
Western Refining Southwest LLC

539 S Main Street
Findlay, OH 45840
Tel: 419.422.2121

February 2, 2024

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

Electronic Submittal via OCD e-permitting website

RE: Quarterly Injection Well Report – October to December 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 October 1st, 2023, and December 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
 - o Injection Well quarterly sampling analytical results
 - o Monitoring Wells semiannual sampling analytical results
- Attachment D: Well Operational Logs
- Attachment E: Groundwater Monitoring Well Data Summary & Evaluation
 - o Analytical Results Narrative
 - o Well Testing Operations & Significant Activities
- Attachment F: Groundwater Flow Direction, Hydraulic Gradient, Sulfate and Chloride Sampling Maps.

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

Sincerely,



Gary Russell
Senior Environmental Specialist
Western Refining Southwest LLC
CC: Environmental Manual
Terminal Manager

ATTACHMENT A

Quarterly Injection Well Summary Table

Western Refining Southwest LLC
Bloomfield Terminal
Summary

Period	Amount of Water From River (Barrels)	Amount From WWTP (Barrels)	Totalizer Amount Injected (Barrels)	Cumulative Total 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														
OCT	0	22405	32	216448	743.5	610	484	502	37	-8	16	33	33	0
NOV	0	10167	0	216448	721	496	479	485	17	12	15	0	-	0
DEC	0	9667	0	216448	744	483	471	475	19	2	15	0	-	0
Quarterly Averages and Totals	0	42238	32		2208.5	529.67	478.00	487.38	24.33	2.00	15.64	10.85	32.54	0.00

Total Volume
Injected: 32 Barrels

Attachment B

Quarterly Analytical Summary Table

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	Oct-Dec
Volatile Organic Compounds (mg/L)				
D029	1,1-Dichloroethene	0.70	5	< 0.70
D028	1,2-Dichloroethane (EDC)	0.50	10	< 0.50
D027	1,4-Dichlorobenzene	7.5		< 7.5
D035	2-Butanone (MEK)	200		< 200
D018	Benzene	0.50	10	< 0.50
D019	Carbon Tetrachloride	0.50	10	< 0.50
D021	Chlorobenzene	100		< 100
D022	Chloroform	6.0	100	< 6.0
D033	Hexachlorobutadiene	0.50		< 0.50
D039	Tetrachloroethene (PCE)	0.70	20	< 0.70
D040	Trichloroethene (TCE)	0.50	100	< 0.50
D043	Vinyl chloride	0.20	1	< 0.20
Semi-Volatile Organic Compounds (mg/L)				
D027	1,4-Dichlorobenzene	7.5		<7.5
D041	2,4,5-Trichlorophenol	400		<400
D042	2,4,6-Trichlorophenol	2.0		<2.0
D030	2,4-Dinitrotoluene	0.13		<0.13
D023	2-Methylphenol (o-Cresol)	200		<200
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<200
D032	Hexachlorobenzene	0.13		<0.13
D033	Hexachlorobutadiene	0.50		<.50
D034	Hexachloroethane	3.0		<3.0
D036	Nitrobenzene	2.0		<2.0
D037	Pentachlorophenol	100		<100
D038	Pyridine	5.0		<5.0
General Chemistry (mg/L unless otherwise stated)				
	Specific Conductance (umhos/cm3)			2700
	Bromide			1.8
	Chloride		250 *	580
	Fluoride			<0.5
	Nitrate + Nitrite as N			<0.5
	Phosphorus, Orthophosphate (As P)			<2.5
	Sulfate		600	110
	Total Dissolved Solids		1000 **	1460
	pH (pH Units)			8.02
	Bicarbonate (As CaCO3)			366
	Carbonate (As CaCO3)			<2.0
	Total Alkalinity (as CaCO3)			366
	Oxidation-Reduction Potential (mV)			46.8
	Specific Gravity			1.001
Total Metals (mg/L)				
D004	Arsenic	5.0		0.0023
D005	Barium	100		0.11
D006	Cadmium	1.0		< 0.002
D007	Chromium	5.0		< 0.006
D008	Lead	5.0		<0.001
D010	Selenium	1.0		0.0012
D011	Silver	5.0		< 0.005
D009	Mercury	0.2	0.002	< 0.0002
Dissolved Metals (mg/L)				
	Calcium			33
	Magnesium			31
	Potassium			18
	Sodium			480
Ignitability, Corrosivity, and Reactivity				
D003	Reactive Cyanide (mg/L)			<0.005
D003	Reactive Sulfide (mg/L)			<0.05
D001	Ignitability (° F)	< 140° F		>170
D002	Corrosivity (ph Units)	≤ 2 or ≥ 12.5	6-9	7.93
Pesticides (mg/L)				
	Chlordane	0.03		<0.005
Field Parameters				
	pH			8.4
	Temperature (° C)			22.2

Notes:

* = This screening level applies to the dissolved phase result, therefore the comparison is bias high.

** = This screening level is irrelevant as it applies to a domestic water supply, and the Entrada Formation is a brackish aquifer with TDS concentrations exceeding 10,000 mg/L.

ATTACHMENT C
Laboratory Analytical Reports



Environment Testing

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 06, 2023

Gary Russell

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX:

RE: Injection Well October 2023

OrderNo.: 2310545

Dear Gary Russell:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 10/11/2023 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued November 15, 2023.

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. 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. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact Eurofins Albuquerque 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", with a stylized flourish at the end.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2310545

Date Reported: 12/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well October 2023

Collection Date: 10/10/2023 9:00:00 AM

Lab ID: 2310545-001

Matrix: AQUEOUS

Received Date: 10/11/2023 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP							Analyst: JME
2-Methylphenol	ND	200		mg/L	1	10/16/2023 7:38:31 PM	78119
3+4-Methylphenol	ND	200		mg/L	1	10/16/2023 7:38:31 PM	78119
2,4-Dinitrotoluene	ND	0.13		mg/L	1	10/16/2023 7:38:31 PM	78119
Hexachlorobenzene	ND	0.13		mg/L	1	10/16/2023 7:38:31 PM	78119
Hexachlorobutadiene	ND	0.50		mg/L	1	10/16/2023 7:38:31 PM	78119
Hexachloroethane	ND	3.0		mg/L	1	10/16/2023 7:38:31 PM	78119
Nitrobenzene	ND	2.0		mg/L	1	10/16/2023 7:38:31 PM	78119
Pentachlorophenol	ND	100		mg/L	1	10/16/2023 7:38:31 PM	78119
Pyridine	ND	5.0		mg/L	1	10/16/2023 7:38:31 PM	78119
2,4,5-Trichlorophenol	ND	400		mg/L	1	10/16/2023 7:38:31 PM	78119
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	10/16/2023 7:38:31 PM	78119
Cresols, Total	ND	200		mg/L	1	10/16/2023 7:38:31 PM	78119
Surr: 2-Fluorophenol	11.4	20.8-71.9	S	%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: Phenol-d5	28.6	16.2-54.5		%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: 2,4,6-Tribromophenol	13.0	18.8-117	S	%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: Nitrobenzene-d5	76.0	33-85.9		%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: 2-Fluorobiphenyl	62.0	26.3-79.6		%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: 4-Terphenyl-d14	92.2	53.9-124		%Rec	1	10/16/2023 7:38:31 PM	78119
SPECIFIC GRAVITY							Analyst: RBC
Specific Gravity	1.001	0			1	10/19/2023 4:03:00 PM	R100593
EPA METHOD 300.0: ANIONS							Analyst: RBC
Fluoride	ND	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Chloride	580	25	*	mg/L	50	10/23/2023 4:02:25 PM	R100681
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Bromide	1.8	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	10/11/2023 5:36:25 PM	A100407
Sulfate	110	2.5		mg/L	5	10/11/2023 5:36:25 PM	A100407
SM2510B: SPECIFIC CONDUCTANCE							Analyst: RBC
Conductivity	2700	10		µmhos/c	1	10/20/2023 7:54:07 PM	R100636
SM2320B: ALKALINITY							Analyst: RBC
Bicarbonate (As CaCO ₃)	366.0	20.00		mg/L Ca	1	10/20/2023 7:54:07 PM	R100636
Carbonate (As CaCO ₃)	ND	2.000		mg/L Ca	1	10/20/2023 7:54:07 PM	R100636
Total Alkalinity (as CaCO ₃)	366.0	20.00		mg/L Ca	1	10/20/2023 7:54:07 PM	R100636
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: MCA
Total Dissolved Solids	1460	250	*D	mg/L	1	10/16/2023 3:15:00 PM	78147

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 2310545

Date Reported: 12/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well October 2023

Collection Date: 10/10/2023 9:00:00 AM

Lab ID: 2310545-001

Matrix: AQUEOUS

Received Date: 10/11/2023 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM4500-H+B / 9040C: PH							Analyst: RBC
pH	8.02		H	pH units	1	10/20/2023 7:54:07 PM	R100636
EPA METHOD 6020A: TOTAL METALS							Analyst: ELS
Arsenic	0.0023	0.0010		mg/L	1	10/23/2023 12:16:37 PM	78114
Lead	ND	0.0010		mg/L	1	10/23/2023 12:16:37 PM	78114
Selenium	0.0012	0.0010		mg/L	1	10/24/2023 1:29:18 PM	78114
EPA METHOD 7470A: MERCURY							Analyst: tem
Mercury	ND	0.00020		mg/L	1	11/7/2023 3:43:05 PM	78586
EPA METHOD 6010B: DISSOLVED METALS							Analyst: VP
Calcium	33	1.0		mg/L	1	10/16/2023 9:33:38 AM	A100484
Magnesium	31	1.0		mg/L	1	10/16/2023 9:33:38 AM	A100484
Potassium	18	1.0		mg/L	1	10/16/2023 9:33:38 AM	A100484
Sodium	480	10		mg/L	10	10/16/2023 9:52:30 AM	A100484
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: VP
Barium	0.11	0.0020		mg/L	1	10/16/2023 1:36:17 PM	78114
Cadmium	ND	0.0020		mg/L	1	10/16/2023 1:36:17 PM	78114
Chromium	ND	0.0060		mg/L	1	10/16/2023 1:36:17 PM	78114
Silver	ND	0.0050		mg/L	1	10/16/2023 1:36:17 PM	78114
EPA METHOD 8081: PESTICIDES							Analyst: SB
Chlordane	ND	5.0	D	µg/L	10	10/17/2023 1:17:39 PM	78111
Surr: Decachlorobiphenyl	0	38.2-130	SD	%Rec	10	10/17/2023 1:17:39 PM	78111
Surr: Tetrachloro-m-xylene	0	24.5-130	SD	%Rec	10	10/17/2023 1:17:39 PM	78111
TCLP VOLATILES BY 8260B							Analyst: JR
Benzene	ND	0.50		mg/L	200	10/18/2023 11:35:29 PM	T100565
Toluene	ND	0.50		mg/L	200	10/18/2023 11:35:29 PM	T100565
Ethylbenzene	ND	0.50		mg/L	200	10/18/2023 11:35:29 PM	T100565
Xylenes, Total	ND	0.50		mg/L	200	10/18/2023 11:35:29 PM	T100565
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	10/18/2023 11:35:29 PM	T100565
2-Butanone	ND	200		mg/L	200	10/18/2023 11:35:29 PM	T100565
Carbon Tetrachloride	ND	0.50		mg/L	200	10/18/2023 11:35:29 PM	T100565
Chloroform	ND	6.0		mg/L	200	10/18/2023 11:35:29 PM	T100565
1,4-Dichlorobenzene	ND	7.5		mg/L	200	10/18/2023 11:35:29 PM	T100565
1,1-Dichloroethene	ND	0.70		mg/L	200	10/18/2023 11:35:29 PM	T100565
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	10/18/2023 11:35:29 PM	T100565
Trichloroethene (TCE)	ND	0.50		mg/L	200	10/18/2023 11:35:29 PM	T100565
Vinyl chloride	ND	0.20		mg/L	200	10/18/2023 11:35:29 PM	T100565
Chlorobenzene	ND	100		mg/L	200	10/18/2023 11:35:29 PM	T100565

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
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	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2310545

Date Reported: 12/6/2023

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well October 2023

Collection Date: 10/10/2023 9:00:00 AM

Lab ID: 2310545-001

Matrix: AQUEOUS

Received Date: 10/11/2023 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B							Analyst: JR
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	200	10/18/2023 11:35:29 PM	T100565
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	200	10/18/2023 11:35:29 PM	T100565
Surr: Dibromofluoromethane	102	70-130		%Rec	200	10/18/2023 11:35:29 PM	T100565
Surr: Toluene-d8	100	70-130		%Rec	200	10/18/2023 11:35:29 PM	T100565

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

October 19, 2023

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1665846

Samples Received: 10/12/2023

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 National

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

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
2310545-001F INJECTION WELL L1665846-01	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	
Al: Accreditations & Locations	12	⁸ Al
Sc: Sample Chain of Custody	13	⁹ Sc

2310545-001F INJECTION WELL L1665846-01 GW

Collected by
Collected date/time
Received date/time

10/10/23 09:0010/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG2142161	1	10/18/23 15:33	10/18/23 15:33	NTG	Mt. Juliet, TN
Wet Chemistry by Method 4500 CN E-2016	WG2150710	1	10/16/23 17:29	10/16/23 23:47	LDT	Mt. Juliet, TN
Wet Chemistry by Method 4500 S2 D-2011	WG2151088	1	10/13/23 15:36	10/13/23 15:36	ARV	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2153323	1	10/18/23 17:45	10/18/23 17:45	NTG	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG2151742	1	10/16/23 03:05	10/16/23 03:05	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.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Collected date/time: 10/10/23 09:00

L1665846

Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	46.8	T8	1	10/18/2023 15:33	WG2142161

1 Cp

2 Tc

Wet Chemistry by Method 4500 CN E-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	10/16/2023 23:47	WG2150710

3 Ss

4 Cn

Wet Chemistry by Method 4500 S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	ND		0.0500	1	10/13/2023 15:36	WG2151088

5 Sr

6 Qc

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.93	T8	1	10/18/2023 17:45	WG2153323

7 Gl

8 Al

9 Sc

Sample Narrative:

L1665846-01 WG2153323: 7.93 at 19.7C

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	10/16/2023 03:05	WG2151742

Wet Chemistry by Method 2580

[L1665846-01](#)

L1665846-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1665846-01 10/18/23 15:33 • (DUP) R3987914-3 10/18/23 15:33

Analyte	Original Result	DUP Result	Dilution	DUP Diff	<u>DUP Qualifier</u>	DUP Diff Limits
	mV	mV		mV		mV
ORP	46.8	51.7	1	4.90		20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1666707-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1666707-01 10/18/23 15:33 • (DUP) R3987914-4 10/18/23 15:33

Analyte	Original Result	DUP Result	Dilution	DUP Diff	<u>DUP Qualifier</u>	DUP Diff Limits
	mV	mV		mV		mV
ORP	59.0	57.7	1	1.30		20

L1666707-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1666707-02 10/18/23 15:33 • (DUP) R3987914-5 10/18/23 15:33

Analyte	Original Result	DUP Result	Dilution	DUP Diff	<u>DUP Qualifier</u>	DUP Diff Limits
	mV	mV		mV		mV
ORP	115	120	1	4.40		20

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

(LCS) R3987914-1 10/18/23 15:33 • (LCSD) R3987914-2 10/18/23 15:33

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	Diff	Diff Limits
	mV	mV	mV	%	%	%			mV	mV
ORP	97.0	95.9	99.3	98.9	102	90.0-110			3.40	20

Method Blank (MB)

(MB) R3986884-1 10/16/23 23:07

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

L1665812-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1665812-03 10/16/23 23:20 • (DUP) R3986884-5 10/16/23 23:24

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP RPD Limits %
Reactive Cyanide	0.00680	0.00674	1	0.886	20

L1665818-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1665818-06 10/16/23 23:33 • (DUP) R3986884-6 10/16/23 23:34

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

Laboratory Control Sample (LCS)

(LCS) R3986884-2 10/16/23 23:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.100	100	87.1-120	

L1665812-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665812-02 10/16/23 23:16 • (MS) R3986884-3 10/16/23 23:17 • (MSD) R3986884-4 10/16/23 23:19

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	0.0923	0.0941	92.3	94.1	1	90.0-110			1.93	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3986063-1 10/13/23 15:35

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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1665846-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1665846-01 10/13/23 15:36 • (DUP) R3986063-3 10/13/23 15:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Sulfide	ND	ND	1	9.23		20

Laboratory Control Sample (LCS)

(LCS) R3986063-2 10/13/23 15:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Sulfide	0.500	0.470	94.0	85.0-115	

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 9040C

[L1665846-01](#)

L1665551-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1665551-01 10/18/23 17:45 • (DUP) R3988012-2 10/18/23 17:45

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	7.21	7.20	1	0.139		1

Sample Narrative:

OS: 7.21 at 19.8C

DUP: 7.2 at 19.6C

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1665843-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1665843-04 10/18/23 17:45 • (DUP) R3988012-3 10/18/23 17:45

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	7.77	7.78	1	0.129		1

Sample Narrative:

OS: 7.77 at 19.3C

DUP: 7.78 at 19.6C

Laboratory Control Sample (LCS)

(LCS) R3988012-1 10/18/23 17:45

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	su	su	%	%	
pH	10.0	9.99	99.9	99.0-101	

Sample Narrative:

LCS: 9.99 at 20.7C

L1665846-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1665846-01 10/16/23 03:05 • (DUP) R3986452-3 10/16/23 03:05

	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

¹ Cp

² Tc

³ Ss

L1666092-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1666092-04 10/16/23 03:05 • (DUP) R3986452-4 10/16/23 03:05

	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

⁴ Cn

⁵ Sr

⁶ Qc

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

(LCS) R3986452-1 10/16/23 03:05 • (LCSD) R3986452-2 10/16/23 03:05

	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	129	127	102	101	96.0-104			1.57	10

⁷ Gl

⁸ Al

⁹ Sc

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.

QualifierDescription

T8	Sample(s) received past/too close to holding time expiration.
----	---

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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.

¹Cp

²Tc

³Ss

⁴Cn

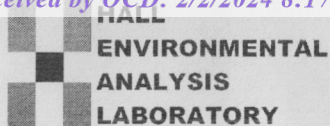
⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



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

D044

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	2310545-001F	Injection Well	500HDPE	Aqueous	10/10/2023 9:00:00 AM	3	RCI, ORP -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
 Sur: Client volume sent: ☐ Y ☐ N
 RA Screen <0.5 mR/hr: ☒ Y ☐ N

4.3 + 0 = 4.3

7737 1190 1550

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.

20

Relinquished By: <i>cm</i>	Date: 10/11/2023	Time: 11:42 AM	Received By: <i>Alexa Mitchell</i>	Date: 10/12/23	Time: 09:00	REPORT TRANSMITTAL DESIRED: ☐ HARD COPY (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#: 2310545
06-Dec-23

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

Sample ID: MB	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: A100407	RunNo: 100407								
Prep Date:	Analysis Date: 10/11/2023	SeqNo: 3677957 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: A100407	RunNo: 100407								
Prep Date:	Analysis Date: 10/11/2023	SeqNo: 3677958 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)	0.99	0.10	1.000	0	98.8	90	110			
Bromide	2.5	0.10	2.500	0	98.2	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			
Phosphorus, Orthophosphate (As P)	5.0	0.50	5.000	0	100	90	110			
Sulfate	9.9	0.50	10.00	0	99.1	90	110			

Sample ID: 2310545-001CMS	SampType: MS	TestCode: EPA Method 300.0: Anions								
Client ID: Injection Well	Batch ID: A100407	RunNo: 100407								
Prep Date:	Analysis Date: 10/11/2023	SeqNo: 3677960 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	2.5	0.50	2.500	0.2565	90.0	70	130			
Nitrogen, Nitrite (As N)	4.5	0.50	5.000	0	90.6	80	120			
Bromide	14	0.50	12.50	1.750	97.1	80	120			
Nitrogen, Nitrate (As N)	13	0.50	12.50	0	102	80	120			
Phosphorus, Orthophosphate (As P)	24	2.5	25.00	0	97.9	80	120			
Sulfate	160	2.5	50.00	112.4	102	80	120			

Sample ID: 2310545-001CMSD	SampType: MSD	TestCode: EPA Method 300.0: Anions								
Client ID: Injection Well	Batch ID: A100407	RunNo: 100407								
Prep Date:	Analysis Date: 10/11/2023	SeqNo: 3677961 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	2.5	0.50	2.500	0.2565	91.7	70	130	1.66	20	
Nitrogen, Nitrite (As N)	4.6	0.50	5.000	0	91.6	80	120	1.14	20	
Bromide	14	0.50	12.50	1.750	98.5	80	120	1.31	20	
Nitrogen, Nitrate (As N)	13	0.50	12.50	0	103	80	120	1.13	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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: 2310545-001CMSD		SampType: MSD		TestCode: EPA Method 300.0: Anions						
Client ID: Injection Well		Batch ID: A100407		RunNo: 100407						
Prep Date:		Analysis Date: 10/11/2023		SeqNo: 3677961		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phosphorus, Orthophosphate (As P)	25	2.5	25.00	0	99.6	80	120	1.66	20	
Sulfate	170	2.5	50.00	112.4	106	80	120	1.01	20	

Sample ID: MB		SampType: MBLK		TestCode: EPA Method 300.0: Anions						
Client ID: PBW		Batch ID: R100681		RunNo: 100681						
Prep Date:		Analysis Date: 10/23/2023		SeqNo: 3691972		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: R100681		RunNo: 100681						
Prep Date:		Analysis Date: 10/23/2023		SeqNo: 3691974		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.9	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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: MB-78114		SampType: MBLK		TestCode: EPA Method 6020A: Total Metals						
Client ID: PBW		Batch ID: 78114		RunNo: 100628						
Prep Date: 10/12/2023		Analysis Date: 10/20/2023		SeqNo: 3689340		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								
Selenium	ND	0.0010								

Sample ID: MSLCSLL-78114		SampType: LCSLL		TestCode: EPA Method 6020A: Total Metals						
Client ID: BatchQC		Batch ID: 78114		RunNo: 100628						
Prep Date: 10/12/2023		Analysis Date: 10/20/2023		SeqNo: 3689341		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010	0.001000	0	97.5	70	130			
Lead	ND	0.0010	0.001000	0	93.7	70	130			
Selenium	ND	0.0010	0.001000	0	96.3	70	130			

Sample ID: MSLCS-78114		SampType: LCS		TestCode: EPA Method 6020A: Total Metals						
Client ID: LCSW		Batch ID: 78114		RunNo: 100628						
Prep Date: 10/12/2023		Analysis Date: 10/20/2023		SeqNo: 3689342		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.049	0.0010	0.05000	0	97.9	80	120			
Lead	0.049	0.0010	0.05000	0	98.4	80	120			
Selenium	0.050	0.0010	0.05000	0	99.9	80	120			

Qualifiers:

*

Value exceeds Maximum Contaminant Level.

D

Sample Diluted Due to Matrix

H

Holding times for preparation or analysis exceeded

ND

Not Detected at the Reporting Limit

PQL

Practical Quantitative Limit

S

% Recovery outside of 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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: MB-78111		SampType: MBLK		TestCode: EPA Method 8081: PESTICIDES						
Client ID: PBW		Batch ID: 78111		RunNo: 100525						
Prep Date: 10/12/2023		Analysis Date: 10/17/2023		SeqNo: 3684456		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.1		2.500		85.8	38.2	130			
Surr: Tetrachloro-m-xylene	1.4		2.500		56.4	24.5	130			

Sample ID: LCS-78111		SampType: LCS		TestCode: EPA Method 8081: PESTICIDES						
Client ID: LCSW		Batch ID: 78111		RunNo: 100525						
Prep Date: 10/12/2023		Analysis Date: 10/17/2023		SeqNo: 3684457			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.9		2.500		76.6	38.2	130			
Surr: Tetrachloro-m-xylene	1.3		2.500		52.1	24.5	130			

Sample ID: LCSD-78111		SampType: LCSD		TestCode: EPA Method 8081: PESTICIDES						
Client ID: LCSS02		Batch ID: 78111		RunNo: 100525						
Prep Date: 10/12/2023		Analysis Date: 10/17/2023		SeqNo: 3684458		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.0		2.500		80.5	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.1		2.500		45.3	24.5	130	0	20	

Sample ID: MB-78111		SampType: MBLK		TestCode: EPA Method 8081: PESTICIDES						
Client ID: PBW		Batch ID: 78111		RunNo: 100525						
Prep Date: 10/12/2023		Analysis Date: 10/17/2023		SeqNo: 3684459		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		86.3	38.2	130			
Surr: Tetrachloro-m-xylene	1.4		2.500		56.8	24.5	130			

Sample ID: LCS-78111		SampType: LCS		TestCode: EPA Method 8081: PESTICIDES						
Client ID:	LCSW	Batch ID: 78111		RunNo: 100525						
Prep Date:	10/12/2023	Analysis Date: 10/17/2023		SeqNo: 3684460		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.9		2.500		76.3	38.2	130			
Surr: Tetrachloro-m-xylene	1.3		2.500		51.8	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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: LCSD-78111		SampType: LCSD		TestCode: EPA Method 8081: PESTICIDES							
Client ID: LCSS02		Batch ID: 78111		RunNo: 100525							
Prep Date: 10/12/2023		Analysis Date: 10/17/2023		SeqNo: 3684461			Units: %Rec				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl		2.0		2.500		80.4	38.2	130	0	20	
Surr: Tetrachloro-m-xylene		1.1		2.500		44.6	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#: 2310545

06-Dec-23

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

Sample ID: 100ng lcs2		SampType: LCS			TestCode: TCLP Volatiles by 8260B					
Client ID: LCSW		Batch ID: T100565			RunNo: 100565					
Prep Date:		Analysis Date: 10/18/2023			SeqNo: 3686029		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.021	0.010	0.02000	0	103	70	130			
1,1-Dichloroethene	0.024	0.010	0.02000	0	120	70	130			
Trichloroethene (TCE)	0.020	0.010	0.02000	0	97.9	70	130			
Chlorobenzene	0.021	0.010	0.02000	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	0.011		0.01000		105	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		103	70	130			
Surr: Dibromofluoromethane	0.0098		0.01000		98.4	70	130			
Surr: Toluene-d8	0.0099		0.01000		99.5	70	130			

Sample ID: mb		SampType: MBLK		TestCode: TCLP Volatiles by 8260B						
Client ID: PBW		Batch ID: T100565		RunNo: 100565						
Prep Date:		Analysis Date: 10/18/2023		SeqNo: 3686031			Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		104	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		103	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		99.7	70	130			
Surr: Toluene-d8	0.0096		0.01000		95.9	70	130			

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

Page 9 of 18

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: MB-78119	SampType: MBLK	TestCode: EPA Method 8270C TCLP								
Client ID: PBW	Batch ID: 78119	RunNo: 100483								
Prep Date: 10/12/2023	Analysis Date: 10/16/2023	SeqNo: 3682313	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	0.069		0.2000		34.5	20.8	71.9			
Surr: Phenol-d5	0.055		0.2000		27.4	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.069		0.2000		34.7	18.8	117			
Surr: Nitrobenzene-d5	0.041		0.1000		40.7	33	85.9			
Surr: 2-Fluorobiphenyl	0.031		0.1000		31.3	26.3	79.6			
Surr: 4-Terphenyl-d14	0.063		0.1000		62.7	53.9	124			

Sample ID: LCS-78119	SampType: LCS	TestCode: EPA Method 8270C TCLP								
Client ID: LCSW	Batch ID: 78119	RunNo: 100483								
Prep Date: 10/12/2023	Analysis Date: 10/16/2023	SeqNo: 3682314	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.043	0.00010	0.1000	0	43.3	26.8	92.9			
3+4-Methylphenol	0.089	0.00010	0.2000	0	44.3	23.7	100			
2,4-Dinitrotoluene	0.031	0.00010	0.1000	0	31.2	22.3	71.2			
Hexachlorobenzene	0.044	0.00010	0.1000	0	43.8	26.1	91.6			
Hexachlorobutadiene	0.024	0.00010	0.1000	0	24.3	15	74.2			
Hexachloroethane	0.027	0.00010	0.1000	0	26.6	15	85.4			
Nitrobenzene	0.045	0.00010	0.1000	0	45.2	26.1	89.6			
Pentachlorophenol	0.040	0.00010	0.1000	0	40.1	21.7	89.4			
Pyridine	0.029	0.00010	0.1000	0	29.4	15	68.4			
2,4,5-Trichlorophenol	0.044	0.00010	0.1000	0	43.9	27	97.9			
2,4,6-Trichlorophenol	0.044	0.00010	0.1000	0	44.2	27.9	92.6			
Cresols, Total	0.13	0.00010	0.3000	0	43.9	24.8	97.7			
Surr: 2-Fluorophenol	0.071		0.2000		35.6	20.8	71.9			
Surr: Phenol-d5	0.054		0.2000		27.1	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.077		0.2000		38.6	18.8	117			

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#: 2310545
06-Dec-23

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

Sample ID: LCS-78119	SampType: LCS		TestCode: EPA Method 8270C TCLP							
Client ID: LCSW	Batch ID: 78119		RunNo: 100483							
Prep Date: 10/12/2023	Analysis Date: 10/16/2023		SeqNo: 3682314		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Surr: Nitrobenzene-d5	0.044		0.1000		44.3	33	85.9			
Surr: 2-Fluorobiphenyl	0.033		0.1000		33.5	26.3	79.6			
Surr: 4-Terphenyl-d14	0.054		0.1000		54.3	53.9	124			

Sample ID: MB-78188		SampType: MBLK		TestCode: EPA Method 8270C TCLP						
Client ID: PBW		Batch ID: 78188		RunNo: 100669						
Prep Date: 10/19/2023		Analysis Date: 10/23/2023		SeqNo: 3691658			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Surr: 2-Fluorophenol	0.099		0.2000		49.6	20.8	71.9			
Surr: Phenol-d5	0.083		0.2000		41.5	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.14		0.2000		68.8	18.8	117			
Surr: Nitrobenzene-d5	0.055		0.1000		55.2	33	85.9			
Surr: 2-Fluorobiphenyl	0.036		0.1000		36.2	26.3	79.6			
Surr: 4-Terphenyl-d14	0.079		0.1000		78.7	53.9	124			

Sample ID: LCS-78188		SampType: LCS		TestCode: EPA Method 8270C TCLP						
Client ID: LCSW		Batch ID: 78188		RunNo: 100669						
Prep Date: 10/19/2023		Analysis Date: 10/23/2023		SeqNo: 3691659		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Surr: 2-Fluorophenol	0.11		0.2000		53.8	20.8	71.9			
Surr: Phenol-d5	0.091		0.2000		45.6	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.15		0.2000		75.3	18.8	117			
Surr: Nitrobenzene-d5	0.062		0.1000		61.7	33	85.9			
Surr: 2-Fluorobiphenyl	0.044		0.1000		43.6	26.3	79.6			
Surr: 4-Terphenyl-d14	0.082		0.1000		82.1	53.9	124			

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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: LCS-1 99.5uS eC	SampType: LCS	TestCode: SM2510B: Specific Conductance
Client ID: LCSW	Batch ID: R100636	RunNo: 100636
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3690133 Units: µmhos/cm
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Conductivity	100	10 99.50 0 101 85 115

Sample ID: LCSD-1 99.5 uS eC	SampType: LCSD	TestCode: SM2510B: Specific Conductance
Client ID: LCSS02	Batch ID: R100636	RunNo: 100636
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3690134 Units: µmhos/cm
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Conductivity	100	10 99.50 0 101 85 115 0.198 0

Sample ID: LCS-2 99.5uS eC	SampType: LCS	TestCode: SM2510B: Specific Conductance
Client ID: LCSW	Batch ID: R100636	RunNo: 100636
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3690162 Units: µmhos/cm
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Conductivity	99	10 99.50 0 99.5 85 115

Sample ID: LCS-3 99.5uS eC	SampType: LCS	TestCode: SM2510B: Specific Conductance
Client ID: LCSW	Batch ID: R100636	RunNo: 100636
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3690188 Units: µmhos/cm
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Conductivity	100	10 99.50 0 102 85 115

Sample ID: LCS-4 99.5uS eC	SampType: LCS	TestCode: SM2510B: Specific Conductance
Client ID: LCSW	Batch ID: R100636	RunNo: 100636
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3690214 Units: µmhos/cm
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Conductivity	110	10 99.50 0 106 85 115

Qualifiers:

*

D

H

ND

PQL

S

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quantitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

B

E

J

P

RL

Analyte detected in the associated Method Blank

Above Quantitation Range/Estimated Value

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2310545
06-Dec-23

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

Sample ID: MB-78586	SampType: MBLK	TestCode: EPA Method 7470A: Mercury
Client ID: PBW	Batch ID: 78586	RunNo: 101007
Prep Date: 11/6/2023	Analysis Date: 11/7/2023	SeqNo: 3707709 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND 0.00020	

Sample ID: LCSLL-78586	SampType: LCSLL	TestCode: EPA Method 7470A: Mercury
Client ID: BatchQC	Batch ID: 78586	RunNo: 101007
Prep Date: 11/6/2023	Analysis Date: 11/7/2023	SeqNo: 3707710 Units: mg/L
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Mercury	ND 0.00020 0.0001500	0 92.9 50 150

Sample ID: LCS-78586	SampType: LCS	TestCode: EPA Method 7470A: Mercury
Client ID: LCSW	Batch ID: 78586	RunNo: 101007
Prep Date: 11/6/2023	Analysis Date: 11/7/2023	SeqNo: 3707711 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 97.3 85 115

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit
S	% Recovery outside of 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#: 2310545
06-Dec-23

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

Sample ID: MB-A	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: PBW	Batch ID: A100484	RunNo: 100484								
Prep Date:	Analysis Date: 10/16/2023	SeqNo: 3681801 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	ND	1.00								
Magnesium	ND	1.00								
Potassium	ND	1.00								
Sodium	ND	1.00								

Sample ID: LCS_CAT-A	SampType: LCS	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: LCSW	Batch ID: A100484	RunNo: 100484								
Prep Date:	Analysis Date: 10/16/2023	SeqNo: 3681804 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	51.6	1.00	50.00	0	103	80	120			
Magnesium	52.8	1.00	50.00	0	106	80	120			
Potassium	52.5	1.00	50.00	0	105	80	120			
Sodium	52.5	1.00	50.00	0	105	80	120			

Sample ID: LCSD_CAT-A	SampType: LCSD	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: LCSS02	Batch ID: A100484	RunNo: 100484								
Prep Date:	Analysis Date: 10/16/2023	SeqNo: 3681808 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	52	1.0	50.00	0	103	80	120	0.151	20	
Magnesium	52	1.0	50.00	0	103	80	120	2.16	20	
Potassium	51	1.0	50.00	0	102	80	120	2.54	20	
Sodium	51	1.0	50.00	0	103	80	120	2.22	20	

Sample ID: 2310545-001DMS	SampType: MS	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: Injection Well	Batch ID: A100484	RunNo: 100484								
Prep Date:	Analysis Date: 10/16/2023	SeqNo: 3681834 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	82	1.0	50.00	32.65	98.4	75	125			
Magnesium	81	1.0	50.00	30.53	100	75	125			
Potassium	67	1.0	50.00	18.03	98.9	75	125			

Sample ID: 2310545-001DMSD	SampType: MSD	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: Injection Well	Batch ID: A100484	RunNo: 100484								
Prep Date:	Analysis Date: 10/16/2023	SeqNo: 3681838 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	81	1.0	50.00	32.65	97.6	75	125	0.506	20	
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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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: 2310545-001DMSD		SampType: MSD		TestCode: EPA Method 6010B: Dissolved Metals						
Client ID: Injection Well		Batch ID: A100484		RunNo: 100484						
Prep Date:		Analysis Date: 10/16/2023		SeqNo: 3681838		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	79	1.0	50.00	30.53	96.5	75	125	2.28	20	
Potassium	67	1.0	50.00	18.03	98.0	75	125	0.646	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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: MB-78114	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 78114	RunNo: 100484								
Prep Date: 10/12/2023	Analysis Date: 10/16/2023	SeqNo: 3681881	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Barium	ND	0.00200								
Cadmium	ND	0.00200								
Chromium	ND	0.00600								
Silver	ND	0.00500								

Sample ID: LCS-78114	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 78114	RunNo: 100484								
Prep Date: 10/12/2023	Analysis Date: 10/16/2023	SeqNo: 3681883	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Barium	0.492	0.00200	0.5000	0	98.4	80	120			
Cadmium	0.488	0.00200	0.5000	0	97.5	80	120			
Chromium	0.482	0.00600	0.5000	0	96.3	80	120			
Silver	0.0992	0.00500	0.1000	0	99.2	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#: 2310545
06-Dec-23

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

Sample ID: MB-1 Alk	SampType: MBLK	TestCode: SM2320B: Alkalinity								
Client ID: PBW	Batch ID: R100636	RunNo: 100636								
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3689986	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: R100636	RunNo: 100636								
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3689987	Units: mg/L CaCO3							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	78.48	20.00	80.00	0	98.1	90	110			

Sample ID: LCSD-1 Alk	SampType: LCSD	TestCode: SM2320B: Alkalinity								
Client ID: LCSS02	Batch ID: R100636	RunNo: 100636								
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3689988	Units: mg/L CaCO3							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	78.36	20.00	80.00	0	98.0	90	110	0.153	20	

Sample ID: MB-2 Alk	SampType: MBLK	TestCode: SM2320B: Alkalinity								
Client ID: PBW	Batch ID: R100636	RunNo: 100636								
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3690010	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-2 Alk	SampType: LCS	TestCode: SM2320B: Alkalinity								
Client ID: LCSW	Batch ID: R100636	RunNo: 100636								
Prep Date:	Analysis Date: 10/20/2023	SeqNo: 3690011	Units: mg/L CaCO3							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	76.84	20.00	80.00	0	96.0	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#: 2310545

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: MB-78147	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 78147	RunNo: 100480								
Prep Date: 10/13/2023	Analysis Date: 10/16/2023	SeqNo: 3681696		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-78147	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 78147	RunNo: 100480								
Prep Date: 10/13/2023	Analysis Date: 10/16/2023	SeqNo: 3681697		Units: mg/L						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1000	50.0	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



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: 2310545

RcptNo: 1

Received By: Tracy Casarrubias 10/11/2023 6:40:00 AM

Completed By: Tracy Casarrubias 10/11/2023 10:37:52 AM

Reviewed By: DAD 10/11/23

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 ☐
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels? Yes ☒ No ☐
- (Note discrepancies on chain of custody)
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? Yes ☒ No ☐
- (If no, notify customer for authorization.)

of preserved
bottles checked
for pH:

2 2
(2 or >12 unless noted)

Adjusted? yes

Checked by: ju 10/11/23

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:

~125mL poured off and filtered for sample 001D. (Filter Lot# FJ0278). Proceeded to add ~0.40mL of HNO3 (Chem#7115) to sample 001D for proper pH- used 2 Filters - ju 10/11/23

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.2	Good	Yes	Yogi		



Environment Testing

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 06, 2023

Stuart Hyde

ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410

TEL: (903) 821-5603

FAX:

RE: BT

OrderNo.: 2310C44

Dear Stuart Hyde:

Eurofins Environment Testing South Central, LLC received 3 sample(s) on 10/26/2023 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 do not hesitate to contact Eurofins Albuquerque 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", with a stylized flourish at the end.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order: 2310C44

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM

Lab Order: 2310C44

Project: BT

Lab ID: 2310C44-001

Collection Date: 10/25/2023 12:10:00 PM

Client Sample ID: MW-52

Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	1400	50	*	mg/L	100	10/27/2023 10:27:01 AM	R1008C
Sulfate	1500	50	*	mg/L	100	10/27/2023 10:27:01 AM	R1008C

Lab ID: 2310C44-002

Collection Date: 10/25/2023 12:30:00 PM

Client Sample ID: MW-53

Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	860	50	*	mg/L	100	10/27/2023 11:16:39 AM	R1008C
Sulfate	1300	50	*	mg/L	100	10/27/2023 11:16:39 AM	R1008C

Lab ID: 2310C44-003

Collection Date: 10/25/2023 11:45:00 AM

Client Sample ID: MW-68

Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS							Analyst: RBC
Chloride	340	50	*	mg/L	100	10/27/2023 12:06:16 PM	R1008C
Sulfate	720	50	*	mg/L	100	10/27/2023 12:06:16 PM	R1008C

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.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310C44

06-Nov-23

Client: ENSOLUM

Project: BT

Sample ID: MB		SampType: MBLK			TestCode: EPA Method 300.0: Anions					
Client ID: PBW		Batch ID: R100805			RunNo: 100805					
Prep Date:		Analysis Date: 10/27/2023			SeqNo: 3697394		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								

Sample ID: LCS		SampType: LCS			TestCode: EPA Method 300.0: Anions					
Client ID: LCSW		Batch ID: R100805			RunNo: 100805					
Prep Date:		Analysis Date: 10/27/2023			SeqNo: 3697395		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.5	90	110			
Sulfate	9.7	0.50	10.00	0	97.2	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



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: ENSOLUM

Work Order Number: 2310C44

RcptNo: 1

Received By: Juan Rojas

10/26/2023 7:30:00 AM

Completed By: Cheyenne Cason

10/26/2023 12:38:25 PM

Reviewed By:

ju10/26/23

[Signature]

[Signature]

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: SCM 10/26/23

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:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	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)
10/1/23 0:00		32	518	216416
10/1/23 0:30		32	518	216416
10/1/23 1:00		32	518	216416
10/1/23 1:30		32	518	216416
10/1/23 2:00		32	518	216416
10/1/23 2:30		32	518	216416
10/1/23 3:00		32	518	216416
10/1/23 3:30		32	518	216416
10/1/23 4:00		32	518	216416
10/1/23 4:30		32	518	216416
10/1/23 5:00		32	518	216416
10/1/23 5:30		32	518	216416
10/1/23 6:00		32	518	216416
10/1/23 6:30		32	518	216416
10/1/23 7:00		32	518	216416
10/1/23 7:30		32	518	216416
10/1/23 8:00		32	518	216416
10/1/23 8:30		32	518	216416
10/1/23 9:00		32	518	216416
10/1/23 9:30		32	518	216416
10/1/23 10:00		32	518	216416
10/1/23 10:30		32	518	216416
10/1/23 11:00		32	518	216416
10/1/23 11:30		32	518	216416
10/1/23 12:00		32	518	216416
10/1/23 12:30		32	517	216416
10/1/23 13:00		33	517	216416
10/1/23 13:30		33	517	216416
10/1/23 14:00		33	517	216416
10/1/23 14:30		33	517	216416
10/1/23 15:00		33	518	216416
10/1/23 15:30		33	517	216416
10/1/23 16:00		33	517	216416
10/1/23 16:30		33	517	216416
10/1/23 17:00		33	517	216416
10/1/23 17:30		33	517	216416
10/1/23 18:00		33	517	216416
10/1/23 18:30		33	517	216416
10/1/23 19:00		33	517	216416
10/1/23 19:30		33	517	216416
10/1/23 20:00		33	517	216416
10/1/23 20:30		33	517	216416
10/1/23 21:00		33	517	216416
10/1/23 21:30		33	517	216416
10/1/23 22:00		33	517	216416
10/1/23 22:30		33	517	216416
10/1/23 23:00		33	517	216416
10/1/23 23:30		33	517	216416
10/2/23 0:00		33	517	216416
10/2/23 0:30		33	517	216416
10/2/23 1:00		33	517	216416
10/2/23 1:30		33	517	216416
10/2/23 2:00		33	517	216416
10/2/23 2:30		33	516	216416
10/2/23 3:00		33	516	216416
10/2/23 3:30		33	517	216416
10/2/23 4:00		33	516	216416
10/2/23 4:30		33	516	216416
10/2/23 5:00		33	516	216416

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/2/23 5:30		33	516	216416
10/2/23 6:00		33	516	216416
10/2/23 6:30		33	516	216416
10/2/23 7:00		33	516	216416
10/2/23 7:30		33	516	216416
10/2/23 8:00		33	516	216416
10/2/23 8:30		33	516	216416
10/2/23 9:00		32	516	216416
10/2/23 9:30		32	516	216416
10/2/23 10:00		33	517	216416
10/2/23 10:30		33	516	216416
10/2/23 11:00		33	516	216416
10/2/23 11:30		33	516	216416
10/2/23 12:00		33	516	216416
10/2/23 12:30		33	516	216416
10/2/23 13:00		33	517	216416
10/2/23 13:30		33	515	216416
10/2/23 14:00		33	516	216416
10/2/23 14:30		33	515	216416
10/2/23 15:00		33	515	216416
10/2/23 15:30		33	516	216416
10/2/23 16:00		33	515	216416
10/2/23 16:30		33	516	216416
10/2/23 17:00		33	516	216416
10/2/23 17:30		33	516	216416
10/2/23 18:00		33	516	216416
10/2/23 18:30		33	516	216416
10/2/23 19:00		33	516	216416
10/2/23 19:30		33	515	216416
10/2/23 20:00		33	516	216416
10/2/23 20:30		33	515	216416
10/2/23 21:00		33	515	216416
10/2/23 21:30		33	515	216416
10/2/23 22:00		33	515	216416
10/2/23 22:30		32	515	216416
10/2/23 23:00		32	515	216416
10/2/23 23:30		32	515	216416
10/3/23 0:00		32	515	216416
10/3/23 0:30		32	515	216416
10/3/23 1:00		32	515	216416
10/3/23 1:30		32	515	216416
10/3/23 2:00		32	515	216416
10/3/23 2:30		32	515	216416
10/3/23 3:00		32	515	216416
10/3/23 3:30		32	515	216416
10/3/23 4:00		32	515	216416
10/3/23 4:30		32	515	216416
10/3/23 5:00		32	515	216416
10/3/23 5:30		32	515	216416
10/3/23 6:00		32	515	216416
10/3/23 6:30		32	515	216416
10/3/23 7:00		32	515	216416
10/3/23 7:30		32	515	216416
10/3/23 8:00		32	515	216416
10/3/23 8:30		32	514	216416
10/3/23 9:00		32	514	216416
10/3/23 9:30		32	514	216416
10/3/23 10:00		32	515	216416
10/3/23 10:30		32	515	216416
10/3/23 11:00		32	515	216416
10/3/23 11:30		33	515	216416
10/3/23 12:00		33	514	216416

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/3/23 12:30		33	514	216416
10/3/23 13:00		33	515	216416
10/3/23 13:30		33	514	216416
10/3/23 14:00		33	515	216416
10/3/23 14:30		33	514	216416
10/3/23 15:00		33	514	216416
10/3/23 15:30		33	514	216416
10/3/23 16:00		34	514	216416
10/3/23 16:30		34	514	216416
10/3/23 17:00		34	514	216416
10/3/23 17:30		34	514	216416
10/3/23 18:00		34	514	216416
10/3/23 18:30		34	514	216416
10/3/23 19:00		34	514	216416
10/3/23 19:30		34	514	216416
10/3/23 20:00		34	514	216416
10/3/23 20:30		34	513	216416
10/3/23 21:00		34	514	216416
10/3/23 21:30		34	514	216416
10/3/23 22:00		33	514	216416
10/3/23 22:30		33	514	216416
10/3/23 23:00		33	514	216416
10/3/23 23:30		33	514	216416
10/4/23 0:00		33	514	216416
10/4/23 0:30		33	514	216416
10/4/23 1:00		33	514	216416
10/4/23 1:30		33	514	216416
10/4/23 2:00		33	514	216416
10/4/23 2:30		33	514	216416
10/4/23 3:00		33	513	216416
10/4/23 3:30		33	513	216416
10/4/23 4:00		33	513	216416
10/4/23 4:30		33	513	216416
10/4/23 5:00		33	513	216416
10/4/23 5:30		33	513	216416
10/4/23 6:00		33	513	216416
10/4/23 6:30		33	513	216416
10/4/23 7:00		33	513	216416
10/4/23 7:30		33	513	216416
10/4/23 8:00		33	513	216416
10/4/23 8:30		33	513	216416
10/4/23 9:00		33	513	216416
10/4/23 9:30		33	513	216416
10/4/23 10:00		33	514	216416
10/4/23 10:30		33	514	216416
10/4/23 11:00		33	514	216416
10/4/23 11:30		33	513	216416
10/4/23 12:00		33	513	216416
10/4/23 12:30		34	513	216416
10/4/23 13:00		34	513	216416
10/4/23 13:30		34	513	216416
10/4/23 14:00		34	513	216416
10/4/23 14:30		34	513	216416
10/4/23 15:00		34	513	216416
10/4/23 15:30		34	512	216416
10/4/23 16:00		34	512	216416
10/4/23 16:30		34	513	216416
10/4/23 17:00		34	512	216416
10/4/23 17:30		34	512	216416
10/4/23 18:00		35	512	216416
10/4/23 18:30		35	512	216416
10/4/23 19:00		35	512	216416

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/4/23 19:30		35	512	216416
10/4/23 20:00		35	512	216416
10/4/23 20:30		35	512	216416
10/4/23 21:00		34	512	216416
10/4/23 21:30		34	512	216416
10/4/23 22:00		34	512	216416
10/4/23 22:30		34	512	216416
10/4/23 23:00		34	512	216416
10/4/23 23:30		34	512	216416
10/5/23 0:00		34	512	216416
10/5/23 0:30		34	512	216416
10/5/23 1:00		34	512	216416
10/5/23 1:30		34	512	216416
10/5/23 2:00		34	512	216416
10/5/23 2:30		34	512	216416
10/5/23 3:00		34	512	216416
10/5/23 3:30		34	512	216416
10/5/23 4:00		34	512	216416
10/5/23 4:30		33	512	216416
10/5/23 5:00		33	512	216416
10/5/23 5:30		33	512	216416
10/5/23 6:00		33	512	216416
10/5/23 6:30		33	512	216416
10/5/23 7:00		33	512	216416
10/5/23 7:30		33	512	216416
10/5/23 8:00		33	512	216416
10/5/23 8:30		33	512	216416
10/5/23 9:00		33	512	216416
10/5/23 9:30		33	512	216416
10/5/23 10:00		33	512	216416
10/5/23 10:30		33	512	216416
10/5/23 11:00		34	512	216416
10/5/23 11:30		34	512	216416
10/5/23 12:00		34	512	216416
10/5/23 12:30		34	512	216416
10/5/23 13:00		34	511	216416
10/5/23 13:30		34	512	216416
10/5/23 14:00		35	512	216416
10/5/23 14:30		35	511	216416
10/5/23 15:00		35	512	216416
10/5/23 15:30		35	511	216416
10/5/23 16:00		35	512	216416
10/5/23 16:30		35	511	216416
10/5/23 17:00		35	511	216416
10/5/23 17:30		35	511	216416
10/5/23 18:00		35	511	216416
10/5/23 18:30		35	511	216416
10/5/23 19:00		35	511	216416
10/5/23 19:30		35	511	216416
10/5/23 20:00		35	511	216416
10/5/23 20:30		35	511	216416
10/5/23 21:00		35	511	216416
10/5/23 21:30		35	511	216416
10/5/23 22:00		35	511	216416
10/5/23 22:30		35	511	216416
10/5/23 23:00		35	511	216416
10/5/23 23:30		35	511	216416
10/6/23 0:00		34	511	216416
10/6/23 0:30		34	511	216416
10/6/23 1:00		34	511	216416
10/6/23 1:30		34	511	216416
10/6/23 2:00		34	511	216416

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/6/23 2:30		34	511	216416
10/6/23 3:00		34	511	216416
10/6/23 3:30		34	511	216416
10/6/23 4:00		34	511	216416
10/6/23 4:30		34	511	216416
10/6/23 5:00		34	511	216416
10/6/23 5:30		34	511	216416
10/6/23 6:00		34	510	216416
10/6/23 6:30		34	511	216416
10/6/23 7:00		34	511	216416
10/6/23 7:30		34	511	216416
10/6/23 8:00		34	510	216416
10/6/23 8:30		34	510	216416
10/6/23 9:00		34	511	216416
10/6/23 9:30		34	511	216416
10/6/23 10:00		34	511	216416
10/6/23 10:30		34	511	216416
10/6/23 11:00		34	511	216416
10/6/23 11:30		34	511	216416
10/6/23 12:00		34	511	216416
10/6/23 12:30		35	511	216416
10/6/23 13:00		35	511	216416
10/6/23 13:30		35	511	216416
10/6/23 14:00		35	511	216416
10/6/23 14:30		35	510	216416
10/6/23 15:00		35	510	216416
10/6/23 15:30		35	510	216416
10/6/23 16:00		36	510	216416
10/6/23 16:30		36	510	216416
10/6/23 17:00		36	510	216416
10/6/23 17:30		36	510	216416
10/6/23 18:00		36	510	216416
10/6/23 18:30		36	510	216416
10/6/23 19:00		36	510	216416
10/6/23 19:30		36	510	216416
10/6/23 20:00		36	510	216416
10/6/23 20:30		36	510	216416
10/6/23 21:00		36	510	216416
10/6/23 21:30		36	510	216416
10/6/23 22:00		36	510	216416
10/6/23 22:30		35	510	216416
10/6/23 23:00		35	510	216416
10/6/23 23:30		35	510	216416
10/7/23 0:00		35	510	216416
10/7/23 0:30		35	510	216416
10/7/23 1:00		35	510	216416
10/7/23 1:30		35	510	216416
10/7/23 2:00		35	510	216416
10/7/23 2:30		35	510	216416
10/7/23 3:00		35	510	216416
10/7/23 3:30		35	510	216416
10/7/23 4:00		35	510	216416
10/7/23 4:30		35	510	216416
10/7/23 5:00		35	509	216416
10/7/23 5:30		35	509	216416
10/7/23 6:00		35	510	216416
10/7/23 6:30		35	510	216416
10/7/23 7:00		35	509	216416
10/7/23 7:30		35	509	216416
10/7/23 8:00		35	509	216416
10/7/23 8:30		35	509	216416
10/7/23 9:00		35	509	216416

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/7/23 9:30		35	510	216416
10/7/23 10:00		35	510	216416
10/7/23 10:30		35	510	216416
10/7/23 11:00		35	509	216416
10/7/23 11:30		35	509	216416
10/7/23 12:00		35	509	216416
10/7/23 12:30		35	509	216416
10/7/23 13:00		36	509	216416
10/7/23 13:30		36	509	216416
10/7/23 14:00		36	509	216416
10/7/23 14:30		36	509	216416
10/7/23 15:00		36	509	216416
10/7/23 15:30		36	509	216416
10/7/23 16:00		36	509	216416
10/7/23 16:30		36	509	216416
10/7/23 17:00		36	509	216416
10/7/23 17:30		36	509	216416
10/7/23 18:00		37	509	216416
10/7/23 18:30		37	509	216416
10/7/23 19:00		37	509	216416
10/7/23 19:30		37	509	216416
10/7/23 20:00		37	508	216416
10/7/23 20:30		36	509	216416
10/7/23 21:00		36	509	216416
10/7/23 21:30		36	509	216416
10/7/23 22:00		36	509	216416
10/7/23 22:30		36	509	216416
10/7/23 23:00		36	509	216416
10/7/23 23:30		36	509	216416
10/8/23 0:00		36	509	216416
10/8/23 0:30		35	509	216416
10/8/23 1:00		35	509	216416
10/8/23 1:30		35	509	216416
10/8/23 2:00		35	509	216416
10/8/23 2:30		35	508	216416
10/8/23 3:00		35	509	216416
10/8/23 3:30		35	509	216416
10/8/23 4:00		35	508	216416
10/8/23 4:30		35	508	216416
10/8/23 5:00		35	508	216416
10/8/23 5:30		35	508	216416
10/8/23 6:00		35	508	216416
10/8/23 6:30		35	508	216416
10/8/23 7:00		35	508	216416
10/8/23 7:30		35	508	216416
10/8/23 8:00		35	508	216416
10/8/23 8:30		35	508	216416
10/8/23 9:00		35	508	216416
10/8/23 9:30		35	509	216416
10/8/23 10:00		35	509	216416
10/8/23 10:30		35	508	216416
10/8/23 11:00		35	508	216416
10/8/23 11:30		35	508	216416
10/8/23 12:00		36	508	216416
10/8/23 12:30		36	508	216416
10/8/23 13:00		36	509	216416
10/8/23 13:30		36	508	216416
10/8/23 14:00		36	508	216416
10/8/23 14:30		36	508	216416
10/8/23 15:00		36	508	216416
10/8/23 15:30		36	507	216416
10/8/23 16:00		37	508	216416

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/8/23 16:30		37	508	216416
10/8/23 17:00		37	508	216416
10/8/23 17:30		37	508	216416
10/8/23 18:00		37	508	216416
10/8/23 18:30		37	508	216416
10/8/23 19:00		37	508	216416
10/8/23 19:30		37	508	216416
10/8/23 20:00		37	508	216416
10/8/23 20:30		37	508	216416
10/8/23 21:00		37	508	216416
10/8/23 21:30		37	508	216416
10/8/23 22:00		36	508	216416
10/8/23 22:30		36	508	216416
10/8/23 23:00		36	508	216416
10/8/23 23:30		36	508	216416
10/9/23 0:00		36	508	216416
10/9/23 0:30		36	508	216416
10/9/23 1:00		36	508	216416
10/9/23 1:30		36	508	216416
10/9/23 2:00		36	508	216416
10/9/23 2:30		36	508	216416
10/9/23 3:00		36	507	216416
10/9/23 3:30		36	508	216416
10/9/23 4:00		35	507	216416
10/9/23 4:30		35	507	216416
10/9/23 5:00		35	507	216416
10/9/23 5:30		35	507	216416
10/9/23 6:00		35	507	216416
10/9/23 6:30		35	507	216416
10/9/23 7:00		35	508	216416
10/9/23 7:30		35	508	216416
10/9/23 8:00		35	507	216416
10/9/23 8:30		35	507	216416
10/9/23 9:00		35	507	216416
10/9/23 9:30		35	508	216416
10/9/23 10:00		35	508	216416
10/9/23 10:30		35	507	216416
10/9/23 11:00		35	507	216416
10/9/23 11:30		36	507	216416
10/9/23 12:00		36	507	216416
10/9/23 12:30		36	507	216416
10/9/23 13:00		36	508	216416
10/9/23 13:30		36	508	216416
10/9/23 14:00		36	507	216416
10/9/23 14:30		37	507	216416
10/9/23 15:00		37	507	216416
10/9/23 15:30		37	507	216416
10/9/23 16:00		37	507	216416
10/9/23 16:30		37	507	216416
10/9/23 17:00		37	507	216416
10/9/23 17:30		37	507	216416
10/9/23 18:00		37	507	216416
10/9/23 18:30		37	507	216416
10/9/23 19:00		37	507	216416
10/9/23 19:30		37	507	216416
10/9/23 20:00		37	506	216416
10/9/23 20:30		37	506	216416
10/9/23 21:00		37	507	216416
10/9/23 21:30		37	507	216416
10/9/23 22:00		37	507	216416
10/9/23 22:30		37	506	216416
10/9/23 23:00		37	507	216416

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/9/23 23:30		36	507	216416
10/10/23 0:00		36	506	216416
10/10/23 0:30		36	507	216416
10/10/23 1:00		36	506	216416
10/10/23 1:30		36	506	216416
10/10/23 2:00		36	506	216416
10/10/23 2:30		36	506	216416
10/10/23 3:00		36	506	216416
10/10/23 3:30		36	507	216416
10/10/23 4:00		36	506	216416
10/10/23 4:30		36	507	216416
10/10/23 5:00		36	507	216416
10/10/23 5:30		36	507	216416
10/10/23 6:00		36	506	216416
10/10/23 6:30		36	506	216416
10/10/23 7:00		36	507	216416
10/10/23 7:30		36	506	216416
10/10/23 8:00		36	507	216416
10/10/23 8:30		36	506	216416
10/10/23 9:00		36	506	216416
10/10/23 9:30		36	507	216416
10/10/23 10:00		36	507	216416
10/10/23 10:30		36	507	216416
10/10/23 11:00		36	506	216416
10/10/23 11:30		-1	506	216416
10/10/23 12:00	32.5	2	610	216417
10/10/23 12:30		-8	558	216448
10/10/23 13:00		-8	533	216448
10/10/23 13:30		-8	523	216448
10/10/23 14:00		-8	519	216448
10/10/23 14:30		-8	516	216448
10/10/23 15:00		-8	515	216448
10/10/23 15:30		-8	514	216448
10/10/23 16:00		-8	512	216448
10/10/23 16:30		-7	512	216448
10/10/23 17:00		-7	511	216448
10/10/23 17:30		-7	511	216448
10/10/23 18:00		-6	510	216448
10/10/23 18:30		-6	510	216448
10/10/23 19:00		-6	510	216448
10/10/23 19:30		-5	510	216448
10/10/23 20:00		-5	509	216448
10/10/23 20:30		-5	509	216448
10/10/23 21:00		-5	509	216448
10/10/23 21:30		-4	509	216448
10/10/23 22:00		-4	509	216448
10/10/23 22:30		-4	509	216448
10/10/23 23:00		-4	508	216448
10/10/23 23:30		-4	508	216448
10/11/23 0:00		-4	508	216448
10/11/23 0:30		-3	508	216448
10/11/23 1:00		-3	508	216448
10/11/23 1:30		-3	508	216448
10/11/23 2:00		-3	508	216448
10/11/23 2:30		-3	508	216448
10/11/23 3:00		-3	508	216448
10/11/23 3:30		-3	508	216448
10/11/23 4:00		-2	508	216448
10/11/23 4:30		-2	508	216448
10/11/23 5:00		-2	507	216448
10/11/23 5:30		-2	507	216448
10/11/23 6:00		-2	508	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/11/23 6:30		-2	508	216448
10/11/23 7:00		-2	508	216448
10/11/23 7:30		-2	507	216448
10/11/23 8:00		-1	507	216448
10/11/23 8:30		-1	507	216448
10/11/23 9:00		-1	507	216448
10/11/23 9:30		-1	508	216448
10/11/23 10:00		-1	508	216448
10/11/23 10:30		-1	508	216448
10/11/23 11:00		-1	507	216448
10/11/23 11:30		1	507	216448
10/11/23 12:00		1	507	216448
10/11/23 12:30		1	507	216448
10/11/23 13:00		1	507	216448
10/11/23 13:30		1	507	216448
10/11/23 14:00		1	507	216448
10/11/23 14:30		1	506	216448
10/11/23 15:00		2	507	216448
10/11/23 15:30		2	506	216448
10/11/23 16:00		2	506	216448
10/11/23 16:30		2	506	216448
10/11/23 17:00		2	507	216448
10/11/23 17:30		2	507	216448
10/11/23 18:00		2	507	216448
10/11/23 18:30		2	506	216448
10/11/23 19:00		2	506	216448
10/11/23 19:30		2	506	216448
10/11/23 20:00		2	506	216448
10/11/23 20:30		2	506	216448
10/11/23 21:00		2	506	216448
10/11/23 21:30		2	506	216448
10/11/23 22:00		2	506	216448
10/11/23 22:30		2	506	216448
10/11/23 23:00		2	506	216448
10/11/23 23:30		2	506	216448
10/12/23 0:00		2	506	216448
10/12/23 0:30		2	506	216448
10/12/23 1:00		2	506	216448
10/12/23 1:30		2	506	216448
10/12/23 2:00		2	506	216448
10/12/23 2:30		2	506	216448
10/12/23 3:00		2	506	216448
10/12/23 3:30		2	506	216448
10/12/23 4:00		2	506	216448
10/12/23 4:30		3	506	216448
10/12/23 5:00		3	506	216448
10/12/23 5:30		3	506	216448
10/12/23 6:00		3	505	216448
10/12/23 6:30		3	506	216448
10/12/23 7:00		3	505	216448
10/12/23 7:30		3	505	216448
10/12/23 8:00		3	505	216448
10/12/23 8:30		3	505	216448
10/12/23 9:00		3	505	216448
10/12/23 9:30		3	505	216448
10/12/23 10:00		3	506	216448
10/12/23 10:30		3	506	216448
10/12/23 11:00		3	506	216448
10/12/23 11:30		3	506	216448
10/12/23 12:00		3	505	216448
10/12/23 12:30		3	505	216448
10/12/23 13:00		3	505	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/12/23 13:30		3	505	216448
10/12/23 14:00		3	505	216448
10/12/23 14:30		3	505	216448
10/12/23 15:00		3	505	216448
10/12/23 15:30		3	505	216448
10/12/23 16:00		4	505	216448
10/12/23 16:30		4	505	216448
10/12/23 17:00		4	505	216448
10/12/23 17:30		4	505	216448
10/12/23 18:00		4	505	216448
10/12/23 18:30		4	505	216448
10/12/23 19:00		4	505	216448
10/12/23 19:30		4	505	216448
10/12/23 20:00		4	505	216448
10/12/23 20:30		4	505	216448
10/12/23 21:00		4	505	216448
10/12/23 21:30		4	505	216448
10/12/23 22:00		4	505	216448
10/12/23 22:30		4	505	216448
10/12/23 23:00		4	505	216448
10/12/23 23:30		4	505	216448
10/13/23 0:00		4	505	216448
10/13/23 0:30		4	504	216448
10/13/23 1:00		4	504	216448
10/13/23 1:30		4	504	216448
10/13/23 2:00		4	505	216448
10/13/23 2:30		4	505	216448
10/13/23 3:00		4	504	216448
10/13/23 3:30		4	504	216448
10/13/23 4:00		4	504	216448
10/13/23 4:30		4	504	216448
10/13/23 5:00		4	504	216448
10/13/23 5:30		4	503	216448
10/13/23 6:00		4	503	216448
10/13/23 6:30		4	503	216448
10/13/23 7:00		4	504	216448
10/13/23 7:30		4	503	216448
10/13/23 8:00		4	503	216448
10/13/23 8:30		4	503	216448
10/13/23 9:00		4	503	216448
10/13/23 9:30		4	505	216448
10/13/23 10:00		4	505	216448
10/13/23 10:30		4	505	216448
10/13/23 11:00		4	504	216448
10/13/23 11:30		4	504	216448
10/13/23 12:00		4	505	216448
10/13/23 12:30		4	504	216448
10/13/23 13:00		4	504	216448
10/13/23 13:30		4	504	216448
10/13/23 14:00		5	504	216448
10/13/23 14:30		5	504	216448
10/13/23 15:00		5	504	216448
10/13/23 15:30		5	504	216448
10/13/23 16:00		5	504	216448
10/13/23 16:30		5	504	216448
10/13/23 17:00		5	504	216448
10/13/23 17:30		5	504	216448
10/13/23 18:00		5	504	216448
10/13/23 18:30		5	503	216448
10/13/23 19:00		5	504	216448
10/13/23 19:30		5	504	216448
10/13/23 20:00		5	503	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/13/23 20:30		5	503	216448
10/13/23 21:00		5	504	216448
10/13/23 21:30		5	504	216448
10/13/23 22:00		5	504	216448
10/13/23 22:30		5	504	216448
10/13/23 23:00		5	503	216448
10/13/23 23:30		5	503	216448
10/14/23 0:00		5	503	216448
10/14/23 0:30		5	504	216448
10/14/23 1:00		5	503	216448
10/14/23 1:30		5	503	216448
10/14/23 2:00		5	503	216448
10/14/23 2:30		5	504	216448
10/14/23 3:00		5	503	216448
10/14/23 3:30		5	503	216448
10/14/23 4:00		5	504	216448
10/14/23 4:30		5	503	216448
10/14/23 5:00		5	503	216448
10/14/23 5:30		5	502	216448
10/14/23 6:00		5	502	216448
10/14/23 6:30		5	503	216448
10/14/23 7:00		5	502	216448
10/14/23 7:30		5	502	216448
10/14/23 8:00		5	502	216448
10/14/23 8:30		5	503	216448
10/14/23 9:00		5	502	216448
10/14/23 9:30		5	503	216448
10/14/23 10:00		5	504	216448
10/14/23 10:30		5	504	216448
10/14/23 11:00		5	503	216448
10/14/23 11:30		5	503	216448
10/14/23 12:00		5	503	216448
10/14/23 12:30		5	503	216448
10/14/23 13:00		5	503	216448
10/14/23 13:30		5	504	216448
10/14/23 14:00		5	503	216448
10/14/23 14:30		5	503	216448
10/14/23 15:00		5	503	216448
10/14/23 15:30		6	503	216448
10/14/23 16:00		6	502	216448
10/14/23 16:30		6	502	216448
10/14/23 17:00		6	502	216448
10/14/23 17:30		6	503	216448
10/14/23 18:00		6	502	216448
10/14/23 18:30		6	503	216448
10/14/23 19:00		6	503	216448
10/14/23 19:30		6	503	216448
10/14/23 20:00		6	502	216448
10/14/23 20:30		6	502	216448
10/14/23 21:00		6	503	216448
10/14/23 21:30		6	502	216448
10/14/23 22:00		6	503	216448
10/14/23 22:30		6	502	216448
10/14/23 23:00		6	502	216448
10/14/23 23:30		6	503	216448
10/15/23 0:00		6	502	216448
10/15/23 0:30		6	503	216448
10/15/23 1:00		6	503	216448
10/15/23 1:30		6	502	216448
10/15/23 2:00		6	502	216448
10/15/23 2:30		6	502	216448
10/15/23 3:00		6	502	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/15/23 3:30		6	502	216448
10/15/23 4:00		6	502	216448
10/15/23 4:30		6	502	216448
10/15/23 5:00		6	501	216448
10/15/23 5:30		6	501	216448
10/15/23 6:00		6	501	216448
10/15/23 6:30		6	502	216448
10/15/23 7:00		6	502	216448
10/15/23 7:30		6	502	216448
10/15/23 8:00		6	502	216448
10/15/23 8:30		6	502	216448
10/15/23 9:00		6	502	216448
10/15/23 9:30		6	502	216448
10/15/23 10:00		6	503	216448
10/15/23 10:30		6	503	216448
10/15/23 11:00		6	502	216448
10/15/23 11:30		6	502	216448
10/15/23 12:00		6	502	216448
10/15/23 12:30		6	502	216448
10/15/23 13:00		6	503	216448
10/15/23 13:30		6	502	216448
10/15/23 14:00		6	501	216448
10/15/23 14:30		6	502	216448
10/15/23 15:00		7	502	216448
10/15/23 15:30		7	502	216448
10/15/23 16:00		7	502	216448
10/15/23 16:30		7	501	216448
10/15/23 17:00		7	502	216448
10/15/23 17:30		7	502	216448
10/15/23 18:00		7	502	216448
10/15/23 18:30		7	502	216448
10/15/23 19:00		7	502	216448
10/15/23 19:30		7	502	216448
10/15/23 20:00		7	501	216448
10/15/23 20:30		7	502	216448
10/15/23 21:00		7	502	216448
10/15/23 21:30		7	502	216448
10/15/23 22:00		7	502	216448
10/15/23 22:30		7	502	216448
10/15/23 23:00		7	501	216448
10/15/23 23:30		7	501	216448
10/16/23 0:00		7	501	216448
10/16/23 0:30		7	502	216448
10/16/23 1:00		6	501	216448
10/16/23 1:30		6	501	216448
10/16/23 2:00		6	502	216448
10/16/23 2:30		6	502	216448
10/16/23 3:00		6	502	216448
10/16/23 3:30		6	501	216448
10/16/23 4:00		6	501	216448
10/16/23 4:30		6	501	216448
10/16/23 5:00		6	501	216448
10/16/23 5:30		6	501	216448
10/16/23 6:00		6	502	216448
10/16/23 6:30		6	501	216448
10/16/23 7:00		6	501	216448
10/16/23 7:30		6	501	216448
10/16/23 8:00		6	501	216448
10/16/23 8:30		6	500	216448
10/16/23 9:00		6	500	216448
10/16/23 9:30		6	501	216448
10/16/23 10:00		6	502	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/16/23 10:30		6	502	216448
10/16/23 11:00		7	502	216448
10/16/23 11:30		7	501	216448
10/16/23 12:00		7	501	216448
10/16/23 12:30		7	501	216448
10/16/23 13:00		7	501	216448
10/16/23 13:30		7	501	216448
10/16/23 14:00		7	502	216448
10/16/23 14:30		7	501	216448
10/16/23 15:00		7	501	216448
10/16/23 15:30		7	501	216448
10/16/23 16:00		7	501	216448
10/16/23 16:30		8	501	216448
10/16/23 17:00		8	501	216448
10/16/23 17:30		8	501	216448
10/16/23 18:00		8	501	216448
10/16/23 18:30		8	500	216448
10/16/23 19:00		8	501	216448
10/16/23 19:30		8	501	216448
10/16/23 20:00		8	501	216448
10/16/23 20:30		8	501	216448
10/16/23 21:00		8	501	216448
10/16/23 21:30		8	501	216448
10/16/23 22:00		8	501	216448
10/16/23 22:30		8	501	216448
10/16/23 23:00		7	501	216448
10/16/23 23:30		7	501	216448
10/17/23 0:00		7	501	216448
10/17/23 0:30		7	500	216448
10/17/23 1:00		7	501	216448
10/17/23 1:30		7	500	216448
10/17/23 2:00		7	500	216448
10/17/23 2:30		7	500	216448
10/17/23 3:00		7	500	216448
10/17/23 3:30		7	500	216448
10/17/23 4:00		7	500	216448
10/17/23 4:30		7	501	216448
10/17/23 5:00		7	500	216448
10/17/23 5:30		7	500	216448
10/17/23 6:00		7	499	216448
10/17/23 6:30		7	499	216448
10/17/23 7:00		7	499	216448
10/17/23 7:30		7	499	216448
10/17/23 8:00		7	499	216448
10/17/23 8:30		7	499	216448
10/17/23 9:00		7	499	216448
10/17/23 9:30		7	501	216448
10/17/23 10:00		7	501	216448
10/17/23 10:30		7	501	216448
10/17/23 11:00		7	501	216448
10/17/23 11:30		7	501	216448
10/17/23 12:00		7	501	216448
10/17/23 12:30		7	501	216448
10/17/23 13:00		7	501	216448
10/17/23 13:30		8	500	216448
10/17/23 14:00		8	500	216448
10/17/23 14:30		8	500	216448
10/17/23 15:00		8	500	216448
10/17/23 15:30		8	500	216448
10/17/23 16:00		8	500	216448
10/17/23 16:30		8	500	216448
10/17/23 17:00		8	500	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/17/23 17:30		8	500	216448
10/17/23 18:00		8	500	216448
10/17/23 18:30		8	500	216448
10/17/23 19:00		8	500	216448
10/17/23 19:30		8	500	216448
10/17/23 20:00		8	500	216448
10/17/23 20:30		8	500	216448
10/17/23 21:00		8	500	216448
10/17/23 21:30		8	500	216448
10/17/23 22:00		8	500	216448
10/17/23 22:30		8	500	216448
10/17/23 23:00		8	500	216448
10/17/23 23:30		8	500	216448
10/18/23 0:00		8	500	216448
10/18/23 0:30		8	500	216448
10/18/23 1:00		8	500	216448
10/18/23 1:30		8	499	216448
10/18/23 2:00		8	500	216448
10/18/23 2:30		8	500	216448
10/18/23 3:00		8	500	216448
10/18/23 3:30		8	500	216448
10/18/23 4:00		8	499	216448
10/18/23 4:30		8	499	216448
10/18/23 5:00		8	499	216448
10/18/23 5:30		8	500	216448
10/18/23 6:00		8	499	216448
10/18/23 6:30		8	499	216448
10/18/23 7:00		8	499	216448
10/18/23 7:30		8	499	216448
10/18/23 8:00		8	501	216448
10/18/23 8:30		7	498	216448
10/18/23 9:00		7	498	216448
10/18/23 9:30		7	499	216448
10/18/23 10:00		7	501	216448
10/18/23 10:30		8	500	216448
10/18/23 11:00		8	500	216448
10/18/23 11:30		8	500	216448
10/18/23 12:00		8	500	216448
10/18/23 12:30		8	500	216448
10/18/23 13:00		8	500	216448
10/18/23 13:30		8	499	216448
10/18/23 14:00		8	499	216448
10/18/23 14:30		8	500	216448
10/18/23 15:00		8	499	216448
10/18/23 15:30		9	499	216448
10/18/23 16:00		9	499	216448
10/18/23 16:30		9	500	216448
10/18/23 17:00		9	499	216448
10/18/23 17:30		9	499	216448
10/18/23 18:00		9	499	216448
10/18/23 18:30		9	499	216448
10/18/23 19:00		9	499	216448
10/18/23 19:30		9	499	216448
10/18/23 20:00		9	499	216448
10/18/23 20:30		9	499	216448
10/18/23 21:00		9	499	216448
10/18/23 21:30		9	499	216448
10/18/23 22:00		9	499	216448
10/18/23 22:30		9	499	216448
10/18/23 23:00		9	499	216448
10/18/23 23:30		9	499	216448
10/19/23 0:00		9	499	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/19/23 0:30		9	499	216448
10/19/23 1:00		9	499	216448
10/19/23 1:30		9	499	216448
10/19/23 2:00		9	499	216448
10/19/23 2:30		9	499	216448
10/19/23 3:00		8	499	216448
10/19/23 3:30		8	499	216448
10/19/23 4:00		8	499	216448
10/19/23 4:30		8	498	216448
10/19/23 5:00		8	499	216448
10/19/23 5:30		8	499	216448
10/19/23 6:00		8	498	216448
10/19/23 6:30		8	499	216448
10/19/23 7:00		8	500	216448
10/19/23 7:30		8	498	216448
10/19/23 8:00		8	499	216448
10/19/23 8:30		8	499	216448
10/19/23 9:00		8	499	216448
10/19/23 9:30		8	499	216448
10/19/23 10:00		8	500	216448
10/19/23 10:30		8	500	216448
10/19/23 11:00		8	499	216448
10/19/23 11:30		8	499	216448
10/19/23 12:00		9	499	216448
10/19/23 12:30		9	499	216448
10/19/23 13:00		9	499	216448
10/19/23 13:30		9	499	216448
10/19/23 14:00		9	499	216448
10/19/23 14:30		9	499	216448
10/19/23 15:00		9	499	216448
10/19/23 15:30		9	498	216448
10/19/23 16:00		9	499	216448
10/19/23 16:30		9	499	216448
10/19/23 17:00		10	498	216448
10/19/23 17:30		10	499	216448
10/19/23 18:00		10	499	216448
10/19/23 18:30		10	498	216448
10/19/23 19:00		10	498	216448
10/19/23 19:30		10	498	216448
10/19/23 20:00		10	498	216448
10/19/23 20:30		10	498	216448
10/19/23 21:00		9	498	216448
10/19/23 21:30		9	499	216448
10/19/23 22:00		9	499	216448
10/19/23 22:30		9	499	216448
10/19/23 23:00		9	498	216448
10/19/23 23:30		9	499	216448
10/20/23 0:00		9	498	216448
10/20/23 0:30		9	498	216448
10/20/23 1:00		9	498	216448
10/20/23 1:30		9	498	216448
10/20/23 2:00		9	498	216448
10/20/23 2:30		9	499	216448
10/20/23 3:00		9	499	216448
10/20/23 3:30		9	498	216448
10/20/23 4:00		9	498	216448
10/20/23 4:30		9	499	216448
10/20/23 5:00		9	498	216448
10/20/23 5:30		9	498	216448
10/20/23 6:00		9	498	216448
10/20/23 6:30		9	498	216448
10/20/23 7:00		9	497	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/20/23 7:30		9	498	216448
10/20/23 8:00		9	498	216448
10/20/23 8:30		9	498	216448
10/20/23 9:00		9	497	216448
10/20/23 9:30		9	498	216448
10/20/23 10:00		9	499	216448
10/20/23 10:30		9	499	216448
10/20/23 11:00		9	499	216448
10/20/23 11:30		9	498	216448
10/20/23 12:00		9	498	216448
10/20/23 12:30		9	498	216448
10/20/23 13:00		9	498	216448
10/20/23 13:30		9	498	216448
10/20/23 14:00		9	498	216448
10/20/23 14:30		10	498	216448
10/20/23 15:00		10	498	216448
10/20/23 15:30		10	498	216448
10/20/23 16:00		10	498	216448
10/20/23 16:30		10	498	216448
10/20/23 17:00		10	498	216448
10/20/23 17:30		10	497	216448
10/20/23 18:00		10	498	216448
10/20/23 18:30		10	498	216448
10/20/23 19:00		10	498	216448
10/20/23 19:30		10	498	216448
10/20/23 20:00		10	497	216448
10/20/23 20:30		10	498	216448
10/20/23 21:00		10	498	216448
10/20/23 21:30		10	498	216448
10/20/23 22:00		10	498	216448
10/20/23 22:30		10	498	216448
10/20/23 23:00		10	498	216448
10/20/23 23:30		10	498	216448
10/21/23 0:00		10	498	216448
10/21/23 0:30		9	497	216448
10/21/23 1:00		9	497	216448
10/21/23 1:30		9	497	216448
10/21/23 2:00		9	497	216448
10/21/23 2:30		9	498	216448
10/21/23 3:00		9	497	216448
10/21/23 3:30		9	497	216448
10/21/23 4:00		9	497	216448
10/21/23 4:30		9	497	216448
10/21/23 5:00		9	497	216448
10/21/23 5:30		9	497	216448
10/21/23 6:00		9	497	216448
10/21/23 6:30		9	496	216448
10/21/23 7:00		9	498	216448
10/21/23 7:30		9	497	216448
10/21/23 8:00		9	498	216448
10/21/23 8:30		9	497	216448
10/21/23 9:00		9	496	216448
10/21/23 9:30		9	498	216448
10/21/23 10:00		9	498	216448
10/21/23 10:30		9	498	216448
10/21/23 11:00		9	498	216448
10/21/23 11:30		9	498	216448
10/21/23 12:00		9	498	216448
10/21/23 12:30		9	498	216448
10/21/23 13:00		9	498	216448
10/21/23 13:30		10	498	216448
10/21/23 14:00		10	498	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/21/23 14:30		10	498	216448
10/21/23 15:00		10	498	216448
10/21/23 15:30		10	497	216448
10/21/23 16:00		10	497	216448
10/21/23 16:30		10	497	216448
10/21/23 17:00		10	497	216448
10/21/23 17:30		11	497	216448
10/21/23 18:00		11	497	216448
10/21/23 18:30		11	497	216448
10/21/23 19:00		11	497	216448
10/21/23 19:30		11	497	216448
10/21/23 20:00		11	497	216448
10/21/23 20:30		11	497	216448
10/21/23 21:00		10	497	216448
10/21/23 21:30		10	497	216448
10/21/23 22:00		10	497	216448
10/21/23 22:30		10	497	216448
10/21/23 23:00		10	497	216448
10/21/23 23:30		10	497	216448
10/22/23 0:00		10	497	216448
10/22/23 0:30		10	497	216448
10/22/23 1:00		10	497	216448
10/22/23 1:30		10	497	216448
10/22/23 2:00		10	497	216448
10/22/23 2:30		10	497	216448
10/22/23 3:00		10	497	216448
10/22/23 3:30		10	497	216448
10/22/23 4:00		10	497	216448
10/22/23 4:30		10	497	216448
10/22/23 5:00		10	497	216448
10/22/23 5:30		10	496	216448
10/22/23 6:00		10	497	216448
10/22/23 6:30		10	496	216448
10/22/23 7:00		10	497	216448
10/22/23 7:30		10	496	216448
10/22/23 8:00		10	496	216448
10/22/23 8:30		10	497	216448
10/22/23 9:00		10	498	216448
10/22/23 9:30		9	496	216448
10/22/23 10:00		10	498	216448
10/22/23 10:30		10	498	216448
10/22/23 11:00		10	497	216448
10/22/23 11:30		10	497	216448
10/22/23 12:00		10	497	216448
10/22/23 12:30		10	497	216448
10/22/23 13:00		10	497	216448
10/22/23 13:30		10	497	216448
10/22/23 14:00		10	497	216448
10/22/23 14:30		10	497	216448
10/22/23 15:00		10	497	216448
10/22/23 15:30		11	497	216448
10/22/23 16:00		11	496	216448
10/22/23 16:30		11	497	216448
10/22/23 17:00		11	497	216448
10/22/23 17:30		11	496	216448
10/22/23 18:00		11	496	216448
10/22/23 18:30		11	496	216448
10/22/23 19:00		11	496	216448
10/22/23 19:30		11	496	216448
10/22/23 20:00		11	496	216448
10/22/23 20:30		11	496	216448
10/22/23 21:00		11	496	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/22/23 21:30		11	497	216448
10/22/23 22:00		11	496	216448
10/22/23 22:30		11	497	216448
10/22/23 23:00		10	497	216448
10/22/23 23:30		10	496	216448
10/23/23 0:00		10	496	216448
10/23/23 0:30		10	497	216448
10/23/23 1:00		10	496	216448
10/23/23 1:30		10	496	216448
10/23/23 2:00		10	496	216448
10/23/23 2:30		10	496	216448
10/23/23 3:00		10	496	216448
10/23/23 3:30		10	496	216448
10/23/23 4:00		10	496	216448
10/23/23 4:30		10	496	216448
10/23/23 5:00		10	497	216448
10/23/23 5:30		10	496	216448
10/23/23 6:00		10	497	216448
10/23/23 6:30		10	497	216448
10/23/23 7:00		10	496	216448
10/23/23 7:30		10	496	216448
10/23/23 8:00		10	497	216448
10/23/23 8:30		10	496	216448
10/23/23 9:00		10	497	216448
10/23/23 9:30		10	497	216448
10/23/23 10:00		10	497	216448
10/23/23 10:30		10	497	216448
10/23/23 11:00		10	497	216448
10/23/23 11:30		10	497	216448
10/23/23 12:00		10	496	216448
10/23/23 12:30		10	496	216448
10/23/23 13:00		11	496	216448
10/23/23 13:30		11	496	216448
10/23/23 14:00		11	496	216448
10/23/23 14:30		11	496	216448
10/23/23 15:00		11	496	216448
10/23/23 15:30		11	495	216448
10/23/23 16:00		11	495	216448
10/23/23 16:30		11	496	216448
10/23/23 17:00		11	496	216448
10/23/23 17:30		11	496	216448
10/23/23 18:00		11	496	216448
10/23/23 18:30		11	496	216448
10/23/23 19:00		11	496	216448
10/23/23 19:30		11	496	216448
10/23/23 20:00		11	496	216448
10/23/23 20:30		11	496	216448
10/23/23 21:00		11	496	216448
10/23/23 21:30		11	496	216448
10/23/23 22:00		11	496	216448
10/23/23 22:30		11	496	216448
10/23/23 23:00		11	496	216448
10/23/23 23:30		11	496	216448
10/24/23 0:00		11	496	216448
10/24/23 0:30		11	496	216448
10/24/23 1:00		11	496	216448
10/24/23 1:30		11	496	216448
10/24/23 2:00		11	496	216448
10/24/23 2:30		11	496	216448
10/24/23 3:00		11	496	216448
10/24/23 3:30		11	495	216448
10/24/23 4:00		11	495	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/24/23 4:30		11	496	216448
10/24/23 5:00		11	496	216448
10/24/23 5:30		11	495	216448
10/24/23 6:00		11	495	216448
10/24/23 6:30		11	495	216448
10/24/23 7:00		10	496	216448
10/24/23 7:30		10	495	216448
10/24/23 8:00		10	496	216448
10/24/23 8:30		10	495	216448
10/24/23 9:00		10	496	216448
10/24/23 9:30		10	496	216448
10/24/23 10:00		10	496	216448
10/24/23 10:30		10	496	216448
10/24/23 11:00		11	496	216448
10/24/23 11:30		11	495	216448
10/24/23 12:00		11	495	216448
10/24/23 12:30		11	496	216448
10/24/23 13:00		11	495	216448
10/24/23 13:30		11	495	216448
10/24/23 14:00		11	496	216448
10/24/23 14:30		11	496	216448
10/24/23 15:00		11	495	216448
10/24/23 15:30		11	495	216448
10/24/23 16:00		11	495	216448
10/24/23 16:30		11	496	216448
10/24/23 17:00		11	495	216448
10/24/23 17:30		11	495	216448
10/24/23 18:00		11	495	216448
10/24/23 18:30		11	495	216448
10/24/23 19:00		11	495	216448
10/24/23 19:30		11	495	216448
10/24/23 20:00		11	495	216448
10/24/23 20:30		11	495	216448
10/24/23 21:00		11	495	216448
10/24/23 21:30		11	495	216448
10/24/23 22:00		11	495	216448
10/24/23 22:30		11	495	216448
10/24/23 23:00		11	495	216448
10/24/23 23:30		11	495	216448
10/25/23 0:00		11	495	216448
10/25/23 0:30		11	495	216448
10/25/23 1:00		11	495	216448
10/25/23 1:30		11	495	216448
10/25/23 2:00		11	496	216448
10/25/23 2:30		11	495	216448
10/25/23 3:00		11	495	216448
10/25/23 3:30		11	495	216448
10/25/23 4:00		11	495	216448
10/25/23 4:30		11	495	216448
10/25/23 5:00		11	495	216448
10/25/23 5:30		11	494	216448
10/25/23 6:00		11	495	216448
10/25/23 6:30		11	494	216448
10/25/23 7:00		11	494	216448
10/25/23 7:30		11	495	216448
10/25/23 8:00		11	494	216448
10/25/23 8:30		11	495	216448
10/25/23 9:00		11	494	216448
10/25/23 9:30		11	496	216448
10/25/23 10:00		11	496	216448
10/25/23 10:30		11	496	216448
10/25/23 11:00		11	495	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/25/23 11:30		11	495	216448
10/25/23 12:00				216448
10/25/23 12:30				216448
10/25/23 13:00				216448
10/25/23 13:30				216448
10/25/23 14:00				216448
10/25/23 14:30				216448
10/25/23 15:00				216448
10/25/23 15:30				216448
10/25/23 16:00				216448
10/25/23 16:30				216448
10/25/23 17:00				216448
10/25/23 17:30				216448
10/25/23 18:00				216448
10/25/23 18:30		12	495	216448
10/25/23 19:00		12	495	216448
10/25/23 19:30		12	495	216448
10/25/23 20:00		12	494	216448
10/25/23 20:30		12	495	216448
10/25/23 21:00		12	495	216448
10/25/23 21:30		12	495	216448
10/25/23 22:00		11	495	216448
10/25/23 22:30		11	495	216448
10/25/23 23:00		11	495	216448
10/25/23 23:30		11	494	216448
10/26/23 0:00		11	494	216448
10/26/23 0:30		11	494	216448
10/26/23 1:00		11	494	216448
10/26/23 1:30		11	494	216448
10/26/23 2:00		11	495	216448
10/26/23 2:30		11	494	216448
10/26/23 3:00		11	494	216448
10/26/23 3:30		11	494	216448
10/26/23 4:00		11	494	216448
10/26/23 4:30		11	494	216448
10/26/23 5:00		11	494	216448
10/26/23 5:30		11	493	216448
10/26/23 6:00		11	495	216448
10/26/23 6:30		11	494	216448
10/26/23 7:00		11	494	216448
10/26/23 7:30		11	494	216448
10/26/23 8:00		11	494	216448
10/26/23 8:30		11	493	216448
10/26/23 9:00		11	494	216448
10/26/23 9:30		11	494	216448
10/26/23 10:00		11	495	216448
10/26/23 10:30		11	495	216448
10/26/23 11:00		11	495	216448
10/26/23 11:30		11	494	216448
10/26/23 12:00		11	495	216448
10/26/23 12:30		11	494	216448
10/26/23 13:00		11	495	216448
10/26/23 13:30		11	494	216448
10/26/23 14:00		11	494	216448
10/26/23 14:30		11	494	216448
10/26/23 15:00		12	493	216448
10/26/23 15:30		12	494	216448
10/26/23 16:00		12	494	216448
10/26/23 16:30		12	494	216448
10/26/23 17:00		12	494	216448
10/26/23 17:30		12	494	216448
10/26/23 18:00		12	494	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/26/23 18:30		12	494	216448
10/26/23 19:00		12	494	216448
10/26/23 19:30		12	494	216448
10/26/23 20:00		12	494	216448
10/26/23 20:30		12	494	216448
10/26/23 21:00		12	494	216448
10/26/23 21:30		12	494	216448
10/26/23 22:00		12	494	216448
10/26/23 22:30		12	494	216448
10/26/23 23:00		12	494	216448
10/26/23 23:30		12	494	216448
10/27/23 0:00		12	494	216448
10/27/23 0:30		12	494	216448
10/27/23 1:00		11	494	216448
10/27/23 1:30		12	494	216448
10/27/23 2:00		12	494	216448
10/27/23 2:30		12	494	216448
10/27/23 3:00		11	494	216448
10/27/23 3:30		11	494	216448
10/27/23 4:00		11	493	216448
10/27/23 4:30		11	494	216448
10/27/23 5:00		11	493	216448
10/27/23 5:30		11	493	216448
10/27/23 6:00		11	493	216448
10/27/23 6:30		11	493	216448
10/27/23 7:00		11	494	216448
10/27/23 7:30		11	494	216448
10/27/23 8:00		11	493	216448
10/27/23 8:30		11	495	216448
10/27/23 9:00		11	494	216448
10/27/23 9:30		11	494	216448
10/27/23 10:00		11	494	216448
10/27/23 10:30		11	495	216448
10/27/23 11:00		11	494	216448
10/27/23 11:30		11	493	216448
10/27/23 12:00		12	494	216448
10/27/23 12:30		12	494	216448
10/27/23 13:00		12	494	216448
10/27/23 13:30		12	494	216448
10/27/23 14:00		12	494	216448
10/27/23 14:30		12	494	216448
10/27/23 15:00		12	493	216448
10/27/23 15:30		12	493	216448
10/27/23 16:00		12	493	216448
10/27/23 16:30		12	493	216448
10/27/23 17:00		12	493	216448
10/27/23 17:30		12	493	216448
10/27/23 18:00		12	493	216448
10/27/23 18:30		12	494	216448
10/27/23 19:00		12	493	216448
10/27/23 19:30		12	493	216448
10/27/23 20:00		12	493	216448
10/27/23 20:30		12	493	216448
10/27/23 21:00		12	493	216448
10/27/23 21:30		12	493	216448
10/27/23 22:00		12	493	216448
10/27/23 22:30		12	493	216448
10/27/23 23:00		12	493	216448
10/27/23 23:30		12	493	216448
10/28/23 0:00		12	493	216448
10/28/23 0:30		12	493	216448
10/28/23 1:00		12	494	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/28/23 1:30		12	493	216448
10/28/23 2:00		12	493	216448
10/28/23 2:30		12	493	216448
10/28/23 3:00		12	493	216448
10/28/23 3:30		12	493	216448
10/28/23 4:00		12	494	216448
10/28/23 4:30		12	493	216448
10/28/23 5:00		12	493	216448
10/28/23 5:30		12	494	216448
10/28/23 6:00		12	494	216448
10/28/23 6:30		12	493	216448
10/28/23 7:00		12	493	216448
10/28/23 7:30		12	493	216448
10/28/23 8:00		12	493	216448
10/28/23 8:30		12	493	216448
10/28/23 9:00		12	493	216448
10/28/23 9:30		12	493	216448
10/28/23 10:00		12	494	216448
10/28/23 10:30		12	494	216448
10/28/23 11:00		12	494	216448
10/28/23 11:30		12	494	216448
10/28/23 12:00		12	493	216448
10/28/23 12:30		12	493	216448
10/28/23 13:00		12	493	216448
10/28/23 13:30		12	493	216448
10/28/23 14:00		12	493	216448
10/28/23 14:30		12	493	216448
10/28/23 15:00		12	493	216448
10/28/23 15:30		12	493	216448
10/28/23 16:00		12	493	216448
10/28/23 16:30		12	493	216448
10/28/23 17:00		13	493	216448
10/28/23 17:30		13	493	216448
10/28/23 18:00		13	493	216448
10/28/23 18:30		12	493	216448
10/28/23 19:00		12	493	216448
10/28/23 19:30		13	493	216448
10/28/23 20:00		12	493	216448
10/28/23 20:30		12	493	216448
10/28/23 21:00		12	493	216448
10/28/23 21:30		12	493	216448
10/28/23 22:00		12	493	216448
10/28/23 22:30		12	493	216448
10/28/23 23:00		12	493	216448
10/28/23 23:30		12	493	216448
10/29/23 0:00		12	493	216448
10/29/23 0:30		12	493	216448
10/29/23 1:00		12	493	216448
10/29/23 1:30		12	493	216448
10/29/23 2:00		12	493	216448
10/29/23 2:30		12	493	216448
10/29/23 3:00		12	493	216448
10/29/23 3:30		12	492	216448
10/29/23 4:00		12	493	216448
10/29/23 4:30		12	493	216448
10/29/23 5:00		12	492	216448
10/29/23 5:30		12	492	216448
10/29/23 6:00		12	492	216448
10/29/23 6:30		12	492	216448
10/29/23 7:00		12	492	216448
10/29/23 7:30		12	493	216448
10/29/23 8:00		12	492	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/29/23 8:30		12	492	216448
10/29/23 9:00		12	492	216448
10/29/23 9:30		12	492	216448
10/29/23 10:00		12	492	216448
10/29/23 10:30		12	493	216448
10/29/23 11:00		12	493	216448
10/29/23 11:30		12	492	216448
10/29/23 12:00		12	493	216448
10/29/23 12:30		12	492	216448
10/29/23 13:00		12	494	216448
10/29/23 13:30		12	493	216448
10/29/23 14:00		12	492	216448
10/29/23 14:30		12	493	216448
10/29/23 15:00		12	493	216448
10/29/23 15:30		12	492	216448
10/29/23 16:00		12	492	216448
10/29/23 16:30		12	492	216448
10/29/23 17:00		12	492	216448
10/29/23 17:30		12	492	216448
10/29/23 18:00		12	492	216448
10/29/23 18:30		12	492	216448
10/29/23 19:00		12	492	216448
10/29/23 19:30		12	492	216448
10/29/23 20:00		12	492	216448
10/29/23 20:30		12	492	216448
10/29/23 21:00		12	492	216448
10/29/23 21:30		12	492	216448
10/29/23 22:00		12	492	216448
10/29/23 22:30		12	492	216448
10/29/23 23:00		12	492	216448
10/29/23 23:30		12	492	216448
10/30/23 0:00		12	492	216448
10/30/23 0:30		12	492	216448
10/30/23 1:00		12	491	216448
10/30/23 1:30		12	491	216448
10/30/23 2:00		12	491	216448
10/30/23 2:30		12	491	216448
10/30/23 3:00		12	491	216448
10/30/23 3:30		12	491	216448
10/30/23 4:00		12	491	216448
10/30/23 4:30		12	491	216448
10/30/23 5:00		12	490	216448
10/30/23 5:30		12	493	216448
10/30/23 6:00		12	492	216448
10/30/23 6:30		12	491	216448
10/30/23 7:00		12	492	216448
10/30/23 7:30		11	489	216448
10/30/23 8:00		11	486	216448
10/30/23 8:30		11	485	216448
10/30/23 9:00		11	484	216448
10/30/23 9:30		11	484	216448
10/30/23 10:00		12	491	216448
10/30/23 10:30		12	496	216448
10/30/23 11:00		12	493	216448
10/30/23 11:30		12	492	216448
10/30/23 12:00		12	492	216448
10/30/23 12:30		12	492	216448
10/30/23 13:00		12	492	216448
10/30/23 13:30		12	492	216448
10/30/23 14:00		12	492	216448
10/30/23 14:30		12	492	216448
10/30/23 15:00		12	492	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/30/23 15:30		12	491	216448
10/30/23 16:00		12	491	216448
10/30/23 16:30		12	492	216448
10/30/23 17:00		12	491	216448
10/30/23 17:30		12	491	216448
10/30/23 18:00		12	492	216448
10/30/23 18:30		12	492	216448
10/30/23 19:00		13	491	216448
10/30/23 19:30		12	491	216448
10/30/23 20:00		12	491	216448
10/30/23 20:30		12	492	216448
10/30/23 21:00		12	492	216448
10/30/23 21:30		12	491	216448
10/30/23 22:00		12	491	216448
10/30/23 22:30		12	491	216448
10/30/23 23:00		12	491	216448
10/30/23 23:30		12	491	216448
10/31/23 0:00		12	491	216448
10/31/23 0:30		12	491	216448
10/31/23 1:00		12	490	216448
10/31/23 1:30		12	491	216448
10/31/23 2:00		12	492	216448
10/31/23 2:30		12	493	216448
10/31/23 3:00		12	491	216448
10/31/23 3:30		12	491	216448
10/31/23 4:00		12	491	216448
10/31/23 4:30		12	491	216448
10/31/23 5:00		12	491	216448
10/31/23 5:30		12	491	216448
10/31/23 6:00		12	490	216448
10/31/23 6:30		12	488	216448
10/31/23 7:00		12	487	216448
10/31/23 7:30		11	486	216448
10/31/23 8:00		12	486	216448
10/31/23 8:30		11	485	216448
10/31/23 9:00		11	484	216448
10/31/23 9:30		11	485	216448
10/31/23 10:00		12	492	216448
10/31/23 10:30		12	497	216448
10/31/23 11:00		12	493	216448
10/31/23 11:30		12	492	216448
10/31/23 12:00		12	492	216448
10/31/23 12:30		12	492	216448
10/31/23 13:00		12	492	216448
10/31/23 13:30		12	491	216448
10/31/23 14:00		12	491	216448
10/31/23 14:30		12	491	216448
10/31/23 15:00		12	491	216448
10/31/23 15:30		13	491	216448
10/31/23 16:00		13	491	216448
10/31/23 16:30		13	491	216448
10/31/23 17:00		13	491	216448
10/31/23 17:30		13	491	216448
10/31/23 18:00		13	491	216448
10/31/23 18:30		13	491	216448
10/31/23 19:00		13	491	216448
10/31/23 19:30		13	491	216448
10/31/23 20:00		13	491	216448
10/31/23 20:30		13	491	216448
10/31/23 21:00		13	491	216448
10/31/23 21:30		13	491	216448
10/31/23 22:00		13	491	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/31/23 22:30		13	491	216448
10/31/23 23:00		13	491	216448
10/31/23 23:30		13	491	216448
11/1/23 0:00		12	490	216448
11/1/23 0:30		12	490	216448
11/1/23 1:00		12	490	216448
11/1/23 1:30		12	490	216448
11/1/23 2:00		12	491	216448
11/1/23 2:30		12	490	216448
11/1/23 3:00		12	490	216448
11/1/23 3:30		12	492	216448
11/1/23 4:00		12	492	216448
11/1/23 4:30		12	491	216448
11/1/23 5:00		12	491	216448
11/1/23 5:30		12	490	216448
11/1/23 6:00		12	490	216448
11/1/23 6:30		12	490	216448
11/1/23 7:00		12	492	216448
11/1/23 7:30		12	491	216448
11/1/23 8:00		12	491	216448
11/1/23 8:30		12	491	216448
11/1/23 9:00		12	491	216448
11/1/23 9:30		12	490	216448
11/1/23 10:00		12	496	216448
11/1/23 10:30		12	495	216448
11/1/23 11:00		12	492	216448
11/1/23 11:30		12	491	216448
11/1/23 12:00		12	491	216448
11/1/23 12:30		12	491	216448
11/1/23 13:00		12	491	216448
11/1/23 13:30		12	491	216448
11/1/23 14:00		12	491	216448
11/1/23 14:30		12	491	216448
11/1/23 15:00		13	491	216448
11/1/23 15:30		13	491	216448
11/1/23 16:00		13	491	216448
11/1/23 16:30		13	491	216448
11/1/23 17:00		13	491	216448
11/1/23 17:30		13	491	216448
11/1/23 18:00		13	491	216448
11/1/23 18:30		13	490	216448
11/1/23 19:00		13	490	216448
11/1/23 19:30		13	490	216448
11/1/23 20:00		13	490	216448
11/1/23 20:30		13	490	216448
11/1/23 21:00		13	490	216448
11/1/23 21:30		13	491	216448
11/1/23 22:00		13	491	216448
11/1/23 22:30		13	491	216448
11/1/23 23:00		13	491	216448
11/1/23 23:30		13	491	216448
11/2/23 0:00		13	491	216448
11/2/23 0:30		13	491	216448
11/2/23 1:00		13	490	216448
11/2/23 1:30		13	490	216448
11/2/23 2:00		13	490	216448
11/2/23 2:30		13	490	216448
11/2/23 3:00		13	490	216448
11/2/23 3:30		13	490	216448
11/2/23 4:00		13	490	216448
11/2/23 4:30		13	490	216448
11/2/23 5:00		13	490	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/2/23 5:30		13	490	216448
11/2/23 6:00		13	490	216448
11/2/23 6:30		12	490	216448
11/2/23 7:00		12	490	216448
11/2/23 7:30		12	489	216448
11/2/23 8:00		12	489	216448
11/2/23 8:30		12	489	216448
11/2/23 9:00		12	489	216448
11/2/23 9:30		12	489	216448
11/2/23 10:00		12	490	216448
11/2/23 10:30		12	491	216448
11/2/23 11:00		13	491	216448
11/2/23 11:30		13	491	216448
11/2/23 12:00		13	491	216448
11/2/23 12:30		13	491	216448
11/2/23 13:00		13	491	216448
11/2/23 13:30		13	491	216448
11/2/23 14:00		13	491	216448
11/2/23 14:30		13	491	216448
11/2/23 15:00		13	490	216448
11/2/23 15:30		13	490	216448
11/2/23 16:00		13	490	216448
11/2/23 16:30		13	490	216448
11/2/23 17:00		13	490	216448
11/2/23 17:30		13	490	216448
11/2/23 18:00		13	490	216448
11/2/23 18:30		13	490	216448
11/2/23 19:00		13	490	216448
11/2/23 19:30		13	490	216448
11/2/23 20:00		13	490	216448
11/2/23 20:30		13	490	216448
11/2/23 21:00		13	490	216448
11/2/23 21:30		13	490	216448
11/2/23 22:00		13	490	216448
11/2/23 22:30		13	490	216448
11/2/23 23:00		13	490	216448
11/2/23 23:30		13	490	216448
11/3/23 0:00		13	490	216448
11/3/23 0:30		13	490	216448
11/3/23 1:00		13	490	216448
11/3/23 1:30		13	490	216448
11/3/23 2:00		13	490	216448
11/3/23 2:30		13	490	216448
11/3/23 3:00		13	490	216448
11/3/23 3:30		13	490	216448
11/3/23 4:00		13	490	216448
11/3/23 4:30		13	490	216448
11/3/23 5:00		13	490	216448
11/3/23 5:30		13	490	216448
11/3/23 6:00		13	490	216448
11/3/23 6:30		13	490	216448
11/3/23 7:00		13	489	216448
11/3/23 7:30		13	489	216448
11/3/23 8:00		13	489	216448
11/3/23 8:30		13	489	216448
11/3/23 9:00		13	489	216448
11/3/23 9:30		13	489	216448
11/3/23 10:00		13	489	216448
11/3/23 10:30		13	490	216448
11/3/23 11:00		13	490	216448
11/3/23 11:30		13	490	216448
11/3/23 12:00		13	490	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/3/23 12:30		13	490	216448
11/3/23 13:00		13	490	216448
11/3/23 13:30		13	490	216448
11/3/23 14:00		13	490	216448
11/3/23 14:30		13	490	216448
11/3/23 15:00		13	490	216448
11/3/23 15:30		13	490	216448
11/3/23 16:00		13	490	216448
11/3/23 16:30		13	490	216448
11/3/23 17:00		13	490	216448
11/3/23 17:30		13	490	216448
11/3/23 18:00		13	490	216448
11/3/23 18:30		13	490	216448
11/3/23 19:00		14	489	216448
11/3/23 19:30		14	489	216448
11/3/23 20:00		14	489	216448
11/3/23 20:30		14	489	216448
11/3/23 21:00		14	489	216448
11/3/23 21:30		14	490	216448
11/3/23 22:00		14	490	216448
11/3/23 22:30		13	490	216448
11/3/23 23:00		13	490	216448
11/3/23 23:30		13	490	216448
11/4/23 0:00		13	490	216448
11/4/23 0:30		13	489	216448
11/4/23 1:00		13	489	216448
11/4/23 1:30		13	489	216448
11/4/23 2:00		13	489	216448
11/4/23 2:30		13	489	216448
11/4/23 3:00		13	489	216448
11/4/23 3:30		13	489	216448
11/4/23 4:00		13	489	216448
11/4/23 4:30		13	489	216448
11/4/23 5:00		13	489	216448
11/4/23 5:30		13	489	216448
11/4/23 6:00		13	489	216448
11/4/23 6:30		13	489	216448
11/4/23 7:00		13	489	216448
11/4/23 7:30		13	489	216448
11/4/23 8:00		13	489	216448
11/4/23 8:30		13	489	216448
11/4/23 9:00		13	489	216448
11/4/23 9:30		13	489	216448
11/4/23 10:00		13	489	216448
11/4/23 10:30		13	490	216448
11/4/23 11:00		13	490	216448
11/4/23 11:30		13	490	216448
11/4/23 12:00		13	490	216448
11/4/23 12:30		13	490	216448
11/4/23 13:00		13	490	216448
11/4/23 13:30		13	490	216448
11/4/23 14:00		13	490	216448
11/4/23 14:30		13	490	216448
11/4/23 15:00		13	489	216448
11/4/23 15:30		14	489	216448
11/4/23 16:00		14	489	216448
11/4/23 16:30		14	489	216448
11/4/23 17:00		14	489	216448
11/4/23 17:30		14	489	216448
11/4/23 18:00		14	489	216448
11/4/23 18:30		14	489	216448
11/4/23 19:00		14	489	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/4/23 19:30		14	489	216448
11/4/23 20:00		14	489	216448
11/4/23 20:30		14	489	216448
11/4/23 21:00		14	489	216448
11/4/23 21:30		14	489	216448
11/4/23 22:00		14	489	216448
11/4/23 22:30		14	489	216448
11/4/23 23:00		14	489	216448
11/4/23 23:30		14	489	216448
11/5/23 0:00		14	489	216448
11/5/23 0:30		14	489	216448
11/5/23 1:00		14	489	216448
11/5/23 1:30		14	489	216448
11/5/23 1:00		14	489	216448
11/5/23 1:30		14	489	216448
11/5/23 2:00		14	489	216448
11/5/23 2:30		14	489	216448
11/5/23 3:00		14	489	216448
11/5/23 3:30		14	489	216448
11/5/23 4:00		14	489	216448
11/5/23 4:30		14	489	216448
11/5/23 5:00		13	488	216448
11/5/23 5:30		13	488	216448
11/5/23 6:00		13	489	216448
11/5/23 6:30		13	489	216448
11/5/23 7:00		13	489	216448
11/5/23 7:30		13	489	216448
11/5/23 8:00		13	489	216448
11/5/23 8:30		13	489	216448
11/5/23 9:00		13	489	216448
11/5/23 9:30		13	489	216448
11/5/23 10:00		13	490	216448
11/5/23 10:30		13	490	216448
11/5/23 11:00		13	489	216448
11/5/23 11:30		13	489	216448
11/5/23 12:00		14	489	216448
11/5/23 12:30		14	489	216448
11/5/23 13:00		14	489	216448
11/5/23 13:30		14	489	216448
11/5/23 14:00		14	489	216448
11/5/23 14:30		14	489	216448
11/5/23 15:00		14	489	216448
11/5/23 15:30		14	489	216448
11/5/23 16:00		14	489	216448
11/5/23 16:30		14	489	216448
11/5/23 17:00		14	489	216448
11/5/23 17:30		14	488	216448
11/5/23 18:00		14	489	216448
11/5/23 18:30		14	488	216448
11/5/23 19:00		14	488	216448
11/5/23 19:30		14	488	216448
11/5/23 20:00		14	489	216448
11/5/23 20:30		14	489	216448
11/5/23 21:00		14	489	216448
11/5/23 21:30		14	489	216448
11/5/23 22:00		14	489	216448
11/5/23 22:30		14	489	216448
11/5/23 23:00		14	489	216448
11/5/23 23:30		14	489	216448
11/6/23 0:00		14	489	216448
11/6/23 0:30		14	489	216448
11/6/23 1:00		14	489	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/6/23 1:30		14	489	216448
11/6/23 2:00		14	488	216448
11/6/23 2:30		14	488	216448
11/6/23 3:00		14	488	216448
11/6/23 3:30		14	488	216448
11/6/23 4:00		14	488	216448
11/6/23 4:30		14	488	216448
11/6/23 5:00		14	488	216448
11/6/23 5:30		14	488	216448
11/6/23 6:00		14	488	216448
11/6/23 6:30		14	488	216448
11/6/23 7:00		14	488	216448
11/6/23 7:30		14	488	216448
11/6/23 8:00		14	488	216448
11/6/23 8:30		14	488	216448
11/6/23 9:00		14	488	216448
11/6/23 9:30		14	489	216448
11/6/23 10:00		14	489	216448
11/6/23 10:30		14	489	216448
11/6/23 11:00		14	489	216448
11/6/23 11:30		14	489	216448
11/6/23 12:00		14	489	216448
11/6/23 12:30		14	489	216448
11/6/23 13:00		14	489	216448
11/6/23 13:30		14	489	216448
11/6/23 14:00		14	489	216448
11/6/23 14:30		14	488	216448
11/6/23 15:00		14	488	216448
11/6/23 15:30		14	488	216448
11/6/23 16:00		14	488	216448
11/6/23 16:30		14	488	216448
11/6/23 17:00		14	488	216448
11/6/23 17:30		14	488	216448
11/6/23 18:00		15	488	216448
11/6/23 18:30		15	488	216448
11/6/23 19:00		15	488	216448
11/6/23 19:30		15	488	216448
11/6/23 20:00		15	488	216448
11/6/23 20:30		14	488	216448
11/6/23 21:00		14	488	216448
11/6/23 21:30		14	488	216448
11/6/23 22:00		14	488	216448
11/6/23 22:30		14	488	216448
11/6/23 23:00		14	488	216448
11/6/23 23:30		14	488	216448
11/7/23 0:00		14	488	216448
11/7/23 0:30		14	488	216448
11/7/23 1:00		14	488	216448
11/7/23 1:30		14	488	216448
11/7/23 2:00		14	488	216448
11/7/23 2:30		14	488	216448
11/7/23 3:00		14	488	216448
11/7/23 3:30		14	488	216448
11/7/23 4:00		14	488	216448
11/7/23 4:30		14	488	216448
11/7/23 5:00		14	488	216448
11/7/23 5:30		14	488	216448
11/7/23 6:00		14	488	216448
11/7/23 6:30		14	488	216448
11/7/23 7:00		14	488	216448
11/7/23 7:30		14	488	216448
11/7/23 8:00		14	488	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/7/23 8:30		14	487	216448
11/7/23 9:00		14	488	216448
11/7/23 9:30		14	489	216448
11/7/23 10:00		14	489	216448
11/7/23 10:30		14	489	216448
11/7/23 11:00		14	489	216448
11/7/23 11:30		14	488	216448
11/7/23 12:00		14	488	216448
11/7/23 12:30		14	488	216448
11/7/23 13:00		14	488	216448
11/7/23 13:30		14	488	216448
11/7/23 14:00		14	488	216448
11/7/23 14:30		14	488	216448
11/7/23 15:00		14	488	216448
11/7/23 15:30		14	488	216448
11/7/23 16:00		15	488	216448
11/7/23 16:30		15	488	216448
11/7/23 17:00		15	488	216448
11/7/23 17:30		15	488	216448
11/7/23 18:00		15	488	216448
11/7/23 18:30		15	488	216448
11/7/23 19:00		15	488	216448
11/7/23 19:30		15	488	216448
11/7/23 20:00		15	488	216448
11/7/23 20:30		15	488	216448
11/7/23 21:00		15	488	216448
11/7/23 21:30		15	488	216448
11/7/23 22:00		15	488	216448
11/7/23 22:30		14	488	216448
11/7/23 23:00		14	488	216448
11/7/23 23:30		14	488	216448
11/8/23 0:00		14	488	216448
11/8/23 0:30		14	488	216448
11/8/23 1:00		14	488	216448
11/8/23 1:30		14	488	216448
11/8/23 2:00		14	488	216448
11/8/23 2:30		14	488	216448
11/8/23 3:00		14	488	216448
11/8/23 3:30		14	488	216448
11/8/23 4:00		14	488	216448
11/8/23 4:30		14	488	216448
11/8/23 5:00		14	488	216448
11/8/23 5:30		14	488	216448
11/8/23 6:00		14	488	216448
11/8/23 6:30		14	487	216448
11/8/23 7:00		14	487	216448
11/8/23 7:30		14	487	216448
11/8/23 8:00		14	487	216448
11/8/23 8:30		14	487	216448
11/8/23 9:00		14	487	216448
11/8/23 9:30		14	488	216448
11/8/23 10:00		14	488	216448
11/8/23 10:30		14	488	216448
11/8/23 11:00		14	488	216448
11/8/23 11:30		14	488	216448
11/8/23 12:00		14	488	216448
11/8/23 12:30				216448
11/8/23 13:00				216448
11/8/23 13:30				216448
11/8/23 14:00				216448
11/8/23 14:30				216448
11/8/23 15:00				216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/8/23 15:30				216448
11/8/23 16:00				216448
11/8/23 16:30				216448
11/8/23 17:00				216448
11/8/23 17:30				216448
11/8/23 18:00				216448
11/8/23 18:30				216448
11/8/23 19:00				216448
11/8/23 19:30				216448
11/8/23 20:00				216448
11/8/23 20:30				216448
11/8/23 21:00				216448
11/8/23 21:30				216448
11/8/23 22:00				216448
11/8/23 22:30				216448
11/8/23 23:00				216448
11/8/23 23:30				216448
11/9/23 0:00				216448
11/9/23 0:30				216448
11/9/23 1:00				216448
11/9/23 1:30				216448
11/9/23 2:00				216448
11/9/23 2:30				216448
11/9/23 3:00				216448
11/9/23 3:30				216448
11/9/23 4:00				216448
11/9/23 4:30				216448
11/9/23 5:00				216448
11/9/23 5:30				216448
11/9/23 6:00				216448
11/9/23 6:30				216448
11/9/23 7:00				216448
11/9/23 7:30				216448
11/9/23 8:00				216448
11/9/23 8:30				216448
11/9/23 9:00				216448
11/9/23 9:30				216448
11/9/23 10:00				216448
11/9/23 10:30				216448
11/9/23 11:00				216448
11/9/23 11:30				216448
11/9/23 12:00				216448
11/9/23 12:30		14	487	216448
11/9/23 13:00		14	487	216448
11/9/23 13:30		14	487	216448
11/9/23 14:00		15	487	216448
11/9/23 14:30		15	487	216448
11/9/23 15:00		15	487	216448
11/9/23 15:30		15	487	216448
11/9/23 16:00		15	487	216448
11/9/23 16:30		15	487	216448
11/9/23 17:00		15	487	216448
11/9/23 17:30		15	487	216448
11/9/23 18:00		15	486	216448
11/9/23 18:30		15	486	216448
11/9/23 19:00		15	487	216448
11/9/23 19:30		15	487	216448
11/9/23 20:00		15	487	216448
11/9/23 20:30		15	487	216448
11/9/23 21:00		15	487	216448
11/9/23 21:30		15	487	216448
11/9/23 22:00		15	487	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/9/23 22:30		15	487	216448
11/9/23 23:00		15	487	216448
11/9/23 23:30		15	487	216448
11/10/23 0:00		15	487	216448
11/10/23 0:30		14	486	216448
11/10/23 1:00		14	487	216448
11/10/23 1:30		14	487	216448
11/10/23 2:00		14	486	216448
11/10/23 2:30		14	486	216448
11/10/23 3:00		14	486	216448
11/10/23 3:30		14	486	216448
11/10/23 4:00		14	486	216448
11/10/23 4:30		14	486	216448
11/10/23 5:00		14	486	216448
11/10/23 5:30		14	486	216448
11/10/23 6:00		14	486	216448
11/10/23 6:30		14	485	216448
11/10/23 7:00		14	486	216448
11/10/23 7:30		14	486	216448
11/10/23 8:00		14	486	216448
11/10/23 8:30		14	486	216448
11/10/23 9:00		14	486	216448
11/10/23 9:30		14	487	216448
11/10/23 10:00		14	487	216448
11/10/23 10:30		14	487	216448
11/10/23 11:00		14	487	216448
11/10/23 11:30		14	487	216448
11/10/23 12:00		14	487	216448
11/10/23 12:30		14	487	216448
11/10/23 13:00		14	487	216448
11/10/23 13:30		14	487	216448
11/10/23 14:00		15	487	216448
11/10/23 14:30		15	487	216448
11/10/23 15:00		15	487	216448
11/10/23 15:30		15	487	216448
11/10/23 16:00		15	487	216448
11/10/23 16:30		15	487	216448
11/10/23 17:00		15	486	216448
11/10/23 17:30		15	486	216448
11/10/23 18:00		15	486	216448
11/10/23 18:30		15	486	216448
11/10/23 19:00		15	486	216448
11/10/23 19:30		15	486	216448
11/10/23 20:00		15	486	216448
11/10/23 20:30		15	486	216448
11/10/23 21:00		15	486	216448
11/10/23 21:30		15	486	216448
11/10/23 22:00		15	486	216448
11/10/23 22:30		15	486	216448
11/10/23 23:00		15	486	216448
11/10/23 23:30		15	486	216448
11/11/23 0:00		15	486	216448
11/11/23 0:30		15	486	216448
11/11/23 1:00		15	486	216448
11/11/23 1:30		15	486	216448
11/11/23 2:00		15	486	216448
11/11/23 2:30		15	486	216448
11/11/23 3:00		15	486	216448
11/11/23 3:30		15	486	216448
11/11/23 4:00		15	486	216448
11/11/23 4:30		15	486	216448
11/11/23 5:00		15	486	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/11/23 5:30		14	486	216448
11/11/23 6:00		14	486	216448
11/11/23 6:30		14	486	216448
11/11/23 7:00		14	486	216448
11/11/23 7:30		14	486	216448
11/11/23 8:00		14	486	216448
11/11/23 8:30		14	486	216448
11/11/23 9:00		14	486	216448
11/11/23 9:30		14	487	216448
11/11/23 10:00		14	486	216448
11/11/23 10:30		14	487	216448
11/11/23 11:00		14	487	216448
11/11/23 11:30		14	487	216448
11/11/23 12:00		14	487	216448
11/11/23 12:30		15	487	216448
11/11/23 13:00		15	486	216448
11/11/23 13:30		15	486	216448
11/11/23 14:00		15	486	216448
11/11/23 14:30		15	486	216448
11/11/23 15:00		15	486	216448
11/11/23 15:30		15	486	216448
11/11/23 16:00		15	486	216448
11/11/23 16:30		15	486	216448
11/11/23 17:00		15	486	216448
11/11/23 17:30		15	486	216448
11/11/23 18:00		15	486	216448
11/11/23 18:30		15	486	216448
11/11/23 19:00		15	486	216448
11/11/23 19:30		15	486	216448
11/11/23 20:00		15	486	216448
11/11/23 20:30		15	486	216448
11/11/23 21:00		15	486	216448
11/11/23 21:30		15	486	216448
11/11/23 22:00		15	486	216448
11/11/23 22:30		15	486	216448
11/11/23 23:00		15	486	216448
11/11/23 23:30		15	486	216448
11/12/23 0:00		15	486	216448
11/12/23 0:30		15	486	216448
11/12/23 1:00		15	486	216448
11/12/23 1:30		15	486	216448
11/12/23 2:00		15	486	216448
11/12/23 2:30		15	486	216448
11/12/23 3:00		15	486	216448
11/12/23 3:30		15	485	216448
11/12/23 4:00		15	485	216448
11/12/23 4:30		15	485	216448
11/12/23 5:00		15	485	216448
11/12/23 5:30		15	485	216448
11/12/23 6:00		15	485	216448
11/12/23 6:30		15	485	216448
11/12/23 7:00		15	485	216448
11/12/23 7:30		14	485	216448
11/12/23 8:00		14	485	216448
11/12/23 8:30		14	485	216448
11/12/23 9:00		15	485	216448
11/12/23 9:30		15	486	216448
11/12/23 10:00		15	486	216448
11/12/23 10:30		14	486	216448
11/12/23 11:00		14	486	216448
11/12/23 11:30		15	486	216448
11/12/23 12:00		15	486	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/12/23 12:30		15	486	216448
11/12/23 13:00		15	486	216448
11/12/23 13:30		15	486	216448
11/12/23 14:00		15	486	216448
11/12/23 14:30		15	486	216448
11/12/23 15:00		15	486	216448
11/12/23 15:30		15	486	216448
11/12/23 16:00		15	486	216448
11/12/23 16:30		15	486	216448
11/12/23 17:00		15	486	216448
11/12/23 17:30		15	486	216448
11/12/23 18:00		15	485	216448
11/12/23 18:30		15	485	216448
11/12/23 19:00		15	485	216448
11/12/23 19:30		15	485	216448
11/12/23 20:00		15	485	216448
11/12/23 20:30		15	485	216448
11/12/23 21:00		15	485	216448
11/12/23 21:30		15	486	216448
11/12/23 22:00		15	485	216448
11/12/23 22:30		15	485	216448
11/12/23 23:00		15	485	216448
11/12/23 23:30		15	485	216448
11/13/23 0:00		15	485	216448
11/13/23 0:30		15	485	216448
11/13/23 1:00		15	485	216448
11/13/23 1:30		15	485	216448
11/13/23 2:00		15	485	216448
11/13/23 2:30		15	485	216448
11/13/23 3:00		15	485	216448
11/13/23 3:30		15	485	216448
11/13/23 4:00		15	485	216448
11/13/23 4:30		15	485	216448
11/13/23 5:00		15	485	216448
11/13/23 5:30		15	485	216448
11/13/23 6:00		15	485	216448
11/13/23 6:30		15	485	216448
11/13/23 7:00		15	485	216448
11/13/23 7:30		15	485	216448
11/13/23 8:00		15	485	216448
11/13/23 8:30		15	485	216448
11/13/23 9:00		15	485	216448
11/13/23 9:30		15	486	216448
11/13/23 10:00		15	486	216448
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11/13/23 11:00		15	486	216448
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11/13/23 12:30		15	486	216448
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11/13/23 13:30		15	486	216448
11/13/23 14:00		15	485	216448
11/13/23 14:30		15	485	216448
11/13/23 15:00		15	485	216448
11/13/23 15:30		15	485	216448
11/13/23 16:00		15	485	216448
11/13/23 16:30		15	485	216448
11/13/23 17:00		15	485	216448
11/13/23 17:30		15	485	216448
11/13/23 18:00		15	485	216448
11/13/23 18:30		15	485	216448
11/13/23 19:00		15	485	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/13/23 19:30		15	485	216448
11/13/23 20:00		15	485	216448
11/13/23 20:30		15	485	216448
11/13/23 21:00		15	485	216448
11/13/23 21:30		15	485	216448
11/13/23 22:00		15	485	216448
11/13/23 22:30		15	485	216448
11/13/23 23:00		15	485	216448
11/13/23 23:30		15	485	216448
11/14/23 0:00		15	485	216448
11/14/23 0:30		15	485	216448
11/14/23 1:00		15	485	216448
11/14/23 1:30		15	485	216448
11/14/23 2:00		15	485	216448
11/14/23 2:30		15	485	216448
11/14/23 3:00		15	485	216448
11/14/23 3:30		15	485	216448
11/14/23 4:00		15	485	216448
11/14/23 4:30		15	485	216448
11/14/23 5:00		15	485	216448
11/14/23 5:30		15	485	216448
11/14/23 6:00		15	485	216448
11/14/23 6:30		15	485	216448
11/14/23 7:00		15	485	216448
11/14/23 7:30		15	485	216448
11/14/23 8:00		15	485	216448
11/14/23 8:30		15	485	216448
11/14/23 9:00		15	484	216448
11/14/23 9:30		15	485	216448
11/14/23 10:00		15	486	216448
11/14/23 10:30		15	486	216448
11/14/23 11:00		15	486	216448
11/14/23 11:30		15	485	216448
11/14/23 12:00		15	485	216448
11/14/23 12:30		15	485	216448
11/14/23 13:00		15	485	216448
11/14/23 13:30		15	485	216448
11/14/23 14:00		15	485	216448
11/14/23 14:30		15	485	216448
11/14/23 15:00		15	485	216448
11/14/23 15:30		15	485	216448
11/14/23 16:00		15	485	216448
11/14/23 16:30		16	485	216448
11/14/23 17:00		16	485	216448
11/14/23 17:30		16	485	216448
11/14/23 18:00		16	485	216448
11/14/23 18:30		16	485	216448
11/14/23 19:00		16	484	216448
11/14/23 19:30		16	485	216448
11/14/23 20:00		16	485	216448
11/14/23 20:30		16	485	216448
11/14/23 21:00		15	485	216448
11/14/23 21:30		15	485	216448
11/14/23 22:00		15	485	216448
11/14/23 22:30		15	485	216448
11/14/23 23:00		15	485	216448
11/14/23 23:30		15	485	216448
11/15/23 0:00		15	485	216448
11/15/23 0:30		15	485	216448
11/15/23 1:00		15	484	216448
11/15/23 1:30		15	484	216448
11/15/23 2:00		15	484	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/15/23 2:30		15	484	216448
11/15/23 3:00		15	484	216448
11/15/23 3:30		15	484	216448
11/15/23 4:00		15	484	216448
11/15/23 4:30		15	484	216448
11/15/23 5:00		15	485	216448
11/15/23 5:30		15	485	216448
11/15/23 6:00		15	485	216448
11/15/23 6:30		15	485	216448
11/15/23 7:00		15	485	216448
11/15/23 7:30		15	485	216448
11/15/23 8:00		15	485	216448
11/15/23 8:30		15	485	216448
11/15/23 9:00		15	484	216448
11/15/23 9:30		15	485	216448
11/15/23 10:00		15	485	216448
11/15/23 10:30		15	485	216448
11/15/23 11:00		15	485	216448
11/15/23 11:30		15	485	216448
11/15/23 12:00		15	485	216448
11/15/23 12:30		15	485	216448
11/15/23 13:00		15	485	216448
11/15/23 13:30		15	485	216448
11/15/23 14:00		15	485	216448
11/15/23 14:30		15	485	216448
11/15/23 15:00		15	485	216448
11/15/23 15:30		15	485	216448
11/15/23 16:00		16	484	216448
11/15/23 16:30		16	484	216448
11/15/23 17:00		16	485	216448
11/15/23 17:30		16	484	216448
11/15/23 18:00		16	484	216448
11/15/23 18:30		16	484	216448
11/15/23 19:00		16	484	216448
11/15/23 19:30		16	484	216448
11/15/23 20:00		16	484	216448
11/15/23 20:30		16	484	216448
11/15/23 21:00		16	484	216448
11/15/23 21:30		16	484	216448
11/15/23 22:00		16	484	216448
11/15/23 22:30		15	484	216448
11/15/23 23:00		15	484	216448
11/15/23 23:30		15	484	216448
11/16/23 0:00		15	484	216448
11/16/23 0:30		15	484	216448
11/16/23 1:00		15	484	216448
11/16/23 1:30		15	484	216448
11/16/23 2:00		15	484	216448
11/16/23 2:30		15	484	216448
11/16/23 3:00		15	484	216448
11/16/23 3:30		15	484	216448
11/16/23 4:00		15	484	216448
11/16/23 4:30		15	484	216448
11/16/23 5:00		15	484	216448
11/16/23 5:30		15	484	216448
11/16/23 6:00		15	484	216448
11/16/23 6:30		15	484	216448
11/16/23 7:00		15	484	216448
11/16/23 7:30		15	484	216448
11/16/23 8:00		15	484	216448
11/16/23 8:30		15	484	216448
11/16/23 9:00		15	484	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/16/23 9:30		15	484	216448
11/16/23 10:00		15	484	216448
11/16/23 10:30		15	484	216448
11/16/23 11:00		15	484	216448
11/16/23 11:30		15	484	216448
11/16/23 12:00		15	485	216448
11/16/23 12:30		15	485	216448
11/16/23 13:00		15	485	216448
11/16/23 13:30		16	485	216448
11/16/23 14:00		16	484	216448
11/16/23 14:30		16	484	216448
11/16/23 15:00		16	484	216448
11/16/23 15:30		16	485	216448
11/16/23 16:00		16	484	216448
11/16/23 16:30		16	484	216448
11/16/23 17:00		16	484	216448
11/16/23 17:30		16	484	216448
11/16/23 18:00		16	484	216448
11/16/23 18:30		16	484	216448
11/16/23 19:00		16	484	216448
11/16/23 19:30		16	484	216448
11/16/23 20:00		16	484	216448
11/16/23 20:30		16	484	216448
11/16/23 21:00		16	484	216448
11/16/23 21:30		16	484	216448
11/16/23 22:00		16	484	216448
11/16/23 22:30		16	484	216448
11/16/23 23:00		16	484	216448
11/16/23 23:30		16	484	216448
11/17/23 0:00		16	484	216448
11/17/23 0:30		16	484	216448
11/17/23 1:00		16	484	216448
11/17/23 1:30		16	484	216448
11/17/23 2:00		16	484	216448
11/17/23 2:30		16	484	216448
11/17/23 3:00		16	484	216448
11/17/23 3:30		16	484	216448
11/17/23 4:00		16	484	216448
11/17/23 4:30		16	484	216448
11/17/23 5:00		16	484	216448
11/17/23 5:30		16	484	216448
11/17/23 6:00		15	484	216448
11/17/23 6:30		15	484	216448
11/17/23 7:00		15	484	216448
11/17/23 7:30		15	484	216448
11/17/23 8:00		15	484	216448
11/17/23 8:30		15	484	216448
11/17/23 9:00		15	484	216448
11/17/23 9:30		15	484	216448
11/17/23 10:00		15	484	216448
11/17/23 10:30		15	485	216448
11/17/23 11:00		15	484	216448
11/17/23 11:30		15	484	216448
11/17/23 12:00		16	484	216448
11/17/23 12:30		16	484	216448
11/17/23 13:00		16	484	216448
11/17/23 13:30		16	484	216448
11/17/23 14:00		16	484	216448
11/17/23 14:30		16	484	216448
11/17/23 15:00		16	484	216448
11/17/23 15:30		16	484	216448
11/17/23 16:00		16	484	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/17/23 16:30		16	484	216448
11/17/23 17:00		16	484	216448
11/17/23 17:30		16	484	216448
11/17/23 18:00		16	484	216448
11/17/23 18:30		16	483	216448
11/17/23 19:00		16	483	216448
11/17/23 19:30		16	483	216448
11/17/23 20:00		16	484	216448
11/17/23 20:30		16	484	216448
11/17/23 21:00		16	484	216448
11/17/23 21:30		16	484	216448
11/17/23 22:00		16	484	216448
11/17/23 22:30		16	484	216448
11/17/23 23:00		16	484	216448
11/17/23 23:30		16	484	216448
11/18/23 0:00		16	484	216448
11/18/23 0:30		16	484	216448
11/18/23 1:00		16	484	216448
11/18/23 1:30		16	483	216448
11/18/23 2:00		16	483	216448
11/18/23 2:30		16	483	216448
11/18/23 3:00		16	484	216448
11/18/23 3:30		16	484	216448
11/18/23 4:00		16	483	216448
11/18/23 4:30		16	483	216448
11/18/23 5:00		16	483	216448
11/18/23 5:30		16	484	216448
11/18/23 6:00		16	484	216448
11/18/23 6:30		16	483	216448
11/18/23 7:00		16	483	216448
11/18/23 7:30		16	484	216448
11/18/23 8:00		16	484	216448
11/18/23 8:30		16	483	216448
11/18/23 9:00		16	483	216448
11/18/23 9:30		16	484	216448
11/18/23 10:00		16	484	216448
11/18/23 10:30		16	484	216448
11/18/23 11:00		16	484	216448
11/18/23 11:30		16	484	216448
11/18/23 12:00		16	484	216448
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11/18/23 13:30		16	484	216448
11/18/23 14:00		16	484	216448
11/18/23 14:30		16	483	216448
11/18/23 15:00		16	483	216448
11/18/23 15:30		16	483	216448
11/18/23 16:00		16	483	216448
11/18/23 16:30		16	483	216448
11/18/23 17:00		16	483	216448
11/18/23 17:30		16	483	216448
11/18/23 18:00		16	483	216448
11/18/23 18:30		16	484	216448
11/18/23 19:00		16	483	216448
11/18/23 19:30		16	483	216448
11/18/23 20:00		16	483	216448
11/18/23 20:30		16	483	216448
11/18/23 21:00		16	483	216448
11/18/23 21:30		16	483	216448
11/18/23 22:00		16	483	216448
11/18/23 22:30		16	483	216448
11/18/23 23:00		16	483	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/18/23 23:30		16	483	216448
11/19/23 0:00		16	483	216448
11/19/23 0:30		16	483	216448
11/19/23 1:00		16	483	216448
11/19/23 1:30		16	483	216448
11/19/23 2:00		16	483	216448
11/19/23 2:30		16	483	216448
11/19/23 3:00		16	483	216448
11/19/23 3:30		16	483	216448
11/19/23 4:00		16	483	216448
11/19/23 4:30		16	483	216448
11/19/23 5:00		16	483	216448
11/19/23 5:30		16	483	216448
11/19/23 6:00		16	483	216448
11/19/23 6:30		16	483	216448
11/19/23 7:00		16	483	216448
11/19/23 7:30		16	483	216448
11/19/23 8:00		16	483	216448
11/19/23 8:30		16	483	216448
11/19/23 9:00		16	483	216448
11/19/23 9:30		16	483	216448
11/19/23 10:00		16	483	216448
11/19/23 10:30		16	483	216448
11/19/23 11:00		16	483	216448
11/19/23 11:30		16	483	216448
11/19/23 12:00		16	483	216448
11/19/23 12:30		16	483	216448
11/19/23 13:00		16	484	216448
11/19/23 13:30		16	484	216448
11/19/23 14:00		16	483	216448
11/19/23 14:30		16	483	216448
11/19/23 15:00		16	483	216448
11/19/23 15:30		16	483	216448
11/19/23 16:00		16	483	216448
11/19/23 16:30		16	483	216448
11/19/23 17:00		16	483	216448
11/19/23 17:30		16	483	216448
11/19/23 18:00		16	483	216448
11/19/23 18:30		16	483	216448
11/19/23 19:00		16	483	216448
11/19/23 19:30		16	483	216448
11/19/23 20:00		16	483	216448
11/19/23 20:30		16	483	216448
11/19/23 21:00		16	483	216448
11/19/23 21:30		16	483	216448
11/19/23 22:00		16	483	216448
11/19/23 22:30		16	483	216448
11/19/23 23:00		16	483	216448
11/19/23 23:30		16	483	216448
11/20/23 0:00		16	483	216448
11/20/23 0:30		16	483	216448
11/20/23 1:00		16	483	216448
11/20/23 1:30		16	483	216448
11/20/23 2:00		16	483	216448
11/20/23 2:30		16	483	216448
11/20/23 3:00		16	483	216448
11/20/23 3:30		16	483	216448
11/20/23 4:00		16	483	216448
11/20/23 4:30		16	483	216448
11/20/23 5:00		16	483	216448
11/20/23 5:30		16	483	216448
11/20/23 6:00		16	483	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/20/23 6:30		16	483	216448
11/20/23 7:00		16	483	216448
11/20/23 7:30		16	483	216448
11/20/23 8:00		16	483	216448
11/20/23 8:30		16	483	216448
11/20/23 9:00		16	483	216448
11/20/23 9:30		16	483	216448
11/20/23 10:00		16	483	216448
11/20/23 10:30		16	483	216448
11/20/23 11:00		16	483	216448
11/20/23 11:30		16	483	216448
11/20/23 12:00		16	483	216448
11/20/23 12:30		16	483	216448
11/20/23 13:00		16	483	216448
11/20/23 13:30		16	483	216448
11/20/23 14:00		16	483	216448
11/20/23 14:30		16	483	216448
11/20/23 15:00		16	483	216448
11/20/23 15:30		16	483	216448
11/20/23 16:00		16	483	216448
11/20/23 16:30		16	483	216448
11/20/23 17:00		16	483	216448
11/20/23 17:30		16	482	216448
11/20/23 18:00		16	482	216448
11/20/23 18:30		16	482	216448
11/20/23 19:00		16	482	216448
11/20/23 19:30		16	482	216448
11/20/23 20:00		16	482	216448
11/20/23 20:30		16	482	216448
11/20/23 21:00		16	482	216448
11/20/23 21:30		16	482	216448
11/20/23 22:00		16	482	216448
11/20/23 22:30		16	482	216448
11/20/23 23:00		16	482	216448
11/20/23 23:30		16	482	216448
11/21/23 0:00		16	482	216448
11/21/23 0:30		16	482	216448
11/21/23 1:00		16	482	216448
11/21/23 1:30		16	482	216448
11/21/23 2:00		16	482	216448
11/21/23 2:30		16	482	216448
11/21/23 3:00		16	482	216448
11/21/23 3:30		16	482	216448
11/21/23 4:00		16	482	216448
11/21/23 4:30		16	482	216448
11/21/23 5:00		16	482	216448
11/21/23 5:30		16	482	216448
11/21/23 6:00		16	482	216448
11/21/23 6:30		16	482	216448
11/21/23 7:00		16	482	216448
11/21/23 7:30		16	482	216448
11/21/23 8:00		16	482	216448
11/21/23 8:30		16	482	216448
11/21/23 9:00		16	482	216448
11/21/23 9:30		16	483	216448
11/21/23 10:00		16	483	216448
11/21/23 10:30		16	483	216448
11/21/23 11:00		16	483	216448
11/21/23 11:30		16	483	216448
11/21/23 12:00		16	483	216448
11/21/23 12:30		16	483	216448
11/21/23 13:00		16	483	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/21/23 13:30		16	482	216448
11/21/23 14:00		16	482	216448
11/21/23 14:30		16	482	216448
11/21/23 15:00		16	482	216448
11/21/23 15:30		16	482	216448
11/21/23 16:00		16	482	216448
11/21/23 16:30		16	482	216448
11/21/23 17:00		16	482	216448
11/21/23 17:30		16	482	216448
11/21/23 18:00		16	482	216448
11/21/23 18:30		16	482	216448
11/21/23 19:00		16	482	216448
11/21/23 19:30		16	482	216448
11/21/23 20:00		16	482	216448
11/21/23 20:30		16	482	216448
11/21/23 21:00		16	482	216448
11/21/23 21:30		16	482	216448
11/21/23 22:00		16	482	216448
11/21/23 22:30		16	482	216448
11/21/23 23:00		16	482	216448
11/21/23 23:30		16	482	216448
11/22/23 0:00		16	482	216448
11/22/23 0:30		16	482	216448
11/22/23 1:00		16	482	216448
11/22/23 1:30		16	482	216448
11/22/23 2:00		16	482	216448
11/22/23 2:30		16	482	216448
11/22/23 3:00		16	482	216448
11/22/23 3:30		16	482	216448
11/22/23 4:00		16	482	216448
11/22/23 4:30		16	482	216448
11/22/23 5:00		16	482	216448
11/22/23 5:30		16	482	216448
11/22/23 6:00		16	482	216448
11/22/23 6:30		16	482	216448
11/22/23 7:00		16	481	216448
11/22/23 7:30		16	481	216448
11/22/23 8:00		16	482	216448
11/22/23 8:30		16	482	216448
11/22/23 9:00		16	481	216448
11/22/23 9:30		16	482	216448
11/22/23 10:00		16	482	216448
11/22/23 10:30		16	483	216448
11/22/23 11:00		16	483	216448
11/22/23 11:30		16	483	216448
11/22/23 12:00		16	482	216448
11/22/23 12:30		16	482	216448
11/22/23 13:00		16	482	216448
11/22/23 13:30		16	482	216448
11/22/23 14:00		16	482	216448
11/22/23 14:30		16	482	216448
11/22/23 15:00		16	482	216448
11/22/23 15:30		16	482	216448
11/22/23 16:00		16	482	216448
11/22/23 16:30		16	482	216448
11/22/23 17:00		16	482	216448
11/22/23 17:30		16	482	216448
11/22/23 18:00		16	482	216448
11/22/23 18:30		16	482	216448
11/22/23 19:00		16	481	216448
11/22/23 19:30		16	482	216448
11/22/23 20:00		16	482	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/22/23 20:30		16	482	216448
11/22/23 21:00		16	482	216448
11/22/23 21:30		16	482	216448
11/22/23 22:00		16	482	216448
11/22/23 22:30		16	482	216448
11/22/23 23:00		16	482	216448
11/22/23 23:30		16	482	216448
11/23/23 0:00		16	482	216448
11/23/23 0:30		16	482	216448
11/23/23 1:00		16	482	216448
11/23/23 1:30		16	482	216448
11/23/23 2:00		16	482	216448
11/23/23 2:30		16	482	216448
11/23/23 3:00		16	482	216448
11/23/23 3:30		16	482	216448
11/23/23 4:00		16	482	216448
11/23/23 4:30		16	482	216448
11/23/23 5:00		16	482	216448
11/23/23 5:30		16	481	216448
11/23/23 6:00		16	481	216448
11/23/23 6:30		16	481	216448
11/23/23 7:00		16	481	216448
11/23/23 7:30		16	482	216448
11/23/23 8:00		16	481	216448
11/23/23 8:30		16	481	216448
11/23/23 9:00		16	481	216448
11/23/23 9:30		16	482	216448
11/23/23 10:00		16	482	216448
11/23/23 10:30		16	482	216448
11/23/23 11:00		16	482	216448
11/23/23 11:30		16	482	216448
11/23/23 12:00		16	482	216448
11/23/23 12:30		16	482	216448
11/23/23 13:00		16	482	216448
11/23/23 13:30		16	482	216448
11/23/23 14:00		16	482	216448
11/23/23 14:30		16	482	216448
11/23/23 15:00		16	482	216448
11/23/23 15:30		16	482	216448
11/23/23 16:00		16	482	216448
11/23/23 16:30		16	481	216448
11/23/23 17:00		16	482	216448
11/23/23 17:30		16	482	216448
11/23/23 18:00		16	482	216448
11/23/23 18:30		16	481	216448
11/23/23 19:00		16	482	216448
11/23/23 19:30		16	482	216448
11/23/23 20:00		16	482	216448
11/23/23 20:30		16	482	216448
11/23/23 21:00		16	482	216448
11/23/23 21:30		16	482	216448
11/23/23 22:00		16	482	216448
11/23/23 22:30		16	481	216448
11/23/23 23:00		16	481	216448
11/23/23 23:30		16	481	216448
11/24/23 0:00		16	481	216448
11/24/23 0:30		16	481	216448
11/24/23 1:00		16	482	216448
11/24/23 1:30		16	482	216448
11/24/23 2:00		16	482	216448
11/24/23 2:30		16	482	216448
11/24/23 3:00		16	482	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/24/23 3:30		16	482	216448
11/24/23 4:00		16	482	216448
11/24/23 4:30		16	482	216448
11/24/23 5:00		16	482	216448
11/24/23 5:30		16	481	216448
11/24/23 6:00		16	482	216448
11/24/23 6:30		16	482	216448
11/24/23 7:00		16	481	216448
11/24/23 7:30		16	481	216448
11/24/23 8:00		16	481	216448
11/24/23 8:30		16	481	216448
11/24/23 9:00		16	481	216448
11/24/23 9:30		16	481	216448
11/24/23 10:00		16	482	216448
11/24/23 10:30		16	482	216448
11/24/23 11:00		16	482	216448
11/24/23 11:30		16	482	216448
11/24/23 12:00		16	481	216448
11/24/23 12:30		16	482	216448
11/24/23 13:00		16	482	216448
11/24/23 13:30		16	481	216448
11/24/23 14:00		16	482	216448
11/24/23 14:30		16	481	216448
11/24/23 15:00		16	481	216448
11/24/23 15:30		16	481	216448
11/24/23 16:00		16	481	216448
11/24/23 16:30		16	482	216448
11/24/23 17:00		16	481	216448
11/24/23 17:30		16	481	216448
11/24/23 18:00		16	481	216448
11/24/23 18:30		16	481	216448
11/24/23 19:00		16	481	216448
11/24/23 19:30		16	481	216448
11/24/23 20:00		16	481	216448
11/24/23 20:30		16	481	216448
11/24/23 21:00		16	481	216448
11/24/23 21:30		16	481	216448
11/24/23 22:00		16	481	216448
11/24/23 22:30		16	481	216448
11/24/23 23:00		16	481	216448
11/24/23 23:30		16	481	216448
11/25/23 0:00		16	481	216448
11/25/23 0:30		16	481	216448
11/25/23 1:00		16	481	216448
11/25/23 1:30		16	481	216448
11/25/23 2:00		16	481	216448
11/25/23 2:30		16	481	216448
11/25/23 3:00		16	481	216448
11/25/23 3:30		16	481	216448
11/25/23 4:00		16	481	216448
11/25/23 4:30		16	481	216448
11/25/23 5:00		16	481	216448
11/25/23 5:30		16	481	216448
11/25/23 6:00		16	481	216448
11/25/23 6:30		16	481	216448
11/25/23 7:00		16	481	216448
11/25/23 7:30		16	481	216448
11/25/23 8:00		16	481	216448
11/25/23 8:30		16	481	216448
11/25/23 9:00		16	481	216448
11/25/23 9:30		16	481	216448
11/25/23 10:00		16	481	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/25/23 10:30		16	481	216448
11/25/23 11:00		16	481	216448
11/25/23 11:30		16	481	216448
11/25/23 12:00		16	481	216448
11/25/23 12:30		16	481	216448
11/25/23 13:00		16	481	216448
11/25/23 13:30		16	482	216448
11/25/23 14:00		16	481	216448
11/25/23 14:30		16	481	216448
11/25/23 15:00		16	481	216448
11/25/23 15:30		16	481	216448
11/25/23 16:00		16	481	216448
11/25/23 16:30		16	481	216448
11/25/23 17:00		16	481	216448
11/25/23 17:30		16	481	216448
11/25/23 18:00		16	481	216448
11/25/23 18:30		16	481	216448
11/25/23 19:00		16	481	216448
11/25/23 19:30		16	481	216448
11/25/23 20:00		16	481	216448
11/25/23 20:30		16	481	216448
11/25/23 21:00		16	481	216448
11/25/23 21:30		16	481	216448
11/25/23 22:00		16	481	216448
11/25/23 22:30		16	481	216448
11/25/23 23:00		16	481	216448
11/25/23 23:30		16	480	216448
11/26/23 0:00		16	480	216448
11/26/23 0:30		16	480	216448
11/26/23 1:00		16	480	216448
11/26/23 1:30		16	480	216448
11/26/23 2:00		16	480	216448
11/26/23 2:30		16	480	216448
11/26/23 3:00		16	480	216448
11/26/23 3:30		16	480	216448
11/26/23 4:00		16	480	216448
11/26/23 4:30		16	480	216448
11/26/23 5:00		16	480	216448
11/26/23 5:30		16	481	216448
11/26/23 6:00		16	481	216448
11/26/23 6:30		16	481	216448
11/26/23 7:00		16	480	216448
11/26/23 7:30		16	480	216448
11/26/23 8:00		16	481	216448
11/26/23 8:30		16	481	216448
11/26/23 9:00		16	481	216448
11/26/23 9:30		16	483	216448
11/26/23 10:00		16	483	216448
11/26/23 10:30		16	481	216448
11/26/23 11:00		16	481	216448
11/26/23 11:30		16	481	216448
11/26/23 12:00		16	481	216448
11/26/23 12:30		16	481	216448
11/26/23 13:00		16	481	216448
11/26/23 13:30		16	481	216448
11/26/23 14:00		16	480	216448
11/26/23 14:30		16	480	216448
11/26/23 15:00		16	480	216448
11/26/23 15:30		16	480	216448
11/26/23 16:00		16	481	216448
11/26/23 16:30		16	481	216448
11/26/23 17:00		16	481	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/26/23 17:30		16	481	216448
11/26/23 18:00		16	480	216448
11/26/23 18:30		16	480	216448
11/26/23 19:00		16	480	216448
11/26/23 19:30		16	480	216448
11/26/23 20:00		16	480	216448
11/26/23 20:30		16	480	216448
11/26/23 21:00		16	480	216448
11/26/23 21:30		16	480	216448
11/26/23 22:00		16	480	216448
11/26/23 22:30		16	480	216448
11/26/23 23:00		16	480	216448
11/26/23 23:30		16	480	216448
11/27/23 0:00		16	480	216448
11/27/23 0:30		16	480	216448
11/27/23 1:00		16	480	216448
11/27/23 1:30		16	480	216448
11/27/23 2:00		16	480	216448
11/27/23 2:30		16	480	216448
11/27/23 3:00		16	480	216448
11/27/23 3:30		16	480	216448
11/27/23 4:00		16	480	216448
11/27/23 4:30		16	480	216448
11/27/23 5:00		16	480	216448
11/27/23 5:30		16	481	216448
11/27/23 6:00		16	480	216448
11/27/23 6:30		16	480	216448
11/27/23 7:00		16	480	216448
11/27/23 7:30		16	480	216448
11/27/23 8:00		16	479	216448
11/27/23 8:30		16	480	216448
11/27/23 9:00		16	480	216448
11/27/23 9:30		16	480	216448
11/27/23 10:00		16	480	216448
11/27/23 10:30		16	484	216448
11/27/23 11:00		16	481	216448
11/27/23 11:30		16	481	216448
11/27/23 12:00		16	481	216448
11/27/23 12:30		16	481	216448
11/27/23 13:00		16	481	216448
11/27/23 13:30		16	481	216448
11/27/23 14:00		16	481	216448
11/27/23 14:30		16	481	216448
11/27/23 15:00		16	480	216448
11/27/23 15:30		16	480	216448
11/27/23 16:00		16	480	216448
11/27/23 16:30		16	480	216448
11/27/23 17:00		16	480	216448
11/27/23 17:30		16	480	216448
11/27/23 18:00		16	480	216448
11/27/23 18:30		16	480	216448
11/27/23 19:00		16	480	216448
11/27/23 19:30		16	480	216448
11/27/23 20:00		16	480	216448
11/27/23 20:30		16	480	216448
11/27/23 21:00		16	480	216448
11/27/23 21:30		16	480	216448
11/27/23 22:00		16	480	216448
11/27/23 22:30		16	480	216448
11/27/23 23:00		16	480	216448
11/27/23 23:30		16	480	216448
11/28/23 0:00		16	480	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/28/23 0:30		16	480	216448
11/28/23 1:00		16	480	216448
11/28/23 1:30		16	480	216448
11/28/23 2:00		16	480	216448
11/28/23 2:30		16	480	216448
11/28/23 3:00		16	480	216448
11/28/23 3:30		16	479	216448
11/28/23 4:00		16	479	216448
11/28/23 4:30		16	479	216448
11/28/23 5:00		16	479	216448
11/28/23 5:30		16	480	216448
11/28/23 6:00		16	480	216448
11/28/23 6:30		16	480	216448
11/28/23 7:00		16	479	216448
11/28/23 7:30		16	479	216448
11/28/23 8:00		16	480	216448
11/28/23 8:30		16	481	216448
11/28/23 9:00		16	481	216448
11/28/23 9:30		16	481	216448
11/28/23 10:00		16	484	216448
11/28/23 10:30		16	484	216448
11/28/23 11:00		17	480	216448
11/28/23 11:30		16	480	216448
11/28/23 12:00		16	480	216448
11/28/23 12:30		16	480	216448
11/28/23 13:00		16	480	216448
11/28/23 13:30		16	480	216448
11/28/23 14:00		16	480	216448
11/28/23 14:30		16	480	216448
11/28/23 15:00		16	480	216448
11/28/23 15:30		16	480	216448
11/28/23 16:00		16	480	216448
11/28/23 16:30		16	480	216448
11/28/23 17:00		16	480	216448
11/28/23 17:30		16	480	216448
11/28/23 18:00		17	480	216448
11/28/23 18:30		17	479	216448
11/28/23 19:00		17	479	216448
11/28/23 19:30		17	480	216448
11/28/23 20:00		16	480	216448
11/28/23 20:30		16	480	216448
11/28/23 21:00		16	480	216448
11/28/23 21:30		16	480	216448
11/28/23 22:00		16	480	216448
11/28/23 22:30		16	480	216448
11/28/23 23:00		16	480	216448
11/28/23 23:30		16	480	216448
11/29/23 0:00		16	480	216448
11/29/23 0:30		16	480	216448
11/29/23 1:00		16	480	216448
11/29/23 1:30		16	479	216448
11/29/23 2:00		16	479	216448
11/29/23 2:30		16	479	216448
11/29/23 3:00		16	479	216448
11/29/23 3:30		16	479	216448
11/29/23 4:00		16	479	216448
11/29/23 4:30		16	479	216448
11/29/23 5:00		16	479	216448
11/29/23 5:30		16	479	216448
11/29/23 6:00		16	479	216448
11/29/23 6:30		16	479	216448
11/29/23 7:00		16	479	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/29/23 7:30		16	480	216448
11/29/23 8:00		16	480	216448
11/29/23 8:30		16	480	216448
11/29/23 9:00		16	480	216448
11/29/23 9:30				216448
11/29/23 10:00				216448
11/29/23 10:30				216448
11/29/23 11:00				216448
11/29/23 11:30				216448
11/29/23 12:00				216448
11/29/23 12:30				216448
11/29/23 13:00				216448
11/29/23 13:30				216448
11/29/23 14:00				216448
11/29/23 14:30				216448
11/29/23 15:00				216448
11/29/23 15:30				216448
11/29/23 16:00				216448
11/29/23 16:30				216448
11/29/23 17:00				216448
11/29/23 17:30				216448
11/29/23 18:00				216448
11/29/23 18:30		16	480	216448
11/29/23 19:00		16	479	216448
11/29/23 19:30		16	479	216448
11/29/23 20:00		16	480	216448
11/29/23 20:30		16	480	216448
11/29/23 21:00		16	480	216448
11/29/23 21:30		16	480	216448
11/29/23 22:00		16	480	216448
11/29/23 22:30		16	480	216448
11/29/23 23:00		16	480	216448
11/29/23 23:30		16	480	216448
11/30/23 0:00		16	480	216448
11/30/23 0:30		16	480	216448
11/30/23 1:00		16	480	216448
11/30/23 1:30		16	479	216448
11/30/23 2:00		16	480	216448
11/30/23 2:30		16	480	216448
11/30/23 3:00		16	480	216448
11/30/23 3:30		16	480	216448
11/30/23 4:00		16	480	216448
11/30/23 4:30		16	480	216448
11/30/23 5:00		16	480	216448
11/30/23 5:30		16	480	216448
11/30/23 6:00		16	480	216448
11/30/23 6:30		16	480	216448
11/30/23 7:00		16	480	216448
11/30/23 7:30		16	480	216448
11/30/23 8:00		16	480	216448
11/30/23 8:30		16	480	216448
11/30/23 9:00		16	480	216448
11/30/23 9:30		16	480	216448
11/30/23 10:00		16	480	216448
11/30/23 10:30		16	480	216448
11/30/23 11:00		16	480	216448
11/30/23 11:30		16	480	216448
11/30/23 12:00		16	480	216448
11/30/23 12:30		16	480	216448
11/30/23 13:00		16	480	216448
11/30/23 13:30		16	480	216448
11/30/23 14:00		16	480	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/30/23 14:30		16	480	216448
11/30/23 15:00		16	479	216448
11/30/23 15:30		16	479	216448
11/30/23 16:00		17	479	216448
11/30/23 16:30		17	479	216448
11/30/23 17:00		17	479	216448
11/30/23 17:30		17	479	216448
11/30/23 18:00		17	479	216448
11/30/23 18:30		17	479	216448
11/30/23 19:00		17	479	216448
11/30/23 19:30		17	479	216448
11/30/23 20:00		17	479	216448
11/30/23 20:30		16	479	216448
11/30/23 21:00		16	479	216448
11/30/23 21:30		16	479	216448
11/30/23 22:00		16	479	216448
11/30/23 22:30		16	479	216448
11/30/23 23:00		16	479	216448
11/30/23 23:30		16	479	216448
12/1/23 0:00		16	479	216448
12/1/23 0:30		16	479	216448
12/1/23 1:00		16	479	216448
12/1/23 1:30		16	479	216448
12/1/23 2:00		16	479	216448
12/1/23 2:30		16	479	216448
12/1/23 3:00		16	479	216448
12/1/23 3:30		16	479	216448
12/1/23 4:00		16	479	216448
12/1/23 4:30		16	479	216448
12/1/23 5:00		16	479	216448
12/1/23 5:30		16	479	216448
12/1/23 6:00		16	479	216448
12/1/23 6:30		16	479	216448
12/1/23 7:00		16	479	216448
12/1/23 7:30		16	479	216448
12/1/23 8:00		16	479	216448
12/1/23 8:30		16	479	216448
12/1/23 9:00		16	479	216448
12/1/23 9:30		16	479	216448
12/1/23 10:00		16	479	216448
12/1/23 10:30		16	479	216448
12/1/23 11:00		16	480	216448
12/1/23 11:30		16	480	216448
12/1/23 12:00		16	479	216448
12/1/23 12:30		16	479	216448
12/1/23 13:00		16	479	216448
12/1/23 13:30		17	479	216448
12/1/23 14:00		17	479	216448
12/1/23 14:30		17	479	216448
12/1/23 15:00		17	480	216448
12/1/23 15:30		17	479	216448
12/1/23 16:00		17	479	216448
12/1/23 16:30		17	479	216448
12/1/23 17:00		17	479	216448
12/1/23 17:30		17	479	216448
12/1/23 18:00		17	479	216448
12/1/23 18:30		17	479	216448
12/1/23 19:00		17	479	216448
12/1/23 19:30		17	479	216448
12/1/23 20:00		17	479	216448
12/1/23 20:30		16	479	216448
12/1/23 21:00		16	479	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/1/23 21:30		17	479	216448
12/1/23 22:00		17	479	216448
12/1/23 22:30		17	479	216448
12/1/23 23:00		16	479	216448
12/1/23 23:30		16	479	216448
12/2/23 0:00		17	479	216448
12/2/23 0:30		16	479	216448
12/2/23 1:00		16	479	216448
12/2/23 1:30		16	479	216448
12/2/23 2:00		16	479	216448
12/2/23 2:30		16	479	216448
12/2/23 3:00		16	479	216448
12/2/23 3:30		16	479	216448
12/2/23 4:00		16	479	216448
12/2/23 4:30		16	479	216448
12/2/23 5:00		16	479	216448
12/2/23 5:30		16	479	216448
12/2/23 6:00		16	479	216448
12/2/23 6:30		16	479	216448
12/2/23 7:00		16	479	216448
12/2/23 7:30		16	479	216448
12/2/23 8:00		16	479	216448
12/2/23 8:30		16	479	216448
12/2/23 9:00		16	478	216448
12/2/23 9:30		16	479	216448
12/2/23 10:00		17	479	216448
12/2/23 10:30		16	479	216448
12/2/23 11:00		16	479	216448
12/2/23 11:30		16	479	216448
12/2/23 12:00		16	479	216448
12/2/23 12:30		17	479	216448
12/2/23 13:00		17	479	216448
12/2/23 13:30		17	479	216448
12/2/23 14:00		17	479	216448
12/2/23 14:30		17	479	216448
12/2/23 15:00		17	479	216448
12/2/23 15:30		17	479	216448
12/2/23 16:00		17	479	216448
12/2/23 16:30		17	479	216448
12/2/23 17:00		17	479	216448
12/2/23 17:30		17	479	216448
12/2/23 18:00		17	478	216448
12/2/23 18:30		17	478	216448
12/2/23 19:00		17	478	216448
12/2/23 19:30		17	478	216448
12/2/23 20:00		17	479	216448
12/2/23 20:30		17	479	216448
12/2/23 21:00		17	479	216448
12/2/23 21:30		17	479	216448
12/2/23 22:00		17	479	216448
12/2/23 22:30		17	479	216448
12/2/23 23:00		17	479	216448
12/2/23 23:30		16	479	216448
12/3/23 0:00		16	479	216448
12/3/23 0:30		16	479	216448
12/3/23 1:00		16	479	216448
12/3/23 1:30		16	479	216448
12/3/23 2:00		16	479	216448
12/3/23 2:30		16	479	216448
12/3/23 3:00		16	478	216448
12/3/23 3:30		16	479	216448
12/3/23 4:00		16	479	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/3/23 4:30		16	479	216448
12/3/23 5:00		16	478	216448
12/3/23 5:30		16	478	216448
12/3/23 6:00		16	478	216448
12/3/23 6:30		16	478	216448
12/3/23 7:00		16	478	216448
12/3/23 7:30		16	478	216448
12/3/23 8:00		16	478	216448
12/3/23 8:30		16	478	216448
12/3/23 9:00		16	478	216448
12/3/23 9:30		16	479	216448
12/3/23 10:00		17	479	216448
12/3/23 10:30		17	479	216448
12/3/23 11:00		16	479	216448
12/3/23 11:30		17	479	216448
12/3/23 12:00		17	479	216448
12/3/23 12:30		17	479	216448
12/3/23 13:00		17	479	216448
12/3/23 13:30		17	479	216448
12/3/23 14:00		17	479	216448
12/3/23 14:30		17	479	216448
12/3/23 15:00		17	478	216448
12/3/23 15:30		17	478	216448
12/3/23 16:00		17	478	216448
12/3/23 16:30		17	478	216448
12/3/23 17:00		17	478	216448
12/3/23 17:30		17	478	216448
12/3/23 18:00		17	478	216448
12/3/23 18:30		17	478	216448
12/3/23 19:00		17	478	216448
12/3/23 19:30		17	478	216448
12/3/23 20:00		17	478	216448
12/3/23 20:30		17	478	216448
12/3/23 21:00		17	478	216448
12/3/23 21:30		17	478	216448
12/3/23 22:00		17	478	216448
12/3/23 22:30		17	478	216448
12/3/23 23:00		17	478	216448
12/3/23 23:30		17	478	216448
12/4/23 0:00		17	478	216448
12/4/23 0:30		17	478	216448
12/4/23 1:00		17	478	216448
12/4/23 1:30		17	478	216448
12/4/23 2:00		17	478	216448
12/4/23 2:30		17	478	216448
12/4/23 3:00		17	478	216448
12/4/23 3:30		17	478	216448
12/4/23 4:00		17	478	216448
12/4/23 4:30		17	478	216448
12/4/23 5:00		17	478	216448
12/4/23 5:30		17	478	216448
12/4/23 6:00		17	478	216448
12/4/23 6:30		17	478	216448
12/4/23 7:00		16	478	216448
12/4/23 7:30		17	478	216448
12/4/23 8:00		17	478	216448
12/4/23 8:30		16	478	216448
12/4/23 9:00		17	478	216448
12/4/23 9:30		17	478	216448
12/4/23 10:00		17	479	216448
12/4/23 10:30		17	479	216448
12/4/23 11:00		17	479	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/4/23 11:30		17	479	216448
12/4/23 12:00		17	479	216448
12/4/23 12:30		17	478	216448
12/4/23 13:00		17	479	216448
12/4/23 13:30		17	479	216448
12/4/23 14:00		17	478	216448
12/4/23 14:30		17	478	216448
12/4/23 15:00		17	478	216448
12/4/23 15:30		17	478	216448
12/4/23 16:00		17	478	216448
12/4/23 16:30		17	478	216448
12/4/23 17:00		17	478	216448
12/4/23 17:30		17	478	216448
12/4/23 18:00		17	478	216448
12/4/23 18:30		17	478	216448
12/4/23 19:00		17	478	216448
12/4/23 19:30		17	478	216448
12/4/23 20:00		17	478	216448
12/4/23 20:30		17	478	216448
12/4/23 21:00		17	478	216448
12/4/23 21:30		17	478	216448
12/4/23 22:00		17	478	216448
12/4/23 22:30		17	478	216448
12/4/23 23:00		17	478	216448
12/4/23 23:30		17	478	216448
12/5/23 0:00		17	478	216448
12/5/23 0:30		17	478	216448
12/5/23 1:00		17	478	216448
12/5/23 1:30		17	478	216448
12/5/23 2:00		17	478	216448
12/5/23 2:30		17	478	216448
12/5/23 3:00		17	478	216448
12/5/23 3:30		17	478	216448
12/5/23 4:00		17	478	216448
12/5/23 4:30		17	478	216448
12/5/23 5:00		17	478	216448
12/5/23 5:30		17	478	216448
12/5/23 6:00		17	478	216448
12/5/23 6:30		17	478	216448
12/5/23 7:00		17	477	216448
12/5/23 7:30		17	478	216448
12/5/23 8:00		17	478	216448
12/5/23 8:30		17	478	216448
12/5/23 9:00		17	478	216448
12/5/23 9:30		17	478	216448
12/5/23 10:00		17	479	216448
12/5/23 10:30		17	478	216448
12/5/23 11:00		17	478	216448
12/5/23 11:30		17	478	216448
12/5/23 12:00		17	478	216448
12/5/23 12:30		17	478	216448
12/5/23 13:00		17	478	216448
12/5/23 13:30		17	478	216448
12/5/23 14:00		17	478	216448
12/5/23 14:30		17	478	216448
12/5/23 15:00		17	478	216448
12/5/23 15:30		17	478	216448
12/5/23 16:00		17	478	216448
12/5/23 16:30		17	478	216448
12/5/23 17:00		17	478	216448
12/5/23 17:30		17	478	216448
12/5/23 18:00		17	478	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/5/23 18:30		17	477	13458
12/5/23 19:00		17	477	13458
12/5/23 19:30		17	477	13458
12/5/23 20:00		17	477	13458
12/5/23 20:30		17	478	13458
12/5/23 21:00		17	478	13458
12/5/23 21:30		17	478	13458
12/5/23 22:00		17	478	13458
12/5/23 22:30		17	478	13458
12/5/23 23:00		17	478	13458
12/5/23 23:30		17	478	13458
12/6/23 0:00		17	478	13458
12/6/23 0:30		17	477	13458
12/6/23 1:00		17	478	13458
12/6/23 1:30		17	477	13458
12/6/23 2:00		17	477	13458
12/6/23 2:30		17	477	13458
12/6/23 3:00		17	477	13458
12/6/23 3:30		17	477	13458
12/6/23 4:00		17	477	13458
12/6/23 4:30		17	477	13458
12/6/23 5:00		17	477	13458
12/6/23 5:30		17	477	13458
12/6/23 6:00		17	477	13458
12/6/23 6:30		17	477	13458
12/6/23 7:00		17	477	13458
12/6/23 7:30		17	477	13458
12/6/23 8:00		17	477	13458
12/6/23 8:30		17	477	13458
12/6/23 9:00		17	477	13458
12/6/23 9:30		17	478	13458
12/6/23 10:00		17	478	13458
12/6/23 10:30		17	478	13458
12/6/23 11:00		17	478	13458
12/6/23 11:30		17	478	13458
12/6/23 12:00		17	478	13458
12/6/23 12:30		17	478	13458
12/6/23 13:00		17	478	13458
12/6/23 13:30		17	478	13458
12/6/23 14:00		17	478	13458
12/6/23 14:30		17	478	13458
12/6/23 15:00		17	478	13458
12/6/23 15:30		17	478	13458
12/6/23 16:00		17	478	13458
12/6/23 16:30		17	478	13458
12/6/23 17:00		17	478	13458
12/6/23 17:30		17	478	13458
12/6/23 18:00		17	477	13458
12/6/23 18:30		17	477	13458
12/6/23 19:00		17	477	13458
12/6/23 19:30		17	477	13458
12/6/23 20:00		17	477	13458
12/6/23 20:30		17	477	13458
12/6/23 21:00		17	477	13458
12/6/23 21:30		17	477	13458
12/6/23 22:00		17	477	13458
12/6/23 22:30		17	477	13458
12/6/23 23:00		17	477	13458
12/6/23 23:30		17	477	13458
12/7/23 0:00		17	477	13458
12/7/23 0:30		17	477	13458
12/7/23 1:00		17	477	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/7/23 1:30		17	477	13458
12/7/23 2:00		17	477	13458
12/7/23 2:30		17	477	13458
12/7/23 3:00		17	478	13458
12/7/23 3:30		17	478	13458
12/7/23 4:00		17	477	13458
12/7/23 4:30		17	477	13458
12/7/23 5:00		17	477	13458
12/7/23 5:30		17	477	13458
12/7/23 6:00		17	477	13458
12/7/23 6:30		17	477	13458
12/7/23 7:00		17	477	13458
12/7/23 7:30		17	477	13458
12/7/23 8:00		17	477	13458
12/7/23 8:30		17	477	13458
12/7/23 9:00		17	477	13458
12/7/23 9:30		17	477	13458
12/7/23 10:00		17	478	13458
12/7/23 10:30		17	478	13458
12/7/23 11:00		17	478	13458
12/7/23 11:30		17	478	13458
12/7/23 12:00		17	478	13458
12/7/23 12:30		17	478	13458
12/7/23 13:00		17	478	13458
12/7/23 13:30		17	478	13458
12/7/23 14:00		17	478	13458
12/7/23 14:30		17	478	13458
12/7/23 15:00		17	478	13458
12/7/23 15:30		17	477	13458
12/7/23 16:00		17	477	13458
12/7/23 16:30		17	477	13458
12/7/23 17:00		17	477	13458
12/7/23 17:30		17	477	13458
12/7/23 18:00		17	477	13458
12/7/23 18:30		17	477	13458
12/7/23 19:00		17	477	13458
12/7/23 19:30		17	477	13458
12/7/23 20:00		17	477	13458
12/7/23 20:30		17	477	13458
12/7/23 21:00		17	477	13458
12/7/23 21:30		17	477	13458
12/7/23 22:00		17	477	13458
12/7/23 22:30		17	477	13458
12/7/23 23:00		17	477	13458
12/7/23 23:30		17	477	13458
12/8/23 0:00		17	477	13458
12/8/23 0:30		17	477	13458
12/8/23 1:00		17	477	13458
12/8/23 1:30		17	477	13458
12/8/23 2:00		17	477	13458
12/8/23 2:30		17	477	13458
12/8/23 3:00		17	477	13458
12/8/23 3:30		17	477	13458
12/8/23 4:00		17	477	13458
12/8/23 4:30		17	477	13458
12/8/23 5:00		17	477	13458
12/8/23 5:30		17	477	13458
12/8/23 6:00		17	477	13458
12/8/23 6:30		17	477	13458
12/8/23 7:00		17	477	13458
12/8/23 7:30		17	477	13458
12/8/23 8:00		17	477	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/8/23 8:30		17	477	13458
12/8/23 9:00		17	477	13458
12/8/23 9:30		17	477	13458
12/8/23 10:00		17	477	13458
12/8/23 10:30		17	477	13458
12/8/23 11:00		17	477	13458
12/8/23 11:30		17	478	13458
12/8/23 12:00		17	478	13458
12/8/23 12:30		17	478	13458
12/8/23 13:00		17	477	13458
12/8/23 13:30		17	477	13458
12/8/23 14:00		17	477	13458
12/8/23 14:30		17	477	13458
12/8/23 15:00		17	477	13458
12/8/23 15:30		17	477	13458
12/8/23 16:00		17	477	13458
12/8/23 16:30		17	477	13458
12/8/23 17:00		17	477	13458
12/8/23 17:30		17	477	13458
12/8/23 18:00		17	477	13458
12/8/23 18:30		17	477	13458
12/8/23 19:00		17	477	13458
12/8/23 19:30		17	477	13458
12/8/23 20:00		17	477	13458
12/8/23 20:30		17	477	13458
12/8/23 21:00		17	477	13458
12/8/23 21:30		17	477	13458
12/8/23 22:00		17	477	13458
12/8/23 22:30		17	477	13458
12/8/23 23:00		17	477	13458
12/8/23 23:30		17	477	13458
12/9/23 0:00		17	477	13458
12/9/23 0:30		17	477	13458
12/9/23 1:00		17	477	13458
12/9/23 1:30		17	477	13458
12/9/23 2:00		17	477	13458
12/9/23 2:30		17	477	13458
12/9/23 3:00		17	477	13458
12/9/23 3:30		17	476	13458
12/9/23 4:00		17	476	13458
12/9/23 4:30		17	476	13458
12/9/23 5:00		17	476	13458
12/9/23 5:30		17	477	13458
12/9/23 6:00		17	476	13458
12/9/23 6:30		17	476	13458
12/9/23 7:00		17	476	13458
12/9/23 7:30		17	476	13458
12/9/23 8:00		17	476	13458
12/9/23 8:30		17	478	13458
12/9/23 9:00		17	477	13458
12/9/23 9:30		17	477	13458
12/9/23 10:00		17	479	13458
12/9/23 10:30		17	479	13458
12/9/23 11:00		18	477	13458
12/9/23 11:30		17	477	13458
12/9/23 12:00		17	477	13458
12/9/23 12:30		17	477	13458
12/9/23 13:00		17	477	13458
12/9/23 13:30		17	477	13458
12/9/23 14:00		17	477	13458
12/9/23 14:30		17	477	13458
12/9/23 15:00		17	477	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/9/23 15:30		17	477	13458
12/9/23 16:00		17	477	13458
12/9/23 16:30		17	477	13458
12/9/23 17:00		17	476	13458
12/9/23 17:30		17	476	13458
12/9/23 18:00		17	476	13458
12/9/23 18:30		17	476	13458
12/9/23 19:00		17	476	13458
12/9/23 19:30		17	476	13458
12/9/23 20:00		17	476	13458
12/9/23 20:30		17	476	13458
12/9/23 21:00		17	476	13458
12/9/23 21:30		17	476	13458
12/9/23 22:00		17	476	13458
12/9/23 22:30		17	476	13458
12/9/23 23:00		17	476	13458
12/9/23 23:30		17	476	13458
12/10/23 0:00		17	476	13458
12/10/23 0:30		17	476	13458
12/10/23 1:00		17	476	13458
12/10/23 1:30		17	476	13458
12/10/23 2:00		17	476	13458
12/10/23 2:30		17	476	13458
12/10/23 3:00		17	476	13458
12/10/23 3:30		17	476	13458
12/10/23 4:00		17	476	13458
12/10/23 4:30		17	476	13458
12/10/23 5:00		17	476	13458
12/10/23 5:30		17	476	13458
12/10/23 6:00		17	476	13458
12/10/23 6:30		17	476	13458
12/10/23 7:00		17	476	13458
12/10/23 7:30		17	476	13458
12/10/23 8:00		17	475	13458
12/10/23 8:30		17	475	13458
12/10/23 9:00		17	475	13458
12/10/23 9:30		17	476	13458
12/10/23 10:00		17	479	13458
12/10/23 10:30		17	483	13458
12/10/23 11:00		17	482	13458
12/10/23 11:30		18	477	13458
12/10/23 12:00		17	477	13458
12/10/23 12:30		17	477	13458
12/10/23 13:00		17	477	13458
12/10/23 13:30		17	477	13458
12/10/23 14:00		17	477	13458
12/10/23 14:30		17	477	13458
12/10/23 15:00		17	477	13458
12/10/23 15:30		17	476	13458
12/10/23 16:00		17	476	13458
12/10/23 16:30		17	476	13458
12/10/23 17:00		17	476	13458
12/10/23 17:30		17	476	13458
12/10/23 18:00		17	476	13458
12/10/23 18:30		17	476	13458
12/10/23 19:00		17	476	13458
12/10/23 19:30		17	476	13458
12/10/23 20:00		17	476	13458
12/10/23 20:30		17	476	13458
12/10/23 21:00		17	476	13458
12/10/23 21:30		17	476	13458
12/10/23 22:00		17	476	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/10/23 22:30		17	476	13458
12/10/23 23:00		17	476	13458
12/10/23 23:30		17	476	13458
12/11/23 0:00		17	476	13458
12/11/23 0:30		17	476	13458
12/11/23 1:00		17	476	13458
12/11/23 1:30		17	476	13458
12/11/23 2:00		17	476	13458
12/11/23 2:30		17	476	13458
12/11/23 3:00		17	476	13458
12/11/23 3:30		17	476	13458
12/11/23 4:00		17	476	13458
12/11/23 4:30		17	476	13458
12/11/23 5:00		17	476	13458
12/11/23 5:30		17	476	13458
12/11/23 6:00		17	476	13458
12/11/23 6:30		17	476	13458
12/11/23 7:00		17	476	13458
12/11/23 7:30		17	476	13458
12/11/23 8:00		17	476	13458
12/11/23 8:30		17	476	13458
12/11/23 9:00		17	476	13458
12/11/23 9:30		17	476	13458
12/11/23 10:00		17	477	13458
12/11/23 10:30		17	479	13458
12/11/23 11:00		17	480	13458
12/11/23 11:30		17	477	13458
12/11/23 12:00		18	477	13458
12/11/23 12:30		17	477	13458
12/11/23 13:00		17	477	13458
12/11/23 13:30		17	477	13458
12/11/23 14:00		17	477	13458
12/11/23 14:30		17	476	13458
12/11/23 15:00		17	476	13458
12/11/23 15:30		17	476	13458
12/11/23 16:00		17	476	13458
12/11/23 16:30		17	476	13458
12/11/23 17:00		17	476	13458
12/11/23 17:30		17	476	13458
12/11/23 18:00		17	476	13458
12/11/23 18:30		17	476	13458
12/11/23 19:00		17	476	13458
12/11/23 19:30		17	476	13458
12/11/23 20:00		17	476	13458
12/11/23 20:30		17	476	13458
12/11/23 21:00		17	476	13458
12/11/23 21:30		17	476	13458
12/11/23 22:00		17	476	13458
12/11/23 22:30		17	476	13458
12/11/23 23:00		17	476	13458
12/11/23 23:30		17	476	13458
12/12/23 0:00		17	476	13458
12/12/23 0:30		17	476	13458
12/12/23 1:00		17	476	13458
12/12/23 1:30		17	476	13458
12/12/23 2:00		17	476	13458
12/12/23 2:30		17	476	13458
12/12/23 3:00		17	476	13458
12/12/23 3:30		17	476	13458
12/12/23 4:00		17	476	13458
12/12/23 4:30		17	476	13458
12/12/23 5:00		17	476	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/12/23 5:30		17	476	13458
12/12/23 6:00		17	476	13458
12/12/23 6:30		17	476	13458
12/12/23 7:00		17	476	13458
12/12/23 7:30		17	476	13458
12/12/23 8:00		17	476	13458
12/12/23 8:30		17	476	13458
12/12/23 9:00		17	476	13458
12/12/23 9:30		17	476	13458
12/12/23 10:00		17	476	13458
12/12/23 10:30		17	476	13458
12/12/23 11:00		17	476	13458
12/12/23 11:30		17	476	13458
12/12/23 12:00		17	476	13458
12/12/23 12:30		17	476	13458
12/12/23 13:00		17	476	13458
12/12/23 13:30		17	476	13458
12/12/23 14:00		17	476	13458
12/12/23 14:30		17	476	13458
12/12/23 15:00		17	476	13458
12/12/23 15:30		17	476	13458
12/12/23 16:00		17	476	13458
12/12/23 16:30		17	476	13458
12/12/23 17:00		17	476	13458
12/12/23 17:30		17	476	13458
12/12/23 18:00		17	476	13458
12/12/23 18:30		17	476	13458
12/12/23 19:00		17	476	13458
12/12/23 19:30		17	476	13458
12/12/23 20:00		17	476	13458
12/12/23 20:30		17	476	13458
12/12/23 21:00		17	476	13458
12/12/23 21:30		17	476	13458
12/12/23 22:00		17	476	13458
12/12/23 22:30		17	476	13458
12/12/23 23:00		17	476	13458
12/12/23 23:30		17	476	13458
12/13/23 0:00		17	476	13458
12/13/23 0:30		17	476	13458
12/13/23 1:00		17	476	13458
12/13/23 1:30		17	476	13458
12/13/23 2:00		17	476	13458
12/13/23 2:30		17	476	13458
12/13/23 3:00		17	476	13458
12/13/23 3:30		17	476	13458
12/13/23 4:00		17	476	13458
12/13/23 4:30		17	476	13458
12/13/23 5:00		17	476	13458
12/13/23 5:30		17	476	13458
12/13/23 6:00		17	476	13458
12/13/23 6:30		17	476	13458
12/13/23 7:00		17	476	13458
12/13/23 7:30		17	476	13458
12/13/23 8:00		17	476	13458
12/13/23 8:30		17	476	13458
12/13/23 9:00		17	476	13458
12/13/23 9:30		17	476	13458
12/13/23 10:00		17	476	13458
12/13/23 10:30		17	476	13458
12/13/23 11:00		17	476	13458
12/13/23 11:30		17	476	13458
12/13/23 12:00		17	476	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/13/23 12:30		17	476	13458
12/13/23 13:00		18	476	13458
12/13/23 13:30		18	476	13458
12/13/23 14:00		18	476	13458
12/13/23 14:30		18	476	13458
12/13/23 15:00		18	476	13458
12/13/23 15:30		18	476	13458
12/13/23 16:00		18	476	13458
12/13/23 16:30		18	476	13458
12/13/23 17:00		18	476	13458
12/13/23 17:30		18	476	13458
12/13/23 18:00		18	476	13458
12/13/23 18:30		18	475	13458
12/13/23 19:00		18	475	13458
12/13/23 19:30		18	476	13458
12/13/23 20:00		18	476	13458
12/13/23 20:30		18	476	13458
12/13/23 21:00		18	476	13458
12/13/23 21:30		18	476	13458
12/13/23 22:00		18	476	13458
12/13/23 22:30		18	476	13458
12/13/23 23:00		18	476	13458
12/13/23 23:30		18	476	13458
12/14/23 0:00		18	476	13458
12/14/23 0:30		18	475	13458
12/14/23 1:00		18	476	13458
12/14/23 1:30		18	475	13458
12/14/23 2:00		18	476	13458
12/14/23 2:30		18	476	13458
12/14/23 3:00		18	476	13458
12/14/23 3:30		18	475	13458
12/14/23 4:00		18	475	13458
12/14/23 4:30		18	475	13458
12/14/23 5:00		18	475	13458
12/14/23 5:30		18	475	13458
12/14/23 6:00		18	475	13458
12/14/23 6:30		18	475	13458
12/14/23 7:00		18	476	13458
12/14/23 7:30		18	476	13458
12/14/23 8:00		18	475	13458
12/14/23 8:30		18	475	13458
12/14/23 9:00		18	476	13458
12/14/23 9:30		18	476	13458
12/14/23 10:00		18	476	13458
12/14/23 10:30		18	476	13458
12/14/23 11:00		18	476	13458
12/14/23 11:30		18	476	13458
12/14/23 12:00		18	476	13458
12/14/23 12:30		18	476	13458
12/14/23 13:00		18	476	13458
12/14/23 13:30		18	476	13458
12/14/23 14:00		18	476	13458
12/14/23 14:30		18	476	13458
12/14/23 15:00		18	476	13458
12/14/23 15:30		18	476	13458
12/14/23 16:00		18	475	13458
12/14/23 16:30		18	475	13458
12/14/23 17:00		18	475	13458
12/14/23 17:30		18	476	13458
12/14/23 18:00		18	476	13458
12/14/23 18:30		18	475	13458
12/14/23 19:00		18	475	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/14/23 19:30		18	475	13458
12/14/23 20:00		18	475	13458
12/14/23 20:30		18	475	13458
12/14/23 21:00		18	475	13458
12/14/23 21:30		18	475	13458
12/14/23 22:00		18	475	13458
12/14/23 22:30		18	475	13458
12/14/23 23:00		18	475	13458
12/14/23 23:30		18	475	13458
12/15/23 0:00		18	475	13458
12/15/23 0:30		18	475	13458
12/15/23 1:00		18	475	13458
12/15/23 1:30		18	475	13458
12/15/23 2:00		18	475	13458
12/15/23 2:30		17	475	13458
12/15/23 3:00		17	475	13458
12/15/23 3:30		17	475	13458
12/15/23 4:00		17	475	13458
12/15/23 4:30		17	475	13458
12/15/23 5:00		17	475	13458
12/15/23 5:30		17	475	13458
12/15/23 6:00		17	475	13458
12/15/23 6:30		17	475	13458
12/15/23 7:00		17	475	13458
12/15/23 7:30		17	475	13458
12/15/23 8:00		17	475	13458
12/15/23 8:30		17	475	13458
12/15/23 9:00		18	475	13458
12/15/23 9:30		17	475	13458
12/15/23 10:00		18	475	13458
12/15/23 10:30		18	475	13458
12/15/23 11:00		18	475	13458
12/15/23 11:30		18	475	13458
12/15/23 12:00		18	476	13458
12/15/23 12:30		18	475	13458
12/15/23 13:00		18	475	13458
12/15/23 13:30		18	475	13458
12/15/23 14:00		18	475	13458
12/15/23 14:30		18	475	13458
12/15/23 15:00		18	475	13458
12/15/23 15:30		18	475	13458
12/15/23 16:00		18	475	13458
12/15/23 16:30		18	475	13458
12/15/23 17:00		18	475	13458
12/15/23 17:30		18	475	13458
12/15/23 18:00		18	475	13458
12/15/23 18:30		18	475	13458
12/15/23 19:00		18	475	13458
12/15/23 19:30		18	475	13458
12/15/23 20:00		18	475	13458
12/15/23 20:30		18	475	13458
12/15/23 21:00		18	475	13458
12/15/23 21:30		18	475	13458
12/15/23 22:00		18	475	13458
12/15/23 22:30		18	475	13458
12/15/23 23:00		18	475	13458
12/15/23 23:30		18	475	13458
12/16/23 0:00		18	475	13458
12/16/23 0:30		18	475	13458
12/16/23 1:00		18	475	13458
12/16/23 1:30		18	475	13458
12/16/23 2:00		18	475	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/16/23 2:30		18	475	13458
12/16/23 3:00		18	475	13458
12/16/23 3:30		18	475	13458
12/16/23 4:00		18	475	13458
12/16/23 4:30		17	475	13458
12/16/23 5:00		18	475	13458
12/16/23 5:30		17	475	13458
12/16/23 6:00		17	475	13458
12/16/23 6:30		17	475	13458
12/16/23 7:00		17	475	13458
12/16/23 7:30		17	475	13458
12/16/23 8:00		17	475	13458
12/16/23 8:30		17	475	13458
12/16/23 9:00		17	475	13458
12/16/23 9:30		17	475	13458
12/16/23 10:00		17	475	13458
12/16/23 10:30		17	475	13458
12/16/23 11:00		17	475	13458
12/16/23 11:30		17	475	13458
12/16/23 12:00		18	475	13458
12/16/23 12:30		18	475	13458
12/16/23 13:00		18	475	13458
12/16/23 13:30		18	476	13458
12/16/23 14:00		18	475	13458
12/16/23 14:30		18	475	13458
12/16/23 15:00		18	475	13458
12/16/23 15:30		18	475	13458
12/16/23 16:00		18	475	13458
12/16/23 16:30		18	475	13458
12/16/23 17:00		18	475	13458
12/16/23 17:30		18	475	13458
12/16/23 18:00		18	475	13458
12/16/23 18:30		18	475	13458
12/16/23 19:00		18	474	13458
12/16/23 19:30		18	475	13458
12/16/23 20:00		18	475	13458
12/16/23 20:30		18	475	13458
12/16/23 21:00		18	475	13458
12/16/23 21:30		18	475	13458
12/16/23 22:00		18	475	13458
12/16/23 22:30		18	475	13458
12/16/23 23:00		18	475	13458
12/16/23 23:30		18	475	13458
12/17/23 0:00		18	475	13458
12/17/23 0:30		18	475	13458
12/17/23 1:00		18	475	13458
12/17/23 1:30		18	475	13458
12/17/23 2:00		18	475	13458
12/17/23 2:30		18	475	13458
12/17/23 3:00		18	475	13458
12/17/23 3:30		18	475	13458
12/17/23 4:00		18	475	13458
12/17/23 4:30		18	474	13458
12/17/23 5:00		18	474	13458
12/17/23 5:30		18	474	13458
12/17/23 6:00		18	474	13458
12/17/23 6:30		18	474	13458
12/17/23 7:00		18	475	13458
12/17/23 7:30		17	474	13458
12/17/23 8:00		18	474	13458
12/17/23 8:30		18	474	13458
12/17/23 9:00		18	475	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/17/23 9:30		18	474	13458
12/17/23 10:00		18	475	13458
12/17/23 10:30		18	475	13458
12/17/23 11:00		18	475	13458
12/17/23 11:30		18	475	13458
12/17/23 12:00		18	475	13458
12/17/23 12:30		18	475	13458
12/17/23 13:00		18	475	13458
12/17/23 13:30		18	475	13458
12/17/23 14:00		18	475	13458
12/17/23 14:30		18	475	13458
12/17/23 15:00		18	475	13458
12/17/23 15:30		18	475	13458
12/17/23 16:00		18	475	13458
12/17/23 16:30		18	475	13458
12/17/23 17:00		18	475	13458
12/17/23 17:30		18	474	13458
12/17/23 18:00		18	474	13458
12/17/23 18:30		18	474	13458
12/17/23 19:00		18	474	13458
12/17/23 19:30		18	474	13458
12/17/23 20:00		18	474	13458
12/17/23 20:30		18	475	13458
12/17/23 21:00		18	475	13458
12/17/23 21:30		18	475	13458
12/17/23 22:00		18	475	13458
12/17/23 22:30		18	475	13458
12/17/23 23:00		18	475	13458
12/17/23 23:30		18	475	13458
12/18/23 0:00		18	475	13458
12/18/23 0:30		18	475	13458
12/18/23 1:00		18	474	13458
12/18/23 1:30		18	475	13458
12/18/23 2:00		18	474	13458
12/18/23 2:30		18	474	13458
12/18/23 3:00		18	474	13458
12/18/23 3:30		18	474	13458
12/18/23 4:00		18	474	13458
12/18/23 4:30		18	474	13458
12/18/23 5:00		18	474	13458
12/18/23 5:30		18	474	13458
12/18/23 6:00		18	474	13458
12/18/23 6:30		18	474	13458
12/18/23 7:00		18	474	13458
12/18/23 7:30		17	474	13458
12/18/23 8:00		18	475	13458
12/18/23 8:30		18	475	13458
12/18/23 9:00		18	475	13458
12/18/23 9:30		18	475	13458
12/18/23 10:00		18	475	13458
12/18/23 10:30		18	475	13458
12/18/23 11:00		18	475	13458
12/18/23 11:30		18	475	13458
12/18/23 12:00		18	475	13458
12/18/23 12:30		18	475	13458
12/18/23 13:00		18	475	13458
12/18/23 13:30		18	475	13458
12/18/23 14:00		18	475	13458
12/18/23 14:30		18	475	13458
12/18/23 15:00		18	475	13458
12/18/23 15:30		18	474	13458
12/18/23 16:00		18	475	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/18/23 16:30		18	475	13458
12/18/23 17:00		18	474	13458
12/18/23 17:30		18	474	13458
12/18/23 18:00		18	474	13458
12/18/23 18:30		18	474	13458
12/18/23 19:00		18	474	13458
12/18/23 19:30		18	474	13458
12/18/23 20:00		18	474	13458
12/18/23 20:30		18	474	13458
12/18/23 21:00		18	474	13458
12/18/23 21:30		18	474	13458
12/18/23 22:00		18	474	13458
12/18/23 22:30		18	474	13458
12/18/23 23:00		18	474	13458
12/18/23 23:30		18	474	13458
12/19/23 0:00		18	474	13458
12/19/23 0:30		18	474	13458
12/19/23 1:00		18	474	13458
12/19/23 1:30		18	474	13458
12/19/23 2:00		18	474	13458
12/19/23 2:30		18	474	13458
12/19/23 3:00		18	474	13458
12/19/23 3:30		18	474	13458
12/19/23 4:00		18	474	13458
12/19/23 4:30		18	474	13458
12/19/23 5:00		18	474	13458
12/19/23 5:30		18	474	13458
12/19/23 6:00		18	474	13458
12/19/23 6:30		18	474	13458
12/19/23 7:00		18	474	13458
12/19/23 7:30		18	474	13458
12/19/23 8:00		18	474	13458
12/19/23 8:30		18	474	13458
12/19/23 9:00		18	474	13458
12/19/23 9:30		18	474	13458
12/19/23 10:00		18	475	13458
12/19/23 10:30		18	475	13458
12/19/23 11:00		18	475	13458
12/19/23 11:30		18	475	13458
12/19/23 12:00		18	475	13458
12/19/23 12:30		18	475	13458
12/19/23 13:00		18	475	13458
12/19/23 13:30		18	475	13458
12/19/23 14:00		18	474	13458
12/19/23 14:30		18	474	13458
12/19/23 15:00		18	474	13458
12/19/23 15:30		18	474	13458
12/19/23 16:00		18	474	13458
12/19/23 16:30		18	474	13458
12/19/23 17:00		18	474	13458
12/19/23 17:30		18	474	13458
12/19/23 18:00		18	474	13458
12/19/23 18:30		18	474	13458
12/19/23 19:00		18	474	13458
12/19/23 19:30		18	474	13458
12/19/23 20:00		18	474	13458
12/19/23 20:30		18	474	13458
12/19/23 21:00		18	474	13458
12/19/23 21:30		18	474	13458
12/19/23 22:00		18	474	13458
12/19/23 22:30		18	474	13458
12/19/23 23:00		18	474	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/19/23 23:30		18	474	13458
12/20/23 0:00		18	474	13458
12/20/23 0:30		18	474	13458
12/20/23 1:00		18	474	13458
12/20/23 1:30		18	474	13458
12/20/23 2:00		18	474	13458
12/20/23 2:30		18	474	13458
12/20/23 3:00		18	474	13458
12/20/23 3:30		18	474	13458
12/20/23 4:00		18	474	13458
12/20/23 4:30		18	474	13458
12/20/23 5:00		18	474	13458
12/20/23 5:30		18	474	13458
12/20/23 6:00		18	474	13458
12/20/23 6:30		18	474	13458
12/20/23 7:00		18	474	13458
12/20/23 7:30		18	474	13458
12/20/23 8:00		18	474	13458
12/20/23 8:30		18	474	13458
12/20/23 9:00		18	474	13458
12/20/23 9:30		18	474	13458
12/20/23 10:00		18	474	13458
12/20/23 10:30		18	474	13458
12/20/23 11:00		18	474	13458
12/20/23 11:30		18	474	13458
12/20/23 12:00		18	474	13458
12/20/23 12:30		18	474	13458
12/20/23 13:00		18	474	13458
12/20/23 13:30		18	474	13458
12/20/23 14:00		18	474	13458
12/20/23 14:30		18	474	13458
12/20/23 15:00		18	474	13458
12/20/23 15:30		18	474	13458
12/20/23 16:00		18	474	13458
12/20/23 16:30		18	474	13458
12/20/23 17:00		18	474	13458
12/20/23 17:30		18	474	13458
12/20/23 18:00		18	474	13458
12/20/23 18:30		18	474	13458
12/20/23 19:00		18	474	13458
12/20/23 19:30		18	474	13458
12/20/23 20:00		18	474	13458
12/20/23 20:30		18	474	13458
12/20/23 21:00		18	474	13458
12/20/23 21:30		18	474	13458
12/20/23 22:00		18	474	13458
12/20/23 22:30		18	474	13458
12/20/23 23:00		18	474	13458
12/20/23 23:30		18	474	13458
12/21/23 0:00		18	474	13458
12/21/23 0:30		18	474	13458
12/21/23 1:00		18	474	13458
12/21/23 1:30		18	474	13458
12/21/23 2:00		18	474	13458
12/21/23 2:30		18	474	13458
12/21/23 3:00		18	474	13458
12/21/23 3:30		18	474	13458
12/21/23 4:00		18	474	13458
12/21/23 4:30		18	474	13458
12/21/23 5:00		18	474	13458
12/21/23 5:30		18	474	13458
12/21/23 6:00		18	474	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/21/23 6:30		18	474	13458
12/21/23 7:00		18	474	13458
12/21/23 7:30		18	474	13458
12/21/23 8:00		18	474	13458
12/21/23 8:30		18	474	13458
12/21/23 9:00		18	474	13458
12/21/23 9:30		18	474	13458
12/21/23 10:00		18	474	13458
12/21/23 10:30		18	474	13458
12/21/23 11:00		18	474	13458
12/21/23 11:30		18	474	13458
12/21/23 12:00		18	474	13458
12/21/23 12:30		18	474	13458
12/21/23 13:00		18	474	13458
12/21/23 13:30		18	474	13458
12/21/23 14:00		18	474	13458
12/21/23 14:30		18	474	13458
12/21/23 15:00		18	474	13458
12/21/23 15:30		18	474	13458
12/21/23 16:00		18	474	13458
12/21/23 16:30		18	474	13458
12/21/23 17:00		18	474	13458
12/21/23 17:30		18	474	13458
12/21/23 18:00		18	474	13458
12/21/23 18:30		18	473	13458
12/21/23 19:00		18	473	13458
12/21/23 19:30		18	473	13458
12/21/23 20:00		18	473	13458
12/21/23 20:30		18	474	13458
12/21/23 21:00		18	474	13458
12/21/23 21:30		18	474	13458
12/21/23 22:00		18	474	13458
12/21/23 22:30		18	474	13458
12/21/23 23:00		18	474	13458
12/21/23 23:30		18	474	13458
12/22/23 0:00		18	474	13458
12/22/23 0:30		18	474	13458
12/22/23 1:00		18	474	13458
12/22/23 1:30		18	474	13458
12/22/23 2:00		18	473	13458
12/22/23 2:30		18	474	13458
12/22/23 3:00		18	474	13458
12/22/23 3:30		18	473	13458
12/22/23 4:00		18	473	13458
12/22/23 4:30		18	473	13458
12/22/23 5:00		18	473	13458
12/22/23 5:30		18	474	13458
12/22/23 6:00		18	474	13458
12/22/23 6:30		18	474	13458
12/22/23 7:00		18	474	13458
12/22/23 7:30		18	474	13458
12/22/23 8:00		18	473	13458
12/22/23 8:30		18	473	13458
12/22/23 9:00		18	473	13458
12/22/23 9:30		18	474	13458
12/22/23 10:00		18	474	13458
12/22/23 10:30		18	474	13458
12/22/23 11:00		18	474	13458
12/22/23 11:30		18	474	13458
12/22/23 12:00		18	474	13458
12/22/23 12:30		18	474	13458
12/22/23 13:00		18	474	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/22/23 13:30		18	474	13458
12/22/23 14:00		18	474	13458
12/22/23 14:30		18	474	13458
12/22/23 15:00		18	474	13458
12/22/23 15:30		18	474	13458
12/22/23 16:00		18	474	13458
12/22/23 16:30		18	473	13458
12/22/23 17:00		18	473	13458
12/22/23 17:30		18	473	13458
12/22/23 18:00		18	474	13458
12/22/23 18:30		18	473	13458
12/22/23 19:00		18	473	13458
12/22/23 19:30		18	473	13458
12/22/23 20:00		18	474	13458
12/22/23 20:30		18	473	13458
12/22/23 21:00		18	474	13458
12/22/23 21:30		18	474	13458
12/22/23 22:00		18	474	13458
12/22/23 22:30		18	473	13458
12/22/23 23:00		18	474	13458
12/22/23 23:30		18	474	13458
12/23/23 0:00		18	473	13458
12/23/23 0:30		18	473	13458
12/23/23 1:00		18	474	13458
12/23/23 1:30		18	473	13458
12/23/23 2:00		18	473	13458
12/23/23 2:30		18	474	13458
12/23/23 3:00		18	474	13458
12/23/23 3:30		18	474	13458
12/23/23 4:00		18	473	13458
12/23/23 4:30		18	473	13458
12/23/23 5:00		18	473	13458
12/23/23 5:30		18	474	13458
12/23/23 6:00		18	474	13458
12/23/23 6:30		18	473	13458
12/23/23 7:00		18	474	13458
12/23/23 7:30		18	473	13458
12/23/23 8:00		18	474	13458
12/23/23 8:30		18	473	13458
12/23/23 9:00		18	473	13458
12/23/23 9:30		18	473	13458
12/23/23 10:00		18	474	13458
12/23/23 10:30		18	474	13458
12/23/23 11:00		18	474	13458
12/23/23 11:30		18	474	13458
12/23/23 12:00		18	474	13458
12/23/23 12:30		18	474	13458
12/23/23 13:00		18	474	13458
12/23/23 13:30		18	474	13458
12/23/23 14:00		18	474	13458
12/23/23 14:30		18	473	13458
12/23/23 15:00		18	473	13458
12/23/23 15:30		18	473	13458
12/23/23 16:00		18	474	13458
12/23/23 16:30		18	473	13458
12/23/23 17:00		18	473	13458
12/23/23 17:30		18	473	13458
12/23/23 18:00		18	473	13458
12/23/23 18:30		18	473	13458
12/23/23 19:00		18	473	13458
12/23/23 19:30		18	473	13458
12/23/23 20:00		18	473	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/23/23 20:30		18	473	13458
12/23/23 21:00		18	473	13458
12/23/23 21:30		18	473	13458
12/23/23 22:00		18	473	13458
12/23/23 22:30		18	473	13458
12/23/23 23:00		18	473	13458
12/23/23 23:30		18	473	13458
12/24/23 0:00		18	473	13458
12/24/23 0:30		18	473	13458
12/24/23 1:00		18	473	13458
12/24/23 1:30		18	473	13458
12/24/23 2:00		18	473	13458
12/24/23 2:30		18	473	13458
12/24/23 3:00		18	473	13458
12/24/23 3:30		18	473	13458
12/24/23 4:00		18	473	13458
12/24/23 4:30		18	473	13458
12/24/23 5:00		18	473	13458
12/24/23 5:30		18	473	13458
12/24/23 6:00		18	473	13458
12/24/23 6:30		18	473	13458
12/24/23 7:00		18	473	13458
12/24/23 7:30		18	473	13458
12/24/23 8:00		18	473	13458
12/24/23 8:30		18	473	13458
12/24/23 9:00		18	473	13458
12/24/23 9:30		18	473	13458
12/24/23 10:00		18	474	13458
12/24/23 10:30		18	474	13458
12/24/23 11:00		18	474	13458
12/24/23 11:30		18	474	13458
12/24/23 12:00		18	474	13458
12/24/23 12:30		18	474	13458
12/24/23 13:00		18	473	13458
12/24/23 13:30		18	473	13458
12/24/23 14:00		18	473	13458
12/24/23 14:30		18	473	13458
12/24/23 15:00		18	473	13458
12/24/23 15:30		18	473	13458
12/24/23 16:00		18	473	13458
12/24/23 16:30		18	473	13458
12/24/23 17:00		18	473	13458
12/24/23 17:30		18	473	13458
12/24/23 18:00		18	473	13458
12/24/23 18:30		18	473	13458
12/24/23 19:00		18	473	13458
12/24/23 19:30		18	473	13458
12/24/23 20:00		18	473	13458
12/24/23 20:30		18	473	13458
12/24/23 21:00		18	473	13458
12/24/23 21:30		18	473	13458
12/24/23 22:00		18	473	13458
12/24/23 22:30		18	473	13458
12/24/23 23:00		18	473	13458
12/24/23 23:30		18	473	13458
12/25/23 0:00		18	473	13458
12/25/23 0:30		18	473	13458
12/25/23 1:00		18	473	13458
12/25/23 1:30		18	473	13458
12/25/23 2:00		18	473	13458
12/25/23 2:30		18	473	13458
12/25/23 3:00		18	473	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/25/23 3:30		18	473	13458
12/25/23 4:00		18	473	13458
12/25/23 4:30		18	473	13458
12/25/23 5:00		18	472	13458
12/25/23 5:30		18	472	13458
12/25/23 6:00		18	472	13458
12/25/23 6:30		18	473	13458
12/25/23 7:00		18	473	13458
12/25/23 7:30		18	472	13458
12/25/23 8:00		18	472	13458
12/25/23 8:30		18	472	13458
12/25/23 9:00		18	472	13458
12/25/23 9:30		18	471	13458
12/25/23 10:00		18	473	13458
12/25/23 10:30		18	478	13458
12/25/23 11:00		18	483	13458
12/25/23 11:30		19	474	13458
12/25/23 12:00		16	474	13458
12/25/23 12:30		16	474	13458
12/25/23 13:00		16	473	13458
12/25/23 13:30		16	473	13458
12/25/23 14:00		16	473	13458
12/25/23 14:30		16	473	13458
12/25/23 15:00		16	473	13458
12/25/23 15:30		16	473	13458
12/25/23 16:00		16	473	13458
12/25/23 16:30		16	473	13458
12/25/23 17:00		16	473	13458
12/25/23 17:30		16	473	13458
12/25/23 18:00		16	473	13458
12/25/23 18:30		16	473	13458
12/25/23 19:00		16	473	13458
12/25/23 19:30		16	473	13458
12/25/23 20:00		16	473	13458
12/25/23 20:30		16	473	13458
12/25/23 21:00		16	473	13458
12/25/23 21:30		16	473	13458
12/25/23 22:00		16	473	13458
12/25/23 22:30		16	473	13458
12/25/23 23:00		16	473	13458
12/25/23 23:30		16	473	13458
12/26/23 0:00		16	473	13458
12/26/23 0:30		16	473	13458
12/26/23 1:00		16	473	13458
12/26/23 1:30		16	473	13458
12/26/23 2:00		16	473	13458
12/26/23 2:30		16	473	13458
12/26/23 3:00		16	473	13458
12/26/23 3:30		16	473	13458
12/26/23 4:00		16	473	13458
12/26/23 4:30		16	472	13458
12/26/23 5:00		16	472	13458
12/26/23 5:30		16	472	13458
12/26/23 6:00		16	472	13458
12/26/23 6:30		16	472	13458
12/26/23 7:00		16	472	13458
12/26/23 7:30		16	474	13458
12/26/23 8:00		16	473	13458
12/26/23 8:30		16	473	13458
12/26/23 9:00		16	473	13458
12/26/23 9:30		16	473	13458
12/26/23 10:00		16	474	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/26/23 10:30		16	476	13458
12/26/23 11:00		16	476	13458
12/26/23 11:30		16	473	13458
12/26/23 12:00		14	473	13458
12/26/23 12:30		14	473	13458
12/26/23 13:00		14	473	13458
12/26/23 13:30		14	473	13458
12/26/23 14:00		14	473	13458
12/26/23 14:30		14	473	13458
12/26/23 15:00		14	473	13458
12/26/23 15:30		14	473	13458
12/26/23 16:00		14	473	13458
12/26/23 16:30		14	473	13458
12/26/23 17:00		14	472	13458
12/26/23 17:30		14	472	13458
12/26/23 18:00		14	472	13458
12/26/23 18:30		14	472	13458
12/26/23 19:00		14	472	13458
12/26/23 19:30		14	472	13458
12/26/23 20:00		14	472	13458
12/26/23 20:30		14	472	13458
12/26/23 21:00		14	472	13458
12/26/23 21:30		14	473	13458
12/26/23 22:00		14	472	13458
12/26/23 22:30		14	472	13458
12/26/23 23:00		14	472	13458
12/26/23 23:30		14	472	13458
12/27/23 0:00		14	472	13458
12/27/23 0:30		14	472	13458
12/27/23 1:00		14	472	13458
12/27/23 1:30		14	472	13458
12/27/23 2:00		14	473	13458
12/27/23 2:30		14	472	13458
12/27/23 3:00		14	472	13458
12/27/23 3:30		14	472	13458
12/27/23 4:00		14	472	13458
12/27/23 4:30		14	472	13458
12/27/23 5:00		14	472	13458
12/27/23 5:30		14	472	13458
12/27/23 6:00		14	473	13458
12/27/23 6:30		14	472	13458
12/27/23 7:00		14	472	13458
12/27/23 7:30		14	472	13458
12/27/23 8:00		14	472	13458
12/27/23 8:30		14	472	13458
12/27/23 9:00		14	472	13458
12/27/23 9:30		14	472	13458
12/27/23 10:00		14	473	13458
12/27/23 10:30		14	478	13458
12/27/23 11:00		15	478	13458
12/27/23 11:30		11	473	13458
12/27/23 12:00		14	473	13458
12/27/23 12:30		14	473	13458
12/27/23 13:00		14	473	13458
12/27/23 13:30		14	473	13458
12/27/23 14:00		14	473	13458
12/27/23 14:30		14	473	13458
12/27/23 15:00		14	472	13458
12/27/23 15:30		14	472	13458
12/27/23 16:00		13	472	13458
12/27/23 16:30		13	472	13458
12/27/23 17:00		13	472	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/27/23 17:30		13	472	13458
12/27/23 18:00		13	472	13458
12/27/23 18:30		13	472	13458
12/27/23 19:00		13	472	13458
12/27/23 19:30		13	472	13458
12/27/23 20:00		13	472	13458
12/27/23 20:30		12	472	13458
12/27/23 21:00		13	472	13458
12/27/23 21:30		12	472	13458
12/27/23 22:00		12	472	13458
12/27/23 22:30		12	472	13458
12/27/23 23:00		12	472	13458
12/27/23 23:30		12	472	13458
12/28/23 0:00		12	472	13458
12/28/23 0:30		12	472	13458
12/28/23 1:00		12	472	13458
12/28/23 1:30		12	472	13458
12/28/23 2:00		13	472	13458
12/28/23 2:30		13	472	13458
12/28/23 3:00		13	472	13458
12/28/23 3:30		13	472	13458
12/28/23 4:00		13	472	13458
12/28/23 4:30		13	472	13458
12/28/23 5:00		13	472	13458
12/28/23 5:30		13	472	13458
12/28/23 6:00		13	472	13458
12/28/23 6:30		13	471	13458
12/28/23 7:00		13	471	13458
12/28/23 7:30		12	471	13458
12/28/23 8:00		12	471	13458
12/28/23 8:30		12	471	13458
12/28/23 9:00		12	471	13458
12/28/23 9:30		12	471	13458
12/28/23 10:00		12	473	13458
12/28/23 10:30		13	475	13458
12/28/23 11:00		13	477	13458
12/28/23 11:30		13	476	13458
12/28/23 12:00		13	473	13458
12/28/23 12:30		12	473	13458
12/28/23 13:00		12	473	13458
12/28/23 13:30		12	473	13458
12/28/23 14:00		12	472	13458
12/28/23 14:30		12	472	13458
12/28/23 15:00		12	472	13458
12/28/23 15:30		12	472	13458
12/28/23 16:00		12	472	13458
12/28/23 16:30		11	472	13458
12/28/23 17:00		11	472	13458
12/28/23 17:30		7	472	13458
12/28/23 18:00		3	472	13458
12/28/23 18:30		3	472	13458
12/28/23 19:00		3	472	13458
12/28/23 19:30		3	472	13458
12/28/23 20:00		3	472	13458
12/28/23 20:30		3	472	13458
12/28/23 21:00		3	472	13458
12/28/23 21:30		3	472	13458
12/28/23 22:00		3	472	13458
12/28/23 22:30		3	472	13458
12/28/23 23:00		3	472	13458
12/28/23 23:30		3	472	13458
12/29/23 0:00		3	472	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/29/23 0:30		3	472	13458
12/29/23 1:00		3	472	13458
12/29/23 1:30		3	471	13458
12/29/23 2:00		3	471	13458
12/29/23 2:30		3	471	13458
12/29/23 3:00		3	471	13458
12/29/23 3:30		3	471	13458
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12/29/23 4:30		3	471	13458
12/29/23 5:00		3	471	13458
12/29/23 5:30		3	471	13458
12/29/23 6:00		3	471	13458
12/29/23 6:30		3	471	13458
12/29/23 7:00		3	471	13458
12/29/23 7:30		3	471	13458
12/29/23 8:00		3	471	13458
12/29/23 8:30		3	471	13458
12/29/23 9:00		3	471	13458
12/29/23 9:30		3	471	13458
12/29/23 10:00		3	472	13458
12/29/23 10:30		3	476	13458
12/29/23 11:00		3	479	13458
12/29/23 11:30		3	481	13458
12/29/23 12:00		3	473	13458
12/29/23 12:30		3	472	13458
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12/29/23 17:30		3	472	13458
12/29/23 18:00		3	472	13458
12/29/23 18:30		3	472	13458
12/29/23 19:00		3	471	13458
12/29/23 19:30		3	471	13458
12/29/23 20:00		3	471	13458
12/29/23 20:30		3	472	13458
12/29/23 21:00		3	472	13458
12/29/23 21:30		3	472	13458
12/29/23 22:00		3	472	13458
12/29/23 22:30		3	472	13458
12/29/23 23:00		3	472	13458
12/29/23 23:30		3	472	13458
12/30/23 0:00		3	472	13458
12/30/23 0:30		3	472	13458
12/30/23 1:00		3	472	13458
12/30/23 1:30		3	472	13458
12/30/23 2:00		3	472	13458
12/30/23 2:30		3	472	13458
12/30/23 3:00		3	472	13458
12/30/23 3:30		3	472	13458
12/30/23 4:00		3	472	13458
12/30/23 4:30		3	472	13458
12/30/23 5:00		3	473	13458
12/30/23 5:30		3	473	13458
12/30/23 6:00		3	472	13458
12/30/23 6:30		3	472	13458
12/30/23 7:00		3	472	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/30/23 7:30		3	472	13458
12/30/23 8:00		3	472	13458
12/30/23 8:30		3	472	13458
12/30/23 9:00		3	471	13458
12/30/23 9:30		3	471	13458
12/30/23 10:00		3	474	13458
12/30/23 10:30		3	478	13458
12/30/23 11:00		3	478	13458
12/30/23 11:30		3	472	13458
12/30/23 12:00		3	472	13458
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12/30/23 14:00		3	472	13458
12/30/23 14:30		3	472	13458
12/30/23 15:00		3	472	13458
12/30/23 15:30		3	472	13458
12/30/23 16:00		3	472	13458
12/30/23 16:30		3	472	13458
12/30/23 17:00		3	472	13458
12/30/23 17:30		3	471	13458
12/30/23 18:00		3	471	13458
12/30/23 18:30		2	471	13458
12/30/23 19:00		2	471	13458
12/30/23 19:30		2	472	13458
12/30/23 20:00		2	472	13458
12/30/23 20:30		2	472	13458
12/30/23 21:00		2	472	13458
12/30/23 21:30		2	472	13458
12/30/23 22:00		2	472	13458
12/30/23 22:30		2	472	13458
12/30/23 23:00		2	472	13458
12/30/23 23:30		2	472	13458
12/31/23 0:00		2	472	13458
12/31/23 0:30		2	472	13458
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12/31/23 1:30		2	471	13458
12/31/23 2:00		2	471	13458
12/31/23 2:30		2	471	13458
12/31/23 3:00		2	471	13458
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12/31/23 11:30		2	472	13458
12/31/23 12:00		2	472	13458
12/31/23 12:30		2	472	13458
12/31/23 13:00		2	472	13458
12/31/23 13:30		2	472	13458

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/31/23 14:00		2	472	13458
12/31/23 14:30		2	472	13458
12/31/23 15:00		2	472	13458
12/31/23 15:30		2	472	13458
12/31/23 16:00		2	472	13458
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12/31/23 17:00		2	471	13458
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12/31/23 20:00		2	471	13458
12/31/23 20:30		2	471	13458
12/31/23 21:00		2	471	13458
12/31/23 21:30		2	471	13458
12/31/23 22:00		2	471	13458
12/31/23 22:30		2	471	13458
12/31/23 23:00		2	471	13458
12/31/23 23:30		2	471	13458

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 collected during the report period (refer to the following Groundwater Elevations Table and the maps in Attachment F showing flow direction and hydraulic gradient) and have been collected at the facility for many years at various monitoring wells on the property. The current field information was used to calculate the groundwater elevations and hydraulic gradient across the Bloomfield Products Terminal depicted in Attachment F. The following Groundwater Elevations Table represents the most recent data collected and includes a three-year history from the monitoring wells within the vicinity of WDW #2. The table also calculates the variance percentage in the groundwater elevation compared to the pervious measurement of elevation at each selected monitoring well and the average variance percentage difference over the last 2 year period. This data demonstrates the lack of variability in groundwater elevations between monitoring events and over time.

Groundwater Elevations Table

Well ID	Date	Corrected Groundwater Elevation ft amsl	Variance Percentage Since Previous Measurement	Variance Percentage 2-Year Average	Well ID	Date	Corrected Groundwater Elevation ft amsl	Variance Percentage Since Previous Measurement	Variance Percentage 2-Year Average
Upstream of WDW #2					Downstream of WDW #2				
MW-52	August-20	5503.78			MW-78	March-22	5501.2		
	August-21	5502.17	-0.0293%			June-22	5501.02	-0.0033%	
	December-21	5501.47	-0.0127%			September-22	5501.03	0.0002%	
	March-22	5501.31	-0.0029%			November-22	5501.16	0.0024%	
	June-22	5501.04	-0.0049%			February-23	5500.79	-0.0067%	
	September-22	5501.35	0.0056%			June-23	5500.70	-0.0016%	
	November-22	5501.33	-0.0004%			October-23	5500.55	-0.0027%	-0.0020%
	February-23	5501.02	-0.0056%		MW-29	August-20	5503.31		
	June-23	5500.94	-0.0015%			August-21	5501.8	-0.0274%	
MW-53	October-23	5500.75	-0.0035%	-0.0061%		December-21	5500.88	-0.0167%	
	August-20	5503.37				March-22	5500.84	-0.0007%	
	August-21	5502.22	-0.0209%			June-22	5500.71	-0.0024%	
	March-22	5501.55	-0.0122%			September-22	5501.02	0.0056%	
	June-22	5501.41	-0.0025%			November-22	5500.77	-0.0045%	
	September-22	5501.54	0.0024%			February-23	5500.41	-0.0065%	
	November-22	5501.57	0.0005%			June-23	5500.27	-0.0025%	
	February-23	5501.42	-0.0027%			October-23	5500.05	-0.0040%	-0.0066%
	June-23	5501.40	-0.0004%		MW-68	August-20	5501.99		
	October-23	5501.2	-0.0036%	-0.0049%		August-21	5500.65	-0.0244%	
MW-55	August-20	5503.37				December-21	5499.69	-0.0175%	
	August-21	5502.22	-0.0209%			March-22	5499.67	-0.0004%	
	March-22	5501.55	-0.0122%			June-22	5499.66	-0.0002%	
	June-22	5501.41	-0.0025%			September-22	5499.81	0.0027%	
	September-22	5501.54	0.0024%			November-22	5499.62	-0.0035%	
	November-22	5501.57	0.0005%			February-23	5499.22	-0.0073%	
	February-23	5501.42	-0.0027%			June-23	5499.09	-0.0024%	
	June-23	5501.40	-0.0004%			October-23	5498.99	-0.0018%	-0.0061%
	October-23	5501.2	-0.0036%	-0.0049%	MW-21	August-20	5500.76		
MW-55	August-20	5503.37				August-21	5500.19	-0.0104%	
	August-21	5502.22	-0.0209%			December-21	5499.81	-0.0069%	
	March-22	5501.55	-0.0122%			March-22	5499.71	-0.0018%	
	June-22	5501.41	-0.0025%			June-22	5499.54	-0.0031%	
	September-22	5501.54	0.0024%			September-22	5499.90	0.0065%	
	November-22	5501.57	0.0005%			November-22	5499.78	-0.0022%	
	February-23	5501.42	-0.0027%			February-23	5499.60	-0.0033%	
	June-23	5501.40	-0.0004%			June-23	5497.52	-0.0378%	-0.0074%
	October-23	5501.2	-0.0036%	-0.0049%	MW-55	August-20	5501.55		
MW-55	August-20	5503.37				August-21	5498.05	-0.0636%	
	August-21	5502.22	-0.0209%			December-21	5497.91	-0.0025%	
	March-22	5501.55	-0.0122%			March-22	5497.99	0.0015%	
	June-22	5501.41	-0.0025%			June-22	5497.92	-0.0013%	
	September-22	5501.54	0.0024%			September-22	5497.99	0.0013%	
	November-22	5501.57	0.0005%			November-22	5498.04	0.0009%	
	February-23	5501.42	-0.0027%			February-23	5497.94	-0.0018%	
	June-23	5501.40	-0.0004%			June-23	5498.07	0.0024%	
	October-23	5501.2	-0.0036%	-0.0049%		October-23	5498.00	-0.0013%	-0.0072%

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 October 2023 analytical results for samples collected at WDW #2 indicated a chloride concentration of 580 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 604 mg/L. (See Chloride and Sulfate Analytical Table below.) Groundwater elevations at the recently installed MW-78 were too low to collect samples during October 2023. The average chloride concentration in MW-78 since March 2022 is 223 mg/L. This result demonstrates the natural 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 below.)

Sulfate Concentrations

Sulfate concentrations detected in the wastewaters injected into WDW #2 were below the New Mexico WQCC standard of 600 mg/L. October 2023 analytical results for samples collected at WDW #2 indicated a sulfate concentration of 110 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
	October-23	1400	1500
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
	October-23	860	1300
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
	October-23	**	
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
	October-23	340	720

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
	October-23	580	110

* Data provided for historical reference. WDW-2 was not installed until 2017 after this data was collected.

** Groundwater elevation was too low to sample.

TDS Concentrations

The Total Dissolved Solids detected in the wastewaters injected into WDW #2 were above the New Mexico WQCC standard of 1000 mg/L. This screening level is irrelevant as it applies to a domestic water supply, and the Entrada Formation is a brackish aquifer with TDS concentrations exceeding 10,000 mg/L.

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 chlorides detected at samples collected from the wastewaters injected into WDW #2 in October 2023 indicated a chloride concentration of 580 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.

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.

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.

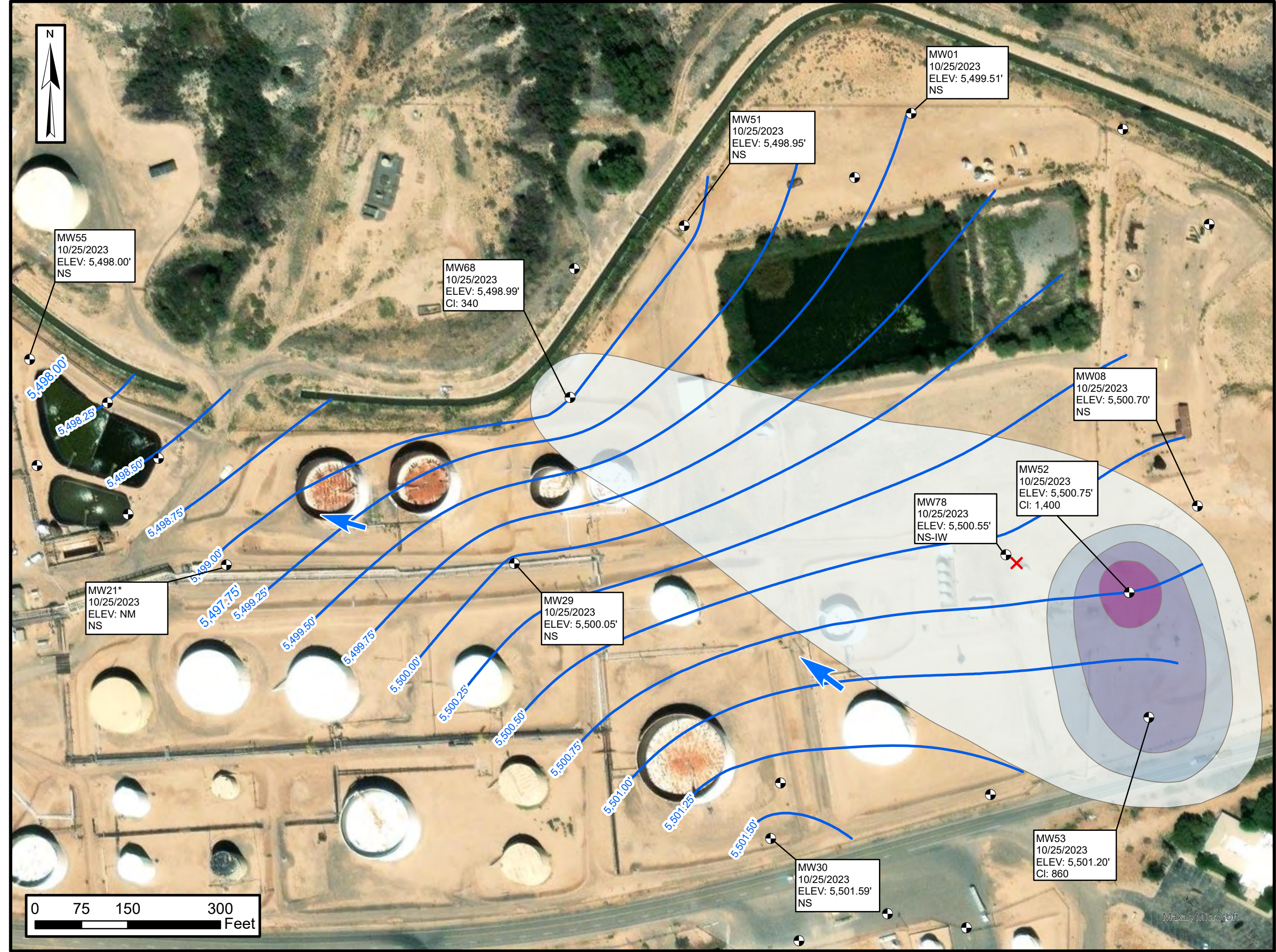
Well Testing Operations & Significant Activities

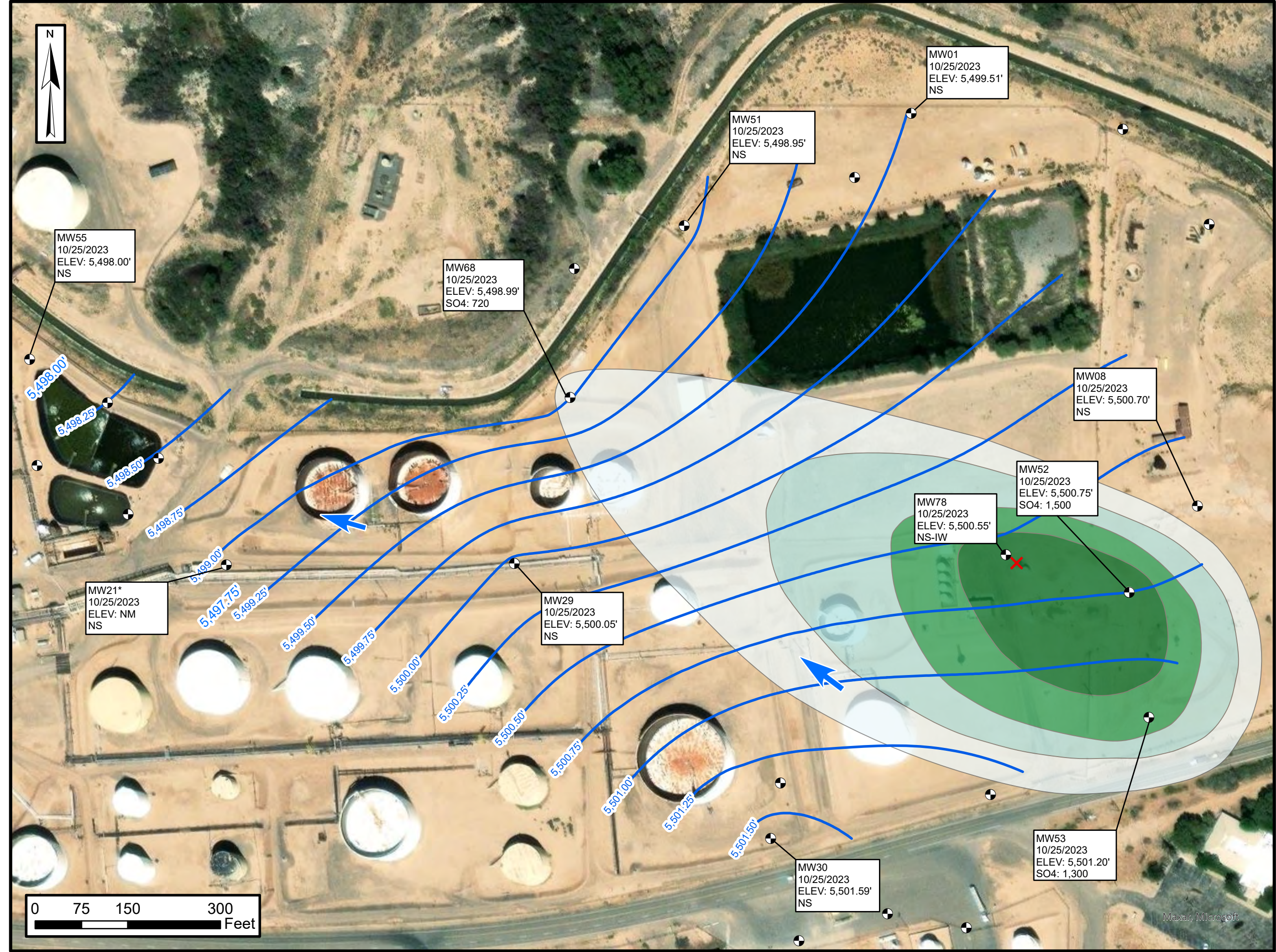
No significant activities were performed in the report period.

ATTACHMENT F

**Groundwater Flow Direction
& Hydraulic Gradient Map**

Chloride and Sulfate Maps





Legend

✗

Injection Well

⊙

Monitoring Well

Sulfate Concentration Isocontours

500-799

800-1,099

1,100-1,399

>1,400

Groundwater Elevation Contours

Groundwater Flow Direction

Notes:

Elev: Groundwater Elevation in Feet Above Mean Sea Level

* : Indicates Measured Groundwater Elevation is Anomalous Compared to Historic Results, Result Excluded in Groundwater Elevation Contours

NS: Not Sampled

NS-IW: Not Sampled due to Insufficient Water Volume

NM: Not Measured

SO4: Sulfate in Milligrams per Liter (mg/L)

Sources:

Environmental Systems Research Institute (ESRI), Maxar, Microsoft

Fourth Quarter 2023 Groundwater Flow Direction and Sulfate Concentration

Bloomfield Products Terminal
Western Refining Southwest, LLC

Sec 26,27, T29S, R11W
San Juan County, New Mexico

Figure 5

Environmental, Engineering and
Hydrogeologic Consultants

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
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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 310726

COMMENTS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 310726
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

COMMENTS

Created By	Comment	Comment Date
cchavez	WDW-2 Quarterly Report Oct.-Dc. 2023	4/23/2024

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

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CONDITIONS

Created By	Condition	Condition Date
cchavez	OCD Condition of Approval: 1) Communicate with Western/Marathon on the OCD Discharge Permit GW-1 to ensure the Slurry Wall Remedial System is ultimately capturing the Chlorides and Sulfates in their remedial system hydrogeologically downgradient from the injection well facility. 2) Notify the OCD Engineering Bureau UIC Group within 24-hours of having knowledge that the Chloride and Sulfate rich groundwater observed from reports is not being captured by the "GW-1" Remedial System.	4/23/2024