

UICI-11

QUARTERLY
REPORTS

2022



**Marathon
Petroleum Company LP**

May 9, 2022

Carl Chavez
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Tracker #: Electronic Submittal (NMOCD-Santa Fe)

RE: 1st Quarter 2022 Injection Well Report
Western Refining Southwest LLC – Bloomfield Terminal
Class I (Non-Hazardous) Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747, Facility ID fCJC2115255112

Dear Mr. Chavez,

Western Refining Southwest LLC (“Western”) is providing a summary of the operational data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility in Bloomfield, NM. The enclosed data are for operations and activities conducted between January 1st, 2022 and March 30th, 2022, which includes the following:

- Attachment A: 2022 Quarterly Injection Well Summary Table
- Attachment B: Analytical summary of quarterly samples
- Attachment C: Quarterly analytical reports
 - o Injection Well quarterly sample results
 - o Monitoring well sample results
 - o Petroleum contact water analytical from the Western Refining Albuquerque Products Terminal
- Attachment D: Summary of Well Operational Logs
- Attachment E: Groundwater Monitoring Well Data Summary
 - o Attachment E Supplemental: Summary of project to receive Contact Water from the Western Refining Albuquerque Products Terminal
- Attachment F: Groundwater Flow Direction & Hydraulic Gradient Map
- Attachment G: Shipping Documents for the petroleum contact water from Western Refining Albuquerque Products Terminal

If you should have any questions or require additional information, please do not hesitate to contact me at 678-594-6377 or gfrussell@marathonpetroleum.com.

Sincerely,

Gary Russell

Gary Russell
Sr. HES Professional
Western Refining Southwest LLC

CC: Environmental Manual

ATTACHMENT A

Quarterly Injection Well Summary Table

Western Refining Southwest LLC
Bloomfield Terminal
Report Year -2022
Summary

Period	Amount of Water From River (Gallons)	Amount From WWTP (Gallons)	Totalizer Amount Injected (Gallons)	Down-time (hrs)	Injection Pressure			Annular Pressure			On-Line Flowrates		
					Max (PSIA)	Min (PSIA)	Avg (PSIA)	Max (PSIA)	Min (PSIA)	Avg (PSIA)	Max (GPM)	Min (GPM)	Avg (GPM)
JAN	0	733000	1051	467.5	754	-6	559	6	-8	1	38.4	38.4	0.1
FEB	16758	504000	0	670	550	-6	540	10	-6	7	0.0	-	0.0
MAR	420	475000	16632	727.5	1168	-6	546	18	-8	10	34.7	1.2	31.2
Quarterly Averages and Totals	17178	1712000	17683	1865	824.00	-6.00	548.46	11.33	-7.33	6.24	24.37	19.80	10.43

Total Volume
Injected: 17683 Gallons

Attachment B

Quarterly Analytical Summary Table

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
General Chemistry (mg/L unless otherwise stated)							
	Specific Conductance (umhos/cm3)			4400			
	Bromide			2.7			
	Chloride		250 *	990			
	Fluoride			0.62			
	Nitrate + Nitrite as N			<0.5			
	Phosphorus, Orthophosphate (As P)			<2.5			
	Sulfate		600	75			
	Total Dissolved Solids		10,000	2290			
	pH (pH Units)			7.96			
	Bicarbonate (As CaCO3)			511.3			
	Carbonate (As CaCO3)			<2.0			
	Total Alkalinity (as CaCO3)			511.3			
	Oxidation-Reduction Potential (mV)			118			
	Specific Gravity			0.998			
Total Metals (mg/L)							
D004	Arsenic	5.0		0.0033			
D005	Barium	100		0.088			
D006	Cadmium	1.0		< 0.0020			
D007	Chromium	5.0		< 0.0060			
D008	Lead	5.0		< 0.005			
D010	Selenium	1.0		< 0.001			
D011	Silver	5.0		< 0.0050			
D009	Mercury	0.2	0.002	< 0.00020			
Dissolved Metals (mg/L)							
	Calcium		0.01	29			
	Magnesium			35			
	Potassium			21			
	Sodium			770			
Ignitability, Corrosivity, and Reactivity							
D003	Reactive Cyanide (mg/L)			<0.005			
D003	Reactive Sulfide (mg/L)			<0.05			
D001	Ignitability (° F)	< 140° F		>170			
D002	Corrosivity (ph Units)	≤ 2 or ≥ 12.5	6-9	7.98			
Pesticides (mg/L)							
	Chlordane	0.03		<0.001			
Field Parameters							
	pH			7.6			
	Temperature (° C)			19.6			

Notes:

* = Screening level is to apply to dissolved phase result therefore comparison is bias high.
Field Parameters collected

ATTACHMENT C

Analytical Laboratory Report



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 14, 2022

Gary Russell

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX:

RE: Injection Well Q1

OrderNo.: 2203307

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/4/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2203307

Date Reported: 4/14/2022

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Q1

Project: Injection Well Q1

Collection Date: 3/3/2022 11:30:00 AM

Lab ID: 2203307-001

Matrix: AQUEOUS

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP							Analyst: JME
2-Methylphenol	ND	200		mg/L	1	3/11/2022 11:45:19 AM	66075
3+4-Methylphenol	ND	200		mg/L	1	3/11/2022 11:45:19 AM	66075
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/11/2022 11:45:19 AM	66075
Hexachlorobenzene	ND	0.13		mg/L	1	3/11/2022 11:45:19 AM	66075
Hexachlorobutadiene	ND	0.50		mg/L	1	3/11/2022 11:45:19 AM	66075
Hexachloroethane	ND	3.0		mg/L	1	3/11/2022 11:45:19 AM	66075
Nitrobenzene	ND	2.0		mg/L	1	3/11/2022 11:45:19 AM	66075
Pentachlorophenol	ND	100		mg/L	1	3/11/2022 11:45:19 AM	66075
Pyridine	ND	5.0		mg/L	1	3/11/2022 11:45:19 AM	66075
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/11/2022 11:45:19 AM	66075
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/11/2022 11:45:19 AM	66075
Cresols, Total	ND	200		mg/L	1	3/11/2022 11:45:19 AM	66075
Surr: 2-Fluorophenol	46.8	15-118		%Rec	1	3/11/2022 11:45:19 AM	66075
Surr: Phenol-d5	34.9	15-92.9		%Rec	1	3/11/2022 11:45:19 AM	66075
Surr: 2,4,6-Tribromophenol	62.0	15-150		%Rec	1	3/11/2022 11:45:19 AM	66075
Surr: Nitrobenzene-d5	57.0	15-136		%Rec	1	3/11/2022 11:45:19 AM	66075
Surr: 2-Fluorobiphenyl	56.3	15-134		%Rec	1	3/11/2022 11:45:19 AM	66075
Surr: 4-Terphenyl-d14	90.3	15-168		%Rec	1	3/11/2022 11:45:19 AM	66075
SPECIFIC GRAVITY							Analyst: CAS
Specific Gravity	0.9978	0			1	3/25/2022 4:56:00 PM	R86783
EPA METHOD 300.0: ANIONS							Analyst: LRN
Fluoride	0.62	0.50		mg/L	5	3/4/2022 3:47:33 PM	R86276
Chloride	990	50	*	mg/L	100	3/16/2022 12:01:04 PM	R86540
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/4/2022 3:47:33 PM	R86276
Bromide	2.7	0.50		mg/L	5	3/4/2022 3:47:33 PM	R86276
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/4/2022 3:47:33 PM	R86276
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	3/4/2022 3:47:33 PM	R86276
Sulfate	75	2.5		mg/L	5	3/4/2022 3:47:33 PM	R86276
SM2510B: SPECIFIC CONDUCTANCE							Analyst: CAS
Conductivity	4400	10		µmhos/c	1	3/8/2022 12:57:52 PM	R86339
SM2320B: ALKALINITY							Analyst: CAS
Bicarbonate (As CaCO3)	511.3	20.00		mg/L Ca	1	3/8/2022 12:57:52 PM	R86339
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	3/8/2022 12:57:52 PM	R86339
Total Alkalinity (as CaCO3)	511.3	20.00		mg/L Ca	1	3/8/2022 12:57:52 PM	R86339
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	2290	100	*D	mg/L	1	3/10/2022 12:51:00 PM	66054

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2203307

Date Reported: 4/14/2022

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Q1

Project: Injection Well Q1

Collection Date: 3/3/2022 11:30:00 AM

Lab ID: 2203307-001

Matrix: AQUEOUS

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM4500-H+B / 9040C: PH							Analyst: CAS
pH	7.96		H	pH units	1	3/8/2022 12:57:52 PM	R86339
EPA METHOD 6020A: TOTAL METALS							Analyst: DBK
Arsenic	0.0033	0.0010		mg/L	1	3/11/2022 2:19:20 PM	66043
Lead	ND	0.0050		mg/L	5	3/11/2022 2:57:01 PM	66043
Selenium	ND	0.0010		mg/L	1	3/11/2022 2:19:20 PM	66043
EPA METHOD 7470A: MERCURY							Analyst: VP
Mercury	ND	0.00020		mg/L	1	3/11/2022 6:00:40 PM	66107
EPA METHOD 6010B: DISSOLVED METALS							Analyst: JLF
Calcium	29	1.0		mg/L	1	3/10/2022 8:39:45 PM	B86414
Magnesium	35	1.0		mg/L	1	3/10/2022 8:39:45 PM	B86414
Potassium	21	1.0		mg/L	1	3/10/2022 8:39:45 PM	B86414
Sodium	770	10		mg/L	10	3/16/2022 1:45:20 PM	A86538
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: JLF
Barium	0.088	0.0020		mg/L	1	3/16/2022 3:43:21 PM	66043
Cadmium	ND	0.0020		mg/L	1	3/16/2022 3:43:21 PM	66043
Calcium	31	1.0		mg/L	1	3/16/2022 3:43:21 PM	66043
Chromium	ND	0.0060		mg/L	1	3/16/2022 3:43:21 PM	66043
Magnesium	37	1.0		mg/L	1	3/16/2022 3:43:21 PM	66043
Potassium	22	1.0		mg/L	1	3/16/2022 3:43:21 PM	66043
Silver	ND	0.0050		mg/L	1	3/16/2022 6:01:59 PM	66043
Sodium	810	10		mg/L	10	3/16/2022 4:23:20 PM	66043
EPA METHOD 8081: PESTICIDES							Analyst: LSB
Chlordane	ND	1.0		µg/L	1	3/15/2022 3:18:53 PM	66060
Surr: Decachlorobiphenyl	98.7	73-119		%Rec	1	3/15/2022 3:18:53 PM	66060
Surr: Tetrachloro-m-xylene	80.8	36.6-84.1		%Rec	1	3/15/2022 3:18:53 PM	66060
TCLP VOLATILES BY 8260B							Analyst: CCM
Benzene	ND	0.50		mg/L	200	3/4/2022 11:12:00 PM	T86254
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	3/4/2022 11:12:00 PM	T86254
2-Butanone	ND	200		mg/L	200	3/4/2022 11:12:00 PM	T86254
Carbon Tetrachloride	ND	0.50		mg/L	200	3/4/2022 11:12:00 PM	T86254
Chloroform	ND	6.0		mg/L	200	3/4/2022 11:12:00 PM	T86254
1,4-Dichlorobenzene	ND	7.5		mg/L	200	3/4/2022 11:12:00 PM	T86254
1,1-Dichloroethene	ND	0.70		mg/L	200	3/4/2022 11:12:00 PM	T86254
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	3/4/2022 11:12:00 PM	T86254
Trichloroethene (TCE)	ND	0.50		mg/L	200	3/4/2022 11:12:00 PM	T86254
Vinyl chloride	ND	0.20		mg/L	200	3/4/2022 11:12:00 PM	T86254

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
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	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2203307

Date Reported: 4/14/2022

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well Q1

Project: Injection Well Q1

Collection Date: 3/3/2022 11:30:00 AM

Lab ID: 2203307-001

Matrix: AQUEOUS

Received Date: 3/4/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B							Analyst: CCM
Chlorobenzene	ND	100		mg/L	200	3/4/2022 11:12:00 PM	T86254
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	200	3/4/2022 11:12:00 PM	T86254
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	200	3/4/2022 11:12:00 PM	T86254
Surr: Dibromofluoromethane	102	70-130		%Rec	200	3/4/2022 11:12:00 PM	T86254
Surr: Toluene-d8	94.7	70-130		%Rec	200	3/4/2022 11:12:00 PM	T86254

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

March 16, 2022

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1468362

Samples Received: 03/05/2022

Project Number:

Description:

Report To: Andy Freeman
4901 Hawkins NE
Albuquerque, NM 87109

Entire Report Reviewed By:



John Hawkins
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

2203307-001F INJECTION WELL Q1 L1468362-01 GW

Collected by

Collected date/time

Received date/time

03/03/22 11:30

03/05/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG1831723	1	03/15/22 08:29	03/15/22 08:29	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500 CN E-2016	WG1828391	1	03/08/22 11:24	03/08/22 16:08	JER	Mt. Juliet, TN
Wet Chemistry by Method 4500 S2 D-2011	WG1829209	1	03/08/22 17:16	03/08/22 17:16	TWF	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1828853	1	03/08/22 10:15	03/08/22 10:15	EPW	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG1830623	1	03/10/22 21:00	03/10/22 21:00	JAR	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCOUNT:

Hall Environmental Analysis Laboratory

PROJECT:

SDG:

L1468362

DATE/TIME:

03/16/22 07:33

PAGE:

3 of 13

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

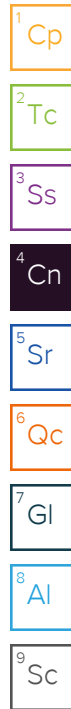


John Hawkins
Project Manager

Project Narrative

All Reactive Cyanide results reported in the attached report were determined as totals using method 4500 CN E-2016.

All Reactive Sulfide results reported in the attached report were determined as totals using method 4500 S2 D-2011.



Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	118	T8	1	03/15/2022 08:29	WG1831723

¹ Cp² Tc

Wet Chemistry by Method 4500 CN E-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND	J3 J6	0.00500	1	03/08/2022 16:08	WG1828391

³ Ss⁴ Cn

Wet Chemistry by Method 4500 S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	ND		0.0500	1	03/08/2022 17:16	WG1829209

⁵ Sr⁶ Qc

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Corrosivity by pH	7.98	T8	1	03/08/2022 10:15	WG1828853

⁷ Gl⁸ Al

Sample Narrative:

L1468362-01 WG1828853: 7.98 at 15.8C

⁹ Sc

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	03/10/2022 21:00	WG1830623

L1468362-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1468362-01 03/15/22 08:29 • (DUP) R3769713-3 03/15/22 08:29						
Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	<u>DUP Qualifier</u>	DUP Diff Limits mV
ORP	118	125	1	6.60		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3769713-1 03/15/22 08:29 • (LCSD) R3769713-2 03/15/22 08:29

Analyte	Spike Amount mV	LCS Result mV	LCSD Result mV	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	Diff mV	Diff Limits mV
ORP	108	110	114	102	105	86.0-105			3.30	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3767587-1 03/08/22 15:46

Analyte	MB Result mg/l	<u>MB Qualifier</u> mg/l	MB MDL mg/l	MB RDL mg/l
Reactive Cyanide	U	0.00180	0.00500	

L1467152-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1467152-02 03/08/22 16:02 • (DUP) R3767587-3 03/08/22 16:03

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	<u>DUP Qualifier</u> %	DUP RPD Limits %
Reactive Cyanide	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3767587-2 03/08/22 15:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u> %
Reactive Cyanide	0.100	0.103	103	87.1-120	

L1468362-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1468362-01 03/08/22 16:08 • (MS) R3767587-4 03/08/22 16:11 • (MSD) R3767587-5 03/08/22 16:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u> J6	<u>MSD Qualifier</u> J3	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0678	0.0993	67.8	99.3	1	90.0-110			37.7	20

L1468423-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1468423-02 03/08/22 16:14 • (MS) R3767587-6 03/08/22 16:15 • (MSD) R3767587-7 03/08/22 16:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u> 5.39	<u>MSD Qualifier</u> 5.39	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0957	0.101	95.7	101	1	90.0-110			5.39	20

Method Blank (MB)

(MB) R3767616-1 03/08/22 17:15

Analyte	MB Result mg/l	<u>MB Qualifier</u> mg/l	MB MDL mg/l	MB RDL mg/l
Reactive Sulfide	U	0.0250	0.0500	

Laboratory Control Sample (LCS)

(LCS) R3767616-2 03/08/22 17:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Reactive Sulfide	0.500	0.515	103	85.0-115	

L1468362-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1468362-01 03/08/22 17:16 • (MS) R3767616-3 03/08/22 17:22 • (MSD) R3767616-4 03/08/22 17:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u> %	<u>MSD Qualifier</u> %	RPD %	RPD Limits %
Reactive Sulfide	0.500	ND	0.455	0.435	91.0	87.0	1	80.0-120	4.49		20	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3767569-1 03/08/22 10:15

Analyte	Spike Amount SU	LCS Result SU	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Corrosivity by pH	10.0	9.96	99.6	99.0-101	

Sample Narrative:

LCS: 9.96 at 19.4C

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1469855-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1469855-01 03/10/22 21:00 • (DUP) R3768612-3 03/10/22 21:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Flashpoint	deg F	deg F		%		%
	DNF at 170	DNF at 170	1	0.000		10

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3768612-1 03/10/22 21:00 • (LCSD) R3768612-2 03/10/22 21:00

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	deg F	deg F	deg F	%	%	%			%	%
Flashpoint	126	128	124	101	98.2	96.0-104		3.18	10	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

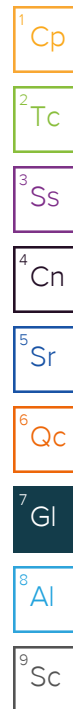
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

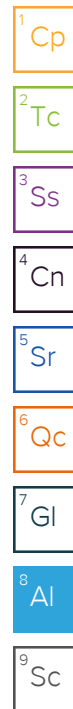
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

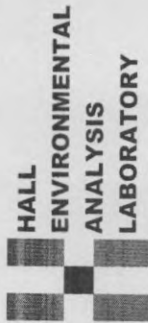
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.





CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975
FAX: 505-345-4107
Website: clients.hallenvironmental.com

D100

SUB CONTRACTOR	Pace TN	COMPANY	PACE TN	PHONE	(800) 767-5859	FAX	(615) 758-5859
ADDRESS	12065 Lebanon Rd	ACCOUNT #					
CITY, STATE, ZIP	Mt. Juliet, TN 37122						
ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2203307-001F	Injection Well Q1	500HDPE	Aqueous	3/3/2022 11:30:00 AM	3 RCI, ORP	17968362

Sample Receipt Checklist
COC Seal Present/Intact: ☒ N If Applicable
COC Signed/Accurate: ☒ N VOA Zero Headspace: ☒ N
Bottles airtight/Intact: ☒ N Pres. Correct/Check: ☒ N
Correct bottles used: ☒ N
Sufficient volume sent: ☒ N
RAD Screen <0.5 mR/hr: ☒ N

SPECIAL INSTRUCTIONS / COMMENTS:

Please include the LAB ID and the CLIENT SAMPLE ID on all final reports. Please e-mail results to lab@hallenvironmental.com. Please return all coolers and blue ice. Thank you.

Relinquished By	Cue	Date	3/4/2022	Time	12:22 PM	Received By	[Signature]	Date	03/06/22	Time	0930
Relinquished By		Date		Time		Received By		Date		Time	
Relinquished By		Date		Time		Received By		Date		Time	
TAT:	Standard					RUSH		New BD		2nd BD	
										3rd BD	
TAT 9302 4951 0831											

REPORT TRANSMITTAL DESIRED:
HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE ☐

FOR LAB/USE ONLY
Temp of samples 1.5° C Attempt to Cool? ☐

Comments

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R86276	RunNo: 86276								
Prep Date:	Analysis Date: 3/4/2022	SeqNo: 3041971 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R86276	RunNo: 86276								
Prep Date:	Analysis Date: 3/4/2022	SeqNo: 3041972 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.51	0.10	0.5000	0	101	90	110			
Nitrogen, Nitrite (As N)	0.98	0.10	1.000	0	98.2	90	110			
Bromide	2.5	0.10	2.500	0	98.3	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	100	90	110			
Phosphorus, Orthophosphate (As P)	4.5	0.50	5.000	0	90.0	90	110			
Sulfate	10	0.50	10.00	0	100	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R86540	RunNo: 86540								
Prep Date:	Analysis Date: 3/16/2022	SeqNo: 3054156 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R86540	RunNo: 86540								
Prep Date:	Analysis Date: 3/16/2022	SeqNo: 3054157 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.2	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB-66043	SampType: MBLK	TestCode: EPA Method 6020A: Total Metals								
Client ID: PBW	Batch ID: 66043	RunNo: 86411								
Prep Date: 3/8/2022	Analysis Date: 3/11/2022	SeqNo: 3048333 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								
Selenium	ND	0.0010								

Sample ID: MSLLCS-66043	SampType: LCSLL	TestCode: EPA Method 6020A: Total Metals								
Client ID: BatchQC	Batch ID: 66043	RunNo: 86411								
Prep Date: 3/8/2022	Analysis Date: 3/11/2022	SeqNo: 3048334 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010	0.001000	0	88.7	70	130			
Lead	0.0010	0.0010	0.001000	0	105	70	130			
Selenium	ND	0.0010	0.001000	0	93.3	70	130			

Sample ID: MSLCS-66043	SampType: LCS	TestCode: EPA Method 6020A: Total Metals								
Client ID: LCSW	Batch ID: 66043	RunNo: 86411								
Prep Date: 3/8/2022	Analysis Date: 3/11/2022	SeqNo: 3048653 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.048	0.0010	0.05000	0	96.4	80	120			
Lead	0.052	0.0010	0.05000	0	104	80	120			
Selenium	0.048	0.0010	0.05000	0	95.9	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB-66060	SampType: MBLK	TestCode: EPA Method 8081: PESTICIDES
Client ID: PBW	Batch ID: 66060	RunNo: 86493
Prep Date: 3/9/2022	Analysis Date: 3/15/2022	SeqNo: 3052325 Units: µg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chlordane	ND	1.0
Surr: Decachlorobiphenyl	2.5	2.500 100 73 119
Surr: Tetrachloro-m-xylene	1.2	2.500 46.6 36.6 84.1

Sample ID: MB-66060	SampType: MBLK	TestCode: EPA Method 8081: PESTICIDES
Client ID: PBW	Batch ID: 66060	RunNo: 86493
Prep Date: 3/9/2022	Analysis Date: 3/15/2022	SeqNo: 3052326 Units: µg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chlordane	ND	1.0
Surr: Decachlorobiphenyl	2.6	2.500 104 73 119
Surr: Tetrachloro-m-xylene	1.2	2.500 46.1 36.6 84.1

Sample ID: LCS-66060	SampType: LCS	TestCode: EPA Method 8081: PESTICIDES
Client ID: LCSW	Batch ID: 66060	RunNo: 86493
Prep Date: 3/9/2022	Analysis Date: 3/15/2022	SeqNo: 3052327 Units: %Rec
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: Decachlorobiphenyl	2.9	2.500 114 73 119
Surr: Tetrachloro-m-xylene	1.4	2.500 54.6 36.6 84.1

Sample ID: LCS-66060	SampType: LCS	TestCode: EPA Method 8081: PESTICIDES
Client ID: LCSW	Batch ID: 66060	RunNo: 86493
Prep Date: 3/9/2022	Analysis Date: 3/15/2022	SeqNo: 3052328 Units: %Rec
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: Decachlorobiphenyl	2.9	2.500 117 73 119
Surr: Tetrachloro-m-xylene	1.4	2.500 54.6 36.6 84.1

Sample ID: LCSD-66060	SampType: LCSD	TestCode: EPA Method 8081: PESTICIDES
Client ID: LCSS02	Batch ID: 66060	RunNo: 86493
Prep Date: 3/9/2022	Analysis Date: 3/15/2022	SeqNo: 3052329 Units: %Rec
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: Decachlorobiphenyl	2.7	2.500 109 73 119 0 20
Surr: Tetrachloro-m-xylene	1.5	2.500 60.7 36.6 84.1 0 20

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.**Project:** Injection Well Q1

Sample ID: LCSD-66060	SampType: LCSD			TestCode: EPA Method 8081: PESTICIDES						
Client ID: LCSS02	Batch ID: 66060			RunNo: 86493						
Prep Date: 3/9/2022	Analysis Date: 3/15/2022			SeqNo: 3052330		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.8		2.500		112	73	119	0	20	
Surr: Tetrachloro-m-xylene	1.5		2.500		61.0	36.6	84.1	0	20	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: 100ng lcs	SampType: LCS		TestCode: TCLP Volatiles by 8260B							
Client ID: LCSW	Batch ID: T86254		RunNo: 86254							
Prep Date:	Analysis Date: 3/4/2022		SeqNo: 3041184		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50	0.02000	0	110	70	130			
1,1-Dichloroethene	ND	0.70	0.02000	0	102	70	130			
Trichloroethene (TCE)	ND	0.50	0.02000	0	104	70	130			
Chlorobenzene	ND	100	0.02000	0	107	70	130			
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		102	70	130			
Surr: 4-Bromofluorobenzene	0.0098		0.01000		97.9	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		101	70	130			
Surr: Toluene-d8	0.0096		0.01000		95.9	70	130			

Sample ID: mb	SampType: MBLK		TestCode: TCLP Volatiles by 8260B							
Client ID: PBW	Batch ID: T86254		RunNo: 86254							
Prep Date:	Analysis Date: 3/4/2022		SeqNo: 3041185		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		103	70	130			
Surr: 4-Bromofluorobenzene	0.0097		0.01000		97.3	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		103	70	130			
Surr: Toluene-d8	0.0094		0.01000		94.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB-66075	SampType: MBLK			TestCode: EPA Method 8270C TCLP						
Client ID: PBW	Batch ID: 66075			RunNo: 86408						
Prep Date: 3/10/2022	Analysis Date: 3/11/2022			SeqNo: 3049458		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.093		0.2000		46.5	15	118			
Surr: Phenol-d5	0.069		0.2000		34.7	15	92.9			
Surr: 2,4,6-Tribromophenol	0.11		0.2000		54.7	15	150			
Surr: Nitrobenzene-d5	0.054		0.1000		54.4	15	136			
Surr: 2-Fluorobiphenyl	0.047		0.1000		47.0	15	134			
Surr: 4-Terphenyl-d14	0.093		0.1000		93.2	15	168			

Sample ID: LCS-66075	SampType: LCS			TestCode: EPA Method 8270C TCLP						
Client ID: LCSW	Batch ID: 66075			RunNo: 86408						
Prep Date: 3/10/2022	Analysis Date: 3/11/2022			SeqNo: 3049459		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.048	0.00010	0.1000	0	48.4	19	106			
3+4-Methylphenol	0.10	0.00010	0.2000	0	51.9	16.3	112			
2,4-Dinitrotoluene	0.040	0.00010	0.1000	0	39.5	15	99.6			
Hexachlorobenzene	0.058	0.00010	0.1000	0	57.8	41.8	111			
Hexachlorobutadiene	0.041	0.00010	0.1000	0	41.0	15	91.5			
Hexachloroethane	0.048	0.00010	0.1000	0	47.9	15	87.5			
Nitrobenzene	0.055	0.00010	0.1000	0	55.1	19.3	114			
Pentachlorophenol	0.055	0.00010	0.1000	0	55.2	29	103			
Pyridine	0.030	0.00010	0.1000	0	29.8	15	92.6			
2,4,5-Trichlorophenol	0.057	0.00010	0.1000	0	56.8	25.2	114			
2,4,6-Trichlorophenol	0.051	0.00010	0.1000	0	50.5	25.7	112			
Cresols, Total	0.15	0.00010	0.3000	0	50.7	15	145			
Surr: 2-Fluorophenol	0.088		0.2000		43.8	15	118			
Surr: Phenol-d5	0.068		0.2000		33.8	15	92.9			
Surr: 2,4,6-Tribromophenol	0.10		0.2000		51.7	15	150			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: LCS-66075		SampType: LCS		TestCode: EPA Method 8270C TCLP						
Client ID: LCSW		Batch ID: 66075		RunNo: 86408						
Prep Date: 3/10/2022		Analysis Date: 3/11/2022		SeqNo: 3049459			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.055		0.1000		54.7	15	136			
Surr: 2-Fluorobiphenyl	0.050		0.1000		50.1	15	134			
Surr: 4-Terphenyl-d14	0.094		0.1000		94.0	15	168			

Sample ID: 2203307-001BMS		SampType: MS			TestCode: EPA Method 8270C TCLP					
Client ID: Injection Well Q1		Batch ID: 66075			RunNo: 86408					
Prep Date: 3/10/2022		Analysis Date: 3/11/2022			SeqNo: 3049461		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.045	0.00010	0.1000	0	45.1	15.8	101			
3+4-Methylphenol	0.098	0.00010	0.2000	0	48.9	16.9	97.9			
2,4-Dinitrotoluene	0.036	0.00010	0.1000	0	36.5	20.1	90.5			
Hexachlorobenzene	0.053	0.00010	0.1000	0	53.5	34	108			
Hexachlorobutadiene	0.040	0.00010	0.1000	0	40.2	15	99.7			
Hexachloroethane	0.045	0.00010	0.1000	0	44.7	15	86.4			
Nitrobenzene	0.052	0.00010	0.1000	0	51.7	15	109			
Pentachlorophenol	0.016	0.00010	0.1000	0	15.8	15	130			
Pyridine	0.041	0.00010	0.1000	0	40.9	15	82			
2,4,5-Trichlorophenol	0.042	0.00010	0.1000	0	42.1	28.1	105			
2,4,6-Trichlorophenol	0.033	0.00010	0.1000	0	33.2	21.5	110			
Cresols, Total	0.14	0.00010	0.3000	0	47.6	15	127			
Surr: 2-Fluorophenol	0.074		0.2000		36.9	15	118			
Surr: Phenol-d5	0.062		0.2000		30.8	15	92.9			
Surr: 2,4,6-Tribromophenol	0.077		0.2000		38.5	15	150			
Surr: Nitrobenzene-d5	0.051		0.1000		50.5	15	136			
Surr: 2-Fluorobiphenyl	0.047		0.1000		47.3	15	134			
Surr: 4-Terphenyl-d14	0.086		0.1000		85.9	15	168			

Sample ID: 2203307-001BMSD		SampType: MSD		TestCode: EPA Method 8270C TCLP						
Client ID:	Injection Well Q1	Batch ID: 66075		RunNo: 86408						
Prep Date:	3/10/2022	Analysis Date: 3/11/2022		SeqNo: 3049462			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.055	0.00010	0.1000	0	54.7	15.8	101	19.2	20	R
3+4-Methylphenol	0.11	0.00010	0.2000	0	57.4	16.9	97.9	16.0	20	
2,4-Dinitrotoluene	0.045	0.00010	0.1000	0	44.8	20.1	90.5	20.5	20	
Hexachlorobenzene	0.054	0.00010	0.1000	0	54.2	34	108	1.33	20	
Hexachlorobutadiene	0.044	0.00010	0.1000	0	44.2	15	99.7	9.65	20	
Hexachloroethane	0.051	0.00010	0.1000	0	50.7	15	86.4	12.5	20	
Nitrobenzene	0.058	0.00010	0.1000	0	57.6	15	109	10.7	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: 2203307-001BMSD		SampType: MSD		TestCode: EPA Method 8270C TCLP						
Client ID:	Injection Well Q1	Batch ID: 66075		RunNo: 86408						
Prep Date:	3/10/2022	Analysis Date: 3/11/2022		SeqNo: 3049462		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Pentachlorophenol	0.052	0.00010	0.1000	0	52.0	15	130	107	20	R
Pyridine	0.033	0.00010	0.1000	0	33.3	15	82	20.6	20	R
2,4,5-Trichlorophenol	0.061	0.00010	0.1000	0	61.5	28.1	105	37.5	20	R
2,4,6-Trichlorophenol	0.058	0.00010	0.1000	0	57.5	21.5	110	53.5	20	R
Cresols, Total	0.17	0.00010	0.3000	0	56.5	15	127	17.0	20	
Surr: 2-Fluorophenol	0.089		0.2000		44.3	15	118	0	0	
Surr: Phenol-d5	0.069		0.2000		34.6	15	92.9	0	0	
Surr: 2,4,6-Tribromophenol	0.13		0.2000		64.0	15	150	0	0	
Surr: Nitrobenzene-d5	0.057		0.1000		56.8	15	136	0	0	
Surr: 2-Fluorobiphenyl	0.057		0.1000		56.6	15	134	0	0	
Surr: 4-Terphenyl-d14	0.083		0.1000		83.3	15	168	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: Ics-1 100.2uS eC	SampType: Ics		TestCode: SM2510B: Specific Conductance							
Client ID: LCSW	Batch ID: R86339		RunNo: 86339							
Prep Date:	Analysis Date: 3/8/2022		SeqNo: 3044793		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	100.2	0	104	85	115			

Sample ID: 2203307-001C dup	SampType: dup		TestCode: SM2510B: Specific Conductance							
Client ID: Injection Well Q1	Batch ID: R86339		RunNo: 86339							
Prep Date:	Analysis Date: 3/8/2022		SeqNo: 3044797		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	4400	10						0.145	20	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB-66107	SampType: MBLK	TestCode: EPA Method 7470A: Mercury								
Client ID: PBW	Batch ID: 66107	RunNo: 86426								
Prep Date: 3/10/2022	Analysis Date: 3/11/2022	SeqNo: 3048971	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: LL LCS-66107	SampType: LCSLL	TestCode: EPA Method 7470A: Mercury								
Client ID: BatchQC	Batch ID: 66107	RunNo: 86426								
Prep Date: 3/10/2022	Analysis Date: 3/11/2022	SeqNo: 3048972	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020	0.0001500	0	98.7	50	150			

Sample ID: LCS-66107	SampType: LCS	TestCode: EPA Method 7470A: Mercury								
Client ID: LCSW	Batch ID: 66107	RunNo: 86426								
Prep Date: 3/10/2022	Analysis Date: 3/11/2022	SeqNo: 3048973	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	97.7	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB-A	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: PBW	Batch ID: B86414	RunNo: 86414								
Prep Date:	Analysis Date: 3/10/2022	SeqNo: 3048734 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Magnesium	ND	1.0								
Potassium	ND	1.0								

Sample ID: LCS-A	SampType: LCS	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: LCSW	Batch ID: B86414	RunNo: 86414								
Prep Date:	Analysis Date: 3/10/2022	SeqNo: 3048736 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	47	1.0	50.00	0	94.7	80	120			
Magnesium	49	1.0	50.00	0	97.7	80	120			
Potassium	49	1.0	50.00	0	97.3	80	120			

Sample ID: 2203307-001DMS	SampType: MS	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: Injection Well Q1	Batch ID: B86414	RunNo: 86414								
Prep Date:	Analysis Date: 3/10/2022	SeqNo: 3048744 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	77	1.0	50.00	29.26	95.3	75	125			
Magnesium	83	1.0	50.00	35.10	96.3	75	125			
Potassium	69	1.0	50.00	20.70	96.6	75	125			

Sample ID: 2203307-001DMSD	SampType: MSD	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: Injection Well Q1	Batch ID: B86414	RunNo: 86414								
Prep Date:	Analysis Date: 3/10/2022	SeqNo: 3048745 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	75	1.0	50.00	29.26	91.7	75	125	2.37	20	
Magnesium	82	1.0	50.00	35.10	92.8	75	125	2.13	20	
Potassium	68	1.0	50.00	20.70	93.7	75	125	2.09	20	

Sample ID: MB-A	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: PBW	Batch ID: A86538	RunNo: 86538								
Prep Date:	Analysis Date: 3/16/2022	SeqNo: 3054355 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.**Project:** Injection Well Q1

Sample ID: LCS-A	SampType: LCS		TestCode: EPA Method 6010B: Dissolved Metals							
Client ID: LCSW	Batch ID: A86538		RunNo: 86538							
Prep Date:	Analysis Date: 3/16/2022		SeqNo: 3054357		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	50	1.0	50.00	0	99.8	80	120			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB-66043	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 66043	RunNo: 86414								
Prep Date: 3/8/2022	Analysis Date: 3/10/2022	SeqNo: 3048535	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Barium	ND	0.0020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Sodium	ND	1.0								

Sample ID: LCS-66043	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 66043	RunNo: 86414								
Prep Date: 3/8/2022	Analysis Date: 3/10/2022	SeqNo: 3048537	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Barium	0.51	0.0020	0.5000	0	103	80	120			
Cadmium	0.52	0.0020	0.5000	0	103	80	120			
Calcium	50	1.0	50.00	0	99.0	80	120			
Chromium	0.51	0.0060	0.5000	0	102	80	120			
Magnesium	49	1.0	50.00	0	98.4	80	120			
Potassium	48	1.0	50.00	0	96.8	80	120			
Sodium	45	1.0	50.00	0	89.3	80	120			

Sample ID: MB-66043	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 66043	RunNo: 86414								
Prep Date: 3/8/2022	Analysis Date: 3/10/2022	SeqNo: 3048761	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Silver	ND	0.0050								
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Sample ID: LCS-66043	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 66043	RunNo: 86414								
Prep Date: 3/8/2022	Analysis Date: 3/10/2022	SeqNo: 3048763	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Silver	0.097	0.0050	0.1000	0	96.8	80	120			
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Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: 2203307-001C dup	SampType: dup	TestCode: SM4500-H+B / 9040C: pH
Client ID: Injection Well Q1	Batch ID: R86339	RunNo: 86339
Prep Date:	Analysis Date: 3/8/2022	SeqNo: 3044777 Units: pH units
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
pH	7.96	H

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: mb-1 alk	SampType: mblk		TestCode: SM2320B: Alkalinity							
Client ID: PBW	Batch ID: R86339		RunNo: 86339							
Prep Date:	Analysis Date: 3/8/2022		SeqNo: 3044753		Units: mg/L CaCO3					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	ND	20.00								

Sample ID: lcs-1 alk	SampType: lcs		TestCode: SM2320B: Alkalinity							
Client ID: LCSW	Batch ID: R86339		RunNo: 86339							
Prep Date:	Analysis Date: 3/8/2022		SeqNo: 3044754		Units: mg/L CaCO3					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	73.52	20.00	80.00	0	91.9	90	110			

Sample ID: 2203307-001C dup	SampType: dup		TestCode: SM2320B: Alkalinity							
Client ID: Injection Well Q1	Batch ID: R86339		RunNo: 86339							
Prep Date:	Analysis Date: 3/8/2022		SeqNo: 3044758		Units: mg/L CaCO3					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	512.7	20.00						0.281	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203307

14-Apr-22

Client: Western Refining Southwest, Inc.

Project: Injection Well Q1

Sample ID: MB-66054	SampType: MBLK		TestCode: SM2540C MOD: Total Dissolved Solids							
Client ID: PBW	Batch ID: 66054		RunNo: 86384							
Prep Date: 3/9/2022	Analysis Date: 3/10/2022		SeqNo: 3046981		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: LCS-66054	SampType: LCS		TestCode: SM2540C MOD: Total Dissolved Solids							
Client ID: LCSW	Batch ID: 66054		RunNo: 86384							
Prep Date: 3/9/2022	Analysis Date: 3/10/2022		SeqNo: 3046982		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Sample Log-In Check List

Client Name: **Western Refining
Southwest, Inc.**

Work Order Number: **2203307**

RcptNo: 1

Received By: **Cheyenne Cason** 3/4/2022 8:00:00 AM

Completed By: **Cheyenne Cason** 3/4/2022 9:44:57 AM

Reviewed By: *KAC 3/4/22*

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☒ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☒ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐
of preserved bottles checked for pH: *2*
Adjusted? *yes*
Checked by: *JA 3/4/22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks: *Filtered from unpreserved 250ml plastic bottle 125ml. Added 0.4ml of H+As to sample OOD for pH < 2. Used*

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.8	Good	Yes			
2	1.9	Good	Yes			

1 filter from LOT FG5424. JA 3/4/22.

Remarks:



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

March 29, 2022

Eddie Hubbert

AECOM

6501 Americas Parkway NE Suite 900

Albuquerque, NM 87110

TEL: (505) 855-7500

FAX (505) 855-7555

RE: MPC Bloomfield Terminal

OrderNo.: 2203978

Dear Eddie Hubbert:

Hall Environmental Analysis Laboratory received 4 sample(s) on 3/17/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2203978

Date Reported: 3/29/2022

CLIENT: AECOM

Client Sample ID: MW-52

Project: MPC Bloomfield Terminal

Collection Date: 3/17/2022 11:45:00 AM

Lab ID: 2203978-001

Matrix: GROUNDWA

Received Date: 3/17/2022 2:26:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	620	25	*	mg/L	50	3/21/2022 5:11:24 PM	R86656
Sulfate	1500	25	*	mg/L	50	3/21/2022 5:11:24 PM	R86656

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2203978

Date Reported: 3/29/2022

CLIENT: AECOM

Client Sample ID: MW-53

Project: MPC Bloomfield Terminal

Collection Date: 3/17/2022 11:20:00 AM

Lab ID: 2203978-002

Matrix: GROUNDWA

Received Date: 3/17/2022 2:26:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	800	50	*	mg/L	100	3/21/2022 5:23:49 PM	R86656
Sulfate	1100	50	*	mg/L	100	3/21/2022 5:23:49 PM	R86656

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2203978

Date Reported: 3/29/2022

CLIENT: AECOM

Client Sample ID: MW-68

Project: MPC Bloomfield Terminal

Collection Date: 3/17/2022 1:05:00 PM

Lab ID: 2203978-003

Matrix: GROUNDWA

Received Date: 3/17/2022 2:26:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	29	2.5		mg/L	5	3/17/2022 8:24:04 PM	A86573
Sulfate	240	2.5		mg/L	5	3/17/2022 8:24:04 PM	A86573

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2203978

Date Reported: 3/29/2022

CLIENT: AECOM

Client Sample ID: MW-78

Project: MPC Bloomfield Terminal

Collection Date: 3/17/2022 12:25:00 PM

Lab ID: 2203978-004

Matrix: GROUNDWA

Received Date: 3/17/2022 2:26:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	160	10		mg/L	20	3/18/2022 7:32:41 PM	R86596
Sulfate	940	10	*	mg/L	20	3/18/2022 7:32:41 PM	R86596

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203978

29-Mar-22

Client: AECOM
Project: MPC Bloomfield Terminal

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: A86573	RunNo: 86573								
Prep Date:	Analysis Date: 3/17/2022	SeqNo: 3055645 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: A86573	RunNo: 86573								
Prep Date:	Analysis Date: 3/17/2022	SeqNo: 3055646 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.7	90	110			
Sulfate	9.5	0.50	10.00	0	95.3	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R86596	RunNo: 86596								
Prep Date:	Analysis Date: 3/18/2022	SeqNo: 3056595 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R86596	RunNo: 86596								
Prep Date:	Analysis Date: 3/18/2022	SeqNo: 3056596 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	5.0	0.50	5.000	0	100	90	110			
Sulfate	9.9	0.50	10.00	0	99.4	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R86656	RunNo: 86656								
Prep Date:	Analysis Date: 3/21/2022	SeqNo: 3059239 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R86656	RunNo: 86656								
Prep Date:	Analysis Date: 3/21/2022	SeqNo: 3059240 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203978

29-Mar-22

Client: AECOM
Project: MPC Bloomfield Terminal

Sample ID: LCS	SampType: lcs			TestCode: EPA Method 300.0: Anions						
Client ID: LCSW	Batch ID: R86656			RunNo: 86656						
Prep Date:	Analysis Date: 3/21/2022			SeqNo: 3059240		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.4	90	110			
Sulfate	9.4	0.50	10.00	0	94.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Sample Log-In Check List

Client Name: AECOM

Work Order Number: 2203978

RcptNo: 1

Received By: Kasandra Payan

3/17/2022 2:26:00 PM

Completed By: Cheyenne Cason

3/17/2022 3:06:46 PM

Reviewed By: *[Signature]* 3-17-22

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐
- # of preserved bottles checked for pH: *[Handwritten: 12]*
(<2 or >12 unless noted)
Adjusted? *[Handwritten: No]*
Checked by: *[Handwritten: See 3/17/22]*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.3	Good	Not Present			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

January 11, 2022

Gill Valenzuela

Western Refining Abq Products Terminal
2040 2nd St. SW
Albuquerque, NM 87102
TEL: (505) 243-5579
FAX:

RE: Transmix Samples

OrderNo.: 2111D07

Dear Gill Valenzuela:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/29/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Case Narrative

WO#: 2111D07
Date: 1/11/2022

CLIENT: Western Refining Abq Products Terminal

Project: Transmix Samples

Analytical Notes Regarding EPA Method 8270:

Pyridine is reported with an "E" flag. The "E" flag is used to represent an estimated value. Pyridine was not detected in the sample, but the calibration curve for this compound did not meet the method requirements.

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2111D07

Date Reported: 1/11/2022

CLIENT: Western Refining Abq Products Terminal
Project: Transmix Samples
Lab ID: 2111D07-001A

Client Sample ID: Transmix
Collection Date: 11/17/2021 7:00:00 AM
Matrix: Aqueous

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: CCM
Benzene	71000	1000		µg/L	1000	11/30/2021 2:09:00 PM
Toluene	240000	10000		µg/L	10000	11/30/2021 1:46:00 PM
Ethylbenzene	25000	1000		µg/L	1000	11/30/2021 2:09:00 PM
Xylenes, Total	110000	1500		µg/L	1000	11/30/2021 2:09:00 PM
Surr: 1,2-Dichloroethane-d4	90.8	70-130		%Rec	1000	11/30/2021 2:09:00 PM
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1000	11/30/2021 2:09:00 PM
Surr: Dibromofluoromethane	95.2	70-130		%Rec	1000	11/30/2021 2:09:00 PM
Surr: Toluene-d8	99.2	70-130		%Rec	1000	11/30/2021 2:09:00 PM
TCLP VOLATILES BY 8260B						Analyst: CCM
Benzene	71	0.50		mg/L	1000	11/30/2021 2:09:00 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	11/30/2021 11:48:00 AM
2-Butanone	ND	200		mg/L	200	11/30/2021 11:48:00 AM
Carbon Tetrachloride	ND	0.50		mg/L	200	11/30/2021 11:48:00 AM
Chloroform	ND	6.0		mg/L	200	11/30/2021 11:48:00 AM
1,4-Dichlorobenzene	ND	7.5		mg/L	200	11/30/2021 11:48:00 AM
1,1-Dichloroethene	ND	0.70		mg/L	200	11/30/2021 11:48:00 AM
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	11/30/2021 11:48:00 AM
Trichloroethene (TCE)	ND	0.50		mg/L	200	11/30/2021 11:48:00 AM
Vinyl chloride	ND	0.20		mg/L	200	11/30/2021 11:48:00 AM
Chlorobenzene	ND	100		mg/L	200	11/30/2021 11:48:00 AM
Surr: 1,2-Dichloroethane-d4	91.3	70-130		%Rec	200	11/30/2021 11:48:00 AM
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	200	11/30/2021 11:48:00 AM
Surr: Dibromofluoromethane	93.3	70-130		%Rec	200	11/30/2021 11:48:00 AM
Surr: Toluene-d8	100	70-130		%Rec	200	11/30/2021 11:48:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order: 2111D07

Date Reported: 1/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Abq Products Terminal
Project: Transmix Samples
Lab ID: 2111D07-001B

Client Sample ID: Transmix
Collection Date: 11/17/2021 7:00:00 AM
Matrix: Aqueous

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C TCLP						Analyst: JME
2-Methylphenol	ND	200	HD	mg/L	10	1/4/2022 3:35:46 PM
3+4-Methylphenol	ND	200	HD	mg/L	10	1/4/2022 3:35:46 PM
2,4-Dinitrotoluene	ND	0.13	HD	mg/L	10	1/4/2022 3:35:46 PM
Hexachlorobenzene	ND	0.13	HD	mg/L	10	1/4/2022 3:35:46 PM
Hexachlorobutadiene	ND	0.50	HD	mg/L	10	1/4/2022 3:35:46 PM
Hexachloroethane	ND	3.0	HD	mg/L	10	1/4/2022 3:35:46 PM
Nitrobenzene	ND	2.0	HD	mg/L	10	1/4/2022 3:35:46 PM
Pentachlorophenol	ND	100	HD	mg/L	10	1/4/2022 3:35:46 PM
Pyridine	ND	5.0	EHD	mg/L	10	1/4/2022 3:35:46 PM
2,4,5-Trichlorophenol	ND	400	HD	mg/L	10	1/4/2022 3:35:46 PM
2,4,6-Trichlorophenol	ND	2.0	HD	mg/L	10	1/4/2022 3:35:46 PM
Cresols, Total	ND	200	HD	mg/L	10	1/4/2022 3:35:46 PM
Surr: 2-Fluorophenol	0	15-118	SHD	%Rec	10	1/4/2022 3:35:46 PM
Surr: Phenol-d5	0	15-92.9	SHD	%Rec	10	1/4/2022 3:35:46 PM
Surr: 2,4,6-Tribromophenol	0	15-150	SHD	%Rec	10	1/4/2022 3:35:46 PM
Surr: Nitrobenzene-d5	0	15-136	SHD	%Rec	10	1/4/2022 3:35:46 PM
Surr: 2-Fluorobiphenyl	0	15-134	SHD	%Rec	10	1/4/2022 3:35:46 PM
Surr: 4-Terphenyl-d14	0	15-168	SHD	%Rec	10	1/4/2022 3:35:46 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical ReportLab Order: **2111D07**Date Reported: **1/11/2022****Hall Environmental Analysis Laboratory, Inc.**

CLIENT: Western Refining Abq Products Terminal
Project: Transmix Samples
Lab ID: 2111D07-001C

Client Sample ID: Transmix
Collection Date: 11/17/2021 7:00:00 AM
Matrix: Aqueous

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SM4500-H+B / 9040C: PH						Analyst: MRA
pH	7.01		H	pH units	1	12/13/2021 3:15:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order: 2111D07

Date Reported: 1/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Abq Products Terminal
Project: Transmix Samples
Lab ID: 2111D07-001D

Client Sample ID: Transmix
Collection Date: 11/17/2021 7:00:00 AM
Matrix: Aqueous

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 7470A: MERCURY						Analyst: VP
Mercury	ND	0.020		mg/L	5	12/13/2021 12:54:09 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: JLF
Arsenic	ND	5.0		mg/L	1	12/1/2021 6:17:18 PM
Barium	ND	100		mg/L	1	12/1/2021 6:17:18 PM
Cadmium	ND	1.0		mg/L	1	12/1/2021 6:17:18 PM
Chromium	ND	5.0		mg/L	1	12/1/2021 6:17:18 PM
Lead	ND	5.0		mg/L	1	12/1/2021 6:17:18 PM
Selenium	ND	1.0		mg/L	1	12/1/2021 6:17:18 PM
Silver	ND	5.0		mg/L	1	12/1/2021 6:17:18 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2111D07

Date Reported: 1/11/2022

CLIENT: Western Refining Abq Products Terminal
Project: Transmix Samples
Lab ID: 2111D07-002A

Client Sample ID: Trip Blank
Collection Date:
Matrix: Trip Blank

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TCLP VOLATILES BY 8260B						Analyst: CCM
Benzene	ND	0.50		mg/L	1	11/30/2021 2:56:00 PM
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	1	11/30/2021 2:56:00 PM
2-Butanone	ND	200		mg/L	1	11/30/2021 2:56:00 PM
Carbon Tetrachloride	ND	0.50		mg/L	1	11/30/2021 2:56:00 PM
Chloroform	ND	6.0		mg/L	1	11/30/2021 2:56:00 PM
1,4-Dichlorobenzene	ND	7.5		mg/L	1	11/30/2021 2:56:00 PM
1,1-Dichloroethene	ND	0.70		mg/L	1	11/30/2021 2:56:00 PM
Tetrachloroethene (PCE)	ND	0.70		mg/L	1	11/30/2021 2:56:00 PM
Trichloroethene (TCE)	ND	0.50		mg/L	1	11/30/2021 2:56:00 PM
Vinyl chloride	ND	0.20		mg/L	1	11/30/2021 2:56:00 PM
Chlorobenzene	ND	100		mg/L	1	11/30/2021 2:56:00 PM
Surr: 1,2-Dichloroethane-d4	93.4	70-130		%Rec	1	11/30/2021 2:56:00 PM
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	11/30/2021 2:56:00 PM
Surr: Dibromofluoromethane	99.3	70-130		%Rec	1	11/30/2021 2:56:00 PM
Surr: Toluene-d8	98.3	70-130		%Rec	1	11/30/2021 2:56:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: 100ng lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batch ID: R83161		RunNo: 83161							
Prep Date:	Analysis Date: 11/30/2021		SeqNo: 2954750		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	95.2	70	130			
Toluene	20	1.0	20.00	0	100	70	130			
Chlorobenzene	21	1.0	20.00	0	104	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	93.5	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	95.7	70	130			
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.6	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.9	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	9.8		10.00		98.4	70	130			

Sample ID: MB	SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW	Batch ID: R83161		RunNo: 83161							
Prep Date:	Analysis Date: 11/30/2021		SeqNo: 2955135		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
2-Butanone	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
1,1-Dichloroethene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
Tetrachloroethene (PCE)	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.6		10.00		96.1	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		95.6	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	9.8		10.00		98.2	70	130			

Sample ID: 100ng 8260 lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batch ID: R83161		RunNo: 83161							
Prep Date:	Analysis Date: 11/30/2021		SeqNo: 2955602		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Estimated value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of range due to dilution or matrix interference	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: 100ng 8260 lcs	SampType: LCS		TestCode: EPA Method 8260B: VOLATILES							
Client ID: LCSW	Batch ID: R83161		RunNo: 83161							
Prep Date:	Analysis Date: 11/30/2021		SeqNo: 2955602		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.8	70	130			
Toluene	20	1.0	20.00	0	99.3	70	130			
Chlorobenzene	21	1.0	20.00	0	103	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	91.9	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	94.4	70	130			
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.9	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.4	70	130			
Surr: Dibromofluoromethane	9.7		10.00		96.7	70	130			
Surr: Toluene-d8	9.7		10.00		96.9	70	130			

Sample ID: mb 2	SampType: MBLK		TestCode: EPA Method 8260B: VOLATILES							
Client ID: PBW	Batch ID: R83161		RunNo: 83161							
Prep Date:	Analysis Date: 11/30/2021		SeqNo: 2955603		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
2-Butanone	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroform	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
1,1-Dichloroethene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
Tetrachloroethene (PCE)	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.3		10.00		93.4	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.5	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.8		10.00		98.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: 100ng lcs	SampType: LCS			TestCode: TCLP Volatiles by 8260B						
Client ID: LCSW	Batch ID: R83161			RunNo: 83161						
Prep Date:	Analysis Date: 11/30/2021			SeqNo: 2955401		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.10	0.02000	0	95.2	70	130			
1,1-Dichloroethene	ND	0.10	0.02000	0	93.5	70	130			
Trichloroethene (TCE)	ND	0.10	0.02000	0	95.7	70	130			
Chlorobenzene	ND	0.10	0.02000	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	0.0095		0.01000		94.6	70	130			
Surr: 4-Bromofluorobenzene	0.0095		0.01000		94.9	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		103	70	130			
Surr: Toluene-d8	0.0098		0.01000		98.4	70	130			

Sample ID: MB	SampType: MBLK			TestCode: TCLP Volatiles by 8260B						
Client ID: PBW	Batch ID: R83161			RunNo: 83161						
Prep Date:	Analysis Date: 11/30/2021			SeqNo: 2955402		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.0096		0.01000		96.1	70	130			
Surr: 4-Bromofluorobenzene	0.0096		0.01000		95.6	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		103	70	130			
Surr: Toluene-d8	0.0098		0.01000		98.2	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: MB-64371	SampType: MBLK		TestCode: EPA Method 8270C TCLP							
Client ID: PBW	Batch ID: 64371		RunNo: 84935							
Prep Date: 12/8/2021	Analysis Date: 1/4/2022		SeqNo: 2988098		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	40								E
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0		0.2000		0	15	118			S
Surr: Phenol-d5	0.099		0.2000		49.4	15	92.9			
Surr: 2,4,6-Tribromophenol	0.19		0.2000		93.5	15	150			
Surr: Nitrobenzene-d5	0.074		0.1000		73.8	15	136			
Surr: 2-Fluorobiphenyl	0.072		0.1000		71.7	15	134			
Surr: 4-Terphenyl-d14	0.13		0.1000		131	15	168			

Sample ID: LCS-64371	SampType: LCS		TestCode: EPA Method 8270C TCLP							
Client ID: LCSW	Batch ID: 64371		RunNo: 84935							
Prep Date: 12/8/2021	Analysis Date: 1/4/2022		SeqNo: 2988099		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.074	0.00010	0.1000	0	74.2	19	106			
3+4-Methylphenol	0.16	0.00010	0.2000	0	77.6	16.3	112			
2,4-Dinitrotoluene	0.058	0.00010	0.1000	0	58.3	15	99.6			
Hexachlorobenzene	0.095	0.00010	0.1000	0	95.4	41.8	111			
Hexachlorobutadiene	0.054	0.00010	0.1000	0	54.3	15	91.5			
Hexachloroethane	0.060	0.00010	0.1000	0	60.0	15	87.5			
Nitrobenzene	0.067	0.00010	0.1000	0	66.6	19.3	114			
Pentachlorophenol	0.084	0.00010	0.1000	0	83.5	29	103			
Pyridine	0.028	0.00010	0.1000	0	27.9	15	92.6			E
2,4,5-Trichlorophenol	0.080	0.00010	0.1000	0	79.8	25.2	114			
2,4,6-Trichlorophenol	0.077	0.00010	0.1000	0	76.7	25.7	112			
Cresols, Total	0.23	0.00010	0.3000	0	76.5	15	145			
Surr: 2-Fluorophenol	0.12		0.2000		59.7	15	118			
Surr: Phenol-d5	0.098		0.2000		48.8	15	92.9			
Surr: 2,4,6-Tribromophenol	0.16		0.2000		82.1	15	150			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: LCS-64371		SampType: LCS		TestCode: EPA Method 8270C TCLP						
Client ID: LCSW		Batch ID: 64371		RunNo: 84935						
Prep Date: 12/8/2021		Analysis Date: 1/4/2022		SeqNo: 2988099			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.070		0.1000		69.9	15	136			
Surr: 2-Fluorobiphenyl	0.072		0.1000		71.6	15	134			
Surr: 4-Terphenyl-d14	0.12		0.1000		122	15	168			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: MB-64441	SampType: MBLK	TestCode: EPA Method 7470A: Mercury
Client ID: PBW	Batch ID: 64441	RunNo: 84480
Prep Date: 12/11/2021	Analysis Date: 12/13/2021	SeqNo: 2968622 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND 0.00020	

Sample ID: LCSLL-64441	SampType: LCSLL	TestCode: EPA Method 7470A: Mercury
Client ID: BatchQC	Batch ID: 64441	RunNo: 84480
Prep Date: 12/11/2021	Analysis Date: 12/13/2021	SeqNo: 2968623 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND 0.00020 0.0001500	0 76.3 50 150

Sample ID: LCS-64441	SampType: LCS	TestCode: EPA Method 7470A: Mercury
Client ID: LCSW	Batch ID: 64441	RunNo: 84480
Prep Date: 12/11/2021	Analysis Date: 12/13/2021	SeqNo: 2968624 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	0.0051 0.00020 0.005000	0 101 85 115

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: MB-64195	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 64195	RunNo: 83236								
Prep Date: 11/29/2021	Analysis Date: 12/1/2021	SeqNo: 2957554	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.030								
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Lead	ND	0.020								
Selenium	ND	0.050								
Silver	ND	0.0050								

Sample ID: LCS-64195	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 64195	RunNo: 83236								
Prep Date: 11/29/2021	Analysis Date: 12/1/2021	SeqNo: 2957556	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.48	0.030	0.5000	0	95.8	80	120			
Barium	0.47	0.0020	0.5000	0	93.6	80	120			
Cadmium	0.47	0.0020	0.5000	0	93.8	80	120			
Chromium	0.47	0.0060	0.5000	0	94.0	80	120			
Lead	0.48	0.020	0.5000	0	95.1	80	120			
Selenium	0.47	0.050	0.5000	0	93.6	80	120			
Silver	0.093	0.0050	0.1000	0	92.9	80	120			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111D07

24-Feb-22

Client: Western Refining Abq Products Terminal

Project: Transmix Samples

Sample ID: 2111D07-001C DUP		SampType: DUP		TestCode: SM4500-H+B / 9040C: pH						
Client ID: Transmix		Batch ID: R84497		RunNo: 84497						
Prep Date:		Analysis Date: 12/13/2021		SeqNo: 2969429		Units: pH units				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.10									H

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Sample Log-In Check List

Client Name: **Western Refining Abq
Asphalt Terminal**

Work Order Number: **2111D07**

RcptNo: **1**

Received By: **Cheyenne Cason**

11/29/2021 3:08:00 PM

Cason

Completed By: **Cheyenne Cason**

11/29/2021 3:30:34 PM

Cason

Reviewed By:

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☒ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☒ No ☐ NA ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	22.3	Good	Not Present			

www.hallenvironmental.com

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

email or Fax#: <i>RBack @ Marathon Petroleum</i>	Project Manager:
QA/QC Package: <i>com</i>	
☒ Standard	<i>Gil Valenzuela</i>
☐ Level 4 (Full Validation)	
Accreditation: ☐ Az Compliance	Sampler:
☐ NELAC ☐ Other	On Ice: ☒ Yes ☒ No
☐ EDD (Type)	# of Coolers: <i>1</i>

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
11/17	7:00		Transmix	Plastic		2111007
11/17	7:00		Transmix	Plastic		2001
11/17	7:00		Transmix	Glass	+	
11/17	7:00		HCI Trip Blank	Glass	cut / 002	
11/17	7:00		HCI	Glass	wat / 001	
11/17	7:00		Transmix	Glass	+	001
11/17	7:00		Transmix	Glass		
11/17	7:00		Transmix	Glass		
11/17	7:00		Transmix	Glass		
11/17	7:00		Transmix	Glass		
11/17	7:00		Transmix	Glass		

Date: 11/17	Time: 7:00	Relinquished by: Roy Back	Received by:	Via:	Date	Time
Date: 11/17	Time: 15:10	Relinquished by: Roy Back	Received by: Inc 000	Via:	11/29/19	15:08

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Attachment D

Quarterly Operational Summary

Attachment D
Injection Well Operations Information

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/1/22 0:00	0	-1	570	202493
1/1/22 0:30	0	-1	570	202493
1/1/22 1:00	0	-1	570	202493
1/1/22 1:30	0	-1	570	202493
1/1/22 2:00	0	-1	570	202493
1/1/22 2:30	0	-1	570	202493
1/1/22 3:00	0	-1	570	202493
1/1/22 3:30	0	-1	570	202493
1/1/22 4:00	0	-1	570	202493
1/1/22 4:30	0	-1	570	202493
1/1/22 5:00	0	-1	570	202493
1/1/22 5:30	0	-1	570	202493
1/1/22 6:00	0	-1	570	202493
1/1/22 6:30	0	-1	570	202493
1/1/22 7:00	0	-1	570	202493
1/1/22 7:30	0	0	570	202493
1/1/22 8:00	0	-1	570	202493
1/1/22 8:30	0	0	570	202493
1/1/22 9:00	0	0	570	202493
1/1/22 9:30	0	0	570	202493
1/1/22 10:00	0	0	570	202493
1/1/22 10:30	0	0	570	202493
1/1/22 11:00	0	0	570	202493
1/1/22 11:30	0	0	570	202493
1/1/22 12:00	0	0	570	202493
1/1/22 12:30	0	0	570	202493
1/1/22 13:00	0	0	570	202493
1/1/22 13:30	0	0	570	202493
1/1/22 14:00	0	0	570	202493
1/1/22 14:30	0	0	570	202493
1/1/22 15:00	0	0	570	202493
1/1/22 15:30	0	0	570	202493
1/1/22 16:00	0	0	570	202493
1/1/22 16:30	0	0	569	202493
1/1/22 17:00	0	0	569	202493
1/1/22 17:30	0	0	569	202493
1/1/22 18:00	0	0	569	202493
1/1/22 18:30	0	0	569	202493
1/1/22 19:00	0	0	569	202493
1/1/22 19:30	0	0	569	202493
1/1/22 20:00	0	0	569	202493
1/1/22 20:30	0	0	569	202493
1/1/22 21:00	0	0	569	202493
1/1/22 21:30	0	0	569	202493
1/1/22 22:00	0	0	569	202493
1/1/22 22:30	0	0	569	202493
1/1/22 23:00	0	0	569	202493
1/1/22 23:30	0	0	569	202493
1/2/22 0:00	0	0	569	202493
1/2/22 0:30	0	0	569	202493
1/2/22 1:00	0	0	569	202493
1/2/22 1:30	0	0	568	202493
1/2/22 2:00	0	0	569	202493
1/2/22 2:30	0	0	569	202493
1/2/22 3:00	0	0	569	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/2/22 3:30	0	0	568	202493
1/2/22 4:00	0	0	568	202493
1/2/22 4:30	0	0	568	202493
1/2/22 5:00	0	0	568	202493
1/2/22 5:30	0	0	569	202493
1/2/22 6:00	0	0	569	202493
1/2/22 6:30	0	0	569	202493
1/2/22 7:00	0	0	568	202493
1/2/22 7:30	0	0	569	202493
1/2/22 8:00	0	0	570	202493
1/2/22 8:30	0	0	570	202493
1/2/22 9:00	0	0	570	202493
1/2/22 9:30	0	0	570	202493
1/2/22 10:00	0	0	570	202493
1/2/22 10:30	0	0	570	202493
1/2/22 11:00	0	0	569	202493
1/2/22 11:30	0	0	569	202493
1/2/22 12:00	0	0	569	202493
1/2/22 12:30	0	0	569	202493
1/2/22 13:00	0	0	569	202493
1/2/22 13:30	0	0	569	202493
1/2/22 14:00	0	0	569	202493
1/2/22 14:30	0	0	569	202493
1/2/22 15:00	0	0	569	202493
1/2/22 15:30	0	0	569	202493
1/2/22 16:00	0	0	569	202493
1/2/22 16:30	0	0	569	202493
1/2/22 17:00	0	0	568	202493
1/2/22 17:30	0	0	568	202493
1/2/22 18:00	0	0	568	202493
1/2/22 18:30	0	0	568	202493
1/2/22 19:00	0	0	568	202493
1/2/22 19:30	0	0	568	202493
1/2/22 20:00	0	0	568	202493
1/2/22 20:30	0	0	568	202493
1/2/22 21:00	0	0	568	202493
1/2/22 21:30	0	0	568	202493
1/2/22 22:00	0	0	568	202493
1/2/22 22:30	0	0	568	202493
1/2/22 23:00	0	0	568	202493
1/2/22 23:30	0	0	568	202493
1/3/22 0:00	0	0	568	202493
1/3/22 0:30	0	0	568	202493
1/3/22 1:00	0	0	568	202493
1/3/22 1:30	0	0	568	202493
1/3/22 2:00	0	0	568	202493
1/3/22 2:30	0	0	568	202493
1/3/22 3:00	0	0	568	202493
1/3/22 3:30	0	0	568	202493
1/3/22 4:00	0	0	568	202493
1/3/22 4:30	0	0	568	202493
1/3/22 5:00	0	0	569	202493
1/3/22 5:30	0	0	568	202493
1/3/22 6:00	0	0	568	202493
1/3/22 6:30	0	0	568	202493
1/3/22 7:00	0	0	568	202493
1/3/22 7:30	0	0	568	202493
1/3/22 8:00	0	0	569	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/3/22 8:30	0	0	569	202493
1/3/22 9:00	0	0	569	202493
1/3/22 9:30	0	0	569	202493
1/3/22 10:00	0	0	569	202493
1/3/22 10:30	0	0	569	202493
1/3/22 11:00	0	0	569	202493
1/3/22 11:30	0	0	568	202493
1/3/22 12:00	0	0	568	202493
1/3/22 12:30	0	0	568	202493
1/3/22 13:00	0	0	568	202493
1/3/22 13:30	0	0	568	202493
1/3/22 14:00	0	0	568	202493
1/3/22 14:30	0	0	568	202493
1/3/22 15:00	0	0	568	202493
1/3/22 15:30	0	0	568	202493
1/3/22 16:00	0	0	568	202493
1/3/22 16:30	0	0	568	202493
1/3/22 17:00	0	0	568	202493
1/3/22 17:30	0	0	568	202493
1/3/22 18:00	0	0	568	202493
1/3/22 18:30	0	0	568	202493
1/3/22 19:00	0	0	568	202493
1/3/22 19:30	0	0	568	202493
1/3/22 20:00	0	0	567	202493
1/3/22 20:30	0	0	567	202493
1/3/22 21:00	0	0	567	202493
1/3/22 21:30	0	0	567	202493
1/3/22 22:00	0	0	568	202493
1/3/22 22:30	0	0	568	202493
1/3/22 23:00	0	0	567	202493
1/3/22 23:30	0	0	568	202493
1/4/22 0:00	0	0	568	202493
1/4/22 0:30	0	0	568	202493
1/4/22 1:00	0	0	568	202493
1/4/22 1:30	0	0	568	202493
1/4/22 2:00	0	0	568	202493
1/4/22 2:30	0	0	568	202493
1/4/22 3:00	0	0	567	202493
1/4/22 3:30	0	0	567	202493
1/4/22 4:00	0	0	567	202493
1/4/22 4:30	0	0	567	202493
1/4/22 5:00	0	0	567	202493
1/4/22 5:30	0	0	567	202493
1/4/22 6:00	0	0	567	202493
1/4/22 6:30	0	0	567	202493
1/4/22 7:00	0	0	567	202493
1/4/22 7:30	0	0	567	202493
1/4/22 8:00	0	0	568	202493
1/4/22 8:30	0	0	568	202493
1/4/22 9:00	0	0	568	202493
1/4/22 9:30	0	0	568	202493
1/4/22 10:00	0	0	568	202493
1/4/22 10:30	0	0	568	202493
1/4/22 11:00	0	0	568	202493
1/4/22 11:30	0	0	568	202493
1/4/22 12:00	0	0	568	202493
1/4/22 12:30	0	0	568	202493
1/4/22 13:00	0	0	568	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/4/22 13:30	0	0	568	202493
1/4/22 14:00	0	0	568	202493
1/4/22 14:30	0	0	568	202493
1/4/22 15:00	0	0	567	202493
1/4/22 15:30	0	0	567	202493
1/4/22 16:00	0	0	567	202493
1/4/22 16:30	0	0	567	202493
1/4/22 17:00	0	0	567	202493
1/4/22 17:30	0	0	567	202493
1/4/22 18:00	0	0	567	202493
1/4/22 18:30	0	0	567	202493
1/4/22 19:00	0	0	567	202493
1/4/22 19:30	0	0	567	202493
1/4/22 20:00	0	0	567	202493
1/4/22 20:30	0	0	567	202493
1/4/22 21:00	0	0	567	202493
1/4/22 21:30	0	0	567	202493
1/4/22 22:00	0	0	567	202493
1/4/22 22:30	0	0	567	202493
1/4/22 23:00	0	0	567	202493
1/4/22 23:30	0	0	566	202493
1/5/22 0:00	0	0	567	202493
1/5/22 0:30	0	0	567	202493
1/5/22 1:00	0	0	566	202493
1/5/22 1:30	0	0	566	202493
1/5/22 2:00	0	0	566	202493
1/5/22 2:30	0	0	566	202493
1/5/22 3:00	0	0	567	202493
1/5/22 3:30	0	0	566	202493
1/5/22 4:00	0	0	567	202493
1/5/22 4:30	0	0	566	202493
1/5/22 5:00	0	0	566	202493
1/5/22 5:30	0	0	566	202493
1/5/22 6:00	0	0	566	202493
1/5/22 6:30	0	0	566	202493
1/5/22 7:00	0	0	567	202493
1/5/22 7:30	0	0	567	202493
1/5/22 8:00	0	0	568	202493
1/5/22 8:30	0	0	568	202493
1/5/22 9:00	0	0	568	202493
1/5/22 9:30	0	0	568	202493
1/5/22 10:00	0	0	567	202493
1/5/22 10:30	0	0	567	202493
1/5/22 11:00	0	0	567	202493
1/5/22 11:30	0	0	567	202493
1/5/22 12:00	0	0	567	202493
1/5/22 12:30	0	0	567	202493
1/5/22 13:00	0	0	567	202493
1/5/22 13:30	0	0	567	202493
1/5/22 14:00	0	0	567	202493
1/5/22 14:30	0	0	566	202493
1/5/22 15:00	0	0	567	202493
1/5/22 15:30	0	0	567	202493
1/5/22 16:00	0	0	567	202493
1/5/22 16:30	0	0	567	202493
1/5/22 17:00	0	0	566	202493
1/5/22 17:30	0	0	566	202493
1/5/22 18:00	0	0	566	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/5/22 18:30	0	0	566	202493
1/5/22 19:00	0	0	566	202493
1/5/22 19:30	0	0	566	202493
1/5/22 20:00	0	0	566	202493
1/5/22 20:30	0	0	566	202493
1/5/22 21:00	0	0	566	202493
1/5/22 21:30	0	0	566	202493
1/5/22 22:00	0	0	566	202493
1/5/22 22:30	0	0	566	202493
1/5/22 23:00	0	0	566	202493
1/5/22 23:30	0	0	566	202493
1/6/22 0:00	0	0	566	202493
1/6/22 0:30	0	0	566	202493
1/6/22 1:00	0	0	566	202493
1/6/22 1:30	0	0	566	202493
1/6/22 2:00	0	0	566	202493
1/6/22 2:30	0	0	566	202493
1/6/22 3:00	0	0	566	202493
1/6/22 3:30	0	0	566	202493
1/6/22 4:00	0	0	566	202493
1/6/22 4:30	0	0	566	202493
1/6/22 5:00	0	0	565	202493
1/6/22 5:30	0	0	565	202493
1/6/22 6:00	0	0	566	202493
1/6/22 6:30	0	0	566	202493
1/6/22 7:00	0	0	566	202493
1/6/22 7:30	0	0	565	202493
1/6/22 8:00	0	0	567	202493
1/6/22 8:30	0	0	567	202493
1/6/22 9:00	0	0	567	202493
1/6/22 9:30	0	0	567	202493
1/6/22 10:00	0	0	567	202493
1/6/22 10:30	0	0	567	202493
1/6/22 11:00	0	0	566	202493
1/6/22 11:30	0	0	566	202493
1/6/22 12:00	0	0	566	202493
1/6/22 12:30	0	0	566	202493
1/6/22 13:00	0	0	566	202493
1/6/22 13:30	0	0	566	202493
1/6/22 14:00	0	0	566	202493
1/6/22 14:30	0	0	566	202493
1/6/22 15:00	0	0	566	202493
1/6/22 15:30	0	0	566	202493
1/6/22 16:00	0	0	566	202493
1/6/22 16:30	0	0	566	202493
1/6/22 17:00	0	0	566	202493
1/6/22 17:30	0	0	566	202493
1/6/22 18:00	0	0	566	202493
1/6/22 18:30	0	0	566	202493
1/6/22 19:00	0	0	566	202493
1/6/22 19:30	0	0	566	202493
1/6/22 20:00	0	0	566	202493
1/6/22 20:30	0	0	566	202493
1/6/22 21:00	0	0	565	202493
1/6/22 21:30	0	0	565	202493
1/6/22 22:00	0	0	565	202493
1/6/22 22:30	0	0	565	202493
1/6/22 23:00	0	0	565	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/6/22 23:30	0	0	565	202493
1/7/22 0:00	0	0	565	202493
1/7/22 0:30	0	0	565	202493
1/7/22 1:00	0	0	565	202493
1/7/22 1:30	0	0	565	202493
1/7/22 2:00	0	0	565	202493
1/7/22 2:30	0	0	565	202493
1/7/22 3:00	0	0	565	202493
1/7/22 3:30	0	0	566	202493
1/7/22 4:00	0	0	565	202493
1/7/22 4:30	0	0	565	202493
1/7/22 5:00	0	0	565	202493
1/7/22 5:30	0	0	565	202493
1/7/22 6:00	0	0	565	202493
1/7/22 6:30	0	0	565	202493
1/7/22 7:00	0	0	565	202493
1/7/22 7:30	0	0	565	202493
1/7/22 8:00	0	0	566	202493
1/7/22 8:30	0	0	566	202493
1/7/22 9:00	0	0	566	202493
1/7/22 9:30	0	0	566	202493
1/7/22 10:00	0	0	566	202493
1/7/22 10:30	0	0	566	202493
1/7/22 11:00	0	0	566	202493
1/7/22 11:30	0	0	566	202493
1/7/22 12:00	0	0	566	202493
1/7/22 12:30	0	0	565	202493
1/7/22 13:00	0	0	565	202493
1/7/22 13:30	0	0	565	202493
1/7/22 14:00	0	0	565	202493
1/7/22 14:30	0	0	565	202493
1/7/22 15:00	0	0	565	202493
1/7/22 15:30	0	0	565	202493
1/7/22 16:00	0	0	565	202493
1/7/22 16:30	0	0	565	202493
1/7/22 17:00	0	0	565	202493
1/7/22 17:30	0	0	565	202493
1/7/22 18:00	0	0	565	202493
1/7/22 18:30	0	0	565	202493
1/7/22 19:00	0	0	565	202493
1/7/22 19:30	0	0	565	202493
1/7/22 20:00	0	-1	565	202493
1/7/22 20:30	0	-1	565	202493
1/7/22 21:00	0	-1	565	202493
1/7/22 21:30	0	-1	565	202493
1/7/22 22:00	0	-1	565	202493
1/7/22 22:30	0	-1	565	202493
1/7/22 23:00	0	-1	565	202493
1/7/22 23:30	0	-1	565	202493
1/8/22 0:00	0	-1	565	202493
1/8/22 0:30	0	-1	565	202493
1/8/22 1:00	0	-1	565	202493
1/8/22 1:30	0	-1	565	202493
1/8/22 2:00	0	-1	565	202493
1/8/22 2:30	0	-1	565	202493
1/8/22 3:00	0	-1	565	202493
1/8/22 3:30	0	-1	565	202493
1/8/22 4:00	0	-1	564	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/8/22 4:30	0	-1	564	202493
1/8/22 5:00	0	-1	564	202493
1/8/22 5:30	0	-1	565	202493
1/8/22 6:00	0	-1	564	202493
1/8/22 6:30	0	-1	564	202493
1/8/22 7:00	0	-1	564	202493
1/8/22 7:30	0	0	565	202493
1/8/22 8:00	0	0	565	202493
1/8/22 8:30	0	0	565	202493
1/8/22 9:00	0	0	565	202493
1/8/22 9:30	0	0	565	202493
1/8/22 10:00	0	0	565	202493
1/8/22 10:30	0	0	565	202493
1/8/22 11:00	0	0	565	202493
1/8/22 11:30	0	0	565	202493
1/8/22 12:00	0	0	565	202493
1/8/22 12:30	0	0	565	202493
1/8/22 13:00	0	0	565	202493
1/8/22 13:30	0	0	565	202493
1/8/22 14:00	0	0	565	202493
1/8/22 14:30	0	0	564	202493
1/8/22 15:00	0	0	564	202493
1/8/22 15:30	0	0	564	202493
1/8/22 16:00	0	0	564	202493
1/8/22 16:30	0	0	564	202493
1/8/22 17:00	0	0	564	202493
1/8/22 17:30	0	0	564	202493
1/8/22 18:00	0	0	564	202493
1/8/22 18:30	0	0	564	202493
1/8/22 19:00	0	0	564	202493
1/8/22 19:30	0	0	564	202493
1/8/22 20:00	0	0	564	202493
1/8/22 20:30	0	0	564	202493
1/8/22 21:00	0	0	564	202493
1/8/22 21:30	0	0	564	202493
1/8/22 22:00	0	0	564	202493
1/8/22 22:30	0	0	564	202493
1/8/22 23:00	0	0	564	202493
1/8/22 23:30	0	0	564	202493
1/9/22 0:00	0	0	564	202493
1/9/22 0:30	0	0	564	202493
1/9/22 1:00	0	0	563	202493
1/9/22 1:30	0	0	563	202493
1/9/22 2:00	0	0	563	202493
1/9/22 2:30	0	0	563	202493
1/9/22 3:00	0	0	563	202493
1/9/22 3:30	0	0	563	202493
1/9/22 4:00	0	0	564	202493
1/9/22 4:30	0	0	563	202493
1/9/22 5:00	0	0	563	202493
1/9/22 5:30	0	0	563	202493
1/9/22 6:00	0	0	563	202493
1/9/22 6:30	0	0	563	202493
1/9/22 7:00	0	0	563	202493
1/9/22 7:30	0	0	563	202493
1/9/22 8:00	0	0	565	202493
1/9/22 8:30	0	0	565	202493
1/9/22 9:00	0	0	565	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/9/22 9:30	0	0	565	202493
1/9/22 10:00	0	0	564	202493
1/9/22 10:30	0	0	564	202493
1/9/22 11:00	0	0	564	202493
1/9/22 11:30	0	0	564	202493
1/9/22 12:00	0	0	564	202493
1/9/22 12:30	0	0	564	202493
1/9/22 13:00	0	0	564	202493
1/9/22 13:30	0	0	564	202493
1/9/22 14:00	0	0	564	202493
1/9/22 14:30	0	0	564	202493
1/9/22 15:00	0	0	564	202493
1/9/22 15:30	0	0	564	202493
1/9/22 16:00	0	0	563	202493
1/9/22 16:30	0	0	563	202493
1/9/22 17:00	0	0	563	202493
1/9/22 17:30	0	0	563	202493
1/9/22 18:00	0	0	563	202493
1/9/22 18:30	0	0	563	202493
1/9/22 19:00	0	0	563	202493
1/9/22 19:30	0	0	563	202493
1/9/22 20:00	0	0	563	202493
1/9/22 20:30	0	0	563	202493
1/9/22 21:00	0	0	563	202493
1/9/22 21:30	0	0	563	202493
1/9/22 22:00	0	0	563	202493
1/9/22 22:30	0	0	563	202493
1/9/22 23:00	0	0	563	202493
1/9/22 23:30	0	0	563	202493
1/10/22 0:00	0	0	563	202493
1/10/22 0:30	0	0	563	202493
1/10/22 1:00	0	0	562	202493
1/10/22 1:30	0	0	562	202493
1/10/22 2:00	0	0	562	202493
1/10/22 2:30	0	0	563	202493
1/10/22 3:00	0	0	562	202493
1/10/22 3:30	0	0	562	202493
1/10/22 4:00	0	0	562	202493
1/10/22 4:30	0	0	562	202493
1/10/22 5:00	0	0	562	202493
1/10/22 5:30	0	0	562	202493
1/10/22 6:00	0	0	562	202493
1/10/22 6:30	0	0	563	202493
1/10/22 7:00	0	0	563	202493
1/10/22 7:30	0	0	562	202493
1/10/22 8:00	0	0	564	202493
1/10/22 8:30	0	0	564	202493
1/10/22 9:00	0	0	564	202493
1/10/22 9:30	0	0	564	202493
1/10/22 10:00	0	0	564	202493
1/10/22 10:30	0	0	563	202493
1/10/22 11:00	0	0	563	202493
1/10/22 11:30	0	0	563	202493
1/10/22 12:00	0	0	563	202493
1/10/22 12:30	0	0	563	202493
1/10/22 13:00	0	0	563	202493
1/10/22 13:30	0	0	563	202493
1/10/22 14:00	0	0	563	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/10/22 14:30	0	0	563	202493
1/10/22 15:00	0	0	563	202493
1/10/22 15:30	0	0	563	202493
1/10/22 16:00	0	0	563	202493
1/10/22 16:30	0	0	563	202493
1/10/22 17:00	0	0	562	202493
1/10/22 17:30	0	0	562	202493
1/10/22 18:00	0	0	562	202493
1/10/22 18:30	0	0	562	202493
1/10/22 19:00	0	0	562	202493
1/10/22 19:30	0	0	562	202493
1/10/22 20:00	0	0	562	202493
1/10/22 20:30	0	0	562	202493
1/10/22 21:00	0	0	562	202493
1/10/22 21:30	0	0	562	202493
1/10/22 22:00	0	0	562	202493
1/10/22 22:30	0	0	562	202493
1/10/22 23:00	0	0	562	202493
1/10/22 23:30	0	0	562	202493
1/11/22 0:00	0	0	562	202493
1/11/22 0:30	0	0	562	202493
1/11/22 1:00	0	0	562	202493
1/11/22 1:30	0	0	562	202493
1/11/22 2:00	0	0	562	202493
1/11/22 2:30	0	0	562	202493
1/11/22 3:00	0	0	562	202493
1/11/22 3:30	0	0	562	202493
1/11/22 4:00	0	0	562	202493
1/11/22 4:30	0	0	562	202493
1/11/22 5:00	0	0	562	202493
1/11/22 5:30	0	0	562	202493
1/11/22 6:00	0	0	562	202493
1/11/22 6:30	0	0	561	202493
1/11/22 7:00	0	0	562	202493
1/11/22 7:30	0	0	562	202493
1/11/22 8:00	0	0	563	202493
1/11/22 8:30	0	0	564	202493
1/11/22 9:00	0	0	563	202493
1/11/22 9:30	0	0	563	202493
1/11/22 10:00	0	0	563	202493
1/11/22 10:30	0	0	563	202493
1/11/22 11:00				202493
1/11/22 11:30	0	0	563	202493
1/11/22 12:00	0	0	562	202493
1/11/22 12:30	0	0	562	202493
1/11/22 13:00				202493
1/11/22 13:30	0	0	562	202493
1/11/22 14:00	0	0	562	202493
1/11/22 14:30	0	0	562	202493
1/11/22 15:00	0	0	562	202493
1/11/22 15:30	0	0	562	202493
1/11/22 16:00	0	0	562	202493
1/11/22 16:30	0	0	562	202493
1/11/22 17:00	0	0	562	202493
1/11/22 17:30	0	0	562	202493
1/11/22 18:00	0	0	562	202493
1/11/22 18:30	0	0	562	202493
1/11/22 19:00	0	0	562	202493

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/11/22 19:30	0	0	562	202493
1/11/22 20:00	0	0	562	202493
1/11/22 20:30	0	0	562	202493
1/11/22 21:00	0	0	561	202493
1/11/22 21:30	0	0	561	202493
1/11/22 22:00	0	0	561	202493
1/11/22 22:30	0	0	561	202493
1/11/22 23:00	0	0	561	202493
1/11/22 23:30	0	0	561	202493
1/12/22 0:00	0	0	561	202493
1/12/22 0:30	0	0	561	202493
1/12/22 1:00	0	0	561	202493
1/12/22 1:30	0	0	561	202493
1/12/22 2:00	0	0	561	202493
1/12/22 2:30	0	0	561	202493
1/12/22 3:00	0	0	561	202493
1/12/22 3:30	0	0	561	202493
1/12/22 4:00	0	0	561	202493
1/12/22 4:30	0	0	561	202493
1/12/22 5:00	0	0	561	202493
1/12/22 5:30	0	0	561	202493
1/12/22 6:00	0	0	561	202493
1/12/22 6:30	0	0	561	202493
1/12/22 7:00	0	0	561	202493
1/12/22 7:30	0	0	562	202493
1/12/22 8:00	0	0	562	202493
1/12/22 8:30	0	0	563	202493
1/12/22 9:00	0	0	563	202493
1/12/22 9:30	0	0	562	202493
1/12/22 10:00	0	0	562	202493
1/12/22 10:30	0	0	562	202493
1/12/22 11:00	0	0	562	202493
1/12/22 11:30	0	0	562	202493
1/12/22 12:00	0	0	562	202493
1/12/22 12:30	0	0	561	202493
1/12/22 13:00	0	0	562	202493
1/12/22 13:30	0	0	562	202493
1/12/22 14:00	0	0	561	202493
1/12/22 14:30	0	0	587	202496
1/12/22 15:00	0	0	573	202496
1/12/22 15:30	0	0	569	202496
1/12/22 16:00	0	0	567	202496
1/12/22 16:30	0	0	566	202496
1/12/22 17:00	0	0	565	202496
1/12/22 17:30	0	0	564	202496
1/12/22 18:00	0	0	564	202496
1/12/22 18:30	0	0	563	202496
1/12/22 19:00	0	0	563	202496
1/12/22 19:30	0	0	563	202496
1/12/22 20:00	0	0	563	202496
1/12/22 20:30	0	0	562	202496
1/12/22 21:00	0	0	562	202496
1/12/22 21:30	0	0	562	202496
1/12/22 22:00	0	0	562	202496
1/12/22 22:30	0	0	562	202496
1/12/22 23:00	0	0	562	202496
1/12/22 23:30	0	0	562	202496
1/13/22 0:00	0	0	561	202496

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/13/22 0:30	0	0	561	202496
1/13/22 1:00	0	0	562	202496
1/13/22 1:30	0	0	561	202496
1/13/22 2:00	0	0	561	202496
1/13/22 2:30	0	0	561	202496
1/13/22 3:00	0	0	561	202496
1/13/22 3:30	0	0	561	202496
1/13/22 4:00	0	0	561	202496
1/13/22 4:30	0	0	561	202496
1/13/22 5:00	0	0	561	202496
1/13/22 5:30	0	0	561	202496
1/13/22 6:00	0	0	560	202496
1/13/22 6:30	0	0	561	202496
1/13/22 7:00	0	0	561	202496
1/13/22 7:30	0	0	561	202496
1/13/22 8:00	0	0	562	202496
1/13/22 8:30	0	0	563	202496
1/13/22 9:00	0	0	562	202496
1/13/22 9:30	0	0	562	202496
1/13/22 10:00	0	0	562	202496
1/13/22 10:30	0	0	562	202496
1/13/22 11:00	0	0	562	202496
1/13/22 11:30	0	0	562	202496
1/13/22 12:00	0	0	562	202496
1/13/22 12:30	0	0	561	202496
1/13/22 13:00	0	0	561	202496
1/13/22 13:30	0	0	561	202496
1/13/22 14:00	0	0	561	202496
1/13/22 14:30	0	0	620	202501
1/13/22 15:00	0	0	589	202502
1/13/22 15:30	38	0	753	202508
1/13/22 16:00	0	0	598	202509
1/13/22 16:30	0	0	585	202509
1/13/22 17:00	0	0	579	202509
1/13/22 17:30	0	0	576	202509
1/13/22 18:00	0	0	573	202509
1/13/22 18:30	0	0	572	202509
1/13/22 19:00	0	0	570	202509
1/13/22 19:30	0	0	569	202509
1/13/22 20:00	0	0	568	202509
1/13/22 20:30	0	0	568	202509
1/13/22 21:00	0	0	567	202509
1/13/22 21:30	0	0	567	202509
1/13/22 22:00	0	0	567	202509
1/13/22 22:30	0	0	566	202509
1/13/22 23:00	0	0	566	202509
1/13/22 23:30	0	0	566	202509
1/14/22 0:00	0	0	565	202509
1/14/22 0:30	0	0	565	202509
1/14/22 1:00	0	0	565	202509
1/14/22 1:30	0	0	565	202509
1/14/22 2:00	0	0	565	202509
1/14/22 2:30	0	0	564	202509
1/14/22 3:00	0	0	564	202509
1/14/22 3:30	0	0	564	202509
1/14/22 4:00	0	0	564	202509
1/14/22 4:30	0	0	563	202509
1/14/22 5:00	0	0	563	202509

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/14/22 5:30	0	0	563	202509
1/14/22 6:00	0	0	563	202509
1/14/22 6:30	0	0	563	202509
1/14/22 7:00	0	0	563	202509
1/14/22 7:30	0	0	563	202509
1/14/22 8:00	0	0	564	202509
1/14/22 8:30	0	0	564	202509
1/14/22 9:00	0	0	564	202509
1/14/22 9:30	0	0	563	202509
1/14/22 10:00	0	0	563	202509
1/14/22 10:30	0	0	563	202509
1/14/22 11:00	0	0	563	202509
1/14/22 11:30	0	0	563	202509
1/14/22 12:00	0	0	563	202509
1/14/22 12:30	0	0	563	202509
1/14/22 13:00	0	0	563	202509
1/14/22 13:30	0	0	562	202509
1/14/22 14:00	0	0	562	202509
1/14/22 14:30	0	0	562	202509
1/14/22 15:00	0	0	562	202509
1/14/22 15:30	0	0	562	202509
1/14/22 16:00	0	0	562	202509
1/14/22 16:30	0	0	562	202509
1/14/22 17:00	0	0	562	202509
1/14/22 17:30	0	0	562	202509
1/14/22 18:00	0	0	562	202509
1/14/22 18:30				202509
1/14/22 19:00				202509
1/14/22 19:30	0	0	562	202509
1/14/22 20:00	0	0	562	202509
1/14/22 20:30	0	0	562	202509
1/14/22 21:00	0	0	562	202509
1/14/22 21:30	0	0	562	202509
1/14/22 22:00	0	0	562	202509
1/14/22 22:30	0	0	561	202509
1/14/22 23:00	0	0	561	202509
1/14/22 23:30	0	0	561	202509
1/15/22 0:00	0	0	561	202509
1/15/22 0:30	0	0	561	202509
1/15/22 1:00	0	0	561	202509
1/15/22 1:30	0	0	561	202509
1/15/22 2:00	0	0	561	202509
1/15/22 2:30	0	0	561	202509
1/15/22 3:00	0	0	561	202509
1/15/22 3:30	0	0	561	202509
1/15/22 4:00	0	0	561	202509
1/15/22 4:30	0	0	561	202509
1/15/22 5:00	0	0	561	202509
1/15/22 5:30	0	0	561	202509
1/15/22 6:00	0	0	561	202509
1/15/22 6:30	0	0	561	202509
1/15/22 7:00	0	0	561	202509
1/15/22 7:30	0	0	561	202509
1/15/22 8:00	0	0	561	202509
1/15/22 8:30	0	0	561	202509
1/15/22 9:00	0	0	561	202509
1/15/22 9:30	0	0	561	202509
1/15/22 10:00	0	0	561	202509

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/15/22 10:30	0	1	561	202509
1/15/22 11:00	0	1	561	202509
1/15/22 11:30	0	1	561	202509
1/15/22 12:00	0	1	561	202509
1/15/22 12:30	0	1	561	202509
1/15/22 13:00	0	1	561	202509
1/15/22 13:30	0	1	561	202509
1/15/22 14:00	0	1	561	202509
1/15/22 14:30	0	1	561	202509
1/15/22 15:00	0	1	561	202509
1/15/22 15:30	0	1	561	202509
1/15/22 16:00	0	1	560	202509
1/15/22 16:30	0	1	560	202509
1/15/22 17:00	0	1	560	202509
1/15/22 17:30	0	1	560	202509
1/15/22 18:00	0	1	560	202509
1/15/22 18:30	0	1	560	202509
1/15/22 19:00	0	1	560	202509
1/15/22 19:30	0	1	560	202509
1/15/22 20:00	0	1	560	202509
1/15/22 20:30	0	1	560	202509
1/15/22 21:00	0	1	560	202509
1/15/22 21:30	0	1	560	202509
1/15/22 22:00	0	1	560	202509
1/15/22 22:30	0	1	560	202509
1/15/22 23:00				
1/15/22 23:30	0	1	560	202509
1/16/22 0:00	0	1	560	202509
1/16/22 0:30	0	1	560	202509
1/16/22 1:00	0	1	560	202509
1/16/22 1:30	0	1	560	202509
1/16/22 2:00	0	1	560	202509
1/16/22 2:30	0	1	560	202509
1/16/22 3:00	0	1	560	202509
1/16/22 3:30	0	1	560	202509
1/16/22 4:00	0	1	560	202509
1/16/22 4:30	0	1	560	202509
1/16/22 5:00	0	1	560	202509
1/16/22 5:30	0	1	560	202509
1/16/22 6:00	0	1	560	202509
1/16/22 6:30	0	1	560	202509
1/16/22 7:00	0	1	560	202509
1/16/22 7:30	0	1	560	202509
1/16/22 8:00	0	1	560	202509
1/16/22 8:30	0	1	561	202509
1/16/22 9:00	0	1	560	202509
1/16/22 9:30	0	1	560	202509
1/16/22 10:00	0	1	560	202509
1/16/22 10:30	0	1	560	202509
1/16/22 11:00	0	1	560	202509
1/16/22 11:30	0	1	560	202509
1/16/22 12:00	0	1	560	202509
1/16/22 12:30	0	2	560	202509
1/16/22 13:00	0	2	560	202509
1/16/22 13:30	0	2	560	202509
1/16/22 14:00	0	2	560	202509
1/16/22 14:30	0	2	560	202509
1/16/22 15:00	0	2	560	202509

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/16/22 15:30	0	2	560	202509
1/16/22 16:00	0	2	560	202509
1/16/22 16:30	0	2	559	202509
1/16/22 17:00	0	2	559	202509
1/16/22 17:30	0	2	559	202509
1/16/22 18:00	0	2	559	202509
1/16/22 18:30	0	2	559	202509
1/16/22 19:00	0	2	559	202509
1/16/22 19:30	0	2	559	202509
1/16/22 20:00	0	2	559	202509
1/16/22 20:30	0	2	559	202509
1/16/22 21:00	0	2	559	202509
1/16/22 21:30	0	2	559	202509
1/16/22 22:00	0	2	559	202509
1/16/22 22:30	0	2	559	202509
1/16/22 23:00	0	2	559	202509
1/16/22 23:30	0	2	559	202509
1/17/22 0:00	0	2	559	202509
1/17/22 0:30	0	2	559	202509
1/17/22 1:00	0	2	559	202509
1/17/22 1:30	0	2	559	202509
1/17/22 2:00	0	2	559	202509
1/17/22 2:30	0	2	559	202509
1/17/22 3:00	0	2	559	202509
1/17/22 3:30	0	2	559	202509
1/17/22 4:00	0	2	559	202509
1/17/22 4:30	0	2	559	202509
1/17/22 5:00	0	2	559	202509
1/17/22 5:30	0	2	559	202509
1/17/22 6:00	0	2	559	202509
1/17/22 6:30	0	2	559	202509
1/17/22 7:00	0	2	559	202509
1/17/22 7:30	0	2	559	202509
1/17/22 8:00	0	2	559	202509
1/17/22 8:30	0	2	560	202509
1/17/22 9:00	0	2	560	202509
1/17/22 9:30	0	2	559	202509
1/17/22 10:00	0	2	559	202509
1/17/22 10:30	0	2	559	202509
1/17/22 11:00	0	2	559	202509
1/17/22 11:30	0	2	559	202509
1/17/22 12:00	0	2	559	202509
1/17/22 12:30	0	2	559	202509
1/17/22 13:00	0	2	559	202509
1/17/22 13:30	0	2	559	202509
1/17/22 14:00	0	2	559	202509
1/17/22 14:30	0	2	559	202509
1/17/22 15:00	0	2	559	202509
1/17/22 15:30	0	2	559	202509
1/17/22 16:00	0	2	559	202509
1/17/22 16:30	0	2	559	202509
1/17/22 17:00	0	2	559	202509
1/17/22 17:30	0	2	559	202509
1/17/22 18:00	0	2	559	202509
1/17/22 18:30	0	2	559	202509
1/17/22 19:00	0	2	559	202509
1/17/22 19:30	0	2	559	202509
1/17/22 20:00	0	2	559	202509

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/17/22 20:30	0	2	558	202509
1/17/22 21:00	0	2	558	202509
1/17/22 21:30	0	2	558	202509
1/17/22 22:00	0	2	558	202509
1/17/22 22:30	0	2	558	202509
1/17/22 23:00	0	2	558	202509
1/17/22 23:30	0	2	558	202509
1/18/22 0:00	0	2	558	202509
1/18/22 0:30	0	2	558	202509
1/18/22 1:00	0	2	558	202509
1/18/22 1:30	0	2	558	202509
1/18/22 2:00	0	2	558	202509
1/18/22 2:30	0	2	558	202509
1/18/22 3:00	0	2	558	202509
1/18/22 3:30	0	2	558	202509
1/18/22 4:00	0	2	558	202509
1/18/22 4:30	0	2	558	202509
1/18/22 5:00	0	2	558	202509
1/18/22 5:30	0	2	558	202509
1/18/22 6:00	0	2	558	202509
1/18/22 6:30	0	2	558	202509
1/18/22 7:00	0	2	558	202509
1/18/22 7:30	0	2	558	202509
1/18/22 8:00	0	2	559	202509
1/18/22 8:30	0	2	559	202509
1/18/22 9:00	0	2	559	202509
1/18/22 9:30	0	2	559	202509
1/18/22 10:00	0	2	559	202509
1/18/22 10:30	0	2	558	202509
1/18/22 11:00	0	2	559	202509
1/18/22 11:30	0	2	558	202509
1/18/22 12:00	0	2	559	202509
1/18/22 12:30	0	2	558	202509
1/18/22 13:00	0	2	558	202509
1/18/22 13:30	0	2	558	202509
1/18/22 14:00	0	3	558	202509
1/18/22 14:30	0	3	558	202509
1/18/22 15:00	0	3	558	202509
1/18/22 15:30	0	2	558	202509
1/18/22 16:00	0	2	558	202509
1/18/22 16:30	0	2	558	202509
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1/18/22 17:30	0	2	558	202509
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1/18/22 18:30	0	2	558	202509
1/18/22 19:00	0	2	558	202509
1/18/22 19:30	0	2	558	202509
1/18/22 20:00	0	2	558	202509
1/18/22 20:30	0	2	558	202509
1/18/22 21:00	0	2	558	202509
1/18/22 21:30	0	2	558	202509
1/18/22 22:00	0	2	558	202509
1/18/22 22:30	0	2	558	202509
1/18/22 23:00	0	2	558	202509
1/18/22 23:30	0	2	558	202509
1/19/22 0:00	0	2	558	202509
1/19/22 0:30	0	2	558	202509
1/19/22 1:00	0	2	558	202509

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/19/22 1:30	0	2	557	202509
1/19/22 2:00	0	2	557	202509
1/19/22 2:30	0	2	557	202509
1/19/22 3:00	0	2	557	202509
1/19/22 3:30	0	2	557	202509
1/19/22 4:00	0	2	557	202509
1/19/22 4:30	0	2	557	202509
1/19/22 5:00	0		557	202509
1/19/22 5:30	0	2	557	202509
1/19/22 6:00	0	2	557	202509
1/19/22 6:30	0	2	557	202509
1/19/22 7:00	0	2	557	202509
1/19/22 7:30	0	2	557	202509
1/19/22 8:00	0	2	558	202509
1/19/22 8:30	0	2	558	202509
1/19/22 9:00	0	2	558	202509
1/19/22 9:30	0	2	558	202509
1/19/22 10:00	0	2	558	202509
1/19/22 10:30	0	2	558	202509
1/19/22 11:00	0	2	558	202509
1/19/22 11:30	0	3	558	202509
1/19/22 12:00	0	3	558	202509
1/19/22 12:30	0	3	557	202509
1/19/22 13:00	0	3	557	202509
1/19/22 13:30	0	3	557	202509
1/19/22 14:00	0	3	557	202509
1/19/22 14:30	0	3	557	202509
1/19/22 15:00	0	3	557	202509
1/19/22 15:30	0	3	557	202509
1/19/22 16:00	0	3	557	202509
1/19/22 16:30				
1/19/22 17:00	0	3	557	202509
1/19/22 17:30	0	3	557	202509
1/19/22 18:00	0	3	557	202509
1/19/22 18:30	0	3	557	202509
1/19/22 19:00	0	3	557	202509
1/19/22 19:30	0	3	557	202509
1/19/22 20:00	0	3	557	202509
1/19/22 20:30	0	3	557	202509
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1/19/22 21:30	0	3	557	202509
1/19/22 22:00	0	3	557	202509
1/19/22 22:30	0	3	557	202509
1/19/22 23:00	0	3	557	202509
1/19/22 23:30	0	3	557	202509
1/20/22 0:00	0	3	557	202509
1/20/22 0:30	0	3	557	202509
1/20/22 1:00	0	3	557	202509
1/20/22 1:30	0	3	557	202509
1/20/22 2:00	0	3	556	202509
1/20/22 2:30	0	3	556	202509
1/20/22 3:00	0	3	556	202509
1/20/22 3:30	0	3	556	202509
1/20/22 4:00	0	3	556	202509
1/20/22 4:30	0	3	556	202509
1/20/22 5:00	0	3	556	202509
1/20/22 5:30	0	3	556	202509
1/20/22 6:00	0	3	556	202509

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/20/22 6:30	0	3	556	202509
1/20/22 7:00	0	3	556	202509
1/20/22 7:30	0	3	556	202509
1/20/22 8:00	0	3	557	202509
1/20/22 8:30	0	3	558	202509
1/20/22 9:00	0	3	557	202509
1/20/22 9:30	0	3	557	202509
1/20/22 10:00	0	3	557	202509
1/20/22 10:30	0	3	557	202509
1/20/22 11:00	0	3	557	202509
1/20/22 11:30	0	3	557	202509
1/20/22 12:00	0	3	557	202509
1/20/22 12:30	0	3	557	202509
1/20/22 13:00	0	3	557	202509
1/20/22 13:30	0	3	557	202509
1/20/22 14:00	0	3	557	202509
1/20/22 14:30	0	3	557	202509
1/20/22 15:00	0	3	556	202509
1/20/22 15:30	0	3	556	202509
1/20/22 16:00	0	3	556	202509
1/20/22 16:30	0	3	556	202509
1/20/22 17:00	0	3	556	202509
1/20/22 17:30	0	3	556	202509
1/20/22 18:00	0	3	556	202509
1/20/22 18:30	0	3	556	202509
1/20/22 19:00	0	3	556	202509
1/20/22 19:30	0	3	556	202509
1/20/22 20:00	0	3	556	202509
1/20/22 20:30	0	3	556	202509
1/20/22 21:00	0	3	556	202509
1/20/22 21:30	0	3	556	202509
1/20/22 22:00	0	3	556	202509
1/20/22 22:30	0	3	556	202509
1/20/22 23:00	0	3	556	202509
1/20/22 23:30	0	3	556	202509
1/21/22 0:00	0	3	556	202509
1/21/22 0:30	0	3	556	202509
1/21/22 1:00	0	3	556	202509
1/21/22 1:30	0	3	556	202509
1/21/22 2:00	0	3	556	202509
1/21/22 2:30	0	3	556	202509
1/21/22 3:00	0	3	556	202509
1/21/22 3:30	0	3	556	202509
1/21/22 4:00	0	3	556	202509
1/21/22 4:30	0	3	556	202509
1/21/22 5:00	0	3	556	202509
1/21/22 5:30	0	3	555	202509
1/21/22 6:00	0	3	555	202509
1/21/22 6:30	0	3	555	202509
1/21/22 7:00	0	3	556	202509
1/21/22 7:30	0	3	556	202509
1/21/22 8:00	0	3	557	202509
1/21/22 8:30	0	3	557	202509
1/21/22 9:00	0	3	557	202509
1/21/22 9:30	0	3	556	202509
1/21/22 10:00	0	3	556	202509
1/21/22 10:30	0	3	556	202509
1/21/22 11:00	0	-7	616	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/21/22 11:30	0	-7	584	202518
1/21/22 12:00	0	-7	575	202518
1/21/22 12:30	0	-7	570	202518
1/21/22 13:00	0	-7	567	202518
1/21/22 13:30	0	-6	565	202518
1/21/22 14:00	0	-6	564	202518
1/21/22 14:30	0	-6	563	202518
1/21/22 15:00	0	-5	562	202518
1/21/22 15:30	0	-5	562	202518
1/21/22 16:00	0	-4	561	202518
1/21/22 16:30	0	-4	560	202518
1/21/22 17:00	0	-4	560	202518
1/21/22 17:30	0	-3	560	202518
1/21/22 18:00	0	-3	560	202518
1/21/22 18:30	0	-3	559	202518
1/21/22 19:00	0	-3	559	202518
1/21/22 19:30	0	-3	559	202518
1/21/22 20:00	0	-2	559	202518
1/21/22 20:30	0	-2	559	202518
1/21/22 21:00	0	-2	559	202518
1/21/22 21:30	0	-2	558	202518
1/21/22 22:00	0	-2	558	202518
1/21/22 22:30	0	-1	558	202518
1/21/22 23:00	0	-1	558	202518
1/21/22 23:30	0	-1	558	202518
1/22/22 0:00	0	-1	558	202518
1/22/22 0:30	0	-1	558	202518
1/22/22 1:00	0	-1	557	202518
1/22/22 1:30	0	-1	557	202518
1/22/22 2:00	0	-1	557	202518
1/22/22 2:30	0	0	557	202518
1/22/22 3:00	0	0	557	202518
1/22/22 3:30	0	0	557	202518
1/22/22 4:00	0	0	557	202518
1/22/22 4:30	0	0	557	202518
1/22/22 5:00	0	0	557	202518
1/22/22 5:30	0	0	557	202518
1/22/22 6:00	0	0	557	202518
1/22/22 6:30	0	0	557	202518
1/22/22 7:00	0	0	557	202518
1/22/22 7:30	0	0	557	202518
1/22/22 8:00	0	0	557	202518
1/22/22 8:30	0	1	558	202518
1/22/22 9:00	0	1	558	202518
1/22/22 9:30	0	1	557	202518
1/22/22 10:00	0	1	557	202518
1/22/22 10:30	0	1	557	202518
1/22/22 11:00	0	1	557	202518
1/22/22 11:30	0	1	557	202518
1/22/22 12:00	0	1	557	202518
1/22/22 12:30	0	1	557	202518
1/22/22 13:00	0	1	557	202518
1/22/22 13:30	0	1	557	202518
1/22/22 14:00	0	1	557	202518
1/22/22 14:30	0	2	556	202518
1/22/22 15:00	0	2	557	202518
1/22/22 15:30	0	2	556	202518
1/22/22 16:00	0	2	556	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/22/22 16:30	0	2	556	202518
1/22/22 17:00	0	2	556	202518
1/22/22 17:30	0	2	556	202518
1/22/22 18:00	0	2	556	202518
1/22/22 18:30	0	2	556	202518
1/22/22 19:00	0	2	556	202518
1/22/22 19:30	0	2	556	202518
1/22/22 20:00	0	2	556	202518
1/22/22 20:30	0	2	556	202518
1/22/22 21:00	0	2	556	202518
1/22/22 21:30	0	2	556	202518
1/22/22 22:00	0	2	556	202518
1/22/22 22:30	0	2	556	202518
1/22/22 23:00	0	2	556	202518
1/22/22 23:30	0	2	556	202518
1/23/22 0:00	0	2	556	202518
1/23/22 0:30	0	2	556	202518
1/23/22 1:00	0	2	556	202518
1/23/22 1:30	0	2	556	202518
1/23/22 2:00	0	2	555	202518
1/23/22 2:30	0	2	555	202518
1/23/22 3:00	0	2	555	202518
1/23/22 3:30	0	2	555	202518
1/23/22 4:00	0	2	555	202518
1/23/22 4:30	0	2	555	202518
1/23/22 5:00	0	2	555	202518
1/23/22 5:30	0	2	555	202518
1/23/22 6:00	0	2	555	202518
1/23/22 6:30	0	2	555	202518
1/23/22 7:00	0	2	555	202518
1/23/22 7:30	0	2	555	202518
1/23/22 8:00	0	2	556	202518
1/23/22 8:30	0	2	556	202518
1/23/22 9:00	0	2	556	202518
1/23/22 9:30	0	2	556	202518
1/23/22 10:00	0	2	556	202518
1/23/22 10:30	0	2	556	202518
1/23/22 11:00	0	2	556	202518
1/23/22 11:30	0	2	556	202518
1/23/22 12:00	0	2	556	202518
1/23/22 12:30	0	3	556	202518
1/23/22 13:00	0	3	556	202518
1/23/22 13:30	0	3	555	202518
1/23/22 14:00	0	3	555	202518
1/23/22 14:30	0	3	555	202518
1/23/22 15:00	0	3	555	202518
1/23/22 15:30	0	3	555	202518
1/23/22 16:00	0	3	555	202518
1/23/22 16:30	0	3	555	202518
1/23/22 17:00	0	3	555	202518
1/23/22 17:30	0	3	555	202518
1/23/22 18:00	0	3	555	202518
1/23/22 18:30	0	3	555	202518
1/23/22 19:00	0	3	555	202518
1/23/22 19:30	0	3	555	202518
1/23/22 20:00	0	3	555	202518
1/23/22 20:30	0	3	555	202518
1/23/22 21:00	0	3	555	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/23/22 21:30	0	3	555	202518
1/23/22 22:00	0	3	555	202518
1/23/22 22:30	0	3	555	202518
1/23/22 23:00	0	3	555	202518
1/23/22 23:30	0	3	555	202518
1/24/22 0:00	0	3	555	202518
1/24/22 0:30	0	3	555	202518
1/24/22 1:00	0	3	555	202518
1/24/22 1:30	0	3	555	202518
1/24/22 2:00	0	3	555	202518
1/24/22 2:30	0	3	555	202518
1/24/22 3:00	0	3	555	202518
1/24/22 3:30	0	3	554	202518
1/24/22 4:00	0	3	554	202518
1/24/22 4:30	0	3	554	202518
1/24/22 5:00	0	3	554	202518
1/24/22 5:30	0	3	554	202518
1/24/22 6:00	0	3	554	202518
1/24/22 6:30	0	3	554	202518
1/24/22 7:00	0	3	554	202518
1/24/22 7:30	0	3	554	202518
1/24/22 8:00	0	3	555	202518
1/24/22 8:30	0	3	556	202518
1/24/22 9:00	0	3	556	202518
1/24/22 9:30	0	3	555	202518
1/24/22 10:00	0	3	555	202518
1/24/22 10:30	0	3	555	202518
1/24/22 11:00	0	3	555	202518
1/24/22 11:30	0	3	555	202518
1/24/22 12:00	0	3	555	202518
1/24/22 12:30	0	3	555	202518
1/24/22 13:00	0	3	555	202518
1/24/22 13:30	0	3	555	202518
1/24/22 14:00	0	3	555	202518
1/24/22 14:30	0	3	555	202518
1/24/22 15:00	0	3	555	202518
1/24/22 15:30	0	3	554	202518
1/24/22 16:00	0	3	554	202518
1/24/22 16:30	0	3	554	202518
1/24/22 17:00	0	3	554	202518
1/24/22 17:30	0	3	554	202518
1/24/22 18:00	0	3	554	202518
1/24/22 18:30	0	3	554	202518
1/24/22 19:00	0	3	554	202518
1/24/22 19:30	0	3	554	202518
1/24/22 20:00	0	3	554	202518
1/24/22 20:30	0	3	554	202518
1/24/22 21:00	0	3	554	202518
1/24/22 21:30	0	3	554	202518
1/24/22 22:00	0	3	554	202518
1/24/22 22:30	0	3	554	202518
1/24/22 23:00	0	3	554	202518
1/24/22 23:30	0	3	554	202518
1/25/22 0:00	0	3	554	202518
1/25/22 0:30	0	3	554	202518
1/25/22 1:00	0	3	554	202518
1/25/22 1:30	0	3	554	202518
1/25/22 2:00	0	3	554	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/25/22 2:30	0	3	554	202518
1/25/22 3:00	0	3	554	202518
1/25/22 3:30	0	3	554	202518
1/25/22 4:00	0	3	554	202518
1/25/22 4:30	0	3	554	202518
1/25/22 5:00	0	3	554	202518
1/25/22 5:30	0	3	554	202518
1/25/22 6:00	0	3	554	202518
1/25/22 6:30	0	3	553	202518
1/25/22 7:00	0	3	553	202518
1/25/22 7:30	0	3	553	202518
1/25/22 8:00	0	3	555	202518
1/25/22 8:30	0	3	555	202518
1/25/22 9:00	0	3	554	202518
1/25/22 9:30	0	3	554	202518
1/25/22 10:00	0	3	554	202518
1/25/22 10:30	0	3	554	202518
1/25/22 11:00	0	3	554	202518
1/25/22 11:30	0	3	554	202518
1/25/22 12:00	0	3	554	202518
1/25/22 12:30	0	3	554	202518
1/25/22 13:00	0	4	554	202518
1/25/22 13:30	0	4	554	202518
1/25/22 14:00	0	4	554	202518
1/25/22 14:30	0	4	554	202518
1/25/22 15:00	0	4	554	202518
1/25/22 15:30	0	4	554	202518
1/25/22 16:00	0	4	554	202518
1/25/22 16:30	0	4	554	202518
1/25/22 17:00	0	4	553	202518
1/25/22 17:30	0	4	553	202518
1/25/22 18:00	0	4	554	202518
1/25/22 18:30	0	4	554	202518
1/25/22 19:00	0	4	554	202518
1/25/22 19:30	0	4	554	202518
1/25/22 20:00	0	4	554	202518
1/25/22 20:30	0	4	554	202518
1/25/22 21:00	0	4	554	202518
1/25/22 21:30	0	4	554	202518
1/25/22 22:00	0	4	554	202518
1/25/22 22:30	0	4	554	202518
1/25/22 23:00	0	4	554	202518
1/25/22 23:30	0	4	554	202518
1/26/22 0:00	0	4	554	202518
1/26/22 0:30	0	4	553	202518
1/26/22 1:00	0	4	553	202518
1/26/22 1:30	0	4	553	202518
1/26/22 2:00	0	4	553	202518
1/26/22 2:30	0	4	553	202518
1/26/22 3:00	0	4	553	202518
1/26/22 3:30	0	4	553	202518
1/26/22 4:00	0	4	553	202518
1/26/22 4:30	0	4	553	202518
1/26/22 5:00	0	4	553	202518
1/26/22 5:30	0	4	553	202518
1/26/22 6:00	0	4	553	202518
1/26/22 6:30	0	4	553	202518
1/26/22 7:00	0	4	553	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/26/22 7:30	0	4	553	202518
1/26/22 8:00	0	4	553	202518
1/26/22 8:30	0	4	553	202518
1/26/22 9:00	0	4	554	202518
1/26/22 9:30	0	4	554	202518
1/26/22 10:00	0	4	553	202518
1/26/22 10:30	0	4	554	202518
1/26/22 11:00	0	4	554	202518
1/26/22 11:30	0	4	553	202518
1/26/22 12:00	0	4	554	202518
1/26/22 12:30	0	4	553	202518
1/26/22 13:00	0	4	553	202518
1/26/22 13:30	0	4	553	202518
1/26/22 14:00	0	4	553	202518
1/26/22 14:30	0	4	553	202518
1/26/22 15:00	0	4	553	202518
1/26/22 15:30	0	4	553	202518
1/26/22 16:00	0	4	553	202518
1/26/22 16:30	0	4	553	202518
1/26/22 17:00	0	4	553	202518
1/26/22 17:30	0	4	553	202518
1/26/22 18:00	0	4	553	202518
1/26/22 18:30	0	4	553	202518
1/26/22 19:00	0	4	553	202518
1/26/22 19:30	0	4	553	202518
1/26/22 20:00	0	4	553	202518
1/26/22 20:30	0	4	553	202518
1/26/22 21:00	0	4	553	202518
1/26/22 21:30	0	4	553	202518
1/26/22 22:00	0	4	553	202518
1/26/22 22:30	0	4	553	202518
1/26/22 23:00	0	4	553	202518
1/26/22 23:30	0	4	553	202518
1/27/22 0:00	0	4	553	202518
1/27/22 0:30	0	4	553	202518
1/27/22 1:00	0	4	553	202518
1/27/22 1:30	0	4	552	202518
1/27/22 2:00	0	4	552	202518
1/27/22 2:30	0	4	552	202518
1/27/22 3:00	0	4	552	202518
1/27/22 3:30	0	4	552	202518
1/27/22 4:00	0	4	552	202518
1/27/22 4:30	0	4	552	202518
1/27/22 5:00	0	4	552	202518
1/27/22 5:30	0	4	552	202518
1/27/22 6:00	0	4	552	202518
1/27/22 6:30	0	4	552	202518
1/27/22 7:00	0	4	552	202518
1/27/22 7:30	0	4	552	202518
1/27/22 8:00	0	4	553	202518
1/27/22 8:30	0	4	554	202518
1/27/22 9:00	0	4	553	202518
1/27/22 9:30	0	4	553	202518
1/27/22 10:00	0	4	553	202518
1/27/22 10:30	0	4	553	202518
1/27/22 11:00	0	4	553	202518
1/27/22 11:30	0	4	553	202518
1/27/22 12:00	0	4	553	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/27/22 12:30	0	4	552	202518
1/27/22 13:00	0	4	552	202518
1/27/22 13:30	0	4	552	202518
1/27/22 14:00	0	4	552	202518
1/27/22 14:30	0	4	552	202518
1/27/22 15:00	0	4	552	202518
1/27/22 15:30	0	4	552	202518
1/27/22 16:00	0	4	552	202518
1/27/22 16:30	0	4	552	202518
1/27/22 17:00	0	4	552	202518
1/27/22 17:30	0	4	552	202518
1/27/22 18:00	0	4	552	202518
1/27/22 18:30	0	4	552	202518
1/27/22 19:00	0	4	552	202518
1/27/22 19:30	0	4	552	202518
1/27/22 20:00	0	4	552	202518
1/27/22 20:30	0	4	552	202518
1/27/22 21:00	0	4	552	202518
1/27/22 21:30	0	4	552	202518
1/27/22 22:00	0	4	552	202518
1/27/22 22:30	0	4	552	202518
1/27/22 23:00	0	4	552	202518
1/27/22 23:30	0	4	552	202518
1/28/22 0:00	0	4	552	202518
1/28/22 0:30	0	4	552	202518
1/28/22 1:00	0	4	552	202518
1/28/22 1:30	0	4	552	202518
1/28/22 2:00	0	4	552	202518
1/28/22 2:30	0	4	552	202518
1/28/22 3:00	0	4	552	202518
1/28/22 3:30	0	4	551	202518
1/28/22 4:00	0	4	551	202518
1/28/22 4:30	0	4	551	202518
1/28/22 5:00	0	4	551	202518
1/28/22 5:30	0	4	551	202518
1/28/22 6:00	0	4	551	202518
1/28/22 6:30	0	4	552	202518
1/28/22 7:00	0	4	552	202518
1/28/22 7:30	0	4	552	202518
1/28/22 8:00	0	4	552	202518
1/28/22 8:30	0	4	553	202518
1/28/22 9:00	0	4	552	202518
1/28/22 9:30	0	4	552	202518
1/28/22 10:00	0	4	552	202518
1/28/22 10:30	0	4	552	202518
1/28/22 11:00	0	4	552	202518
1/28/22 11:30	0	4	552	202518
1/28/22 12:00	0	4	552	202518
1/28/22 12:30	0	4	552	202518
1/28/22 13:00	0	4	552	202518
1/28/22 13:30	0	4	552	202518
1/28/22 14:00	0	4	552	202518
1/28/22 14:30	0	4	552	202518
1/28/22 15:00	0	4	552	202518
1/28/22 15:30	0	4	551	202518
1/28/22 16:00	0	4	551	202518
1/28/22 16:30	0	4	551	202518
1/28/22 17:00	0	4	551	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/28/22 17:30	0	4	551	202518
1/28/22 18:00	0	4	551	202518
1/28/22 18:30	0	4	551	202518
1/28/22 19:00	0	4	551	202518
1/28/22 19:30	0	4	551	202518
1/28/22 20:00	0	4	551	202518
1/28/22 20:30	0	4	551	202518
1/28/22 21:00	0	4	551	202518
1/28/22 21:30	0	4	551	202518
1/28/22 22:00	0	4	551	202518
1/28/22 22:30	0	4	551	202518
1/28/22 23:00	0	4	551	202518
1/28/22 23:30	0	4	551	202518
1/29/22 0:00	0	4	551	202518
1/29/22 0:30	0	4	551	202518
1/29/22 1:00	0	4	551	202518
1/29/22 1:30	0	4	551	202518
1/29/22 2:00	0	4	551	202518
1/29/22 2:30	0	4	551	202518
1/29/22 3:00	0	4	551	202518
1/29/22 3:30	0	4	551	202518
1/29/22 4:00	0	4	551	202518
1/29/22 4:30	0	4	551	202518
1/29/22 5:00	0	4	551	202518
1/29/22 5:30	0	4	551	202518
1/29/22 6:00	0	4	551	202518
1/29/22 6:30	0	4	551	202518
1/29/22 7:00	0	4	551	202518
1/29/22 7:30	0	4	551	202518
1/29/22 8:00	0	4	552	202518
1/29/22 8:30	0	4	552	202518
1/29/22 9:00	0	4	552	202518
1/29/22 9:30	0	4	552	202518
1/29/22 10:00	0	4	551	202518
1/29/22 10:30	0	4	551	202518
1/29/22 11:00	0	4	551	202518
1/29/22 11:30	0	4	551	202518
1/29/22 12:00	0	4	551	202518
1/29/22 12:30	0	4	551	202518
1/29/22 13:00	0	4	551	202518
1/29/22 13:30	0	4	551	202518
1/29/22 14:00	0	4	551	202518
1/29/22 14:30	0	5	551	202518
1/29/22 15:00	0	5	551	202518
1/29/22 15:30	0	5	551	202518
1/29/22 16:00	0	5	551	202518
1/29/22 16:30	0	5	551	202518
1/29/22 17:00	0	5	551	202518
1/29/22 17:30	0	5	550	202518
1/29/22 18:00	0	5	551	202518
1/29/22 18:30	0	4	551	202518
1/29/22 19:00	0	5	551	202518
1/29/22 19:30	0	4	551	202518
1/29/22 20:00	0	4	551	202518
1/29/22 20:30	0	4	551	202518
1/29/22 21:00	0	4	551	202518
1/29/22 21:30	0	4	551	202518
1/29/22 22:00	0	4	551	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/29/22 22:30	0	4	551	202518
1/29/22 23:00	0	4	551	202518
1/29/22 23:30	0	4	550	202518
1/30/22 0:00	0	4	550	202518
1/30/22 0:30	0	4	550	202518
1/30/22 1:00	0	4	550	202518
1/30/22 1:30	0	4	550	202518
1/30/22 2:00	0	4	550	202518
1/30/22 2:30	0	4	550	202518
1/30/22 3:00	0	4	550	202518
1/30/22 3:30	0	4	550	202518
1/30/22 4:00	0	4	550	202518
1/30/22 4:30	0	4	550	202518
1/30/22 5:00	0	4	550	202518
1/30/22 5:30	0	4	551	202518
1/30/22 6:00	0	4	550	202518
1/30/22 6:30	0	4	550	202518
1/30/22 7:00	0	4	550	202518
1/30/22 7:30	0	4	550	202518
1/30/22 8:00	0	4	551	202518
1/30/22 8:30	0	4	551	202518
1/30/22 9:00	0	4	551	202518
1/30/22 9:30	0	4	551	202518
1/30/22 10:00	0	4	551	202518
1/30/22 10:30	0	4	551	202518
1/30/22 11:00	0	4	551	202518
1/30/22 11:30	0	4	551	202518
1/30/22 12:00	0	4	551	202518
1/30/22 12:30	0	4	551	202518
1/30/22 13:00	0	4	550	202518
1/30/22 13:30	0	4	551	202518
1/30/22 14:00	0	5	550	202518
1/30/22 14:30	0	5	550	202518
1/30/22 15:00	0	5	550	202518
1/30/22 15:30	0	5	550	202518
1/30/22 16:00	0	5	551	202518
1/30/22 16:30	0	5	550	202518
1/30/22 17:00	0	5	550	202518
1/30/22 17:30	0	5	550	202518
1/30/22 18:00	0	5	550	202518
1/30/22 18:30	0	5	550	202518
1/30/22 19:00	0	5	550	202518
1/30/22 19:30	0	5	550	202518
1/30/22 20:00	0	5	550	202518
1/30/22 20:30	0	4	550	202518
1/30/22 21:00	0	4	550	202518
1/30/22 21:30	0	4	550	202518
1/30/22 22:00	0	4	550	202518
1/30/22 22:30	0	4	550	202518
1/30/22 23:00	0	4	550	202518
1/30/22 23:30	0	4	550	202518
1/31/22 0:00	0	4	550	202518
1/31/22 0:30	0	4	550	202518
1/31/22 1:00	0	4	550	202518
1/31/22 1:30	0	4	550	202518
1/31/22 2:00	0	4	550	202518
1/31/22 2:30	0	4	550	202518
1/31/22 3:00	0	4	550	202518

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
1/31/22 3:30	0	4	550	202518
1/31/22 4:00	0	4	550	202518
1/31/22 4:30	0	4	550	202518
1/31/22 5:00	0	4	550	202518
1/31/22 5:30	0	4	550	202518
1/31/22 6:00	0	4	549	202518
1/31/22 6:30	0	4	550	202518
1/31/22 7:00	0	4	550	202518
1/31/22 7:30	0	4	550	202518
1/31/22 8:00	0	4	551	202518
1/31/22 8:30	0	4	551	202518
1/31/22 9:00	0	4	551	202518
1/31/22 9:30	0	4	550	202518
1/31/22 10:00	0	4	550	202518
1/31/22 10:30	0	4	550	202518
1/31/22 11:00	0	4	550	202518
1/31/22 11:30	0	5	550	202518
1/31/22 12:00	0	5	550	202518
1/31/22 12:30	0	5	550	202518
1/31/22 13:00	0	5	550	202518
1/31/22 13:30	0	5	550	202518
1/31/22 14:00	0	5	550	202518
1/31/22 14:30	0	5	550	202518
1/31/22 15:00	0	5	550	202518
1/31/22 15:30	0	5	550	202518
1/31/22 16:00	0	5	550	202518
1/31/22 16:30	0	5	550	202518
1/31/22 17:00	0	5	550	202518
1/31/22 17:30	0	5	549	202518
1/31/22 18:00	0	5	549	202518
1/31/22 18:30	0	5	550	202518
1/31/22 19:00	0	5	550	202518
1/31/22 19:30	0	5	550	202518
1/31/22 20:00	0	5	550	202518
1/31/22 20:30	0	5	550	202518
1/31/22 21:00	0	5	550	202518
1/31/22 21:30	0	5	549	202518
1/31/22 22:00	0	5	549	202518
1/31/22 22:30	0	5	549	202518
1/31/22 23:00	0	5	549	202518
1/31/22 23:30	0	5	549	202518
2/1/22 0:00	0	5	549	202519
2/1/22 0:30	0	5	549	202519
2/1/22 1:00	0	5	549	202519
2/1/22 1:30	0	5	549	202519
2/1/22 2:00	0	5	549	202519
2/1/22 2:30	0	5	549	202519
2/1/22 3:00	0	5	549	202519
2/1/22 3:30	0	5	549	202519
2/1/22 4:00	0	5	549	202519
2/1/22 4:30	0	5	549	202519
2/1/22 5:00	0	5	550	202519
2/1/22 5:30	0	5	550	202519
2/1/22 6:00	0	5	550	202519
2/1/22 6:30	0	5	550	202519
2/1/22 7:00	0	5	549	202519
2/1/22 7:30	0	5	549	202519
2/1/22 8:00	0	5	550	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/1/22 8:30	0	5	550	202519
2/1/22 9:00	0	5	550	202519
2/1/22 9:30	0	5	550	202519
2/1/22 10:00	0	5	550	202519
2/1/22 10:30	0	5	550	202519
2/1/22 11:00	0	5	550	202519
2/1/22 11:30	0	5	550	202519
2/1/22 12:00	0	5	549	202519
2/1/22 12:30	0	5	549	202519
2/1/22 13:00	0	5	549	202519
2/1/22 13:30	0	5	549	202519
2/1/22 14:00	0	5	549	202519
2/1/22 14:30	0	5	549	202519
2/1/22 15:00	0	5	549	202519
2/1/22 15:30	0	5	549	202519
2/1/22 16:00	0	5	549	202519
2/1/22 16:30	0	5	549	202519
2/1/22 17:00	0	5	549	202519
2/1/22 17:30	0	5	549	202519
2/1/22 18:00	0	5	549	202519
2/1/22 18:30	0	5	549	202519
2/1/22 19:00	0	5	549	202519
2/1/22 19:30	0	5	549	202519
2/1/22 20:00	0	5	549	202519
2/1/22 20:30	0	5	549	202519
2/1/22 21:00	0	5	549	202519
2/1/22 21:30	0	5	549	202519
2/1/22 22:00	0	5	549	202519
2/1/22 22:30	0	5	549	202519
2/1/22 23:00	0	5	549	202519
2/1/22 23:30	0	5	549	202519
2/2/22 0:00	0	5	549	202519
2/2/22 0:30	0	5	549	202519
2/2/22 1:00	0	5	549	202519
2/2/22 1:30	0	5	549	202519
2/2/22 2:00	0	5	549	202519
2/2/22 2:30	0	5	549	202519
2/2/22 3:00	0	5	549	202519
2/2/22 3:30	0	5	549	202519
2/2/22 4:00	0	5	549	202519
2/2/22 4:30	0	5	549	202519
2/2/22 5:00	0	5	549	202519
2/2/22 5:30	0	5	549	202519
2/2/22 6:00	0	5	549	202519
2/2/22 6:30	0	5	549	202519
2/2/22 7:00	0	5	549	202519
2/2/22 7:30	0	5	549	202519
2/2/22 8:00	0	5	549	202519
2/2/22 8:30	0	5	549	202519
2/2/22 9:00	0	5	549	202519
2/2/22 9:30	0	5	549	202519
2/2/22 10:00	0	5	549	202519
2/2/22 10:30	0	5	549	202519
2/2/22 11:00	0	5	549	202519
2/2/22 11:30	0	5	549	202519
2/2/22 12:00	0	5	549	202519
2/2/22 12:30	0	5	549	202519
2/2/22 13:00	0	5	549	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/2/22 13:30	0	5	549	202519
2/2/22 14:00	0	5	549	202519
2/2/22 14:30	0	5	549	202519
2/2/22 15:00	0	5	549	202519
2/2/22 15:30	0	5	549	202519
2/2/22 16:00	0	5	549	202519
2/2/22 16:30	0	5	549	202519
2/2/22 17:00	0	5	548	202519
2/2/22 17:30	0	5	548	202519
2/2/22 18:00	0	5	548	202519
2/2/22 18:30	0	5	548	202519
2/2/22 19:00	0	5	548	202519
2/2/22 19:30	0	5	548	202519
2/2/22 20:00	0	5	548	202519
2/2/22 20:30	0	5	548	202519
2/2/22 21:00	0	5	548	202519
2/2/22 21:30	0	5	548	202519
2/2/22 22:00	0	5	548	202519
2/2/22 22:30	0	5	548	202519
2/2/22 23:00	0	5	548	202519
2/2/22 23:30	0	5	548	202519
2/3/22 0:00	0	5	548	202519
2/3/22 0:30				
2/3/22 1:00	0	5	548	202519
2/3/22 1:30	0	5	548	202519
2/3/22 2:00	0	5	548	202519
2/3/22 2:30	0	5	548	202519
2/3/22 3:00	0	5	548	202519
2/3/22 3:30	0	5	548	202519
2/3/22 4:00	0	5	548	202519
2/3/22 4:30	0	5	548	202519
2/3/22 5:00	0	5	548	202519
2/3/22 5:30	0	5	548	202519
2/3/22 6:00	0	5	548	202519
2/3/22 6:30	0	5	547	202519
2/3/22 7:00	0	5	547	202519
2/3/22 7:30	0	5	548	202519
2/3/22 8:00	0	5	549	202519
2/3/22 8:30	0	5	549	202519
2/3/22 9:00	0	5	549	202519
2/3/22 9:30	0	5	549	202519
2/3/22 10:00	0	5	549	202519
2/3/22 10:30	0	5	549	202519
2/3/22 11:00	0	5	548	202519
2/3/22 11:30	0	5	548	202519
2/3/22 12:00	0	5	548	202519
2/3/22 12:30	0	5	548	202519
2/3/22 13:00	0	5	548	202519
2/3/22 13:30	0	5	548	202519
2/3/22 14:00	0	5	548	202519
2/3/22 14:30	0	5	548	202519
2/3/22 15:00	0	5	548	202519
2/3/22 15:30	0	5	548	202519
2/3/22 16:00	0	5	548	202519
2/3/22 16:30	0	5	548	202519
2/3/22 17:00	0	5	548	202519
2/3/22 17:30	0	5	547	202519
2/3/22 18:00	0	5	547	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/3/22 18:30	0	5	548	202519
2/3/22 19:00	0	5	548	202519
2/3/22 19:30	0	5	547	202519
2/3/22 20:00	0	5	547	202519
2/3/22 20:30	0	5	547	202519
2/3/22 21:00	0	5	547	202519
2/3/22 21:30	0	5	547	202519
2/3/22 22:00	0	5	547	202519
2/3/22 22:30	0	5	547	202519
2/3/22 23:00	0	5	547	202519
2/3/22 23:30	0	5	547	202519
2/4/22 0:00	0	5	547	202519
2/4/22 0:30	0	5	547	202519
2/4/22 1:00	0	5	547	202519
2/4/22 1:30	0	5	547	202519
2/4/22 2:00	0	5	547	202519
2/4/22 2:30	0	5	547	202519
2/4/22 3:00	0	5	547	202519
2/4/22 3:30	0	5	547	202519
2/4/22 4:00	0	5	547	202519
2/4/22 4:30	0	5	547	202519
2/4/22 5:00	0	5	547	202519
2/4/22 5:30	0	5	547	202519
2/4/22 6:00	0	5	547	202519
2/4/22 6:30	0	5	547	202519
2/4/22 7:00	0	5	547	202519
2/4/22 7:30	0	5	547	202519
2/4/22 8:00	0	5	549	202519
2/4/22 8:30	0	5	548	202519
2/4/22 9:00	0	5	548	202519
2/4/22 9:30	0	5	548	202519
2/4/22 10:00	0	5	548	202519
2/4/22 10:30	0	5	548	202519
2/4/22 11:00	0	5	548	202519
2/4/22 11:30	0	5	548	202519
2/4/22 12:00	0	5	548	202519
2/4/22 12:30	0	5	548	202519
2/4/22 13:00	0	5	547	202519
2/4/22 13:30	0	5	547	202519
2/4/22 14:00	0	5	547	202519
2/4/22 14:30	0	5	547	202519
2/4/22 15:00	0	5	547	202519
2/4/22 15:30	0	5	547	202519
2/4/22 16:00	0	5	547	202519
2/4/22 16:30	0	5	547	202519
2/4/22 17:00	0	5	547	202519
2/4/22 17:30	0	5	547	202519
2/4/22 18:00	0	5	547	202519
2/4/22 18:30	0	5	547	202519
2/4/22 19:00	0	5	547	202519
2/4/22 19:30	0	5	547	202519
2/4/22 20:00	0	5	547	202519
2/4/22 20:30	0	5	547	202519
2/4/22 21:00	0	5	547	202519
2/4/22 21:30	0	5	547	202519
2/4/22 22:00	0	5	547	202519
2/4/22 22:30	0	5	547	202519
2/4/22 23:00	0	5	547	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/4/22 23:30	0	5	547	202519
2/5/22 0:00	0	5	547	202519
2/5/22 0:30	0	5	547	202519
2/5/22 1:00	0	5	546	202519
2/5/22 1:30	0	5	546	202519
2/5/22 2:00	0	5	546	202519
2/5/22 2:30	0	5	546	202519
2/5/22 3:00	0	5	546	202519
2/5/22 3:30	0	5	546	202519
2/5/22 4:00	0	5	546	202519
2/5/22 4:30	0	5	546	202519
2/5/22 5:00	0	5	546	202519
2/5/22 5:30	0	5	546	202519
2/5/22 6:00	0	5	546	202519
2/5/22 6:30	0	5	546	202519
2/5/22 7:00	0	5	546	202519
2/5/22 7:30	0	5	547	202519
2/5/22 8:00	0	5	548	202519
2/5/22 8:30	0	5	548	202519
2/5/22 9:00	0	5	548	202519
2/5/22 9:30	0	5	547	202519
2/5/22 10:00	0	5	547	202519
2/5/22 10:30	0	5	547	202519
2/5/22 11:00	0	5	547	202519
2/5/22 11:30	0	5	547	202519
2/5/22 12:00	0	5	547	202519
2/5/22 12:30	0	5	547	202519
2/5/22 13:00	0	5	547	202519
2/5/22 13:30	0	6	547	202519
2/5/22 14:00	0	6	547	202519
2/5/22 14:30	0	6	547	202519
2/5/22 15:00	0	6	547	202519
2/5/22 15:30	0	6	547	202519
2/5/22 16:00	0	6	547	202519
2/5/22 16:30	0	6	547	202519
2/5/22 17:00	0	6	547	202519
2/5/22 17:30	0	6	546	202519
2/5/22 18:00	0	6	546	202519
2/5/22 18:30	0	6	546	202519
2/5/22 19:00	0	6	546	202519
2/5/22 19:30	0	6	546	202519
2/5/22 20:00	0	6	546	202519
2/5/22 20:30	0	6	546	202519
2/5/22 21:00	0	5	546	202519
2/5/22 21:30	0	5	546	202519
2/5/22 22:00	0	6	546	202519
2/5/22 22:30	0	6	546	202519
2/5/22 23:00	0	6	546	202519
2/5/22 23:30	0	5	546	202519
2/6/22 0:00	0	5	546	202519
2/6/22 0:30	0	5	546	202519
2/6/22 1:00	0	5	546	202519
2/6/22 1:30	0	5	546	202519
2/6/22 2:00	0	5	546	202519
2/6/22 2:30	0	5	546	202519
2/6/22 3:00	0	5	546	202519
2/6/22 3:30	0	5	546	202519
2/6/22 4:00	0	5	546	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/6/22 4:30	0	5	546	202519
2/6/22 5:00	0	5	546	202519
2/6/22 5:30	0	5	546	202519
2/6/22 6:00	0	5	546	202519
2/6/22 6:30	0	5	546	202519
2/6/22 7:00	0	5	546	202519
2/6/22 7:30	0	5	546	202519
2/6/22 8:00	0	5	547	202519
2/6/22 8:30	0	5	547	202519
2/6/22 9:00	0	5	547	202519
2/6/22 9:30	0	5	547	202519
2/6/22 10:00	0	5	547	202519
2/6/22 10:30	0	6	547	202519
2/6/22 11:00	0	6	547	202519
2/6/22 11:30	0	6	546	202519
2/6/22 12:00	0	6	546	202519
2/6/22 12:30	0	6	546	202519
2/6/22 13:00	0	6	546	202519
2/6/22 13:30	0	6	546	202519
2/6/22 14:00	0	6	546	202519
2/6/22 14:30	0	6	546	202519
2/6/22 15:00	0	6	546	202519
2/6/22 15:30	0	6	546	202519
2/6/22 16:00	0	6	546	202519
2/6/22 16:30	0	6	546	202519
2/6/22 17:00	0	6	546	202519
2/6/22 17:30				
2/6/22 18:00	0	6	546	202519
2/6/22 18:30	0	6	546	202519
2/6/22 19:00	0	6	546	202519
2/6/22 19:30	0	6	546	202519
2/6/22 20:00	0	6	546	202519
2/6/22 20:30	0	6	546	202519
2/6/22 21:00	0	6	546	202519
2/6/22 21:30	0	6	546	202519
2/6/22 22:00	0	6	546	202519
2/6/22 22:30	0	6	546	202519
2/6/22 23:00	0	6	545	202519
2/6/22 23:30	0	6	545	202519
2/7/22 0:00	0	6	545	202519
2/7/22 0:30	0	6	545	202519
2/7/22 1:00	0	6	545	202519
2/7/22 1:30	0	6	545	202519
2/7/22 2:00	0	6	545	202519
2/7/22 2:30	0	6	545	202519
2/7/22 3:00	0	6	545	202519
2/7/22 3:30	0	6	545	202519
2/7/22 4:00	0	6	545	202519
2/7/22 4:30	0	6	545	202519
2/7/22 5:00	0	6	545	202519
2/7/22 5:30	0	5	545	202519
2/7/22 6:00	0	5	545	202519
2/7/22 6:30	0	5	545	202519
2/7/22 7:00	0	5	545	202519
2/7/22 7:30	0	5	546	202519
2/7/22 8:00	0	5	547	202519
2/7/22 8:30	0	6	547	202519
2/7/22 9:00	0	6	546	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/7/22 9:30	0	6	546	202519
2/7/22 10:00	0	6	546	202519
2/7/22 10:30	0	6	546	202519
2/7/22 11:00	0	6	546	202519
2/7/22 11:30	0	6	546	202519
2/7/22 12:00	0	6	546	202519
2/7/22 12:30	0	6	546	202519
2/7/22 13:00	0	6	546	202519
2/7/22 13:30	0	6	546	202519
2/7/22 14:00	0	6	546	202519
2/7/22 14:30	0	6	546	202519
2/7/22 15:00	0	6	546	202519
2/7/22 15:30	0	6	545	202519
2/7/22 16:00	0	6	545	202519
2/7/22 16:30	0	6	545	202519
2/7/22 17:00	0	6	545	202519
2/7/22 17:30	0	6	545	202519
2/7/22 18:00	0	6	545	202519
2/7/22 18:30	0	6	545	202519
2/7/22 19:00	0	6	545	202519
2/7/22 19:30	0	6	545	202519
2/7/22 20:00	0	6	545	202519
2/7/22 20:30	0	6	545	202519
2/7/22 21:00	0	6	545	202519
2/7/22 21:30	0	6	545	202519
2/7/22 22:00	0	6	545	202519
2/7/22 22:30	0	6	545	202519
2/7/22 23:00	0	6	545	202519
2/7/22 23:30	0	6	545	202519
2/8/22 0:00	0	6	545	202519
2/8/22 0:30	0	6	545	202519
2/8/22 1:00	0	6	545	202519
2/8/22 1:30	0	6	545	202519
2/8/22 2:00	0	6	545	202519
2/8/22 2:30	0	6	545	202519
2/8/22 3:00	0	6	545	202519
2/8/22 3:30	0	6	545	202519
2/8/22 4:00	0	6	545	202519
2/8/22 4:30	0	6	545	202519
2/8/22 5:00	0	6	544	202519
2/8/22 5:30	0	6	544	202519
2/8/22 6:00	0	6	544	202519
2/8/22 6:30	0	6	544	202519
2/8/22 7:00	0	6	544	202519
2/8/22 7:30	0	6	545	202519
2/8/22 8:00	0	6	546	202519
2/8/22 8:30	0	6	546	202519
2/8/22 9:00	0	6	546	202519
2/8/22 9:30	0	6	546	202519
2/8/22 10:00	0	6	546	202519
2/8/22 10:30	0	6	545	202519
2/8/22 11:00	0	6	545	202519
2/8/22 11:30	0	6	545	202519
2/8/22 12:00	0	6	545	202519
2/8/22 12:30	0	6	545	202519
2/8/22 13:00	0	6	545	202519
2/8/22 13:30	0	6	545	202519
2/8/22 14:00	0	6	545	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/8/22 14:30	0	6	545	202519
2/8/22 15:00	0	6	545	202519
2/8/22 15:30	0	6	545	202519
2/8/22 16:00	0	6	545	202519
2/8/22 16:30	0	6	545	202519
2/8/22 17:00	0	6	545	202519
2/8/22 17:30	0	6	544	202519
2/8/22 18:00	0	6	544	202519
2/8/22 18:30	0	6	545	202519
2/8/22 19:00	0	6	545	202519
2/8/22 19:30	0	6	545	202519
2/8/22 20:00	0	6	545	202519
2/8/22 20:30	0	6	545	202519
2/8/22 21:00	0	6	545	202519
2/8/22 21:30	0	6	545	202519
2/8/22 22:00	0	6	545	202519
2/8/22 22:30	0	6	545	202519
2/8/22 23:00	0	6	545	202519
2/8/22 23:30	0	6	544	202519
2/9/22 0:00	0	6	544	202519
2/9/22 0:30	0	6	544	202519
2/9/22 1:00	0	6	544	202519
2/9/22 1:30	0	6	544	202519
2/9/22 2:00	0	6	544	202519
2/9/22 2:30	0	6	544	202519
2/9/22 3:00	0	6	544	202519
2/9/22 3:30	0	6	544	202519
2/9/22 4:00				
2/9/22 4:30	0	6	544	202519
2/9/22 5:00	0	6	544	202519
2/9/22 5:30	0	6	544	202519
2/9/22 6:00	0	6	544	202519
2/9/22 6:30	0	6	544	202519
2/9/22 7:00	0	6	544	202519
2/9/22 7:30	0	6	545	202519
2/9/22 8:00	0	6	545	202519
2/9/22 8:30	0	6	546	202519
2/9/22 9:00	0	6	546	202519
2/9/22 9:30	0	6	545	202519
2/9/22 10:00	0	6	545	202519
2/9/22 10:30	0	6	544	202519
2/9/22 11:00	0	6	545	202519
2/9/22 11:30	0	6	545	202519
2/9/22 12:00	0	6	545	202519
2/9/22 12:30	0	6	544	202519
2/9/22 13:00	0	6	544	202519
2/9/22 13:30	0	6	544	202519
2/9/22 14:00	0	6	545	202519
2/9/22 14:30	0	6	544	202519
2/9/22 15:00	0	6	544	202519
2/9/22 15:30	0	6	544	202519
2/9/22 16:00	0	6	544	202519
2/9/22 16:30	0	6	544	202519
2/9/22 17:00	0	6	544	202519
2/9/22 17:30	0	6	544	202519
2/9/22 18:00	0	6	544	202519
2/9/22 18:30	0	6	544	202519
2/9/22 19:00	0	6	544	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/9/22 19:30	0	6	544	202519
2/9/22 20:00	0	6	544	202519
2/9/22 20:30	0	6	544	202519
2/9/22 21:00	0	6	544	202519
2/9/22 21:30	0	6	544	202519
2/9/22 22:00	0	6	544	202519
2/9/22 22:30	0	6	544	202519
2/9/22 23:00	0	6	544	202519
2/9/22 23:30	0	6	544	202519
2/10/22 0:00	0	6	544	202519
2/10/22 0:30	0	6	544	202519
2/10/22 1:00	0	6	544	202519
2/10/22 1:30	0	6	544	202519
2/10/22 2:00	0	6	544	202519
2/10/22 2:30	0	6	544	202519
2/10/22 3:00	0	6	544	202519
2/10/22 3:30	0	6	543	202519
2/10/22 4:00	0	6	543	202519
2/10/22 4:30	0	6	543	202519
2/10/22 5:00	0	6	543	202519
2/10/22 5:30	0	6	543	202519
2/10/22 6:00	0	6	544	202519
2/10/22 6:30	0	6	543	202519
2/10/22 7:00	0	6	543	202519
2/10/22 7:30	0	6	544	202519
2/10/22 8:00	0	6	545	202519
2/10/22 8:30	0	6	545	202519
2/10/22 9:00	0	6	545	202519
2/10/22 9:30	0	6	545	202519
2/10/22 10:00	0	6	544	202519
2/10/22 10:30	0	6	544	202519
2/10/22 11:00	0	6	544	202519
2/10/22 11:30	0	6	544	202519
2/10/22 12:00	0	6	544	202519
2/10/22 12:30	0	6	544	202519
2/10/22 13:00	0	6	544	202519
2/10/22 13:30	0	6	544	202519
2/10/22 14:00	0	6	544	202519
2/10/22 14:30	0	7	544	202519
2/10/22 15:00	0	7	544	202519
2/10/22 15:30	0	7	544	202519
2/10/22 16:00	0	7	544	202519
2/10/22 16:30	0	7	544	202519
2/10/22 17:00	0	7	544	202519
2/10/22 17:30	0	7	544	202519
2/10/22 18:00	0	7	544	202519
2/10/22 18:30	0	7	544	202519
2/10/22 19:00	0	7	544	202519
2/10/22 19:30	0	7	544	202519
2/10/22 20:00	0	7	544	202519
2/10/22 20:30	0	7	544	202519
2/10/22 21:00	0	7	544	202519
2/10/22 21:30	0	7	544	202519
2/10/22 22:00	0	7	544	202519
2/10/22 22:30	0	6	544	202519
2/10/22 23:00	0	6	543	202519
2/10/22 23:30	0	6	544	202519
2/11/22 0:00	0	6	543	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/11/22 0:30	0	6	543	202519
2/11/22 1:00	0	6	543	202519
2/11/22 1:30	0	6	543	202519
2/11/22 2:00	0	6	543	202519
2/11/22 2:30	0	6	543	202519
2/11/22 3:00	0	6	543	202519
2/11/22 3:30	0	6	543	202519
2/11/22 4:00	0	6	543	202519
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2/11/22 6:00	0	6	543	202519
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2/11/22 21:30	0	7	543	202519
2/11/22 22:00	0	7	543	202519
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2/11/22 23:00	0	7	543	202519
2/11/22 23:30	0	7	543	202519
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2/12/22 0:30	0	7	543	202519
2/12/22 1:00	0	7	543	202519
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2/12/22 2:00	0	7	543	202519
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2/12/22 3:00	0	7	543	202519
2/12/22 3:30	0	7	543	202519
2/12/22 4:00	0	7	543	202519
2/12/22 4:30	0	7	543	202519
2/12/22 5:00	0	7	543	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/12/22 5:30	0	7	543	202519
2/12/22 6:00	0	6	543	202519
2/12/22 6:30	0	6	543	202519
2/12/22 7:00	0	6	543	202519
2/12/22 7:30	0	7	543	202519
2/12/22 8:00	0	6	544	202519
2/12/22 8:30	0	7	544	202519
2/12/22 9:00	0	7	543	202519
2/12/22 9:30	0	7	543	202519
2/12/22 10:00	0	7	543	202519
2/12/22 10:30	0	7	543	202519
2/12/22 11:00	0	7	543	202519
2/12/22 11:30	0	7	543	202519
2/12/22 12:00	0	7	543	202519
2/12/22 12:30	0	7	543	202519
2/12/22 13:00	0	7	543	202519
2/12/22 13:30	0	7	543	202519
2/12/22 14:00	0	7	543	202519
2/12/22 14:30	0	7	543	202519
2/12/22 15:00	0	7	543	202519
2/12/22 15:30	0	7	543	202519
2/12/22 16:00	0	7	543	202519
2/12/22 16:30	0	7	543	202519
2/12/22 17:00	0	7	543	202519
2/12/22 17:30	0	7	542	202519
2/12/22 18:00	0	7	542	202519
2/12/22 18:30	0	7	542	202519
2/12/22 19:00	0	7	543	202519
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2/12/22 20:00	0	7	543	202519
2/12/22 20:30	0	7	543	202519
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2/12/22 21:30	0	7	542	202519
2/12/22 22:00	0	7	542	202519
2/12/22 22:30	0	7	542	202519
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2/12/22 23:30	0	7	542	202519
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2/13/22 3:30	0	7	542	202519
2/13/22 4:00	0	7	542	202519
2/13/22 4:30	0	7	542	202519
2/13/22 5:00	0	7	542	202519
2/13/22 5:30	0	7	542	202519
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2/13/22 6:30	0	7	542	202519
2/13/22 7:00	0	7	542	202519
2/13/22 7:30	0	6	543	202519
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2/13/22 8:30	0	7	543	202519
2/13/22 9:00	0	7	543	202519
2/13/22 9:30	0	7	543	202519
2/13/22 10:00	0	7	543	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/13/22 10:30	0	7	543	202519
2/13/22 11:00	0	7	543	202519
2/13/22 11:30	0	7	543	202519
2/13/22 12:00	0	7	542	202519
2/13/22 12:30	0	7	542	202519
2/13/22 13:00	0	7	542	202519
2/13/22 13:30	0	7	542	202519
2/13/22 14:00	0	7	542	202519
2/13/22 14:30	0	7	542	202519
2/13/22 15:00	0	7	542	202519
2/13/22 15:30	0	7	542	202519
2/13/22 16:00	0	7	542	202519
2/13/22 16:30	0	7	542	202519
2/13/22 17:00	0	7	542	202519
2/13/22 17:30	0	7	542	202519
2/13/22 18:00	0	7	542	202519
2/13/22 18:30	0	7	542	202519
2/13/22 19:00	0	7	542	202519
2/13/22 19:30	0	7	542	202519
2/13/22 20:00	0	7	542	202519
2/13/22 20:30	0	7	542	202519
2/13/22 21:00	0	7	542	202519
2/13/22 21:30	0	7	542	202519
2/13/22 22:00	0	7	542	202519
2/13/22 22:30	0	7	542	202519
2/13/22 23:00	0	7	542	202519
2/13/22 23:30	0	7	542	202519
2/14/22 0:00	0	7	542	202519
2/14/22 0:30	0	7	542	202519
2/14/22 1:00	0	7	542	202519
2/14/22 1:30	0	7	542	202519
2/14/22 2:00	0	7	542	202519
2/14/22 2:30	0	7	542	202519
2/14/22 3:00	0	7	542	202519
2/14/22 3:30	0	7	541	202519
2/14/22 4:00	0	7	541	202519
2/14/22 4:30	0	7	541	202519
2/14/22 5:00	0	7	542	202519
2/14/22 5:30	0	7	542	202519
2/14/22 6:00	0	7	542	202519
2/14/22 6:30	0	7	541	202519
2/14/22 7:00	0	7	542	202519
2/14/22 7:30	0	7	542	202519
2/14/22 8:00	0	7	543	202519
2/14/22 8:30	0	7	543	202519
2/14/22 9:00	0	7	542	202519
2/14/22 9:30	0	7	542	202519
2/14/22 10:00	0	7	542	202519
2/14/22 10:30	0	7	542	202519
2/14/22 11:00	0	7	542	202519
2/14/22 11:30	0	7	542	202519
2/14/22 12:00	0	7	542	202519
2/14/22 12:30	0	7	542	202519
2/14/22 13:00	0	7	542	202519
2/14/22 13:30	0	7	542	202519
2/14/22 14:00	0	7	542	202519
2/14/22 14:30	0	7	542	202519
2/14/22 15:00	0	7	542	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/14/22 15:30	0	7	542	202519
2/14/22 16:00	0	7	542	202519
2/14/22 16:30	0	7	542	202519
2/14/22 17:00	0	7	542	202519
2/14/22 17:30	0	7	541	202519
2/14/22 18:00	0	7	541	202519
2/14/22 18:30	0	7	541	202519
2/14/22 19:00	0	7	542	202519
2/14/22 19:30	0	7	542	202519
2/14/22 20:00	0	7	542	202519
2/14/22 20:30	0	7	542	202519
2/14/22 21:00	0	7	542	202519
2/14/22 21:30	0	7	541	202519
2/14/22 22:00	0	7	542	202519
2/14/22 22:30	0	7	541	202519
2/14/22 23:00	0	7	541	202519
2/14/22 23:30	0	7	541	202519
2/15/22 0:00	0	7	541	202519
2/15/22 0:30	0	7	541	202519
2/15/22 1:00	0	7	541	202519
2/15/22 1:30	0	7	541	202519
2/15/22 2:00	0	7	541	202519
2/15/22 2:30	0	7	541	202519
2/15/22 3:00	0	7	541	202519
2/15/22 3:30	0	7	541	202519
2/15/22 4:00	0	7	541	202519
2/15/22 4:30	0	7	541	202519
2/15/22 5:00	0	7	541	202519
2/15/22 5:30	0	7	541	202519
2/15/22 6:00	0	7	541	202519
2/15/22 6:30	0	7	541	202519
2/15/22 7:00	0	7	541	202519
2/15/22 7:30	0	7	541	202519
2/15/22 8:00	0	7	542	202519
2/15/22 8:30	0	7	542	202519
2/15/22 9:00	0	7	542	202519
2/15/22 9:30	0	7	542	202519
2/15/22 10:00	0	7	542	202519
2/15/22 10:30	0	7	542	202519
2/15/22 11:00	0	7	542	202519
2/15/22 11:30	0	7	542	202519
2/15/22 12:00	0	7	542	202519
2/15/22 12:30	0	7	542	202519
2/15/22 13:00	0	7	542	202519
2/15/22 13:30	0	7	541	202519
2/15/22 14:00	0	7	541	202519
2/15/22 14:30	0	7	541	202519
2/15/22 15:00	0	8	541	202519
2/15/22 15:30	0	8	541	202519
2/15/22 16:00	0	8	541	202519
2/15/22 16:30	0	8	541	202519
2/15/22 17:00	0	8	541	202519
2/15/22 17:30	0	7	541	202519
2/15/22 18:00	0	7	541	202519
2/15/22 18:30	0	7	541	202519
2/15/22 19:00	0	7	541	202519
2/15/22 19:30	0	7	541	202519
2/15/22 20:00	0	7	541	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/15/22 20:30	0	7	541	202519
2/15/22 21:00	0	7	541	202519
2/15/22 21:30	0	7	541	202519
2/15/22 22:00	0	7	541	202519
2/15/22 22:30	0	7	541	202519
2/15/22 23:00	0	7	541	202519
2/15/22 23:30	0	7	541	202519
2/16/22 0:00	0	7	541	202519
2/16/22 0:30	0	7	541	202519
2/16/22 1:00	0	7	541	202519
2/16/22 1:30	0	7	541	202519
2/16/22 2:00	0	7	541	202519
2/16/22 2:30	0	7	541	202519
2/16/22 3:00	0	7	541	202519
2/16/22 3:30	0	7	541	202519
2/16/22 4:00	0	7	541	202519
2/16/22 4:30	0	7	541	202519
2/16/22 5:00	0	7	541	202519
2/16/22 5:30	0	7	541	202519
2/16/22 6:00	0	7	541	202519
2/16/22 6:30	0	7	541	202519
2/16/22 7:00	0	7	541	202519
2/16/22 7:30	0	7	541	202519
2/16/22 8:00	0	7	541	202519
2/16/22 8:30	0	7	542	202519
2/16/22 9:00	0	7	542	202519
2/16/22 9:30	0	7	541	202519
2/16/22 10:00	0	7	541	202519
2/16/22 10:30	0	7	541	202519
2/16/22 11:00	0	7	541	202519
2/16/22 11:30	0	7	541	202519
2/16/22 12:00	0	7	541	202519
2/16/22 12:30	0	7	541	202519
2/16/22 13:00	0	7	541	202519
2/16/22 13:30	0	7	541	202519
2/16/22 14:00	0	7	541	202519
2/16/22 14:30	0	7	541	202519
2/16/22 15:00	0	7	541	202519
2/16/22 15:30	0	7	541	202519
2/16/22 16:00	0	7	541	202519
2/16/22 16:30	0	7	541	202519
2/16/22 17:00	0	7	541	202519
2/16/22 17:30	0	7	540	202519
2/16/22 18:00	0	7	541	202519
2/16/22 18:30	0	7	541	202519
2/16/22 19:00	0	7	541	202519
2/16/22 19:30	0	7	541	202519
2/16/22 20:00	0	7	541	202519
2/16/22 20:30	0	7	541	202519
2/16/22 21:00	0	7	541	202519
2/16/22 21:30	0	7	541	202519
2/16/22 22:00	0	7	541	202519
2/16/22 22:30	0	7	540	202519
2/16/22 23:00	0	7	540	202519
2/16/22 23:30	0	7	540	202519
2/17/22 0:00	0	7	540	202519
2/17/22 0:30	0	7	540	202519
2/17/22 1:00	0	7	540	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/17/22 1:30	0	7	540	202519
2/17/22 2:00	0	7	540	202519
2/17/22 2:30	0	7	540	202519
2/17/22 3:00	0	7	540	202519
2/17/22 3:30	0	7	540	202519
2/17/22 4:00	0	7	540	202519
2/17/22 4:30	0	7	540	202519
2/17/22 5:00	0	7	540	202519
2/17/22 5:30	0	7	540	202519
2/17/22 6:00	0	7	540	202519
2/17/22 6:30	0	7	540	202519
2/17/22 7:00	0	7	540	202519
2/17/22 7:30	0	7	540	202519
2/17/22 8:00	0	7	540	202519
2/17/22 8:30	0	7	540	202519
2/17/22 9:00	0	7	540	202519
2/17/22 9:30	0	7	540	202519
2/17/22 10:00	0	7	541	202519
2/17/22 10:30	0	7	541	202519
2/17/22 11:00	0	7	541	202519
2/17/22 11:30	0	7	541	202519
2/17/22 12:00	0	7	541	202519
2/17/22 12:30	0	7	540	202519
2/17/22 13:00	0	7	540	202519
2/17/22 13:30	0	7	540	202519
2/17/22 14:00	0	7	540	202519
2/17/22 14:30	0	8	540	202519
2/17/22 15:00	0	8	540	202519
2/17/22 15:30	0	8	540	202519
2/17/22 16:00	0	8	540	202519
2/17/22 16:30	0	8	540	202519
2/17/22 17:00	0	8	540	202519
2/17/22 17:30	0	8	540	202519
2/17/22 18:00	0	8	540	202519
2/17/22 18:30	0	8	540	202519
2/17/22 19:00	0	8	540	202519
2/17/22 19:30	0	8	540	202519
2/17/22 20:00	0	8	540	202519
2/17/22 20:30	0	8	540	202519
2/17/22 21:00	0	8	540	202519
2/17/22 21:30	0	7	540	202519
2/17/22 22:00	0	7	540	202519
2/17/22 22:30	0	7	540	202519
2/17/22 23:00	0	7	540	202519
2/17/22 23:30	0	7	540	202519
2/18/22 0:00	0	7	540	202519
2/18/22 0:30	0	7	540	202519
2/18/22 1:00	0	7	539	202519
2/18/22 1:30	0	7	539	202519
2/18/22 2:00	0	7	539	202519
2/18/22 2:30	0	7	539	202519
2/18/22 3:00	0	7	539	202519
2/18/22 3:30	0	7	539	202519
2/18/22 4:00	0	7	539	202519
2/18/22 4:30	0	7	539	202519
2/18/22 5:00	0	7	539	202519
2/18/22 5:30	0	7	539	202519
2/18/22 6:00	0	7	539	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/18/22 6:30	0	7	539	202519
2/18/22 7:00	0	7	539	202519
2/18/22 7:30	0	7	540	202519
2/18/22 8:00	0	7	541	202519
2/18/22 8:30	0	7	541	202519
2/18/22 9:00	0	7	540	202519
2/18/22 9:30	0	7	540	202519
2/18/22 10:00	0	7	540	202519
2/18/22 10:30	0	7	540	202519
2/18/22 11:00	0	7	540	202519
2/18/22 11:30	0	7	540	202519
2/18/22 12:00	0	7	540	202519
2/18/22 12:30	0	8	540	202519
2/18/22 13:00	0	8	540	202519
2/18/22 13:30	0	8	540	202519
2/18/22 14:00	0	8	540	202519
2/18/22 14:30	0	8	540	202519
2/18/22 15:00	0	8	540	202519
2/18/22 15:30	0	8	539	202519
2/18/22 16:00	0	8	539	202519
2/18/22 16:30	0	8	539	202519
2/18/22 17:00	0	8	539	202519
2/18/22 17:30	0	8	539	202519
2/18/22 18:00	0	8	539	202519
2/18/22 18:30	0	8	539	202519
2/18/22 19:00	0	8	539	202519
2/18/22 19:30	0	8	539	202519
2/18/22 20:00	0	8	539	202519
2/18/22 20:30	0	8	539	202519
2/18/22 21:00	0	8	539	202519
2/18/22 21:30	0	8	539	202519
2/18/22 22:00	0	8	539	202519
2/18/22 22:30	0	8	539	202519
2/18/22 23:00	0	8	539	202519
2/18/22 23:30	0	8	539	202519
2/19/22 0:00	0	8	539	202519
2/19/22 0:30	0	8	539	202519
2/19/22 1:00	0	8	539	202519
2/19/22 1:30	0	8	539	202519
2/19/22 2:00	0	8	539	202519
2/19/22 2:30	0	7	539	202519
2/19/22 3:00	0	7	539	202519
2/19/22 3:30	0	7	539	202519
2/19/22 4:00	0	7	539	202519
2/19/22 4:30	0	7	539	202519
2/19/22 5:00	0	7	539	202519
2/19/22 5:30	0	7	539	202519
2/19/22 6:00	0	7	539	202519
2/19/22 6:30	0	7	539	202519
2/19/22 7:00	0	7	539	202519
2/19/22 7:30	0	7	540	202519
2/19/22 8:00	0	7	540	202519
2/19/22 8:30	0	7	540	202519
2/19/22 9:00	0	7	540	202519
2/19/22 9:30	0	7	540	202519
2/19/22 10:00	0	8	540	202519
2/19/22 10:30	0	8	539	202519
2/19/22 11:00	0	8	539	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/19/22 11:30	0	8	539	202519
2/19/22 12:00	0	8	539	202519
2/19/22 12:30	0	8	539	202519
2/19/22 13:00	0	8	539	202519
2/19/22 13:30	0	8	539	202519
2/19/22 14:00	0	8	539	202519
2/19/22 14:30	0	8	539	202519
2/19/22 15:00	0	8	539	202519
2/19/22 15:30	0	8	539	202519
2/19/22 16:00	0	8	539	202519
2/19/22 16:30	0	8	539	202519
2/19/22 17:00	0	8	539	202519
2/19/22 17:30	0	8	539	202519
2/19/22 18:00	0	8	539	202519
2/19/22 18:30	0	8	539	202519
2/19/22 19:00	0	8	539	202519
2/19/22 19:30	0	8	539	202519
2/19/22 20:00	0	8	539	202519
2/19/22 20:30	0	8	539	202519
2/19/22 21:00	0	8	539	202519
2/19/22 21:30	0	8	539	202519
2/19/22 22:00	0	8	539	202519
2/19/22 22:30	0	8	539	202519
2/19/22 23:00	0	8	539	202519
2/19/22 23:30	0	8	539	202519
2/20/22 0:00	0	8	539	202519
2/20/22 0:30	0	8	539	202519
2/20/22 1:00	0	8	539	202519
2/20/22 1:30	0	8	539	202519
2/20/22 2:00	0	8	539	202519
2/20/22 2:30	0	8	539	202519
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2/20/22 7:00	0	8	538	202519
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2/20/22 8:30	0	8	539	202519
2/20/22 9:00	0	8	539	202519
2/20/22 9:30	0	8	539	202519
2/20/22 10:00	0	8	539	202519
2/20/22 10:30	0	8	539	202519
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2/20/22 11:30	0	8	539	202519
2/20/22 12:00	0	8	539	202519
2/20/22 12:30	0	8	539	202519
2/20/22 13:00	0	8	539	202519
2/20/22 13:30	0	8	539	202519
2/20/22 14:00	0	8	539	202519
2/20/22 14:30	0	8	539	202519
2/20/22 15:00	0	8	538	202519
2/20/22 15:30	0	8	538	202519
2/20/22 16:00	0	8	538	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
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2/20/22 17:00	0	8	539	202519
2/20/22 17:30	0	8	538	202519
2/20/22 18:00	0	8	538	202519
2/20/22 18:30	0	8	538	202519
2/20/22 19:00	0	8	538	202519
2/20/22 19:30	0	8	538	202519
2/20/22 20:00	0	8	538	202519
2/20/22 20:30	0	8	539	202519
2/20/22 21:00	0	8	539	202519
2/20/22 21:30	0	8	539	202519
2/20/22 22:00	0	8	538	202519
2/20/22 22:30	0	8	538	202519
2/20/22 23:00	0	8	538	202519
2/20/22 23:30	0	8	538	202519
2/21/22 0:00	0	8	538	202519
2/21/22 0:30	0	8	538	202519
2/21/22 1:00	0	8	538	202519
2/21/22 1:30	0	8	538	202519
2/21/22 2:00	0	8	538	202519
2/21/22 2:30	0	8	538	202519
2/21/22 3:00	0	8	538	202519
2/21/22 3:30	0	8	538	202519
2/21/22 4:00	0	8	538	202519
2/21/22 4:30	0	8	538	202519
2/21/22 5:00	0	8	538	202519
2/21/22 5:30	0	8	538	202519
2/21/22 6:00	0	8	538	202519
2/21/22 6:30	0	8	538	202519
2/21/22 7:00	0	8	538	202519
2/21/22 7:30	0	8	538	202519
2/21/22 8:00	0	8	538	202519
2/21/22 8:30	0	8	539	202519
2/21/22 9:00	0	8	539	202519
2/21/22 9:30	0	8	539	202519
2/21/22 10:00	0	8	539	202519
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2/21/22 11:30	0	8	538	202519
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2/21/22 12:30	0	8	539	202519
2/21/22 13:00	0	8	538	202519
2/21/22 13:30	0	8	538	202519
2/21/22 14:00	0	8	538	202519
2/21/22 14:30	0	8	538	202519
2/21/22 15:00	0	8	538	202519
2/21/22 15:30	0	8	538	202519
2/21/22 16:00	0	8	538	202519
2/21/22 16:30	0	8	538	202519
2/21/22 17:00	0	8	538	202519
2/21/22 17:30	0	8	538	202519
2/21/22 18:00	0	8	538	202519
2/21/22 18:30	0	8	538	202519
2/21/22 19:00	0	8	538	202519
2/21/22 19:30	0	8	538	202519
2/21/22 20:00	0	8	538	202519
2/21/22 20:30	0	8	538	202519
2/21/22 21:00	0	8	538	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/21/22 21:30	0	8	538	202519
2/21/22 22:00	0	8	538	202519
2/21/22 22:30	0	8	538	202519
2/21/22 23:00	0	8	538	202519
2/21/22 23:30	0	8	538	202519
2/22/22 0:00	0	8	538	202519
2/22/22 0:30	0	8	538	202519
2/22/22 1:00	0	8	538	202519
2/22/22 1:30	0	8	538	202519
2/22/22 2:00	0	8	538	202519
2/22/22 2:30	0	8	538	202519
2/22/22 3:00	0	8	538	202519
2/22/22 3:30	0	8	538	202519
2/22/22 4:00	0	8	538	202519
2/22/22 4:30	0	8	538	202519
2/22/22 5:00	0	8	538	202519
2/22/22 5:30	0	8	538	202519
2/22/22 6:00	0	8	538	202519
2/22/22 6:30	0	8	538	202519
2/22/22 7:00	0	8	538	202519
2/22/22 7:30	0	8	538	202519
2/22/22 8:00	0	8	538	202519
2/22/22 8:30	0	8	538	202519
2/22/22 9:00	0	8	538	202519
2/22/22 9:30	0	8	538	202519
2/22/22 10:00	0	8	538	202519
2/22/22 10:30	0	8	538	202519
2/22/22 11:00	0	8	538	202519
2/22/22 11:30	0	8	538	202519
2/22/22 12:00	0	8	538	202519
2/22/22 12:30	0	8	538	202519
2/22/22 13:00	0	8	538	202519
2/22/22 13:30	0	8	538	202519
2/22/22 14:00	0	8	538	202519
2/22/22 14:30	0	8	538	202519
2/22/22 15:00	0	8	537	202519
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2/22/22 18:30	0	8	537	202519
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2/22/22 20:30	0	8	537	202519
2/22/22 21:00	0	8	537	202519
2/22/22 21:30	0	8	537	202519
2/22/22 22:00	0	8	537	202519
2/22/22 22:30	0	8	537	202519
2/22/22 23:00	0	8	537	202519
2/22/22 23:30	0	8	537	202519
2/23/22 0:00	0	8	537	202519
2/23/22 0:30	0	8	537	202519
2/23/22 1:00	0	8	537	202519
2/23/22 1:30	0	8	537	202519
2/23/22 2:00	0	8	537	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
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2/23/22 3:00	0	8	537	202519
2/23/22 3:30	0	8	537	202519
2/23/22 4:00	0	8	537	202519
2/23/22 4:30	0	8	537	202519
2/23/22 5:00	0	8	537	202519
2/23/22 5:30	0	8	537	202519
2/23/22 6:00	0	8	537	202519
2/23/22 6:30	0	8	537	202519
2/23/22 7:00	0	8	537	202519
2/23/22 7:30	0	8	537	202519
2/23/22 8:00	0	8	538	202519
2/23/22 8:30	0	8	538	202519
2/23/22 9:00	0	8	538	202519
2/23/22 9:30	0	8	537	202519
2/23/22 10:00	0	8	537	202519
2/23/22 10:30	0	8	537	202519
2/23/22 11:00	0	8	537	202519
2/23/22 11:30	0	8	537	202519
2/23/22 12:00	0	8	537	202519
2/23/22 12:30	0	8	537	202519
2/23/22 13:00	0	8	537	202519
2/23/22 13:30	0	8	537	202519
2/23/22 14:00	0	8	537	202519
2/23/22 14:30	0	8	537	202519
2/23/22 15:00	0	8	537	202519
2/23/22 15:30	0	8	537	202519
2/23/22 16:00	0	8	537	202519
2/23/22 16:30	0	8	537	202519
2/23/22 17:00	0	8	537	202519
2/23/22 17:30	0	8	537	202519
2/23/22 18:00	0	8	537	202519
2/23/22 18:30	0	8	537	202519
2/23/22 19:00	0	8	537	202519
2/23/22 19:30	0	8	537	202519
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2/23/22 23:30	0	8	537	202519
2/24/22 0:00	0	8	537	202519
2/24/22 0:30	0	8	537	202519
2/24/22 1:00	0	8	537	202519
2/24/22 1:30	0	8	537	202519
2/24/22 2:00	0	8	537	202519
2/24/22 2:30	0	8	537	202519
2/24/22 3:00	0	8	537	202519
2/24/22 3:30	0	8	537	202519
2/24/22 4:00	0	8	537	202519
2/24/22 4:30	0	8	536	202519
2/24/22 5:00	0	8	536	202519
2/24/22 5:30	0	8	537	202519
2/24/22 6:00	0	8	537	202519
2/24/22 6:30	0	8	537	202519
2/24/22 7:00	0	8	537	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/24/22 7:30	0	8	537	202519
2/24/22 8:00	0	8	537	202519
2/24/22 8:30	0	8	537	202519
2/24/22 9:00	0	8	537	202519
2/24/22 9:30	0	8	537	202519
2/24/22 10:00	0	8	537	202519
2/24/22 10:30	0	8	537	202519
2/24/22 11:00	0	8	537	202519
2/24/22 11:30	0	8	537	202519
2/24/22 12:00	0	8	537	202519
2/24/22 12:30	0	8	537	202519
2/24/22 13:00	0	8	537	202519
2/24/22 13:30	0	8	536	202519
2/24/22 14:00	0	8	536	202519
2/24/22 14:30	0	8	537	202519
2/24/22 15:00	0	8	537	202519
2/24/22 15:30	0	8	537	202519
2/24/22 16:00	0	8	536	202519
2/24/22 16:30	0	8	536	202519
2/24/22 17:00	0	8	536	202519
2/24/22 17:30	0	8	536	202519
2/24/22 18:00	0	8	536	202519
2/24/22 18:30	0	8	536	202519
2/24/22 19:00	0	8	536	202519
2/24/22 19:30	0	8	536	202519
2/24/22 20:00	0	8	536	202519
2/24/22 20:30	0	8	536	202519
2/24/22 21:00	0	8	536	202519
2/24/22 21:30	0	8	536	202519
2/24/22 22:00	0	8	536	202519
2/24/22 22:30	0	8	536	202519
2/24/22 23:00	0	8	536	202519
2/24/22 23:30	0	8	536	202519
2/25/22 0:00	0	8	536	202519
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2/25/22 1:00	0	8	536	202519
2/25/22 1:30	0	8	536	202519
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2/25/22 4:30	0	8	536	202519
2/25/22 5:00	0	8	536	202519
2/25/22 5:30	0	8	536	202519
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2/25/22 7:30	0	8	537	202519
2/25/22 8:00	0	8	537	202519
2/25/22 8:30	0	8	537	202519
2/25/22 9:00	0	8	536	202519
2/25/22 9:30	0	8	536	202519
2/25/22 10:00	0	8	536	202519
2/25/22 10:30	0	8	536	202519
2/25/22 11:00	0	8	536	202519
2/25/22 11:30	0	8	536	202519
2/25/22 12:00	0	8	536	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
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2/25/22 13:00	0	8	536	202519
2/25/22 13:30	0	8	536	202519
2/25/22 14:00	0	8	536	202519
2/25/22 14:30	0	8	536	202519
2/25/22 15:00	0	8	536	202519
2/25/22 15:30	0	8	536	202519
2/25/22 16:00	0	9	536	202519
2/25/22 16:30	0	9	536	202519
2/25/22 17:00	0	9	536	202519
2/25/22 17:30	0	9	536	202519
2/25/22 18:00	0	9	536	202519
2/25/22 18:30	0	9	536	202519
2/25/22 19:00	0	8	536	202519
2/25/22 19:30	0	9	536	202519
2/25/22 20:00	0	8	536	202519
2/25/22 20:30	0	8	536	202519
2/25/22 21:00	0	8	536	202519
2/25/22 21:30	0	8	536	202519
2/25/22 22:00	0	8	536	202519
2/25/22 22:30	0	8	536	202519
2/25/22 23:00	0	8	536	202519
2/25/22 23:30	0	8	536	202519
2/26/22 0:00	0	8	536	202519
2/26/22 0:30	0	8	535	202519
2/26/22 1:00	0	8	536	202519
2/26/22 1:30	0	8	535	202519
2/26/22 2:00	0	8	535	202519
2/26/22 2:30	0	8	535	202519
2/26/22 3:00	0	8	535	202519
2/26/22 3:30	0	8	535	202519
2/26/22 4:00	0	8	535	202519
2/26/22 4:30	0	8	535	202519
2/26/22 5:00	0	8	535	202519
2/26/22 5:30	0	8	535	202519
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2/26/22 8:30	0	8	536	202519
2/26/22 9:00	0	8	536	202519
2/26/22 9:30	0	8	536	202519
2/26/22 10:00	0	8	536	202519
2/26/22 10:30	0	8	536	202519
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2/26/22 11:30	0	8	536	202519
2/26/22 12:00	0	8	536	202519
2/26/22 12:30	0	8	536	202519
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2/26/22 13:30	0	8	536	202519
2/26/22 14:00	0	9	536	202519
2/26/22 14:30	0	9	536	202519
2/26/22 15:00	0	9	536	202519
2/26/22 15:30	0	9	536	202519
2/26/22 16:00	0	9	535	202519
2/26/22 16:30	0	9	535	202519
2/26/22 17:00	0	9	535	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/26/22 17:30	0	9	535	202519
2/26/22 18:00	0	9	535	202519
2/26/22 18:30	0	8	535	202519
2/26/22 19:00	0	8	535	202519
2/26/22 19:30	0	8	535	202519
2/26/22 20:00	0	8	535	202519
2/26/22 20:30	0	8	535	202519
2/26/22 21:00	0	8	535	202519
2/26/22 21:30	0	8	535	202519
2/26/22 22:00	0	8	535	202519
2/26/22 22:30	0	8	535	202519
2/26/22 23:00	0	8	535	202519
2/26/22 23:30	0	8	535	202519
2/27/22 0:00	0	8	535	202519
2/27/22 0:30	0	8	535	202519
2/27/22 1:00	0	8	535	202519
2/27/22 1:30	0	8	535	202519
2/27/22 2:00	0	8	535	202519
2/27/22 2:30	0	8	535	202519
2/27/22 3:00	0	8	535	202519
2/27/22 3:30	0	8	535	202519
2/27/22 4:00	0	8	534	202519
2/27/22 4:30	0	8	534	202519
2/27/22 5:00	0	8	534	202519
2/27/22 5:30	0	8	534	202519
2/27/22 6:00	0	8	534	202519
2/27/22 6:30	0	8	534	202519
2/27/22 7:00	0	8	535	202519
2/27/22 7:30	0	8	536	202519
2/27/22 8:00	0	8	536	202519
2/27/22 8:30	0	8	536	202519
2/27/22 9:00	0	8	536	202519
2/27/22 9:30	0	8	536	202519
2/27/22 10:00	0	8	535	202519
2/27/22 10:30	0	8	535	202519
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2/27/22 11:30	0	9	535	202519
2/27/22 12:00	0	9	535	202519
2/27/22 12:30	0	9	535	202519
2/27/22 13:00	0	9	535	202519
2/27/22 13:30	0	9	535	202519
2/27/22 14:00	0	9	535	202519
2/27/22 14:30	0	9	535	202519
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2/27/22 15:30	0	9	535	202519
2/27/22 16:00	0	9	535	202519
2/27/22 16:30	0	9	535	202519
2/27/22 17:00	0	9	535	202519
2/27/22 17:30	0	9	535	202519
2/27/22 18:00	0	9	534	202519
2/27/22 18:30	0	9	535	202519
2/27/22 19:00	0	9	535	202519
2/27/22 19:30	0	9	535	202519
2/27/22 20:00	0	9	535	202519
2/27/22 20:30	0	9	535	202519
2/27/22 21:00	0	9	535	202519
2/27/22 21:30	0	9	535	202519
2/27/22 22:00	0	9	535	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
2/27/22 22:30	0	9	535	202519
2/27/22 23:00	0	9	535	202519
2/27/22 23:30	0	9	535	202519
2/28/22 0:00	0	9	535	202519
2/28/22 0:30	0	9	534	202519
2/28/22 1:00	0	9	534	202519
2/28/22 1:30	0	8	534	202519
2/28/22 2:00	0	8	534	202519
2/28/22 2:30	0	8	534	202519
2/28/22 3:00	0	8	534	202519
2/28/22 3:30	0	8	534	202519
2/28/22 4:00	0	8	534	202519
2/28/22 4:30	0	8	534	202519
2/28/22 5:00	0	8	534	202519
2/28/22 5:30	0	8	534	202519
2/28/22 6:00	0	8	534	202519
2/28/22 6:30	0	8	534	202519
2/28/22 7:00	0	8	534	202519
2/28/22 7:30	0	8	535	202519
2/28/22 8:00	0	8	536	202519
2/28/22 8:30	0	8	536	202519
2/28/22 9:00	0	8	535	202519
2/28/22 9:30	0	8	535	202519
2/28/22 10:00	0	9	535	202519
2/28/22 10:30	0	9	535	202519
2/28/22 11:00	0	9	535	202519
2/28/22 11:30	0	9	535	202519
2/28/22 12:00	0	9	535	202519
2/28/22 12:30	0	9	535	202519
2/28/22 13:00	0	9	535	202519
2/28/22 13:30	0	9	535	202519
2/28/22 14:00	0	9	535	202519
2/28/22 14:30	0	9	535	202519
2/28/22 15:00	0	9	535	202519
2/28/22 15:30	0	9	535	202519
2/28/22 16:00	0	9	535	202519
2/28/22 16:30	0	9	534	202519
2/28/22 17:00	0	9	534	202519
2/28/22 17:30	0	9	534	202519
2/28/22 18:00	0	9	534	202519
2/28/22 18:30	0	9	534	202519
2/28/22 19:00	0	9	534	202519
2/28/22 19:30	0	9	534	202519
2/28/22 20:00	0	9	534	202519
2/28/22 20:30	0	9	534	202519
2/28/22 21:00	0	9	534	202519
2/28/22 21:30	0	9	534	202519
2/28/22 22:00	0	9	534	202519
2/28/22 22:30	0	9	534	202519
2/28/22 23:00	0	9	534	202519
2/28/22 23:30	0	9	534	202519
3/1/22 0:00	0	9	534	202519
3/1/22 0:30	0	9	534	202519
3/1/22 1:00	0	9	534	202519
3/1/22 1:30	0	9	534	202519
3/1/22 2:00	0	9	534	202519
3/1/22 2:30	0	9	534	202519
3/1/22 3:00	0	9	534	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/1/22 3:30	0	9	534	202519
3/1/22 4:00	0	9	534	202519
3/1/22 4:30	0	9	534	202519
3/1/22 5:00	0	9	534	202519
3/1/22 5:30				
3/1/22 6:00	0	9	534	202519
3/1/22 6:30	0	9	534	202519
3/1/22 7:00	0	9	534	202519
3/1/22 7:30	0	9	535	202519
3/1/22 8:00	0	9	535	202519
3/1/22 8:30	0	9	535	202519
3/1/22 9:00	0	9	535	202519
3/1/22 9:30	0	9	535	202519
3/1/22 10:00	0	9	535	202519
3/1/22 10:30	0	9	534	202519
3/1/22 11:00	0	9	534	202519
3/1/22 11:30	0	9	534	202519
3/1/22 12:00	0	9	534	202519
3/1/22 12:30	0	9	534	202519
3/1/22 13:00	0	9	534	202519
3/1/22 13:30	0	9	534	202519
3/1/22 14:00	0	9	534	202519
3/1/22 14:30	0	9	534	202519
3/1/22 15:00	0	9	534	202519
3/1/22 15:30	0	9	534	202519
3/1/22 16:00	0	9	534	202519
3/1/22 16:30	0	9	534	202519
3/1/22 17:00	0	9	534	202519
3/1/22 17:30	0	9	534	202519
3/1/22 18:00	0	9	534	202519
3/1/22 18:30	0	9	534	202519
3/1/22 19:00	0	9	534	202519
3/1/22 19:30	0	9	534	202519
3/1/22 20:00	0	9	534	202519
3/1/22 20:30	0	9	534	202519
3/1/22 21:00	0	9	534	202519
3/1/22 21:30	0	9	534	202519
3/1/22 22:00	0	9	534	202519
3/1/22 22:30	0	9	534	202519
3/1/22 23:00	0	9	534	202519
3/1/22 23:30	0	9	534	202519
3/2/22 0:00	0	9	534	202519
3/2/22 0:30	0	9	534	202519
3/2/22 1:00	0	9	534	202519
3/2/22 1:30	0	9	534	202519
3/2/22 2:00	0	9	534	202519
3/2/22 2:30	0	9	534	202519
3/2/22 3:00	0	9	534	202519
3/2/22 3:30	0	9	534	202519
3/2/22 4:00	0	9	534	202519
3/2/22 4:30	0	9	534	202519
3/2/22 5:00	0	9	533	202519
3/2/22 5:30	0	9	533	202519
3/2/22 6:00	0	9	533	202519
3/2/22 6:30	0	9	533	202519
3/2/22 7:00	0	9	534	
3/2/22 7:30	0	9	535	202519
3/2/22 8:00	0	9	534	202519

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/2/22 8:30	0	9	534	202519
3/2/22 9:00	0	9	534	202519
3/2/22 9:30	0	9	534	202519
3/2/22 10:00	0	9	534	202519
3/2/22 10:30	0	9	534	202519
3/2/22 11:00	0	9	534	202519
3/2/22 11:30	0	9	534	202519
3/2/22 12:00	0	9	534	202519
3/2/22 12:30	0	9	534	202519
3/2/22 13:00	0	9	534	202519
3/2/22 13:30	0	9	534	202519
3/2/22 14:00	0	9	534	202519
3/2/22 14:30	0	9	534	202519
3/2/22 15:00	0	9	534	202519
3/2/22 15:30	0	9	534	202519
3/2/22 16:00	0	9	534	202519
3/2/22 16:30	0	9	534	202519
3/2/22 17:00	0	9	534	202519
3/2/22 17:30	0	9	533	202519
3/2/22 18:00	0	9	533	202519
3/2/22 18:30	0	9	533	202519
3/2/22 19:00	0	9	533	202519
3/2/22 19:30	0	9	533	202519
3/2/22 20:00	0	9	534	202519
3/2/22 20:30	0	9	534	202519
3/2/22 21:00	0	9	534	202519
3/2/22 21:30	0	9	533	202519
3/2/22 22:00	0	9	533	202519
3/2/22 22:30	0	9	533	202519
3/2/22 23:00	0	9	533	202519
3/2/22 23:30	0	9	533	202519
3/3/22 0:00	0	9	533	202519
3/3/22 0:30	0	9	533	202519
3/3/22 1:00	0	9	533	202519
3/3/22 1:30	0	9	533	202519
3/3/22 2:00	0	9	533	202519
3/3/22 2:30	0	9	533	202519
3/3/22 3:00	0	9	533	202519
3/3/22 3:30	0	9	533	202519
3/3/22 4:00	0	9	533	202519
3/3/22 4:30	0	9	533	202519
3/3/22 5:00	0	9	533	202519
3/3/22 5:30	0	9	533	202519
3/3/22 6:00	0	9	533	202519
3/3/22 6:30	0	9	533	202519
3/3/22 7:00	0	9	533	202519
3/3/22 7:30	0	9	534	202519
3/3/22 8:00	0	9	534	202519
3/3/22 8:30	1	-7	821	202537
3/3/22 9:00	35	-7	932	202559
3/3/22 9:30	34	-7	986	202583
3/3/22 10:00	35	-7	1022	202607
3/3/22 10:30	34	-7	1052	202632
3/3/22 11:00	34	-7	1074	202656
3/3/22 11:30	35	-7	1089	202680
3/3/22 12:00	32	-7	1104	202703
3/3/22 12:30	31	-7	1114	202727
3/3/22 13:00	34	-7	1125	202750

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/3/22 13:30	34	-7	1134	202774
3/3/22 14:00	32	-7	1142	202797
3/3/22 14:30	32	-7	1150	202820
3/3/22 15:00	34	-7	1157	202843
3/3/22 15:30	32	-7	1162	202866
3/3/22 16:00	32	-7	1167	202889
3/3/22 16:30	0	-7	1050	202909
3/3/22 17:00	0	-7	879	202909
3/3/22 17:30	0	-7	817	202909
3/3/22 18:00	0	-7	778	202909
3/3/22 18:30	0	-7	750	202909
3/3/22 19:00	0	-7	729	202909
3/3/22 19:30	0	-7	712	202909
3/3/22 20:00	0	-7	699	202909
3/3/22 20:30	0	-7	687	202909
3/3/22 21:00	0	-7	678	202909
3/3/22 21:30	0	-7	669	202909
3/3/22 22:00	0	-7	662	202909
3/3/22 22:30	0	-7	656	202909
3/3/22 23:00	0	-7	650	202909
3/3/22 23:30	0	-7	645	202909
3/4/22 0:00	0	-7	640	202909
3/4/22 0:30	0	-7	636	202909
3/4/22 1:00	0	-7	632	202909
3/4/22 1:30	0	-7	628	202909
3/4/22 2:00	0	-7	625	202909
3/4/22 2:30	0	-7	622	202909
3/4/22 3:00	0	-7	619	202909
3/4/22 3:30	0	-7	617	202909
3/4/22 4:00	0	-7	615	202909
3/4/22 4:30	0	-7	612	202909
3/4/22 5:00	0	-7	610	202909
3/4/22 5:30	0	-7	609	202909
3/4/22 6:00	0	-7	607	202909
3/4/22 6:30	0	-7	605	202909
3/4/22 7:00	0	-7	603	202909
3/4/22 7:30	0	-7	602	202909
3/4/22 8:00	0	-7	600	202909
3/4/22 8:30	0	-7	599	202909
3/4/22 9:00	0	-7	598	202909
3/4/22 9:30	0	-7	597	202909
3/4/22 10:00	0	-7	596	202909
3/4/22 10:30	0	-7	595	202909
3/4/22 11:00	0	-7	594	202909
3/4/22 11:30	0	-7	593	202909
3/4/22 12:00	0	-7	592	202909
3/4/22 12:30	0	-7	591	202909
3/4/22 13:00	0	-7	590	202909
3/4/22 13:30	0	-7	589	202909
3/4/22 14:00	0	-7	588	202909
3/4/22 14:30	0	-7	587	202909
3/4/22 15:00	0	-7	586	202909
3/4/22 15:30	0	-7	584	202909
3/4/22 16:00	0	-7	584	202909
3/4/22 16:30	0	-7	583	202909
3/4/22 17:00	0	-7	582	202909
3/4/22 17:30	0	-7	581	202909
3/4/22 18:00	0	-7	581	202909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/4/22 18:30	0	-7	580	202909
3/4/22 19:00	0	-7	580	202909
3/4/22 19:30	0	-7	579	202909
3/4/22 20:00	0	-7	579	202909
3/4/22 20:30	0	-7	578	202909
3/4/22 21:00	0	-7	577	202909
3/4/22 21:30	0	-7	577	202909
3/4/22 22:00	0	-7	576	202909
3/4/22 22:30	0	-7	576	202909
3/4/22 23:00	0	-7	575	202909
3/4/22 23:30	0	-7	575	202909
3/5/22 0:00	0	-7	574	202909
3/5/22 0:30	0	-7	574	202909
3/5/22 1:00	0	-7	573	202909
3/5/22 1:30	0	-7	573	202909
3/5/22 2:00	0	-6	573	202909
3/5/22 2:30	0	-6	572	202909
3/5/22 3:00	0	-6	572	202909
3/5/22 3:30	0	-6	571	202909
3/5/22 4:00	0	-6	571	202909
3/5/22 4:30	0	-6	571	202909
3/5/22 5:00	0	-6	570	202909
3/5/22 5:30	0	-6	570	202909
3/5/22 6:00	0	-6	570	202909
3/5/22 6:30	0	-6	569	202909
3/5/22 7:00	0	-6	569	202909
3/5/22 7:30	0	-6	569	202909
3/5/22 8:00	0	-6	569	202909
3/5/22 8:30	0	-5	568	202909
3/5/22 9:00	0	-5	568	202909
3/5/22 9:30	0	-5	568	202909
3/5/22 10:00	0	-5	568	202909
3/5/22 10:30	0	-5	567	202909
3/5/22 11:00	0	-5	566	202909
3/5/22 11:30	0	-5	566	202909
3/5/22 12:00	0	-5	566	202909
3/5/22 12:30	0	-5	566	202909
3/5/22 13:00	0	-5	565	202909
3/5/22 13:30	0	-5	565	202909
3/5/22 14:00	0	-4	565	202909
3/5/22 14:30	0	-4	565	202909
3/5/22 15:00	0	-4	564	202909
3/5/22 15:30	0	-4	564	202909
3/5/22 16:00	0	-4	564	202909
3/5/22 16:30	0	-4	564	202909
3/5/22 17:00	0	-4	564	202909
3/5/22 17:30	0	-4	564	202909
3/5/22 18:00	0	-4	563	202909
3/5/22 18:30	0	-4	563	202909
3/5/22 19:00	0	-4	563	202909
3/5/22 19:30	0	-4	563	202909
3/5/22 20:00	0	-4	563	202909
3/5/22 20:30	0	-3	562	202909
3/5/22 21:00	0	-3	562	202909
3/5/22 21:30	0	-3	562	202909
3/5/22 22:00	0	-3	562	202909
3/5/22 22:30	0	-3	561	202909
3/5/22 23:00	0	-3	561	202909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/5/22 23:30	0	-3	561	202909
3/6/22 0:00	0	-3	561	202909
3/6/22 0:30	0	-3	561	202909
3/6/22 1:00	0	-3	560	202909
3/6/22 1:30	0	-3	560	202909
3/6/22 2:00	0	-3	560	202909
3/6/22 2:30	0	-3	560	202909
3/6/22 3:00	0	-3	560	202909
3/6/22 3:30	0	-3	560	202909
3/6/22 4:00	0	-3	560	202909
3/6/22 4:30	0	-3	559	202909
3/6/22 5:00	0	-3	559	202909
3/6/22 5:30	0	-2	559	202909
3/6/22 6:00	0	-2	559	202909
3/6/22 6:30	0	-2	559	202909
3/6/22 7:00	0	-2	559	202909
3/6/22 7:30	0	-2	559	202909
3/6/22 8:00	0	-2	558	202909
3/6/22 8:30	0	-2	559	202909
3/6/22 9:00	0	-2	558	202909
3/6/22 9:30	0	-2	558	202909
3/6/22 10:00	0	-2	558	202909
3/6/22 10:30	0	-2	558	202909
3/6/22 11:00	0	-2	558	202909
3/6/22 11:30	0	-2	557	202909
3/6/22 12:00	0	-1	557	202909
3/6/22 12:30	0	-1	557	202909
3/6/22 13:00	0	-1	557	202909
3/6/22 13:30	0	-1	557	202909
3/6/22 14:00	0	-1	557	202909
3/6/22 14:30	0	-1	557	202909
3/6/22 15:00	0	-1	556	202909
3/6/22 15:30	0	-1	556	202909
3/6/22 16:00	0	-1	557	202909
3/6/22 16:30	0	-1	556	202909
3/6/22 17:00	0	-1	556	202909
3/6/22 17:30	0	-1	556	202909
3/6/22 18:00	0	-1	556	202909
3/6/22 18:30	0	-1	555	202909
3/6/22 19:00	0	-1	555	202909
3/6/22 19:30	0	-1	555	202909
3/6/22 20:00	0	-1	555	202909
3/6/22 20:30	0	0	555	202909
3/6/22 21:00	0	0	555	202909
3/6/22 21:30	0	0	555	202909
3/6/22 22:00	0	0	555	202909
3/6/22 22:30	0	0	555	202909
3/6/22 23:00	0	0	555	202909
3/6/22 23:30	0	0	554	202909
3/7/22 0:00	0	0	554	202909
3/7/22 0:30	0	0	554	202909
3/7/22 1:00	0	0	554	202909
3/7/22 1:30	0	0	554	202909
3/7/22 2:00	0	0	554	202909
3/7/22 2:30	0	0	554	202909
3/7/22 3:00	0	0	554	202909
3/7/22 3:30	0	0	554	202909
3/7/22 4:00	0	0	554	202909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/7/22 4:30	0	0	554	202909
3/7/22 5:00	0	0	554	202909
3/7/22 5:30	0	0	554	202909
3/7/22 6:00	0	0	553	202909
3/7/22 6:30	0	1	553	202909
3/7/22 7:00	0	1	553	202909
3/7/22 7:30	0	1	553	202909
3/7/22 8:00	0	1	553	202909
3/7/22 8:30	0	1	554	202909
3/7/22 9:00	0	1	553	202909
3/7/22 9:30	0	1	553	202909
3/7/22 10:00	0	1	553	202909
3/7/22 10:30	0	1	553	202909
3/7/22 11:00	0	1	553	202909
3/7/22 11:30	0	1	552	202909
3/7/22 12:00	0	1	552	202909
3/7/22 12:30	0	1	552	202909
3/7/22 13:00	0	1	552	202909
3/7/22 13:30	0		552	202909
3/7/22 14:00	0	2	552	202909
3/7/22 14:30	0	2	552	202909
3/7/22 15:00	0	2	552	202909
3/7/22 15:30	0	2	552	202909
3/7/22 16:00	0	2	552	202909
3/7/22 16:30	0	2	551	202909
3/7/22 17:00	0	2	551	202909
3/7/22 17:30	0	2	551	202909
3/7/22 18:00	0	2	551	202909
3/7/22 18:30	0	2	551	202909
3/7/22 19:00	0	2	551	202909
3/7/22 19:30	0	2	551	202909
3/7/22 20:00	0	2	551	202909
3/7/22 20:30	0	2	551	202909
3/7/22 21:00	0	2	551	202909
3/7/22 21:30	0	2	551	202909
3/7/22 22:00	0	2	551	202909
3/7/22 22:30	0	2	551	202909
3/7/22 23:00	0	2	550	202909
3/7/22 23:30	0	2	550	202909
3/8/22 0:00	0	2	550	202909
3/8/22 0:30	0	2	550	202909
3/8/22 1:00	0	3	550	202909
3/8/22 1:30	0	3	550	202909
3/8/22 2:00	0	3	550	202909
3/8/22 2:30	0	3	550	202909
3/8/22 3:00	0	3	550	202909
3/8/22 3:30	0	3	550	202909
3/8/22 4:00	0	3	550	202909
3/8/22 4:30	0	3	549	202909
3/8/22 5:00	0	3	549	202909
3/8/22 5:30	0	3	549	202909
3/8/22 6:00	0	3	549	202909
3/8/22 6:30	0	3	549	202909
3/8/22 7:00	0	3	550	202909
3/8/22 7:30	0	3	550	202909
3/8/22 8:00	0	3	550	202909
3/8/22 8:30	0	3	550	202909
3/8/22 9:00	0	3	550	202909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/8/22 9:30	0	3	550	202909
3/8/22 10:00	0	3	549	202909
3/8/22 10:30	0	3	549	202909
3/8/22 11:00	0	3	549	202909
3/8/22 11:30	0	3	549	202909
3/8/22 12:00	0	3	541	202909
3/8/22 12:30	0	-5	566	202915
3/8/22 13:00	0	-3	558	202915
3/8/22 13:30	0	-3	556	202915
3/8/22 14:00	0	-2	554	202915
3/8/22 14:30	0	-2	553	202915
3/8/22 15:00	0	-1	552	202915
3/8/22 15:30	0	-1	552	202915
3/8/22 16:00	0	0	551	202915
3/8/22 16:30	0	0	551	202915
3/8/22 17:00	0	0	550	202915
3/8/22 17:30	0	1	550	202915
3/8/22 18:00	0	1	550	202915
3/8/22 18:30	0	1	550	202915
3/8/22 19:00	0	1	550	202915
3/8/22 19:30	0	1	550	202915
3/8/22 20:00	0	2	549	202915
3/8/22 20:30	0	2	549	202915
3/8/22 21:00	0	2	549	202915
3/8/22 21:30	0	2	549	202915
3/8/22 22:00	0	2	549	202915
3/8/22 22:30	0	2	549	202915
3/8/22 23:00	0	2	549	202915
3/8/22 23:30	0	3	549	202915
3/9/22 0:00	0	3	549	202915
3/9/22 0:30	0	3	549	202915
3/9/22 1:00	0	3	548	202915
3/9/22 1:30	0	3	548	202915
3/9/22 2:00	0	3	548	202915
3/9/22 2:30	0	3	548	202915
3/9/22 3:00	0	3	548	202915
3/9/22 3:30	0	3	548	202915
3/9/22 4:00	0	3	548	202915
3/9/22 4:30	0	3	548	202915
3/9/22 5:00	0	4	548	202915
3/9/22 5:30	0	4	548	202915
3/9/22 6:00	0	4	547	202915
3/9/22 6:30	0	4	547	202915
3/9/22 7:00	0	4	548	202915
3/9/22 7:30	0	4	548	202915
3/9/22 8:00	0	4	548	202915
3/9/22 8:30	0	4	548	202915
3/9/22 9:00	0	4	548	202915
3/9/22 9:30	0	4	548	202915
3/9/22 10:00	0	4	548	202915
3/9/22 10:30	0	4	548	202915
3/9/22 11:00	0	4	548	202915
3/9/22 11:30	0	5	547	202915
3/9/22 12:00	0	5	547	202915
3/9/22 12:30	0	5	547	202915
3/9/22 13:00	0	5	547	202915
3/9/22 13:30	0	5	547	202915
3/9/22 14:00	0	5	547	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/9/22 14:30	0	5	547	202915
3/9/22 15:00	0	5	547	202915
3/9/22 15:30	0	5	547	202915
3/9/22 16:00	0	5	546	202915
3/9/22 16:30	0	5	547	202915
3/9/22 17:00	0	5	546	202915
3/9/22 17:30	0	5	547	202915
3/9/22 18:00	0	5	547	202915
3/9/22 18:30	0	5	546	202915
3/9/22 19:00	0	5	546	202915
3/9/22 19:30	0	5	546	202915
3/9/22 20:00	0	6	546	202915
3/9/22 20:30	0	6	546	202915
3/9/22 21:00	0	6	546	202915
3/9/22 21:30	0	6	546	202915
3/9/22 22:00	0	6	546	202915
3/9/22 22:30	0	6	546	202915
3/9/22 23:00	0	6	546	202915
3/9/22 23:30	0	6	546	202915
3/10/22 0:00	0	6	546	202915
3/10/22 0:30	0	6	546	202915
3/10/22 1:00	0	6	546	202915
3/10/22 1:30	0	6	546	202915
3/10/22 2:00	0	6	546	202915
3/10/22 2:30	0	6	546	202915
3/10/22 3:00	0	6	546	202915
3/10/22 3:30	0	6	546	202915
3/10/22 4:00	0	6	546	202915
3/10/22 4:30	0	6	546	202915
3/10/22 5:00	0	6	546	202915
3/10/22 5:30	0	6	546	202915
3/10/22 6:00	0	6	545	202915
3/10/22 6:30	0	6	545	202915
3/10/22 7:00	0	6	545	202915
3/10/22 7:30	0	6	545	202915
3/10/22 8:00	0	6	545	202915
3/10/22 8:30	0	6	545	202915
3/10/22 9:00	0	6	545	202915
3/10/22 9:30	0	6	545	202915
3/10/22 10:00	0	6	545	202915
3/10/22 10:30	0	6	545	202915
3/10/22 11:00	0	6	545	202915
3/10/22 11:30	0	6	545	202915
3/10/22 12:00	0	7	545	202915
3/10/22 12:30	0	7	545	202915
3/10/22 13:00	0	7	545	202915
3/10/22 13:30	0	7	545	202915
3/10/22 14:00	0	7	545	202915
3/10/22 14:30	0	7	545	202915
3/10/22 15:00	0	7	545	202915
3/10/22 15:30	0	7	544	202915
3/10/22 16:00	0	7	545	202915
3/10/22 16:30	0	7	544	202915
3/10/22 17:00	0	7	545	202915
3/10/22 17:30	0	7	544	202915
3/10/22 18:00	0	7	544	202915
3/10/22 18:30	0	7	544	202915
3/10/22 19:00	0	7	544	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/10/22 19:30	0	7	544	202915
3/10/22 20:00	0	7	544	202915
3/10/22 20:30	0	7	544	202915
3/10/22 21:00	0	7	544	202915
3/10/22 21:30	0	7	544	202915
3/10/22 22:00	0	7	544	202915
3/10/22 22:30	0	7	544	202915
3/10/22 23:00	0	7	544	202915
3/10/22 23:30	0	7	544	202915
3/11/22 0:00	0	7	544	202915
3/11/22 0:30	0	7	544	202915
3/11/22 1:00	0	7	544	202915
3/11/22 1:30	0	7	544	202915
3/11/22 2:00	0	7	543	202915
3/11/22 2:30	0	7	543	202915
3/11/22 3:00	0	7	543	202915
3/11/22 3:30	0	7	543	202915
3/11/22 4:00	0	7	543	202915
3/11/22 4:30	0	7	543	202915
3/11/22 5:00	0	7	543	202915
3/11/22 5:30	0	7	543	202915
3/11/22 6:00	0	7	543	202915
3/11/22 6:30	0	7	543	202915
3/11/22 7:00	0	7	544	202915
3/11/22 7:30	0	7	544	202915
3/11/22 8:00	0	8	544	202915
3/11/22 8:30	0	8	544	202915
3/11/22 9:00	0	8	544	202915
3/11/22 9:30	0	8	544	202915
3/11/22 10:00	0	8	543	202915
3/11/22 10:30	0	8	543	202915
3/11/22 11:00	0	8	543	202915
3/11/22 11:30	0	8	543	202915
3/11/22 12:00	0	8	543	202915
3/11/22 12:30	0	8	543	202915
3/11/22 13:00	0	8	543	202915
3/11/22 13:30	0	8	543	202915
3/11/22 14:00	0	8	543	202915
3/11/22 14:30	0	8	543	202915
3/11/22 15:00	0	8	543	202915
3/11/22 15:30	0	8	543	202915
3/11/22 16:00	0	8	543	202915
3/11/22 16:30	0	8	543	202915
3/11/22 17:00	0	8	543	202915
3/11/22 17:30	0	8	543	202915
3/11/22 18:00	0	8	542	202915
3/11/22 18:30	0	8	542	202915
3/11/22 19:00	0	8	542	202915
3/11/22 19:30	0	8	542	202915
3/11/22 20:00	0	8	542	202915
3/11/22 20:30	0	8	542	202915
3/11/22 21:00	0	8	542	202915
3/11/22 21:30	0	8	542	202915
3/11/22 22:00	0	8	542	202915
3/11/22 22:30	0	8	542	202915
3/11/22 23:00	0	8	542	202915
3/11/22 23:30	0	8	542	202915
3/12/22 0:00	0	8	542	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/12/22 0:30	0	8	542	202915
3/12/22 1:00	0	8	542	202915
3/12/22 1:30	0	8	542	202915
3/12/22 2:00	0	9	542	202915
3/12/22 2:30	0	9	542	202915
3/12/22 3:00	0	9	542	202915
3/12/22 3:30	0	9	542	202915
3/12/22 4:00	0	9	542	202915
3/12/22 4:30	0	9	542	202915
3/12/22 5:00	0	9	542	202915
3/12/22 5:30	0	9	542	202915
3/12/22 6:00	0	9	541	202915
3/12/22 6:30	0	9	541	202915
3/12/22 7:00	0	9	542	202915
3/12/22 7:30	0	9	543	202915
3/12/22 8:00	0	9	542	202915
3/12/22 8:30	0	9	542	202915
3/12/22 9:00	0	9	542	202915
3/12/22 9:30	0	9	542	202915
3/12/22 10:00				202915
3/12/22 10:30	0	9	542	202915
3/12/22 11:00	0	9	542	202915
3/12/22 11:30	0	9	542	202915
3/12/22 12:00	0	9	542	202915
3/12/22 12:30	0	9	542	202915
3/12/22 13:00	0	9	542	202915
3/12/22 13:30	0	9	542	202915
3/12/22 14:00	0	9	542	202915
3/12/22 14:30	0	9	542	202915
3/12/22 15:00	0	10	542	202915
3/12/22 15:30	0	10	541	202915
3/12/22 16:00	0	10	541	202915
3/12/22 16:30	0	10	541	202915
3/12/22 17:00	0	10	541	202915
3/12/22 17:30	0	10	541	202915
3/12/22 18:00	0	10	541	202915
3/12/22 18:30	0	10	541	202915
3/12/22 19:00	0	10	541	202915
3/12/22 19:30	0	10	541	202915
3/12/22 20:00	0	10	541	202915
3/12/22 20:30	0	10	541	202915
3/12/22 21:00	0	10	541	202915
3/12/22 21:30	0	10	541	202915
3/12/22 22:00	0	10	541	202915
3/12/22 22:30	0	10	541	202915
3/12/22 23:00	0	10	541	202915
3/12/22 23:30	0	10	541	202915
3/13/22 0:00	0	10	541	202915
3/13/22 0:30	0	10	541	202915
3/13/22 1:00	0	10	541	202915
3/13/22 1:30	0	10	541	202915
3/13/22 3:00	0	10	541	202915
3/13/22 3:30	0	10	541	202915
3/13/22 4:00	0	10	541	202915
3/13/22 4:30	0	10	541	202915
3/13/22 5:00	0	10	541	202915
3/13/22 5:30	0	10	540	202915
3/13/22 6:00	0	10	540	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/13/22 6:30	0	10	541	202915
3/13/22 7:00	0	10	541	202915
3/13/22 7:30	0	10	540	202915
3/13/22 8:00	0	10	541	202915
3/13/22 8:30	0	10	541	202915
3/13/22 9:00	0	10	541	202915
3/13/22 9:30	0	10	541	202915
3/13/22 10:00	0	10	541	202915
3/13/22 10:30	0	10	541	202915
3/13/22 11:00	0	10	541	202915
3/13/22 11:30	0	10	541	202915
3/13/22 12:00	0	10	541	202915
3/13/22 12:30	0	10	541	202915
3/13/22 13:00	0	10	541	202915
3/13/22 13:30	0	10	541	202915
3/13/22 14:00	0	10	541	202915
3/13/22 14:30	0	10	541	202915
3/13/22 15:00	0	10	540	202915
3/13/22 15:30	0	10	540	202915
3/13/22 16:00	0	10	540	202915
3/13/22 16:30	0	10	540	202915
3/13/22 17:00	0	11	540	202915
3/13/22 17:30	0	11	540	202915
3/13/22 18:00	0	11	540	202915
3/13/22 18:30	0	11	540	202915
3/13/22 19:00	0	11	540	202915
3/13/22 19:30	0	11	540	202915
3/13/22 20:00	0	11	540	202915
3/13/22 20:30	0	11	540	202915
3/13/22 21:00	0	11	540	202915
3/13/22 21:30	0	11	540	202915
3/13/22 22:00	0	11	540	202915
3/13/22 22:30	0	11	540	202915
3/13/22 23:00	0	11	540	202915
3/13/22 23:30	0	11	540	202915
3/14/22 0:00	0	11	540	202915
3/14/22 0:30	0	11	540	202915
3/14/22 1:00	0	11	540	202915
3/14/22 1:30	0	11	540	202915
3/14/22 2:00	0	11	540	202915
3/14/22 2:30	0	11	540	202915
3/14/22 3:00	0	11	540	202915
3/14/22 3:30	0	11	540	202915
3/14/22 4:00	0	11	540	202915
3/14/22 4:30	0	11	540	202915
3/14/22 5:00	0	11	540	202915
3/14/22 5:30	0	11	540	202915
3/14/22 6:00	0	11	539	202915
3/14/22 6:30	0	11	539	202915
3/14/22 7:00	0	11	539	202915
3/14/22 7:30	0	11	539	202915
3/14/22 8:00	0	11	540	202915
3/14/22 8:30	0	11	540	202915
3/14/22 9:00	0	11	540	202915
3/14/22 9:30	0	11	540	202915
3/14/22 10:00	0	11	540	202915
3/14/22 10:30	0	11	540	202915
3/14/22 11:00	0	11	540	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/14/22 11:30	0	11	540	202915
3/14/22 12:00	0	11	539	202915
3/14/22 12:30	0	11	539	202915
3/14/22 13:00	0	11	539	202915
3/14/22 13:30	0	11	539	202915
3/14/22 14:00	0	11	539	202915
3/14/22 14:30	0	11	539	202915
3/14/22 15:00	0	11	539	202915
3/14/22 15:30	0	11	539	202915
3/14/22 16:00	0	11	539	202915
3/14/22 16:30	0	11	539	202915
3/14/22 17:00	0	11	539	202915
3/14/22 17:30	0	12	539	202915
3/14/22 18:00	0	12	539	202915
3/14/22 18:30	0	12	539	202915
3/14/22 19:00	0	11	539	202915
3/14/22 19:30	0	11	539	202915
3/14/22 20:00	0	11	539	202915
3/14/22 20:30	0	11	539	202915
3/14/22 21:00	0	11	539	202915
3/14/22 21:30	0	11	539	202915
3/14/22 22:00	0	11	539	202915
3/14/22 22:30	0	11	539	202915
3/14/22 23:00	0	11	539	202915
3/14/22 23:30	0	11	539	202915
3/15/22 0:00	0	11	539	202915
3/15/22 0:30	0	11	539	202915
3/15/22 1:00	0	11	539	202915
3/15/22 1:30	0	11	538	202915
3/15/22 2:00	0	11	538	202915
3/15/22 2:30	0	11	538	202915
3/15/22 3:00	0	11	538	202915
3/15/22 3:30	0	11	538	202915
3/15/22 4:00	0	11	538	202915
3/15/22 4:30	0	11	538	202915
3/15/22 5:00	0	11	538	202915
3/15/22 5:30	0	11	538	202915
3/15/22 6:00	0	11	538	202915
3/15/22 6:30	0	11	538	202915
3/15/22 7:00	0	11	538	202915
3/15/22 7:30	0	11	538	202915
3/15/22 8:00	0	11	539	202915
3/15/22 8:30	0	11	539	202915
3/15/22 9:00	0	11	539	202915
3/15/22 9:30	0	11	539	202915
3/15/22 10:00	0	11	539	202915
3/15/22 10:30	0	11	539	202915
3/15/22 11:00	0	11	538	202915
3/15/22 11:30	0	11	538	202915
3/15/22 12:00	0	12	538	202915
3/15/22 12:30	0	12	538	202915
3/15/22 13:00	0	12	538	202915
3/15/22 13:30	0	12	538	202915
3/15/22 14:00	0	12	538	202915
3/15/22 14:30	0	12	538	202915
3/15/22 15:00	0	12	538	202915
3/15/22 15:30	0	12	538	202915
3/15/22 16:00	0	12	538	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/15/22 16:30	0	12	538	202915
3/15/22 17:00	0	12	538	202915
3/15/22 17:30	0	12	538	202915
3/15/22 18:00	0	12	538	202915
3/15/22 18:30	0	12	538	202915
3/15/22 19:00	0	12	538	202915
3/15/22 19:30				
3/15/22 20:00	0	12	538	202915
3/15/22 20:30	0	12	538	202915
3/15/22 21:00	0	12	538	202915
3/15/22 21:30	0	12	538	202915
3/15/22 22:00	0	12	538	202915
3/15/22 22:30	0	12	538	202915
3/15/22 23:00	0	12	538	202915
3/15/22 23:30	0	12	538	202915
3/16/22 0:00	0	12	538	202915
3/16/22 0:30	0	12	538	202915
3/16/22 1:00	0	12	538	202915
3/16/22 1:30	0	12	538	202915
3/16/22 2:00	0	12	538	202915
3/16/22 2:30	0	12	538	202915
3/16/22 3:00	0	12	538	202915
3/16/22 3:30	0	12	538	202915
3/16/22 4:00	0	12	538	202915
3/16/22 4:30	0	12	538	202915
3/16/22 5:00	0	12	538	202915
3/16/22 5:30	0	12	538	202915
3/16/22 6:00	0	12	538	202915
3/16/22 6:30	0	12	538	202915
3/16/22 7:00	0	12	538	202915
3/16/22 7:30	0	12	538	202915
3/16/22 8:00	0	12	538	202915
3/16/22 8:30	0	12	538	202915
3/16/22 9:00	0	12	538	202915
3/16/22 9:30	0	12	538	202915
3/16/22 10:00	0	12	538	202915
3/16/22 10:30	0	12	538	202915
3/16/22 11:00	0	12	538	202915
3/16/22 11:30	0	12	538	202915
3/16/22 12:00	0	12	538	202915
3/16/22 12:30	0	12	537	202915
3/16/22 13:00	0	12	538	202915
3/16/22 13:30	0	12	537	202915
3/16/22 14:00	0	12	537	202915
3/16/22 14:30	0	12	537	202915
3/16/22 15:00	0	12	537	202915
3/16/22 15:30	0	13	537	202915
3/16/22 16:00	0	13	537	202915
3/16/22 16:30	0	13	537	202915
3/16/22 17:00	0	13	537	202915
3/16/22 17:30	0	13	537	202915
3/16/22 18:00	0	13	537	202915
3/16/22 18:30	0	13	537	202915
3/16/22 19:00	0	13	537	202915
3/16/22 19:30	0	13	537	202915
3/16/22 20:00	0	13	537	202915
3/16/22 20:30	0	13	537	202915
3/16/22 21:00	0	13	537	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/16/22 21:30	0	13	537	202915
3/16/22 22:00	0	13	537	202915
3/16/22 22:30	0	13	537	202915
3/16/22 23:00	0	13	537	202915
3/16/22 23:30	0	12	537	202915
3/17/22 0:00	0	12	537	202915
3/17/22 0:30	0	12	537	202915
3/17/22 1:00	0	12	537	202915
3/17/22 1:30	0	12	537	202915
3/17/22 2:00	0	12	537	202915
3/17/22 2:30	0	12	537	202915
3/17/22 3:00	0	12	537	202915
3/17/22 3:30	0	12	537	202915
3/17/22 4:00	0	12	537	202915
3/17/22 4:30	0	12	537	202915
3/17/22 5:00	0	12	537	202915
3/17/22 5:30	0	12	537	202915
3/17/22 6:00	0	12	537	202915
3/17/22 6:30	0	12	536	202915
3/17/22 7:00	0	12	536	202915
3/17/22 7:30	0	12	536	202915
3/17/22 8:00	0	12	537	202915
3/17/22 8:30	0	12	537	202915
3/17/22 9:00	0	12	537	202915
3/17/22 9:30	0	12	537	202915
3/17/22 10:00	0	12	537	202915
3/17/22 10:30	0	12	537	202915
3/17/22 11:00	0	13	537	202915
3/17/22 11:30	0	13	537	202915
3/17/22 12:00	0	13	536	202915
3/17/22 12:30	0		537	202915
3/17/22 13:00	0	13	536	202915
3/17/22 13:30	0	13	537	202915
3/17/22 14:00	0	13	536	202915
3/17/22 14:30	0	13	536	202915
3/17/22 15:00	0	13	536	202915
3/17/22 15:30	0	13	536	202915
3/17/22 16:00	0	13	537	202915
3/17/22 16:30	0	13	537	202915
3/17/22 17:00	0	13	536	202915
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3/17/22 18:00	0	13	536	202915
3/17/22 18:30	0	13	536	202915
3/17/22 19:00	0	13	536	202915
3/17/22 19:30	0	13	536	202915
3/17/22 20:00	0	13	536	202915
3/17/22 20:30	0	13	536	202915
3/17/22 21:00	0	13	536	202915
3/17/22 21:30	0	13	536	202915
3/17/22 22:00	0	13	536	202915
3/17/22 22:30	0	13	536	202915
3/17/22 23:00	0	13	536	202915
3/17/22 23:30	0	13	536	202915
3/18/22 0:00	0	13	536	202915
3/18/22 0:30	0	13	536	202915
3/18/22 1:00	0	13	536	202915
3/18/22 1:30	0	13	536	202915
3/18/22 2:00	0	13	536	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/18/22 2:30	0	13	536	202915
3/18/22 3:00	0	13	536	202915
3/18/22 3:30	0	13	536	202915
3/18/22 4:00	0	13	536	202915
3/18/22 4:30	0	13	535	202915
3/18/22 5:00	0	13	535	202915
3/18/22 5:30	0	13	535	202915
3/18/22 6:00	0	13	536	202915
3/18/22 6:30	0	13	535	202915
3/18/22 7:00	0	13	535	202915
3/18/22 7:30	0	13	535	202915
3/18/22 8:00	0	13	536	202915
3/18/22 8:30	0	13	536	202915
3/18/22 9:00	0	13	536	202915
3/18/22 9:30	0	13	536	202915
3/18/22 10:00	0	13	536	202915
3/18/22 10:30	0	13	536	202915
3/18/22 11:00	0	13	536	202915
3/18/22 11:30	0	13	536	202915
3/18/22 12:00	0	13	536	202915
3/18/22 12:30	0	13	536	202915
3/18/22 13:00	0	13	536	202915
3/18/22 13:30	0	13	535	202915
3/18/22 14:00	0	13	535	202915
3/18/22 14:30	0	13	535	202915
3/18/22 15:00	0	13	535	202915
3/18/22 15:30	0	13	535	202915
3/18/22 16:00	0	13	535	202915
3/18/22 16:30	0	14	535	202915
3/18/22 17:00	0	14	535	202915
3/18/22 17:30	0	14	535	202915
3/18/22 18:00	0	14	535	202915
3/18/22 18:30	0	14	535	202915
3/18/22 19:00	0	14	535	202915
3/18/22 19:30	0	14	535	202915
3/18/22 20:00				
3/18/22 20:30	0	14	535	202915
3/18/22 21:00	0	14	535	202915
3/18/22 21:30	0	14	535	202915
3/18/22 22:00	0	13	535	202915
3/18/22 22:30	0	13	535	202915
3/18/22 23:00	0	13	535	202915
3/18/22 23:30	0	13	535	202915
3/19/22 0:00	0	13	535	202915
3/19/22 0:30	0	13	535	202915
3/19/22 1:00	0	13	535	202915
3/19/22 1:30	0	13	535	202915
3/19/22 2:00	0	13	535	202915
3/19/22 2:30	0	13	535	202915
3/19/22 3:00	0	13	535	202915
3/19/22 3:30				
3/19/22 4:00	0	13	535	202915
3/19/22 4:30	0	13	535	202915
3/19/22 5:00	0	13	535	202915
3/19/22 5:30	0	13	535	202915
3/19/22 6:00	0	13	535	202915
3/19/22 6:30	0	13	535	202915
3/19/22 7:00	0	13	535	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/19/22 7:30	0	13	534	202915
3/19/22 8:00	0	13	536	202915
3/19/22 8:30	0	13	536	202915
3/19/22 9:00	0	13	535	202915
3/19/22 9:30	0	13	535	202915
3/19/22 10:00	0	13	535	202915
3/19/22 10:30	0	13	535	202915
3/19/22 11:00	0	13	535	202915
3/19/22 11:30	0	13	535	202915
3/19/22 12:00	0	14	535	202915
3/19/22 12:30	0	14	535	202915
3/19/22 13:00	0	14	535	202915
3/19/22 13:30	0	14	535	202915
3/19/22 14:00	0	14	535	202915
3/19/22 14:30	0	14	535	202915
3/19/22 15:00	0	14	535	202915
3/19/22 15:30	0	14	534	202915
3/19/22 16:00	0	14	535	202915
3/19/22 16:30	0	14	534	202915
3/19/22 17:00	0	14	534	202915
3/19/22 17:30	0	14	534	202915
3/19/22 18:00	0	14	534	202915
3/19/22 18:30	0	14	535	202915
3/19/22 19:00	0	14	534	202915
3/19/22 19:30	0	14	534	202915
3/19/22 20:00	0	14	534	202915
3/19/22 20:30	0	14	535	202915
3/19/22 21:00	0	14	535	202915
3/19/22 21:30	0	14	534	202915
3/19/22 22:00	0	14	535	202915
3/19/22 22:30	0	14	535	202915
3/19/22 23:00	0	14	535	202915
3/19/22 23:30	0	14	534	202915
3/20/22 0:00	0	14	534	202915
3/20/22 0:30	0	14	534	202915
3/20/22 1:00	0	14	534	202915
3/20/22 1:30	0	14	534	202915
3/20/22 2:00	0	14	534	202915
3/20/22 2:30	0	14	534	202915
3/20/22 3:00	0	14	534	202915
3/20/22 3:30	0	14	534	202915
3/20/22 4:00	0	14	534	202915
3/20/22 4:30	0	14	534	202915
3/20/22 5:00	0	14	534	202915
3/20/22 5:30	0	14	534	202915
3/20/22 6:00	0	14	534	202915
3/20/22 6:30	0	14	534	202915
3/20/22 7:00	0	14	534	202915
3/20/22 7:30	0	14	534	202915
3/20/22 8:00	0	14	534	202915
3/20/22 8:30	0	14	534	202915
3/20/22 9:00	0	14	534	202915
3/20/22 9:30	0	14	534	202915
3/20/22 10:00	0	14	534	202915
3/20/22 10:30	0	14	534	202915
3/20/22 11:00	0	14	534	202915
3/20/22 11:30	0	14	534	202915
3/20/22 12:00	0	14	534	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/20/22 12:30	0	14	534	202915
3/20/22 13:00	0	14	534	202915
3/20/22 13:30	0	14	534	202915
3/20/22 14:00	0	14	534	202915
3/20/22 14:30	0	14	534	202915
3/20/22 15:00	0	14	534	202915
3/20/22 15:30	0	14	534	202915
3/20/22 16:00	0	14	534	202915
3/20/22 16:30	0	14	534	202915
3/20/22 17:00	0	14	534	202915
3/20/22 17:30	0	14	534	202915
3/20/22 18:00	0	14	534	202915
3/20/22 18:30	0	14	534	202915
3/20/22 19:00	0	14	534	202915
3/20/22 19:30	0	14	534	202915
3/20/22 20:00				202915
3/20/22 20:30	0	14	534	202915
3/20/22 21:00	0	14	534	202915
3/20/22 21:30	0	14	534	202915
3/20/22 22:00	0	14	534	202915
3/20/22 22:30	0	14	534	202915
3/20/22 23:00	0	14	534	202915
3/20/22 23:30	0	14	534	202915
3/21/22 0:00	0	14	534	202915
3/21/22 0:30	0	14	534	202915
3/21/22 1:00	0	14	534	202915
3/21/22 1:30	0	14	534	202915
3/21/22 2:00	0	14	534	202915
3/21/22 2:30	0	14	534	202915
3/21/22 3:00	0	14	534	202915
3/21/22 3:30	0	14	534	202915
3/21/22 4:00	0	14	534	202915
3/21/22 4:30	0	14	533	202915
3/21/22 5:00	0	14	533	202915
3/21/22 5:30	0	14	534	202915
3/21/22 6:00	0	14	534	202915
3/21/22 6:30	0	14	533	202915
3/21/22 7:00	0	14	533	202915
3/21/22 7:30	0	14	534	202915
3/21/22 8:00	0	14	534	202915
3/21/22 8:30	0	14	534	202915
3/21/22 9:00	0	14	534	202915
3/21/22 9:30	0	14	534	202915
3/21/22 10:00	0	14	534	202915
3/21/22 10:30	0	14	533	202915
3/21/22 11:00	0	14	533	202915
3/21/22 11:30	0	14	534	202915
3/21/22 12:00	0	14	534	202915
3/21/22 12:30	0	14	533	202915
3/21/22 13:00	0	14	533	202915
3/21/22 13:30	0	14	533	202915
3/21/22 14:00	0	15	533	202915
3/21/22 14:30	0	15	533	202915
3/21/22 15:00	0	15	533	202915
3/21/22 15:30	0	15	533	202915
3/21/22 16:00	0	15	533	202915
3/21/22 16:30	0	15	533	202915
3/21/22 17:00	0	15	534	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/21/22 17:30	0	15	533	202915
3/21/22 18:00	0	15	533	202915
3/21/22 18:30	0	15	533	202915
3/21/22 19:00	0	15	533	202915
3/21/22 19:30	0	15	533	202915
3/21/22 20:00	0	15	533	202915
3/21/22 20:30	0	15	533	202915
3/21/22 21:00	0	15	533	202915
3/21/22 21:30	0	15	533	202915
3/21/22 22:00	0	15	533	202915
3/21/22 22:30	0	15	533	202915
3/21/22 23:00	0	15	533	202915
3/21/22 23:30	0	15	533	202915
3/22/22 0:00	0	15	533	202915
3/22/22 0:30	0	15	533	202915
3/22/22 1:00	0	15	533	202915
3/22/22 1:30	0	15	533	202915
3/22/22 2:00	0	15	533	202915
3/22/22 2:30	0	14	533	202915
3/22/22 3:00	0	14	533	202915
3/22/22 3:30	0	14	533	202915
3/22/22 4:00	0	14	533	202915
3/22/22 4:30	0	14	533	202915
3/22/22 5:00	0	14	533	202915
3/22/22 5:30	0	14	533	202915
3/22/22 6:00	0	14	532	202915
3/22/22 6:30	0	14	532	202915
3/22/22 7:00	0	14	532	202915
3/22/22 7:30	0	14	533	202915
3/22/22 8:00	0	14	533	202915
3/22/22 8:30	0	14	533	202915
3/22/22 9:00	0	14	533	202915
3/22/22 9:30	0	14	533	202915
3/22/22 10:00	0	14	533	202915
3/22/22 10:30	0	15	533	202915
3/22/22 11:00	0	15	533	202915
3/22/22 11:30	0	15	533	202915
3/22/22 12:00	0	15	533	202915
3/22/22 12:30	0	15	533	202915
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3/22/22 13:30	0	15	532	202915
3/22/22 14:00	0	15	532	202915
3/22/22 14:30	0	15	532	202915
3/22/22 15:00	0	15	532	202915
3/22/22 15:30	0	15	532	202915
3/22/22 16:00	0	15	532	202915
3/22/22 16:30	0	15	532	202915
3/22/22 17:00	0	15	532	202915
3/22/22 17:30	0	15	532	202915
3/22/22 18:00	0	15	532	202915
3/22/22 18:30	0	15	532	202915
3/22/22 19:00	0	15	532	202915
3/22/22 19:30	0	15	532	202915
3/22/22 20:00	0	15	532	202915
3/22/22 20:30	0	15	532	202915
3/22/22 21:00	0	15	532	202915
3/22/22 21:30	0	15	532	202915
3/22/22 22:00	0	15	532	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/22/22 22:30	0	15	532	202915
3/22/22 23:00	0	15	532	202915
3/22/22 23:30	0	15	532	202915
3/23/22 0:00	0	15	532	202915
3/23/22 0:30	0	15	532	202915
3/23/22 1:00	0	15	532	202915
3/23/22 1:30	0	15	532	202915
3/23/22 2:00	0	15	532	202915
3/23/22 2:30	0	15	532	202915
3/23/22 3:00	0	15	532	202915
3/23/22 3:30	0	15	532	202915
3/23/22 4:00	0	15	532	202915
3/23/22 4:30	0	15	532	202915
3/23/22 5:00	0	15	532	202915
3/23/22 5:30	0	15	532	202915
3/23/22 6:00	0	15	532	202915
3/23/22 6:30	0	15	532	202915
3/23/22 7:00	0	14	532	202915
3/23/22 7:30	0	14	532	202915
3/23/22 8:00	0	14	533	202915
3/23/22 8:30	0	15	533	202915
3/23/22 9:00	0	15	533	202915
3/23/22 9:30	0	15	532	202915
3/23/22 10:00	0	15	532	202915
3/23/22 10:30	0	15	532	202915
3/23/22 11:00	0	15	532	202915
3/23/22 11:30	0	15	532	202915
3/23/22 12:00	0	15	532	202915
3/23/22 12:30	0	15	532	202915
3/23/22 13:00	0	15	532	202915
3/23/22 13:30	0	15	532	202915
3/23/22 14:00	0	15	532	202915
3/23/22 14:30	0	15	532	202915
3/23/22 15:00	0	15	532	202915
3/23/22 15:30	0	15	532	202915
3/23/22 16:00	0	15	532	202915
3/23/22 16:30	0	15	532	202915
3/23/22 17:00	0	15	532	202915
3/23/22 17:30	0	15	532	202915
3/23/22 18:00	0	15	532	202915
3/23/22 18:30	0	15	532	202915
3/23/22 19:00	0	15	531	202915
3/23/22 19:30	0	15	531	202915
3/23/22 20:00	0	15	531	202915
3/23/22 20:30	0	15	532	202915
3/23/22 21:00	0	15	532	202915
3/23/22 21:30	0	15	532	202915
3/23/22 22:00	0	15	532	202915
3/23/22 22:30	0	15	532	202915
3/23/22 23:00	0	15	532	202915
3/23/22 23:30	0	15	532	202915
3/24/22 0:00	0	15	532	202915
3/24/22 0:30	0	15	531	202915
3/24/22 1:00	0	15	531	202915
3/24/22 1:30	0	15	531	202915
3/24/22 2:00	0	15	531	202915
3/24/22 2:30	0	15	531	202915
3/24/22 3:00	0	15	531	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/24/22 3:30	0	15	531	202915
3/24/22 4:00	0	15	531	202915
3/24/22 4:30	0	15	531	202915
3/24/22 5:00	0	15	531	202915
3/24/22 5:30	0	15	531	202915
3/24/22 6:00	0	15	531	202915
3/24/22 6:30	0	15	531	202915
3/24/22 7:00	0	15	531	202915
3/24/22 7:30	0	15	531	202915
3/24/22 8:00	0	15	532	202915
3/24/22 8:30	0	15	532	202915
3/24/22 9:00	0	15	532	202915
3/24/22 9:30	0	15	532	202915
3/24/22 10:00	0	15	532	202915
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3/24/22 11:00	0	15	532	202915
3/24/22 11:30	0	15	531	202915
3/24/22 12:00	0	15	531	202915
3/24/22 12:30	0	15	531	202915
3/24/22 13:00	0	15	531	202915
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3/25/22 7:00	0	15	531	202915
3/25/22 7:30	0	15	531	202915
3/25/22 8:00	0	15	531	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/25/22 8:30	0	15	531	202915
3/25/22 9:00	0	15	531	202915
3/25/22 9:30	0	15	531	202915
3/25/22 10:00	0	15	531	202915
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3/25/22 11:00	0	15	531	202915
3/25/22 11:30	0	15	531	202915
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3/26/22 13:00	0	16	530	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
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3/27/22 17:30	0	17	529	202915
3/27/22 18:00	0	17	529	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/27/22 18:30	0	17	529	202915
3/27/22 19:00	0	17	529	202915
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3/28/22 22:30	0	17	529	202915
3/28/22 23:00	0	17	529	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
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3/29/22 2:00	0	17	529	202915
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3/30/22 3:00	0	16	528	202915
3/30/22 3:30	0	16	528	202915
3/30/22 4:00	0	16	528	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/30/22 4:30	0	16	528	202915
3/30/22 5:00	0	16	528	202915
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3/31/22 9:00	0	16	528	202915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer
3/31/22 9:30	0	16	528	202915
3/31/22 10:00	0	16	528	202915
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ATTACHMENT E

Groundwater Monitoring Well Data Summary

Monitoring Well Information

Pursuant to the request of New Mexico Oil Conservation Division (OCD) via email on November 23, 2021, Western Refining Southwest LLC (Bloomfield Products Terminal) installed a new monitoring well (MW-78) on February 24, 2022, approximately 30 feet downgradient of WDW #2. This MW-78 has been incorporated into the network of monitoring wells used for collecting groundwater data to be included in periodic reporting.

The following groundwater monitoring activities and evaluation is based on the information gathered from the network of monitoring wells within the vicinity of WDW #2 to include upgradient and downgradient data points.

Groundwater Monitoring Activities

WDW #2 is a positive pressure injection well located within the eastern portion of the Bloomfield Products Terminal, north of County Road 4990. Groundwater sampling, gauging, and field monitoring activities are conducted quarterly and/or annually pursuant to the requirements outlined in Permit Conditions 2.F and 2.A of the Discharge Permit GW-001. Based on the groundwater contours in this area, groundwater flow within the uppermost water-bearing unit (i.e. Jackson Lake Terrace Formation) flows primarily in the northwest direction. Using the groundwater monitoring network of wells, Monitoring Well (MW)-52 and the recently installed MW-78 represent the closest monitoring locations upstream and downstream of WDW #2, respectively. The following is a summary of the groundwater elevations and sampling activities conducted between 2020 and the first quarter of 2022 pertaining to the groundwater water quality of the uppermost water-bearing unit within the vicinity of WDW #2.

- Groundwater Elevation: Depth-to-groundwater measurements were collected in August of 2021 and in August 2020. The field information was used to calculate the groundwater elevation across the Bloomfield Products Terminal. The following table represents the last data collected in 2020 and in 2021 from the monitoring wells within the vicinity of WDW #2:

Well ID	Date	Corrected Groundwater Elevation (ft amsl)
Upstream of WDW #2		
MW-52	August-20	5503.78
	August-21	5502.17
	December-21	5501.47
	March-22	5501.31
MW-08	August-20	5504.33
	August-21	5502.08
	December-21	5501.95
	March-22	5501.83
Downstream of WDW #2		
MW-78	March-22	5501.2
MW-29	August-20	5503.31
	August-21	5501.80
	December-21	5500.88
	March-22	5500.84
MW-68	August-20	5501.99
	August-21	5500.65
	December-21	5499.69
	March-22	5499.67
MW-21	August-20	5500.76
	August-21	5500.19
	December-21	5499.81
	March-22	5499.71
MW-55	August-20	5501.55
	August-21	5498.05
	December-21	5497.91
	March-22	5497.99

- Chloride concentrations detected in waters injected into WDW #2 were above the New Mexico WQCC standard of 250 mg/L. The WQCC chloride screening level is to apply to the dissolved phase result and therefore the comparison to the total chloride results indicates a high bias. The March 2022 analytical results for samples collected at WDW #2 indicated a chloride concentration of 990 mg/L (Refer to Attachment B for the Analytical Summary). Below is a summary of the detected chloride concentration for samples collected in August 2020 and March of 2022 at monitoring wells within the upstream and downstream vicinity of WDW #2. Sulfates that were detected remain lower

in concentrations than the WQCC standard of 600 mg/L at monitoring wells upstream of WDW #2. Concentrations detected at samples collected from WDW #2 are consistently below the WQCC standard.

Well ID	Date	Chloride	Sulfate
Upstream of WDW #2			
MW-52	August-20	560	980
	March-22	620	1500
MW-53	August-20	940	930
	March-22	800	1100
Downstream of WDW #2			
MW-78	August-20	Not Applicable	Not Applicable
	March-22	160	940
MW-68	August-20	20	230
	March-22	29	240
Injection Well			
WDW #2	December-20	890	72
	March-21	740	67
	May-21	720	57
	August-21	690	36
	October-21	1000	63
	March-22	990	75

Results Summary

The consistent groundwater elevation gradient across the Bloomfield Products Terminal indicates that WDW #2 operations has not impacted a change in the groundwater gradient, which has consistently been in the northwest direction. In addition, based on comparison of the general chemistry concentrations up-stream and downstream of WDW #2 to the sample results collected at the injection well, there is no indication that the waters from the injection wells have impacted the shallow water-bearing aquifer that is the uppermost water-bearing unit.

Water Received from Western Refining Albuquerque Products Terminal

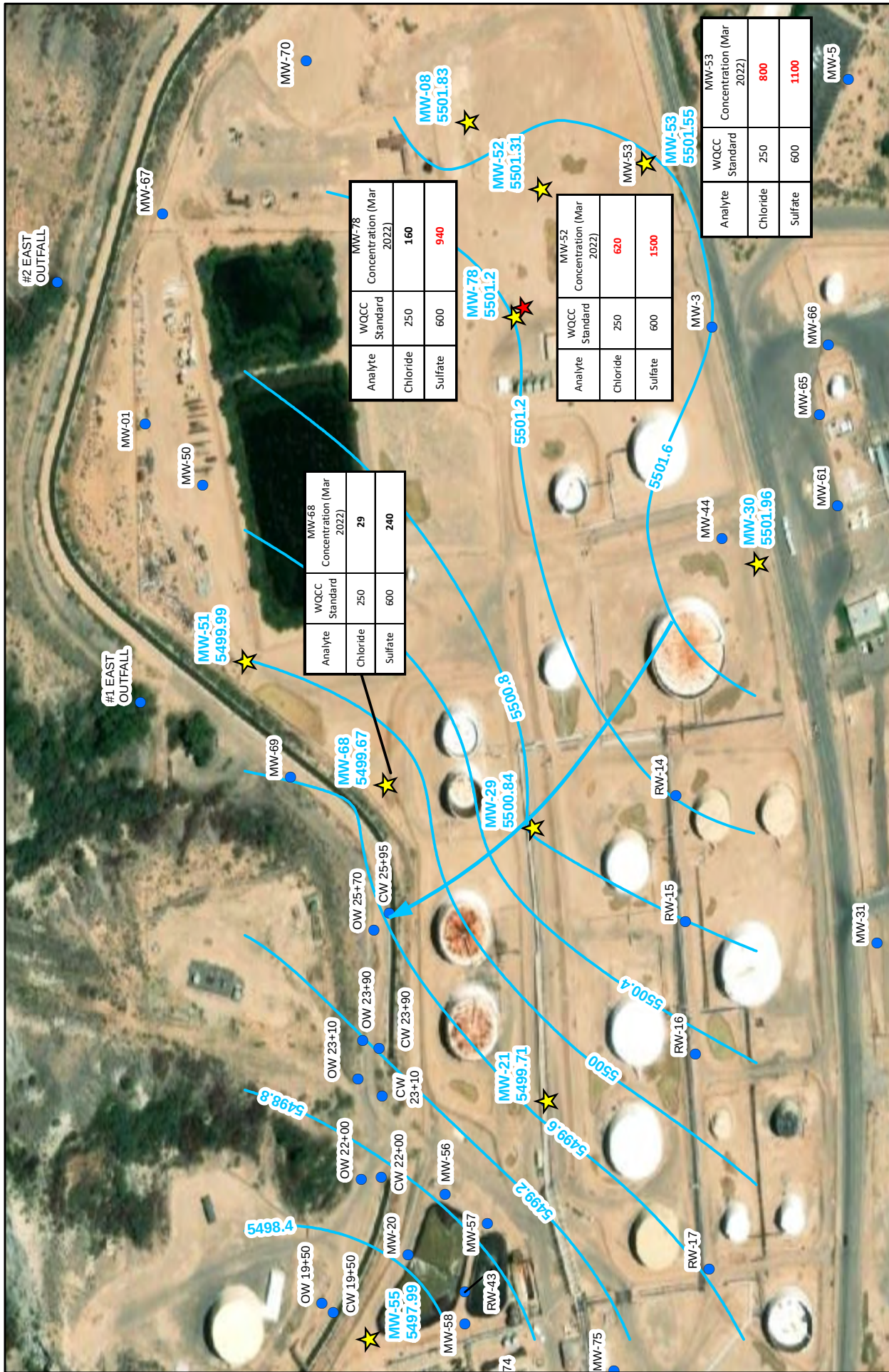
On February 28, 2022, OCD approved Bloomfield Products Terminal to receive shipments of petroleum contact water shipped from the Western Refining Albuquerque Products Terminal located at 3209 Broadway SE, Albuquerque, NM 87105. The petroleum contact water at Albuquerque Products Terminal consisted of stormwater and product residual from product loading operations and is routinely generated as part of normal operations. The Albuquerque Products Terminal has historically shipped the petroleum contact water to the Western Refining

Gallup, NM Refinery which is now idled or to the Western Refining El Paso Refinery that has been undergoing scheduled maintenance.

Bloomfield Products Terminal received a total of 10 shipments of the petroleum contact water during March and April of 2022. A copy of the shipping records are included in this report in Attachment G and a copy of the water analytical is included in Attachment C. The water was received at the entrance of the wastewater treatment oil-water separator. The product residual was recovered, and the water was processed in the wastewater treatment system. The final disposition of the petroleum contact water will be in this WDW #2 (Well UICI-011).

ATTACHMENT F

Groundwater Flow Direction & Hydraulic Gradient Map



Legend

- Injection Well Location
- Wells Used For Contouring
- Monitoring Well Locations
- Groundwater Elevation Contours
- Groundwater Flow Direction

Scale in Feet

0 350

Notes:

- Groundwater contours were created using a subset of wells, see legend.
- Groundwater elevations displayed in feet above mean sea level
- Red text indicates concentration exceeding standard

Figure 1

March 2022 Groundwater Flow Direction

Bloomfield Terminal

AECOM

Western Refining

April 2022

ATTACHMENT G

**Contact Water Shipping Documents
from Western Refining Albuquerque Products Terminal**

RULES

(To be printed on white paper)

UNIFORM STRAIGHT BILL OF LADING**ORIGINAL—NOT NEGOTIABLE**

Carrier's Pro No. _____

Shipper's Bill of Lading No. **22NM026**

Consignee's Reference/P.O. No. _____

Carrier's Code (SCAC) _____

Name of Carrier **Emergency Environmental Services**

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request:

From **Western Refining**Date **3/1/22**Street **3209 Broadway SE** City **Albuquerque** County **Bernalillo** State **NM** Zip **87105**

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as shown below, which said carrier agrees to carry to destination, if on its route, or otherwise to deliver to another carrier on the route to destination. Every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to **Marathon Petroleum**

On Collect on Delivery Shipments, the letters "COD" must appear before consignee's name.

Destination Street **CR 3500**City **Bloomfield** County **San Juan** State **NM** Zip **87413**Delivering Carrier **Emergency Environmental Services**

Trailer No. _____

Additional Shipment Information **Contact Water Starting gauge 29-1-13 Ending 29-0-3**Collect on Delivery \$ _____ and remit to: **Emergency Environmental**
Street _____ City **Farmington** State **NM**C.O.D. charge Shipper ☐
to be paid by Consignee ☒

Handling Units No. Type	Packages No. Type	HM	Kind of Package, Description of Articles, Special Marks and Exceptions (Subject to correction)	Weight (Subject to Correction)	Class or Rate Ref. (For Info. Only)	Cube (Optional)
001	001	X	RQ, UN 1993 Flammable, 3, PGIII, NOS (Contact Water)	5000 4641 Gallons	G	NA

Mark "X" to designate Hazardous Materials as defined in DOT Regulations.

NOTE (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows:

"The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____."

NOTE (2) Liability Limitation for loss or damage on this shipment may be applicable. See 49 U.S.C. § 14706(c)(1)(A) and (B).

NOTE (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Sec. 2(e) of NMFC Item 360.

Notify if problem en route or at delivery _____ (for informational purposes only)

Name

Fax No.

Tel. No.

Send freight bill to: _____

Company Name

City

Street

State

Zip

Shipper **Marathon Petroleum**Carrier **Emergency Environmental Services**

Per _____

Per _____

Date _____

Shipper Certification	Carrier Certification
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT. Per Achille L. Lange Date 3-1-22	Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent document in the vehicle. Per _____ Package Nos. _____ Date _____

STRAIGHT BILL OF LADING

ORIGINAL - NQT NEGOTIABLE

Shipper No. 505-243-7735Carrier No. 505 603-3884Date 03-02-2022BOL# 22NMO27Page 1 of 1Emergency Environmental Services

(Name of Carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1		From: Albuquerque Products Terminal Shipper	
TO: Bloomfield Products Terminal Consignee <u>Marathon Petroleum</u>		<u>Marathon Petroleum</u>	
Street: 50 CR 4990		Street: 3209 Broadway, SE	
City: Bloomfield State: NM Zip Code: 87413		City: Albuquerque State: NM Zip Code: 87105	
24 hr. Emergency Contact Tel. No.: <u>800-424-9300 CCN 13740</u>			
Route:		Vehicle <u>Truck # 427</u> Number: <u>Trailer # 11068</u>	

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	Total Quantity (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1, Tanker truck	X	Un 3295 Hydrocarbons, liquid, n.o.s. Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s., 3, III <u>(Contact Water)</u> <u>Starting Gauge 28-0-2</u> <u>Ending Gauge 28-7-9</u>	<u>4,914 Gallons</u>			<u>117</u>

PLACARDS TENDERED: YES ☐ NO ☐

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows:
"The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1 (a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are full and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature]
Signature

REMIT
C.O.D. TO:
ADDRESS

COD

Amt: \$

C.O.D. Fee:

PREPAID ☐COLLECT ☐ \$

Total

Charges \$

FREIGHT CHARGES

☐ Check box if charges are to be collected
FREIGHT PREPAID except when box is checked.

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER <u>Marathon Petroleum</u>	CARRIER <u>Emergency Environmental Services</u>
PER <u>[Signature]</u>	PER <u>[Signature]</u>
Date: <u>3-2-2022</u>	DATE: <u>3 / 2 / 22</u>

ORIGINAL - NQT NEGOTIABLE

Date 3-3-2022

Page 1 of 1

(Name of Carrier)

(SCAC)

BOL# 22NM028

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1

Marathon Petroleum

Street: 3209 Broadway, SE

City: Albuquerque State: NM Zip Code: 87105

24 hr. Emergency Contact Tel. No. : 800-424-9300 CCN 13740

Vehicle 427
Number: 11068

Starting gauge	28-7-8
Ending gauge	28-3-8

Signature

{Signature of Consignor}

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PER : Tom M. [Signature]
DATE: 3-7-22

DATE: 3-7-20

ORIGINAL - NOT NEGOTIABLE

Date 3-4-2022

BOL# 22NM029

(SCAC)

SHIPPER	Marathon Petroleum	CARRIER	Emergency Environmental Services
PER	<i>[Signature]</i>	PER	Frank Martinez <i>[Signature]</i>
	3-4-2022	DATE	3-4-22

STRAIGHT BILL OF LADING

ORIGINAL - NQT NEGOTIABLE

Shipper No. 505-243-7735

Carrier No. 505-503-3884

Date _____

Page 1 of 1

Emergency Environmental Services

BOL# 22NM030

(Name of Carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1	
TO: Bloomfield Products Terminal Consignee <u>Marathon Petroleum</u>	From: Albuquerque Products Terminal Shipper <u>Marathon Petroleum</u>
Street: 50 CR 4990	Street: 3209 Broadway, SE
City: Bloomfield State: NM Zip Code: 87413	City: Albuquerque State: NM Zip Code: 87105
24 hr. Emergency Contact Tel. No. : <u>800-424-9300 CCN 13740</u>	
Route: <u>550 N</u>	Vehicle <u>Truck # 427</u> Number: <u>Trailer # 11068</u>

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	Total Quantity (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1, Tanker truck #424 Tel #529	X	Un 3295 Hydrocarbons, liquid, n.o.s. Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s., 3, III (Contact Walter)	5,208			
		Starting Gauge 28-0-5 Ending Gauge 28-0-1				

PLACARDS TENDERED: YES ☐ NO ☐		REMIT C.O.D. TO: ADDRESS	
Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1 (a) of the Contract Terms and Conditions for a list of such articles.		I hereby declare that the contents of this consignment are full and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. _____ Signature	
		COD Amt: \$	C.O.D. Fee: PREPAID ☐ COLLECT ☐ \$
		Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)	Total Charges \$ FREIGHT CHARGES ☐ Check box if charges are to be collected FREIGHT PREPAID except when box is checked.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: <u>Marathon Petroleum</u>	CARRIER: <u>Emergency Environmental Services</u>
: <u>George Martinez</u>	PER: <u>Emil Mark</u>
Date: <u>3-7-2022</u>	DATE: <u>3-7-22</u>

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. 505-243-7735

Carrier No. 505-503-3884

Date 3-8-22

Page 1 of 1

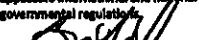
Emergency Environmental Services BOL # 22NM031

(Name of Carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1	
TO: Bloomfield Products Terminal Consignee Marathon Petroleum	From: Albuquerque Products Terminal Shipper Marathon Petroleum
Street: 50 CR 4990	Street: 3209 Broadway, SE
City: Bloomfield State: NM Zip Code: 87413	City: Albuquerque State: NM Zip Code: 87105
24 hr. Emergency Contact Tel. No. : 800-424-9300 CCN 13740	
Route:	Vehicle Truck = 424 Number: Trailer = 529

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	Total Quantity (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1, Tanker truck	X	Un 3295 Hydrocarbons, liquid, n.o.s. Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s., 3, III	4,914 Gallons			
		(CONTACT WATER)				
		STARTING GAUGE 28-0-1				
		ENDING GAUGE				

PLACARDS TENDERED: YES ☐ NO ☐ Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1 (a) of the Contract Terms and Conditions for a list of such articles.		I hereby declare that the contents of this consignment are full and accurately described above by the proper shipping name and as classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.  _____ Signature	
REMIT C.O.D. TO: ADDRESS		COD Amt: \$	
COD		C.O.D. Fee: PREPAID ☐ COLLECT ☐ \$	
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)		Total Charges \$ FREIGHT CHARGES ☐ Check box if charges are to be collected FREIGHT PREPAID except when box is checked.	

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

The undersigned hereby certifies that the above is a true and correct copy of the bill of lading and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER	Marathon Petroleum	CARRIER	Emergency Environmental Services
PL	3-8-2022	PER	Frank Martinez
		DATE	3-8-22

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. 505-243-7735

Carrier No. 505-503-3884

Date 3-9-22

Page 1 of 1

Emergency Environmental Services

BOL # 22NM032

(Name of Carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1

TO: Bloomfield Products Terminal Consignee <u>Marathon Petroleum</u>	From: Albuquerque Products Terminal Shipper <u>Marathon Petroleum</u>
Street: 50 CR 4990	Street: 3209 Broadway, SE
City: Bloomfield State: NM Zip Code: 87413	City: Albuquerque State: NM Zip Code: 87105
24 hr. Emergency Contact Tel. No.: <u>800-424-9300 CCN 13740</u>	
Route:	Vehicle <u>Truck = 424</u> Number: <u>Per. 102 529,</u>

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	Total Quantity (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1, Tanker truck	X	Un 3295 Hydrocarbons, liquid, n.o.s. Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s., 3, III <u>(CONTACT WATER)</u>	4,914 Gallons			

PLACARDS TENDERED: YES ☐ NO ☐		REMIT C.O.D. TO: ADDRESS COD Amt: \$		C.O.D. Fee: PREPAID ☐ COLLECT ☐ \$
Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1 (a) of the Contract Terms and Conditions for a list of such articles.		I hereby declare that the contents of this consignment are full and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. _____ Signature		Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)
RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.		Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.		

SHIPPER <u>Marathon Petroleum</u>	CARRIER <u>Emergency Environmental Services</u>
PER <u>3-9-22</u>	PER <u>[Signature]</u>
	DATE <u>3-9-22</u>

STRAIGHT BILL OF LADING

ORIGINAL - NQT NEGOTIABLE

Shipper No. 505-243-7735

Carrier No. 505-503-3884

Date 4-18-2022

Page 1 of 1

Emergency Environmental Services

(Name of Carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1

TO: Bloomfield Products Terminal
Consignee Marathon Petroleum

From: Albuquerque Products Terminal
Shipper Marathon Petroleum

Street: 50 CR 4990

Street: 3209 Broadway, SE

City: Bloomfield State: NM Zip Code: 87413

City: Albuquerque State: NM Zip Code: 87105

24 hr. Emergency Contact Tel. No. : **800-424-9300 CCN 13740**

Route:

Vehicle
Number:

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	Total Quantity (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1, Tanker truck	X	Un 3295 Hydrocarbons, liquid, n.o.s. Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s., 3, III <u>(Contact Water)</u>	4950	Gallons		

PLACARDS TENDERED: YES ☐ NO ☐

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows:
"The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are full and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT
C.O.D. TO:
ADDRESS

COD

Amt: \$

C.O.D. Fee:
PREPAID ☐

COLLECT ☐ \$

Total
Charges \$

FREIGHT CHARGES
☐ Check box if charges are to be collected
FREIGHT PREPAID except when box is checked.

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Marathon Petroleum

CARRIER Emergency Environmental Services

PER [Signature]

PER ALICIA CASAS

4-18-2022

DATE 4-18-2022

STRAIGHT BILL OF LADING

ORIGINAL - NQT NEGOTIABLE

Shipper No. 505-243-7735

Carrier No. 505-503-3884

Date 4-19-2022

Page 1 of 1

Emergency Environmental Services

(Name of Carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1	
TO: Bloomfield Products Terminal Consignee <u>Marathon Petroleum</u>	From: Albuquerque Products Terminal Shipper <u>Marathon Petroleum</u>
Street: 50 CR 4990	Street: 3209 Broadway, SE
City: Bloomfield State: NM Zip Code: 87413	City: Albuquerque State: NM Zip Code: 87105
24 hr. Emergency Contact Tel. No. : 800-424-9300 CCN 13740	
Route:	Vehicle Number:

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	Total Quantity (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1, Tanker truck	X	Un 3295 Hydrocarbons, liquid, n.o.s. Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s., 3, III <u>(Contact Water)</u>	<u>5,000 Gallons</u>			

PLACARDS TENDERED: YES ☐ NO ☐		REMIT C.O.D. TO: ADDRESS	
Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____" (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1 (a) of the Contract Terms and Conditions for a list of such articles.		I hereby declare that the contents of this consignment are full and accurately described above by the proper shipping name and as classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. _____ Signature	
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)		C.O.D. Fee: PREPAID ☐ COLLECT ☐ \$ _____ Total Charges \$ FREIGHT CHARGES ☐ Check box if charges are to be collected FREIGHT PREPAID except when box is checked.	

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER <u>Marathon Petroleum</u>	CARRIER <u>Emergency Environmental Services</u>
PER <u>Achille Large</u>	PER <u>AK</u>
<u>4-19-2022</u>	DATE <u>4-19-2022</u>

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. 505-243-773

Carrier No. 505-503-3884

Date 4-20-2022

Page 1 of 1

Emergency Environmental Services

(Name of Carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1	
TO: Bloomfield Products Terminal Consignee <u>Marathon Petroleum</u>	From: Albuquerque Products Terminal Shipper <u>Marathon Petroleum</u>
Street: <u>50 CR 4990</u>	Street: <u>3209 Broadway, SE</u>
City: <u>Bloomfield</u> State: <u>NM</u> Zip Code: <u>87413</u>	City: <u>Albuquerque</u> State: <u>NM</u> Zip Code: <u>87105</u>
24 hr. Emergency Contact Tel. No. : <u>800-424-9300 CCN 13740</u>	
Route:	Vehicle Number:

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	Total Quantity (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1, Tanker truck	X	Un 3295 Hydrocarbons, liquid, n.o.s. Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s., 3, III	4900 Gallons			
		(Contact Water)				

PLACARDS TENDERED: YES ☐ NO ☐		REMIT C.O.D. TO: ADDRESS	
Notes - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____" (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 300, Bills of Lading, Freight Bills and Statements of Charges and Section 1 (a) of the Contract Terms and Conditions for a list of such articles.		I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and as classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. _____ Signature	
		COD Amt: \$	C.O.D. Fee: PREPAID ☐ COLLECT ☐ \$
		Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)	Total Charges \$ FREIGHT CHARGES ☐ Check box if charges are to be collected FREIGHT PREPAID except when box is checked.

SHIPPER <u>Marathon Petroleum</u> PER <u>[Signature]</u> Date: <u>4-20-2022</u>	CARRIER <u>Emergency Environmental Services</u> PER <u>[Signature]</u> DATE <u>4-20-2022</u>
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From: [Russell, Gary F.](#)
To: [ocdonline.emnrd.EMNRD](#); [Chavez, Carl J. EMNRD](#)
Cc: [Sidle, Daun M.](#)
Subject: RE: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 105527
Date: Wednesday, May 25, 2022 7:38:03 PM
Attachments: [image001.png](#)
[MW-78 Boring Logs.pdf](#)

Mr. Chavez,

As requested, please see the attached boring logs for the new monitoring well MW-78 located at Western Refining Southwest in Bloomfield (facility ID fCJC2115255112). Please let me know if you need any additional information.

Thank you



Gary Russell, CHMM
Sr. HES Professional
L&S Terminals
112 TownPark Dr, Suite 125
Kennesaw, GA 30144
Office: 678-594-6377
Mobile: 210-970-1970
Email: gfrussell@marathonpetroleum.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, May 24, 2022 6:57 PM
To: Russell, Gary F. <GFRussell@Marathonpetroleum.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 105527

To whom it may concern (c/o Gary Russell for Western Refining Southwest LLC),

The OCD has approved the submitted *Discharge Permits* (DISCHARGE PERMIT), for facility ID (f#) fCJC2115255112, with the following conditions:

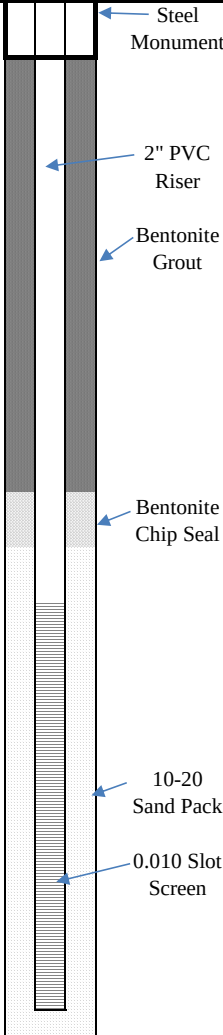
- **Provide well log for new MW-78 for the admin. record.**

The signed DISCHARGE PERMIT can be found in the OCD Online: Imaging under the facility ID (f#).

If you have any questions regarding this application, please contact me.

Thank you,
Carl Chavez
Environmental Engineer
505-660-7923
CarlJ.Chavez@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

ENSOLUM					Client: Marathon Petroleum Company, LP Project Name: Bloomfield Products Terminal Project Location: Bloomfield, NM Project Manager: Devin Hencmann		BORING LOG NUMBER MW-78	
Date Sampled: 2/24/2022 Drilled By: Enviro-Drill, Inc. Logged By: Eric Carroll					Ground Surface Elevation: ~5,540 feet Top of Casing Elevation: ~5,543 feet North Coordinate: 36.698652 West Coordinate: -107.970439		Borehole Diameter: 6.5 inches Casing Diameter: N/A Well Materials: PVC, 10-20 Sand Surface Completion: Stickup Boring Method: Hollow Stem Auger	
DEPTH (FEET)	SAMPLE INTERVAL	RECOVERY (%)	FID/PID READING (PPM)	POTENTIO- METRIC SURFACE	GEOLOGIC LOG SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION	
0	Hydrovac 0 - 10'				SP	0 - 3': SAND/GRAVEL, gray to brown, dry		
2								
4								
6								
8								
10								
12								
14								
16	X	90	N/A	SP				
18								
20	X	100	N/A	SP	15 - 23': Sand, fine grained, some gravel, few silt, light red-brown, moist			
22	X							
24								
26	X	100	N/A	GP	23 - 26': GRAVEL, with sand, light brown, dry			
28								
30	X	90	N/A	GP	26 - 30': GRAVEL, with sand and cobbles, dark brown, moist			
32	X							
34								
36	X	80	N/A	SST	33 - 37': SANDSTONE, coarse grained, light brown, moist			
38								
40						Boring Terminated at 37.5 feet		
42								
44								
46								
48								
50								