHANICAL INTEGRITY TEST

Company	EAGLE US 2, LLC		
Well	PPG #007-B		
Field	SULPHUR MINES		
Parish	CALCASIEU		
Location:	API # :		
Date	SEC	TWP	RGE
Run Number	12-APRIL-22	13-APRIL-22	14-APRIL-22
Depth Driller	ONE	TWO	THREE
Depth Logger	3,142'	3,142'	3,142'
Bottom Logged Interval	NOT TAGGED	NOT TAGGED	NOT TAGGED
Top Log Interval	SURFACE	SURFACE	SURFACE
Open Hole Size	N/A	N/A	N/A
Type Fluid	N2/OIL/BRINE	N2/OIL/BRINE	N2/OIL/BRINE
Density / Viscosity	N/A	N/A	N/A
Max. Recorded Temp.	N/A	119.4° F	120.1° F
Estimated Cement Top	N/A	N/A	N/A
Time Well Ready	08:00	16:15	16:15
Time Logger on Bottom	09:00	17:05	17:05
Equipment Number	105	105	105
Location	ROSHARON, TX	ROSHARON, TX	ROSHARON, TX
Recorded By	WAYNE DEAN	WAYNE DEAN	WAYNE DEAN
Witnessed By	NATHAN POPE	NATHAN POPE	NATHAN POPE
Borehole Record		Tubing Record	
Run Number	Bit	From	To
Casing Record	Size	Wgt/Ft	Top
Surface String	7-5/8"	26.47#	SURFACE
Prot. String			2,501'
Production String			
Liner			
Hanging String	5-1/2"	15.5#	SURFACE
			2,608'

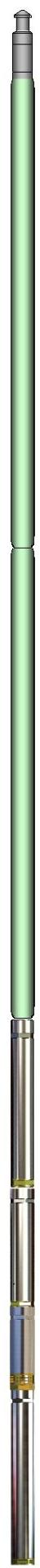
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Contractor does not warrant the accuracy of log data, including but not limited to the accuracy of log data transmitted by electronic process, and Contractor shall have no liability for the accidental or intentional interception of such data by third parties. In making any interpretation of logs, Contractor's personnel will give Operator the benefit of their judgment as to the correct interpretation, however, Contractor disclaims any warranty or guarantee of interpretations of data provided by Contractor's personnel; these are opinions only and Operator assumes full responsibility for the use of such opinions. Under no circumstances should any interpretation or recommendation of Contractor's personnel be relied upon as any part of the basis for any drilling, completion, well treatment or production decision or any procedure including any risk to the safety of any drilling venture, drilling contractor or its crew or any other individual, except as is otherwise expressly provided pursuant to the terms of the contract, contractor makes no warranty of any kind, express or implied (including, without limitation, implied warranties of merchantability or fitness for a particular purpose), regarding the equipment, goods and services it furnishes hereunder.

Comments

LOG MEASURED FROM BHF
CORRELATED TO 7-5/8" CASING SHOE @ 2,501'
WELL HEAD CONNECTION: 4-1/2" EUE

INITIALIZATION_13-APRIL-22_INTERFACE @ 2,505'
FINALIZATION_14-APRIL-22_INTERFACE @ 2,505'

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable_Heads-1_44Titan_CableHead 1 7/16" Titan Cable Head (Max Tension 42,000 lbf) 1" Fish Neck	1.03	1.44	3.60
			7' Weight Bar-1 11/16" Tungsten-Filled Wt. Bar 1 11/16" Tungsten-Filled Weight Bar 7'	7.00	1.69	84.00
			7' Weight Bar-1 11/16" Tungsten-Filled Wt. Bar 1 11/16" Tungsten-Filled Weight Bar 7'	7.00	1.69	84.00
			TCU-002 (002809) HWS Telemetry Control Unit	2.52	1.69	7.80
TCUTEMP	5.61					
TCUVOLT	5.61					
QP	4.19					
QTMP	4.19		HWS_QPT-001 (002818) HWS Quartz Pressure Tool	1.77	1.69	9.40
TEMP	2.75		HWS_FRT-001 (004072) HWS Fast ResponseTemperature	1.24	1.69	6.00
GCL_CCL	1.97		HWS_GCL-001 (002752) HWS Gamma Ray Collar Locator (1.6875")	2.60	1.69	13.40
GCL_GR	0.50					

Dataset: westlake_7b_mit_11-april-22.db: field/well/FINALIZATION/OVERLAY
 Total length: 23.17 ft
 Total weight: 208.20 lb

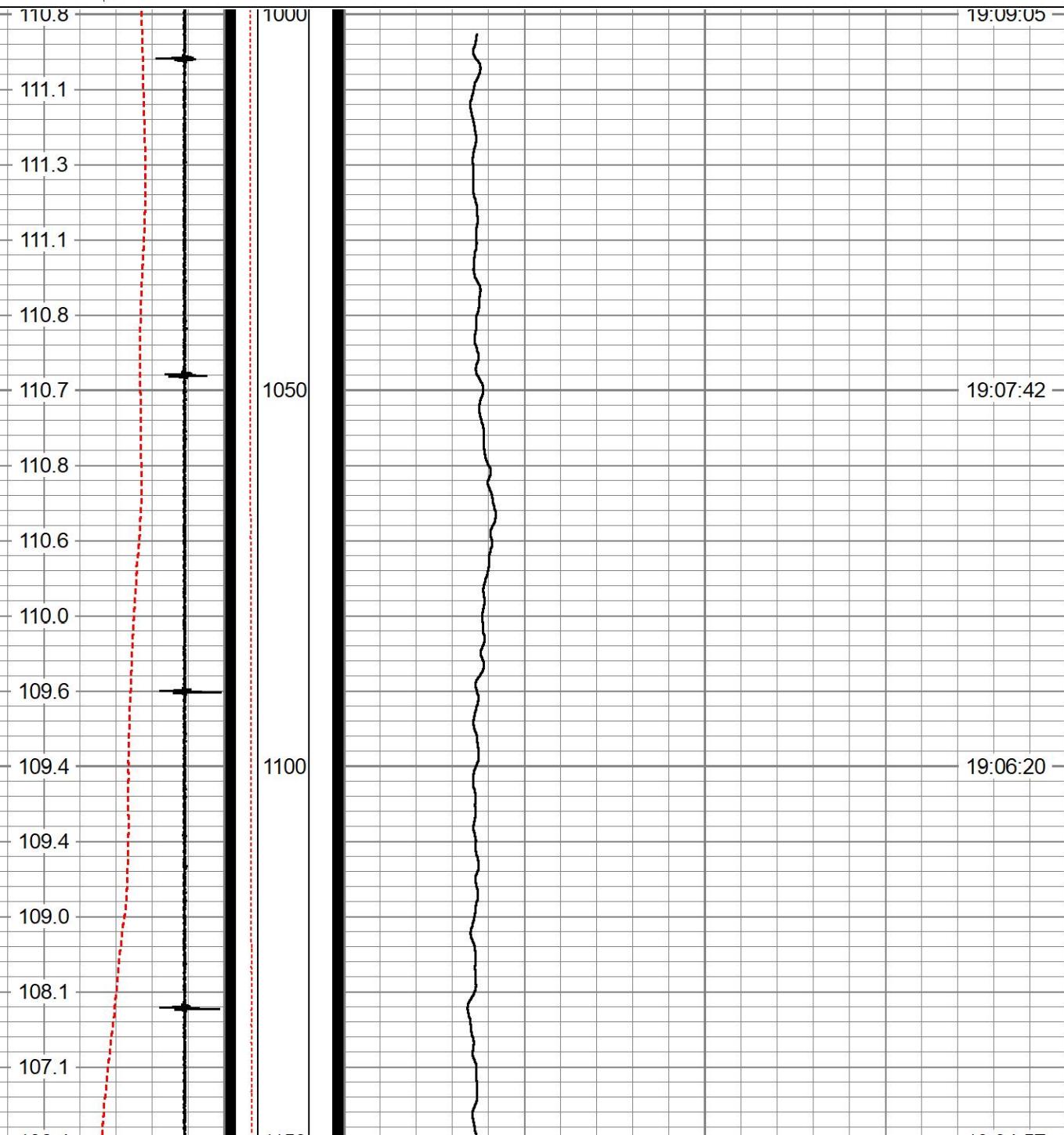


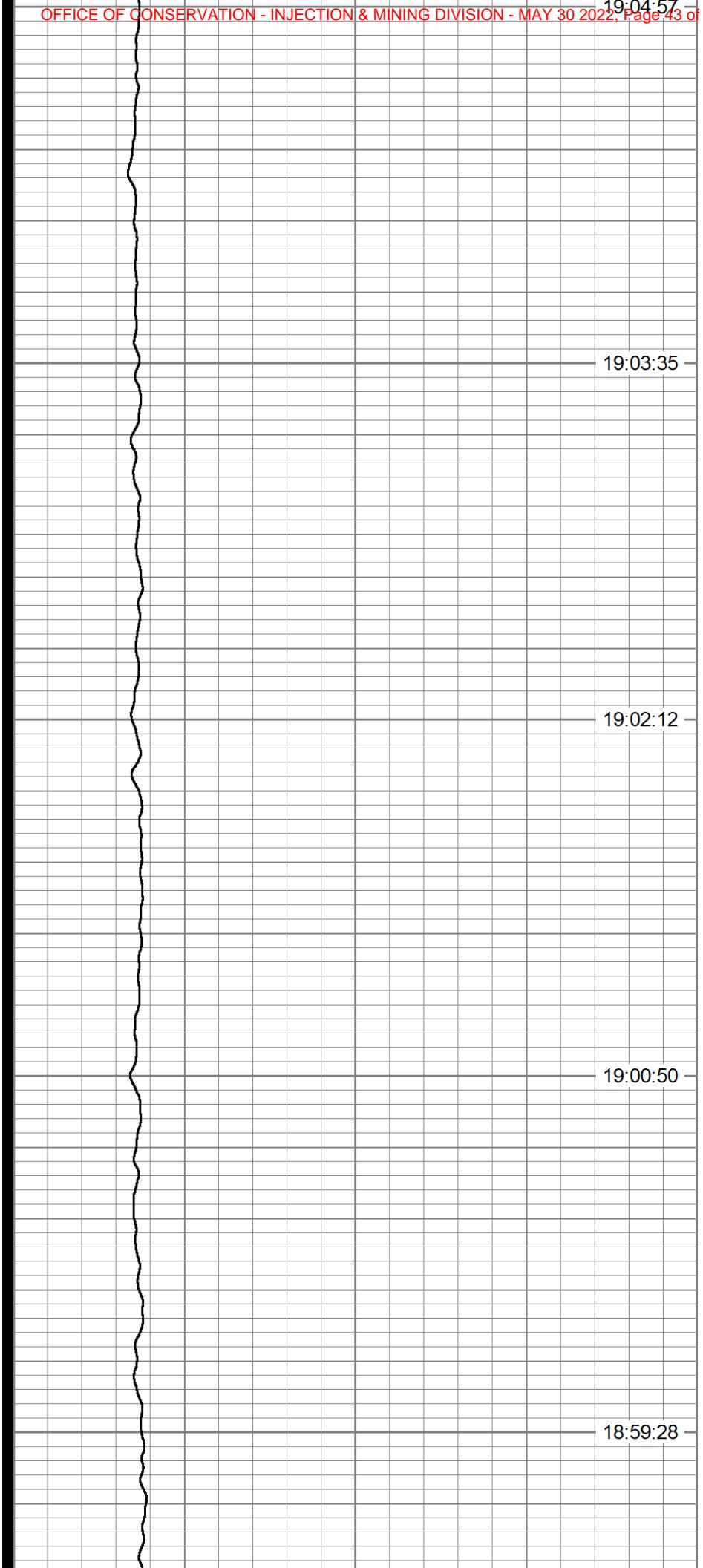
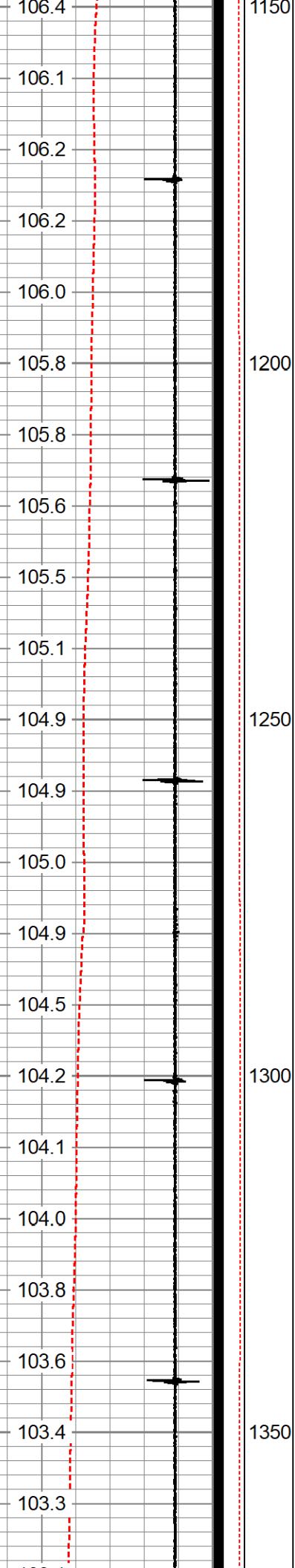
BASE DENSITY LOG

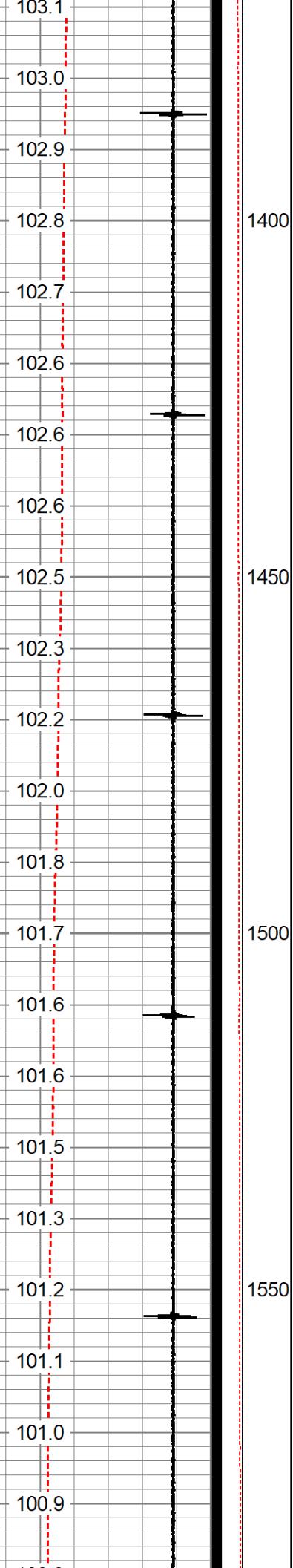
11-APRIL-22

Database File westlake_7b_mit_11-april-22.db
Dataset Pathname base/DENSITY
Presentation Format hws_lonquist_density
Dataset Creation Mon Apr 11 18:23:50 2022
Charted by Depth in Feet scaled 1:240

10000	CCL	1200	LTEN	0	DENSITY (GAPI)	5000
0	TEMP (degF)	40	0	(lb1500)		TOD (sec)







1400

1450

1500

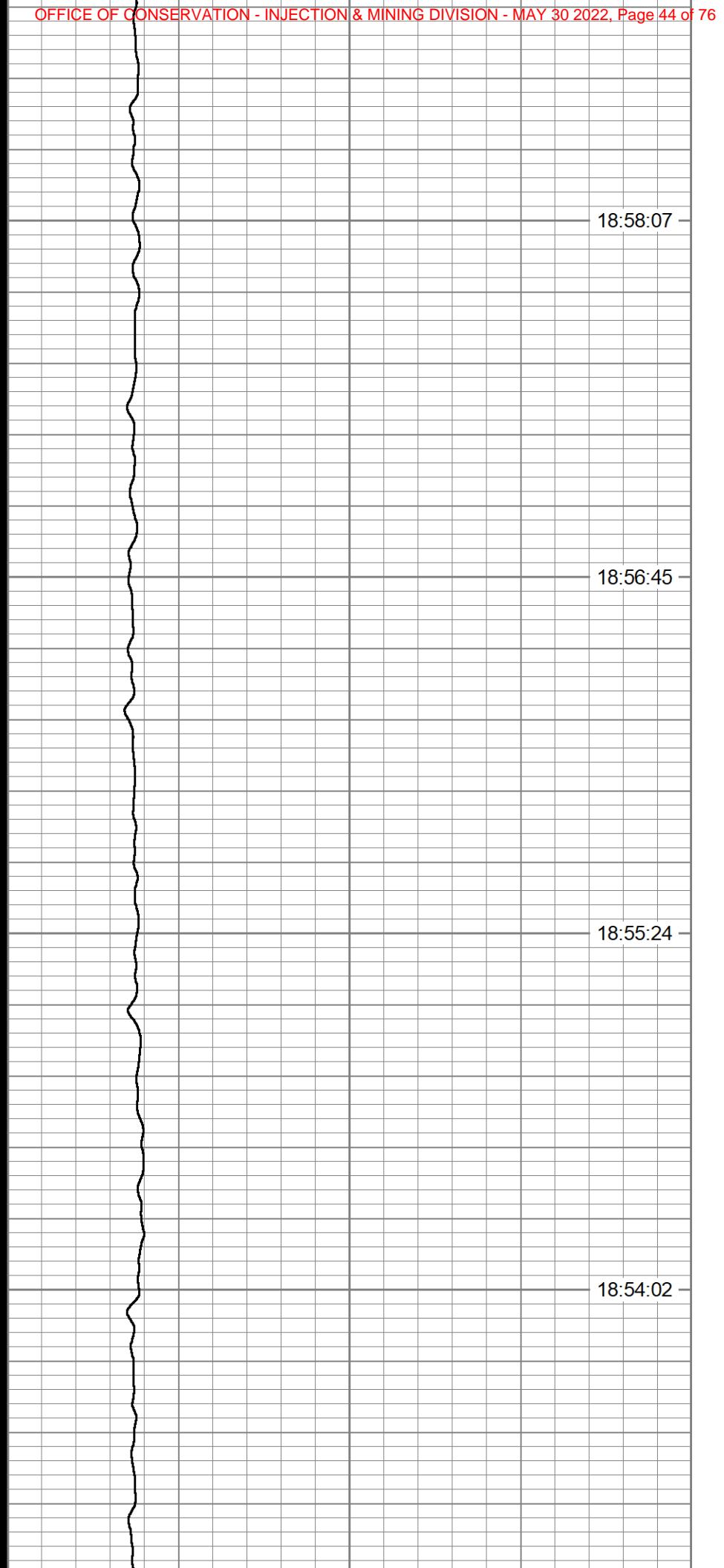
1550

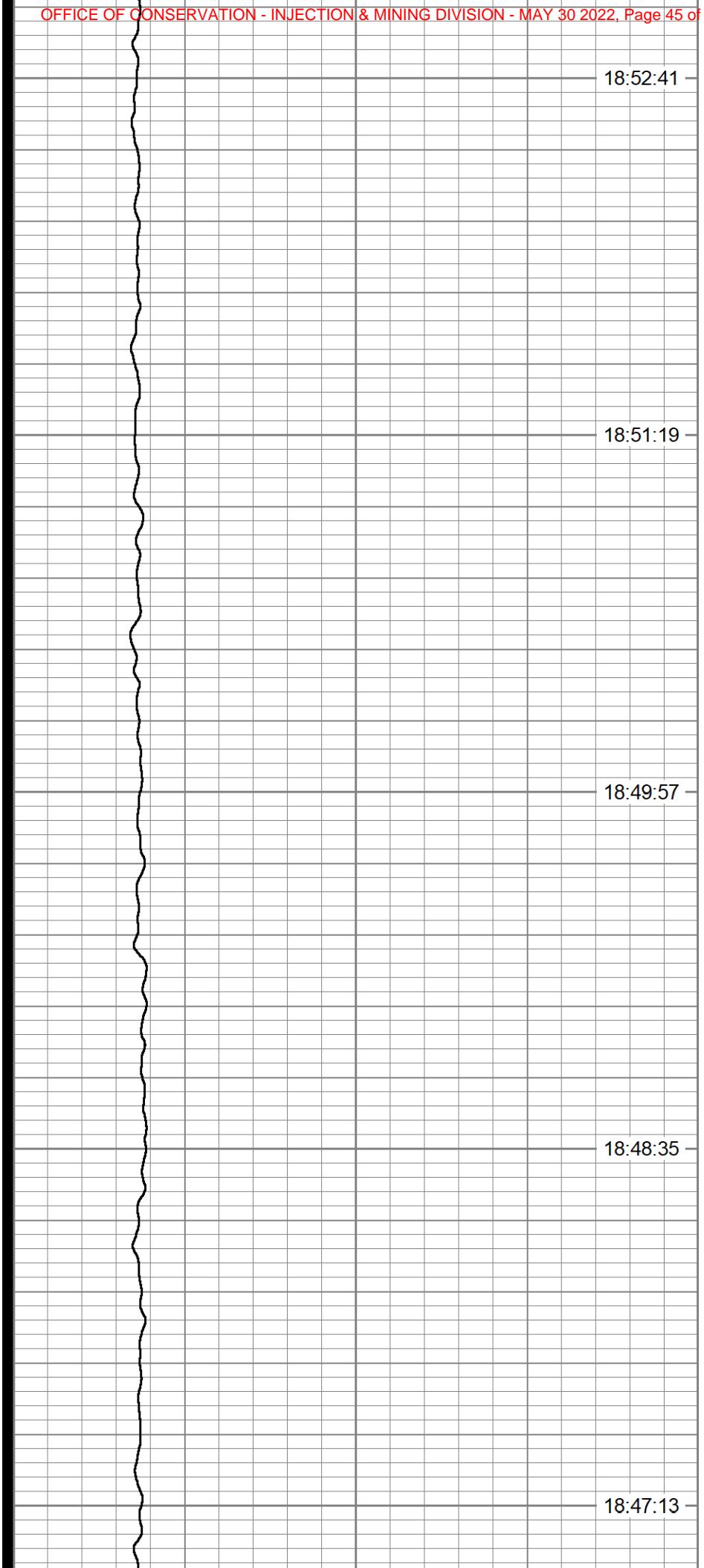
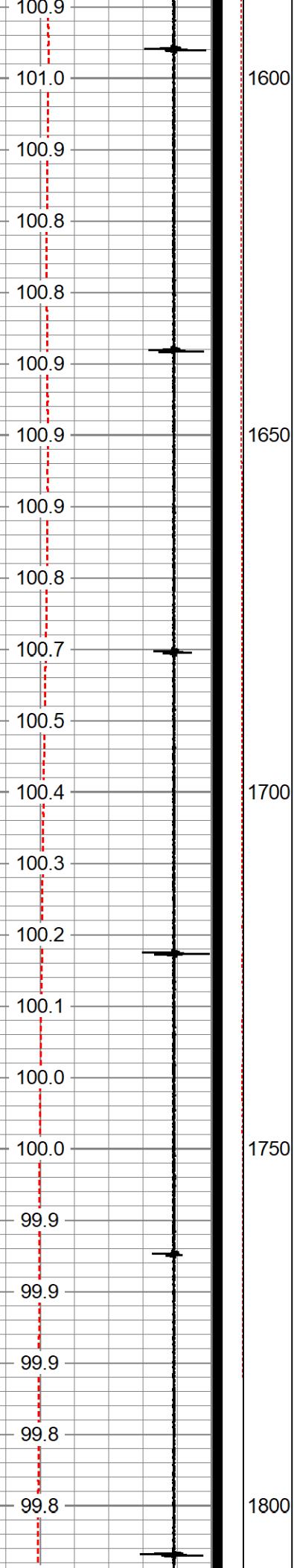
18:58:07

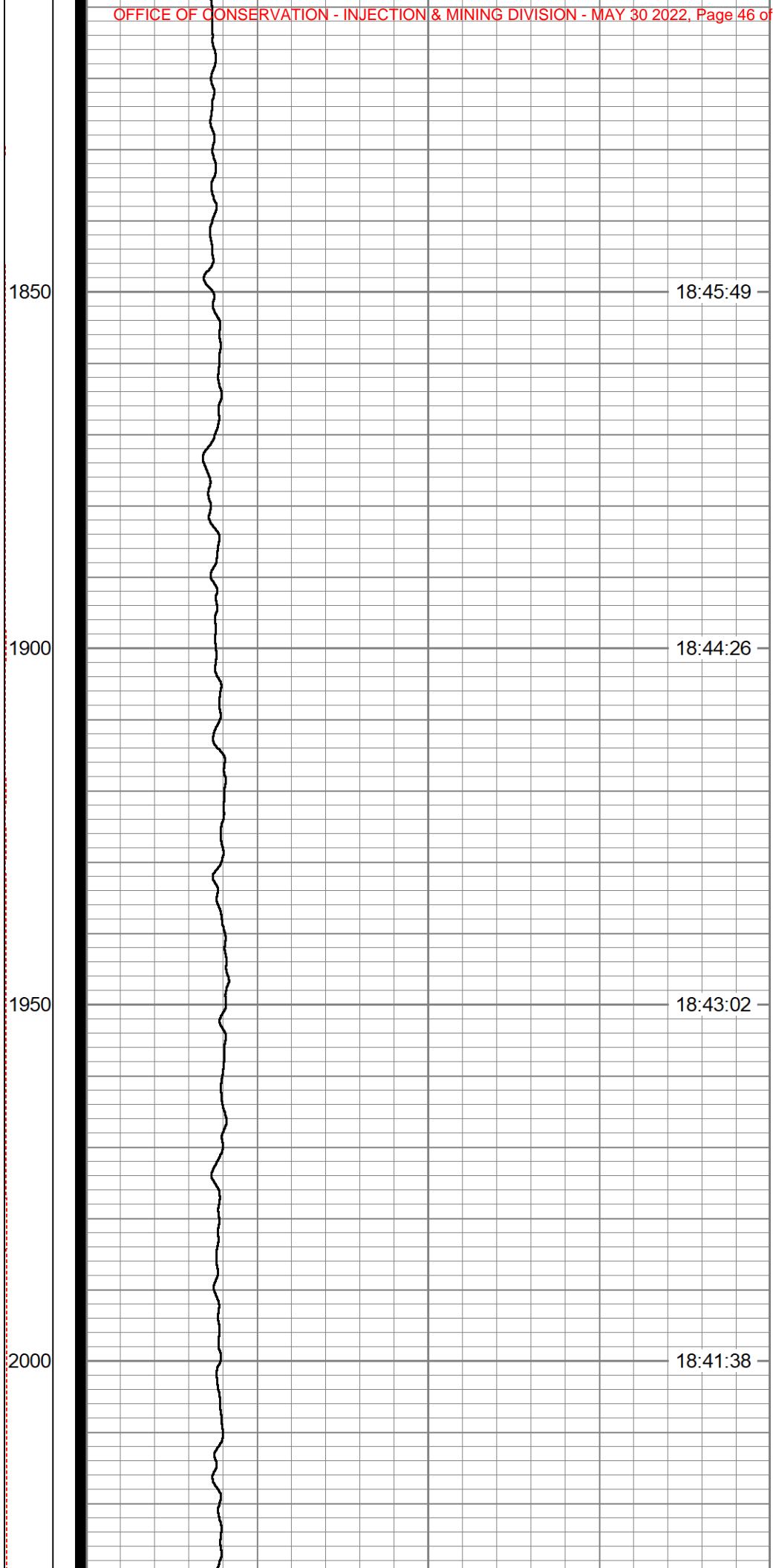
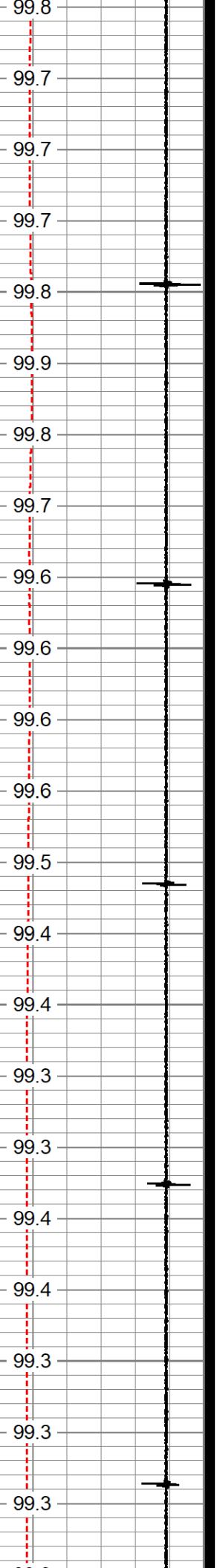
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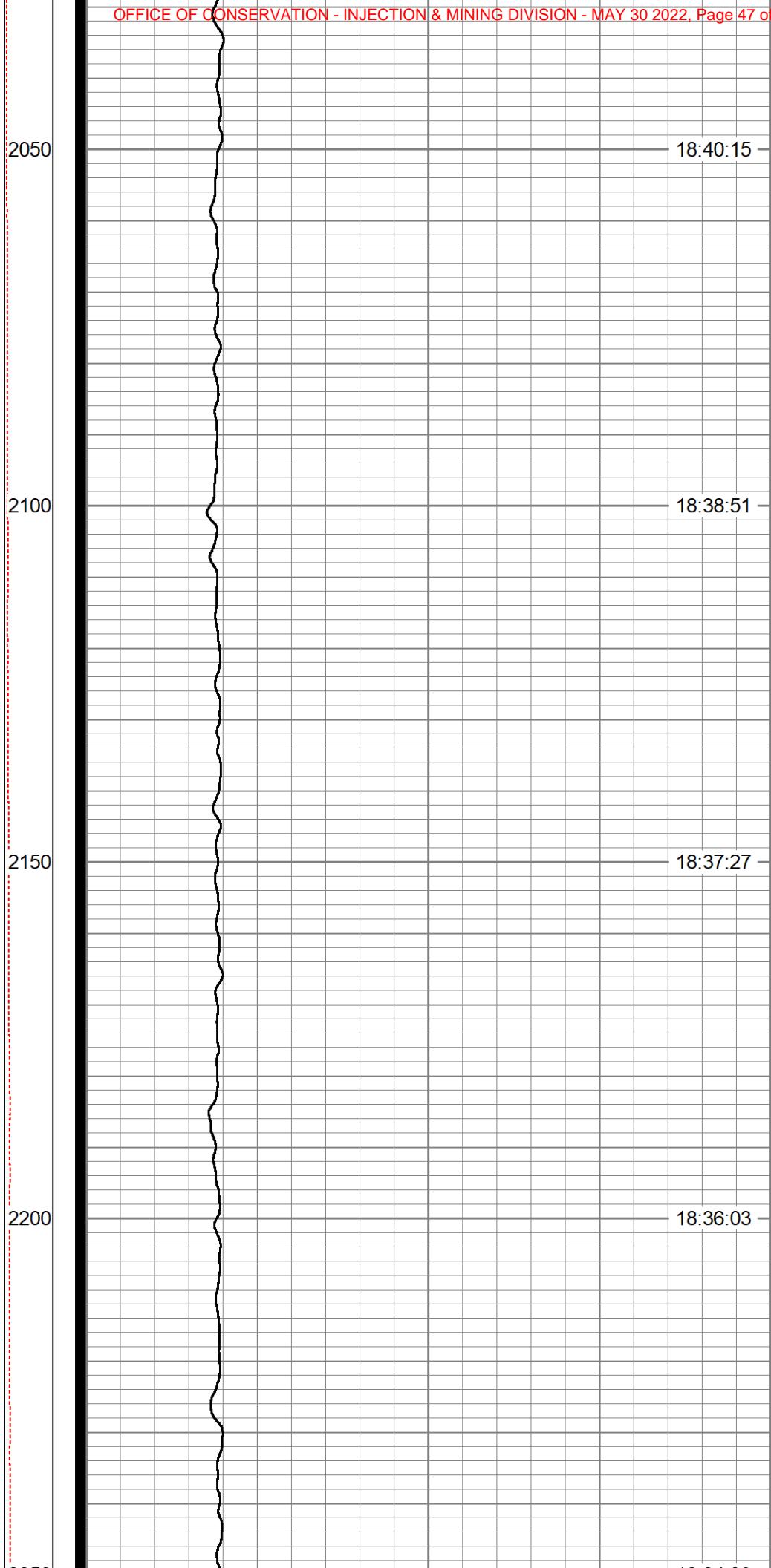
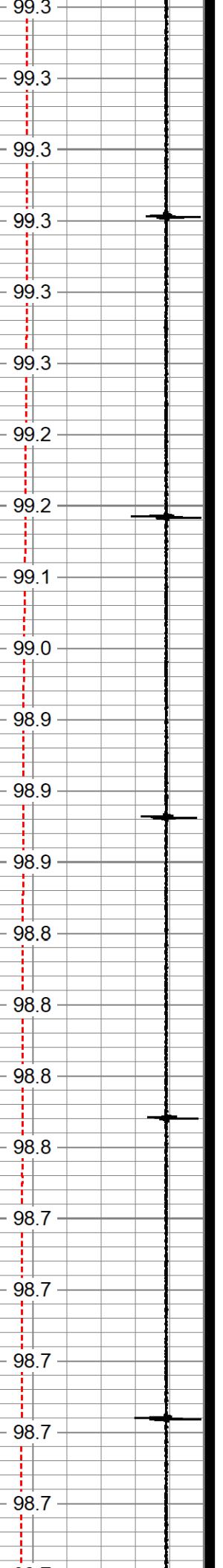
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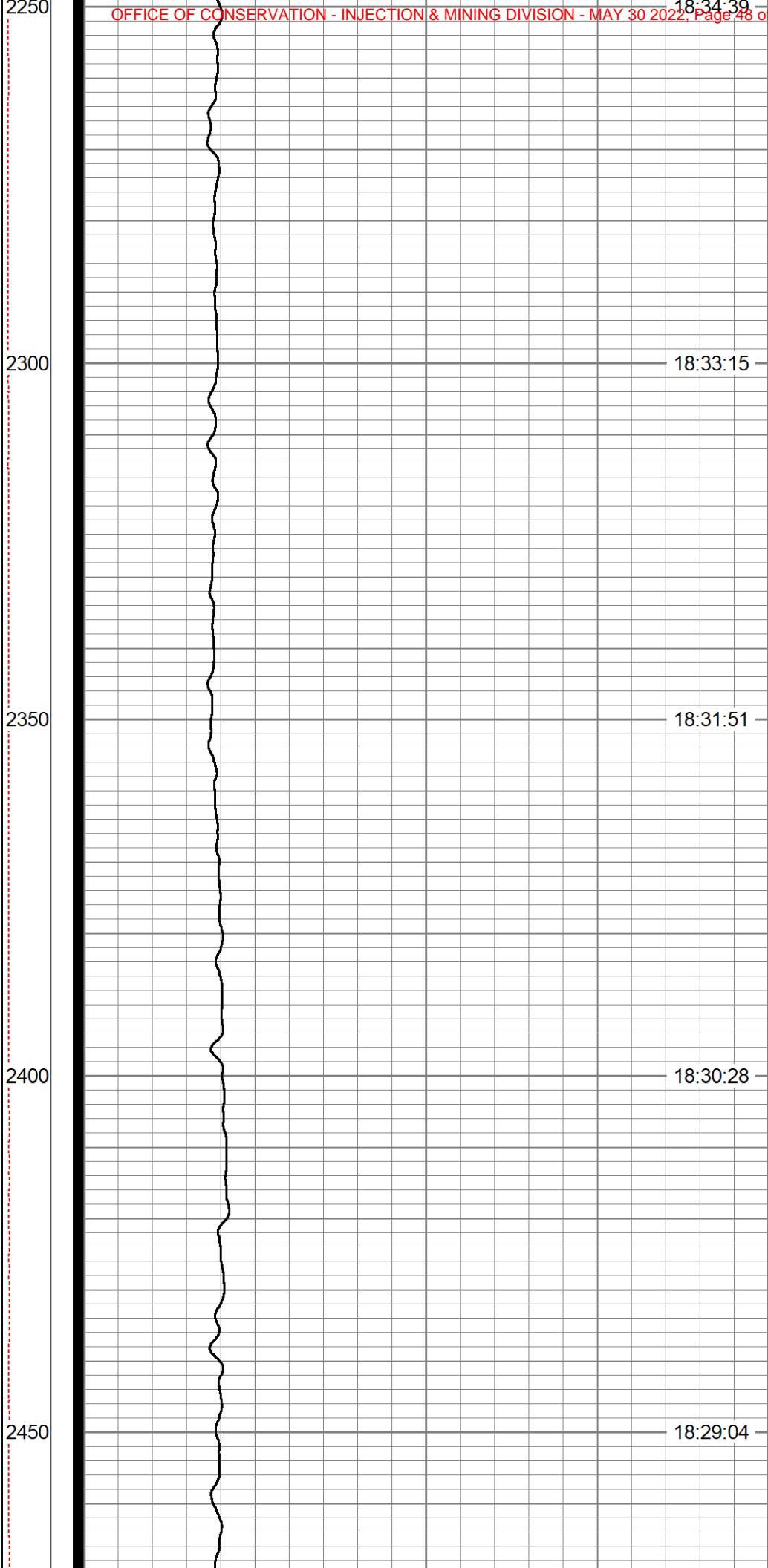
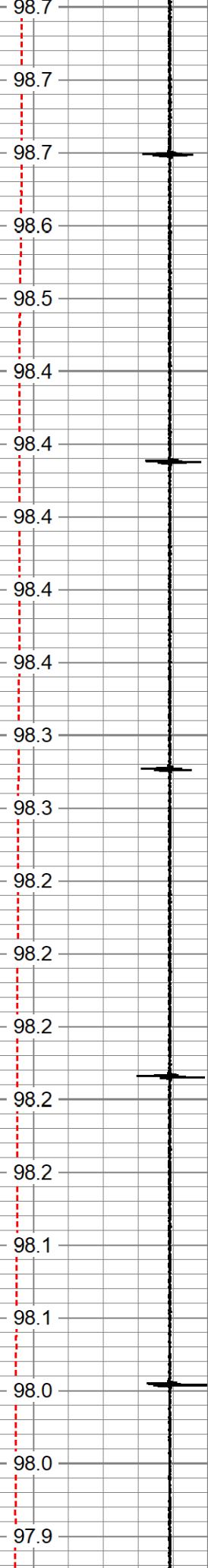
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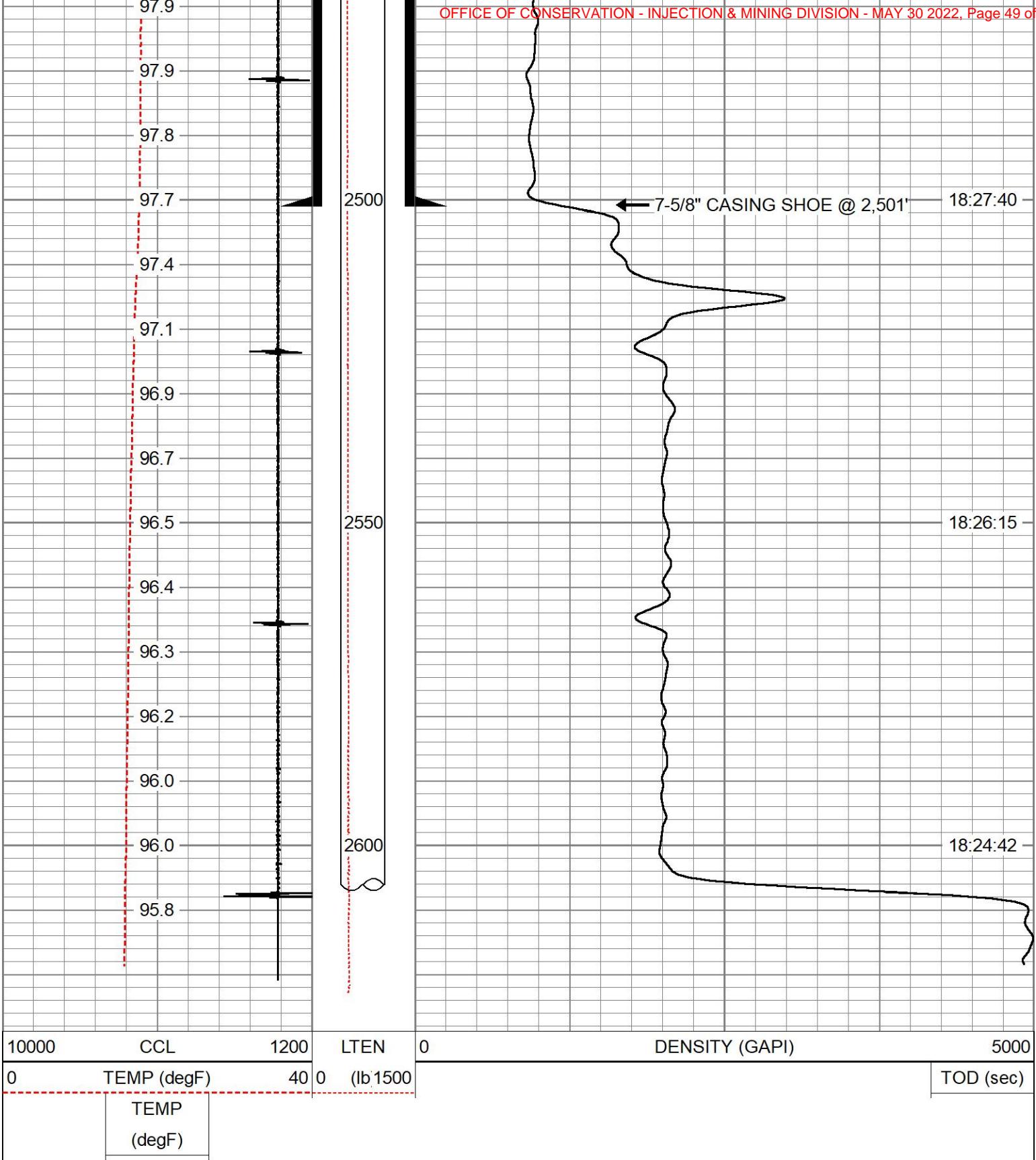












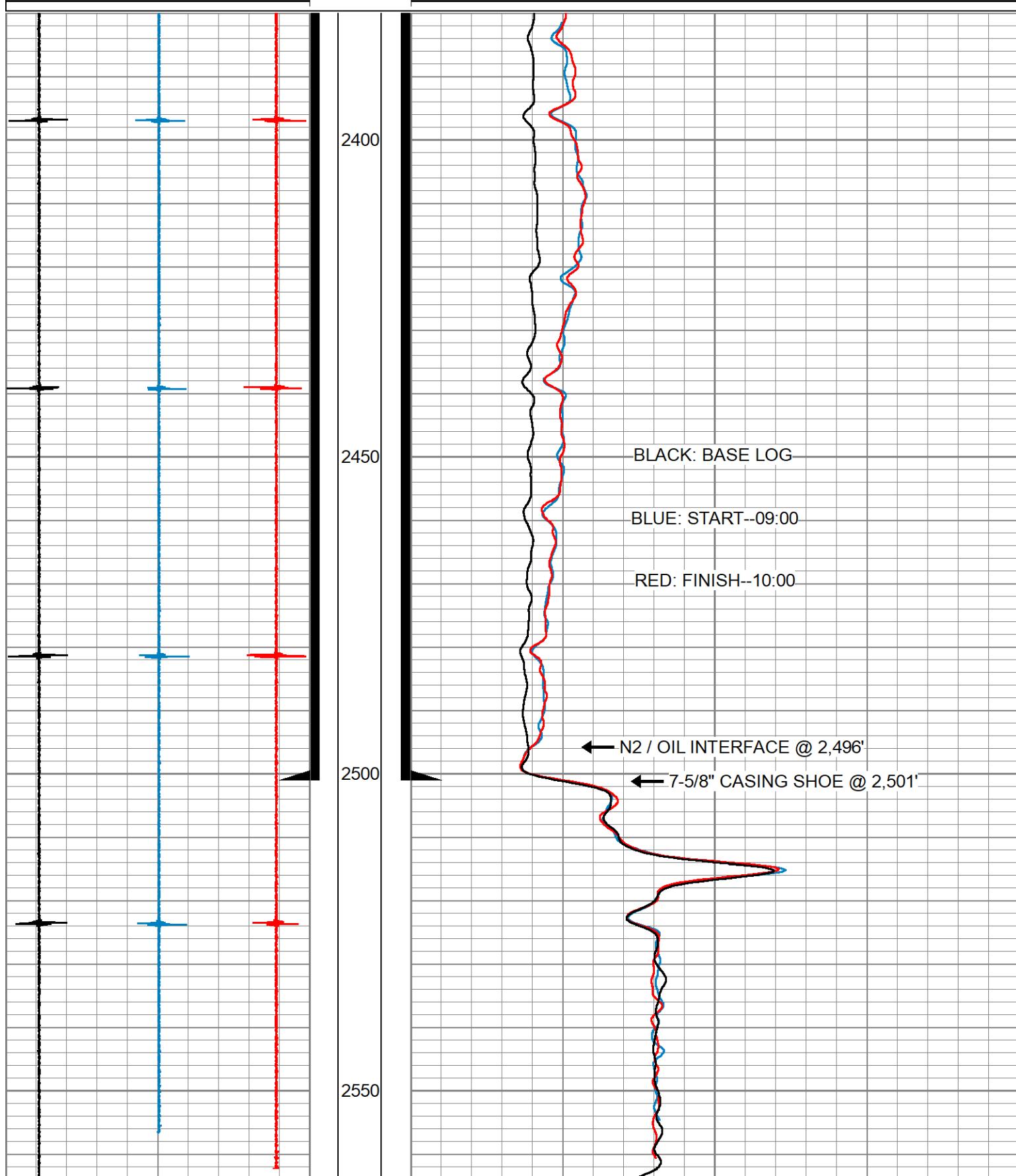
1 HOUR CASING TEST

START--09:00--INTERFACE @ 2,496'
FINISH--10:00--INTERFACE @ 2,496'

Database File westlake_7b_mit_11-april-22.db
 Dataset Pathname TEST2/OVERLAY
 Presentation Format hws_lonquist_density_casing_test
 Dataset Creation Tue Apr 12 10:11:14 2022

6600	GCL_CCL1-START	-2200
10000	GCL_CCL2-FINISH	1200
1200	GCL_CCL-BASE	10000

0	DENSITY-START (GAPI)	5000
0	DENSITY-FINISH (GAPI)	5000
0	DENSITY-BASE (GAPI)	5000



6600	GCL_CCL1-START	-2200
10000	GCL_CCL2-FINISH	1200
1200	GCL_CCL-BASE	10000

0	DENSITY-START (GAPI)	5000
0	DENSITY-FINISH (GAPI)	5000
0	DENSITY-BASE (GAPI)	5000

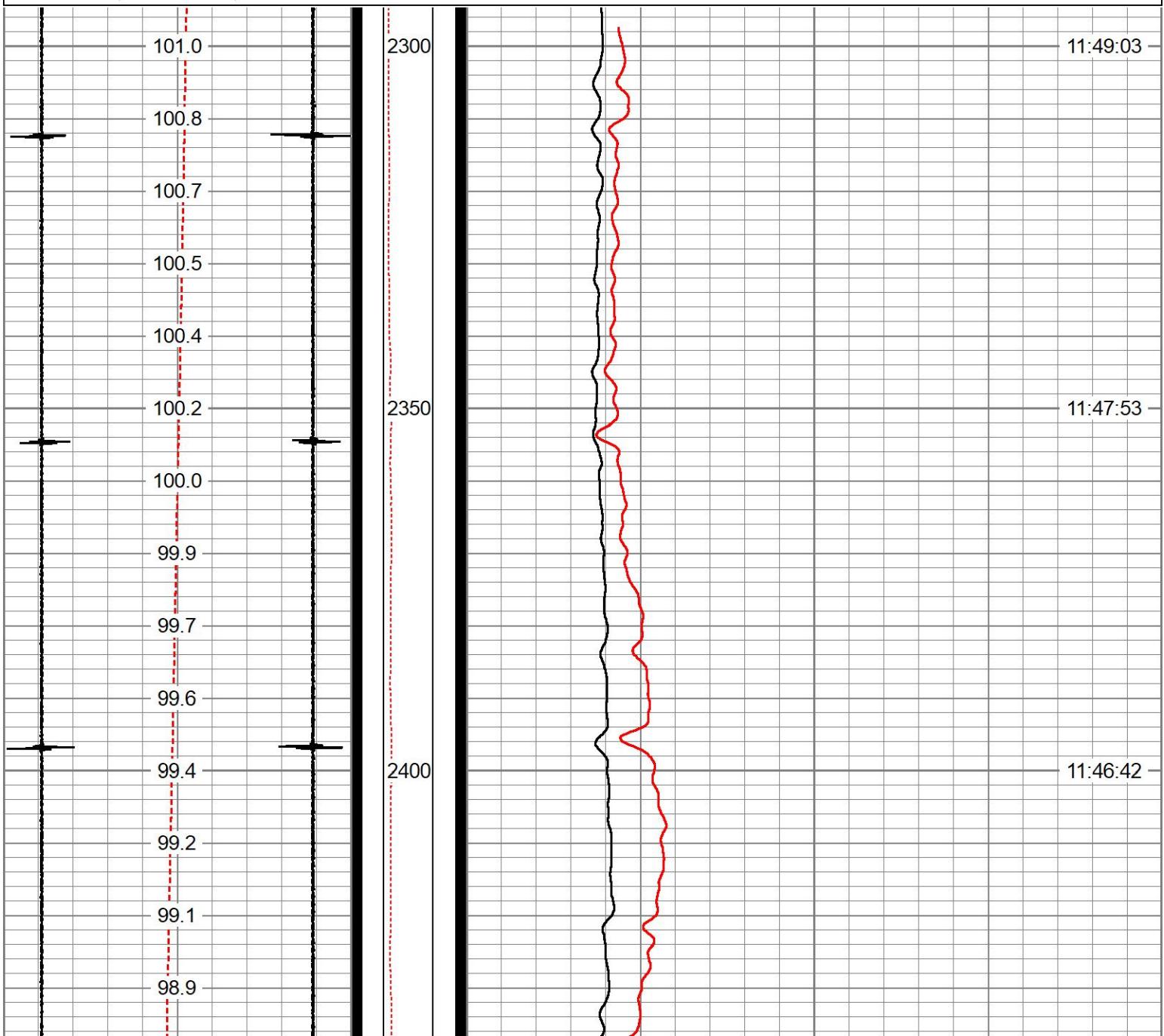


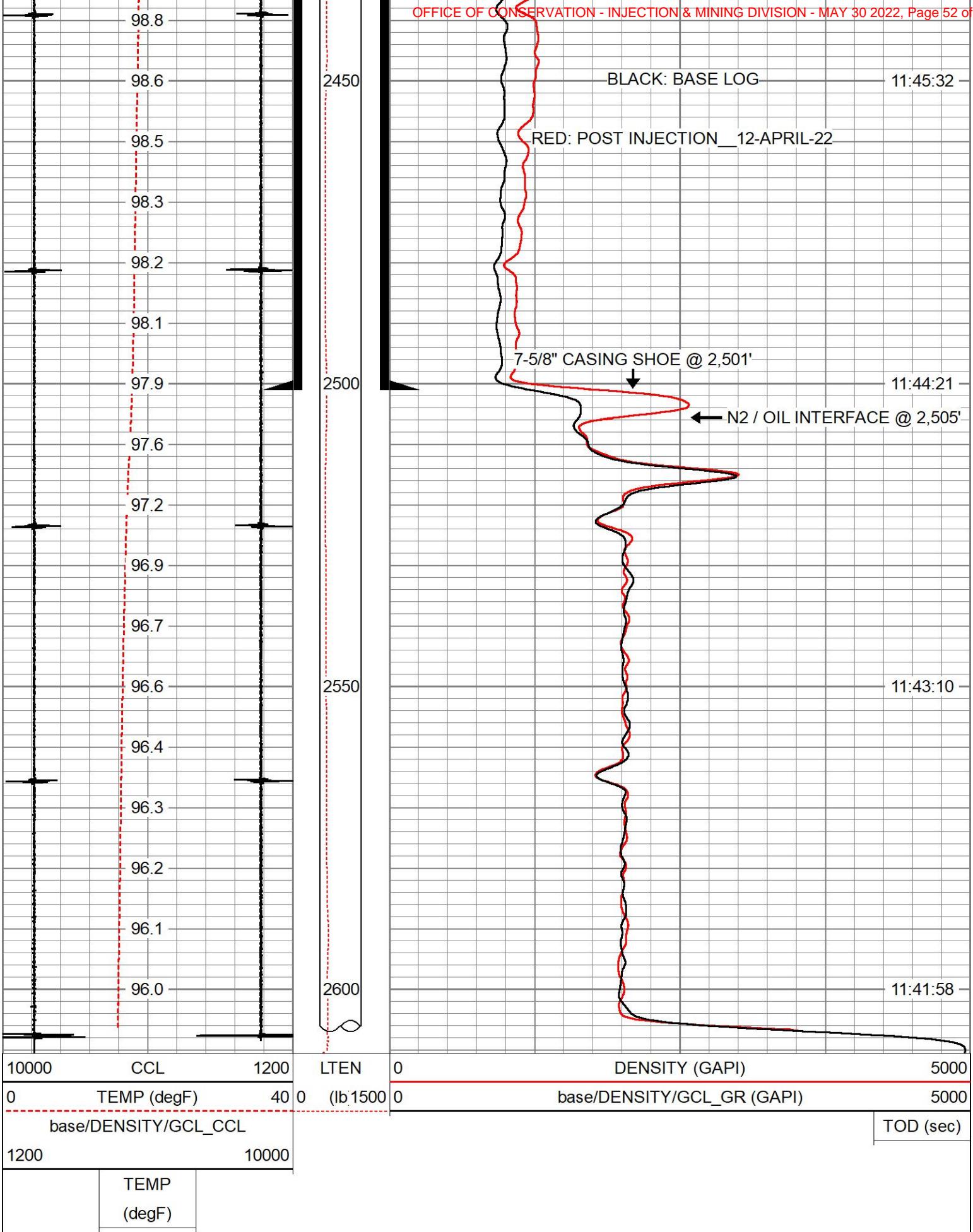
POST INJECTION LOG

N2 / OIL INTERFACE @ 2,505'
12-APRIL-22

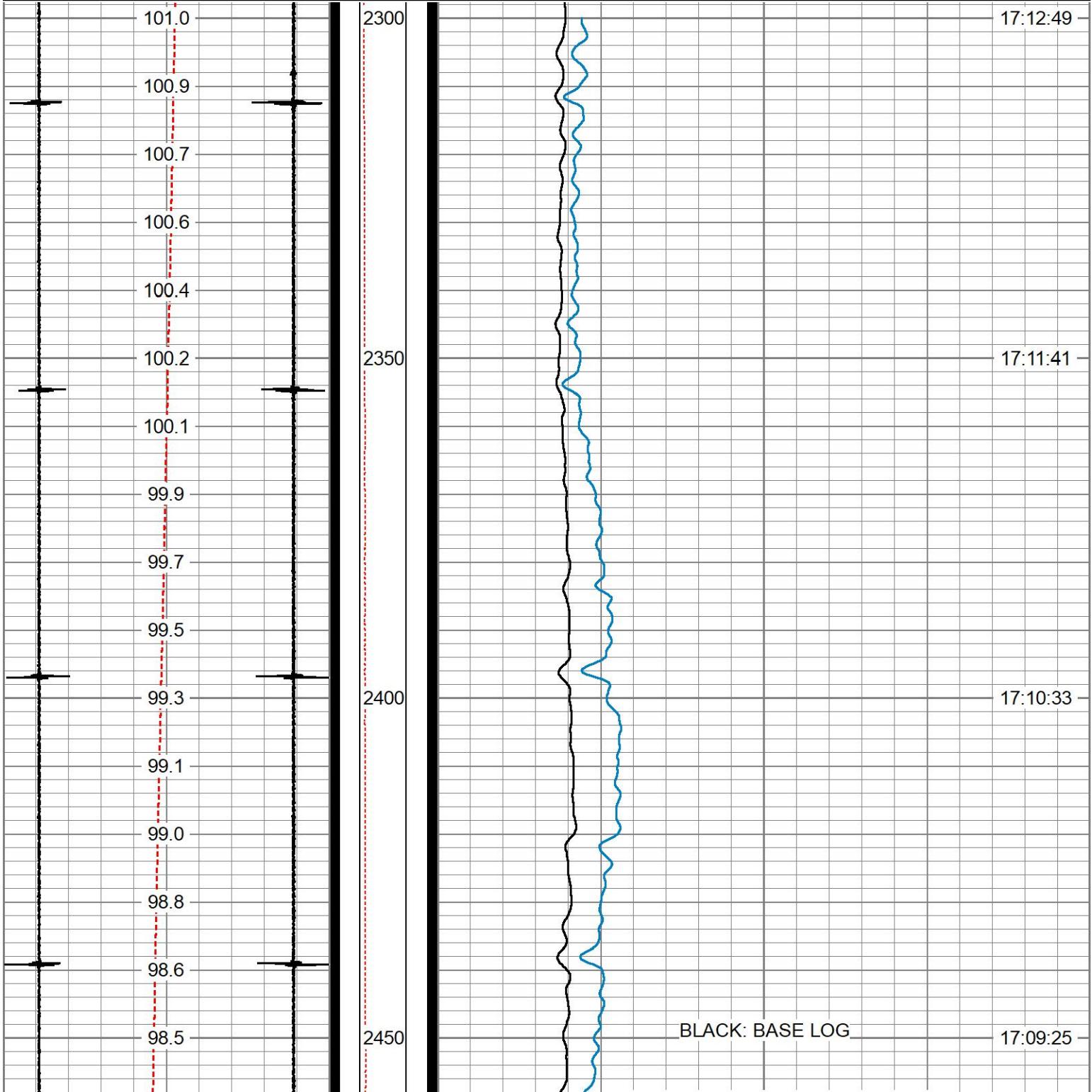
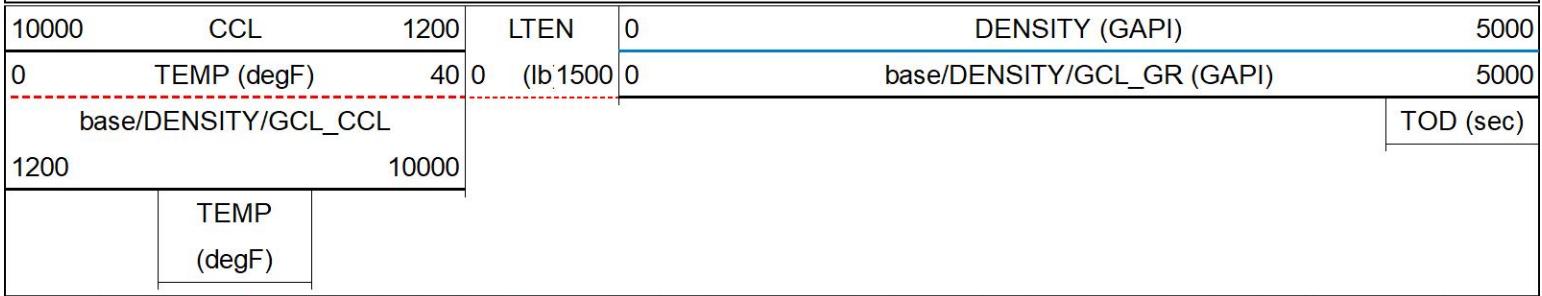
Database File westlake_7b_mit_11-april-22.db
 Dataset Pathname POST_INJECT/PASS4
 Presentation Format hws_lonquist_density
 Dataset Creation Tue Apr 12 11:41:41 2022
 Charted by Depth in Feet scaled 1:240

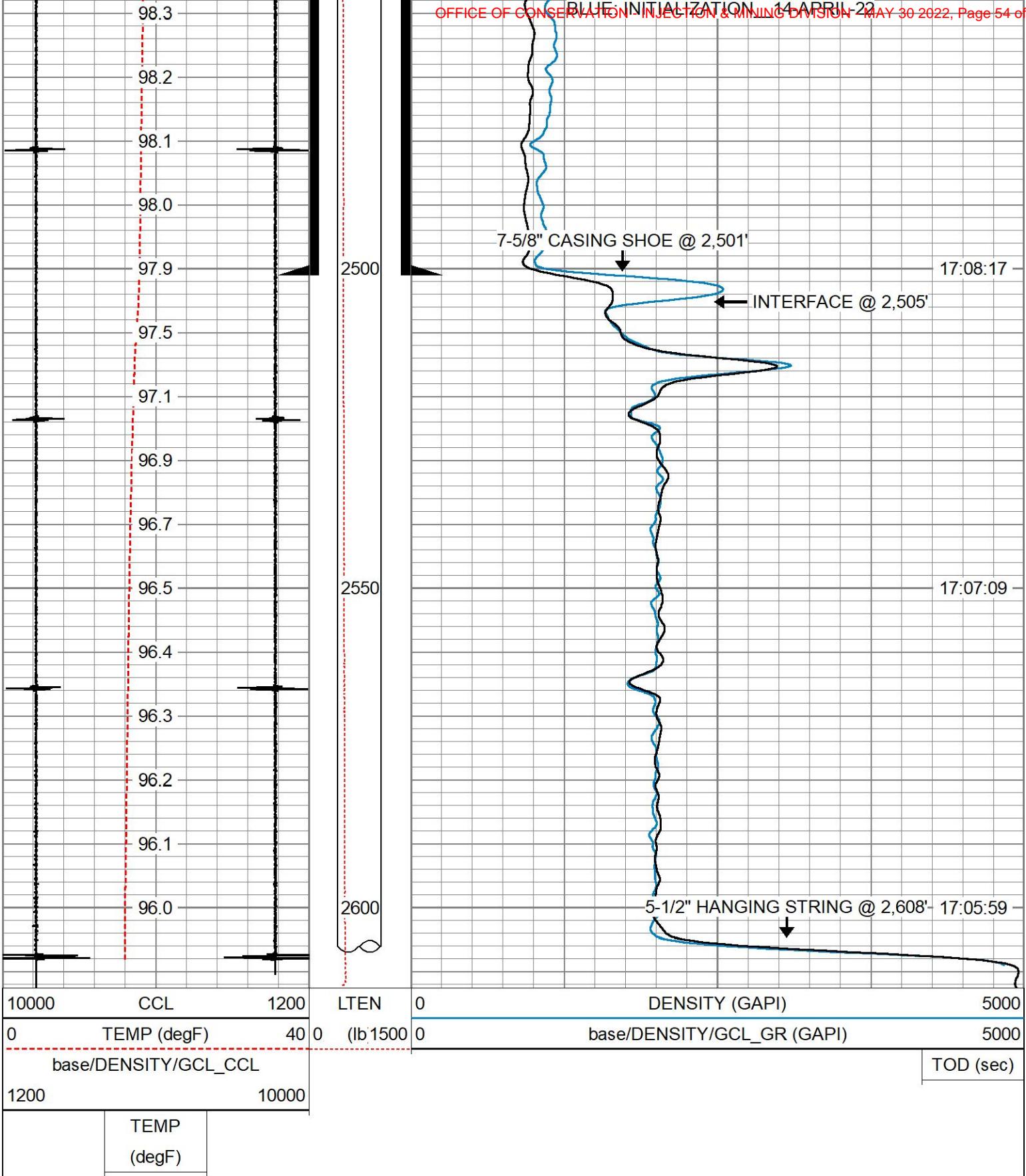
10000	CCL	1200	LTEN	0	DENSITY (GAPI)	5000
0	TEMP (degF)	40	0	(lb/1500)	base/DENSITY/GCL_GR (GAPI)	5000
<hr/>						TOD (sec)
base/DENSITY/GCL_CCL						
1200						10000
		TEMP (degF)				





Database File westlake_7b_mit_11-april-22.db
Dataset Pathname INITIALIZE/DENSITY
Presentation Format hws_lionquist_density
Dataset Creation Wed Apr 13 17:05:42 2022
Charted by Depth in Feet scaled 1:240

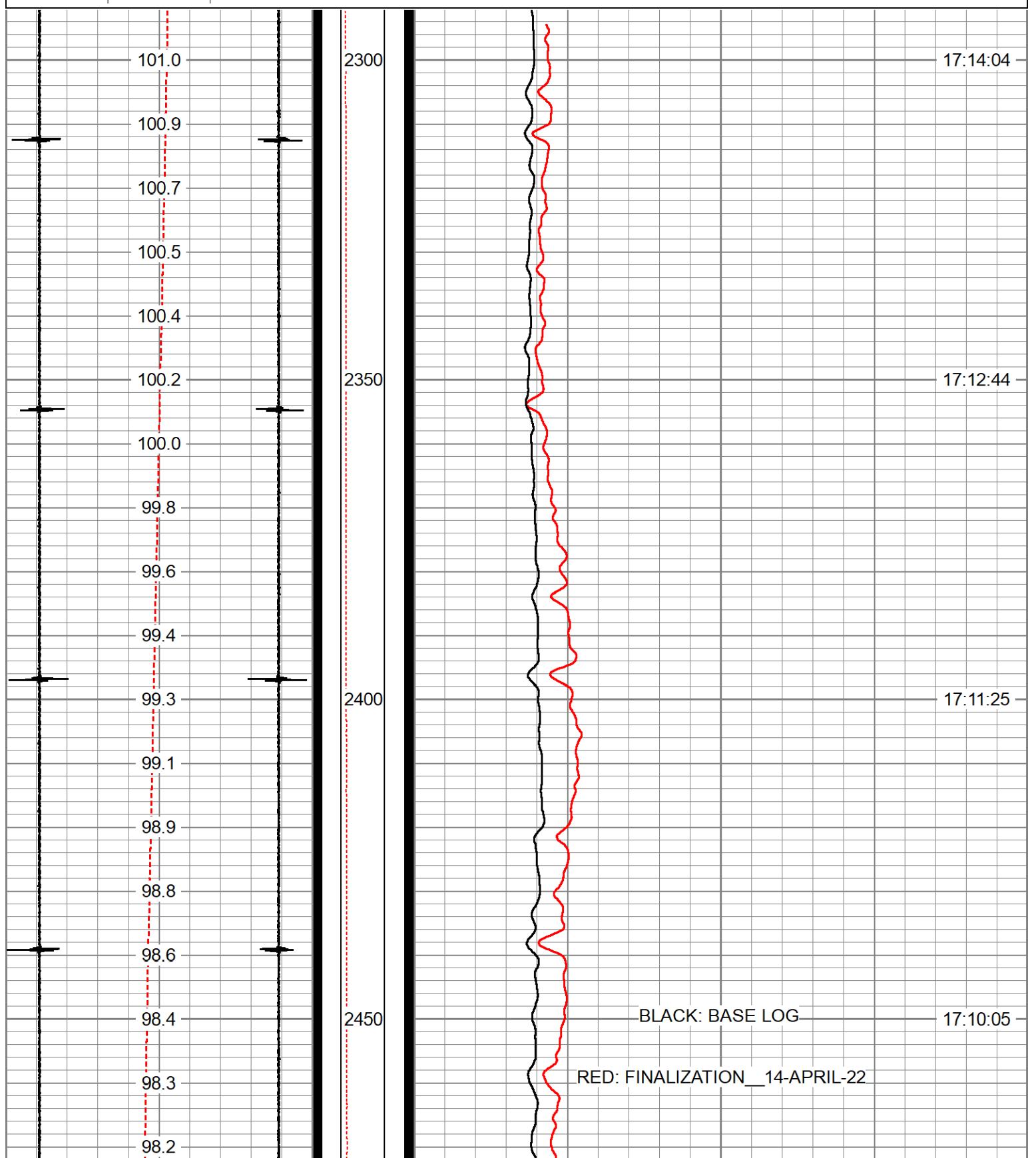


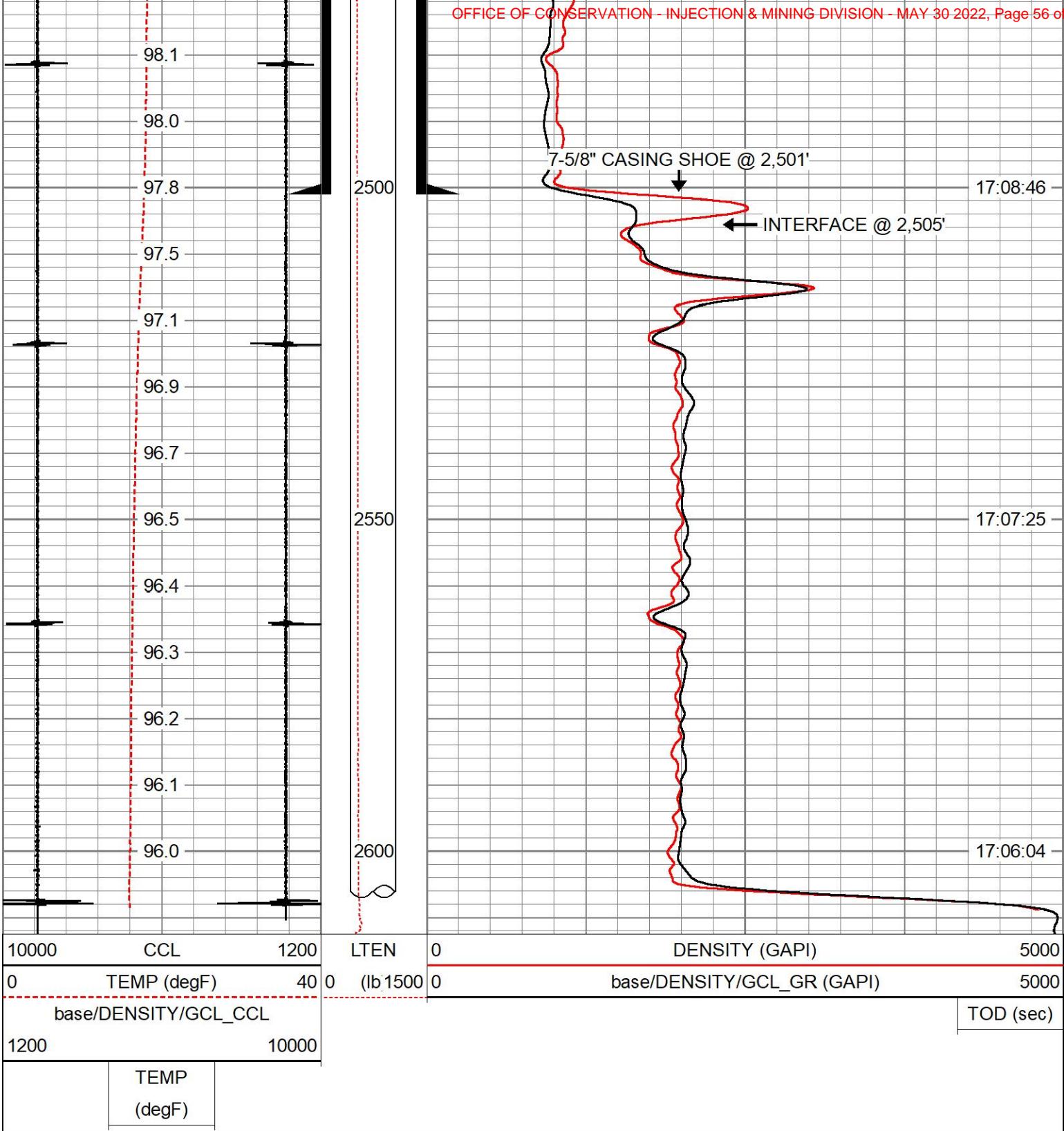


FINALIZATION LOG

N2 / OIL INTERFACE @ 2,505'
14-APRIL-22

10000	CCL	1200	LTEN	0	DENSITY (GAPI)	5000
0	TEMP (degF)	40	0	(lb/1500)	base/DENSITY/GCL_GR (GAPI)	5000
	base/DENSITY/GCL_CCL					TOD (sec)
1200		10000				
	TEMP (degF)					





INITIALIZATION / FINALIZATION OVERLAY

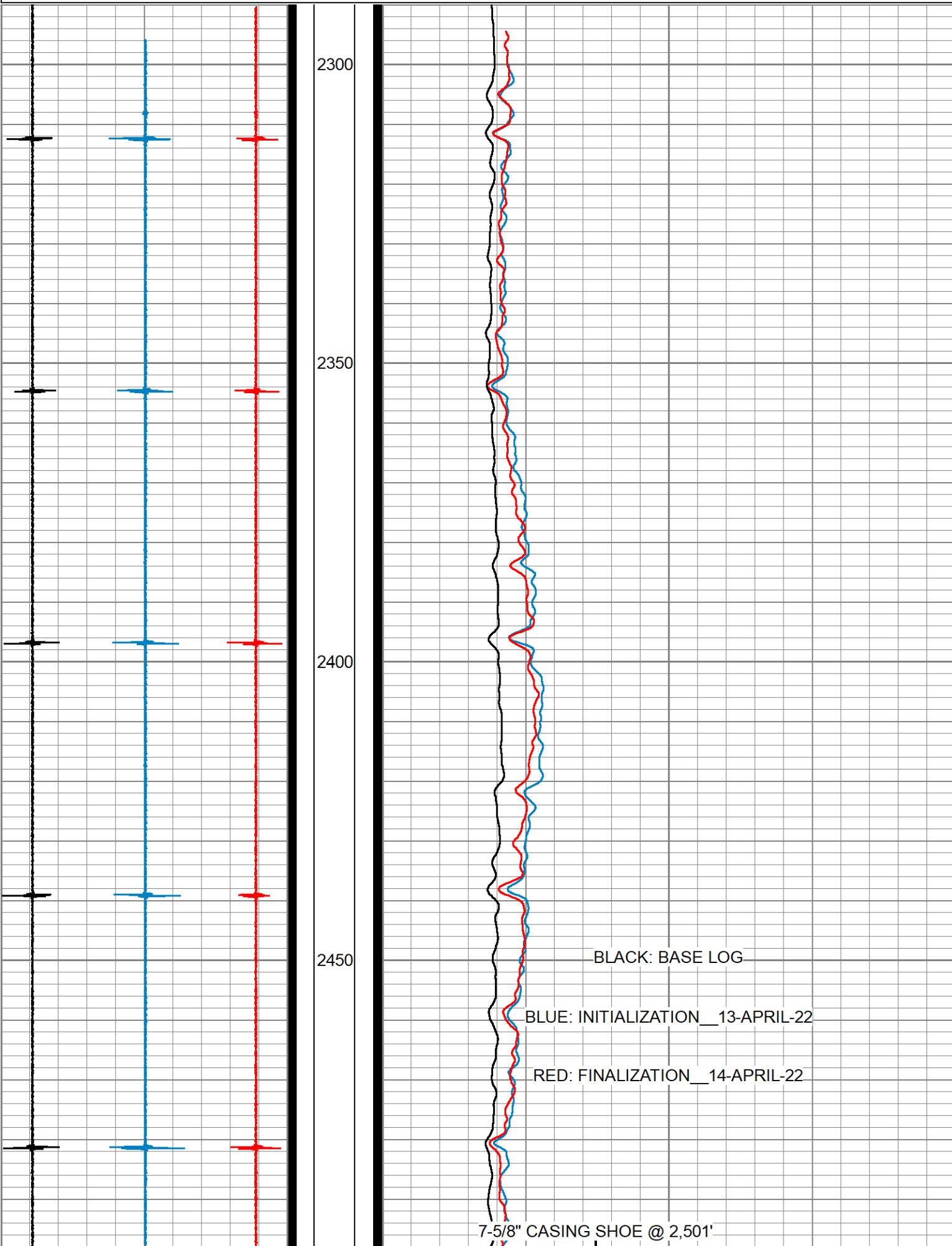
INITIALIZATION_13-APRIL-22_INTERFACE @ 2,505'
FINALIZATION_14-APRIL-22_INTERFACE @ 2,505'

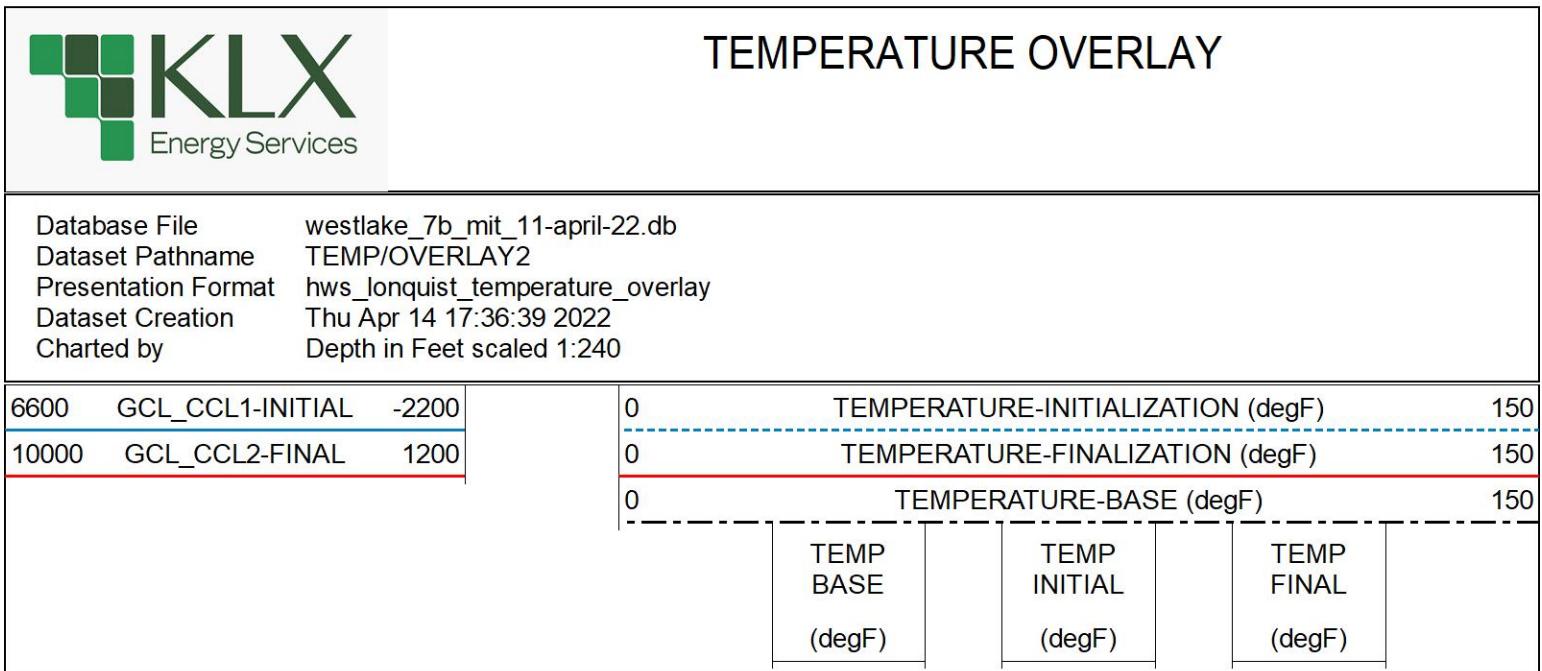
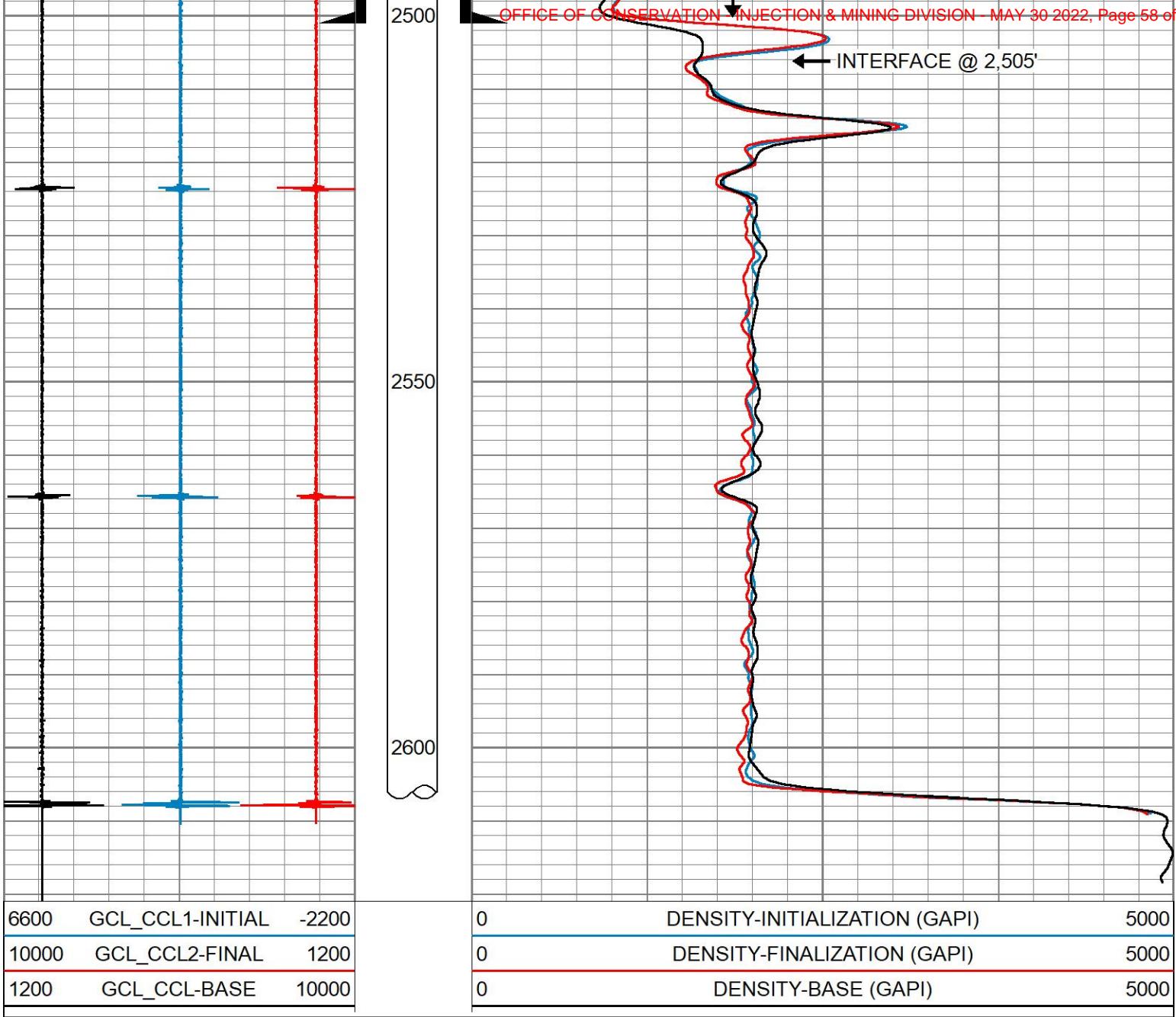
Database File: westlake_7b_mit_11-april-22.db
 Dataset Pathname: FINALIZATION/OVERLAY
 Presentation Format: hws_lonquist_density_mit_overlay
 Dataset Creation: Thu Apr 14 17:17:14 2022
 Charted by: Depth in Feet scaled 1:240

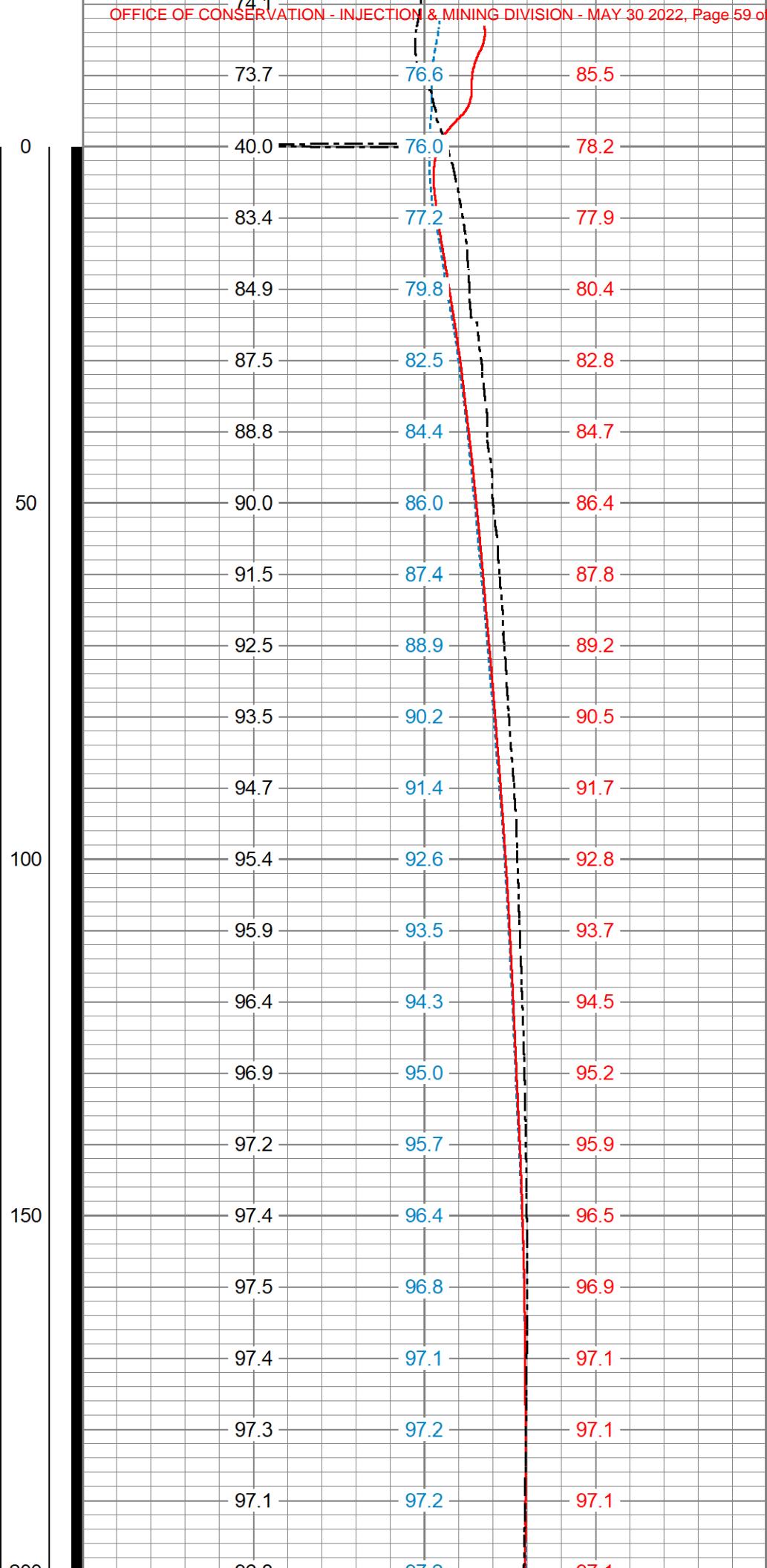


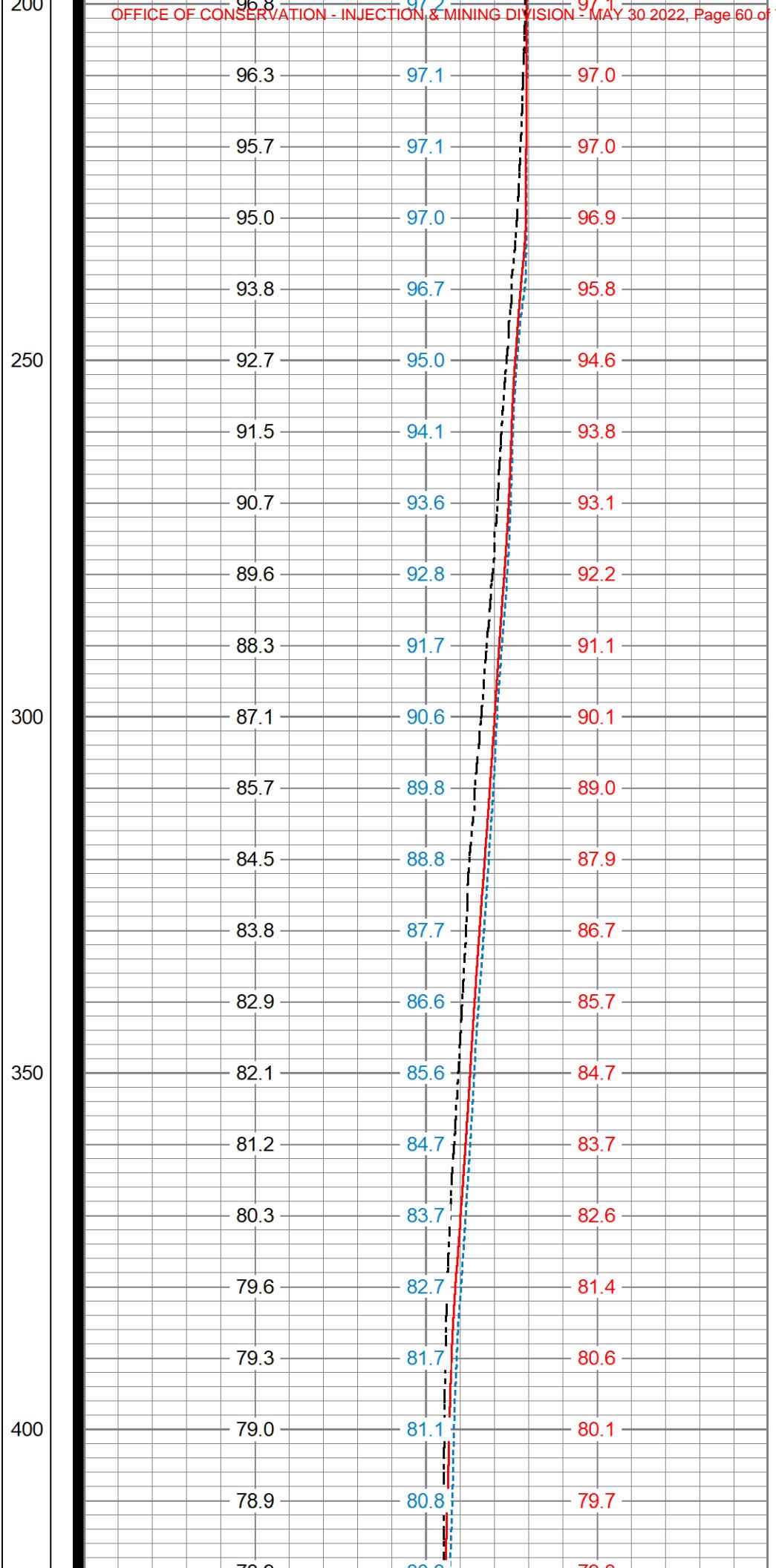
10000 GCL_CCL2-FINAL 1200
1200 GCL_CCL-BASE 10000

0 OFFICE OF CONSERVATION - INJECTION & MINING DIVISION - MAY 30 2022, Page 57 of 76
DENSITY-FINALIZATION (GAPI) 5000
0 DENSITY-BASE (GAPI) 5000

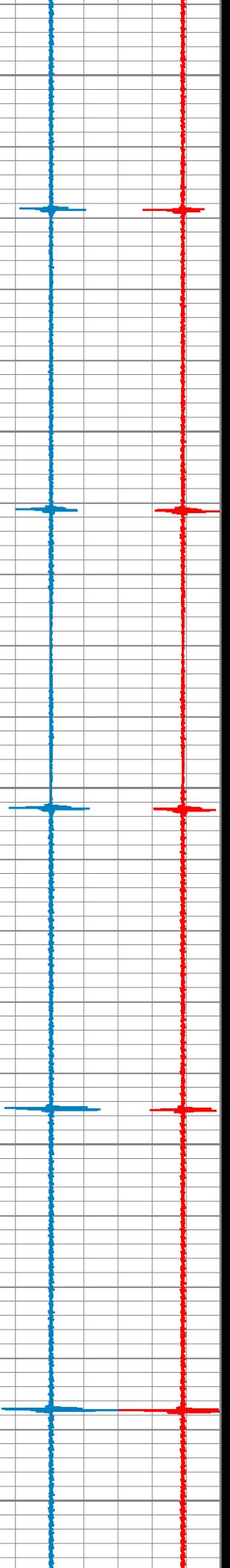




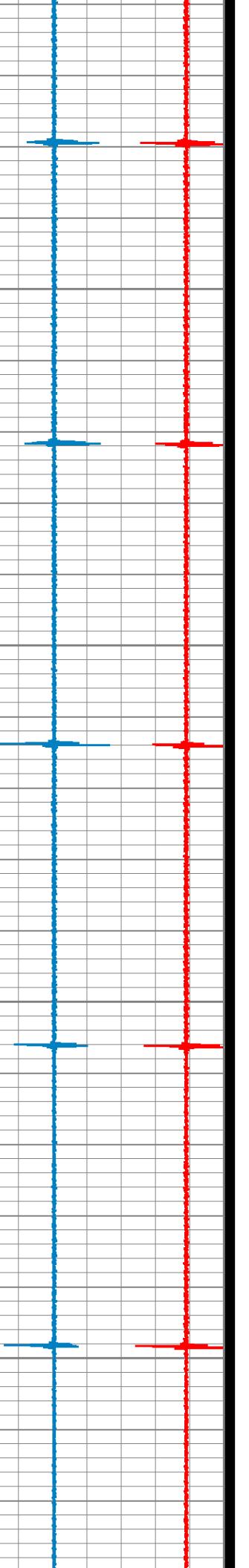




	78.9	80.3	79.3
450	79.0	79.9	79.0
	79.1	79.7	78.9
	79.3	79.6	78.9
	79.4	79.6	79.0
	79.6	79.6	79.0
	79.8	79.7	79.2
500	80.1	79.9	79.3
	80.5	80.0	79.5
	80.8	80.2	79.7
	81.2	80.3	79.9
	81.6	80.5	80.2
	82.0	80.7	80.4
550	82.5	80.9	80.7
	83.1	81.1	80.9
	83.7	81.3	81.5
	85.1	81.6	82.2
	85.9	82.4	83.2
600	87.1	83.2	84.1
	88.1	83.9	84.8
	89.1	84.8	85.6
	90.1	85.9	86.5
	91.1	87.1	87.5



650	91.4	87.1	87.0
	92.8	87.8	88.4
	94.4	88.8	89.5
700	96.3	90.0	91.0
	97.6	91.5	92.7
	99.0	93.0	94.2
	100.4	94.6	95.7
750	101.1	95.8	97.0
	102.5	97.1	98.4
	104.1	98.5	99.8
	105.0	99.7	101.3
	106.4	100.9	102.5
	108.0	101.6	103.3
	109.5	102.7	104.9
800	110.5	103.8	106.0
	111.1	104.8	106.7
	111.7	105.7	107.5
	112.3	106.2	108.6
	113.1	106.6	109.3
	114.0	107.1	110.1
	114.7	107.8	110.8
850	115.4	109.0	111.6
	116.0	109.8	112.6

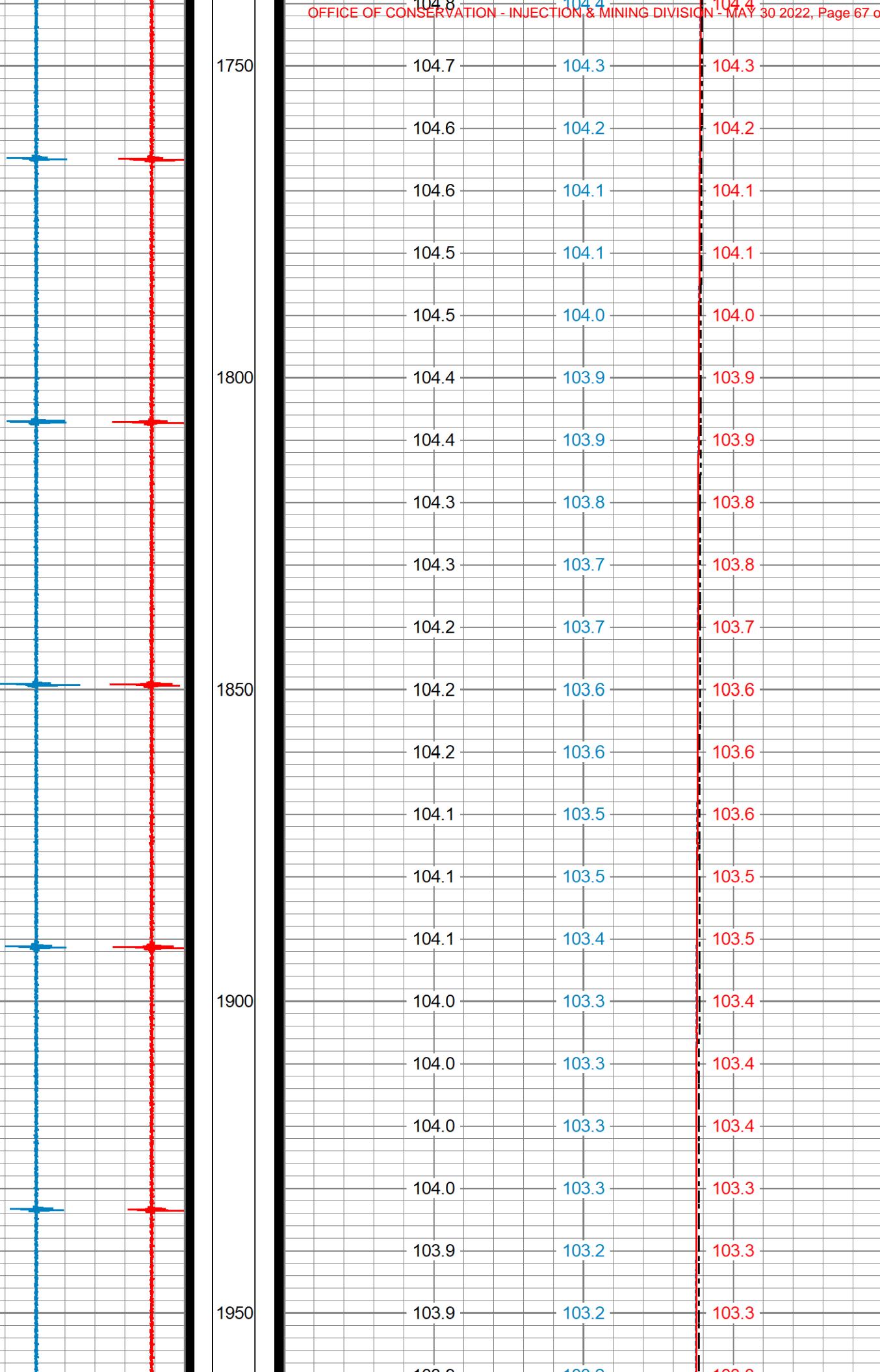


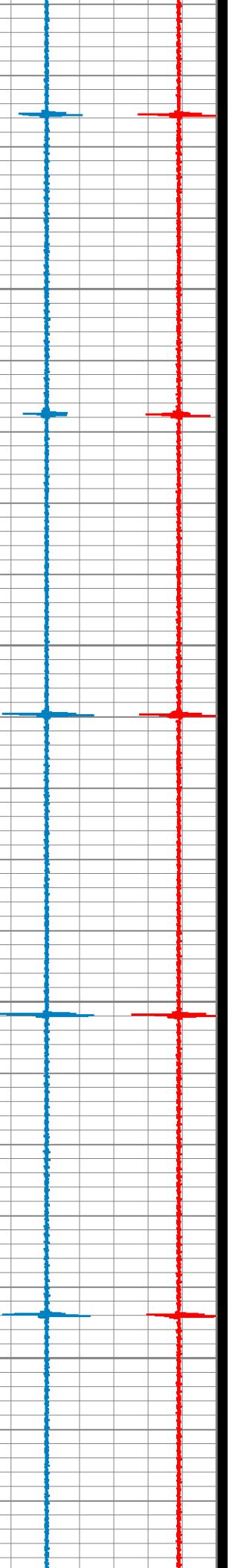
116.0	109.9	112.6
116.5	110.7	113.5
117.0	111.4	113.9
117.8	112.1	114.6
118.4	112.8	115.2
118.8	113.6	115.8
119.4	114.3	116.4
119.7	114.8	117.0
120.1	115.3	117.4
120.5	115.8	117.8
120.9	116.4	118.2
121.3	117.0	118.8
121.4	117.6	119.3
121.5	118.2	119.7
121.5	118.5	119.8
121.6	118.7	119.9
121.5	119.0	120.0
121.5	119.2	120.1
121.3	119.3	120.1
121.1	119.4	120.1
120.8	119.5	120.1
120.6	119.5	120.0
120.6	119.4	119.6

	120.3	119.4	119.8
1100	120.1	119.3	119.6
	119.8	119.2	119.5
	119.5	119.2	119.4
	119.2	119.0	119.3
	118.9	118.7	118.9
1150	118.5	118.3	118.6
	118.2	118.0	118.2
	117.9	117.8	118.0
	117.6	117.7	117.8
	117.1	117.4	117.5
	116.7	117.0	117.2
1200	116.4	116.6	116.7
	116.0	116.3	116.4
	115.5	116.0	116.1
	115.2	115.6	115.7
	114.8	115.3	115.4
1250	114.5	114.8	115.0
	114.0	114.5	114.6
	113.6	114.1	114.2
	113.3	113.7	113.9
	113.0	113.4	113.5
1300	112.7	112.1	112.6

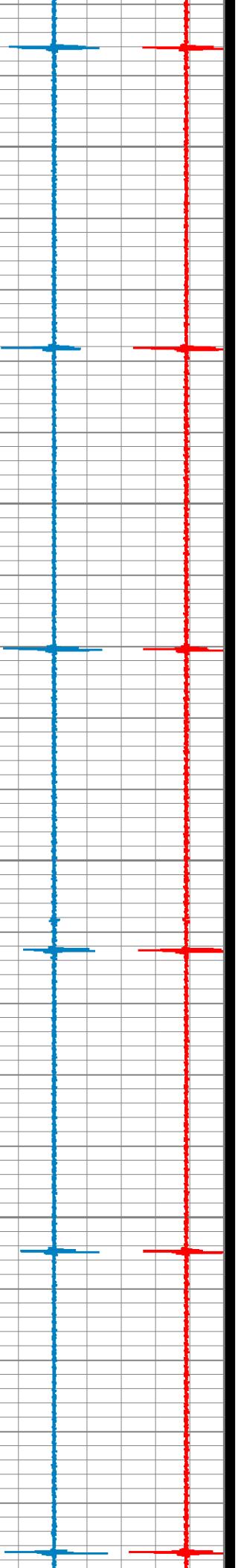
		112.4	112.7	112.8
		112.0	112.4	112.5
		111.6	112.1	112.1
		111.2	111.7	111.8
	1300	110.9	111.4	111.5
		110.6	111.1	111.1
		110.4	110.7	110.8
		110.1	110.4	110.5
	1350	109.8	110.2	110.2
		109.6	109.9	109.9
		109.3	109.6	109.6
		109.1	109.3	109.3
	1400	108.8	109.0	109.0
		108.6	108.8	108.7
		108.4	108.5	108.5
		108.3	108.2	108.3
	1450	108.1	108.0	108.1
		108.0	107.9	107.9
		107.8	107.7	107.7
		107.6	107.5	107.5
	1500	107.5	107.4	107.3
		107.3	107.2	107.2

	107.3	107.2	107.0
1550	107.0	106.9	106.8
	106.9	106.7	106.7
	106.7	106.6	106.5
	106.6	106.4	106.4
	106.4	106.3	106.3
	106.3	106.1	106.1
1600	106.2	106.0	106.0
	106.1	105.9	105.8
	106.0	105.7	105.7
	105.9	105.6	105.6
	105.7	105.5	105.5
1650	105.6	105.3	105.3
	105.5	105.2	105.2
	105.4	105.1	105.1
	105.3	105.0	105.0
	105.2	104.9	104.9
1700	105.1	104.7	104.7
	105.0	104.6	104.6
	105.0	104.6	104.6
	104.9	104.4	104.5
	104.8	104.4	104.4

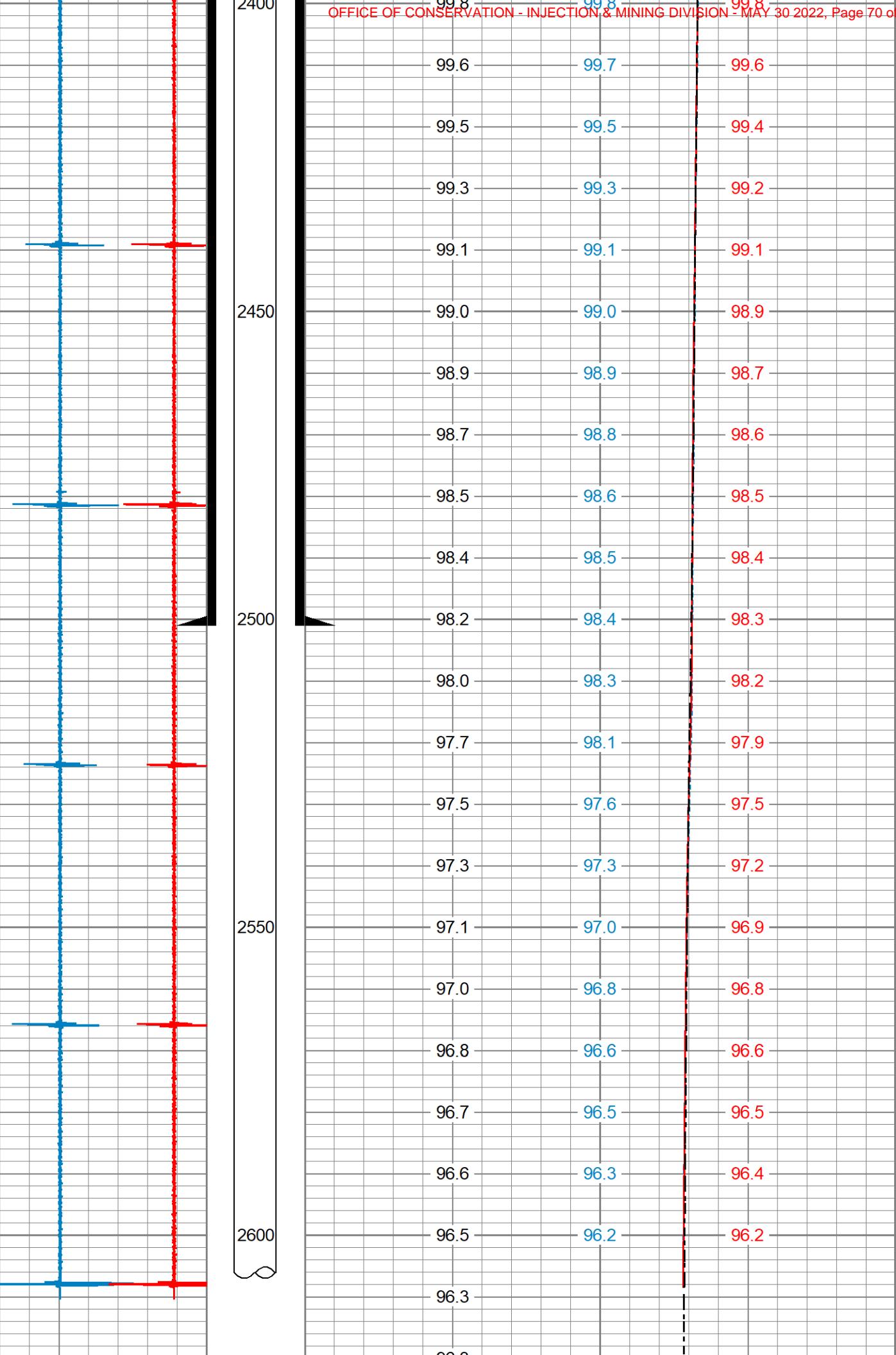


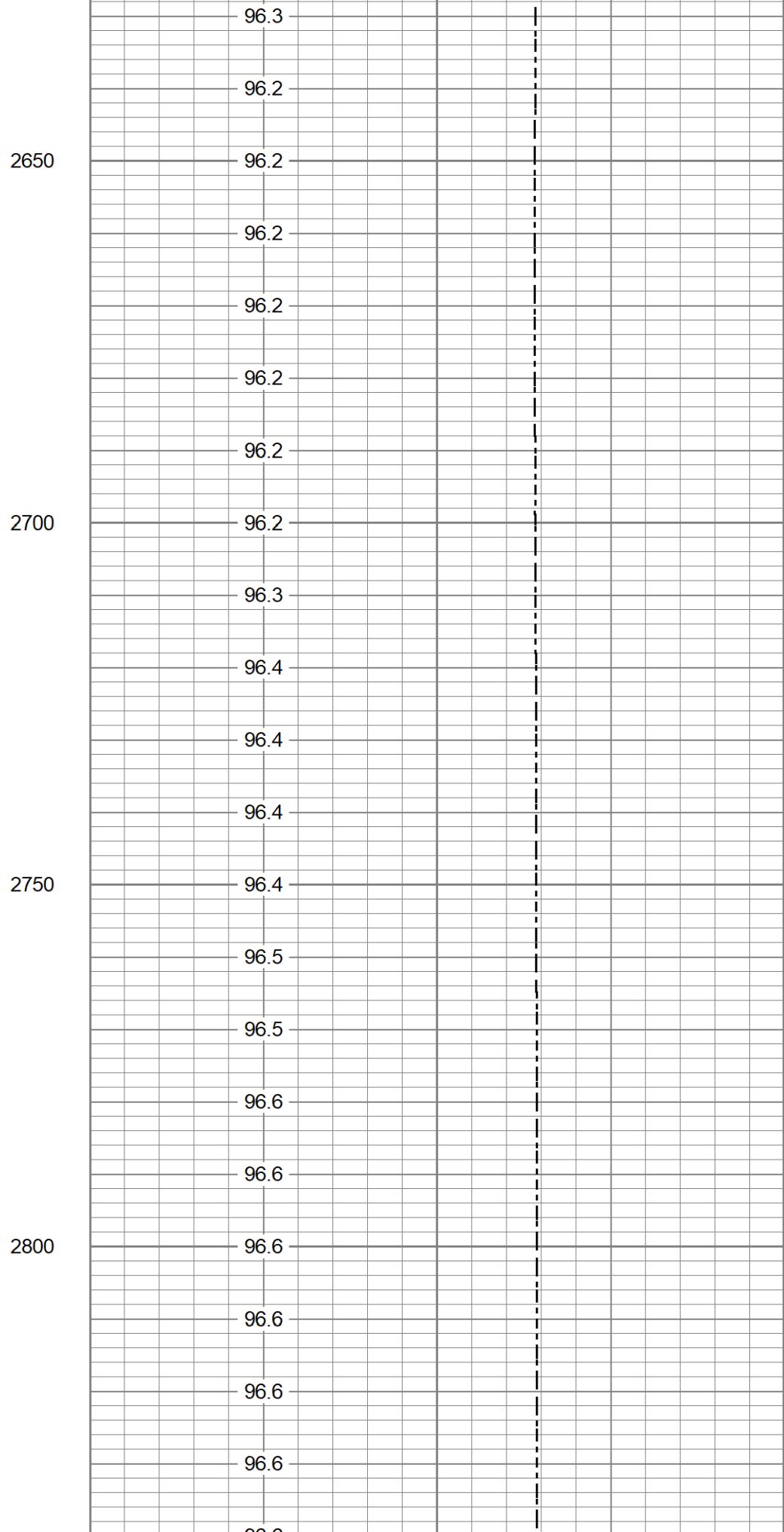


2000	103.9	103.2	103.3
	103.9	103.2	103.2
	103.8	103.1	103.2
	103.8	103.1	103.2
	103.8	103.1	103.1
	103.8	103.1	103.1
	103.7	103.1	103.1
2050	103.7	103.1	103.1
	103.7	103.0	103.0
	103.6	103.0	103.0
	103.6	103.0	103.0
	103.6	103.0	103.0
	103.5	102.9	103.0
	103.5	102.9	102.9
	103.4	102.9	102.9
	103.4	102.8	102.8
	103.3	102.8	102.8
2100	103.3	102.8	102.8
	103.2	102.7	102.7
	103.1	102.6	102.6
2150	103.1	102.6	102.6
	102.1	102.0	102.0

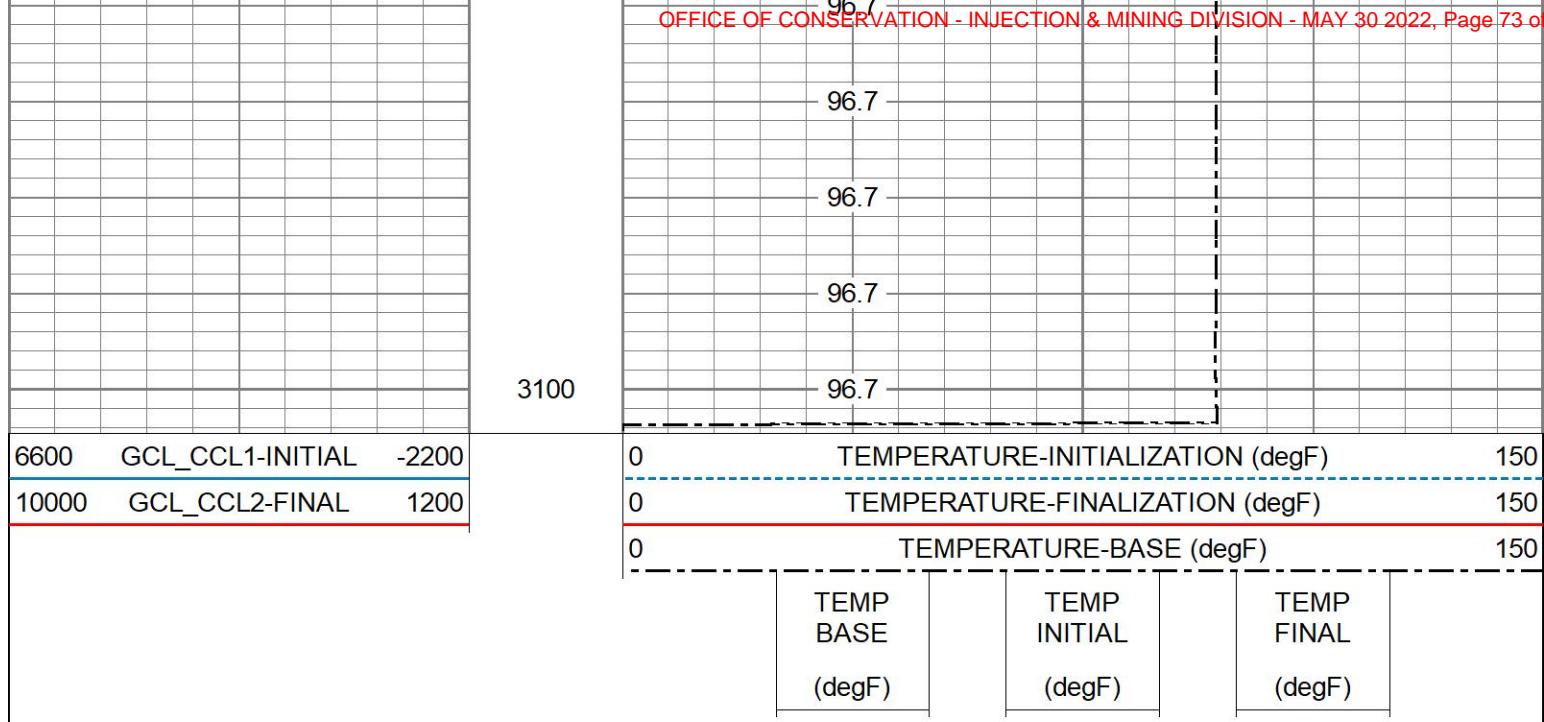


2200	103.1	102.6	102.6
	103.0	102.5	102.5
	102.9	102.5	102.5
	102.7	102.4	102.4
	102.6	102.3	102.3
2250	102.5	102.2	102.2
	102.4	102.1	102.1
	102.3	102.0	102.0
	102.1	101.9	101.9
	102.0	101.8	101.8
2300	101.8	101.7	101.6
	101.7	101.6	101.5
	101.5	101.5	101.4
	101.4	101.3	101.2
	101.2	101.1	101.1
	101.0	101.0	100.9
2350	100.8	100.9	100.8
	100.6	100.7	100.6
	100.4	100.5	100.5
	100.2	100.4	100.3
	100.1	100.2	100.1
2400	100.0	100.0	99.9





2850	96.6
	96.6
	96.7
	96.7
	96.7
2900	96.7
	96.7
	96.7
	96.7
	96.7
2950	96.7
	96.7
	96.7
	96.7
	96.7
3000	96.7
	96.7
	96.7
	96.7
3050	96.7
	96.7



	Company	EAGLE US 2, LLC
	Well	PPG #007-B
	Field	SULPHUR MINES
	County	
	State	LOUISIANA
	Country	

Appendix G – Gauge & Turbine Calibration Information

Cal-scan Services Ltd.

4188-93 Street
 Edmonton, Alberta, Canada
 T6E 5P5
 Phone: (780) 944-1377 Fax: (780) 944 - 1406

Calibration Certificate

Model :	Hawk 9000	Range :	3,500.00	psi
Serial Number :	63207	Last Cal. Date :	06-May-2021	

Specifications

Calibration Pressure Range: 0.00 3,500.00 psi

Calibration Temperature Range: -40.00 60.00 °C

Pressure:	Accuracy	±	0.8400 psi (0.024 %FS)
	Resolution	±	0.0105 psi (0.0003 %FS)

Temperature:	Accuracy	±	0.40 °C
	Resolution	±	0.001 °C

Calibration Summary

Pressure: Accuracy (maximum error) 0.61 psi

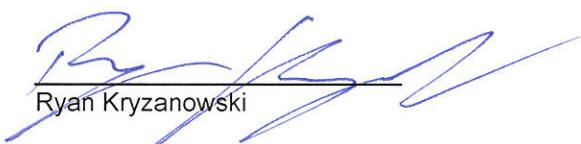
Temperature: Accuracy (maximum error) 0.61 °C

Traceability Statement

All working standards are traceable to national or internationally recognized standards.

Calibrated with Cal-Scan DWG # 5

Calibrated by:

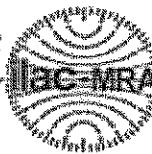


Ryan Kryzanowski



HOFFER CALIBRATION SERVICES, LLC

107 Kitz Hawk Lane, P.O. Box 2140 Elizabeth City, NC 27906-2140
 1-800-628-4584 • (252) 331-1997 • FAX (252) 331-2088
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Flowmeter Calibration Report

Model: HO2X2A-15-CB-1MX-X-1502-F-X

Customer: CALSCAN USA LP

Customer Addr: P.O. BOX 1832 PORTER TX 77365 USA

Account: 10401 Date: 2/24/2021 Stand 4

Cust. PO: 011521-LNQ Fluid: city water

Job Number: 103425 Test range (gpm): 15.360 to 225.668

Meter S/N: 188576 Linearity (%): +/- 0.0000

Coil: PC24-123G 15MV K' Average (pulses/gal) 64.935

Calibration Procedure: WI-760-010 Lab Temp: 72 °F

Calibration Tech: MRR Lab RH: 40 %

Calibration Results: As Found As Left Customer Re-Calibration Date:

Calculated gas k-factor is 485.745 pulses/ACF

Notes, Adjustments, Interpretations or Repairs:

Frequency Hz @ 70F	Flowrate GPM	Roshko # Hz/cSt 70F	Strouhal # pul/gal 70F	Fluid Temp Deg. F	Kin. Visc. cSt
1 16.777	15.367	14.602	65.502	58.869	1.149
2 16.784	15.360	14.607	65.554	58.856	1.149
3 21.979	20.131	19.129	65.502	58.811	1.149
4 27.645	25.340	24.060	65.451	58.776	1.149
5 54.862	50.416	47.747	65.285	58.770	1.149
6 81.880	75.472	71.261	65.087	58.735	1.149
7 108.767	100.541	94.662	64.902	58.687	1.149
8 135.293	125.506	117.748	64.672	58.621	1.149
9 162.474	150.907	141.404	64.592	58.464	1.149
10 189.129	175.668	164.602	64.590	58.266	1.149
11 241.802	225.552	210.445	64.315	57.882	1.149
12 242.183	225.668	210.776	64.384	57.597	1.149

Standards Used

Standard #	Description	ReCal Date
TE-655	243 GPM Liquid Calibrator	11/8/2021

The above referenced instrument was calibrated using standards traceable to NIST. The measurement uncertainty are within a best uncertainty of $\pm 0.20\%$ which represents an expanded uncertainty using a coverage factor, $k=2$, at 95% confidence level. Calibration services are accredited by A2LA to ISO 17025:2017 and are compliant to ANSI/NCSL Z540-1-1994; Part 1. The results reported relate only to the item(s) calibrated as described above. This report may not be reproduced, except in full, without the written approval of Hoffer Calibration Services, LLC. Unless otherwise specified by Contract/Customer, report approval is based on the decision rule of simple acceptance ($w=U$, $AL=TL + w$) per ILAC G8.

Calibration Report Approval: Mike Hammon Calibration Technician
 Name _____ Title _____ Signature _____