
Western Refining Southwest LLC

539 S Main Street
Findlay, OH 45840
Tel: 419.422.2121

October 27, 2023

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 via NMOCD e-permitting website

RE: Quarterly Injection Well Report – July to September 2023
Western Refining Southwest LLC – Bloomfield Products Terminal
Class I Disposal Well UICI-011 (WDW #2)
API#: 30-045-35747, Facility ID fCJC2115255112

Dear Mr. Chavez,

Western Refining Southwest LLC (Bloomfield Products Terminal), in this report, is providing to New Mexico Oil Conservation Division (OCD) a summary of the operational and monitoring data pertaining to the operations of the Class I injection well located at the Bloomfield Terminal facility located in Bloomfield, NM. The enclosed data are for operations and activities conducted between July 1st, 2023, and September 31st, 2023, and includes the following:

- Attachment A: 2023 Quarterly Injection Well Summary Table
- Attachment B: Analytical Summary of Quarterly Samples
- Attachment C: Quarterly Laboratory Analytical Reports
 - Injection Well quarterly sample results
- Attachment D: Well Operational Logs
- Attachment E: Groundwater Monitoring Well Data Summary & Evaluation
 - Analytical Results Narrative
 - Well Testing Operations & Significant Activities
- Attachment F: Bradenhead and MIT Test Reports

Pursuant to an OCD communication on September 11, 2023, the frequency of monitoring water quality at the monitoring wells in the immediate vicinity of WDW #2 and the piezometric surface measurements have been reduced from quarterly to semi-annually and were not conducted during this report period.

Western Refining Southwest LLC

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Findlay, OH 45840
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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,

A handwritten signature in black ink, appearing to read "Gary Russell". The signature is stylized with a large "G" and "R".

Gary Russell
Senior Environmental Specialist
Western Refining Southwest LLC

CC: Environmental Manual
Terminal Manager

Attachment A

Well Summary Table

Western Refining Southwest LLC
Bloomfield Terminal
Summary

Period	Amount of Water From River (Gallons)	Amount From WWTP (Barrels)	Totalizer Amount Injected (Barrels)	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)
2023													

JUL	0	39738.09524	0	744	501	-6	474	95	-6	88	0	0	0
AUG	0	34523.80952	0	744	482	-6	465	100	-6	96	0	0	0
SEP	0	28190.47619	3167	645.5	1250	-6	602	578	-8	26	47	25	29
Quarterly Averages and Totals	0	102452.381	3167	2133.5	744.33	-6.00	513.86	257.67	-6.67	69.98	15.75	8.39	9.58

Total Volume Injected:	3167	Barrels
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Attachment B

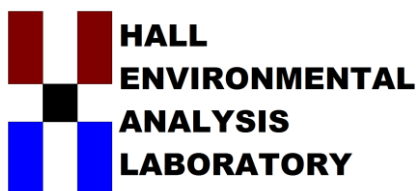
Quarterly Analytical Summary Table

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	Jan-Mar	Apr-June	July-Sept	Oct-Dec
Volatile Organic Compounds (mg/L)							
D029	1,1-Dichloroethene	0.70	5	< 0.70	< 0.70	< 0.70	
D028	1,2-Dichloroethane (EDC)	0.50	10	< 0.50	< 0.50	< 0.50	
D027	1,4-Dichlorobenzene	7.5		< 7.5	< 7.5	< 7.5	
D035	2-Butanone (MEK)	200		< 200	< 200	< 200	
D018	Benzene	0.50	10	< 0.50	< 0.50	< 0.50	
D019	Carbon Tetrachloride	0.50	10	< 0.50	< 0.50	< 0.50	
D021	Chlorobenzene	100		< 100	< 100	< 100	
D022	Chloroform	6.0	100	< 6.0	< 6.0	< 6.0	
D033	Hexachlorobutadiene	0.50		< 0.50	< 0.50	< 0.50	
D039	Tetrachloroethene (PCE)	0.70	20	< 0.70	< 0.70	< 0.70	
D040	Trichloroethene (TCE)	0.50	100	< 0.50	< 0.50	< 0.50	
D043	Vinyl chloride	0.20	1	< 0.20	< 0.20	< 0.20	
Semi-Volatile Organic Compounds (mg/L)							
D027	1,4-Dichlorobenzene	7.5		<7.5	<7.5	<7.5	
D041	2,4,5-Trichlorophenol	400		<400	<400	<400	
D042	2,4,6-Trichlorophenol	2.0		<2.0	<2.0	<2.0	
D030	2,4-Dinitrotoluene	0.13		<0.13	<0.13	<0.13	
D023	2-Methylphenol (o-Cresol)	200		<200	<200	<200	
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<200	<200	<200	
D032	Hexachlorobenzene	0.13		<0.13	<0.13	<0.13	
D033	Hexachlorobutadiene	0.50		<.50	<.50	<.50	
D034	Hexachloroethane	3.0		<3.0	<3.0	<3.0	
D036	Nitrobenzene	2.0		<2.0	<2.0	<2.0	
D037	Pentachlorophenol	100		<100	<100	<100	
D038	Pyridine	5.0		<5.0	<5.0	<5.0	
General Chemistry (mg/L unless otherwise stated)							
	Specific Conductance (umhos/cm3)			4800	4400	3000	
	Bromide			3.2	2.9	2.0	
	Chloride		250 *	1100	1000	640	
	Fluoride			<0.5	<0.5	<0.5	
	Nitrate + Nitrite as N			<0.5	<0.5	<0.5	
	Phosphorus, Orthophosphate (As P)			<2.5	<2.5	<2.5	
	Sulfate		600	110	82	130	
	Total Dissolved Solids		1,000	2510	2360	1710	
	pH (pH Units)			8.00	8.24	8.5	
	Bicarbonate (As CaCO3)			695.2	687.6	357	
	Carbonate (As CaCO3)			<2.0	<2.0	15.6	
	Total Alkalinity (as CaCO3)			695.2	687.6	372.6	
	Oxidation-Reduction Potential (mV)			124	103	333	
	Specific Gravity			0.997	1.001	0.994	
Total Metals (mg/L)							
D004	Arsenic	5.0		<0.03	0.0039	0.0022	
D005	Barium	100		0.17	0.19	0.13	
D006	Cadmium	1.0		< 0.002	< 0.002	< 0.002	
D007	Chromium	5.0		< 0.006	< 0.006	< 0.006	
D008	Lead	5.0		<0.02	<0.001	<0.001	
D010	Selenium	1.0		<0.05	0.0012	0.0011	
D011	Silver	5.0		< 0.005	< 0.005	< 0.005	
D009	Mercury	0.2	0.002	< 0.0002	< 0.0002	< 0.0002	
Dissolved Metals (mg/L)							
	Calcium			59	53	40	
	Magnesium			54	49	34	
	Potassium			29	28	19	
	Sodium			920	810	540	
Ignitability, Corrosivity, and Reactivity							
D003	Reactive Cyanide (mg/L)			<0.005	<0.005	<0.005	
D003	Reactive Sulfide (mg/L)			<0.05	<0.05	<0.05	
D001	Ignitability (° F)	< 140° F		>170	>170	>170	
D002	Corrosivity (ph Units)	≤ 2 or ≥ 12.5	6-9	8.01	8.28	8.4	
Pesticides (mg/L)							
	Chlordane	0.03		<0.002	<0.002	<0.002	
Field Parameters							
	pH			7.8	8.0	8.5	
	Temperature (° C)			20.1	22.5	10	

Notes:

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



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

October 11, 2023

Gary Russell

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX:

RE: Injection Well September 2023

OrderNo.: 2309266

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/7/2023 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 white background.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2309266

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well September 2023

Collection Date: 9/6/2023 8:30:00 AM

Lab ID: 2309266-001

Matrix: AQUEOUS

Received Date: 9/7/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP							Analyst: DAM
2-Methylphenol	ND	200		mg/L	1	9/20/2023 1:23:47 AM	77473
3+4-Methylphenol	ND	200		mg/L	1	9/20/2023 1:23:47 AM	77473
2,4-Dinitrotoluene	ND	0.13		mg/L	1	9/20/2023 1:23:47 AM	77473
Hexachlorobenzene	ND	0.13		mg/L	1	9/20/2023 1:23:47 AM	77473
Hexachlorobutadiene	ND	0.50		mg/L	1	9/20/2023 1:23:47 AM	77473
Hexachloroethane	ND	3.0		mg/L	1	9/20/2023 1:23:47 AM	77473
Nitrobenzene	ND	2.0		mg/L	1	9/20/2023 1:23:47 AM	77473
Pentachlorophenol	ND	100		mg/L	1	9/20/2023 1:23:47 AM	77473
Pyridine	ND	5.0		mg/L	1	9/20/2023 1:23:47 AM	77473
2,4,5-Trichlorophenol	ND	400		mg/L	1	9/20/2023 1:23:47 AM	77473
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	9/20/2023 1:23:47 AM	77473
Cresols, Total	ND	200		mg/L	1	9/20/2023 1:23:47 AM	77473
Surr: 2-Fluorophenol	13.4	20.8-71.9	S	%Rec	1	9/20/2023 1:23:47 AM	77473
Surr: Phenol-d5	35.0	16.2-54.5		%Rec	1	9/20/2023 1:23:47 AM	77473
Surr: 2,4,6-Tribromophenol	5.38	18.8-117	S	%Rec	1	9/20/2023 1:23:47 AM	77473
Surr: Nitrobenzene-d5	64.5	33-85.9		%Rec	1	9/20/2023 1:23:47 AM	77473
Surr: 2-Fluorobiphenyl	58.1	26.3-79.6		%Rec	1	9/20/2023 1:23:47 AM	77473
Surr: 4-Terphenyl-d14	77.8	53.9-124		%Rec	1	9/20/2023 1:23:47 AM	77473
SPECIFIC GRAVITY							Analyst: RBC
Specific Gravity	0.9944	0			1	9/22/2023 2:10:00 PM	R99926
EPA METHOD 300.0: ANIONS							Analyst: JMT
Fluoride	ND	0.50		mg/L	5	9/7/2023 4:38:02 PM	R99537
Chloride	640	25	*	mg/L	50	9/22/2023 12:55:55 PM	R99939
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	9/7/2023 4:38:02 PM	R99537
Bromide	2.0	0.50		mg/L	5	9/7/2023 4:38:02 PM	R99537
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	9/7/2023 4:38:02 PM	R99537
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	9/7/2023 4:38:02 PM	R99537
Sulfate	130	2.5		mg/L	5	9/7/2023 4:38:02 PM	R99537
SM2510B: SPECIFIC CONDUCTANCE							Analyst: RBC
Conductivity	3000	10		µmhos/c	1	9/12/2023 4:47:02 PM	R99643
SM2320B: ALKALINITY							Analyst: RBC
Bicarbonate (As CaCO3)	357.0	20.00		mg/L Ca	1	9/12/2023 4:47:02 PM	R99643
Carbonate (As CaCO3)	15.60	2.000		mg/L Ca	1	9/12/2023 4:47:02 PM	R99643
Total Alkalinity (as CaCO3)	372.6	20.00		mg/L Ca	1	9/12/2023 4:47:02 PM	R99643
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: MCA
Total Dissolved Solids	1710	100	*D	mg/L	1	9/14/2023 8:25:00 AM	77445

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309266

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well September 2023

Collection Date: 9/6/2023 8:30:00 AM

Lab ID: 2309266-001

Matrix: AQUEOUS

Received Date: 9/7/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM4500-H+B / 9040C: PH							Analyst: RBC
pH	8.52		*H	pH units	1	9/12/2023 4:47:02 PM	R99643
EPA METHOD 6020A: TOTAL METALS							Analyst: ELS
Arsenic	0.0022	0.0010		mg/L	1	9/27/2023 12:37:17 PM	77490
Lead	ND	0.0010		mg/L	1	9/27/2023 12:37:17 PM	77490
Selenium	0.0011	0.0010		mg/L	1	9/27/2023 12:37:17 PM	77490
EPA METHOD 7470A: MERCURY							Analyst: tem
Mercury	ND	0.00020		mg/L	1	9/8/2023 3:35:04 PM	77360
EPA METHOD 6010B: DISSOLVED METALS							Analyst: VP
Calcium	40	1.0		mg/L	1	9/12/2023 11:21:37 AM	A99625
Magnesium	34	1.0		mg/L	1	9/12/2023 11:21:37 AM	A99625
Potassium	19	1.0		mg/L	1	9/12/2023 11:21:37 AM	A99625
Sodium	540	50		mg/L	50	9/12/2023 11:25:38 AM	A99625
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: VP
Barium	0.13	0.0020		mg/L	1	9/19/2023 4:15:31 PM	77490
Cadmium	ND	0.0020		mg/L	1	9/19/2023 4:15:31 PM	77490
Chromium	ND	0.0060		mg/L	1	9/19/2023 4:15:31 PM	77490
Silver	ND	0.0050		mg/L	1	9/19/2023 4:15:31 PM	77490
EPA METHOD 8081: PESTICIDES							Analyst: mb
Chlordane	ND	2.0		µg/L	1	9/20/2023 11:56:23 AM	77472
Surr: Decachlorobiphenyl	89.7	38.2-130		%Rec	1	9/20/2023 11:56:23 AM	77472
Surr: Tetrachloro-m-xylene	94.5	24.5-130		%Rec	1	9/20/2023 11:56:23 AM	77472
TCLP VOLATILES BY 8260B							Analyst: RAA
Benzene	ND	0.50		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Toluene	ND	0.50		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Ethylbenzene	ND	0.50		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Xylenes, Total	ND	0.50		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
2-Butanone	ND	200		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Carbon Tetrachloride	ND	0.50		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Chloroform	ND	6.0		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
1,4-Dichlorobenzene	ND	7.5		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
1,1-Dichloroethene	ND	0.70		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Trichloroethene (TCE)	ND	0.50		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Vinyl chloride	ND	0.20		mg/L	200	9/13/2023 6:58:49 PM	TW9968!
Chlorobenzene	ND	100		mg/L	200	9/13/2023 6:58:49 PM	TW9968!

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2309266

Date Reported: 10/11/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well September 2023

Collection Date: 9/6/2023 8:30:00 AM

Lab ID: 2309266-001

Matrix: AQUEOUS

Received Date: 9/7/2023 6:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B							Analyst: RAA
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	200	9/13/2023 6:58:49 PM	TW9968!
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	200	9/13/2023 6:58:49 PM	TW9968!
Surr: Dibromofluoromethane	117	70-130		%Rec	200	9/13/2023 6:58:49 PM	TW9968!
Surr: Toluene-d8	89.2	70-130		%Rec	200	9/13/2023 6:58:49 PM	TW9968!

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		



ANALYTICAL REPORT

September 15, 2023

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1654073

Samples Received: 09/08/2023

Project Number:

Description:

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

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

A handwritten signature in blue ink that reads "John V. Hawkins".

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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
2309266-001F INJECTION WELL L1654073-01	5	
Qc: Quality Control Summary	6	⁴ Cn
Wet Chemistry by Method 2580	6	⁵ Sr
Wet Chemistry by Method 4500 CN E-2016	7	
Wet Chemistry by Method 4500 S2 D-2011	8	⁶ Qc
Wet Chemistry by Method 9040C	9	
Wet Chemistry by Method D93/1010A	10	⁷ Gl
Gl: Glossary of Terms	11	⁸ Al
Al: Accreditations & Locations	12	
Sc: Sample Chain of Custody	13	⁹ Sc

2309266-001F INJECTION WELL L1654073-01 GW

Collected by
Collected date/time
Received date/time

09/06/23 08:30 09/08/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG2131376	1	09/14/23 10:00	09/14/23 10:00	NTG	Mt. Juliet, TN
Wet Chemistry by Method 4500 CN E-2016	WG2129260	1	09/12/23 09:14	09/12/23 16:51	UNP	Mt. Juliet, TN
Wet Chemistry by Method 4500 S2 D-2011	WG2130087	1	09/09/23 15:51	09/09/23 15:51	SJA	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2132517	1	09/15/23 12:31	09/15/23 12:31	JGM	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG2131004	1	09/13/23 03:02	09/13/23 03:02	WOS	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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.

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

Collected date/time: 09/06/23 08:30

L1654073

Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	333	T8	1	09/14/2023 10:00	WG2131376

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Wet Chemistry by Method 4500 CN E-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	09/12/2023 16:51	WG2129260

Wet Chemistry by Method 4500 S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	ND		0.0500	1	09/09/2023 15:51	WG2130087

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	8.40	T8	1	09/15/2023 12:31	WG2132517

Sample Narrative:

L1654073-01 WG2132517: 8.4 at 20.3C

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	09/13/2023 03:02	WG2131004

Wet Chemistry by Method 2580

L1654073-01

L1653297-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1653297-01 09/14/23 10:00 • (DUP) R3972949-3 09/14/23 10:00

Analyte	Original Result	DUP Result	Dilution	DUP Diff	DUP Qualifier	DUP Diff Limits
	mV	mV		mV		mV
ORP	26.7	24.1	1	2.60		20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1653297-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1653297-02 09/14/23 10:00 • (DUP) R3972949-4 09/14/23 10:00

Analyte	Original Result	DUP Result	Dilution	DUP Diff	DUP Qualifier	DUP Diff Limits
	mV	mV		mV		mV
ORP	393	397	1	3.30		20

L1653378-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1653378-01 09/14/23 10:00 • (DUP) R3972949-5 09/14/23 10:00

Analyte	Original Result	DUP Result	Dilution	DUP Diff	DUP Qualifier	DUP Diff Limits
	mV	mV		mV		mV
ORP	28.8	32.7	1	3.90		20

L1653378-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1653378-02 09/14/23 10:00 • (DUP) R3972949-6 09/14/23 10:00

Analyte	Original Result	DUP Result	Dilution	DUP Diff	DUP Qualifier	DUP Diff Limits
	mV	mV		mV		mV
ORP	424	426	1	1.70		20

L1654073-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1654073-01 09/14/23 10:00 • (DUP) R3972949-7 09/14/23 10:00

Analyte	Original Result	DUP Result	Dilution	DUP Diff	DUP Qualifier	DUP Diff Limits
	mV	mV		mV		mV
ORP	333	330	1	3.30		20

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

(LCS) R3972949-1 09/14/23 10:00 • (LCSD) R3972949-2 09/14/23 10:00

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	Diff	Diff Limits
	mV	mV	mV	%	%	%			mV	mV
ORP	97.0	96.8	98.9	99.8	102	90.0-110			2.10	20

Wet Chemistry by Method 4500 CN E-2016

L1654073-01

Method Blank (MB)

(MB) R3972173-1 09/12/23 16:11

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

L1654027-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1654027-02 09/12/23 16:31 • (DUP) R3972173-5 09/12/23 16:32

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	ND	ND	1	30.5	P1	20

L1654031-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1654031-02 09/12/23 16:34 • (DUP) R3972173-6 09/12/23 16:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	0.127	0.132	1	3.86		20

Laboratory Control Sample (LCS)

(LCS) R3972173-2 09/12/23 16:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.110	110	87.1-120	

L1653840-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1653840-08 09/12/23 16:18 • (MS) R3972173-3 09/12/23 16:20 • (MSD) R3972173-4 09/12/23 16:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0922	0.0962	92.2	96.2	1	90.0-110			4.25	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3971460-1 09/09/23 15:46

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

L1654073-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1654073-01 09/09/23 15:51 • (DUP) R3971460-3 09/09/23 15:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Sulfide	ND	ND	1	8.00		20

Laboratory Control Sample (LCS)

(LCS) R3971460-2 09/09/23 15:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Sulfide	0.500	0.445	89.0	85.0-115	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

L1654073-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1654073-01 09/15/23 12:31 • (DUP) R3973611-2 09/15/23 12:31

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	8.40	8.40	1	0.000		1

Sample Narrative:

OS: 8.4 at 20.3C
DUP: 8.4 at 20.3C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1655614-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1655614-01 09/15/23 12:31 • (DUP) R3973611-3 09/15/23 12:31

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	7.39	7.35	1	0.543		1

Sample Narrative:

OS: 7.39 at 20.4C
DUP: 7.35 at 20.2C

Laboratory Control Sample (LCS)

(LCS) R3973611-1 09/15/23 12:31

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	su	su	%	%	
pH	10.0	10.0	100	99.0-101	

Sample Narrative:

LCS: 10.01 at 19.7C

Wet Chemistry by Method D93/1010A

[L1654073-01](#)

L1654698-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1654698-01 09/13/23 03:02 • (DUP) R3972259-3 09/13/23 03:02

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

¹Cp

²Tc

³Ss

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

(LCS) R3972259-1 09/13/23 03:02 • (LCSD) R3972259-2 09/13/23 03:02

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD	RPD Limits
Analyte	deg F	deg F	deg F	%	%	%			%	%
Flashpoint	126	125	125	99.0	99.0	96.0-104			0.000	10

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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.

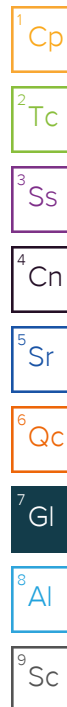
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location.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

P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.



Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

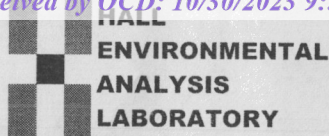
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	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.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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: www.hallenvironmental.com

A230

SUB CONTRACTOR Pace TN		COMPANY: PACE TN		PHONE: (800) 767-5859		FAX: (615) 758-5859	
ADDRESS: 12065 Lebanon Rd				ACCOUNT #:		EMAIL:	
CITY, STATE, ZIP: Mt. Juliet, TN 37122							
ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2309266-001F	Injection Well	500HDPE	Aqueous	9/6/2023 8:30:00 AM	4 RCI, ORP	L16S4073 -01

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N If Applicable

COC Signed/Accurate: ☒ Y ☐ N VOA Zero Headspace: ☐ Y ☐ N

Bottles arrive intact: ☒ Y ☐ N Pres. Correct/Check: ☐ Y ☐ N

Correct bottles used: ☒ Y ☐ N

Sufficient volume sent: ☒ Y ☐ N

RA Screen <0.5 mR/hr: ☒ Y ☐ N **0.8+0=0.8**

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:	Date: 9/7/2023	Time: 9:42 AM	Received By: Alexa Mitchell	Date: 9/7/2023	Time: 0900	REPORT TRANSMITTAL DESIRED: ☐ HARDCOPY (extra cost) ☒ FAX ☐ EMAIL ☐ ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	FOR LAB USE ONLY	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Temp of samples _____ °C Attempt to Cool ? _____	
TAT: Standard ☒ RUSH ☐ Next BD ☐ 2nd BD ☐ 3rd BD ☐						Comments: _____	

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R99537	RunNo: 99537								
Prep Date:	Analysis Date: 9/7/2023	SeqNo: 3634826 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: R99537	RunNo: 99537								
Prep Date:	Analysis Date: 9/7/2023	SeqNo: 3634827 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.48	0.10	0.5000	0	95.4	90	110			
Nitrogen, Nitrite (As N)	0.94	0.10	1.000	0	93.8	90	110			
Bromide	2.3	0.10	2.500	0	93.9	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	96.9	90	110			
Phosphorus, Orthophosphate (As P)	4.6	0.50	5.000	0	91.5	90	110			
Sulfate	9.3	0.50	10.00	0	92.9	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R99939	RunNo: 99939								
Prep Date:	Analysis Date: 9/22/2023	SeqNo: 3654963 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: R99939	RunNo: 99939								
Prep Date:	Analysis Date: 9/22/2023	SeqNo: 3654964 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.5	0.50	5.000	0	90.2	90	110			

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R99939	RunNo: 99939								
Prep Date:	Analysis Date: 9/22/2023	SeqNo: 3654993 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Above Quantitation Range/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 standard limits. If undiluted results may be estimated.	

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: MB-77490	SampType: MBLK	TestCode: EPA Method 6020A: Total Metals								
Client ID: PBW	Batch ID: 77490	RunNo: 99728								
Prep Date: 9/13/2023	Analysis Date: 9/15/2023	SeqNo: 3644697 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								

Sample ID: MSLCSLL-77490	SampType: LCSLL	TestCode: EPA Method 6020A: Total Metals								
Client ID: BatchQC	Batch ID: 77490	RunNo: 99728								
Prep Date: 9/13/2023	Analysis Date: 9/15/2023	SeqNo: 3644698 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.0012	0.0010	0.001000	0	125	70	130			
Lead	0.0010	0.0010	0.001000	0	104	70	130			

Sample ID: MSLCS-77490	SampType: LCS	TestCode: EPA Method 6020A: Total Metals								
Client ID: LCSW	Batch ID: 77490	RunNo: 99728								
Prep Date: 9/13/2023	Analysis Date: 9/15/2023	SeqNo: 3644699 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	96.5	80	120			
Lead	0.049	0.0010	0.05000	0	98.6	80	120			

Sample ID: 2309266-001EMSL	SampType: MS	TestCode: EPA Method 6020A: Total Metals								
Client ID: Injection Well	Batch ID: 77490	RunNo: 100058								
Prep Date: 9/13/2023	Analysis Date: 9/27/2023	SeqNo: 3661357 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.052	0.0010	0.05000	0.002237	99.0	75	125			
Selenium	0.051	0.0010	0.05000	0.001125	100	75	125			

Sample ID: 2309266-001EMSDL	SampType: MSD	TestCode: EPA Method 6020A: Total Metals								
Client ID: Injection Well	Batch ID: 77490	RunNo: 100058								
Prep Date: 9/13/2023	Analysis Date: 9/27/2023	SeqNo: 3661359 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.054	0.0010	0.05000	0.002237	103	75	125	3.96	20	
Selenium	0.052	0.0010	0.05000	0.001125	102	75	125	1.13	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: MB-77472	SampType: MBLK			TestCode: EPA Method 8081: PESTICIDES						
Client ID: PBW	Batch ID: 77472			RunNo: 99870						
Prep Date: 9/13/2023	Analysis Date: 9/20/2023			SeqNo: 3651160		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.2		2.500		86.4	38.2	130			
Surr: Tetrachloro-m-xylene	1.6		2.500		62.8	24.5	130			

Sample ID: LCS-77472	SampType: LCS			TestCode: EPA Method 8081: PESTICIDES						
Client ID: LCSW	Batch ID: 77472			RunNo: 99870						
Prep Date: 9/13/2023	Analysis Date: 9/20/2023			SeqNo: 3651161		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		91.3	38.2	130			
Surr: Tetrachloro-m-xylene	1.6		2.500		63.7	24.5	130			

Sample ID: LCSD-77472	SampType: LCSD			TestCode: EPA Method 8081: PESTICIDES						
Client ID: LCSS02	Batch ID: 77472			RunNo: 99870						
Prep Date: 9/13/2023	Analysis Date: 9/20/2023			SeqNo: 3651162		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.2		2.500		86.8	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		64.3	24.5	130	0	20	

Sample ID: MB-77472	SampType: MBLK			TestCode: EPA Method 8081: PESTICIDES						
Client ID: PBW	Batch ID: 77472			RunNo: 99870						
Prep Date: 9/13/2023	Analysis Date: 9/20/2023			SeqNo: 3651610		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.2		2.500		86.2	38.2	130			
Surr: Tetrachloro-m-xylene	1.5		2.500		60.4	24.5	130			

Sample ID: LCS-77472	SampType: LCS			TestCode: EPA Method 8081: PESTICIDES						
Client ID: LCSW	Batch ID: 77472			RunNo: 99870						
Prep Date: 9/13/2023	Analysis Date: 9/20/2023			SeqNo: 3651611		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		91.9	38.2	130			
Surr: Tetrachloro-m-xylene	1.5		2.500		61.6	24.5	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: LCSD-77472		SampType: LCSD			TestCode: EPA Method 8081: PESTICIDES					
Client ID: LCSS02		Batch ID: 77472			RunNo: 99870					
Prep Date: 9/13/2023		Analysis Date: 9/20/2023			SeqNo: 3651612		Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.2		2.500		87.5	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		62.2	24.5	130	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/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#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: 100ng lcs	SampType: LCS			TestCode: TCLP Volatiles by 8260B						
Client ID: LCSW	Batch ID: TW99685			RunNo: 99685						
Prep Date:	Analysis Date: 9/13/2023			SeqNo: 3642412		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.022	0.010	0.02000	0	110	70	130			
1,1-Dichloroethene	0.024	0.010	0.02000	0	118	70	130			
Trichloroethene (TCE)	0.020	0.010	0.02000	0	101	70	130			
Chlorobenzene	0.019	0.010	0.02000	0	96.9	70	130			
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		103	70	130			
Surr: 4-Bromofluorobenzene	0.0091		0.01000		91.3	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		105	70	130			
Surr: Toluene-d8	0.010		0.01000		102	70	130			

Sample ID: mb	SampType: MBLK			TestCode: TCLP Volatiles by 8260B						
Client ID: PBW	Batch ID: TW99685			RunNo: 99685						
Prep Date:	Analysis Date: 9/13/2023			SeqNo: 3642414		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	0.0097		0.01000		97.3	70	130			
Surr: 4-Bromofluorobenzene	0.0094		0.01000		94.0	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		101	70	130			
Surr: Toluene-d8	0.0093		0.01000		93.3	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: lcs-77473	SampType: LCS			TestCode: EPA Method 8270C TCLP						
Client ID: LCSW	Batch ID: 77473			RunNo: 99819						
Prep Date: 9/13/2023	Analysis Date: 9/19/2023			SeqNo: 3649198			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.073	0.00010	0.1000	0	72.7	26.8	92.9			
3+4-Methylphenol	0.14	0.00010	0.2000	0	71.6	23.7	100			
2,4-Dinitrotoluene	0.060	0.00010	0.1000	0	60.3	22.3	71.2			
Hexachlorobenzene	0.079	0.00010	0.1000	0	78.6	26.1	91.6			
Hexachlorobutadiene	0.043	0.00010	0.1000	0	43.1	15	74.2			
Hexachloroethane	0.042	0.00010	0.1000	0	42.0	15	85.4			
Nitrobenzene	0.069	0.00010	0.1000	0	69.2	26.1	89.6			
Pentachlorophenol	0.058	0.00010	0.1000	0	57.8	21.7	89.4			
Pyridine	0.045	0.00010	0.1000	0	45.1	15	68.4			
2,4,5-Trichlorophenol	0.079	0.00010	0.1000	0	79.0	27	97.9			
2,4,6-Trichlorophenol	0.075	0.00010	0.1000	0	75.1	27.9	92.6			
Cresols, Total	0.22	0.00010	0.3000	0	72.0	24.8	97.7			
Surr: 2-Fluorophenol	0.12		0.2000		62.0	20.8	71.9			
Surr: Phenol-d5	0.094		0.2000		46.9	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		86.4	18.8	117			
Surr: Nitrobenzene-d5	0.075		0.1000		74.5	33	85.9			
Surr: 2-Fluorobiphenyl	0.066		0.1000		66.0	26.3	79.6			
Surr: 4-Terphenyl-d14	0.090		0.1000		89.6	53.9	124			

Sample ID: lcsd-77473	SampType: LCSD			TestCode: EPA Method 8270C TCLP						
Client ID: LCSS02	Batch ID: 77473			RunNo: 99819						
Prep Date: 9/13/2023	Analysis Date: 9/20/2023			SeqNo: 3649199			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.081	0.00010	0.1000	0	81.3	26.8	92.9	11.1	20	
3+4-Methylphenol	0.17	0.00010	0.2000	0	85.9	23.7	100	18.2	20	
2,4-Dinitrotoluene	0.067	0.00010	0.1000	0	67.3	22.3	71.2	11.1	20	
Hexachlorobenzene	0.080	0.00010	0.1000	0	79.8	26.1	91.6	1.50	20	
Hexachlorobutadiene	0.046	0.00010	0.1000	0	46.2	15	74.2	6.93	20	
Hexachloroethane	0.048	0.00010	0.1000	0	48.5	15	85.4	14.4	20	
Nitrobenzene	0.075	0.00010	0.1000	0	75.0	26.1	89.6	8.07	20	
Pentachlorophenol	0.058	0.00010	0.1000	0	57.8	21.7	89.4	0.0224	20	
Pyridine	0.052	0.00010	0.1000	0	51.8	15	68.4	13.9	20	
2,4,5-Trichlorophenol	0.087	0.00010	0.1000	0	86.9	27	97.9	9.54	20	
2,4,6-Trichlorophenol	0.087	0.00010	0.1000	0	87.1	27.9	92.6	14.9	20	
Cresols, Total	0.25	0.00010	0.3000	0	84.4	24.8	97.7	15.9	20	
Surr: 2-Fluorophenol	0.13		0.2000		67.3	20.8	71.9	0	20	
Surr: Phenol-d5	0.10		0.2000		51.3	16.2	54.5	0	20	
Surr: 2,4,6-Tribromophenol	0.17		0.2000		86.7	18.8	117	0	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: lcsd-77473	SampType: LCSD	TestCode: EPA Method 8270C TCLP								
Client ID: LCSS02	Batch ID: 77473	RunNo: 99819								
Prep Date: 9/13/2023	Analysis Date: 9/20/2023	SeqNo: 3649199 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.075		0.1000		75.3	33	85.9	0	20	
Surr: 2-Fluorobiphenyl	0.067		0.1000		67.1	26.3	79.6	0	20	
Surr: 4-Terphenyl-d14	0.089		0.1000		89.2	53.9	124	0	20	

Sample ID: mb-77473	SampType: MBLK	TestCode: EPA Method 8270C TCLP								
Client ID: PBW	Batch ID: 77473	RunNo: 99819								
Prep Date: 9/13/2023	Analysis Date: 9/19/2023	SeqNo: 3649200 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	0.13		0.2000		67.1	20.8	71.9			
Surr: Phenol-d5	0.10		0.2000		51.2	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		84.7	18.8	117			
Surr: Nitrobenzene-d5	0.073		0.1000		72.8	33	85.9			
Surr: 2-Fluorobiphenyl	0.066		0.1000		65.9	26.3	79.6			
Surr: 4-Terphenyl-d14	0.093		0.1000		93.1	53.9	124			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: LCS-1 98.7uS eC	SampType: LCS		TestCode: SM2510B: Specific Conductance							
Client ID: LCSW	Batch ID: R99643		RunNo: 99643							
Prep Date:	Analysis Date: 9/12/2023		SeqNo: 3640094		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	98.70	0	102	85	115			

Sample ID: LCS-2 98.7uS eC	SampType: LCS		TestCode: SM2510B: Specific Conductance							
Client ID: LCSW	Batch ID: R99643		RunNo: 99643							
Prep Date:	Analysis Date: 9/12/2023		SeqNo: 3640120		Units: µmhos/cm					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	98.70	0	102	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well September 2023

Sample ID: MB-77360	SampType: MBLK	TestCode: EPA Method 7470A: Mercury								
Client ID: PBW	Batch ID: 77360	RunNo: 99561								
Prep Date: 9/7/2023	Analysis Date: 9/8/2023	SeqNo: 3635715	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: LCSLL-77360	SampType: LCSLL	TestCode: EPA Method 7470A: Mercury								
Client ID: BatchQC	Batch ID: 77360	RunNo: 99561								
Prep Date: 9/7/2023	Analysis Date: 9/8/2023	SeqNo: 3635716	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020	0.0001500	0	80.4	50	150			

Sample ID: LCS-77360	SampType: LCS	TestCode: EPA Method 7470A: Mercury								
Client ID: LCSW	Batch ID: 77360	RunNo: 99561								
Prep Date: 9/7/2023	Analysis Date: 9/8/2023	SeqNo: 3635717	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	97.4	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2309266
11-Oct-23

Client: Western Refining Southwest, Inc.
Project: Injection Well September 2023

Sample ID: MB-A	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: PBW	Batch ID: A99625	RunNo: 99625								
Prep Date:	Analysis Date: 9/12/2023	SeqNo: 3639112 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								
Sodium	ND	1.0								

Sample ID: LCS-A	SampType: LCS	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: LCSW	Batch ID: A99625	RunNo: 99625								
Prep Date:	Analysis Date: 9/12/2023	SeqNo: 3639114 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	50	1.0	50.00	0	99.5	80	120			
Magnesium	50	1.0	50.00	0	99.8	80	120			
Potassium	49	1.0	50.00	0	97.3	80	120			
Sodium	48	1.0	50.00	0	96.2	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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/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#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.
Project: Injection Well September 2023

Sample ID: MB-77490	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 77490	RunNo: 99814								
Prep Date: 9/13/2023	Analysis Date: 9/19/2023	SeqNo: 3648875	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								
Chromium	ND	0.0060								
Silver	ND	0.0050								

Sample ID: LCS-77490	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 77490	RunNo: 99814								
Prep Date: 9/13/2023	Analysis Date: 9/19/2023	SeqNo: 3648877	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Barium	0.50	0.0020	0.5000	0	101	80	120			
Cadmium	0.51	0.0020	0.5000	0	101	80	120			
Chromium	0.51	0.0060	0.5000	0	102	80	120			
Silver	0.10	0.0050	0.1000	0	100	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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/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#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.
Project: Injection Well September 2023

Sample ID: MB-1 Alk	SampType: MBLK	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R99643	RunNo: 99643
Prep Date:	Analysis Date: 9/12/2023	SeqNo: 3640045 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: R99643	RunNo: 99643
Prep Date:	Analysis Date: 9/12/2023	SeqNo: 3640046 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	78.80	20.00 80.00 0 98.5 90 110

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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/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#: 2309266

11-Oct-23

Client: Western Refining Southwest, Inc.
Project: Injection Well September 2023

Sample ID: MB-77445	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 77445	RunNo: 99676								
Prep Date: 9/12/2023	Analysis Date: 9/14/2023	SeqNo: 3643132		Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	50.0								

Sample ID: LCS-77445	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 77445	RunNo: 99676								
Prep Date: 9/12/2023	Analysis Date: 9/14/2023	SeqNo: 3643133		Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	50.0	1000	0	103	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 standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/Estimated Value

J

Analyte detected below quantitation limits

P

Sample pH Not In Range

RL

Reporting Limit



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

Sample Log-In Check List

Client Name: Western Refining
Southwest, Inc.

Work Order Number: 2309266

RcptNo: 1

Received By: Tracy Casarrubias 9/7/2023 6:10:00 AM

Completed By: Tracy Casarrubias 9/7/2023 7:24:48 AM

Reviewed By: *[Signature]* 9-7-23

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 ☐ HNO₃ 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: 2:2
(<2 or >12 unless noted)
Adjusted? YES
Checked by: SCM 9/7/23

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:

From original unpreserved volume provided in 1 Liter glass amber, ~500mL were oured off into 500mL HDPE for 001C, and ~125mL were poured off and filtered for sample 001D. (Filter Lot# 1746106). Proceeded to add ~0.40mL of HNO₃ (Chem#7115) to sample 001D for proper pH- SCM 9/7/23

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good	Yes	Yogi		

Attachment D

Quarterly Operational Log

Attachment D
Injection Well Operational Log

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/1/23 0:00		76	500	213249
7/1/23 0:30		76	501	213249
7/1/23 1:00		76	500	213249
7/1/23 1:30		76	500	213249
7/1/23 2:00		76	500	213249
7/1/23 2:30		76	500	213249
7/1/23 3:00		76	500	213249
7/1/23 3:30		76	500	213249
7/1/23 4:00		76	500	213249
7/1/23 4:30		76	-6	213249
7/1/23 5:00		76	500	213249
7/1/23 5:30		76	500	213249
7/1/23 6:00		76	500	213249
7/1/23 6:30		76	500	213249
7/1/23 7:00		76	500	213249
7/1/23 7:30		76	500	213249
7/1/23 8:00		76	500	213249
7/1/23 8:30		-6	500	213249
7/1/23 9:00		76	500	213249
7/1/23 9:30		76	501	213249
7/1/23 10:00		76	500	213249
7/1/23 10:30		76	500	213249
7/1/23 11:00		76	500	213249
7/1/23 11:30		76	500	213249
7/1/23 12:00		76	500	213249
7/1/23 12:30		76	500	213249
7/1/23 13:00		77	500	213249
7/1/23 13:30		77	500	213249
7/1/23 14:00		77	500	213249
7/1/23 14:30		77	500	213249
7/1/23 15:00		77	499	213249
7/1/23 15:30		77	500	213249
7/1/23 16:00		77	500	213249
7/1/23 16:30		77	500	213249
7/1/23 17:00		77	500	213249
7/1/23 17:30		77	500	213249
7/1/23 18:00		78	499	213249
7/1/23 18:30		78	500	213249
7/1/23 19:00		78	499	213249
7/1/23 19:30		78	499	213249
7/1/23 20:00		78	499	213249
7/1/23 20:30		78	499	213249
7/1/23 21:00		78	499	213249
7/1/23 21:30		78	499	213249
7/1/23 22:00		78	499	213249
7/1/23 22:30		78	499	213249
7/1/23 23:00		78	499	213249
7/1/23 23:30		78	499	213249
7/2/23 0:00		78	499	213249
7/2/23 0:30		78	499	213249
7/2/23 1:00		78	499	213249
7/2/23 1:30		78	499	213249
7/2/23 2:00		78	499	213249
7/2/23 2:30		78	499	213249
7/2/23 3:00		78	499	213249
7/2/23 3:30		78	499	213249
7/2/23 4:00		78	499	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/2/23 4:30		78	499	213249
7/2/23 5:00		78	499	213249
7/2/23 5:30		78	499	213249
7/2/23 6:00		78	499	213249
7/2/23 6:30		77	499	213249
7/2/23 7:00		78	499	213249
7/2/23 7:30		78	499	213249
7/2/23 8:00		77	499	213249
7/2/23 8:30		77	499	213249
7/2/23 9:00		77	499	213249
7/2/23 9:30		77	499	213249
7/2/23 10:00		78	499	213249
7/2/23 10:30		78	499	213249
7/2/23 11:00		78	499	213249
7/2/23 11:30		78	-6	213249
7/2/23 12:00		78	499	213249
7/2/23 12:30		78	499	213249
7/2/23 13:00		78	499	213249
7/2/23 13:30		78	499	213249
7/2/23 14:00		78	499	213249
7/2/23 14:30		78	498	213249
7/2/23 15:00		78	498	213249
7/2/23 15:30		79	498	213249
7/2/23 16:00		79	498	213249
7/2/23 16:30		79	498	213249
7/2/23 17:00		79	498	213249
7/2/23 17:30		79	498	213249
7/2/23 18:00		79	498	213249
7/2/23 18:30		79	498	213249
7/2/23 19:00		79	498	213249
7/2/23 19:30		79	498	213249
7/2/23 20:00		79	498	213249
7/2/23 20:30		79	498	213249
7/2/23 21:00		79	498	213249
7/2/23 21:30		79	498	213249
7/2/23 22:00		79	498	213249
7/2/23 22:30		79	498	213249
7/2/23 23:00		79	498	213249
7/2/23 23:30		79	498	213249
7/3/23 0:00		79	498	213249
7/3/23 0:30		79	498	213249
7/3/23 1:00		79	498	213249
7/3/23 1:30		79	498	213249
7/3/23 2:00		79	498	213249
7/3/23 2:30		79	498	213249
7/3/23 3:00		79	498	213249
7/3/23 3:30		79	498	213249
7/3/23 4:00		79	498	213249
7/3/23 4:30		79	498	213249
7/3/23 5:00		79	498	213249
7/3/23 5:30		79	498	213249
7/3/23 6:00		79	498	213249
7/3/23 6:30		79	498	213249
7/3/23 7:00		79	498	213249
7/3/23 7:30		79	498	213249
7/3/23 8:00		79	498	213249
7/3/23 8:30		79	498	213249
7/3/23 9:00		79	498	213249
7/3/23 9:30		79	498	213249
7/3/23 10:00		79	-6	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/3/23 10:30		79	498	213249
7/3/23 11:00		79	498	213249
7/3/23 11:30		79	498	213249
7/3/23 12:00		79	498	213249
7/3/23 12:30		79	498	213249
7/3/23 13:00		79	498	213249
7/3/23 13:30		79	498	213249
7/3/23 14:00		80	497	213249
7/3/23 14:30		80	497	213249
7/3/23 15:00		80	497	213249
7/3/23 15:30		80	497	213249
7/3/23 16:00		80	497	213249
7/3/23 16:30		80	497	213249
7/3/23 17:00		80	497	213249
7/3/23 17:30		80	497	213249
7/3/23 18:00		80	497	213249
7/3/23 18:30		80	497	213249
7/3/23 19:00		80	497	213249
7/3/23 19:30		80	497	213249
7/3/23 20:00		81	497	213249
7/3/23 20:30		81	497	213249
7/3/23 21:00		81	497	213249
7/3/23 21:30		81	497	213249
7/3/23 22:00		81	497	213249
7/3/23 22:30		81	497	213249
7/3/23 23:00		81	497	213249
7/3/23 23:30		81	497	213249
7/4/23 0:00		81	497	213249
7/4/23 0:30		80	497	213249
7/4/23 1:00		80	497	213249
7/4/23 1:30		80	497	213249
7/4/23 2:00		80	497	213249
7/4/23 2:30		80	497	213249
7/4/23 3:00		80	497	213249
7/4/23 3:30		80	497	213249
7/4/23 4:00		80	497	213249
7/4/23 4:30		80	497	213249
7/4/23 5:00		80	497	213249
7/4/23 5:30		80	497	213249
7/4/23 6:00		80	497	213249
7/4/23 6:30		80	497	213249
7/4/23 7:00		80	497	213249
7/4/23 7:30		80	497	213249
7/4/23 8:00		80	497	213249
7/4/23 8:30		80	497	213249
7/4/23 9:00		80	497	213249
7/4/23 9:30		80	497	213249
7/4/23 10:00		80	497	213249
7/4/23 10:30		80	497	213249
7/4/23 11:00		80	497	213249
7/4/23 11:30		80	497	213249
7/4/23 12:00		80	497	213249
7/4/23 12:30		80	497	213249
7/4/23 13:00		80	497	213249
7/4/23 13:30		81	497	213249
7/4/23 14:00		81	497	213249
7/4/23 14:30		81	496	213249
7/4/23 15:00		81	496	213249
7/4/23 15:30		81	496	213249
7/4/23 16:00		81	496	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/4/23 16:30		81	496	213249
7/4/23 17:00		81	496	213249
7/4/23 17:30		81	496	213249
7/4/23 18:00		81	496	213249
7/4/23 18:30		81	496	213249
7/4/23 19:00		81	496	213249
7/4/23 19:30		82	496	213249
7/4/23 20:00		82	496	213249
7/4/23 20:30		82	496	213249
7/4/23 21:00		82	496	213249
7/4/23 21:30		82	496	213249
7/4/23 22:00		82	496	213249
7/4/23 22:30		82	496	213249
7/4/23 23:00		82	496	213249
7/4/23 23:30		82	496	213249
7/5/23 0:00		82	496	213249
7/5/23 0:30		81	496	213249
7/5/23 1:00		81	496	213249
7/5/23 1:30		81	496	213249
7/5/23 2:00		81	496	213249
7/5/23 2:30		81	496	213249
7/5/23 3:00		81	496	213249
7/5/23 3:30		81	496	213249
7/5/23 4:00		81	496	213249
7/5/23 4:30		81	496	213249
7/5/23 5:00		81	496	213249
7/5/23 5:30		81	496	213249
7/5/23 6:00		81	496	213249
7/5/23 6:30		81	496	213249
7/5/23 7:00		81	496	213249
7/5/23 7:30		81	496	213249
7/5/23 8:00		81	496	213249
7/5/23 8:30		81	496	213249
7/5/23 9:00		81	496	213249
7/5/23 9:30		81	496	213249
7/5/23 10:00		81	496	213249
7/5/23 10:30		81	496	213249
7/5/23 11:00		81	496	213249
7/5/23 11:30		81	496	213249
7/5/23 12:00		81	496	213249
7/5/23 12:30		81	496	213249
7/5/23 13:00		81	496	213249
7/5/23 13:30		82	496	213249
7/5/23 14:00		82	495	213249
7/5/23 14:30		82	495	213249
7/5/23 15:00		82	495	213249
7/5/23 15:30		82	495	213249
7/5/23 16:00		82	495	213249
7/5/23 16:30		82	495	213249
7/5/23 17:00		82	495	213249
7/5/23 17:30		82	495	213249
7/5/23 18:00		82	495	213249
7/5/23 18:30		82	495	213249
7/5/23 19:00		82	495	213249
7/5/23 19:30		82	495	213249
7/5/23 20:00		82	-6	213249
7/5/23 20:30		82	495	213249
7/5/23 21:00		82	495	213249
7/5/23 21:30		83	495	213249
7/5/23 22:00		83	495	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/5/23 22:30		83	495	213249
7/5/23 23:00		83	495	213249
7/5/23 23:30		82	495	213249
7/6/23 0:00		82	495	213249
7/6/23 0:30		82	495	213249
7/6/23 1:00		82	495	213249
7/6/23 1:30		82	495	213249
7/6/23 2:00		82	495	213249
7/6/23 2:30		82	495	213249
7/6/23 3:00		82	495	213249
7/6/23 3:30		82	495	213249
7/6/23 4:00		82	495	213249
7/6/23 4:30		82	495	213249
7/6/23 5:00		82	495	213249
7/6/23 5:30		82	495	213249
7/6/23 6:00		82	495	213249
7/6/23 6:30		82	495	213249
7/6/23 7:00		82	495	213249
7/6/23 7:30		82	495	213249
7/6/23 8:00		82	495	213249
7/6/23 8:30		82	495	213249
7/6/23 9:00		82	495	213249
7/6/23 9:30		82	495	213249
7/6/23 10:00		82	495	213249
7/6/23 10:30		82	495	213249
7/6/23 11:00		82	495	213249
7/6/23 11:30		82	495	213249
7/6/23 12:00		82	495	213249
7/6/23 12:30		82	495	213249
7/6/23 13:00		82	495	213249
7/6/23 13:30		82	495	213249
7/6/23 14:00		82	495	213249
7/6/23 14:30		82	495	213249
7/6/23 15:00		83	494	213249
7/6/23 15:30		83	494	213249
7/6/23 16:00		83	495	213249
7/6/23 16:30		83	495	213249
7/6/23 17:00		83	-6	213249
7/6/23 17:30		83	494	213249
7/6/23 18:00		83	494	213249
7/6/23 18:30		83	494	213249
7/6/23 19:00		83	494	213249
7/6/23 19:30		83	494	213249
7/6/23 20:00		83	494	213249
7/6/23 20:30		83	494	213249
7/6/23 21:00		83	494	213249
7/6/23 21:30		83	494	213249
7/6/23 22:00		83	494	213249
7/6/23 22:30		83	494	213249
7/6/23 23:00		83	494	213249
7/6/23 23:30		83	494	213249
7/7/23 0:00		83	-6	213249
7/7/23 0:30		83	494	213249
7/7/23 1:00		83	494	213249
7/7/23 1:30		83	494	213249
7/7/23 2:00		83	494	213249
7/7/23 2:30		83	494	213249
7/7/23 3:00		83	494	213249
7/7/23 3:30		83	494	213249
7/7/23 4:00		83	-6	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/7/23 4:30		83	494	213249
7/7/23 5:00		83	494	213249
7/7/23 5:30		83	494	213249
7/7/23 6:00		83	494	213249
7/7/23 6:30		83	494	213249
7/7/23 7:00		83	-6	213249
7/7/23 7:30		83	494	213249
7/7/23 8:00		83	494	213249
7/7/23 8:30		83	494	213249
7/7/23 9:00		83	494	213249
7/7/23 9:30		83	494	213249
7/7/23 10:00		83	494	213249
7/7/23 10:30		83	494	213249
7/7/23 11:00		83	494	213249
7/7/23 11:30		83	494	213249
7/7/23 12:00		83	494	213249
7/7/23 12:30		83	494	213249
7/7/23 13:00		83	494	213249
7/7/23 13:30		83	494	213249
7/7/23 14:00		83	494	213249
7/7/23 14:30		83	494	213249
7/7/23 15:00		84	494	213249
7/7/23 15:30		84	494	213249
7/7/23 16:00		84	493	213249
7/7/23 16:30		84	494	213249
7/7/23 17:00		84	494	213249
7/7/23 17:30		84	493	213249
7/7/23 18:00		84	494	213249
7/7/23 18:30		84	493	213249
7/7/23 19:00		84	494	213249
7/7/23 19:30		84	493	213249
7/7/23 20:00		84	-6	213249
7/7/23 20:30		84	493	213249
7/7/23 21:00		84	493	213249
7/7/23 21:30		84	493	213249
7/7/23 22:00		84	493	213249
7/7/23 22:30		84	493	213249
7/7/23 23:00		84	493	213249
7/7/23 23:30		84	493	213249
7/8/23 0:00		84	493	213249
7/8/23 0:30		84	493	213249
7/8/23 1:00		84	493	213249
7/8/23 1:30		84	493	213249
7/8/23 2:00		84	493	213249
7/8/23 2:30		84	493	213249
7/8/23 3:00		84	493	213249
7/8/23 3:30		84	493	213249
7/8/23 4:00		84	493	213249
7/8/23 4:30		84	493	213249
7/8/23 5:00		84	493	213249
7/8/23 5:30		84	493	213249
7/8/23 6:00		84	493	213249
7/8/23 6:30		83	493	213249
7/8/23 7:00		83	493	213249
7/8/23 7:30		83	493	213249
7/8/23 8:00		83	493	213249
7/8/23 8:30		83	493	213249
7/8/23 9:00		83	493	213249
7/8/23 9:30		83	494	213249
7/8/23 10:00		83	494	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/8/23 10:30		83	-6	213249
7/8/23 11:00		84	493	213249
7/8/23 11:30		84	493	213249
7/8/23 12:00		84	493	213249
7/8/23 12:30		84	493	213249
7/8/23 13:00		84	493	213249
7/8/23 13:30		84	493	213249
7/8/23 14:00		84	493	213249
7/8/23 14:30		84	-6	213249
7/8/23 15:00		84	493	213249
7/8/23 15:30		84	493	213249
7/8/23 16:00		84	493	213249
7/8/23 16:30		84	493	213249
7/8/23 17:00		84	493	213249
7/8/23 17:30		85	493	213249
7/8/23 18:00		85	493	213249
7/8/23 18:30		85	493	213249
7/8/23 19:00		85	493	213249
7/8/23 19:30		85	493	213249
7/8/23 20:00		85	-6	213249
7/8/23 20:30		85	493	213249
7/8/23 21:00		85	493	213249
7/8/23 21:30		85	493	213249
7/8/23 22:00		85	493	213249
7/8/23 22:30		85	492	213249
7/8/23 23:00		85	492	213249
7/8/23 23:30		85	492	213249
7/9/23 0:00		85	493	213249
7/9/23 0:30		85	493	213249
7/9/23 1:00		85	493	213249
7/9/23 1:30		85	-6	213249
7/9/23 2:00		85	493	213249
7/9/23 2:30		85	493	213249
7/9/23 3:00		85	493	213249
7/9/23 3:30		84	493	213249
7/9/23 4:00		84	493	213249
7/9/23 4:30		84	492	213249
7/9/23 5:00		84	493	213249
7/9/23 5:30		84	-6	213249
7/9/23 6:00		84	492	213249
7/9/23 6:30		84	492	213249
7/9/23 7:00		84	492	213249
7/9/23 7:30		84	492	213249
7/9/23 8:00		84	492	213249
7/9/23 8:30		84	492	213249
7/9/23 9:00		84	493	213249
7/9/23 9:30		84	493	213249
7/9/23 10:00		84	493	213249
7/9/23 10:30		84	493	213249
7/9/23 11:00		84	492	213249
7/9/23 11:30		84	492	213249
7/9/23 12:00		84	492	213249
7/9/23 12:30		84	493	213249
7/9/23 13:00		84	492	213249
7/9/23 13:30		85	492	213249
7/9/23 14:00		85	492	213249
7/9/23 14:30		85	492	213249
7/9/23 15:00		85	492	213249
7/9/23 15:30		85	492	213249
7/9/23 16:00		85	492	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/9/23 16:30		85	492	213249
7/9/23 17:00		85	492	213249
7/9/23 17:30		85	492	213249
7/9/23 18:00		85	492	213249
7/9/23 18:30		85	492	213249
7/9/23 19:00		85	492	213249
7/9/23 19:30		85	492	213249
7/9/23 20:00		85	492	213249
7/9/23 20:30		86	492	213249
7/9/23 21:00		86	492	213249
7/9/23 21:30		86	492	213249
7/9/23 22:00		86	491	213249
7/9/23 22:30		86	492	213249
7/9/23 23:00		86	492	213249
7/9/23 23:30		86	492	213249
7/10/23 0:00		86	492	213249
7/10/23 0:30		86	492	213249
7/10/23 1:00		85	492	213249
7/10/23 1:30		85	492	213249
7/10/23 2:00		85	492	213249
7/10/23 2:30		85	492	213249
7/10/23 3:00		85	492	213249
7/10/23 3:30		85	492	213249
7/10/23 4:00		85	492	213249
7/10/23 4:30		85	492	213249
7/10/23 5:00		85	492	213249
7/10/23 5:30		85	492	213249
7/10/23 6:00		85	492	213249
7/10/23 6:30		85	492	213249
7/10/23 7:00		85	492	213249
7/10/23 7:30		85	492	213249
7/10/23 8:00		85	492	213249
7/10/23 8:30		85	492	213249
7/10/23 9:00		85	492	213249
7/10/23 9:30		85	492	213249
7/10/23 10:00		85	492	213249
7/10/23 10:30		85	492	213249
7/10/23 11:00		85	492	213249
7/10/23 11:30		85	492	213249
7/10/23 12:00		85	491	213249
7/10/23 12:30		85	491	213249
7/10/23 13:00		85	492	213249
7/10/23 13:30		86	-6	213249
7/10/23 14:00		86	492	213249
7/10/23 14:30		86	491	213249
7/10/23 15:00		86	491	213249
7/10/23 15:30		86	491	213249
7/10/23 16:00		86	491	213249
7/10/23 16:30		86	491	213249
7/10/23 17:00		86	491	213249
7/10/23 17:30		86	491	213249
7/10/23 18:00		86	-6	213249
7/10/23 18:30		86	491	213249
7/10/23 19:00		86	491	213249
7/10/23 19:30		86	491	213249
7/10/23 20:00		86	491	213249
7/10/23 20:30		86	491	213249
7/10/23 21:00		86	491	213249
7/10/23 21:30		86	491	213249
7/10/23 22:00		86	491	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/10/23 22:30		86	491	213249
7/10/23 23:00		86	491	213249
7/10/23 23:30		86	491	213249
7/11/23 0:00		86	491	213249
7/11/23 0:30		86	491	213249
7/11/23 1:00		86	491	213249
7/11/23 1:30		86	491	213249
7/11/23 2:00		86	491	213249
7/11/23 2:30		86	491	213249
7/11/23 3:00		86	491	213249
7/11/23 3:30		86	491	213249
7/11/23 4:00		86	491	213249
7/11/23 4:30		86	491	213249
7/11/23 5:00		86	491	213249
7/11/23 5:30		86	491	213249
7/11/23 6:00		86	491	213249
7/11/23 6:30		86	491	213249
7/11/23 7:00		86	491	213249
7/11/23 7:30		86	491	213249
7/11/23 8:00		86	491	213249
7/11/23 8:30		86	491	213249
7/11/23 9:00		86	491	213249
7/11/23 9:30		86	491	213249
7/11/23 10:00		86	491	213249
7/11/23 10:30		86	491	213249
7/11/23 11:00		86	491	213249
7/11/23 11:30		86	491	213249
7/11/23 12:00		86	491	213249
7/11/23 12:30		86	491	213249
7/11/23 13:00		86	491	213249
7/11/23 13:30		86	491	213249
7/11/23 14:00		86	491	213249
7/11/23 14:30		86	491	213249
7/11/23 15:00		86	491	213249
7/11/23 15:30		86	491	213249
7/11/23 16:00		86	491	213249
7/11/23 16:30		87	491	213249
7/11/23 17:00		87	491	213249
7/11/23 17:30		87	491	213249
7/11/23 18:00		87	491	213249
7/11/23 18:30		87	491	213249
7/11/23 19:00		87	491	213249
7/11/23 19:30		87	491	213249
7/11/23 20:00		87	491	213249
7/11/23 20:30		87	490	213249
7/11/23 21:00		87	490	213249
7/11/23 21:30		87	490	213249
7/11/23 22:00		87	491	213249
7/11/23 22:30		87	491	213249
7/11/23 23:00		87	490	213249
7/11/23 23:30		87	491	213249
7/12/23 0:00		87	491	213249
7/12/23 0:30		87	491	213249
7/12/23 1:00		87	491	213249
7/12/23 1:30		87	490	213249
7/12/23 2:00		87	491	213249
7/12/23 2:30		87	-6	213249
7/12/23 3:00		87	491	213249
7/12/23 3:30		87	490	213249
7/12/23 4:00		87	490	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/12/23 4:30		87	490	213249
7/12/23 5:00		87	490	213249
7/12/23 5:30		87	490	213249
7/12/23 6:00		86	490	213249
7/12/23 6:30		86	490	213249
7/12/23 7:00		86	490	213249
7/12/23 7:30		86	490	213249
7/12/23 8:00		86	490	213249
7/12/23 8:30		86	490	213249
7/12/23 9:00		86	491	213249
7/12/23 9:30		86	491	213249
7/12/23 10:00		86	491	213249
7/12/23 10:30		86	491	213249
7/12/23 11:00		87	490	213249
7/12/23 11:30		87	490	213249
7/12/23 12:00		87	490	213249
7/12/23 12:30		87	490	213249
7/12/23 13:00		87	490	213249
7/12/23 13:30		87	490	213249
7/12/23 14:00		87	490	213249
7/12/23 14:30		87	490	213249
7/12/23 15:00		87	490	213249
7/12/23 15:30		87	490	213249
7/12/23 16:00		87	490	213249
7/12/23 16:30		87	490	213249
7/12/23 17:00		87	490	213249
7/12/23 17:30		87	490	213249
7/12/23 18:00		88	490	213249
7/12/23 18:30		88	490	213249
7/12/23 19:00		88	490	213249
7/12/23 19:30		88	490	213249
7/12/23 20:00		88	490	213249
7/12/23 20:30		88	490	213249
7/12/23 21:00		-6	490	213249
7/12/23 21:30		88	490	213249
7/12/23 22:00		88	490	213249
7/12/23 22:30		88	490	213249
7/12/23 23:00		88	490	213249
7/12/23 23:30		88	490	213249
7/13/23 0:00		88	490	213249
7/13/23 0:30		88	490	213249
7/13/23 1:00		88	490	213249
7/13/23 1:30		87	490	213249
7/13/23 2:00		87	490	213249
7/13/23 2:30		87	490	213249
7/13/23 3:00		87	490	213249
7/13/23 3:30		87	490	213249
7/13/23 4:00		87	490	213249
7/13/23 4:30		87	490	213249
7/13/23 5:00		87	490	213249
7/13/23 5:30		87	490	213249
7/13/23 6:00		87	490	213249
7/13/23 6:30		87	490	213249
7/13/23 7:00		87	490	213249
7/13/23 7:30		87	490	213249
7/13/23 8:00		87	490	213249
7/13/23 8:30		87	490	213249
7/13/23 9:00		87	490	213249
7/13/23 9:30		87	490	213249
7/13/23 10:00		87	490	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/13/23 10:30		87	490	213249
7/13/23 11:00		87	490	213249
7/13/23 11:30		87	490	213249
7/13/23 12:00		87	490	213249
7/13/23 12:30		87	-6	213249
7/13/23 13:00		87	490	213249
7/13/23 13:30		87	490	213249
7/13/23 14:00		87	489	213249
7/13/23 14:30		88	489	213249
7/13/23 15:00		88	489	213249
7/13/23 15:30		88	489	213249
7/13/23 16:00		88	489	213249
7/13/23 16:30		88	489	213249
7/13/23 17:00		88	489	213249
7/13/23 17:30		88	489	213249
7/13/23 18:00		88	489	213249
7/13/23 18:30		88	489	213249
7/13/23 19:00		88	489	213249
7/13/23 19:30		88	489	213249
7/13/23 20:00		88	489	213249
7/13/23 20:30		88	489	213249
7/13/23 21:00		88	489	213249
7/13/23 21:30		88	489	213249
7/13/23 22:00		88	489	213249
7/13/23 22:30		88	489	213249
7/13/23 23:00		88	489	213249
7/13/23 23:30		88	489	213249
7/14/23 0:00		88	489	213249
7/14/23 0:30		88	489	213249
7/14/23 1:00		88	489	213249
7/14/23 1:30		88	489	213249
7/14/23 2:00		88	489	213249
7/14/23 2:30		88	489	213249
7/14/23 3:00		88	489	213249
7/14/23 3:30		88	489	213249
7/14/23 4:00		88	489	213249
7/14/23 4:30		88	489	213249
7/14/23 5:00		88	489	213249
7/14/23 5:30		88	489	213249
7/14/23 6:00		88	489	213249
7/14/23 6:30		88	489	213249
7/14/23 7:00		87	489	213249
7/14/23 7:30		87	489	213249
7/14/23 8:00		87	489	213249
7/14/23 8:30		87	489	213249
7/14/23 9:00		87	489	213249
7/14/23 9:30		87	489	213249
7/14/23 10:00		87	489	213249
7/14/23 10:30		87	489	213249
7/14/23 11:00		88	489	213249
7/14/23 11:30		88	489	213249
7/14/23 12:00		88	489	213249
7/14/23 12:30		88	489	213249
7/14/23 13:00		88	489	213249
7/14/23 13:30		88	489	213249
7/14/23 14:00		88	489	213249
7/14/23 14:30		88	489	213249
7/14/23 15:00		88	489	213249
7/14/23 15:30		88	489	213249
7/14/23 16:00		88	489	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/14/23 16:30		88	489	213249
7/14/23 17:00		88	489	213249
7/14/23 17:30		89	489	213249
7/14/23 18:00		89	489	213249
7/14/23 18:30		89	489	213249
7/14/23 19:00		89	489	213249
7/14/23 19:30		89	489	213249
7/14/23 20:00		89	489	213249
7/14/23 20:30		89	489	213249
7/14/23 21:00		89	489	213249
7/14/23 21:30		89	489	213249
7/14/23 22:00		89	489	213249
7/14/23 22:30		89	488	213249
7/14/23 23:00		89	488	213249
7/14/23 23:30		89	488	213249
7/15/23 0:00		89	489	213249
7/15/23 0:30		89	489	213249
7/15/23 1:00		89	489	213249
7/15/23 1:30		89	489	213249
7/15/23 2:00		88	489	213249
7/15/23 2:30		88	489	213249
7/15/23 3:00		88	489	213249
7/15/23 3:30		88	489	213249
7/15/23 4:00		88	489	213249
7/15/23 4:30		88	489	213249
7/15/23 5:00		88	489	213249
7/15/23 5:30		88	489	213249
7/15/23 6:00		88	488	213249
7/15/23 6:30		88	489	213249
7/15/23 7:00		88	488	213249
7/15/23 7:30		88	488	213249
7/15/23 8:00		88	488	213249
7/15/23 8:30		88	489	213249
7/15/23 9:00		88	489	213249
7/15/23 9:30		88	489	213249
7/15/23 10:00		88	489	213249
7/15/23 10:30		88	489	213249
7/15/23 11:00		88	489	213249
7/15/23 11:30		88	489	213249
7/15/23 12:00		88	489	213249
7/15/23 12:30		88	488	213249
7/15/23 13:00		88	488	213249
7/15/23 13:30		88	488	213249
7/15/23 14:00		88	488	213249
7/15/23 14:30		88	488	213249
7/15/23 15:00		89	488	213249
7/15/23 15:30		89	488	213249
7/15/23 16:00		89	488	213249
7/15/23 16:30		89	488	213249
7/15/23 17:00		89	488	213249
7/15/23 17:30		89	488	213249
7/15/23 18:00		89	488	213249
7/15/23 18:30		89	488	213249
7/15/23 19:00		89	488	213249
7/15/23 19:30		89	488	213249
7/15/23 20:00		89	488	213249
7/15/23 20:30		89	488	213249
7/15/23 21:00		89	488	213249
7/15/23 21:30		89	488	213249
7/15/23 22:00		89	488	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/15/23 22:30		89	488	213249
7/15/23 23:00		89	488	213249
7/15/23 23:30		89	488	213249
7/16/23 0:00		89	488	213249
7/16/23 0:30		89	488	213249
7/16/23 1:00		89	488	213249
7/16/23 1:30		89	488	213249
7/16/23 2:00		89	488	213249
7/16/23 2:30		89	488	213249
7/16/23 3:00		89	488	213249
7/16/23 3:30		89	488	213249
7/16/23 4:00		89	488	213249
7/16/23 4:30		89	488	213249
7/16/23 5:00		89	488	213249
7/16/23 5:30		89	488	213249
7/16/23 6:00		89	488	213249
7/16/23 6:30		88	488	213249
7/16/23 7:00		88	488	213249
7/16/23 7:30		88	488	213249
7/16/23 8:00		88	488	213249
7/16/23 8:30		88	488	213249
7/16/23 9:00		88	488	213249
7/16/23 9:30		88	488	213249
7/16/23 10:00		88	488	213249
7/16/23 10:30		88	488	213249
7/16/23 11:00		88	488	213249
7/16/23 11:30		-6	-6	213249
7/16/23 12:00		88	488	213249
7/16/23 12:30		89	488	213249
7/16/23 13:00		89	488	213249
7/16/23 13:30		89	488	213249
7/16/23 14:00		89	488	213249
7/16/23 14:30		89	488	213249
7/16/23 15:00		89	488	213249
7/16/23 15:30		89	488	213249
7/16/23 16:00		89	488	213249
7/16/23 16:30		89	488	213249
7/16/23 17:00		89	488	213249
7/16/23 17:30		89	488	213249
7/16/23 18:00		89	488	213249
7/16/23 18:30		89	488	213249
7/16/23 19:00		90	488	213249
7/16/23 19:30		90	488	213249
7/16/23 20:00		90	488	213249
7/16/23 20:30		90	488	213249
7/16/23 21:00		90	487	213249
7/16/23 21:30		90	487	213249
7/16/23 22:00		90	487	213249
7/16/23 22:30		90	487	213249
7/16/23 23:00		90	487	213249
7/16/23 23:30		90	487	213249
7/17/23 0:00		90	487	213249
7/17/23 0:30		90	488	213249
7/17/23 1:00		90	488	213249
7/17/23 1:30		90	488	213249
7/17/23 2:00		89	487	213249
7/17/23 2:30		89	488	213249
7/17/23 3:00		89	487	213249
7/17/23 3:30		89	487	213249
7/17/23 4:00		89	488	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/17/23 4:30		89	487	213249
7/17/23 5:00		89	487	213249
7/17/23 5:30		89	487	213249
7/17/23 6:00		89	487	213249
7/17/23 6:30		89	487	213249
7/17/23 7:00		89	487	213249
7/17/23 7:30		89	487	213249
7/17/23 8:00		89	487	213249
7/17/23 8:30		89	487	213249
7/17/23 9:00		89	488	213249
7/17/23 9:30		89	488	213249
7/17/23 10:00		89	488	213249
7/17/23 10:30		89	488	213249
7/17/23 11:00		89	488	213249
7/17/23 11:30		89	487	213249
7/17/23 12:00		89	487	213249
7/17/23 12:30		89	487	213249
7/17/23 13:00		89	487	213249
7/17/23 13:30		89	487	213249
7/17/23 14:00		89	487	213249
7/17/23 14:30		89	487	213249
7/17/23 15:00		89	487	213249
7/17/23 15:30		90	487	213249
7/17/23 16:00		90	487	213249
7/17/23 16:30		90	487	213249
7/17/23 17:00		90	487	213249
7/17/23 17:30		90	487	213249
7/17/23 18:00		90	487	213249
7/17/23 18:30		90	487	213249
7/17/23 19:00		90	487	213249
7/17/23 19:30		90	487	213249
7/17/23 20:00		90	487	213249
7/17/23 20:30		90	487	213249
7/17/23 21:00		90	487	213249
7/17/23 21:30		90	487	213249
7/17/23 22:00		90	487	213249
7/17/23 22:30		90	487	213249
7/17/23 23:00		90	487	213249
7/17/23 23:30		90	487	213249
7/18/23 0:00		90	487	213249
7/18/23 0:30		90	487	213249
7/18/23 1:00		90	487	213249
7/18/23 1:30		90	487	213249
7/18/23 2:00		90	487	213249
7/18/23 2:30		90	487	213249
7/18/23 3:00		90	487	213249
7/18/23 3:30		90	487	213249
7/18/23 4:00		90	487	213249
7/18/23 4:30		90	487	213249
7/18/23 5:00		90	487	213249
7/18/23 5:30		90	487	213249
7/18/23 6:00		90	487	213249
7/18/23 6:30		89	487	213249
7/18/23 7:00		89	487	213249
7/18/23 7:30		89	487	213249
7/18/23 8:00		89	487	213249
7/18/23 8:30		89	487	213249
7/18/23 9:00		89	-6	213249
7/18/23 9:30		89	487	213249
7/18/23 10:00		89	487	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/18/23 10:30		89	487	213249
7/18/23 11:00		89	487	213249
7/18/23 11:30		90	487	213249
7/18/23 12:00		90	487	213249
7/18/23 12:30		90	487	213249
7/18/23 13:00		90	487	213249
7/18/23 13:30		90	487	213249
7/18/23 14:00		90	487	213249
7/18/23 14:30		90	487	213249
7/18/23 15:00		90	487	213249
7/18/23 15:30		90	487	213249
7/18/23 16:00		90	487	213249
7/18/23 16:30		90	486	213249
7/18/23 17:00		90	487	213249
7/18/23 17:30		91	487	213249
7/18/23 18:00		91	486	213249
7/18/23 18:30		91	486	213249
7/18/23 19:00		91	486	213249
7/18/23 19:30		91	487	213249
7/18/23 20:00		91	486	213249
7/18/23 20:30		91	486	213249
7/18/23 21:00		91	486	213249
7/18/23 21:30		91	486	213249
7/18/23 22:00		91	486	213249
7/18/23 22:30		91	486	213249
7/18/23 23:00		91	486	213249
7/18/23 23:30		91	486	213249
7/19/23 0:00		91	487	213249
7/19/23 0:30		91	486	213249
7/19/23 1:00		91	486	213249
7/19/23 1:30		91	486	213249
7/19/23 2:00		90	486	213249
7/19/23 2:30		90	486	213249
7/19/23 3:00		90	486	213249
7/19/23 3:30		90	486	213249
7/19/23 4:00		90	486	213249
7/19/23 4:30		90	486	213249
7/19/23 5:00		90	486	213249
7/19/23 5:30		90	486	213249
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7/19/23 6:30		90	486	213249
7/19/23 7:00		90	486	213249
7/19/23 7:30		90	486	213249
7/19/23 8:00		90	486	213249
7/19/23 8:30		90	-6	213249
7/19/23 9:00		90	486	213249
7/19/23 9:30		90	486	213249
7/19/23 10:00		90	487	213249
7/19/23 10:30		90	486	213249
7/19/23 11:00		90	486	213249
7/19/23 11:30		90	486	213249
7/19/23 12:00		90	487	213249
7/19/23 12:30		90	487	213249
7/19/23 13:00		90	486	213249
7/19/23 13:30		90	486	213249
7/19/23 14:00		90	486	213249
7/19/23 14:30		91	486	213249
7/19/23 15:00		91	486	213249
7/19/23 15:30		91	486	213249
7/19/23 16:00		91	486	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/19/23 16:30		91	486	213249
7/19/23 17:00		91	486	213249
7/19/23 17:30		91	486	213249
7/19/23 18:00		91	486	213249
7/19/23 18:30		91	486	213249
7/19/23 19:00		91	486	213249
7/19/23 19:30		91	486	213249
7/19/23 20:00		91	486	213249
7/19/23 20:30		91	486	213249
7/19/23 21:00		91	486	213249
7/19/23 21:30		91	486	213249
7/19/23 22:00		91	486	213249
7/19/23 22:30		91	486	213249
7/19/23 23:00		91	486	213249
7/19/23 23:30		91	486	213249
7/20/23 0:00		91	486	213249
7/20/23 0:30		91	486	213249
7/20/23 1:00		91	486	213249
7/20/23 1:30		91	486	213249
7/20/23 2:00		91	486	213249
7/20/23 2:30		91	486	213249
7/20/23 3:00		91	486	213249
7/20/23 3:30		91	486	213249
7/20/23 4:00		91	486	213249
7/20/23 4:30		91	486	213249
7/20/23 5:00		-6	-6	213249
7/20/23 5:30		91	486	213249
7/20/23 6:00		91	486	213249
7/20/23 6:30		90	486	213249
7/20/23 7:00		90	486	213249
7/20/23 7:30		91	486	213249
7/20/23 8:00		90	486	213249
7/20/23 8:30		91	486	213249
7/20/23 9:00		90	486	213249
7/20/23 9:30		90	486	213249
7/20/23 10:00		90	486	213249
7/20/23 10:30		91	486	213249
7/20/23 11:00		91	486	213249
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7/20/23 12:00		91	486	213249
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7/20/23 14:00		91	486	213249
7/20/23 14:30		91	486	213249
7/20/23 15:00		91	486	213249
7/20/23 15:30		91	486	213249
7/20/23 16:00		91	486	213249
7/20/23 16:30		91	485	213249
7/20/23 17:00		91	486	213249
7/20/23 17:30		91	486	213249
7/20/23 18:00		92	486	213249
7/20/23 18:30		92	486	213249
7/20/23 19:00		92	486	213249
7/20/23 19:30		92	485	213249
7/20/23 20:00		92	485	213249
7/20/23 20:30		92	485	213249
7/20/23 21:00		92	485	213249
7/20/23 21:30		92	486	213249
7/20/23 22:00		92	485	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/20/23 22:30		92	485	213249
7/20/23 23:00		92	485	213249
7/20/23 23:30		92	485	213249
7/21/23 0:00		92	486	213249
7/21/23 0:30		91	486	213249
7/21/23 1:00		91	486	213249
7/21/23 1:30		91	485	213249
7/21/23 2:00		91	486	213249
7/21/23 2:30		91	486	213249
7/21/23 3:00		91	485	213249
7/21/23 3:30		91	486	213249
7/21/23 4:00		91	485	213249
7/21/23 4:30		91	485	213249
7/21/23 5:00		91	485	213249
7/21/23 5:30		91	485	213249
7/21/23 6:00		91	485	213249
7/21/23 6:30		91	485	213249
7/21/23 7:00		91	485	213249
7/21/23 7:30		91	485	213249
7/21/23 8:00		91	485	213249
7/21/23 8:30		91	485	213249
7/21/23 9:00		91	486	213249
7/21/23 9:30		91	486	213249
7/21/23 10:00		91	486	213249
7/21/23 10:30		91	486	213249
7/21/23 11:00		91	486	213249
7/21/23 11:30		91	486	213249
7/21/23 12:00		91	486	213249
7/21/23 12:30		91	485	213249
7/21/23 13:00		91	485	213249
7/21/23 13:30		91	486	213249
7/21/23 14:00		91	485	213249
7/21/23 14:30		91	485	213249
7/21/23 15:00		91	485	213249
7/21/23 15:30		92	485	213249
7/21/23 16:00		92	485	213249
7/21/23 16:30		92	485	213249
7/21/23 17:00		92	485	213249
7/21/23 17:30		92	485	213249
7/21/23 18:00		92	485	213249
7/21/23 18:30		92	485	213249
7/21/23 19:00		92	485	213249
7/21/23 19:30		92	485	213249
7/21/23 20:00		92	485	213249
7/21/23 20:30		92	485	213249
7/21/23 21:00		92	485	213249
7/21/23 21:30		92	485	213249
7/21/23 22:00		-6	-6	213249
7/21/23 22:30		92	485	213249
7/21/23 23:00		92	485	213249
7/21/23 23:30		-6	-6	213249
7/22/23 0:00		92	485	213249
7/22/23 0:30		92	485	213249
7/22/23 1:00		92	485	213249
7/22/23 1:30		92	485	213249
7/22/23 2:00		92	485	213249
7/22/23 2:30		92	485	213249
7/22/23 3:00		92	485	213249
7/22/23 3:30		92	485	213249
7/22/23 4:00		92	485	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/22/23 4:30		92	485	213249
7/22/23 5:00		91	485	213249
7/22/23 5:30		91	485	213249
7/22/23 6:00		91	485	213249
7/22/23 6:30		91	485	213249
7/22/23 7:00		91	485	213249
7/22/23 7:30		91	485	213249
7/22/23 8:00		91	485	213249
7/22/23 8:30		91	485	213249
7/22/23 9:00		91	485	213249
7/22/23 9:30		91	485	213249
7/22/23 10:00		91	485	213249
7/22/23 10:30		91	485	213249
7/22/23 11:00		91	485	213249
7/22/23 11:30		91	485	213249
7/22/23 12:00		91	485	213249
7/22/23 12:30		91	485	213249
7/22/23 13:00		92	485	213249
7/22/23 13:30		92	485	213249
7/22/23 14:00		92	485	213249
7/22/23 14:30		92	485	213249
7/22/23 15:00		92	485	213249
7/22/23 15:30		92	485	213249
7/22/23 16:00		92	485	213249
7/22/23 16:30		92	485	213249
7/22/23 17:00		92	485	213249
7/22/23 17:30		92	485	213249
7/22/23 18:00		92	485	213249
7/22/23 18:30		92	485	213249
7/22/23 19:00		92	485	213249
7/22/23 19:30		92	484	213249
7/22/23 20:00		92	484	213249
7/22/23 20:30		92	485	213249
7/22/23 21:00		92	484	213249
7/22/23 21:30		92	484	213249
7/22/23 22:00		92	484	213249
7/22/23 22:30		92	484	213249
7/22/23 23:00		92	485	213249
7/22/23 23:30		92	485	213249
7/23/23 0:00		92	485	213249
7/23/23 0:30		92	485	213249
7/23/23 1:00		92	485	213249
7/23/23 1:30		92	485	213249
7/23/23 2:00		92	485	213249
7/23/23 2:30		92	485	213249
7/23/23 3:00		92	485	213249
7/23/23 3:30		92	485	213249
7/23/23 4:00		92	485	213249
7/23/23 4:30		92	485	213249
7/23/23 5:00		92	485	213249
7/23/23 5:30		92	485	213249
7/23/23 6:00		92	485	213249
7/23/23 6:30		92	485	213249
7/23/23 7:00		92	485	213249
7/23/23 7:30		92	485	213249
7/23/23 8:00		92	484	213249
7/23/23 8:30		92	484	213249
7/23/23 9:00		92	485	213249
7/23/23 9:30		92	485	213249
7/23/23 10:00		92	485	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/23/23 10:30		92	485	213249
7/23/23 11:00		92	485	213249
7/23/23 11:30		92	485	213249
7/23/23 12:00		92	485	213249
7/23/23 12:30		92	485	213249
7/23/23 13:00		92	485	213249
7/23/23 13:30		92	485	213249
7/23/23 14:00		92	484	213249
7/23/23 14:30		92	484	213249
7/23/23 15:00		92	484	213249
7/23/23 15:30		92	485	213249
7/23/23 16:00		92	484	213249
7/23/23 16:30		92	484	213249
7/23/23 17:00		92	484	213249
7/23/23 17:30		93	484	213249
7/23/23 18:00		93	484	213249
7/23/23 18:30		93	484	213249
7/23/23 19:00		93	484	213249
7/23/23 19:30		93	484	213249
7/23/23 20:00		93	484	213249
7/23/23 20:30		93	484	213249
7/23/23 21:00		93	484	213249
7/23/23 21:30		93	484	213249
7/23/23 22:00		93	484	213249
7/23/23 22:30		93	484	213249
7/23/23 23:00		93	484	213249
7/23/23 23:30		93	484	213249
7/24/23 0:00		93	484	213249
7/24/23 0:30		93	484	213249
7/24/23 1:00		93	484	213249
7/24/23 1:30		93	484	213249
7/24/23 2:00		92	484	213249
7/24/23 2:30		92	484	213249
7/24/23 3:00		92	484	213249
7/24/23 3:30		92	484	213249
7/24/23 4:00		92	484	213249
7/24/23 4:30		92	484	213249
7/24/23 5:00		92	484	213249
7/24/23 5:30		92	484	213249
7/24/23 6:00		92	484	213249
7/24/23 6:30		92	484	213249
7/24/23 7:00		92	484	213249
7/24/23 7:30		92	484	213249
7/24/23 8:00		92	484	213249
7/24/23 8:30		92	484	213249
7/24/23 9:00		92	484	213249
7/24/23 9:30		92	484	213249
7/24/23 10:00		92	485	213249
7/24/23 10:30		92	484	213249
7/24/23 11:00		92	484	213249
7/24/23 11:30		92	484	213249
7/24/23 12:00		92	484	213249
7/24/23 12:30		92	484	213249
7/24/23 13:00		92	484	213249
7/24/23 13:30		92	484	213249
7/24/23 14:00		92	484	213249
7/24/23 14:30		93	484	213249
7/24/23 15:00		93	484	213249
7/24/23 15:30		93	484	213249
7/24/23 16:00		93	484	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/24/23 16:30		93	484	213249
7/24/23 17:00		93	484	213249
7/24/23 17:30		93	484	213249
7/24/23 18:00		93	484	213249
7/24/23 18:30		93	484	213249
7/24/23 19:00		93	484	213249
7/24/23 19:30		93	484	213249
7/24/23 20:00		93	484	213249
7/24/23 20:30		93	484	213249
7/24/23 21:00		93	484	213249
7/24/23 21:30		93	484	213249
7/24/23 22:00		93	484	213249
7/24/23 22:30		93	483	213249
7/24/23 23:00		93	484	213249
7/24/23 23:30		93	484	213249
7/25/23 0:00		93	484	213249
7/25/23 0:30		93	484	213249
7/25/23 1:00		93	484	213249
7/25/23 1:30		93	484	213249
7/25/23 2:00		93	484	213249
7/25/23 2:30		93	484	213249
7/25/23 3:00		93	484	213249
7/25/23 3:30		93	484	213249
7/25/23 4:00		93	484	213249
7/25/23 4:30		93	484	213249
7/25/23 5:00		93	484	213249
7/25/23 5:30		93	484	213249
7/25/23 6:00		93	484	213249
7/25/23 6:30		93	484	213249
7/25/23 7:00		93	484	213249
7/25/23 7:30		93	484	213249
7/25/23 8:00		92	484	213249
7/25/23 8:30		92	484	213249
7/25/23 9:00		92	484	213249
7/25/23 9:30		92	484	213249
7/25/23 10:00		92	484	213249
7/25/23 10:30		92	484	213249
7/25/23 11:00		92	484	213249
7/25/23 11:30		92	484	213249
7/25/23 12:00		93	484	213249
7/25/23 12:30		93	484	213249
7/25/23 13:00		93	484	213249
7/25/23 13:30		93	484	213249
7/25/23 14:00		93	484	213249
7/25/23 14:30		93	-6	213249
7/25/23 15:00		93	483	213249
7/25/23 15:30		93	484	213249
7/25/23 16:00		93	483	213249
7/25/23 16:30		93	483	213249
7/25/23 17:00		93	484	213249
7/25/23 17:30		93	483	213249
7/25/23 18:00		93	484	213249
7/25/23 18:30		93	-6	213249
7/25/23 19:00		93	483	213249
7/25/23 19:30		93	483	213249
7/25/23 20:00		94	483	213249
7/25/23 20:30		94	483	213249
7/25/23 21:00		94	483	213249
7/25/23 21:30		94	483	213249
7/25/23 22:00		94	483	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/25/23 22:30		94	483	213249
7/25/23 23:00		94	483	213249
7/25/23 23:30		94	483	213249
7/26/23 0:00		94	483	213249
7/26/23 0:30		93	483	213249
7/26/23 1:00		93	483	213249
7/26/23 1:30		93	483	213249
7/26/23 2:00		93	483	213249
7/26/23 2:30		93	483	213249
7/26/23 3:00		93	483	213249
7/26/23 3:30		93	483	213249
7/26/23 4:00		93	483	213249
7/26/23 4:30		93	483	213249
7/26/23 5:00		93	483	213249
7/26/23 5:30		93	483	213249
7/26/23 6:00		93	483	213249
7/26/23 6:30		93	483	213249
7/26/23 7:00		93	483	213249
7/26/23 7:30		93	483	213249
7/26/23 8:00		93	483	213249
7/26/23 8:30		93	483	213249
7/26/23 9:00		93	483	213249
7/26/23 9:30		93	483	213249
7/26/23 10:00		93	483	213249
7/26/23 10:30		93	483	213249
7/26/23 11:00		93	483	213249
7/26/23 11:30		93	483	213249
7/26/23 12:00		93	483	213249
7/26/23 12:30		93	484	213249
7/26/23 13:00		93	483	213249
7/26/23 13:30		93	483	213249
7/26/23 14:00		93	483	213249
7/26/23 14:30		93	483	213249
7/26/23 15:00		-6	-6	213249
7/26/23 15:30		93	483	213249
7/26/23 16:00		93	483	213249
7/26/23 16:30		93	-6	213249
7/26/23 17:00		94	483	213249
7/26/23 17:30		94	483	213249
7/26/23 18:00		94	483	213249
7/26/23 18:30		94	483	213249
7/26/23 19:00		94	483	213249
7/26/23 19:30		94	483	213249
7/26/23 20:00		94	483	213249
7/26/23 20:30		94	483	213249
7/26/23 21:00		94	482	213249
7/26/23 21:30		94	483	213249
7/26/23 22:00		94	483	213249
7/26/23 22:30		94	483	213249
7/26/23 23:00		94	483	213249
7/26/23 23:30		94	483	213249
7/27/23 0:00		94	483	213249
7/27/23 0:30		94	483	213249
7/27/23 1:00		94	483	213249
7/27/23 1:30		94	483	213249
7/27/23 2:00		94	483	213249
7/27/23 2:30		93	483	213249
7/27/23 3:00		94	483	213249
7/27/23 3:30		93	483	213249
7/27/23 4:00		93	483	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/27/23 4:30		93	483	213249
7/27/23 5:00		93	483	213249
7/27/23 5:30		93	483	213249
7/27/23 6:00		93	483	213249
7/27/23 6:30		93	483	213249
7/27/23 7:00		93	483	213249
7/27/23 7:30		93	483	213249
7/27/23 8:00		93	483	213249
7/27/23 8:30		93	483	213249
7/27/23 9:00		93	483	213249
7/27/23 9:30		93	483	213249
7/27/23 10:00		93	483	213249
7/27/23 10:30		93	483	213249
7/27/23 11:00		93	483	213249
7/27/23 11:30		93	483	213249
7/27/23 12:00		93	483	213249
7/27/23 12:30		93	483	213249
7/27/23 13:00		93	483	213249
7/27/23 13:30		93	-6	213249
7/27/23 14:00		93	483	213249
7/27/23 14:30		94	483	213249
7/27/23 15:00		94	483	213249
7/27/23 15:30		94	-6	213249
7/27/23 16:00		94	483	213249
7/27/23 16:30		94	483	213249
7/27/23 17:00		94	483	213249
7/27/23 17:30		94	483	213249
7/27/23 18:00		94	483	213249
7/27/23 18:30		94	483	213249
7/27/23 19:00		94	482	213249
7/27/23 19:30		94	483	213249
7/27/23 20:00		94	482	213249
7/27/23 20:30		94	482	213249
7/27/23 21:00		94	482	213249
7/27/23 21:30		94	482	213249
7/27/23 22:00		94	482	213249
7/27/23 22:30		94	482	213249
7/27/23 23:00		94	482	213249
7/27/23 23:30		94	482	213249
7/28/23 0:00		94	483	213249
7/28/23 0:30		94	483	213249
7/28/23 1:00		94	483	213249
7/28/23 1:30		94	483	213249
7/28/23 2:00		94	482	213249
7/28/23 2:30		94	483	213249
7/28/23 3:00		94	482	213249
7/28/23 3:30		94	483	213249
7/28/23 4:00		94	483	213249
7/28/23 4:30		94	482	213249
7/28/23 5:00		94	482	213249
7/28/23 5:30		94	-6	213249
7/28/23 6:00		94	482	213249
7/28/23 6:30		93	482	213249
7/28/23 7:00		93	482	213249
7/28/23 7:30		93	482	213249
7/28/23 8:00		93	482	213249
7/28/23 8:30		93	482	213249
7/28/23 9:00		93	482	213249
7/28/23 9:30		93	483	213249
7/28/23 10:00		93	483	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/28/23 10:30		93	483	213249
7/28/23 11:00		93	483	213249
7/28/23 11:30		93	483	213249
7/28/23 12:00		94	482	213249
7/28/23 12:30		94	483	213249
7/28/23 13:00		94	482	213249
7/28/23 13:30		94	482	213249
7/28/23 14:00		94	482	213249
7/28/23 14:30		94	482	213249
7/28/23 15:00		94	482	213249
7/28/23 15:30		94	482	213249
7/28/23 16:00		94	482	213249
7/28/23 16:30		94	482	213249
7/28/23 17:00		94	482	213249
7/28/23 17:30		94	482	213249
7/28/23 18:00		94	482	213249
7/28/23 18:30		94	482	213249
7/28/23 19:00		94	482	213249
7/28/23 19:30		95	482	213249
7/28/23 20:00		94	482	213249
7/28/23 20:30		95	482	213249
7/28/23 21:00		95	482	213249
7/28/23 21:30		95	482	213249
7/28/23 22:00		95	482	213249
7/28/23 22:30		95	482	213249
7/28/23 23:00		95	482	213249
7/28/23 23:30		94	-6	213249
7/29/23 0:00		94	482	213249
7/29/23 0:30		94	482	213249
7/29/23 1:00		94	482	213249
7/29/23 1:30		94	482	213249
7/29/23 2:00		94	482	213249
7/29/23 2:30		94	482	213249
7/29/23 3:00		94	482	213249
7/29/23 3:30		94	482	213249
7/29/23 4:00		94	482	213249
7/29/23 4:30		94	482	213249
7/29/23 5:00		94	-6	213249
7/29/23 5:30		94	482	213249
7/29/23 6:00		94	482	213249
7/29/23 6:30		94	482	213249
7/29/23 7:00		94	482	213249
7/29/23 7:30		94	482	213249
7/29/23 8:00		94	482	213249
7/29/23 8:30		94	482	213249
7/29/23 9:00		94	482	213249
7/29/23 9:30		94	482	213249
7/29/23 10:00		94	482	213249
7/29/23 10:30		94	482	213249
7/29/23 11:00		94	482	213249
7/29/23 11:30		94	482	213249
7/29/23 12:00		94	482	213249
7/29/23 12:30		94	482	213249
7/29/23 13:00		94	482	213249
7/29/23 13:30		94	482	213249
7/29/23 14:00		94	482	213249
7/29/23 14:30		94	482	213249
7/29/23 15:00		94	482	213249
7/29/23 15:30		94	482	213249
7/29/23 16:00		94	482	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/29/23 16:30		95	482	213249
7/29/23 17:00		95	482	213249
7/29/23 17:30		95	482	213249
7/29/23 18:00		95	482	213249
7/29/23 18:30		95	482	213249
7/29/23 19:00		95	482	213249
7/29/23 19:30		95	482	213249
7/29/23 20:00		95	482	213249
7/29/23 20:30		95	481	213249
7/29/23 21:00		95	482	213249
7/29/23 21:30		95	482	213249
7/29/23 22:00		95	482	213249
7/29/23 22:30		95	482	213249
7/29/23 23:00		95	482	213249
7/29/23 23:30		95	482	213249
7/30/23 0:00		95	482	213249
7/30/23 0:30		95	482	213249
7/30/23 1:00		95	482	213249
7/30/23 1:30		95	482	213249
7/30/23 2:00		95	482	213249
7/30/23 2:30		94	482	213249
7/30/23 3:00		94	482	213249
7/30/23 3:30		94	482	213249
7/30/23 4:00		94	482	213249
7/30/23 4:30		94	482	213249
7/30/23 5:00		94	482	213249
7/30/23 5:30		94	482	213249
7/30/23 6:00		94	482	213249
7/30/23 6:30		94	482	213249
7/30/23 7:00		94	482	213249
7/30/23 7:30		94	482	213249
7/30/23 8:00		94	482	213249
7/30/23 8:30		94	482	213249
7/30/23 9:00		94	482	213249
7/30/23 9:30		94	482	213249
7/30/23 10:00		94	482	213249
7/30/23 10:30		94	482	213249
7/30/23 11:00		94	-6	213249
7/30/23 11:30		94	482	213249
7/30/23 12:00		94	482	213249
7/30/23 12:30		94	482	213249
7/30/23 13:00		94	482	213249
7/30/23 13:30		94	482	213249
7/30/23 14:00		94	482	213249
7/30/23 14:30		95	481	213249
7/30/23 15:00		95	481	213249
7/30/23 15:30		95	482	213249
7/30/23 16:00		95	482	213249
7/30/23 16:30		95	482	213249
7/30/23 17:00		95	481	213249
7/30/23 17:30		95	481	213249
7/30/23 18:00		95	482	213249
7/30/23 18:30		95	482	213249
7/30/23 19:00		95	481	213249
7/30/23 19:30		95	480	213249
7/30/23 20:00		95	481	213249
7/30/23 20:30		95	481	213249
7/30/23 21:00		95	481	213249
7/30/23 21:30		95	482	213249
7/30/23 22:00		95	482	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/30/23 22:30		95	481	213249
7/30/23 23:00		95	481	213249
7/30/23 23:30		95	481	213249
7/31/23 0:00		94	481	213249
7/31/23 0:30		94	481	213249
7/31/23 1:00		95	481	213249
7/31/23 1:30		94	481	213249
7/31/23 2:00		94	481	213249
7/31/23 2:30		94	481	213249
7/31/23 3:00		94	481	213249
7/31/23 3:30		94	481	213249
7/31/23 4:00		94	481	213249
7/31/23 4:30		94	481	213249
7/31/23 5:00		94	481	213249
7/31/23 5:30		94	481	213249
7/31/23 6:00		94	481	213249
7/31/23 6:30		94	481	213249
7/31/23 7:00		94	481	213249
7/31/23 7:30		94	481	213249
7/31/23 8:00		94	481	213249
7/31/23 8:30		94	481	213249
7/31/23 9:00		94	481	213249
7/31/23 9:30		94	482	213249
7/31/23 10:00		94	482	213249
7/31/23 10:30		94	482	213249
7/31/23 11:00		94	481	213249
7/31/23 11:30		94	481	213249
7/31/23 12:00		94	481	213249
7/31/23 12:30		94	481	213249
7/31/23 13:00		94	481	213249
7/31/23 13:30		94	481	213249
7/31/23 14:00		94	481	213249
7/31/23 14:30		94	481	213249
7/31/23 15:00		95	481	213249
7/31/23 15:30		95	481	213249
7/31/23 16:00		95	481	213249
7/31/23 16:30		95	481	213249
7/31/23 17:00		95	481	213249
7/31/23 17:30		95	481	213249
7/31/23 18:00		95	481	213249
7/31/23 18:30		95	481	213249
7/31/23 19:00		95	481	213249
7/31/23 19:30		95	481	213249
7/31/23 20:00		95	481	213249
7/31/23 20:30		95	481	213249
7/31/23 21:00		95	481	213249
7/31/23 21:30		95	481	213249
7/31/23 22:00		95	481	213249
7/31/23 22:30		95	481	213249
7/31/23 23:00		95	481	213249
7/31/23 23:30		95	481	213249
8/1/23 0:00		95	481	213249
8/1/23 0:30		95	481	213249
8/1/23 1:00		95	481	213249
8/1/23 1:30		95	481	213249
8/1/23 2:00		95	481	213249
8/1/23 2:30		95	481	213249
8/1/23 3:00		95	481	213249
8/1/23 3:30		94	481	213249
8/1/23 4:00		94	481	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/1/23 4:30		94	481	213249
8/1/23 5:00		94	481	213249
8/1/23 5:30		94	481	213249
8/1/23 6:00		94	481	213249
8/1/23 6:30		94	481	213249
8/1/23 7:00		94	481	213249
8/1/23 7:30		94	481	213249
8/1/23 8:00		94	481	213249
8/1/23 8:30		94	481	213249
8/1/23 9:00		94	481	213249
8/1/23 9:30		94	481	213249
8/1/23 10:00		94	481	213249
8/1/23 10:30		94	482	213249
8/1/23 11:00		94	481	213249
8/1/23 11:30		94	481	213249
8/1/23 12:00		94	481	213249
8/1/23 12:30		94	481	213249
8/1/23 13:00		94	481	213249
8/1/23 13:30		95	481	213249
8/1/23 14:00		95	481	213249
8/1/23 14:30		95	481	213249
8/1/23 15:00		95	481	213249
8/1/23 15:30		95	481	213249
8/1/23 16:00		95	481	213249
8/1/23 16:30		95	481	213249
8/1/23 17:00		95	481	213249
8/1/23 17:30		95	480	213249
8/1/23 18:00		95	480	213249
8/1/23 18:30		95	480	213249
8/1/23 19:00		95	481	213249
8/1/23 19:30		95	481	213249
8/1/23 20:00		95	481	213249
8/1/23 20:30		95	481	213249
8/1/23 21:00		95	480	213249
8/1/23 21:30		95	480	213249
8/1/23 22:00		95	481	213249
8/1/23 22:30		95	481	213249
8/1/23 23:00		95	481	213249
8/1/23 23:30		95	481	213249
8/2/23 0:00		95	481	213249
8/2/23 0:30		95	481	213249
8/2/23 1:00		95	481	213249
8/2/23 1:30		95	481	213249
8/2/23 2:00		95	481	213249
8/2/23 2:30		95	481	213249
8/2/23 3:00		95	481	213249
8/2/23 3:30		95	481	213249
8/2/23 4:00		95	481	213249
8/2/23 4:30		95	481	213249
8/2/23 5:00		95	481	213249
8/2/23 5:30		95	481	213249
8/2/23 6:00		95	481	213249
8/2/23 6:30		95	481	213249
8/2/23 7:00		95	481	213249
8/2/23 7:30		95	480	213249
8/2/23 8:00		95	480	213249
8/2/23 8:30		95	481	213249
8/2/23 9:00		95	481	213249
8/2/23 9:30		95	481	213249
8/2/23 10:00		95	481	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/2/23 10:30		95	481	213249
8/2/23 11:00		95	481	213249
8/2/23 11:30		95	481	213249
8/2/23 12:00		95	481	213249
8/2/23 12:30		95	481	213249
8/2/23 13:00		95	481	213249
8/2/23 13:30		-6	480	213249
8/2/23 14:00		95	480	213249
8/2/23 14:30		95	480	213249
8/2/23 15:00		95	480	213249
8/2/23 15:30		95	480	213249
8/2/23 16:00		95	481	213249
8/2/23 16:30		95	480	213249
8/2/23 17:00		95	480	213249
8/2/23 17:30		95	480	213249
8/2/23 18:00		96	480	213249
8/2/23 18:30		96	480	213249
8/2/23 19:00		96	480	213249
8/2/23 19:30		96	481	213249
8/2/23 20:00		96	481	213249
8/2/23 20:30		96	480	213249
8/2/23 21:00		96	480	213249
8/2/23 21:30		96	480	213249
8/2/23 22:00		96	480	213249
8/2/23 22:30		96	480	213249
8/2/23 23:00		95	480	213249
8/2/23 23:30		95	480	213249
8/3/23 0:00		95	480	213249
8/3/23 0:30		95	480	213249
8/3/23 1:00		95	480	213249
8/3/23 1:30		95	480	213249
8/3/23 2:00		95	480	213249
8/3/23 2:30		95	480	213249
8/3/23 3:00		95	480	213249
8/3/23 3:30		95	480	213249
8/3/23 4:00		95	480	213249
8/3/23 4:30		95	480	213249
8/3/23 5:00		95	480	213249
8/3/23 5:30		95	480	213249
8/3/23 6:00		95	480	213249
8/3/23 6:30		95	480	213249
8/3/23 7:00		95	480	213249
8/3/23 7:30		95	480	213249
8/3/23 8:00		95	480	213249
8/3/23 8:30		95	480	213249
8/3/23 9:00		95	480	213249
8/3/23 9:30		95	481	213249
8/3/23 10:00		95	481	213249
8/3/23 10:30		95	481	213249
8/3/23 11:00		95	480	213249
8/3/23 11:30		95	480	213249
8/3/23 12:00		95	480	213249
8/3/23 12:30		95	480	213249
8/3/23 13:00		95	480	213249
8/3/23 13:30		95	480	213249
8/3/23 14:00		95	480	213249
8/3/23 14:30		95	480	213249
8/3/23 15:00		95	480	213249
8/3/23 15:30		95	480	213249
8/3/23 16:00		95	480	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/3/23 16:30		95	480	213249
8/3/23 17:00		95	480	213249
8/3/23 17:30		96	480	213249
8/3/23 18:00		96	480	213249
8/3/23 18:30		96	480	213249
8/3/23 19:00		96	480	213249
8/3/23 19:30		96	480	213249
8/3/23 20:00		96	480	213249
8/3/23 20:30		96	480	213249
8/3/23 21:00		96	480	213249
8/3/23 21:30		96	480	213249
8/3/23 22:00		96	480	213249
8/3/23 22:30		96	480	213249
8/3/23 23:00		96	480	213249
8/3/23 23:30		96	480	213249
8/4/23 0:00		96	480	213249
8/4/23 0:30		96	480	213249
8/4/23 1:00		96	480	213249
8/4/23 1:30		95	480	213249
8/4/23 2:00		95	480	213249
8/4/23 2:30		95	480	213249
8/4/23 3:00		95	480	213249
8/4/23 3:30		95	480	213249
8/4/23 4:00		95	480	213249
8/4/23 4:30		95	480	213249
8/4/23 5:00		95	480	213249
8/4/23 5:30		95	480	213249
8/4/23 6:00		95	480	213249
8/4/23 6:30		95	480	213249
8/4/23 7:00		95	480	213249
8/4/23 7:30		95	480	213249
8/4/23 8:00		95	480	213249
8/4/23 8:30		95	480	213249
8/4/23 9:00		95	480	213249
8/4/23 9:30		95	480	213249
8/4/23 10:00		95	480	213249
8/4/23 10:30		95	480	213249
8/4/23 11:00		95	480	213249
8/4/23 11:30		95	480	213249
8/4/23 12:00		95	480	213249
8/4/23 12:30		95	480	213249
8/4/23 13:00		96	480	213249
8/4/23 13:30		96	480	213249
8/4/23 14:00		96	480	213249
8/4/23 14:30		96	480	213249
8/4/23 15:00		96	479	213249
8/4/23 15:30		96	479	213249
8/4/23 16:00		96	479	213249
8/4/23 16:30		96	479	213249
8/4/23 17:00		96	480	213249
8/4/23 17:30		96	480	213249
8/4/23 18:00		96	480	213249
8/4/23 18:30		97	480	213249
8/4/23 19:00		97	480	213249
8/4/23 19:30		97	480	213249
8/4/23 20:00		97	479	213249
8/4/23 20:30		97	480	213249
8/4/23 21:00		97	480	213249
8/4/23 21:30		97	479	213249
8/4/23 22:00		96	479	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/4/23 22:30		96	-6	213249
8/4/23 23:00		96	480	213249
8/4/23 23:30		96	480	213249
8/5/23 0:00		96	480	213249
8/5/23 0:30		96	480	213249
8/5/23 1:00		96	479	213249
8/5/23 1:30		96	480	213249
8/5/23 2:00		96	480	213249
8/5/23 2:30		95	480	213249
8/5/23 3:00		95	480	213249
8/5/23 3:30		95	479	213249
8/5/23 4:00		95	480	213249
8/5/23 4:30		95	480	213249
8/5/23 5:00		95	479	213249
8/5/23 5:30		95	480	213249
8/5/23 6:00		95	479	213249
8/5/23 6:30		95	480	213249
8/5/23 7:00		95	479	213249
8/5/23 7:30		95	480	213249
8/5/23 8:00		95	479	213249
8/5/23 8:30		95	480	213249
8/5/23 9:00		95	480	213249
8/5/23 9:30		95	480	213249
8/5/23 10:00		95	479	213249
8/5/23 10:30		95	480	213249
8/5/23 11:00		95	479	213249
8/5/23 11:30		95	479	213249
8/5/23 12:00		95	479	213249
8/5/23 12:30		95	479	213249
8/5/23 13:00		96	-6	213249
8/5/23 13:30		96	479	213249
8/5/23 14:00		96	479	213249
8/5/23 14:30		96	479	213249
8/5/23 15:00		96	480	213249
8/5/23 15:30		96	479	213249
8/5/23 16:00		96	479	213249
8/5/23 16:30		96	479	213249
8/5/23 17:00		96	479	213249
8/5/23 17:30		96	479	213249
8/5/23 18:00		96	479	213249
8/5/23 18:30		97	479	213249
8/5/23 19:00		97	479	213249
8/5/23 19:30		97	480	213249
8/5/23 20:00		97	479	213249
8/5/23 20:30		97	479	213249
8/5/23 21:00		97	479	213249
8/5/23 21:30		97	479	213249
8/5/23 22:00		97	479	213249
8/5/23 22:30		96	479	213249
8/5/23 23:00		96	479	213249
8/5/23 23:30		96	479	213249
8/6/23 0:00		96	479	213249
8/6/23 0:30		96	479	213249
8/6/23 1:00		96	480	213249
8/6/23 1:30		96	479	213249
8/6/23 2:00		96	480	213249
8/6/23 2:30		96	479	213249
8/6/23 3:00		95	480	213249
8/6/23 3:30		95	480	213249
8/6/23 4:00		95	479	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/6/23 4:30		95	479	213249
8/6/23 5:00		95	479	213249
8/6/23 5:30		95	479	213249
8/6/23 6:00		95	479	213249
8/6/23 6:30		95	479	213249
8/6/23 7:00		95	479	213249
8/6/23 7:30		95	479	213249
8/6/23 8:00		95	479	213249
8/6/23 8:30		94	479	213249
8/6/23 9:00		94	480	213249
8/6/23 9:30		-6	-6	213249
8/6/23 10:00		95	480	213249
8/6/23 10:30		95	479	213249
8/6/23 11:00		95	479	213249
8/6/23 11:30		95	479	213249
8/6/23 12:00		95	479	213249
8/6/23 12:30		95	479	213249
8/6/23 13:00		96	479	213249
8/6/23 13:30		96	479	213249
8/6/23 14:00		96	479	213249
8/6/23 14:30		96	479	213249
8/6/23 15:00		96	479	213249
8/6/23 15:30		96	479	213249
8/6/23 16:00		96	479	213249
8/6/23 16:30		96	479	213249
8/6/23 17:00		96	479	213249
8/6/23 17:30		96	479	213249
8/6/23 18:00		96	479	213249
8/6/23 18:30		96	479	213249
8/6/23 19:00		97	479	213249
8/6/23 19:30		97	479	213249
8/6/23 20:00		97	479	213249
8/6/23 20:30		97	479	213249
8/6/23 21:00		97	479	213249
8/6/23 21:30		97	479	213249
8/6/23 22:00		96	479	213249
8/6/23 22:30		96	479	213249
8/6/23 23:00		96	479	213249
8/6/23 23:30		96	479	213249
8/7/23 0:00		96	479	213249
8/7/23 0:30		96	479	213249
8/7/23 1:00		96	479	213249
8/7/23 1:30		96	479	213249
8/7/23 2:00		95	479	213249
8/7/23 2:30		95	479	213249
8/7/23 3:00		95	479	213249
8/7/23 3:30		95	479	213249
8/7/23 4:00		95	479	213249
8/7/23 4:30		95	479	213249
8/7/23 5:00		95	479	213249
8/7/23 5:30		95	479	213249
8/7/23 6:00		95	479	213249
8/7/23 6:30		95	478	213249
8/7/23 7:00		95	479	213249
8/7/23 7:30		95	478	213249
8/7/23 8:00		94	479	213249
8/7/23 8:30		94	479	213249
8/7/23 9:00		94	479	213249
8/7/23 9:30		94	479	213249
8/7/23 10:00		94	479	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/7/23 10:30		95	479	213249
8/7/23 11:00		95	479	213249
8/7/23 11:30		95	479	213249
8/7/23 12:00		95	479	213249
8/7/23 12:30		95	478	213249
8/7/23 13:00		95	478	213249
8/7/23 13:30		96	478	213249
8/7/23 14:00		96	478	213249
8/7/23 14:30		96	478	213249
8/7/23 15:00		96	479	213249
8/7/23 15:30		96	478	213249
8/7/23 16:00		96	479	213249
8/7/23 16:30		96	479	213249
8/7/23 17:00		96	479	213249
8/7/23 17:30		96	478	213249
8/7/23 18:00		96	479	213249
8/7/23 18:30		96	479	213249
8/7/23 19:00		96	479	213249
8/7/23 19:30		97	479	213249
8/7/23 20:00		97	478	213249
8/7/23 20:30		97	478	213249
8/7/23 21:00		97	479	213249
8/7/23 21:30		96	478	213249
8/7/23 22:00		96	479	213249
8/7/23 22:30		96	479	213249
8/7/23 23:00		96	479	213249
8/7/23 23:30		96	479	213249
8/8/23 0:00		96	479	213249
8/8/23 0:30		95	479	213249
8/8/23 1:00		95	478	213249
8/8/23 1:30		95	479	213249
8/8/23 2:00		95	479	213249
8/8/23 2:30		95	479	213249
8/8/23 3:00		95	479	213249
8/8/23 3:30		95	479	213249
8/8/23 4:00		95	479	213249
8/8/23 4:30		95	479	213249
8/8/23 5:00		95	478	213249
8/8/23 5:30		95	479	213249
8/8/23 6:00		95	479	213249
8/8/23 6:30		95	478	213249
8/8/23 7:00		95	478	213249
8/8/23 7:30		95	479	213249
8/8/23 8:00		95	478	213249
8/8/23 8:30		95	479	213249
8/8/23 9:00		95	479	213249
8/8/23 9:30		95	479	213249
8/8/23 10:00		95	479	213249
8/8/23 10:30		95	478	213249
8/8/23 11:00		95	478	213249
8/8/23 11:30		95	479	213249
8/8/23 12:00		95	478	213249
8/8/23 12:30		95	478	213249
8/8/23 13:00		96	478	213249
8/8/23 13:30		96	478	213249
8/8/23 14:00		96	478	213249
8/8/23 14:30		96	478	213249
8/8/23 15:00		96	479	213249
8/8/23 15:30		96	478	213249
8/8/23 16:00		96	477	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/8/23 16:30		96	479	213249
8/8/23 17:00		96	477	213249
8/8/23 17:30		95	479	213249
8/8/23 18:00		95	479	213249
8/8/23 18:30		95	479	213249
8/8/23 19:00		95	478	213249
8/8/23 19:30		95	479	213249
8/8/23 20:00		95	479	213249
8/8/23 20:30		96	478	213249
8/8/23 21:00		96	478	213249
8/8/23 21:30		96	478	213249
8/8/23 22:00		96	478	213249
8/8/23 22:30		96	478	213249
8/8/23 23:00		95	478	213249
8/8/23 23:30		95	478	213249
8/9/23 0:00		95	478	213249
8/9/23 0:30		95	478	213249
8/9/23 1:00		95	479	213249
8/9/23 1:30		95	478	213249
8/9/23 2:00		95	478	213249
8/9/23 2:30		95	479	213249
8/9/23 3:00		95	478	213249
8/9/23 3:30		95	478	213249
8/9/23 4:00		95	479	213249
8/9/23 4:30		95	479	213249
8/9/23 5:00		95	478	213249
8/9/23 5:30		95	479	213249
8/9/23 6:00		95	478	213249
8/9/23 6:30		94	-6	213249
8/9/23 7:00		94	479	213249
8/9/23 7:30		94	478	213249
8/9/23 8:00		94	478	213249
8/9/23 8:30		94	478	213249
8/9/23 9:00		94	479	213249
8/9/23 9:30		94	479	213249
8/9/23 10:00		94	479	213249
8/9/23 10:30		94	478	213249
8/9/23 11:00		95	478	213249
8/9/23 11:30		95	478	213249
8/9/23 12:00		95	478	213249
8/9/23 12:30		95	478	213249
8/9/23 13:00		95	478	213249
8/9/23 13:30		95	478	213249
8/9/23 14:00		95	478	213249
8/9/23 14:30		95	478	213249
8/9/23 15:00		96	478	213249
8/9/23 15:30		96	478	213249
8/9/23 16:00		96	478	213249
8/9/23 16:30		96	478	213249
8/9/23 17:00		96	478	213249
8/9/23 17:30		96	478	213249
8/9/23 18:00		96	478	213249
8/9/23 18:30		96	478	213249
8/9/23 19:00		96	478	213249
8/9/23 19:30		96	478	213249
8/9/23 20:00		96	478	213249
8/9/23 20:30		96	478	213249
8/9/23 21:00		96	478	213249
8/9/23 21:30		96	478	213249
8/9/23 22:00		96	478	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/9/23 22:30		96	478	213249
8/9/23 23:00		96	478	213249
8/9/23 23:30		96	478	213249
8/10/23 0:00		96	478	213249
8/10/23 0:30		96	478	213249
8/10/23 1:00		96	478	213249
8/10/23 1:30		95	478	213249
8/10/23 2:00		95	478	213249
8/10/23 2:30		95	478	213249
8/10/23 3:00		95	478	213249
8/10/23 3:30		95	478	213249
8/10/23 4:00		95	478	213249
8/10/23 4:30		95	478	213249
8/10/23 5:00		95	478	213249
8/10/23 5:30		95	478	213249
8/10/23 6:00		95	478	213249
8/10/23 6:30		95	478	213249
8/10/23 7:00		95	478	213249
8/10/23 7:30		95	478	213249
8/10/23 8:00		95	477	213249
8/10/23 8:30		95	478	213249
8/10/23 9:00		95	-6	213249
8/10/23 9:30		95	478	213249
8/10/23 10:00		95	478	213249
8/10/23 10:30		95	478	213249
8/10/23 11:00		95	478	213249
8/10/23 11:30		95	478	213249
8/10/23 12:00		95	-6	213249
8/10/23 12:30		95	-6	213249
8/10/23 13:00		96	477	213249
8/10/23 13:30		96	478	213249
8/10/23 14:00		96	478	213249
8/10/23 14:30		96	477	213249
8/10/23 15:00		96	478	213249
8/10/23 15:30		96	478	213249
8/10/23 16:00		96	479	213249
8/10/23 16:30		96	478	213249
8/10/23 17:00		96	477	213249
8/10/23 17:30		96	478	213249
8/10/23 18:00		96	478	213249
8/10/23 18:30		96	478	213249
8/10/23 19:00		96	478	213249
8/10/23 19:30		96	478	213249
8/10/23 20:00		96	478	213249
8/10/23 20:30		96	478	213249
8/10/23 21:00		96	478	213249
8/10/23 21:30		96	478	213249
8/10/23 22:00		96	478	213249
8/10/23 22:30		96	478	213249
8/10/23 23:00		96	478	213249
8/10/23 23:30		96	478	213249
8/11/23 0:00		96	478	213249
8/11/23 0:30		95	478	213249
8/11/23 1:00		95	478	213249
8/11/23 1:30		95	-6	213249
8/11/23 2:00		95	478	213249
8/11/23 2:30		95	478	213249
8/11/23 3:00		95	478	213249
8/11/23 3:30		95	478	213249
8/11/23 4:00		95	478	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/11/23 4:30		95	478	213249
8/11/23 5:00		95	478	213249
8/11/23 5:30		95	478	213249
8/11/23 6:00		95	478	213249
8/11/23 6:30		95	478	213249
8/11/23 7:00		95	478	213249
8/11/23 7:30		95	477	213249
8/11/23 8:00		95	478	213249
8/11/23 8:30		95	478	213249
8/11/23 9:00		95	478	213249
8/11/23 9:30		95	478	213249
8/11/23 10:00		95	478	213249
8/11/23 10:30		95	478	213249
8/11/23 11:00		95	477	213249
8/11/23 11:30		95	478	213249
8/11/23 12:00		95	477	213249
8/11/23 12:30		95	477	213249
8/11/23 13:00		96	477	213249
8/11/23 13:30		96	478	213249
8/11/23 14:00		96	477	213249
8/11/23 14:30		96	478	213249
8/11/23 15:00		96	477	213249
8/11/23 15:30		96	478	213249
8/11/23 16:00		96	-6	213249
8/11/23 16:30		96	477	213249
8/11/23 17:00		96	477	213249
8/11/23 17:30		96	478	213249
8/11/23 18:00		96	478	213249
8/11/23 18:30		96	478	213249
8/11/23 19:00		96	478	213249
8/11/23 19:30		96	477	213249
8/11/23 20:00		96	477	213249
8/11/23 20:30		96	477	213249
8/11/23 21:00		96	477	213249
8/11/23 21:30		96	477	213249
8/11/23 22:00		96	477	213249
8/11/23 22:30		96	478	213249
8/11/23 23:00		96	478	213249
8/11/23 23:30		96	478	213249
8/12/23 0:00		96	478	213249
8/12/23 0:30		96	-6	213249
8/12/23 1:00		96	477	213249
8/12/23 1:30		96	477	213249
8/12/23 2:00		95	477	213249
8/12/23 2:30		95	477	213249
8/12/23 3:00		95	477	213249
8/12/23 3:30		95	477	213249
8/12/23 4:00		95	478	213249
8/12/23 4:30		95	477	213249
8/12/23 5:00		95	478	213249
8/12/23 5:30		95	478	213249
8/12/23 6:00		95	477	213249
8/12/23 6:30		95	477	213249
8/12/23 7:00		95	478	213249
8/12/23 7:30		95	478	213249
8/12/23 8:00		95	477	213249
8/12/23 8:30		95	477	213249
8/12/23 9:00		95	477	213249
8/12/23 9:30		95	477	213249
8/12/23 10:00		95	477	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/12/23 10:30		95	478	213249
8/12/23 11:00		95	478	213249
8/12/23 11:30		95	478	213249
8/12/23 12:00		95	477	213249
8/12/23 12:30		95	-6	213249
8/12/23 13:00		95	477	213249
8/12/23 13:30		95	477	213249
8/12/23 14:00		95	477	213249
8/12/23 14:30		95	478	213249
8/12/23 15:00		96	477	213249
8/12/23 15:30		96	477	213249
8/12/23 16:00		96	477	213249
8/12/23 16:30		96	477	213249
8/12/23 17:00		96	477	213249
8/12/23 17:30		96	477	213249
8/12/23 18:00		96	477	213249
8/12/23 18:30		96	478	213249
8/12/23 19:00		96	477	213249
8/12/23 19:30		96	477	213249
8/12/23 20:00		96	477	213249
8/12/23 20:30		96	477	213249
8/12/23 21:00		96	476	213249
8/12/23 21:30		96	-6	213249
8/12/23 22:00		96	477	213249
8/12/23 22:30		96	477	213249
8/12/23 23:00		96	477	213249
8/12/23 23:30		96	477	213249
8/13/23 0:00		96	477	213249
8/13/23 0:30		96	477	213249
8/13/23 1:00		96	477	213249
8/13/23 1:30		96	477	213249
8/13/23 2:00		96	477	213249
8/13/23 2:30		-6	-6	213249
8/13/23 3:00		96	477	213249
8/13/23 3:30		96	477	213249
8/13/23 4:00		95	477	213249
8/13/23 4:30		95	477	213249
8/13/23 5:00		95	477	213249
8/13/23 5:30		95	477	213249
8/13/23 6:00		95	477	213249
8/13/23 6:30		95	477	213249
8/13/23 7:00		95	477	213249
8/13/23 7:30		95	477	213249
8/13/23 8:00		95	477	213249
8/13/23 8:30		95	477	213249
8/13/23 9:00		95	478	213249
8/13/23 9:30		95	477	213249
8/13/23 10:00		95	477	213249
8/13/23 10:30		95	477	213249
8/13/23 11:00		95	477	213249
8/13/23 11:30		95	477	213249
8/13/23 12:00		96	476	213249
8/13/23 12:30		96	477	213249
8/13/23 13:00		96	477	213249
8/13/23 13:30		96	476	213249
8/13/23 14:00		96	477	213249
8/13/23 14:30		96	477	213249
8/13/23 15:00		96	477	213249
8/13/23 15:30		96	476	213249
8/13/23 16:00		96	477	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/13/23 16:30		96	477	213249
8/13/23 17:00		97	477	213249
8/13/23 17:30		97	478	213249
8/13/23 18:00		97	477	213249
8/13/23 18:30		97	477	213249
8/13/23 19:00		97	477	213249
8/13/23 19:30		97	476	213249
8/13/23 20:00		97	477	213249
8/13/23 20:30		97	477	213249
8/13/23 21:00		97	477	213249
8/13/23 21:30		96	477	213249
8/13/23 22:00		96	477	213249
8/13/23 22:30		96	477	213249
8/13/23 23:00		96	477	213249
8/13/23 23:30		96	477	213249
8/14/23 0:00		96	-6	213249
8/14/23 0:30		96	477	213249
8/14/23 1:00		96	477	213249
8/14/23 1:30		96	477	213249
8/14/23 2:00		96	477	213249
8/14/23 2:30		96	477	213249
8/14/23 3:00		96	477	213249
8/14/23 3:30		96	477	213249
8/14/23 4:00		96	477	213249
8/14/23 4:30		96	477	213249
8/14/23 5:00		96	477	213249
8/14/23 5:30		96	477	213249
8/14/23 6:00		96	477	213249
8/14/23 6:30		96	477	213249
8/14/23 7:00		96	477	213249
8/14/23 7:30		96	477	213249
8/14/23 8:00		96	477	213249
8/14/23 8:30		96	477	213249
8/14/23 9:00		96	477	213249
8/14/23 9:30		96	477	213249
8/14/23 10:00		96	477	213249
8/14/23 10:30		96	477	213249
8/14/23 11:00		96	477	213249
8/14/23 11:30		96	477	213249
8/14/23 12:00		96	477	213249
8/14/23 12:30		96	477	213249
8/14/23 13:00		96	477	213249
8/14/23 13:30		96	476	213249
8/14/23 14:00		96	477	213249
8/14/23 14:30		96	476	213249
8/14/23 15:00		96	477	213249
8/14/23 15:30		96	476	213249
8/14/23 16:00		96	477	213249
8/14/23 16:30		96	477	213249
8/14/23 17:00		96	476	213249
8/14/23 17:30		96	476	213249
8/14/23 18:00		96	477	213249
8/14/23 18:30		96	477	213249
8/14/23 19:00		97	477	213249
8/14/23 19:30		96	476	213249
8/14/23 20:00		96	477	213249
8/14/23 20:30		96	476	213249
8/14/23 21:00		96	476	213249
8/14/23 21:30		96	477	213249
8/14/23 22:00		96	477	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/14/23 22:30		96	477	213249
8/14/23 23:00		96	477	213249
8/14/23 23:30		96	476	213249
8/15/23 0:00		96	477	213249
8/15/23 0:30		96	477	213249
8/15/23 1:00		96	477	213249
8/15/23 1:30		96	477	213249
8/15/23 2:00		96	476	213249
8/15/23 2:30		96	476	213249
8/15/23 3:00		96	477	213249
8/15/23 3:30		96	476	213249
8/15/23 4:00		96	476	213249
8/15/23 4:30		96	476	213249
8/15/23 5:00		96	476	213249
8/15/23 5:30		96	476	213249
8/15/23 6:00		95	476	213249
8/15/23 6:30		95	477	213249
8/15/23 7:00		95	477	213249
8/15/23 7:30		95	477	213249
8/15/23 8:00		95	476	213249
8/15/23 8:30		95	476	213249
8/15/23 9:00		95	477	213249
8/15/23 9:30		95	477	213249
8/15/23 10:00		95	476	213249
8/15/23 10:30		96	476	213249
8/15/23 11:00		96	476	213249
8/15/23 11:30		96	476	213249
8/15/23 12:00		96	476	213249
8/15/23 12:30		96	477	213249
8/15/23 13:00		96	476	213249
8/15/23 13:30		96	476	213249
8/15/23 14:00		97	476	213249
8/15/23 14:30		97	476	213249
8/15/23 15:00		97	476	213249
8/15/23 15:30		97	476	213249
8/15/23 16:00		97	476	213249
8/15/23 16:30		97	476	213249
8/15/23 17:00		97	476	213249
8/15/23 17:30		97	476	213249
8/15/23 18:00		97	476	213249
8/15/23 18:30		97	477	213249
8/15/23 19:00		97	476	213249
8/15/23 19:30		97	476	213249
8/15/23 20:00		97	477	213249
8/15/23 20:30		97	475	213249
8/15/23 21:00		97	476	213249
8/15/23 21:30		97	476	213249
8/15/23 22:00		97	476	213249
8/15/23 22:30		97	476	213249
8/15/23 23:00		97	476	213249
8/15/23 23:30		97	476	213249
8/16/23 0:00		96	476	213249
8/16/23 0:30		96	476	213249
8/16/23 1:00		96	476	213249
8/16/23 1:30		96	476	213249
8/16/23 2:00		96	476	213249
8/16/23 2:30		96	476	213249
8/16/23 3:00		96	476	213249
8/16/23 3:30		96	476	213249
8/16/23 4:00		-6	476	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/16/23 4:30		96	476	213249
8/16/23 5:00		96	476	213249
8/16/23 5:30		96	476	213249
8/16/23 6:00		96	476	213249
8/16/23 6:30		96	476	213249
8/16/23 7:00		96	476	213249
8/16/23 7:30		96	476	213249
8/16/23 8:00		96	476	213249
8/16/23 8:30		96	476	213249
8/16/23 9:00		96	476	213249
8/16/23 9:30		96	476	213249
8/16/23 10:00		96	476	213249
8/16/23 10:30		96	476	213249
8/16/23 11:00		96	476	213249
8/16/23 11:30		96	477	213249
8/16/23 12:00		96	476	213249
8/16/23 12:30		96	476	213249
8/16/23 13:00		97	475	213249
8/16/23 13:30		97	476	213249
8/16/23 14:00		97	475	213249
8/16/23 14:30		97	476	213249
8/16/23 15:00		97	476	213249
8/16/23 15:30		97	476	213249
8/16/23 16:00		97	476	213249
8/16/23 16:30		97	476	213249
8/16/23 17:00		97	476	213249
8/16/23 17:30		97	476	213249
8/16/23 18:00		97	476	213249
8/16/23 18:30		97	476	213249
8/16/23 19:00		97	476	213249
8/16/23 19:30		97	476	213249
8/16/23 20:00		97	476	213249
8/16/23 20:30		97	476	213249
8/16/23 21:00		97	476	213249
8/16/23 21:30		97	476	213249
8/16/23 22:00		97	476	213249
8/16/23 22:30		97	476	213249
8/16/23 23:00		97	476	213249
8/16/23 23:30		97	476	213249
8/17/23 0:00		97	476	213249
8/17/23 0:30		97	476	213249
8/17/23 1:00		97	476	213249
8/17/23 1:30		97	476	213249
8/17/23 2:00		96	476	213249
8/17/23 2:30		96	476	213249
8/17/23 3:00		96	476	213249
8/17/23 3:30		96	476	213249
8/17/23 4:00		96	476	213249
8/17/23 4:30		96	476	213249
8/17/23 5:00		96	476	213249
8/17/23 5:30		96	476	213249
8/17/23 6:00		96	476	213249
8/17/23 6:30		96	476	213249
8/17/23 7:00		96	476	213249
8/17/23 7:30		96	476	213249
8/17/23 8:00		96	476	213249
8/17/23 8:30		96	476	213249
8/17/23 9:00		96	477	213249
8/17/23 9:30		-6	-6	213249
8/17/23 10:00		96	476	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/17/23 10:30		96	476	213249
8/17/23 11:00		96	476	213249
8/17/23 11:30		96	476	213249
8/17/23 12:00		96	476	213249
8/17/23 12:30		97	476	213249
8/17/23 13:00		97	476	213249
8/17/23 13:30		97	476	213249
8/17/23 14:00		97	476	213249
8/17/23 14:30		97	476	213249
8/17/23 15:00		97	476	213249
8/17/23 15:30		97	476	213249
8/17/23 16:00		97	476	213249
8/17/23 16:30		97	475	213249
8/17/23 17:00		98	476	213249
8/17/23 17:30		98	475	213249
8/17/23 18:00		98	476	213249
8/17/23 18:30		97	476	213249
8/17/23 19:00		97	476	213249
8/17/23 19:30		97	476	213249
8/17/23 20:00		97	476	213249
8/17/23 20:30		97	476	213249
8/17/23 21:00		97	476	213249
8/17/23 21:30		97	476	213249
8/17/23 22:00		97	476	213249
8/17/23 22:30		97	476	213249
8/17/23 23:00		97	476	213249
8/17/23 23:30		97	476	213249
8/18/23 0:00		97	476	213249
8/18/23 0:30		97	476	213249
8/18/23 1:00		97	476	213249
8/18/23 1:30		97	476	213249
8/18/23 2:00		97	476	213249
8/18/23 2:30		97	476	213249
8/18/23 3:00		97	476	213249
8/18/23 3:30		97	476	213249
8/18/23 4:00		97	476	213249
8/18/23 4:30		97	476	213249
8/18/23 5:00		97	476	213249
8/18/23 5:30		96	476	213249
8/18/23 6:00		96	476	213249
8/18/23 6:30		96	476	213249
8/18/23 7:00		96	476	213249
8/18/23 7:30		96	476	213249
8/18/23 8:00		96	476	213249
8/18/23 8:30		96	476	213249
8/18/23 9:00		96	476	213249
8/18/23 9:30		96	476	213249
8/18/23 10:00		96	476	213249
8/18/23 10:30		96	476	213249
8/18/23 11:00		97	476	213249
8/18/23 11:30		97	476	213249
8/18/23 12:00		97	476	213249
8/18/23 12:30		97	476	213249
8/18/23 13:00		97	476	213249
8/18/23 13:30		97	476	213249
8/18/23 14:00		97	475	213249
8/18/23 14:30		97	475	213249
8/18/23 15:00		97	475	213249
8/18/23 15:30		97	475	213249
8/18/23 16:00		98	476	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/18/23 16:30		98	475	213249
8/18/23 17:00		98	475	213249
8/18/23 17:30		98	476	213249
8/18/23 18:00		98	475	213249
8/18/23 18:30		98	476	213249
8/18/23 19:00		98	476	213249
8/18/23 19:30		98	476	213249
8/18/23 20:00		98	476	213249
8/18/23 20:30		98	475	213249
8/18/23 21:00		98	475	213249
8/18/23 21:30		98	476	213249
8/18/23 22:00		97	476	213249
8/18/23 22:30		97	476	213249
8/18/23 23:00		97	476	213249
8/18/23 23:30		97	476	213249
8/19/23 0:00		97	476	213249
8/19/23 0:30		97	476	213249
8/19/23 1:00		97	476	213249
8/19/23 1:30		97	476	213249
8/19/23 2:00		97	476	213249
8/19/23 2:30		97	476	213249
8/19/23 3:00		97	476	213249
8/19/23 3:30		97	475	213249
8/19/23 4:00		97	475	213249
8/19/23 4:30		97	475	213249
8/19/23 5:00		97	475	213249
8/19/23 5:30		97	476	213249
8/19/23 6:00		97	475	213249
8/19/23 6:30		96	475	213249
8/19/23 7:00		96	475	213249
8/19/23 7:30		96	475	213249
8/19/23 8:00		96	475	213249
8/19/23 8:30		96	475	213249
8/19/23 9:00		96	476	213249
8/19/23 9:30		96	476	213249
8/19/23 10:00		96	476	213249
8/19/23 10:30		96	476	213249
8/19/23 11:00		97	475	213249
8/19/23 11:30		97	475	213249
8/19/23 12:00		97	475	213249
8/19/23 12:30		97	475	213249
8/19/23 13:00		97	475	213249
8/19/23 13:30		97	475	213249
8/19/23 14:00		97	475	213249
8/19/23 14:30		97	475	213249
8/19/23 15:00		98	475	213249
8/19/23 15:30		98	475	213249
8/19/23 16:00		98	475	213249
8/19/23 16:30		98	476	213249
8/19/23 17:00		98	475	213249
8/19/23 17:30		98	475	213249
8/19/23 18:00		98	475	213249
8/19/23 18:30		98	475	213249
8/19/23 19:00		98	476	213249
8/19/23 19:30		98	475	213249
8/19/23 20:00		98	475	213249
8/19/23 20:30		98	475	213249
8/19/23 21:00		98	475	213249
8/19/23 21:30		98	475	213249
8/19/23 22:00		98	475	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/19/23 22:30		98	475	213249
8/19/23 23:00		98	475	213249
8/19/23 23:30		98	475	213249
8/20/23 0:00		98	475	213249
8/20/23 0:30		98	475	213249
8/20/23 1:00		98	475	213249
8/20/23 1:30		97	475	213249
8/20/23 2:00		97	475	213249
8/20/23 2:30		97	475	213249
8/20/23 3:00		97	475	213249
8/20/23 3:30		97	475	213249
8/20/23 4:00		97	475	213249
8/20/23 4:30		97	-6	213249
8/20/23 5:00		97	475	213249
8/20/23 5:30		97	-6	213249
8/20/23 6:00		97	475	213249
8/20/23 6:30		97	475	213249
8/20/23 7:00		97	475	213249
8/20/23 7:30		97	475	213249
8/20/23 8:00		97	475	213249
8/20/23 8:30		97	475	213249
8/20/23 9:00		97	476	213249
8/20/23 9:30		97	475	213249
8/20/23 10:00		97	475	213249
8/20/23 10:30		97	475	213249
8/20/23 11:00		97	475	213249
8/20/23 11:30		97	475	213249
8/20/23 12:00		97	475	213249
8/20/23 12:30		98	475	213249
8/20/23 13:00		98	475	213249
8/20/23 13:30		98	475	213249
8/20/23 14:00		98	475	213249
8/20/23 14:30		98	475	213249
8/20/23 15:00		98	475	213249
8/20/23 15:30		98	475	213249
8/20/23 16:00		98	475	213249
8/20/23 16:30		98	475	213249
8/20/23 17:00		98	475	213249
8/20/23 17:30		98	475	213249
8/20/23 18:00		98	475	213249
8/20/23 18:30		98	475	213249
8/20/23 19:00		98	475	213249
8/20/23 19:30		98	475	213249
8/20/23 20:00		98	475	213249
8/20/23 20:30		98	475	213249
8/20/23 21:00		98	475	213249
8/20/23 21:30		98	475	213249
8/20/23 22:00		98	475	213249
8/20/23 22:30		98	475	213249
8/20/23 23:00		98	475	213249
8/20/23 23:30		98	475	213249
8/21/23 0:00		98	475	213249
8/21/23 0:30		98	475	213249
8/21/23 1:00		98	475	213249
8/21/23 1:30		98	475	213249
8/21/23 2:00		98	475	213249
8/21/23 2:30		98	475	213249
8/21/23 3:00		98	475	213249
8/21/23 3:30		97	475	213249
8/21/23 4:00		97	475	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/21/23 4:30		97	475	213249
8/21/23 5:00		97	475	213249
8/21/23 5:30		97	475	213249
8/21/23 6:00		97	475	213249
8/21/23 6:30		97	475	213249
8/21/23 7:00		97	475	213249
8/21/23 7:30		97	475	213249
8/21/23 8:00		97	475	213249
8/21/23 8:30		97	475	213249
8/21/23 9:00		97	475	213249
8/21/23 9:30		97	475	213249
8/21/23 10:00		97	475	213249
8/21/23 10:30		97	475	213249
8/21/23 11:00		97	475	213249
8/21/23 11:30		98	475	213249
8/21/23 12:00		98	475	213249
8/21/23 12:30		98	475	213249
8/21/23 13:00		98	475	213249
8/21/23 13:30		98	475	213249
8/21/23 14:00		98	475	213249
8/21/23 14:30		98	475	213249
8/21/23 15:00		98	475	213249
8/21/23 15:30		98	474	213249
8/21/23 16:00		98	475	213249
8/21/23 16:30		98	474	213249
8/21/23 17:00		99	474	213249
8/21/23 17:30		98	475	213249
8/21/23 18:00		99	475	213249
8/21/23 18:30		99	475	213249
8/21/23 19:00		99	475	213249
8/21/23 19:30		99	475	213249
8/21/23 20:00		99	475	213249
8/21/23 20:30		99	474	213249
8/21/23 21:00		99	475	213249
8/21/23 21:30		98	475	213249
8/21/23 22:00		98	475	213249
8/21/23 22:30		98	475	213249
8/21/23 23:00		98	475	213249
8/21/23 23:30		98	475	213249
8/22/23 0:00		98	475	213249
8/22/23 0:30		98	475	213249
8/22/23 1:00		98	475	213249
8/22/23 1:30		98	475	213249
8/22/23 2:00		98	475	213249
8/22/23 2:30		98	475	213249
8/22/23 3:00		98	475	213249
8/22/23 3:30		98	475	213249
8/22/23 4:00		98	475	213249
8/22/23 4:30		98	475	213249
8/22/23 5:00		98	475	213249
8/22/23 5:30		98	475	213249
8/22/23 6:00		98	475	213249
8/22/23 6:30		98	-6	213249
8/22/23 7:00		98	475	213249
8/22/23 7:30		97	475	213249
8/22/23 8:00		97	475	213249
8/22/23 8:30		97	475	213249
8/22/23 9:00		97	475	213249
8/22/23 9:30		97	475	213249
8/22/23 10:00		97	474	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/22/23 10:30		98	475	213249
8/22/23 11:00		98	474	213249
8/22/23 11:30		98	474	213249
8/22/23 12:00		98	474	213249
8/22/23 12:30		98	475	213249
8/22/23 13:00		98	-6	213249
8/22/23 13:30		98	474	213249
8/22/23 14:00		98	474	213249
8/22/23 14:30		98	475	213249
8/22/23 15:00		98	474	213249
8/22/23 15:30		98	474	213249
8/22/23 16:00		98	474	213249
8/22/23 16:30		98	474	213249
8/22/23 17:00		99	474	213249
8/22/23 17:30		99	475	213249
8/22/23 18:00		99	474	213249
8/22/23 18:30		99	-6	213249
8/22/23 19:00		99	474	213249
8/22/23 19:30		99	475	213249
8/22/23 20:00		99	474	213249
8/22/23 20:30		99	474	213249
8/22/23 21:00		99	475	213249
8/22/23 21:30		99	474	213249
8/22/23 22:00		98	474	213249
8/22/23 22:30		98	474	213249
8/22/23 23:00		98	475	213249
8/22/23 23:30		98	475	213249
8/23/23 0:00		98	475	213249
8/23/23 0:30		98	474	213249
8/23/23 1:00		98	475	213249
8/23/23 1:30		98	475	213249
8/23/23 2:00		98	474	213249
8/23/23 2:30		98	474	213249
8/23/23 3:00		98	474	213249
8/23/23 3:30		98	474	213249
8/23/23 4:00		98	474	213249
8/23/23 4:30		98	474	213249
8/23/23 5:00		98	474	213249
8/23/23 5:30		98	474	213249
8/23/23 6:00		98	474	213249
8/23/23 6:30		98	475	213249
8/23/23 7:00		98	475	213249
8/23/23 7:30		97	474	213249
8/23/23 8:00		97	474	213249
8/23/23 8:30		97	474	213249
8/23/23 9:00		97	475	213249
8/23/23 9:30		97	475	213249
8/23/23 10:00		97	474	213249
8/23/23 10:30		97	474	213249
8/23/23 11:00		97	475	213249
8/23/23 11:30		97	474	213249
8/23/23 12:00		98	475	213249
8/23/23 12:30		98	474	213249
8/23/23 13:00		98	474	213249
8/23/23 13:30		98	474	213249
8/23/23 14:00		98	474	213249
8/23/23 14:30		98	474	213249
8/23/23 15:00		98	474	213249
8/23/23 15:30		98	474	213249
8/23/23 16:00		98	474	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/23/23 16:30		98	474	213249
8/23/23 17:00		98	474	213249
8/23/23 17:30		98	473	213249
8/23/23 18:00		98	475	213249
8/23/23 18:30		98	474	213249
8/23/23 19:00		98	475	213249
8/23/23 19:30		98	474	213249
8/23/23 20:00		98	474	213249
8/23/23 20:30		98	474	213249
8/23/23 21:00		98	474	213249
8/23/23 21:30		98	474	213249
8/23/23 22:00		98	474	213249
8/23/23 22:30		98	474	213249
8/23/23 23:00		98	474	213249
8/23/23 23:30		98	474	213249
8/24/23 0:00		98	474	213249
8/24/23 0:30		98	474	213249
8/24/23 1:00		98	474	213249
8/24/23 1:30		98	474	213249
8/24/23 2:00		97	474	213249
8/24/23 2:30		97	474	213249
8/24/23 3:00		97	474	213249
8/24/23 3:30		97	474	213249
8/24/23 4:00		97	474	213249
8/24/23 4:30		97	474	213249
8/24/23 5:00		97	474	213249
8/24/23 5:30		97	474	213249
8/24/23 6:00		97	474	213249
8/24/23 6:30		97	474	213249
8/24/23 7:00		97	474	213249
8/24/23 7:30		97	474	213249
8/24/23 8:00		97	474	213249
8/24/23 8:30		97	474	213249
8/24/23 9:00		97	475	213249
8/24/23 9:30		97	475	213249
8/24/23 10:00		97	475	213249
8/24/23 10:30		97	-6	213249
8/24/23 11:00		97	473	213249
8/24/23 11:30		97	474	213249
8/24/23 12:00		97	474	213249
8/24/23 12:30		97	474	213249
8/24/23 13:00		97	474	213249
8/24/23 13:30		97	474	213249
8/24/23 14:00		98	474	213249
8/24/23 14:30		98	474	213249
8/24/23 15:00		98	474	213249
8/24/23 15:30		98	474	213249
8/24/23 16:00		98	474	213249
8/24/23 16:30		98	474	213249
8/24/23 17:00		98	474	213249
8/24/23 17:30		98	474	213249
8/24/23 18:00		98	474	213249
8/24/23 18:30		98	474	213249
8/24/23 19:00		98	474	213249
8/24/23 19:30		98	474	213249
8/24/23 20:00		98	473	213249
8/24/23 20:30		98	474	213249
8/24/23 21:00		98	474	213249
8/24/23 21:30		98	474	213249
8/24/23 22:00		98	474	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/24/23 22:30		98	474	213249
8/24/23 23:00		98	474	213249
8/24/23 23:30		98	474	213249
8/25/23 0:00		98	474	213249
8/25/23 0:30		98	474	213249
8/25/23 1:00		97	474	213249
8/25/23 1:30		97	474	213249
8/25/23 2:00		97	474	213249
8/25/23 2:30		97	474	213249
8/25/23 3:00		97	474	213249
8/25/23 3:30		97	474	213249
8/25/23 4:00		97	474	213249
8/25/23 4:30		-6	-6	213249
8/25/23 5:00		97	474	213249
8/25/23 5:30		97	474	213249
8/25/23 6:00		97	474	213249
8/25/23 6:30		97	474	213249
8/25/23 7:00		97	474	213249
8/25/23 7:30		97	474	213249
8/25/23 8:00		97	474	213249
8/25/23 8:30		97	474	213249
8/25/23 9:00		97	474	213249
8/25/23 9:30		97	474	213249
8/25/23 10:00		97	474	213249
8/25/23 10:30		97	474	213249
8/25/23 11:00		97	475	213249
8/25/23 11:30		97	474	213249
8/25/23 12:00		97	473	213249
8/25/23 12:30		98	474	213249
8/25/23 13:00		98	474	213249
8/25/23 13:30		98	474	213249
8/25/23 14:00		98	474	213249
8/25/23 14:30		-6	-6	213249
8/25/23 15:00		98	474	213249
8/25/23 15:30		98	473	213249
8/25/23 16:00		98	474	213249
8/25/23 16:30		98	473	213249
8/25/23 17:00		98	474	213249
8/25/23 17:30		98	474	213249
8/25/23 18:00		99	474	213249
8/25/23 18:30		99	473	213249
8/25/23 19:00		99	474	213249
8/25/23 19:30		99	-6	213249
8/25/23 20:00		99	474	213249
8/25/23 20:30		99	474	213249
8/25/23 21:00		99	474	213249
8/25/23 21:30		99	473	213249
8/25/23 22:00		99	474	213249
8/25/23 22:30		98	474	213249
8/25/23 23:00		98	474	213249
8/25/23 23:30		98	474	213249
8/26/23 0:00		98	474	213249
8/26/23 0:30		98	474	213249
8/26/23 1:00		98	474	213249
8/26/23 1:30		98	474	213249
8/26/23 2:00		98	474	213249
8/26/23 2:30		98	474	213249
8/26/23 3:00		98	474	213249
8/26/23 3:30		98	474	213249
8/26/23 4:00		98	474	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/26/23 4:30		98	474	213249
8/26/23 5:00		98	474	213249
8/26/23 5:30		98	474	213249
8/26/23 6:00		98	474	213249
8/26/23 6:30		98	474	213249
8/26/23 7:00		98	474	213249
8/26/23 7:30		98	474	213249
8/26/23 8:00		98	474	213249
8/26/23 8:30		97	474	213249
8/26/23 9:00		97	474	213249
8/26/23 9:30		97	-6	213249
8/26/23 10:00		98	-6	213249
8/26/23 10:30		98	473	213249
8/26/23 11:00		98	474	213249
8/26/23 11:30		98	473	213249
8/26/23 12:00		98	474	213249
8/26/23 12:30		98	473	213249
8/26/23 13:00		98	474	213249
8/26/23 13:30		98	473	213249
8/26/23 14:00		99	473	213249
8/26/23 14:30		99	474	213249
8/26/23 15:00		99	474	213249
8/26/23 15:30		99	473	213249
8/26/23 16:00		99	473	213249
8/26/23 16:30		99	473	213249
8/26/23 17:00		99	474	213249
8/26/23 17:30		99	474	213249
8/26/23 18:00		99	474	213249
8/26/23 18:30		99	474	213249
8/26/23 19:00		99	474	213249
8/26/23 19:30		99	-6	213249
8/26/23 20:00		99	473	213249
8/26/23 20:30		99	474	213249
8/26/23 21:00		99	473	213249
8/26/23 21:30		99	-6	213249
8/26/23 22:00		99	474	213249
8/26/23 22:30		99	474	213249
8/26/23 23:00		99	474	213249
8/26/23 23:30		99	474	213249
8/27/23 0:00		99	474	213249
8/27/23 0:30		99	474	213249
8/27/23 1:00		99	474	213249
8/27/23 1:30		99	474	213249
8/27/23 2:00		99	474	213249
8/27/23 2:30		98	474	213249
8/27/23 3:00		98	474	213249
8/27/23 3:30		98	474	213249
8/27/23 4:00		98	474	213249
8/27/23 4:30		98	474	213249
8/27/23 5:00		98	474	213249
8/27/23 5:30		98	474	213249
8/27/23 6:00		98	473	213249
8/27/23 6:30		98	474	213249
8/27/23 7:00		98	474	213249
8/27/23 7:30		98	473	213249
8/27/23 8:00		98	474	213249
8/27/23 8:30		98	473	213249
8/27/23 9:00		98	474	213249
8/27/23 9:30		98	474	213249
8/27/23 10:00		98	474	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/27/23 10:30		98	473	213249
8/27/23 11:00		98	473	213249
8/27/23 11:30		98	473	213249
8/27/23 12:00		98	473	213249
8/27/23 12:30		99	473	213249
8/27/23 13:00		99	473	213249
8/27/23 13:30		99	474	213249
8/27/23 14:00		99	474	213249
8/27/23 14:30		99	473	213249
8/27/23 15:00		99	473	213249
8/27/23 15:30		99	474	213249
8/27/23 16:00		99	473	213249
8/27/23 16:30		99	474	213249
8/27/23 17:00		99	473	213249
8/27/23 17:30		99	473	213249
8/27/23 18:00		99	473	213249
8/27/23 18:30		99	473	213249
8/27/23 19:00		99	-6	213249
8/27/23 19:30		99	474	213249
8/27/23 20:00		99	473	213249
8/27/23 20:30		99	473	213249
8/27/23 21:00		99	473	213249
8/27/23 21:30		99	473	213249
8/27/23 22:00		99	473	213249
8/27/23 22:30		99	473	213249
8/27/23 23:00		99	474	213249
8/27/23 23:30		99	473	213249
8/28/23 0:00		99	473	213249
8/28/23 0:30		99	473	213249
8/28/23 1:00		99	473	213249
8/28/23 1:30		99	473	213249
8/28/23 2:00		99	473	213249
8/28/23 2:30		99	473	213249
8/28/23 3:00		99	473	213249
8/28/23 3:30		98	473	213249
8/28/23 4:00		98	473	213249
8/28/23 4:30		98	473	213249
8/28/23 5:00		98	473	213249
8/28/23 5:30		98	473	213249
8/28/23 6:00		98	473	213249
8/28/23 6:30		98	473	213249
8/28/23 7:00		98	473	213249
8/28/23 7:30		98	473	213249
8/28/23 8:00		98	473	213249
8/28/23 8:30		98	473	213249
8/28/23 9:00		98	473	213249
8/28/23 9:30		98	474	213249
8/28/23 10:00		98	473	213249
8/28/23 10:30		98	473	213249
8/28/23 11:00		98	473	213249
8/28/23 11:30		98	473	213249
8/28/23 12:00		99	473	213249
8/28/23 12:30		99	473	213249
8/28/23 13:00		99	473	213249
8/28/23 13:30		99	473	213249
8/28/23 14:00		99	473	213249
8/28/23 14:30		99	473	213249
8/28/23 15:00		99	473	213249
8/28/23 15:30		99	473	213249
8/28/23 16:00		99	473	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/28/23 16:30		99	473	213249
8/28/23 17:00		100	472	213249
8/28/23 17:30		100	473	213249
8/28/23 18:00		100	473	213249
8/28/23 18:30		100	473	213249
8/28/23 19:00		100	473	213249
8/28/23 19:30		100	473	213249
8/28/23 20:00		100	473	213249
8/28/23 20:30		100	-6	213249
8/28/23 21:00		100	473	213249
8/28/23 21:30		100	473	213249
8/28/23 22:00		99	473	213249
8/28/23 22:30		99	473	213249
8/28/23 23:00		99	473	213249
8/28/23 23:30		99	473	213249
8/29/23 0:00		99	473	213249
8/29/23 0:30		99	473	213249
8/29/23 1:00		99	473	213249
8/29/23 1:30		99	473	213249
8/29/23 2:00		99	473	213249
8/29/23 2:30		99	473	213249
8/29/23 3:00		99	473	213249
8/29/23 3:30		99	473	213249
8/29/23 4:00		99	473	213249
8/29/23 4:30		99	473	213249
8/29/23 5:00		99	473	213249
8/29/23 5:30		99	473	213249
8/29/23 6:00		99	473	213249
8/29/23 6:30		98	473	213249
8/29/23 7:00		98	473	213249
8/29/23 7:30		98	473	213249
8/29/23 8:00		98	473	213249
8/29/23 8:30		98	473	213249
8/29/23 9:00		98	473	213249
8/29/23 9:30		98	473	213249
8/29/23 10:00		98	473	213249
8/29/23 10:30		98	473	213249
8/29/23 11:00		99	473	213249
8/29/23 11:30		99	473	213249
8/29/23 12:00		99	473	213249
8/29/23 12:30		99	473	213249
8/29/23 13:00		99	473	213249
8/29/23 13:30		99	473	213249
8/29/23 14:00		99	473	213249
8/29/23 14:30		99	473	213249
8/29/23 15:00		99	473	213249
8/29/23 15:30		99	473	213249
8/29/23 16:00		100	473	213249
8/29/23 16:30		100	472	213249
8/29/23 17:00		100	473	213249
8/29/23 17:30		-6	473	213249
8/29/23 18:00		100	473	213249
8/29/23 18:30		100	473	213249
8/29/23 19:00		100	473	213249
8/29/23 19:30		100	473	213249
8/29/23 20:00		100	473	213249
8/29/23 20:30		100	473	213249
8/29/23 21:00		100	473	213249
8/29/23 21:30		100	473	213249
8/29/23 22:00		100	473	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/29/23 22:30		100	473	213249
8/29/23 23:00		100	473	213249
8/29/23 23:30		99	473	213249
8/30/23 0:00		99	473	213249
8/30/23 0:30		99	473	213249
8/30/23 1:00		99	473	213249
8/30/23 1:30		99	473	213249
8/30/23 2:00		99	473	213249
8/30/23 2:30		99	473	213249
8/30/23 3:00		99	473	213249
8/30/23 3:30		99	473	213249
8/30/23 4:00		99	473	213249
8/30/23 4:30		99	473	213249
8/30/23 5:00		99	473	213249
8/30/23 5:30		99	473	213249
8/30/23 6:00		99	473	213249
8/30/23 6:30		99	473	213249
8/30/23 7:00		99	473	213249
8/30/23 7:30		99	473	213249
8/30/23 8:00		99	473	213249
8/30/23 8:30		98	473	213249
8/30/23 9:00		99	473	213249
8/30/23 9:30		98	473	213249
8/30/23 10:00		99	473	213249
8/30/23 10:30		99	-6	213249
8/30/23 11:00		99	473	213249
8/30/23 11:30		99	473	213249
8/30/23 12:00		99	473	213249
8/30/23 12:30		99	473	213249
8/30/23 13:00		99	473	213249
8/30/23 13:30		99	-6	213249
8/30/23 14:00		99	473	213249
8/30/23 14:30		100	472	213249
8/30/23 15:00		100	473	213249
8/30/23 15:30		100	472	213249
8/30/23 16:00		100	473	213249
8/30/23 16:30		100	472	213249
8/30/23 17:00		100	472	213249
8/30/23 17:30		100	472	213249
8/30/23 18:00		100	472	213249
8/30/23 18:30		100	473	213249
8/30/23 19:00		100	473	213249
8/30/23 19:30		-6	473	213249
8/30/23 20:00		100	473	213249
8/30/23 20:30		100	473	213249
8/30/23 21:00		100	473	213249
8/30/23 21:30		100	473	213249
8/30/23 22:00		100	473	213249
8/30/23 22:30		100	473	213249
8/30/23 23:00		100	473	213249
8/30/23 23:30		100	473	213249
8/31/23 0:00		100	473	213249
8/31/23 0:30		100	473	213249
8/31/23 1:00		99	-6	213249
8/31/23 1:30		99	473	213249
8/31/23 2:00		99	473	213249
8/31/23 2:30		99	473	213249
8/31/23 3:00		99	472	213249
8/31/23 3:30		99	472	213249
8/31/23 4:00		99	473	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
8/31/23 4:30		99	473	213249
8/31/23 5:00		99	473	213249
8/31/23 5:30		99	472	213249
8/31/23 6:00		99	473	213249
8/31/23 6:30		99	472	213249
8/31/23 7:00		99	473	213249
8/31/23 7:30		98	472	213249
8/31/23 8:00		98	473	213249
8/31/23 8:30		98	473	213249
8/31/23 9:00		98	473	213249
8/31/23 9:30		98	473	213249
8/31/23 10:00		98	473	213249
8/31/23 10:30		99	473	213249
8/31/23 11:00		99	472	213249
8/31/23 11:30		99	473	213249
8/31/23 12:00		99	473	213249
8/31/23 12:30		99	473	213249
8/31/23 13:00		99	-6	213249
8/31/23 13:30		99	472	213249
8/31/23 14:00		100	472	213249
8/31/23 14:30		100	472	213249
8/31/23 15:00		100	472	213249
8/31/23 15:30		100	472	213249
8/31/23 16:00		100	472	213249
8/31/23 16:30		100	472	213249
8/31/23 17:00		100	473	213249
8/31/23 17:30		100	472	213249
8/31/23 18:00		100	472	213249
8/31/23 18:30		100	473	213249
8/31/23 19:00		100	473	213249
8/31/23 19:30		100	473	213249
8/31/23 20:00		100	472	213249
8/31/23 20:30		100	472	213249
8/31/23 21:00		100	472	213249
8/31/23 21:30		100	472	213249
8/31/23 22:00		100	472	213249
8/31/23 22:30		100	472	213249
8/31/23 23:00		100	472	213249
8/31/23 23:30		100	473	213249
9/1/23 0:00		100	473	212903
9/1/23 0:30		100	-6	212903
9/1/23 1:00		100	473	212903
9/1/23 1:30		100	473	212903
9/1/23 2:00		99	473	212903
9/1/23 2:30		99	472	212903
9/1/23 3:00		99	472	212903
9/1/23 3:30		99	473	212903
9/1/23 4:00		99	472	212903
9/1/23 4:30		99	472	212903
9/1/23 5:00		99	473	212903
9/1/23 5:30		99	472	212903
9/1/23 6:00		99	472	212903
9/1/23 6:30		99	472	212903
9/1/23 7:00		99	472	212903
9/1/23 7:30		99	472	212903
9/1/23 8:00		99	472	212903
9/1/23 8:30		99	473	212903
9/1/23 9:00		99	473	212903
9/1/23 9:30		99	473	212903
9/1/23 10:00		99	473	212903

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/1/23 10:30		99	472	212903
9/1/23 11:00		99	472	212903
9/1/23 11:30		99	472	212903
9/1/23 12:00		99	472	212903
9/1/23 12:30		99	473	212903
9/1/23 13:00		100	472	212903
9/1/23 13:30		100	472	212903
9/1/23 14:00		100	472	212903
9/1/23 14:30		100	472	212903
9/1/23 15:00		100	472	212903
9/1/23 15:30		100	472	212903
9/1/23 16:00		100	472	212903
9/1/23 16:30		100	473	212903
9/1/23 17:00		100	472	212903
9/1/23 17:30		100	472	212903
9/1/23 18:00		100	472	212903
9/1/23 18:30		100	472	212903
9/1/23 19:00		100	473	212903
9/1/23 19:30		100	472	212903
9/1/23 20:00		100	-6	212903
9/1/23 20:30		100	472	212903
9/1/23 21:00		100	472	212903
9/1/23 21:30		100	472	212903
9/1/23 22:00		100	472	212903
9/1/23 22:30		100	472	212903
9/1/23 23:00		100	472	212903
9/1/23 23:30		100	472	212903
9/2/23 0:00		100	472	212903
9/2/23 0:30		100	472	212903
9/2/23 1:00		100	472	212903
9/2/23 1:30		100	472	212903
9/2/23 2:00		100	472	212903
9/2/23 2:30		100	472	212903
9/2/23 3:00		100	472	212903
9/2/23 3:30		99	472	212903
9/2/23 4:00		99	472	212903
9/2/23 4:30		99	472	212903
9/2/23 5:00		99	472	212903
9/2/23 5:30		99	472	212903
9/2/23 6:00		99	472	212903
9/2/23 6:30		99	472	212903
9/2/23 7:00		99	472	212903
9/2/23 7:30		99	-6	212903
9/2/23 8:00		99	472	212903
9/2/23 8:30		99	472	212903
9/2/23 9:00		99	472	212903
9/2/23 9:30		99	472	212903
9/2/23 10:00		99	473	212903
9/2/23 10:30		99	472	212903
9/2/23 11:00		99	473	212903
9/2/23 11:30		99	472	212903
9/2/23 12:00		99	472	212903
9/2/23 12:30		100	472	212903
9/2/23 13:00		100	472	212903
9/2/23 13:30		100	472	212903
9/2/23 14:00		100	472	212903
9/2/23 14:30		100	472	212903
9/2/23 15:00		100	472	212903
9/2/23 15:30		-6	-6	212903
9/2/23 16:00		100	472	212903

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/2/23 16:30		100	472	212903
9/2/23 17:00		100	472	212903
9/2/23 17:30		100	472	212903
9/2/23 18:00		100	471	212903
9/2/23 18:30		101	472	212903
9/2/23 19:00		101	472	212903
9/2/23 19:30		101	472	212903
9/2/23 20:00		101	472	212903
9/2/23 20:30		101	472	212903
9/2/23 21:00		101	472	212903
9/2/23 21:30		100	472	212903
9/2/23 22:00		100	472	212903
9/2/23 22:30		100	472	212903
9/2/23 23:00		100	472	212903
9/2/23 23:30		100	472	212903
9/3/23 0:00		100	472	212903
9/3/23 0:30		100	472	212903
9/3/23 1:00		100	472	212903
9/3/23 1:30		100	472	212903
9/3/23 2:00		100	472	212903
9/3/23 2:30		100	472	212903
9/3/23 3:00		100	472	212903
9/3/23 3:30		100	472	212903
9/3/23 4:00		99	472	212903
9/3/23 4:30		99	472	212903
9/3/23 5:00		99	472	212903
9/3/23 5:30		99	472	212903
9/3/23 6:00		99	472	212903
9/3/23 6:30		99	472	212903
9/3/23 7:00		99	472	212903
9/3/23 7:30		99	472	212903
9/3/23 8:00		99	472	212903
9/3/23 8:30		99	471	212903
9/3/23 9:00		99	472	212903
9/3/23 9:30		99	472	212903
9/3/23 10:00		99	472	212903
9/3/23 10:30		99	472	212903
9/3/23 11:00		99	472	212903
9/3/23 11:30		99	472	212903
9/3/23 12:00		100	472	212903
9/3/23 12:30		100	472	212903
9/3/23 13:00		100	472	212903
9/3/23 13:30		100	472	212903
9/3/23 14:00		100	472	212903
9/3/23 14:30		100	471	212903
9/3/23 15:00		100	471	212903
9/3/23 15:30		100	472	212903
9/3/23 16:00		100	472	212903
9/3/23 16:30		100	472	212903
9/3/23 17:00		100	472	212903
9/3/23 17:30		100	472	212903
9/3/23 18:00		101	472	212903
9/3/23 18:30		101	472	212903
9/3/23 19:00		101	472	212903
9/3/23 19:30		101	471	212903
9/3/23 20:00		101	472	212903
9/3/23 20:30		101	472	212903
9/3/23 21:00		101	472	212903
9/3/23 21:30		101	471	212903
9/3/23 22:00		100	472	212903

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/3/23 22:30		100	472	212903
9/3/23 23:00		100	472	212903
9/3/23 23:30		100	472	212903
9/4/23 0:00		100	472	212903
9/4/23 0:30		100	472	212903
9/4/23 1:00		100	472	212903
9/4/23 1:30		100	472	212903
9/4/23 2:00		100	472	212903
9/4/23 2:30		100	472	212903
9/4/23 3:00		100	472	212903
9/4/23 3:30		100	472	212903
9/4/23 4:00		100	472	212903
9/4/23 4:30		100	472	212903
9/4/23 5:00		100	471	212903
9/4/23 5:30		100	471	212903
9/4/23 6:00		99	471	212903
9/4/23 6:30		99	472	212903
9/4/23 7:00		-6	-6	212903
9/4/23 7:30		99	472	212903
9/4/23 8:00		99	472	212903
9/4/23 8:30		99	471	212903
9/4/23 9:00		99	472	212903
9/4/23 9:30		99	472	212903
9/4/23 10:00		99	472	212903
9/4/23 10:30		99	472	212903
9/4/23 11:00		99	472	212903
9/4/23 11:30		100	472	212903
9/4/23 12:00		100	471	212903
9/4/23 12:30		100	472	212903
9/4/23 13:00		100	472	212903
9/4/23 13:30		100	472	212903
9/4/23 14:00		100	472	212903
9/4/23 14:30		100	471	212903
9/4/23 15:00		100	472	212903
9/4/23 15:30		100	471	212903
9/4/23 16:00		100	471	212903
9/4/23 16:30		100	472	212903
9/4/23 17:00		100	472	212903
9/4/23 17:30		100	471	212903
9/4/23 18:00		100	472	212903
9/4/23 18:30		100	472	212903
9/4/23 19:00		101	471	212903
9/4/23 19:30		101	472	212903
9/4/23 20:00		101	472	212903
9/4/23 20:30		101	471	212903
9/4/23 21:00		100	471	212903
9/4/23 21:30		100	471	212903
9/4/23 22:00		100	472	212903
9/4/23 22:30		100	472	212903
9/4/23 23:00		100	472	212903
9/4/23 23:30		100	472	212903
9/5/23 0:00		100	472	212903
9/5/23 0:30		100	472	212903
9/5/23 1:00		100	472	212903
9/5/23 1:30		100	472	212903
9/5/23 2:00		100	471	212903
9/5/23 2:30		100	472	212903
9/5/23 3:00		100	471	212903
9/5/23 3:30		100	471	212903
9/5/23 4:00		100	471	212903

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/5/23 4:30		99	472	212903
9/5/23 5:00		99	472	212903
9/5/23 5:30		99	471	212903
9/5/23 6:00		99	471	212903
9/5/23 6:30		99	471	212903
9/5/23 7:00		99	471	212903
9/5/23 7:30		99	471	212903
9/5/23 8:00		99	472	212903
9/5/23 8:30		99	471	212903
9/5/23 9:00	47	111	610	212904
9/5/23 9:30		50	488	212908
9/5/23 10:00		55	480	212908
9/5/23 10:30		578	478	212908
9/5/23 11:00		-1	475	212908
9/5/23 11:30		6	475	212908
9/5/23 12:00		562	475	212908
9/5/23 12:30		4	519	212910
9/5/23 13:00		-2	-6	212910
9/5/23 13:30		2	-5	212910
9/5/23 14:00		5	-5	212910
9/5/23 14:30		9	-5	212910
9/5/23 15:00	31	-7	-6	212921
9/5/23 15:30	31	-7	782	212944
9/5/23 16:00	30	-7	829	212967
9/5/23 16:30	32	-7	865	212990
9/5/23 17:00	33	-7	894	213012
9/5/23 17:30	33	-7	916	213035
9/5/23 18:00	32	-7	933	213058
9/5/23 18:30	32	-7	946	213080
9/5/23 19:00	30	-7	959	213102
9/5/23 19:30	30	-7	972	213125
9/5/23 20:00	31	-7	982	213147
9/5/23 20:30	31	-7	990	213169
9/5/23 21:00	32	-7	998	213191
9/5/23 21:30	30	-7	1004	213213
9/5/23 22:00	32	-7	1013	213235
9/5/23 22:30	31	-7	1023	213257
9/5/23 23:00	30	-7	1029	213279
9/5/23 23:30	31	-7	1035	213301
9/6/23 0:00	32	-7	1042	213324
9/6/23 0:30	30	-7	1049	213346
9/6/23 1:00	31	-7	1054	213368
9/6/23 1:30	31	-7	1059	213391
9/6/23 2:00		-8	911	213408
9/6/23 2:30		-8	787	213408
9/6/23 3:00		-8	735	213408
9/6/23 3:30	28	-8	762	213409
9/6/23 4:00	28	-8	937	213430
9/6/23 4:30	29	-8	978	213451
9/6/23 5:00	31	-7	1003	213472
9/6/23 5:30	29	-7	1019	213493
9/6/23 6:00	30	-8	1030	213515
9/6/23 6:30	29	-7	1041	213536
9/6/23 7:00	28	-8	1051	213557
9/6/23 7:30	31	-7	1060	213579
9/6/23 8:00	30	-7	1068	213601
9/6/23 8:30	29	-7	1074	213622
9/6/23 9:00	29	-7	1079	213644
9/6/23 9:30	30	-7	1084	213666
9/6/23 10:00	30	-7	1086	213687

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/6/23 10:30	30	-7	1091	213709
9/6/23 11:00	29	-7	1094	213730
9/6/23 11:30	31	-7	1101	213752
9/6/23 12:00	31	-7	1105	213773
9/6/23 12:30	30	-7	1108	213795
9/6/23 13:00	31	-7	1111	213817
9/6/23 13:30	29	-7	1115	213838
9/6/23 14:00	30	-7	1119	213860
9/6/23 14:30	30	-7	1120	213882
9/6/23 15:00	30	-7	1122	213903
9/6/23 15:30	30	-7	1126	213924
9/6/23 16:00	30	-7	1128	213946
9/6/23 16:30	30	-7	1130	213967
9/6/23 17:00	29	-7	1128	213988
9/6/23 17:30	29	-7	1129	214009
9/6/23 18:00	27	-6	-6	214028
9/6/23 18:30	27	-7	1130	214051
9/6/23 19:00	28	-7	1131	214071
9/6/23 19:30	28	-7	1131	214092
9/6/23 20:00	27	-7	1133	214112
9/6/23 20:30	29	-7	1134	214133
9/6/23 21:00	29	-7	1136	214154
9/6/23 21:30	27	-7	1137	214174
9/6/23 22:00	29	-7	1140	214195
9/6/23 22:30	29	-7	1142	214215
9/6/23 23:00	29	-7	1146	214236
9/6/23 23:30	29	-7	1148	214256
9/7/23 0:00	29	-7	1150	214277
9/7/23 0:30	29	-7	1149	214297
9/7/23 1:00	28	-7	1151	214317
9/7/23 1:30	29	-7	1152	214338
9/7/23 2:00	28	-7	1154	214358
9/7/23 2:30	28	-7	1155	214379
9/7/23 3:00	28	-7	1157	214399
9/7/23 3:30	27	-7	1158	214419
9/7/23 4:00	29	-7	1160	214439
9/7/23 4:30	28	-7	1161	214459
9/7/23 5:00	28	-7	1163	214480
9/7/23 5:30	29	-7	1164	214500
9/7/23 6:00	28	-7	1167	214520
9/7/23 6:30	29	-7	1168	214540
9/7/23 7:00	28	-7	1170	214561
9/7/23 7:30	28	-7	1172	214581
9/7/23 8:00	28	-7	1173	214601
9/7/23 8:30	28	-7	1171	214622
9/7/23 9:00	27	-7	1171	214641
9/7/23 9:30	27	-7	1172	214661
9/7/23 10:00	27	-7	1172	214680
9/7/23 10:30	28	-7	1174	214700
9/7/23 11:00	27	-7	1175	214720
9/7/23 11:30	27	-7	1176	214739
9/7/23 12:00	27	-7	1177	214759
9/7/23 12:30	29	-7	1178	214778
9/7/23 13:00	26	-7	1179	214798
9/7/23 13:30	28	-7	1180	214817
9/7/23 14:00	28	-7	1182	214837
9/7/23 14:30	28	-7	1183	214857
9/7/23 15:00	27	-7	1182	214876
9/7/23 15:30	26	-7	1184	214895
9/7/23 16:00	26	-7	1185	214915

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/7/23 16:30	27	-7	1186	214934
9/7/23 17:00	26	-7	1187	214953
9/7/23 17:30	27	-7	1188	214973
9/7/23 18:00	27	-7	1189	214992
9/7/23 18:30	28	-7	1190	215011
9/7/23 19:00	28	-7	1192	215031
9/7/23 19:30	27	-7	1193	215050
9/7/23 20:00	27	-7	1194	215069
9/7/23 20:30	27	-7	-6	215088
9/7/23 21:00	28	-7	1197	215108
9/7/23 21:30	27	-7	1198	215127
9/7/23 22:00	27	-7	1199	215146
9/7/23 22:30	25	-7	1200	215166
9/7/23 23:00	27	-7	1201	215185
9/7/23 23:30	27	-7	1202	215204
9/8/23 0:00	27	-7	1203	215223
9/8/23 0:30	26	-7	1204	215242
9/8/23 1:00	27	-7	1205	215262
9/8/23 1:30	26	-7	1207	215281
9/8/23 2:00	27	-7	1208	215300
9/8/23 2:30	26	-7	1209	215319
9/8/23 3:00	28	-7	1216	215339
9/8/23 3:30	29	-7	1221	215359
9/8/23 4:00	28	-7	1223	215379
9/8/23 4:30	29	-7	1224	215399
9/8/23 5:00	28	-7	1226	215420
9/8/23 5:30	28	-7	1227	215440
9/8/23 6:00	28	-7	1229	215460
9/8/23 6:30	28	-7	1230	215480
9/8/23 7:00	27	-7	1232	215500
9/8/23 7:30	28	-7	1233	215521
9/8/23 8:00	28	-7	1234	215541
9/8/23 8:30	30	-7	1235	215561
9/8/23 9:00	28	-7	1237	215581
9/8/23 9:30	28	-7	1238	215601
9/8/23 10:00	28	-7	1239	215622
9/8/23 10:30	29	-7	1240	215642
9/8/23 11:00	26	-7	1240	215662
9/8/23 11:30	28	-7	1239	215681
9/8/23 12:00	27	-7	1239	215701
9/8/23 12:30	28	-7	1240	215720
9/8/23 13:00	28	-7	1241	215740
9/8/23 13:30	28	-7	1243	215759
9/8/23 14:00	27	-7	1243	215779
9/8/23 14:30	27	-7	1244	215799
9/8/23 15:00	27	-7	1244	215818
9/8/23 15:30	25	-7	1246	215838
9/8/23 16:00	27	-7	1247	215857
9/8/23 16:30	27	-7	1248	215877
9/8/23 17:00	27	-7	1248	215896
9/8/23 17:30	27	-7	1249	215915
9/8/23 18:00	28	-7	1250	215935
9/8/23 18:30		-7	1053	215940
9/8/23 19:00		-7	994	215940
9/8/23 19:30		-7	959	215940
9/8/23 20:00		-7	933	215940
9/8/23 20:30		-8	913	215940
9/8/23 21:00		-8	896	215940
9/8/23 21:30		-8	881	215940
9/8/23 22:00		-8	870	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/8/23 22:30		-8	859	215940
9/8/23 23:00		-8	849	215940
9/8/23 23:30		-8	841	215940
9/9/23 0:00		-8	832	215940
9/9/23 0:30		-8	825	215940
9/9/23 1:00		-8	819	215940
9/9/23 1:30		-8	813	215940
9/9/23 2:00		-8	806	215940
9/9/23 2:30		-8	801	215940
9/9/23 3:00		-8	796	215940
9/9/23 3:30		-8	791	215940
9/9/23 4:00		-8	787	215940
9/9/23 4:30		-8	782	215940
9/9/23 5:00		-8	778	215940
9/9/23 5:30		-8	774	215940
9/9/23 6:00		-8	770	215940
9/9/23 6:30		-8	767	215940
9/9/23 7:00		-8	763	215940
9/9/23 7:30		-8	760	215940
9/9/23 8:00		-8	757	215940
9/9/23 8:30		-8	754	215940
9/9/23 9:00		-8	751	215940
9/9/23 9:30		-6	748	215940
9/9/23 10:00		-8	745	215940
9/9/23 10:30		-8	742	215940
9/9/23 11:00		-8	740	215940
9/9/23 11:30		-8	737	215940
9/9/23 12:00		-8	735	215940
9/9/23 12:30		-8	732	215940
9/9/23 13:00		-8	730	215940
9/9/23 13:30		-8	728	215940
9/9/23 14:00		-8	725	215940
9/9/23 14:30		-8	724	215940
9/9/23 15:00		-8	720	215940
9/9/23 15:30		-8	719	215940
9/9/23 16:00		-8	717	215940
9/9/23 16:30		-8	715	215940
9/9/23 17:00		-8	713	215940
9/9/23 17:30		-8	711	215940
9/9/23 18:00		-8	710	215940
9/9/23 18:30		-8	708	215940
9/9/23 19:00		-8	706	215940
9/9/23 19:30		-7	705	215940
9/9/23 20:00		-7	703	215940
9/9/23 20:30		-7	701	215940
9/9/23 21:00		-7	700	215940
9/9/23 21:30		-7	698	215940
9/9/23 22:00		-7	697	215940
9/9/23 22:30		-7	-6	215940
9/9/23 23:00		-7	694	215940
9/9/23 23:30		-7	692	215940
9/10/23 0:00		-7	-6	215940
9/10/23 0:30		-7	690	215940
9/10/23 1:00		-7	688	215940
9/10/23 1:30		-7	687	215940
9/10/23 2:00		-7	686	215940
9/10/23 2:30		-7	685	215940
9/10/23 3:00		-7	683	215940
9/10/23 3:30		-6	682	215940
9/10/23 4:00		-6	681	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/10/23 4:30		-6	680	215940
9/10/23 5:00		-6	679	215940
9/10/23 5:30		-6	677	215940
9/10/23 6:00		-6	676	215940
9/10/23 6:30		-6	675	215940
9/10/23 7:00		-6	-6	215940
9/10/23 7:30		-6	673	215940
9/10/23 8:00		-6	672	215940
9/10/23 8:30		-6	671	215940
9/10/23 9:00		-6	670	215940
9/10/23 9:30		-6	669	215940
9/10/23 10:00		-6	668	215940
9/10/23 10:30		-6	667	215940
9/10/23 11:00		-6	666	215940
9/10/23 11:30		-6	665	215940
9/10/23 12:00		-6	664	215940
9/10/23 12:30		-5	664	215940
9/10/23 13:00		-5	662	215940
9/10/23 13:30		-5	662	215940
9/10/23 14:00		-5	660	215940
9/10/23 14:30		-5	660	215940
9/10/23 15:00		-5	658	215940
9/10/23 15:30		-5	658	215940
9/10/23 16:00		-5	658	215940
9/10/23 16:30		-5	656	215940
9/10/23 17:00		-5	656	215940
9/10/23 17:30		-5	655	215940
9/10/23 18:00		-4	654	215940
9/10/23 18:30		-4	653	215940
9/10/23 19:00		-4	652	215940
9/10/23 19:30		-4	652	215940
9/10/23 20:00		-4	651	215940
9/10/23 20:30		-4	650	215940
9/10/23 21:00		-4	650	215940
9/10/23 21:30		-4	649	215940
9/10/23 22:00		-4	648	215940
9/10/23 22:30		-4	647	215940
9/10/23 23:00		-4	646	215940
9/10/23 23:30		-4	645	215940
9/11/23 0:00		-4	645	215940
9/11/23 0:30		-4	644	215940
9/11/23 1:00		-4	643	215940
9/11/23 1:30		-4	642	215940
9/11/23 2:00		-4	641	215940
9/11/23 2:30		-4	641	215940
9/11/23 3:00		-4	640	215940
9/11/23 3:30		-4	639	215940
9/11/23 4:00		-4	638	215940
9/11/23 4:30		-3	638	215940
9/11/23 5:00		-3	638	215940
9/11/23 5:30		-3	637	215940
9/11/23 6:00		-3	636	215940
9/11/23 6:30		-3	636	215940
9/11/23 7:00		-3	635	215940
9/11/23 7:30		-3	634	215940
9/11/23 8:00		-3	634	215940
9/11/23 8:30		-3	633	215940
9/11/23 9:00		-3	632	215940
9/11/23 9:30		-3	633	215940
9/11/23 10:00		-3	632	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/11/23 10:30		-3	631	215940
9/11/23 11:00		-3	630	215940
9/11/23 11:30		-2	630	215940
9/11/23 12:00		-2	630	215940
9/11/23 12:30		-2	629	215940
9/11/23 13:00		-2	629	215940
9/11/23 13:30		-2	628	215940
9/11/23 14:00		-2	627	215940
9/11/23 14:30		-2	627	215940
9/11/23 15:00		-2	626	215940
9/11/23 15:30		-2	626	215940
9/11/23 16:00		-2	625	215940
9/11/23 16:30		-2	625	215940
9/11/23 17:00		-2	625	215940
9/11/23 17:30		-2	624	215940
9/11/23 18:00		-2	624	215940
9/11/23 18:30		-1	623	215940
9/11/23 19:00		-1	623	215940
9/11/23 19:30		-1	623	215940
9/11/23 20:00		-1	622	215940
9/11/23 20:30		-1	622	215940
9/11/23 21:00		-1	621	215940
9/11/23 21:30		-1	621	215940
9/11/23 22:00		-1	620	215940
9/11/23 22:30		-1	620	215940
9/11/23 23:00		-1	620	215940
9/11/23 23:30		-1	619	215940
9/12/23 0:00		-1	619	215940
9/12/23 0:30		-1	618	215940
9/12/23 1:00		-1	618	215940
9/12/23 1:30		-1	617	215940
9/12/23 2:00		-1	617	215940
9/12/23 2:30		-1	617	215940
9/12/23 3:00		-1	616	215940
9/12/23 3:30		-1	616	215940
9/12/23 4:00		1	615	215940
9/12/23 4:30		1	615	215940
9/12/23 5:00		1	615	215940
9/12/23 5:30		1	614	215940
9/12/23 6:00		1	-6	215940
9/12/23 6:30		1	613	215940
9/12/23 7:00		1	613	215940
9/12/23 7:30		1	613	215940
9/12/23 8:00		1	612	215940
9/12/23 8:30		1	612	215940
9/12/23 9:00		1	611	215940
9/12/23 9:30		1	611	215940
9/12/23 10:00		1	611	215940
9/12/23 10:30		1	611	215940
9/12/23 11:00		1	610	215940
9/12/23 11:30		1	610	215940
9/12/23 12:00		1	609	215940
9/12/23 12:30		1	610	215940
9/12/23 13:00		2	609	215940
9/12/23 13:30		2	608	215940
9/12/23 14:00		2	608	215940
9/12/23 14:30		2	607	215940
9/12/23 15:00		2	607	215940
9/12/23 15:30		2	607	215940
9/12/23 16:00		2	606	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/12/23 16:30		2	606	215940
9/12/23 17:00		2	606	215940
9/12/23 17:30		2	605	215940
9/12/23 18:00		2	604	215940
9/12/23 18:30		2	605	215940
9/12/23 19:00		2	604	215940
9/12/23 19:30		2	603	215940
9/12/23 20:00		2	604	215940
9/12/23 20:30		2	603	215940
9/12/23 21:00		2	603	215940
9/12/23 21:30		2	603	215940
9/12/23 22:00		2	602	215940
9/12/23 22:30		3	602	215940
9/12/23 23:00		3	602	215940
9/12/23 23:30		3	601	215940
9/13/23 0:00		3	601	215940
9/13/23 0:30		3	601	215940
9/13/23 1:00		3	600	215940
9/13/23 1:30		3	600	215940
9/13/23 2:00		3	600	215940
9/13/23 2:30		3	600	215940
9/13/23 3:00		3	599	215940
9/13/23 3:30		3	599	215940
9/13/23 4:00		3	599	215940
9/13/23 4:30		3	598	215940
9/13/23 5:00		3	598	215940
9/13/23 5:30		3	598	215940
9/13/23 6:00		3	597	215940
9/13/23 6:30		3	597	215940
9/13/23 7:00		3	597	215940
9/13/23 7:30		3	-6	215940
9/13/23 8:00		3	596	215940
9/13/23 8:30		3	596	215940
9/13/23 9:00		4	596	215940
9/13/23 9:30		4	596	215940
9/13/23 10:00		4	595	215940
9/13/23 10:30		4	595	215940
9/13/23 11:00		4	595	215940
9/13/23 11:30		4	595	215940
9/13/23 12:00		4	595	215940
9/13/23 12:30		4	594	215940
9/13/23 13:00		4	594	215940
9/13/23 13:30		4	593	215940
9/13/23 14:00		4	592	215940
9/13/23 14:30		4	593	215940
9/13/23 15:00		5	592	215940
9/13/23 15:30		5	593	215940
9/13/23 16:00		5	592	215940
9/13/23 16:30		5	592	215940
9/13/23 17:00		5	591	215940
9/13/23 17:30		5	591	215940
9/13/23 18:00		5	591	215940
9/13/23 18:30		5	591	215940
9/13/23 19:00		5	590	215940
9/13/23 19:30		5	590	215940
9/13/23 20:00		6	590	215940
9/13/23 20:30		6	590	215940
9/13/23 21:00		6	589	215940
9/13/23 21:30		6	589	215940
9/13/23 22:00		6	589	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/13/23 22:30		6	589	215940
9/13/23 23:00		6	589	215940
9/13/23 23:30		6	588	215940
9/14/23 0:00		6	588	215940
9/14/23 0:30		6	-6	215940
9/14/23 1:00		6	588	215940
9/14/23 1:30		6	587	215940
9/14/23 2:00		6	587	215940
9/14/23 2:30		6	587	215940
9/14/23 3:00		6	587	215940
9/14/23 3:30		6	586	215940
9/14/23 4:00		6	586	215940
9/14/23 4:30		6	586	215940
9/14/23 5:00		6	586	215940
9/14/23 5:30		6	586	215940
9/14/23 6:00		6	585	215940
9/14/23 6:30		6	585	215940
9/14/23 7:00		6	585	215940
9/14/23 7:30		6	585	215940
9/14/23 8:00		6	584	215940
9/14/23 8:30		6	584	215940
9/14/23 9:00		6	584	215940
9/14/23 9:30		6	584	215940
9/14/23 10:00		6	584	215940
9/14/23 10:30		6	583	215940
9/14/23 11:00		6	583	215940
9/14/23 11:30		7	583	215940
9/14/23 12:00		7	583	215940
9/14/23 12:30		7	583	215940
9/14/23 13:00		7	582	215940
9/14/23 13:30		7	582	215940
9/14/23 14:00		7	582	215940
9/14/23 14:30		7	-6	215940
9/14/23 15:00		7	580	215940
9/14/23 15:30		8	581	215940
9/14/23 16:00		8	581	215940
9/14/23 16:30		8	581	215940
9/14/23 17:00		8	580	215940
9/14/23 17:30		8	580	215940
9/14/23 18:00				215940
9/14/23 18:30		8	580	215940
9/14/23 19:00		8	581	215940
9/14/23 19:30		8	579	215940
9/14/23 20:00		8	-6	215940
9/14/23 20:30		8	579	215940
9/14/23 21:00		8	579	215940
9/14/23 21:30		8	579	215940
9/14/23 22:00		8	579	215940
9/14/23 22:30		8	578	215940
9/14/23 23:00		8	578	215940
9/14/23 23:30		8	578	215940
9/15/23 0:00		8	578	215940
9/15/23 0:30		8	578	215940
9/15/23 1:00		8	577	215940
9/15/23 1:30		8	577	215940
9/15/23 2:00		8	577	215940
9/15/23 2:30		8	577	215940
9/15/23 3:00		8	577	215940
9/15/23 3:30		8	576	215940
9/15/23 4:00		8	576	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/15/23 4:30		8	576	215940
9/15/23 5:00		8	576	215940
9/15/23 5:30		8	576	215940
9/15/23 6:00		8	576	215940
9/15/23 6:30		8	576	215940
9/15/23 7:00		8	575	215940
9/15/23 7:30		8	575	215940
9/15/23 8:00		9	575	215940
9/15/23 8:30		9	575	215940
9/15/23 9:00		9	575	215940
9/15/23 9:30		9	574	215940
9/15/23 10:00		9	575	215940
9/15/23 10:30		9	574	215940
9/15/23 11:00		9	574	215940
9/15/23 11:30		9	574	215940
9/15/23 12:00		9	574	215940
9/15/23 12:30		9	574	215940
9/15/23 13:00		10	573	215940
9/15/23 13:30		10	573	215940
9/15/23 14:00		10	573	215940
9/15/23 14:30		10	573	215940
9/15/23 15:00		10	572	215940
9/15/23 15:30		10	572	215940
9/15/23 16:00		10	573	215940
9/15/23 16:30		10	572	215940
9/15/23 17:00		10	571	215940
9/15/23 17:30		10	572	215940
9/15/23 18:00		10	573	215940
9/15/23 18:30		10	571	215940
9/15/23 19:00		10	572	215940
9/15/23 19:30		10	571	215940
9/15/23 20:00		10	571	215940
9/15/23 20:30		11	570	215940
9/15/23 21:00		11	571	215940
9/15/23 21:30		11	570	215940
9/15/23 22:00		10	570	215940
9/15/23 22:30		11	570	215940
9/15/23 23:00		11	570	215940
9/15/23 23:30		10	570	215940
9/16/23 0:00		10	570	215940
9/16/23 0:30		10	569	215940
9/16/23 1:00		10	569	215940
9/16/23 1:30		10	569	215940
9/16/23 2:00		10	569	215940
9/16/23 2:30		10	569	215940
9/16/23 3:00		10	569	215940
9/16/23 3:30		11	569	215940
9/16/23 4:00		11	568	215940
9/16/23 4:30		11	568	215940
9/16/23 5:00		11	568	215940
9/16/23 5:30		11	568	215940
9/16/23 6:00		11	568	215940
9/16/23 6:30		11	568	215940
9/16/23 7:00		11	567	215940
9/16/23 7:30		11	567	215940
9/16/23 8:00		11	567	215940
9/16/23 8:30		11	567	215940
9/16/23 9:00		11	567	215940
9/16/23 9:30		11	567	215940
9/16/23 10:00		11	567	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/16/23 10:30		11	566	215940
9/16/23 11:00		11	566	215940
9/16/23 11:30		11	566	215940
9/16/23 12:00		12	566	215940
9/16/23 12:30		12	566	215940
9/16/23 13:00		12	566	215940
9/16/23 13:30		12	566	215940
9/16/23 14:00		12	566	215940
9/16/23 14:30		12	565	215940
9/16/23 15:00		12	564	215940
9/16/23 15:30		12	565	215940
9/16/23 16:00		13	565	215940
9/16/23 16:30		13	564	215940
9/16/23 17:00		13	565	215940
9/16/23 17:30		13	565	215940
9/16/23 18:00		13	564	215940
9/16/23 18:30		13	564	215940
9/16/23 19:00		13	564	215940
9/16/23 19:30		13	564	215940
9/16/23 20:00		13	564	215940
9/16/23 20:30		13	563	215940
9/16/23 21:00		13	563	215940
9/16/23 21:30		13	563	215940
9/16/23 22:00		13	563	215940
9/16/23 22:30		13	563	215940
9/16/23 23:00		13	563	215940
9/16/23 23:30		13	563	215940
9/17/23 0:00		13	563	215940
9/17/23 0:30		13	562	215940
9/17/23 1:00		13	562	215940
9/17/23 1:30		13	562	215940
9/17/23 2:00		13	562	215940
9/17/23 2:30		13	562	215940
9/17/23 3:00		13	562	215940
9/17/23 3:30		13	562	215940
9/17/23 4:00		13	561	215940
9/17/23 4:30		13	561	215940
9/17/23 5:00		13	561	215940
9/17/23 5:30		13	-6	215940
9/17/23 6:00		13	561	215940
9/17/23 6:30		13	561	215940
9/17/23 7:00		13	561	215940
9/17/23 7:30		13	561	215940
9/17/23 8:00		13	561	215940
9/17/23 8:30		13	561	215940
9/17/23 9:00		13	560	215940
9/17/23 9:30		13	561	215940
9/17/23 10:00		13	560	215940
9/17/23 10:30		13	560	215940
9/17/23 11:00		13	560	215940
9/17/23 11:30		14	560	215940
9/17/23 12:00		14	560	215940
9/17/23 12:30		14	560	215940
9/17/23 13:00		14	559	215940
9/17/23 13:30		14	560	215940
9/17/23 14:00		14	560	215940
9/17/23 14:30		15	560	215940
9/17/23 15:00		15	558	215940
9/17/23 15:30		15	558	215940
9/17/23 16:00		15	559	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/17/23 16:30		15	559	215940
9/17/23 17:00		15	559	215940
9/17/23 17:30		15	558	215940
9/17/23 18:00		16	558	215940
9/17/23 18:30		16	557	215940
9/17/23 19:00		16	558	215940
9/17/23 19:30		16	558	215940
9/17/23 20:00		16	557	215940
9/17/23 20:30		16	558	215940
9/17/23 21:00		16	557	215940
9/17/23 21:30		15	557	215940
9/17/23 22:00		15	557	215940
9/17/23 22:30		15	557	215940
9/17/23 23:00		15	557	215940
9/17/23 23:30		15	557	215940
9/18/23 0:00		15	557	215940
9/18/23 0:30		15	556	215940
9/18/23 1:00		15	557	215940
9/18/23 1:30		15	557	215940
9/18/23 2:00		15	556	215940
9/18/23 2:30		15	556	215940
9/18/23 3:00		15	556	215940
9/18/23 3:30		15	556	215940
9/18/23 4:00		15	556	215940
9/18/23 4:30		15	556	215940
9/18/23 5:00		15	556	215940
9/18/23 5:30		15	555	215940
9/18/23 6:00		15	555	215940
9/18/23 6:30		15	555	215940
9/18/23 7:00		15	555	215940
9/18/23 7:30		15	555	215940
9/18/23 8:00		15	555	215940
9/18/23 8:30		15	555	215940
9/18/23 9:00		15	555	215940
9/18/23 9:30		15	555	215940
9/18/23 10:00		15	554	215940
9/18/23 10:30		16	555	215940
9/18/23 11:00		16	554	215940
9/18/23 11:30		16	555	215940
9/18/23 12:00		16	554	215940
9/18/23 12:30		16	555	215940
9/18/23 13:00		16	554	215940
9/18/23 13:30		16	554	215940
9/18/23 14:00		16	553	215940
9/18/23 14:30		17	554	215940
9/18/23 15:00		17	553	215940
9/18/23 15:30		17	553	215940
9/18/23 16:00		17	553	215940
9/18/23 16:30		17	553	215940
9/18/23 17:00		17	-6	215940
9/18/23 17:30		17	553	215940
9/18/23 18:00		17	552	215940
9/18/23 18:30		17	553	215940
9/18/23 19:00		17	554	215940
9/18/23 19:30		17	553	215940
9/18/23 20:00		17	552	215940
9/18/23 20:30		17	552	215940
9/18/23 21:00		17	552	215940
9/18/23 21:30		17	552	215940
9/18/23 22:00		17	552	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/18/23 22:30		17	552	215940
9/18/23 23:00		17	552	215940
9/18/23 23:30		17	552	215940
9/19/23 0:00		17	551	215940
9/19/23 0:30		17	551	215940
9/19/23 1:00		17	551	215940
9/19/23 1:30		17	551	215940
9/19/23 2:00		17	551	215940
9/19/23 2:30		17	551	215940
9/19/23 3:00		17	551	215940
9/19/23 3:30		17	551	215940
9/19/23 4:00		17	551	215940
9/19/23 4:30		17	551	215940
9/19/23 5:00		17	551	215940
9/19/23 5:30		17	551	215940
9/19/23 6:00		17	550	215940
9/19/23 6:30		17	550	215940
9/19/23 7:00		17	550	215940
9/19/23 7:30		17	550	215940
9/19/23 8:00		17	550	215940
9/19/23 8:30		17	550	215940
9/19/23 9:00		17	550	215940
9/19/23 9:30		17	550	215940
9/19/23 10:00		17	550	215940
9/19/23 10:30		17	550	215940
9/19/23 11:00		17	550	215940
9/19/23 11:30		18	550	215940
9/19/23 12:00		18	550	215940
9/19/23 12:30		18	550	215940
9/19/23 13:00		18	549	215940
9/19/23 13:30		18	-6	215940
9/19/23 14:00		18	549	215940
9/19/23 14:30		18	549	215940
9/19/23 15:00		19	548	215940
9/19/23 15:30		19	549	215940
9/19/23 16:00		19	549	215940
9/19/23 16:30		19	549	215940
9/19/23 17:00		19	548	215940
9/19/23 17:30		19	548	215940
9/19/23 18:00		19	548	215940
9/19/23 18:30		19	548	215940
9/19/23 19:00		20	548	215940
9/19/23 19:30		19	548	215940
9/19/23 20:00		19	548	215940
9/19/23 20:30		19	548	215940
9/19/23 21:00		19	547	215940
9/19/23 21:30		19	547	215940
9/19/23 22:00		19	548	215940
9/19/23 22:30		19	547	215940
9/19/23 23:00		19	547	215940
9/19/23 23:30		19	547	215940
9/20/23 0:00		19	547	215940
9/20/23 0:30		19	547	215940
9/20/23 1:00		19	547	215940
9/20/23 1:30		19	547	215940
9/20/23 2:00		19	547	215940
9/20/23 2:30		19	547	215940
9/20/23 3:00		19	547	215940
9/20/23 3:30		19	547	215940
9/20/23 4:00		19	547	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/20/23 4:30		19	546	215940
9/20/23 5:00		19	546	215940
9/20/23 5:30		19	546	215940
9/20/23 6:00		19	546	215940
9/20/23 6:30		19	546	215940
9/20/23 7:00		19	546	215940
9/20/23 7:30		19	546	215940
9/20/23 8:00		19	546	215940
9/20/23 8:30		19	546	215940
9/20/23 9:00		19	546	215940
9/20/23 9:30		19	546	215940
9/20/23 10:00		19	546	215940
9/20/23 10:30		19	545	215940
9/20/23 11:00		19	-6	215940
9/20/23 11:30		20	545	215940
9/20/23 12:00		20	-4	215940
9/20/23 12:30		20	544	215940
9/20/23 13:00		20	544	215940
9/20/23 13:30		20	544	215940
9/20/23 14:00		20	544	215940
9/20/23 14:30		20	544	215940
9/20/23 15:00		20	544	215940
9/20/23 15:30		20	544	215940
9/20/23 16:00		21	544	215940
9/20/23 16:30		21	544	215940
9/20/23 17:00		21	543	215940
9/20/23 17:30		21	544	215940
9/20/23 18:00		21	543	215940
9/20/23 18:30		21	543	215940
9/20/23 19:00		21	543	215940
9/20/23 19:30		21	543	215940
9/20/23 20:00		21	543	215940
9/20/23 20:30		21	543	215940
9/20/23 21:00		21	543	215940
9/20/23 21:30		21	543	215940
9/20/23 22:00		21	543	215940
9/20/23 22:30		21	543	215940
9/20/23 23:00		21	543	215940
9/20/23 23:30		21	542	215940
9/21/23 0:00		21	543	215940
9/21/23 0:30		21	542	215940
9/21/23 1:00		21	542	215940
9/21/23 1:30		21	542	215940
9/21/23 2:00		21	542	215940
9/21/23 2:30		21	542	215940
9/21/23 3:00		21	542	215940
9/21/23 3:30		21	542	215940
9/21/23 4:00		21	542	215940
9/21/23 4:30		21	542	215940
9/21/23 5:00		21	542	215940
9/21/23 5:30		21	542	215940
9/21/23 6:00		21	541	215940
9/21/23 6:30		21	541	215940
9/21/23 7:00		21	541	215940
9/21/23 7:30		20	541	215940
9/21/23 8:00		20	541	215940
9/21/23 8:30		20	541	215940
9/21/23 9:00		20	541	215940
9/21/23 9:30		20	541	215940
9/21/23 10:00		21	541	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/21/23 10:30		21	541	215940
9/21/23 11:00		21	541	215940
9/21/23 11:30		21	541	215940
9/21/23 12:00		21	540	215940
9/21/23 12:30		21	541	215940
9/21/23 13:00		22	541	215940
9/21/23 13:30		22	541	215940
9/21/23 14:00		22	540	215940
9/21/23 14:30		22	540	215940
9/21/23 15:00		22	540	215940
9/21/23 15:30		22	540	215940
9/21/23 16:00		22	540	215940
9/21/23 16:30		22	540	215940
9/21/23 17:00		22	540	215940
9/21/23 17:30		23	540	215940
9/21/23 18:00		23	540	215940
9/21/23 18:30		23	540	215940
9/21/23 19:00		23	540	215940
9/21/23 19:30		23	539	215940
9/21/23 20:00		23	539	215940
9/21/23 20:30		23	540	215940
9/21/23 21:00		23	539	215940
9/21/23 21:30		23	539	215940
9/21/23 22:00		23	539	215940
9/21/23 22:30		22	539	215940
9/21/23 23:00		22	539	215940
9/21/23 23:30		22	539	215940
9/22/23 0:00		22	539	215940
9/22/23 0:30		22	539	215940
9/22/23 1:00		22	539	215940
9/22/23 1:30		22	539	215940
9/22/23 2:00		22	539	215940
9/22/23 2:30		22	538	215940
9/22/23 3:00		22	539	215940
9/22/23 3:30		22	538	215940
9/22/23 4:00		22	-6	215940
9/22/23 4:30		22	538	215940
9/22/23 5:00		22	538	215940
9/22/23 5:30		22	538	215940
9/22/23 6:00		22	538	215940
9/22/23 6:30		22	538	215940
9/22/23 7:00		22	538	215940
9/22/23 7:30		22	538	215940
9/22/23 8:00		22	538	215940
9/22/23 8:30		22	538	215940
9/22/23 9:00		22	538	215940
9/22/23 9:30		22	538	215940
9/22/23 10:00		22	538	215940
9/22/23 10:30		22	537	215940
9/22/23 11:00		22	538	215940
9/22/23 11:30		22	538	215940
9/22/23 12:00		23	538	215940
9/22/23 12:30		23	538	215940
9/22/23 13:00		23	538	215940
9/22/23 13:30		23	537	215940
9/22/23 14:00		23	537	215940
9/22/23 14:30		23	537	215940
9/22/23 15:00		24	537	215940
9/22/23 15:30		24	536	215940
9/22/23 16:00		24	537	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/22/23 16:30		24	537	215940
9/22/23 17:00		24	536	215940
9/22/23 17:30		24	537	215940
9/22/23 18:00		24	537	215940
9/22/23 18:30		24	536	215940
9/22/23 19:00		24	536	215940
9/22/23 19:30		24	536	215940
9/22/23 20:00		24	536	215940
9/22/23 20:30		24	536	215940
9/22/23 21:00		24	536	215940
9/22/23 21:30		24	536	215940
9/22/23 22:00		24	536	215940
9/22/23 22:30		-6	536	215940
9/22/23 23:00		24	536	215940
9/22/23 23:30		24	535	215940
9/23/23 0:00		24	536	215940
9/23/23 0:30		24	536	215940
9/23/23 1:00		24	536	215940
9/23/23 1:30		23	535	215940
9/23/23 2:00		23	536	215940
9/23/23 2:30		23	535	215940
9/23/23 3:00		23	535	215940
9/23/23 3:30		23	535	215940
9/23/23 4:00		23	536	215940
9/23/23 4:30		23	535	215940
9/23/23 5:00		23	535	215940
9/23/23 5:30		23	535	215940
9/23/23 6:00		23	535	215940
9/23/23 6:30		23	535	215940
9/23/23 7:00		23	535	215940
9/23/23 7:30		23	535	215940
9/23/23 8:00		23	535	215940
9/23/23 8:30		23	535	215940
9/23/23 9:00		23	535	215940
9/23/23 9:30		23	535	215940
9/23/23 10:00		23	535	215940
9/23/23 10:30		23	535	215940
9/23/23 11:00		23	535	215940
9/23/23 11:30		23	535	215940
9/23/23 12:00		24	535	215940
9/23/23 12:30		24	534	215940
9/23/23 13:00		24	534	215940
9/23/23 13:30		24	534	215940
9/23/23 14:00		24	534	215940
9/23/23 14:30		24	534	215940
9/23/23 15:00		24	534	215940
9/23/23 15:30		24	534	215940
9/23/23 16:00		25	534	215940
9/23/23 16:30		25	534	215940
9/23/23 17:00		25	534	215940
9/23/23 17:30		25	534	215940
9/23/23 18:00		25	534	215940
9/23/23 18:30		25	533	215940
9/23/23 19:00		25	533	215940
9/23/23 19:30		25	534	215940
9/23/23 20:00		25	533	215940
9/23/23 20:30		25	533	215940
9/23/23 21:00		25	533	215940
9/23/23 21:30		25	533	215940
9/23/23 22:00		25	533	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/23/23 22:30		25	533	215940
9/23/23 23:00		25	533	215940
9/23/23 23:30		25	533	215940
9/24/23 0:00		25	533	215940
9/24/23 0:30		25	533	215940
9/24/23 1:00		25	532	215940
9/24/23 1:30		25	533	215940
9/24/23 2:00		25	533	215940
9/24/23 2:30		25	533	215940
9/24/23 3:00		25	532	215940
9/24/23 3:30		25	532	215940
9/24/23 4:00		25	532	215940
9/24/23 4:30		25	532	215940
9/24/23 5:00		25	532	215940
9/24/23 5:30		25	532	215940
9/24/23 6:00		25	532	215940
9/24/23 6:30		-6	-6	215940
9/24/23 7:00		25	532	215940
9/24/23 7:30		25	532	215940
9/24/23 8:00		25	532	215940
9/24/23 8:30		25	532	215940
9/24/23 9:00		25	532	215940
9/24/23 9:30		25	532	215940
9/24/23 10:00		25	532	215940
9/24/23 10:30		25	532	215940
9/24/23 11:00		25	531	215940
9/24/23 11:30		25	532	215940
9/24/23 12:00		25	532	215940
9/24/23 12:30		25	531	215940
9/24/23 13:00		25	531	215940
9/24/23 13:30		25	531	215940
9/24/23 14:00		26	531	215940
9/24/23 14:30		26	531	215940
9/24/23 15:00		26	531	215940
9/24/23 15:30		26	531	215940
9/24/23 16:00		26	531	215940
9/24/23 16:30		26	531	215940
9/24/23 17:00		26	531	215940
9/24/23 17:30		26	531	215940
9/24/23 18:00		27	531	215940
9/24/23 18:30		27	531	215940
9/24/23 19:00		27	531	215940
9/24/23 19:30		27	531	215940
9/24/23 20:00		27	531	215940
9/24/23 20:30		27	530	215940
9/24/23 21:00		27	531	215940
9/24/23 21:30		26	530	215940
9/24/23 22:00		26	530	215940
9/24/23 22:30		26	530	215940
9/24/23 23:00		26	530	215940
9/24/23 23:30		26	530	215940
9/25/23 0:00		26	530	215940
9/25/23 0:30		26	530	215940
9/25/23 1:00		26	530	215940
9/25/23 1:30		26	530	215940
9/25/23 2:00		26	530	215940
9/25/23 2:30		26	530	215940
9/25/23 3:00		26	530	215940
9/25/23 3:30		26	530	215940
9/25/23 4:00		26	530	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/25/23 4:30		26	530	215940
9/25/23 5:00		26	530	215940
9/25/23 5:30		26	530	215940
9/25/23 6:00		26	530	215940
9/25/23 6:30		26	530	215940
9/25/23 7:00		26	529	215940
9/25/23 7:30		26	529	215940
9/25/23 8:00		26	529	215940
9/25/23 8:30		26	529	215940
9/25/23 9:00		26	529	215940
9/25/23 9:30		26	530	215940
9/25/23 10:00		26	530	215940
9/25/23 10:30		26	529	215940
9/25/23 11:00		26	529	215940
9/25/23 11:30		26	529	215940
9/25/23 12:00		26	529	215940
9/25/23 12:30		27	529	215940
9/25/23 13:00		27	529	215940
9/25/23 13:30		27	529	215940
9/25/23 14:00		27	529	215940
9/25/23 14:30		27	529	215940
9/25/23 15:00		27	528	215940
9/25/23 15:30		27	528	215940
9/25/23 16:00		28	529	215940
9/25/23 16:30		28	529	215940
9/25/23 17:00		28	528	215940
9/25/23 17:30		28	529	215940
9/25/23 18:00		28	528	215940
9/25/23 18:30		28	528	215940
9/25/23 19:00		28	528	215940
9/25/23 19:30		28	528	215940
9/25/23 20:00		28	528	215940
9/25/23 20:30		28	528	215940
9/25/23 21:00		28	528	215940
9/25/23 21:30		28	528	215940
9/25/23 22:00		28	528	215940
9/25/23 22:30		28	528	215940
9/25/23 23:00		28	528	215940
9/25/23 23:30		27	528	215940
9/26/23 0:00		27	528	215940
9/26/23 0:30		27	528	215940
9/26/23 1:00		27	528	215940
9/26/23 1:30		27	528	215940
9/26/23 2:00		27	527	215940
9/26/23 2:30		27	528	215940
9/26/23 3:00		27	528	215940
9/26/23 3:30		27	527	215940
9/26/23 4:00		27	528	215940
9/26/23 4:30		27	527	215940
9/26/23 5:00		27	527	215940
9/26/23 5:30		27	527	215940
9/26/23 6:00		27	527	215940
9/26/23 6:30		27	527	215940
9/26/23 7:00		27	527	215940
9/26/23 7:30		27	527	215940
9/26/23 8:00		27	527	215940
9/26/23 8:30		27	527	215940
9/26/23 9:00		27	527	215940
9/26/23 9:30		27	527	215940
9/26/23 10:00		27	527	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/26/23 10:30		27	527	215940
9/26/23 11:00		27	527	215940
9/26/23 11:30		27	527	215940
9/26/23 12:00		28	527	215940
9/26/23 12:30		28	527	215940
9/26/23 13:00		28	527	215940
9/26/23 13:30		28	527	215940
9/26/23 14:00		28	-6	215940
9/26/23 14:30		29	527	215940
9/26/23 15:00		29	527	215940
9/26/23 15:30		29	526	215940
9/26/23 16:00		29	526	215940
9/26/23 16:30		29	526	215940
9/26/23 17:00		29	526	215940
9/26/23 17:30		29	526	215940
9/26/23 18:00		29	526	215940
9/26/23 18:30		-6	526	215940
9/26/23 19:00		30	526	215940
9/26/23 19:30		30	526	215940
9/26/23 20:00		30	526	215940
9/26/23 20:30		29	525	215940
9/26/23 21:00		29	526	215940
9/26/23 21:30		29	526	215940
9/26/23 22:00		29	526	215940
9/26/23 22:30		29	526	215940
9/26/23 23:00		29	525	215940
9/26/23 23:30		29	526	215940
9/27/23 0:00		29	526	215940
9/27/23 0:30		28	526	215940
9/27/23 1:00		28	525	215940
9/27/23 1:30		28	525	215940
9/27/23 2:00		28	525	215940
9/27/23 2:30		28	525	215940
9/27/23 3:00		28	525	215940
9/27/23 3:30		28	525	215940
9/27/23 4:00		28	525	215940
9/27/23 4:30		28	525	215940
9/27/23 5:00		28	525	215940
9/27/23 5:30		28	525	215940
9/27/23 6:00		28	525	215940
9/27/23 6:30		28	525	215940
9/27/23 7:00		28	525	215940
9/27/23 7:30		28	525	215940
9/27/23 8:00		28	525	215940
9/27/23 8:30		-6	525	215940
9/27/23 9:00		28	525	215940
9/27/23 9:30		28	525	215940
9/27/23 10:00		28	525	215940
9/27/23 10:30		28	525	215940
9/27/23 11:00		28	525	215940
9/27/23 11:30		28	525	215940
9/27/23 12:00		29	525	215940
9/27/23 12:30		29	525	215940
9/27/23 13:00		29	525	215940
9/27/23 13:30		29	525	215940
9/27/23 14:00		29	524	215940
9/27/23 14:30		29	524	215940
9/27/23 15:00		29	524	215940
9/27/23 15:30		30	524	215940
9/27/23 16:00		30	524	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/27/23 16:30		30	524	215940
9/27/23 17:00		30	524	215940
9/27/23 17:30		30	524	215940
9/27/23 18:00		30	524	215940
9/27/23 18:30		-6	525	215940
9/27/23 19:00		30	524	215940
9/27/23 19:30		30	524	215940
9/27/23 20:00		30	524	215940
9/27/23 20:30		30	523	215940
9/27/23 21:00		30	524	215940
9/27/23 21:30		30	524	215940
9/27/23 22:00		30	524	215940
9/27/23 22:30		30	524	215940
9/27/23 23:00		30	524	215940
9/27/23 23:30		29	524	215940
9/28/23 0:00		29	523	215940
9/28/23 0:30		29	524	215940
9/28/23 1:00		29	524	215940
9/28/23 1:30		29	523	215940
9/28/23 2:00		29	523	215940
9/28/23 2:30		29	523	215940
9/28/23 3:00		29	524	215940
9/28/23 3:30		29	523	215940
9/28/23 4:00		29	523	215940
9/28/23 4:30		29	523	215940
9/28/23 5:00		29	523	215940
9/28/23 5:30		29	523	215940
9/28/23 6:00		29	523	215940
9/28/23 6:30		29	523	215940
9/28/23 7:00		29	523	215940
9/28/23 7:30		29	523	215940
9/28/23 8:00		29	523	215940
9/28/23 8:30		29	523	215940
9/28/23 9:00		29	523	215940
9/28/23 9:30		29	523	215940
9/28/23 10:00		29	523	215940
9/28/23 10:30		29	523	215940
9/28/23 11:00		29	522	215940
9/28/23 11:30		29	523	215940
9/28/23 12:00		29	523	215940
9/28/23 12:30		30	522	215940
9/28/23 13:00		30	523	215940
9/28/23 13:30		30	522	215940
9/28/23 14:00		30	523	215940
9/28/23 14:30		30	522	215940
9/28/23 15:00		30	522	215940
9/28/23 15:30		31	522	215940
9/28/23 16:00		31	522	215940
9/28/23 16:30		31	522	215940
9/28/23 17:00		31	522	215940
9/28/23 17:30		31	522	215940
9/28/23 18:00		31	522	215940
9/28/23 18:30		31	522	215940
9/28/23 19:00		31	522	215940
9/28/23 19:30		31	522	215940
9/28/23 20:00		31	522	215940
9/28/23 20:30		31	521	215940
9/28/23 21:00		31	522	215940
9/28/23 21:30		31	522	215940
9/28/23 22:00		31	522	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/28/23 22:30		30	522	215940
9/28/23 23:00		30	522	215940
9/28/23 23:30		30	522	215940
9/29/23 0:00		30	522	215940
9/29/23 0:30		30	521	215940
9/29/23 1:00		30	522	215940
9/29/23 1:30		30	522	215940
9/29/23 2:00		30	521	215940
9/29/23 2:30		30	521	215940
9/29/23 3:00		30	521	215940
9/29/23 3:30		30	521	215940
9/29/23 4:00		30	522	215940
9/29/23 4:30		30	521	215940
9/29/23 5:00		30	521	215940
9/29/23 5:30		30	521	215940
9/29/23 6:00		29	521	215940
9/29/23 6:30		29	521	215940
9/29/23 7:00		29	521	215940
9/29/23 7:30		29	521	215940
9/29/23 8:00		29	521	215940
9/29/23 8:30		29	521	215940
9/29/23 9:00		29	521	215940
9/29/23 9:30		29	522	215940
9/29/23 10:00		29	522	215940
9/29/23 10:30		30	521	215940
9/29/23 11:00		30	521	215940
9/29/23 11:30		30	521	215940
9/29/23 12:00		30	521	215940
9/29/23 12:30		30	521	215940
9/29/23 13:00		31	521	215940
9/29/23 13:30		31	521	215940
9/29/23 14:00		31	521	215940
9/29/23 14:30		31	521	215940
9/29/23 15:00		31	521	215940
9/29/23 15:30		31	520	215940
9/29/23 16:00		31	520	215940
9/29/23 16:30		31	520	215940
9/29/23 17:00		32	521	215940
9/29/23 17:30		32	520	215940
9/29/23 18:00		32	521	215940
9/29/23 18:30		32	520	215940
9/29/23 19:00		32	520	215940
9/29/23 19:30		-6	520	215940
9/29/23 20:00		32	520	215940
9/29/23 20:30		32	519	215940
9/29/23 21:00		32	520	215940
9/29/23 21:30		32	520	215940
9/29/23 22:00		31	520	215940
9/29/23 22:30		31	520	215940
9/29/23 23:00		31	520	215940
9/29/23 23:30		31	520	215940
9/30/23 0:00		31	520	215940
9/30/23 0:30		31	520	215940
9/30/23 1:00		31	520	215940
9/30/23 1:30		31	519	215940
9/30/23 2:00		31	520	215940
9/30/23 2:30		31	520	215940
9/30/23 3:00		31	519	215940
9/30/23 3:30		31	520	215940
9/30/23 4:00		31	520	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/30/23 4:30		30	520	215940
9/30/23 5:00		30	519	215940
9/30/23 5:30		30	519	215940
9/30/23 6:00		30	519	215940
9/30/23 6:30		30	520	215940
9/30/23 7:00		30	519	215940
9/30/23 7:30		30	519	215940
9/30/23 8:00		30	519	215940
9/30/23 8:30		30	519	215940
9/30/23 9:00		30	519	215940
9/30/23 9:30		30	520	215940
9/30/23 10:00		31	520	215940
9/30/23 10:30		31	520	215940
9/30/23 11:00		31	520	215940
9/30/23 11:30		31	519	215940
9/30/23 12:00		31	519	215940
9/30/23 12:30		31	519	215940
9/30/23 13:00		32	519	215940
9/30/23 13:30		32	519	215940
9/30/23 14:00		32	519	215940
9/30/23 14:30		32	519	215940
9/30/23 15:00		32	519	215940
9/30/23 15:30		32	519	215940
9/30/23 16:00		32	519	215940
9/30/23 16:30		32	518	215940
9/30/23 17:00		32	519	215940
9/30/23 17:30		32	519	215940
9/30/23 18:00		33	519	215940
9/30/23 18:30		33	518	215940
9/30/23 19:00		33	519	215940
9/30/23 19:30		33	519	215940
9/30/23 20:00		33	518	215940
9/30/23 20:30		32	518	215940
9/30/23 21:00		-6	518	215940
9/30/23 21:30		32	518	215940
9/30/23 22:00		32	518	215940
9/30/23 22:30		32	518	215940
9/30/23 23:00		32	518	215940
9/30/23 23:30		32	518	215940

ATTACHMENT E

Groundwater Monitoring Well Data

Summary & Evaluation

Monitoring Well Information

The following groundwater monitoring activities and evaluation is based on the information gathered from laboratory sample analytical data and the network of historical monitoring well data within the vicinity of WDW #2 to include upgradient and downgradient data points. Additional operational testing data and any significant activities are included in this summary.

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 and/or as agreed upon based on communications with OCD staff. 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 during the current report period and from several previous report periods 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 not collected during this report period. These measurements will be collected and reported in the next report period.

Chloride Concentrations

Chloride concentrations detected in the wastewaters 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 these total chloride results indicates a high bias. The September 2023 analytical results for samples collected at WDW #2 indicated a chloride concentration of 640 mg/L (Refer to Attachment B for the Analytical Summary and Attachment C for the laboratory report).

The upper-most water-bearing unit at Bloomfield Products Terminal has demonstrated a wide variability in chloride concentrations over the years. Adjacent upstream monitoring wells MW-52 and MW-53 have historically shown to contain elevated chloride concentrations. For example, MW-52 located approximately 250 feet upgradient of the recently installed MW-78 has historically had chloride concentrations averaging 532 mg/L. (See Chloride and Sulfate Analytical Table below.) No chloride samples were collected from adjacent monitoring wells during this report period.

Sulfate Concentrations

Sulfate concentrations detected in the wastewaters injected into WDW #2 were below the New Mexico WQCC standard of 600 mg/L. September 2023 analytical results for samples collected at WDW #2 indicated a sulfate concentration of 130 mg/L (Refer to Attachment B for the Analytical Summary and Attachment C for the laboratory report). Historical sulfate concentrations detected at adjacent upstream monitoring wells MW-52, MW-53, and downstream monitoring well MW-78 have typically been above the WQCC standard concentration of 600 mg/L. For example, MW-52 located approximately 250 feet upgradient of WDW #2 has varied between a low concentration of 120 mg/L and a high concentration of 1700 mg/L between 2016 and 2023. (Refer to the Chloride & Sulfate Analytical Table below.) Concentrations of sulfates detected at samples collected from the wastewaters injected into WDW #2 have been consistently well below the WQCC standard (between 6% and 14.5% below).

The following Chloride & Sulfate Analytical Table includes the most recent chloride and sulfate analytical data collected and includes (for reference) several historical data points from the monitoring wells within the vicinity of WDW #2 dating back to 2013.

Chloride & Sulfate Analytical Table (mg/L)

Well ID	Date	Chloride	Sulfate
Upstream of WDW #2			
MW-52	August-13*	670	1200
	August-14*	820	1700
	August-15*	560	1100
	August-16*	11	120
	August-20	560	980
	March-22	620	1500
	June-22	750	1600
	August-22	210	1100
	November-22	330	1500
	February-23	450	1500
	June-23	870	1300
MW-53	August-13*	620	1200
	August-14*	1000	1300
	August-15*	920	980
	August-16*	640	1400
	August-20	940	930
	March-22	800	1100
	June-22	870	1200
	September-22	1000	1100
	November-22	830	1100
	February-23	840	1100
	June-23	800	1200
Downstream of WDW #2			
MW-78	March-22	160	940
	June-22	220	1100
	September-22	300	730
	November-22	250	910
	February-23	170	1300
	June-23	240	2100
MW-68	August-13*	43	250
	August-14*	34	300
	August-15*	42	280
	August-16*	38	260
	August-20	20	230
	March-22	29	240
	June-22	44	240
	September-22	21	250
	November-22	33	250
	February-23	38	320
	June-23	180	510

Well ID	Date	Chloride	Sulfate
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
	June-22	920	58
	September-22	910	79
	December-22	710	84
	February-23	1100	110
	June-23	1000	82
	September-23	640	130

* Data provided for historical reference. WDW#2 was not installed until 2017.

Results Summary

The very consistent historical groundwater elevation gradient across the Bloomfield Products Terminal indicates that WDW #2 operations has not had an impact on the groundwater elevations or hydraulic gradient.

Concentrations of sulfates detected at samples collected from the wastewaters injected into WDW #2 have been consistently well below the 600 mg/L WQCC standard (between 6% and 14.5%). The historical elevated concentrations of sulfates found in the monitoring wells surrounding WDW #2 compared to sulfate concentrations in the WDW #2 samples demonstrate how the source of the sulfate concentrations found in the recently installed MW-78 cannot be from WDW #2.

Concentrations of chlorides detected at samples collected from the wastewaters injected into WDW #2 in September 2023 indicated a chloride concentration of 640 mg/L that is higher than the WQCC standard of 250 mg/L. Concentrations of chlorides detected in the monitoring wells upstream and downstream of WDW #2 demonstrate a wide variability in chloride concentrations over the years. Chloride concentrations detected in the recently installed MW-78 were found to be 240 mg/L during the June 2023 sampling event and 170 mg/L during the February 2023 sampling event. These results demonstrate the preexisting variability in chloride concentrations in the upper-most water-bearing unit at Bloomfield Products Terminal that have been present prior to the installation of WDW #2. (See Chloride and Sulfate Analytical Table.)

A comparison of the variability in general chemistry concentrations found in the monitoring wells upstream and downstream of WDW #2 to the wastewater sample results collected at WDW #2 shows there is no indication that the waters from the injection well have impacted the shallow water-bearing aquifer that is the uppermost water-bearing unit. The data from the analysis of the upstream monitoring wells show elevated concentrations of both chloride and sulfate originating hydrogeologically upgradient of WDW #2.

Well Testing Operations & Significant Activities

In September of 2023, the following testing operations were performed and witnessed by OCD:

- Bradenhead Test, completed September 5
- Emergency Shut Off “kill switch” Test, completed September 5
- Mechanical Integrity Test, completed September 5
- Fall Off Test, started September 5 and completed September 20

Attachment F

Test Reports

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-045-35747
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
8. Well Number: WDW #2
9. OGRID Number 267595
10. Pool name or Wildcat Entrada
4. Well Location Unit Letter <u>H</u> : <u>2028</u> feet from the <u>North</u> line and <u>111</u> feet from the <u>East</u> line Section <u>27</u> Township <u>29N</u> Range <u>11W</u> NMPM San Juan County
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Bradenhead Test, MIT, & Kill Switch
☒

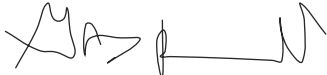
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

On September 5, 2023, pursuant to the Bloomfield Terminal Injection Well Discharge Permit (UICI-011) and guidance from NM OCD, Western Refining Southwest LLC ("Western") has completed a Bradenhead Test, emergency shutdown "kill switch" test, and Mechanical Integrity Test (MIT) on WDW #2.

NM OCD Aztec District Office was present to witness all testing activities. The intent is to initiate field-testing activities no later than Wednesday, August 16th to ensure completion of field activities prior to the end of September 2023.

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Sr Environmental Specialist DATE 9/14/2023

Type or print name Gary Russell E-mail address: gfrussell@marathonpetroleum.com PHONE: 678-594-6377
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emrds.state.nm.us/ocd/District III/3district.htm](http://emrds.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 5-SEP-2023 Operator WESTERN API #30-0 45-3S 747

Property Name WESTERN DISCAL Well No. 2 Location: Unit H Section 27 Township 24 Range 11

Well Status(Shut-In or Producing) Initial PSI: Tubing 550 Intermediate 311 Casing 0 Bradenhead 54

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE					FLOW CHARACTERISTICS	
	BH	Bradenhead Int	Csg	INTERM Int	Csg	BRADENHEAD	INTERMEDIATE
TIME							
5 min	0	312	0	5	0	Steady Flow	✓
10 min	0	311	0	0	0	Surges	
15 min	0	311	0	0	0	Down to Nothing	X
20 min						Nothing	
25 min						Gas	X
30 min						Gas & Water	✓
						Water	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 0

INTERMEDIATE 0

REMARKS:

MADE 10 GALLONS OF WATER IN THE FIRST
5 MINUTES BLEW DOWN TO 0 IN 10 MINUTES.
REQUESTED A GAS ANALYSIS.

By

J. R. M.

Witness

John Dufrenoy

ENV. Specialist
(Position)

E-mail address

grussell@marathonpetroleum.com



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 5-SEP-2023 Operator WESTERN API # 30-0 45-35747

Property Name WESTERN DISPOSAL Well # 2 Location: Unit ___ Sec ___ Twn 29 Rge 11

Land Type:

State _____
Federal _____
Private X _____
Indian _____

Well Type:

Water Injection _____
Salt Water Disposal X _____
Gas Injection _____
Producing Oil/Gas _____
Pressure observation _____

Temporarily Abandoned Well (Y/N): _____ TA Expires: _____

Casing Pres. _____ Tbg. SI Pres. _____ Max. Inj. Pres. _____
Bradenhead Pres. _____ Tbg. Inj. Pres. _____
Tubing Pres. _____
Int. Casing Pres. _____

Pressured annulus up to _____ psi. for _____ mins. Test passed/failed

REMARKS: 1000 PSI SPARK, 60 MINUTE CLOCK. THE CASING WAS
PRESSURED UP TO 560 PSI AND PRESSURE HELD FOR THE ENTIRE TEST

By [Signature]
(Operator Representative)
Env Specialist
(Position)

Witness [Signature]
(NMOCD)

Revised 02-11-02

5



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 280790

COMMENTS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 280790
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

COMMENTS

Created By	Comment	Comment Date
cchavez	Quarterly Report (QR) FY23 Q4 Submittal	11/9/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 280790

CONDITIONS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 280790
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

Created By	Condition	Condition Date
cchavez	None	11/9/2023