

UICI-11

Quarterly Report

2023 Qtr. 1

Western Refining Southwest LLC

539 S Main Street
Findlay, OH 45840
Tel: 419.422.2121

February 6, 2023

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

Tracker #: Electronic Submittal via NMOCD e-permitting website

RE: Quarterly Injection Well Report – October to December 2022
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, 2022, and December 31st, 2022**, which includes the following:

- Attachment A: 2022 Quarterly Injection Well Summary Table
- Attachment B: Analytical Summary of Quarterly Samples
- Attachment C: Quarterly Laboratory Analytical Reports
 - Injection Well quarterly sample results
 - Monitoring well sample results
- Attachment D: Well Operational Logs
- Attachment E: Groundwater Monitoring Well Data Summary & Evaluation
- Attachment F: Groundwater Flow Direction & Hydraulic Gradient Map

Western Refining Southwest LLC

539 S Main Street
Findlay, OH 45840
Tel: 419.422.2121

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

Sincerely,

Gary Russell

Gary Russell
Senior Environmental Specialist
Western Refining Southwest LLC

CC: Environmental Manual

ATTACHMENT A

Quarterly Injection Well Summary Table

Western Refining Southwest LLC
 Bloomfield Terminal
 Report Year -2022
 Summary

Period	Amount of Water From River (Gallons)	Amount From WWTP (Gallons)	Totalizer Amount Injected (Gallons)	Down-time (hrs)	Injection Pressure			Annular Pressure		
					Max (PSIA)	Min (PSIA)	Avg (PSIA)	Max (PSIA)	Min (PSIA)	Avg (PSIA)
OCT	0	674000	0	744	553	-6	523	34	-6	29
NOV	0	464000	0	720	509	-6	499	41	-6	37
DEC	0	478000	156660	654.5	1268	-6	642	42	-8	15
Quarterly Averages and Totals	0	1616000	156660	2118.5	776.67	-6.00	554.72	39.00	-6.67	27.15

Total Volume
 Injected: 156660 Gallons

Attachment B

Quarterly Analytical Summary Table

Attachment B - Analytical Summary

		Toxicity Characteristics (40 CFR261.24)	WQCC (20.6.2.3103 NMAC)	Jan-Mar	Apr-June	July-Sept	Oct-Dec
Volatile Organic Compounds (mg/L)							
D029	1,1-Dichloroethene	0.70	5	< 0.70	< 0.70	< 0.70	< 0.70
D028	1,2-Dichloroethane (EDC)	0.50	10	< 0.50	< 0.50	< 0.50	< 0.50
D027	1,4-Dichlorobenzene	7.5		< 7.5	< 7.5	< 7.5	< 7.5
D035	2-Butanone (MEK)	200		< 200	< 200	< 200	< 200
D018	Benzene	0.50	10	< 0.50	< 0.50	< 0.50	< 0.50
D019	Carbon Tetrachloride	0.50	10	< 0.50	< 0.50	< 0.50	< 0.50
D021	Chlorobenzene	100		< 100	< 100	< 100	< 100
D022	Chloroform	6.0	100	< 6.0	< 6.0	< 6.0	< 6.0
D033	Hexachlorobutadiene	0.50		< 0.50	< 0.50	< 0.50	< 0.50
D039	Tetrachloroethene (PCE)	0.70	20	< 0.70	< 0.70	< 0.70	< 0.70
D040	Trichloroethene (TCE)	0.50	100	< 0.50	< 0.50	< 0.50	< 0.50
D043	Vinyl chloride	0.20	1	< 0.20	< 0.20	< 0.20	< 0.20
Semi-Volatile Organic Compounds (mg/L)							
D027	1,4-Dichlorobenzene	7.5		<7.5	<7.5	<7.5	<7.5
D041	2,4,5-Trichlorophenol	400		<400	<400	<400	<400
D042	2,4,6-Trichlorophenol	2.0		<2.0	<2.0	<2.0	<2.0
D030	2,4-Dinitrotoluene	0.13		<0.13	<0.13	<0.13	<0.13
D023	2-Methylphenol (o-Cresol)	200		<200	<200	<200	<200
D024, D025	3+4-Methylphenol (m, p-Cresol)	200		<200	<200	<200	<200
D032	Hexachlorobenzene	0.13		<0.13	<0.13	<0.13	<0.13
D033	Hexachlorobutadiene	0.50		<.50	<.50	<.50	<.50
D034	Hexachloroethane	3.0		<3.0	<3.0	<3.0	<3.0
D036	Nitrobenzene	2.0		<2.0	<2.0	<2.0	<2.0
D037	Pentachlorophenol	100		<100	<100	<100	<100
D038	Pyridine	5.0		<5.0	<5.0	<5.0	<5.0
General Chemistry (mg/L unless otherwise stated)							
	Specific Conductance (umhos/cm3)			4400	4300	4100	3500
	Bromide			2.7	2.7	2.6	1.9
	Chloride		250 *	990	920	910	710
	Fluoride			0.62	0.65	0.55	<0.5
	Nitrate + Nitrite as N			<0.5	<0.5	<0.5	<0.5
	Phosphorus, Orthophosphate (As P)			<2.5	<2.5	<2.5	<2.5
	Sulfate		600	75	58	79	84
	Total Dissolved Solids		1,000	2290	2400	2330	1830
	pH (pH Units)			7.96	8.18	8.25	7.78
	Bicarbonate (As CaCO3)			511.3	541.7	540.8	505.8
	Carbonate (As CaCO3)			<2.0	<2.0	<2.0	<2.0
	Total Alkalinity (as CaCO3)			511.3	541.7	540.8	505.8
	Oxidation-Reduction Potential (mV)			118	164	182	182
	Specific Gravity			0.998	0.999	0.997	0.993
Total Metals (mg/L)							
D004	Arsenic	5.0		0.0033	< 0.005	<0.03	<0.03
D005	Barium	100		0.088	0.12	0.16	0.089
D006	Cadmium	1.0		< 0.002	< 0.002	< 0.002	< 0.002
D007	Chromium	5.0		< 0.006	< 0.006	< 0.006	< 0.006
D008	Lead	5.0		< 0.005	< 0.005	<0.02	<0.02
D010	Selenium	1.0		< 0.001	< 0.005	<0.05	<0.05
D011	Silver	5.0		< 0.005	< 0.005	< 0.005	< 0.005
D009	Mercury	0.2	0.002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dissolved Metals (mg/L)							
	Calcium			29	39	49	37
	Magnesium			35	38	36	39
	Potassium			21	25	22	20
	Sodium			770	790	780	620
Ignitability, Corrosivity, and Reactivity							
D003	Reactive Cyanide (mg/L)			<0.005	<0.005	<0.01	<0.005
D003	Reactive Sulfide (mg/L)			<0.05	<0.05	<0.316	<0.05
D001	Ignitability (° F)	< 140° F		>170	>170	>200	>170
D002	Corrosivity (ph Units)	≤ 2 or ≥ 12.5	6-9	7.98	7.87	8.24	7.9
Pesticides (mg/L)							
	Chlordane	0.03		<0.001	<0.001	<0.001	<0.001
Field Parameters							
	pH			7.6	7.3	8	7.33
	Temperature (° C)			19.6	22.8	20.6	11.7

Notes:

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

ATTACHMENT C
Laboratory Analytical Reports



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

November 08, 2022

Stuart Hyde

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX: (505) 632-3911

RE: Bloomfield Terminal

OrderNo.: 2211161

Dear Stuart Hyde:

Hall Environmental Analysis Laboratory received 4 sample(s) on 11/3/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2211161

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: MW-52

Project: Bloomfield Terminal

Collection Date: 11/2/2022 3:00:00 PM

Lab ID: 2211161-001

Matrix: AQUEOUS

Received Date: 11/3/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	330	50	*	mg/L	100	11/4/2022 10:58:35 AM	R92370
Sulfate	1500	50	*	mg/L	100	11/4/2022 10:58:35 AM	R92370

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 2211161

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: MW-53

Project: Bloomfield Terminal

Collection Date: 11/2/2022 3:25:00 PM

Lab ID: 2211161-002

Matrix: AQUEOUS

Received Date: 11/3/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	830	50	*	mg/L	100	11/4/2022 11:23:17 AM	R92370
Sulfate	1100	50	*	mg/L	100	11/4/2022 11:23:17 AM	R92370

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 2211161

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: MW-68

Project: Bloomfield Terminal

Collection Date: 11/2/2022 1:50:00 PM

Lab ID: 2211161-003

Matrix: AQUEOUS

Received Date: 11/3/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	33	5.0		mg/L	10	11/4/2022 11:35:38 AM	R92370
Sulfate	250	5.0	*	mg/L	10	11/4/2022 11:35:38 AM	R92370

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 2211161

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: MW-78

Project: Bloomfield Terminal

Collection Date: 11/2/2022 2:30:00 PM

Lab ID: 2211161-004

Matrix: AQUEOUS

Received Date: 11/3/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	250	50	*	mg/L	100	11/4/2022 12:12:41 PM	R92370
Sulfate	910	50	*	mg/L	100	11/4/2022 12:12:41 PM	R92370

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#: 221116108-Nov-22

Client: Western Refining Southwest, Inc.
Project: Bloomfield Terminal

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R92370	RunNo: 92370								
Prep Date:	Analysis Date: 11/4/2022	SeqNo: 3319555 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: R92370	RunNo: 92370								
Prep Date:	Analysis Date: 11/4/2022	SeqNo: 3319556 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.9	0.50	5.000	0	98.7	90	110			
Sulfate	10	0.50	10.00	0	100	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

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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: 2211161

RcptNo: 1

Received By: Juan Rojas 11/3/2022 6:25:00 AM

Completed By: Tracy Casarrubias 11/3/2022 8:56:03 AM

Reviewed By: *ju 11/3/22*

Juan Rojas

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° 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: *KPG 11.3.22*

Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Yes			

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record						Turn-Around Time:	
Client: Western Refining		☒ Standard ☐ Rush					
Contact: Gary Russell		Project Name: Bloomfield Terminal					
Mailing Address:		Project #:					
Phone #:		Project Manager: Stuart Hyde					
Email or Fax#:		Sampler: Zach Myers					
QA/QC Package:		On Ice: ☒ Yes ☐ No					
☐ Standard ☐ Level 4 (Full Validation)		# of Coolers: 1					
Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other		Cooler Temp (including CF): 1.1 + 0.1 = 1.2 (°C)					
☐ EDD (Type) _____		Container Type and #		Preservative Type		HEAL No.	
Date	Time	Matrix	Sample Name				
11-2	15:00	water	MW-S2	250mL Poly	-	001	
11-2	15:25	water	MW-S3	250mL Poly	-	002	
11-2	13:50	water	MW-G8	250mL Poly	-	003	
11-2	14:30	water	MW-78	250mL Poly	-	004	
Date:	Time:	Relinquished by:	Received by:		Via:	Date:	Time
11/12/22	1650	Zach	Zach		11/12/22	1650	
Date:	Time:	Relinquished by:	Received by:		Via:	Date:	Time
11/12/22	1811	Stuart	Zach		11/12/22	1811	

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



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

January 10, 2023

Gary Russell

Western Refining Southwest, Inc.

#50 CR 4990

Bloomfield, NM 87413

TEL: (505) 632-4135

FAX:

RE: Injection Well December 2022

OrderNo.: 2212330

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/7/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2212330

Date Reported: 1/10/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well December 2022

Collection Date: 12/5/2022 3:00:00 PM

Lab ID: 2212330-001

Matrix: AQUEOUS

Received Date: 12/7/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP							Analyst: DAM
2-Methylphenol	ND	200		mg/L	1	12/12/2022 4:52:32 PM	71935
3+4-Methylphenol	ND	200		mg/L	1	12/12/2022 4:52:32 PM	71935
2,4-Dinitrotoluene	ND	0.13		mg/L	1	12/12/2022 4:52:32 PM	71935
Hexachlorobenzene	ND	0.13		mg/L	1	12/12/2022 4:52:32 PM	71935
Hexachlorobutadiene	ND	0.50		mg/L	1	12/12/2022 4:52:32 PM	71935
Hexachloroethane	ND	3.0		mg/L	1	12/12/2022 4:52:32 PM	71935
Nitrobenzene	ND	2.0		mg/L	1	12/12/2022 4:52:32 PM	71935
Pentachlorophenol	ND	100		mg/L	1	12/12/2022 4:52:32 PM	71935
Pyridine	ND	5.0		mg/L	1	12/12/2022 4:52:32 PM	71935
2,4,5-Trichlorophenol	ND	400		mg/L	1	12/12/2022 4:52:32 PM	71935
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	12/12/2022 4:52:32 PM	71935
Cresols, Total	ND	200		mg/L	1	12/12/2022 4:52:32 PM	71935
Surr: 2-Fluorophenol	31.4	18.1-88.9		%Rec	1	12/12/2022 4:52:32 PM	71935
Surr: Phenol-d5	23.0	17-61.5		%Rec	1	12/12/2022 4:52:32 PM	71935
Surr: 2,4,6-Tribromophenol	49.6	29.8-104		%Rec	1	12/12/2022 4:52:32 PM	71935
Surr: Nitrobenzene-d5	40.4	22.2-111		%Rec	1	12/12/2022 4:52:32 PM	71935
Surr: 2-Fluorobiphenyl	36.6	24.6-96.3		%Rec	1	12/12/2022 4:52:32 PM	71935
Surr: 4-Terphenyl-d14	56.5	53.4-124		%Rec	1	12/12/2022 4:52:32 PM	71935
SPECIFIC GRAVITY							Analyst: CAS
Specific Gravity	0.9932	0			1	12/12/2022 2:29:00 PM	R93206
EPA METHOD 300.0: ANIONS							Analyst: NAI
Fluoride	ND	0.50		mg/L	5	12/8/2022 1:41:16 AM	R93119
Chloride	710	25	*	mg/L	50	12/29/2022 11:07:41 PM	R93641
Bromide	1.9	0.50		mg/L	5	12/8/2022 1:41:16 AM	R93119
Phosphorus, Orthophosphate (As P)	ND	2.5	H	mg/L	5	12/8/2022 1:41:16 AM	R93119
Sulfate	84	2.5		mg/L	5	12/8/2022 1:41:16 AM	R93119
Nitrate+Nitrite as N	ND	1.0		mg/L	5	12/29/2022 11:20:03 PM	R93641
SM2510B: SPECIFIC CONDUCTANCE							Analyst: MRA
Conductivity	3500	10		µmhos/c	1	12/8/2022 1:54:15 PM	R93143
SM2320B: ALKALINITY							Analyst: MRA
Bicarbonate (As CaCO3)	505.8	20.00		mg/L Ca	1	12/8/2022 1:54:15 PM	R93143
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	12/8/2022 1:54:15 PM	R93143
Total Alkalinity (as CaCO3)	505.8	20.00		mg/L Ca	1	12/8/2022 1:54:15 PM	R93143
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: SNS
Total Dissolved Solids	1830	100	*D	mg/L	1	12/13/2022 8:55:00 AM	71948
SM4500-H+B / 9040C: PH							Analyst: MRA

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 2212330

Date Reported: 1/10/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well December 2022

Collection Date: 12/5/2022 3:00:00 PM

Lab ID: 2212330-001

Matrix: AQUEOUS

Received Date: 12/7/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM4500-H+B / 9040C: PH							Analyst: MRA
pH	7.78		H	pH units	1	12/8/2022 1:54:15 PM	R93143
EPA METHOD 7470A: MERCURY							Analyst: VP
Mercury	ND	0.00020		mg/L	1	12/23/2022 4:05:22 PM	72297
EPA METHOD 6010B: DISSOLVED METALS							Analyst: JRR
Calcium	37	5.0		mg/L	5	12/12/2022 1:59:03 PM	A93237
Magnesium	39	5.0		mg/L	5	12/12/2022 1:59:03 PM	A93237
Potassium	20	5.0		mg/L	5	12/12/2022 1:59:03 PM	A93237
Sodium	620	10		mg/L	10	12/12/2022 2:08:27 PM	A93237
EPA 6010B: TOTAL RECOVERABLE METALS							Analyst: JRR
Arsenic	ND	0.030		mg/L	1	12/15/2022 2:37:14 PM	71959
Barium	0.089	0.0020		mg/L	1	12/12/2022 11:46:30 AM	71959
Cadmium	ND	0.0020		mg/L	1	12/12/2022 11:46:30 AM	71959
Calcium	39	1.0		mg/L	1	12/12/2022 11:46:30 AM	71959
Chromium	ND	0.0060		mg/L	1	12/12/2022 11:46:30 AM	71959
Lead	ND	0.020		mg/L	1	12/12/2022 11:46:30 AM	71959
Magnesium	39	1.0		mg/L	1	12/12/2022 11:46:30 AM	71959
Potassium	20	1.0		mg/L	1	12/12/2022 11:46:30 AM	71959
Selenium	ND	0.050		mg/L	1	12/12/2022 11:46:30 AM	71959
Silver	ND	0.0050		mg/L	1	12/12/2022 11:46:30 AM	71959
Sodium	650	10		mg/L	10	12/12/2022 12:38:23 PM	71959
EPA METHOD 8081: PESTICIDES							Analyst: mb
Chlordane	ND	1.0		µg/L	1	12/27/2022 10:33:58 AM	71988
Surr: Decachlorobiphenyl	112	40.9-111	S	%Rec	1	12/27/2022 10:33:58 AM	71988
Surr: Tetrachloro-m-xylene	72.2	15-107		%Rec	1	12/27/2022 10:33:58 AM	71988
TCLP VOLATILES BY 8260B							Analyst: CCM
Benzene	ND	0.50		mg/L	200	12/9/2022 5:57:00 PM	T93149
Toluene	ND	0.50		mg/L	200	12/9/2022 5:57:00 PM	T93149
Ethylbenzene	ND	0.50		mg/L	200	12/9/2022 5:57:00 PM	T93149
Xylenes, Total	ND	0.50		mg/L	200	12/9/2022 5:57:00 PM	T93149
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	12/9/2022 5:57:00 PM	T93149
2-Butanone	ND	200		mg/L	200	12/9/2022 5:57:00 PM	T93149
Carbon Tetrachloride	ND	0.50		mg/L	200	12/9/2022 5:57:00 PM	T93149
Chloroform	ND	6.0		mg/L	200	12/9/2022 5:57:00 PM	T93149
1,4-Dichlorobenzene	ND	7.5		mg/L	200	12/9/2022 5:57:00 PM	T93149
1,1-Dichloroethene	ND	0.70		mg/L	200	12/9/2022 5:57:00 PM	T93149
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	12/9/2022 5:57:00 PM	T93149
Trichloroethene (TCE)	ND	0.50		mg/L	200	12/9/2022 5:57:00 PM	T93149

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

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 2 of 13

Analytical Report

Lab Order 2212330

Date Reported: 1/10/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc.

Client Sample ID: Injection Well

Project: Injection Well December 2022

Collection Date: 12/5/2022 3:00:00 PM

Lab ID: 2212330-001

Matrix: AQUEOUS

Received Date: 12/7/2022 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B							Analyst: CCM
Vinyl chloride	ND	0.20		mg/L	200	12/9/2022 5:57:00 PM	T93149
Chlorobenzene	ND	100		mg/L	200	12/9/2022 5:57:00 PM	T93149
Surr: 1,2-Dichloroethane-d4	95.7	70-130		%Rec	200	12/9/2022 5:57:00 PM	T93149
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	200	12/9/2022 5:57:00 PM	T93149
Surr: Dibromofluoromethane	99.7	70-130		%Rec	200	12/9/2022 5:57:00 PM	T93149
Surr: Toluene-d8	88.5	70-130		%Rec	200	12/9/2022 5:57:00 PM	T93149

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.		

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ANALYTICAL REPORT

December 15, 2022

Hall Environmental Analysis Laboratory

Sample Delivery Group: L1565234

Samples Received: 12/08/2022

Project Number:

Description:

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

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Entire Report Reviewed By:

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

John Hawkins
Project Manager

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

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

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
2212330-001F L1565234-01	5	⁴ Cn
Qc: Quality Control Summary	6	
Wet Chemistry by Method 2580	6	⁵ Sr
Wet Chemistry by Method 4500 CN E-2016	7	
Wet Chemistry by Method 4500 S2 D-2011	8	⁶ Qc
Wet Chemistry by Method 9040C	9	
Wet Chemistry by Method D93/1010A	10	⁷ Gl
Gl: Glossary of Terms	11	⁸ Al
Al: Accreditations & Locations	12	
Sc: Sample Chain of Custody	13	⁹ Sc

2212330-001F L1565234-01 GW

Collected by
Collected date/time
Received date/time

12/05/22 15:00
12/08/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG1975133	1	12/15/22 14:12	12/15/22 14:12	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500 CN E-2016	WG1972097	1	12/10/22 07:56	12/10/22 15:07	LDT	Mt. Juliet, TN
Wet Chemistry by Method 4500 S2 D-2011	WG1973171	1	12/09/22 14:25	12/09/22 14:25	JAR	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG1972426	1	12/13/22 11:05	12/13/22 11:05	EPW	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG1972644	1	12/12/22 16:46	12/12/22 16:46	JAR	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.



2212330-001
Collected date/time: 12/05/22 15:00

L1565234

Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
ORP	182	T8	1	12/15/2022 14:12	WG1975133

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Wet Chemistry by Method 4500 CN E-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	12/10/2022 15:07	WG1972097

Wet Chemistry by Method 4500 S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Reactive Sulfide	ND		0.0500	1	12/09/2022 14:25	WG1973171

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.90	T8	1	12/13/2022 11:05	WG1972426

Sample Narrative:

L1565234-01 WG1972426: 7.9 at 17.4C

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	12/12/2022 16:46	WG1972644

L1565234-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1565234-01 12/15/22 14:12 • (DUP) R3872259-3 12/15/22 14:12					
Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	<u>DUP Qualifier</u> mV
ORP	182	191	1	8.90	20

L1567608-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1567608-01 12/15/22 14:12 • (DUP) R3872259-4 12/15/22 14:12					
Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	<u>DUP Qualifier</u> mV
ORP	95.8	89.6	1	6.20	20

L1567608-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1567608-02 12/15/22 14:12 • (DUP) R3872259-5 12/15/22 14:12					
Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	<u>DUP Qualifier</u> mV
ORP	263	271	1	7.80	20

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

(LCS) R3872259-1 12/15/22 14:12 • (LCSD) R3872259-2 12/15/22 14:12							
Analyte	Spike Amount mV	LCS Result mV	LCSD Result mV	LCS Rec. %	LCSD Rec. %	Rec. Limits %	Diff Limits mV
ORP	98.0	106	105	108	107	90.0-110	20

Method Blank (MB)

(MB) R3870402-1 12/10/22 14:38				
Analyte	MB Result mg/l	<u>MB Qualifier</u>	MB MDL mg/l	MB RDL mg/l
Reactive Cyanide	U		0.00180	0.00500

L1565061-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1565061-02 12/10/22 14:56 • (DUP) R3870402-7 12/10/22 14:57				
Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %
Reactive Cyanide	ND	ND	1	39.6
			P1	20

L1565273-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1565273-01 12/10/22 15:09 • (DUP) R3870402-8 12/10/22 15:10				
Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %
Reactive Cyanide	ND	ND	1	0.000
				20

Laboratory Control Sample (LCS)

(LCS) R3870402-2 12/10/22 14:39				
Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %
Reactive Cyanide	0.100	0.100	100	87.1-120

L1565013-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1565013-04 12/10/22 14:50 • (MS) R3870402-3 12/10/22 14:51 • (MSD) R3870402-4 12/10/22 14:52							
Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	Dilution	Rec. Limits %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0973	0.0949	1	90.0-110	2.50 20

L1565013-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1565013-05 12/10/22 14:53 • (MS) R3870402-5 12/10/22 14:54 • (MSD) R3870402-6 12/10/22 14:55							
Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	Dilution	Rec. Limits %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0904	0.0924	1	90.0-110	2.19 20

Method Blank (MB)

(MB) R3870903-1 12/09/22 14:21

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

Laboratory Control Sample (LCS)

(LCS) R3870903-2 12/09/22 14:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Reactive Sulfide	0.500	0.540	108	85.0-115	

L1564772-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1564772-01 12/09/22 14:23 • (MS) R3870903-3 12/09/22 14:23 • (MSD) R3870903-4 12/09/22 14:24

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Reactive Sulfide	0.500	ND	0.526	0.510	105	102	1	80.0-120		3.09		20

L1565175-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1565175-01 12/13/22 11:05 • (DUP) R387165-2 12/13/22 11:05

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
pH	8.79	8.79	1	0.000		1

Sample Narrative:

OS: 8.79 at 20C
DUP: 8.79 at 19.8C

L1566476-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1566476-01 12/13/22 11:05 • (DUP) R387165-3 12/13/22 11:05

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
pH	7.92	7.92	1	0.000		1

Sample Narrative:

OS: 7.92 at 19C
DUP: 7.92 at 19.1C

Laboratory Control Sample (LCS)

(LCS) R387165-1 12/13/22 11:05

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
pH	10.0	9.90	99.0	99.0-101	

Sample Narrative:

LCS: 9.9 at 19.9C

L1564945-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1564945-02 12/12/22 16:46 • (DUP) R3870860-3 12/12/22 16:46

Analyte	Original Result deg F	DUP Result deg F	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Flashpoint	DNF at 200	DNF at 200	1	0.000		10

L1565234-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1565234-01 12/12/22 16:46 • (DUP) R3870860-4 12/12/22 16:46

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

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

(LCS) R3870860-1 12/12/22 16:46 • (LCSD) R3870860-2 12/12/22 16:46

Analyte	Spike Amount deg F	LCS Result deg F	LCSD Result deg F	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Flashpoint	126	128	130	101	103	96.0-104		1.56	10	

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

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

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.

1 Cp

2 Tc

3 Ss

4 Cn

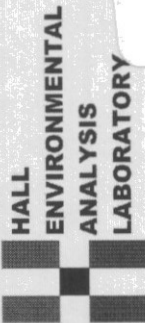
5 Sr

6 Qc

7 Gl

8 Al

9 Sc



CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

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

E174

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	ANALYTICAL COMMENTS	
1	2212330-001F	Injection Well	500HDPE	Aqueous	12/5/2022 3:00:00 PM	3 RCI, ORP	61565234

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

770708221628

SPECIAL INSTRUCTIONS / COMMENTS:

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

Relinquished By: <u>SAT</u>	Date: 12/7/2022	Time: 10:53 AM	Received By: <u>[Signature]</u>	Date: 12-9-22	Time: 10:40
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
TAT:	Standard ☒	RUSH	Next BD ☐	2nd BD ☐	3rd BD ☐
REPORT TRANSMITTAL DESIRED: ☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE					
FOR LAB USE ONLY					
Temp of samples _____ °C Attempt to Cool ? _____					
Comments: _____					

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212330

11-Jan-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well December 2022

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R93119	RunNo: 93119								
Prep Date:	Analysis Date: 12/7/2022	SeqNo: 3354349 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Bromide	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: R93119	RunNo: 93119								
Prep Date:	Analysis Date: 12/7/2022	SeqNo: 3354350 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.51	0.10	0.5000	0	103	90	110			
Bromide	2.4	0.10	2.500	0	94.0	90	110			
Phosphorus, Orthophosphate (As P)	4.6	0.50	5.000	0	91.3	90	110			
Sulfate	9.5	0.50	10.00	0	95.0	90	110			

Sample ID: MB	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBW	Batch ID: R93641	RunNo: 93641								
Prep Date:	Analysis Date: 12/29/2022	SeqNo: 3379355 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: LCS	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSW	Batch ID: R93641	RunNo: 93641								
Prep Date:	Analysis Date: 12/29/2022	SeqNo: 3379356 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.0	90	110			
Nitrate+Nitrite as N	3.4	0.20	3.500	0	96.7	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#: 2212330

11-Jan-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well December 2022

Sample ID: MB-71988	SampType: MBLK		TestCode: EPA Method 8081: PESTICIDES							
Client ID: PBW	Batch ID: 71988		RunNo: 93751							
Prep Date: 12/9/2022	Analysis Date: 12/27/2022		SeqNo: 3384031		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	1.0								
Surr: Decachlorobiphenyl	2.0		2.500		78.9	40.9	111			
Surr: Tetrachloro-m-xylene	1.4		2.500		55.9	15	107			

Sample ID: LCS-71988	SampType: LCS		TestCode: EPA Method 8081: PESTICIDES							
Client ID: LCSW	Batch ID: 71988		RunNo: 93751							
Prep Date: 12/9/2022	Analysis Date: 12/27/2022		SeqNo: 3384032		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.2		2.500		89.5	40.9	111			
Surr: Tetrachloro-m-xylene	1.7		2.500		70.0	15	107			

Sample ID: LCSD-71988	SampType: LCSD		TestCode: EPA Method 8081: PESTICIDES							
Client ID: LCSS02	Batch ID: 71988		RunNo: 93751							
Prep Date: 12/9/2022	Analysis Date: 12/27/2022		SeqNo: 3384033		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.1		2.500		86.0	40.9	111	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		65.1	15	107	0	20	

Sample ID: MB-71988	SampType: MBLK		TestCode: EPA Method 8081: PESTICIDES							
Client ID: PBW	Batch ID: 71988		RunNo: 93751							
Prep Date: 12/9/2022	Analysis Date: 12/27/2022		SeqNo: 3384099		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	1.0								
Surr: Decachlorobiphenyl	2.1		2.500		82.5	40.9	111			
Surr: Tetrachloro-m-xylene	1.4		2.500		55.3	15	107			

Sample ID: LCS-71988	SampType: LCS		TestCode: EPA Method 8081: PESTICIDES							
Client ID: LCSW	Batch ID: 71988		RunNo: 93751							
Prep Date: 12/9/2022	Analysis Date: 12/27/2022		SeqNo: 3384100		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		93.0	40.9	111			
Surr: Tetrachloro-m-xylene	1.7		2.500		69.5	15	107			

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#: 2212330
11-Jan-23

Client: Western Refining Southwest, Inc.
Project: Injection Well December 2022

Sample ID: LCSD-71988		SampType: LCSD		TestCode: EPA Method 8081: PESTICIDES						
Client ID: LCSS02		Batch ID: 71988		RunNo: 93751						
Prep Date: 12/9/2022		Analysis Date: 12/27/2022		SeqNo: 3384101		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		90.3	40.9	111	0	20	
Surr: Tetrachloro-m-xylene	1.7		2.500		66.7	15	107	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#: 2212330

11-Jan-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well December 2022

Sample ID: 100ng lcs	SampType: LCS		TestCode: TCLP Volatiles by 8260B							
Client ID: LCSW	Batch ID: T93149		RunNo: 93149							
Prep Date:	Analysis Date: 12/9/2022		SeqNo: 3358715		Units: mg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50	0.02000	0	101	70	130			
1,1-Dichloroethene	ND	0.70	0.02000	0	100	70	130			
Trichloroethene (TCE)	ND	0.50	0.02000	0	97.7	70	130			
Chlorobenzene	ND	100	0.02000	0	109	70	130			
Surr: 1,2-Dichloroethane-d4	0.0090		0.01000		89.9	70	130			
Surr: 4-Bromofluorobenzene	0.0099		0.01000		98.8	70	130			
Surr: Dibromofluoromethane	0.0093		0.01000		93.1	70	130			
Surr: Toluene-d8	0.0093		0.01000		93.1	70	130			

Sample ID: mb	SampType: MBLK		TestCode: TCLP Volatiles by 8260B							
Client ID: PBW	Batch ID: T93149		RunNo: 93149							
Prep Date:	Analysis Date: 12/9/2022		SeqNo: 3358716		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	0.0094		0.01000		94.3	70	130			
Surr: 4-Bromofluorobenzene	0.0094		0.01000		93.5	70	130			
Surr: Dibromofluoromethane	0.0098		0.01000		97.7	70	130			
Surr: Toluene-d8	0.0092		0.01000		92.1	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 7 of 13

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212330

11-Jan-23

Client: Western Refining Southwest, Inc.
Project: Injection Well December 2022

Sample ID: lcs-1 99.4uS eC	SampType: lcs	TestCode: SM2510B: Specific Conductance								
Client ID: LCSW	Batch ID: R93143	RunNo: 93143								
Prep Date:	Analysis Date: 12/8/2022	SeqNo: 3355383	Units: µmhos/cm							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	99	10	99.40	0	99.9	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

Page 8 of 13

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

WO#: 2212330

11-Jan-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well December 2022

Sample ID: MB-72297	SampType: MBLK	TestCode: EPA Method 7470A: Mercury								
Client ID: PBW	Batch ID: 72297	RunNo: 93535								
Prep Date: 12/23/2022	Analysis Date: 12/23/2022	SeqNo: 3374385	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: LCSLL-72297	SampType: LCSLL	TestCode: EPA Method 7470A: Mercury								
Client ID: BatchQC	Batch ID: 72297	RunNo: 93535								
Prep Date: 12/23/2022	Analysis Date: 12/23/2022	SeqNo: 3374386	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00027	0.00020	0.0001500	0	181	50	150			S

Sample ID: LCS-72297	SampType: LCS	TestCode: EPA Method 7470A: Mercury								
Client ID: LCSW	Batch ID: 72297	RunNo: 93535								
Prep Date: 12/23/2022	Analysis Date: 12/23/2022	SeqNo: 3374387	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0056	0.00020	0.005000	0	111	85	115			

Sample ID: LCSLL-72297	SampType: LCSLL	TestCode: EPA Method 7470A: Mercury								
Client ID: BatchQC	Batch ID: 72297	RunNo: 93535								
Prep Date: 12/23/2022	Analysis Date: 12/23/2022	SeqNo: 3374391	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00026	0.00020	0.0001500	0	173	50	150			S

Sample ID: LCSLL-72297	SampType: LCSLL	TestCode: EPA Method 7470A: Mercury								
Client ID: BatchQC	Batch ID: 72297	RunNo: 93535								
Prep Date: 12/23/2022	Analysis Date: 12/23/2022	SeqNo: 3374441	Units: mg/L							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020	0.0001500	0	76.5	50	150			

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#: 2212330
11-Jan-23

Client: Western Refining Southwest, Inc.
Project: Injection Well December 2022

Sample ID: MB-A	SampType: MBLK	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: PBW	Batch ID: A93237	RunNo: 93237								
Prep Date:	Analysis Date: 12/12/2022	SeqNo: 3360414 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Calcium	ND	1.0								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Sodium	ND	1.0								

Sample ID: LCS-A	SampType: LCS	TestCode: EPA Method 6010B: Dissolved Metals								
Client ID: LCSW	Batch ID: A93237	RunNo: 93237								
Prep Date:	Analysis Date: 12/12/2022	SeqNo: 3360416 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			
Magnesium	52	1.0	50.00	0	105	80	120			
Potassium	52	1.0	50.00	0	105	80	120			
Sodium	53	1.0	50.00	0	105	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#: 2212330

11-Jan-23

Client: Western Refining Southwest, Inc.**Project:** Injection Well December 2022

Sample ID: MB-71959	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 71959	RunNo: 93237								
Prep Date: 12/8/2022	Analysis Date: 12/12/2022	SeqNo: 3360411 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Calcium	ND	1.0								
Chromium	ND	0.0060								
Lead	ND	0.020								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Selenium	ND	0.050								
Silver	ND	0.0050								
Sodium	ND	1.0								

Sample ID: LCS-71959	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 71959	RunNo: 93237								
Prep Date: 12/8/2022	Analysis Date: 12/12/2022	SeqNo: 3360413 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.41	0.0020	0.5000	0	81.2	80	120			
Cadmium	0.42	0.0020	0.5000	0	83.8	80	120			
Calcium	48	1.0	50.00	0	95.9	80	120			
Chromium	0.40	0.0060	0.5000	0	80.2	80	120			
Lead	0.42	0.020	0.5000	0	84.0	80	120			
Magnesium	51	1.0	50.00	0	101	80	120			
Potassium	50	1.0	50.00	0	101	80	120			
Selenium	0.43	0.050	0.5000	0	86.0	80	120			
Silver	0.084	0.0050	0.1000	0	84.0	80	120			
Sodium	52	1.0	50.00	0	103	80	120			

Sample ID: LCS-71959	SampType: LCS	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: LCSW	Batch ID: 71959	RunNo: 93353								
Prep Date: 12/8/2022	Analysis Date: 12/15/2022	SeqNo: 3366081 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.49	0.030	0.5000	0	98.5	80	120			

Sample ID: MB-71959	SampType: MBLK	TestCode: EPA 6010B: Total Recoverable Metals								
Client ID: PBW	Batch ID: 71959	RunNo: 93353								
Prep Date: 12/8/2022	Analysis Date: 12/15/2022	SeqNo: 3366112 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.030								

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#: 2212330

11-Jan-23

Client: Western Refining Southwest, Inc.
Project: Injection Well December 2022

Sample ID: mb-1 alk	SampType: mblk	TestCode: SM2320B: Alkalinity
Client ID: PBW	Batch ID: R93143	RunNo: 93143
Prep Date:	Analysis Date: 12/8/2022	SeqNo: 3355333 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: R93143	RunNo: 93143
Prep Date:	Analysis Date: 12/8/2022	SeqNo: 3355334 Units: mg/L CaCO3
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Total Alkalinity (as CaCO3)	75.96	20.00 80.00 0 95.0 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

Page 12 of 13

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212330
11-Jan-23

Client: Western Refining Southwest, Inc.
Project: Injection Well December 2022

Sample ID: MB-71948	SampType: MBLK	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: PBW	Batch ID: 71948	RunNo: 93216								
Prep Date: 12/8/2022	Analysis Date: 12/13/2022	SeqNo: 3359372 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: LCS-71948	SampType: LCS	TestCode: SM2540C MOD: Total Dissolved Solids								
Client ID: LCSW	Batch ID: 71948	RunNo: 93216								
Prep Date: 12/8/2022	Analysis Date: 12/13/2022	SeqNo: 3359373 Units: mg/L								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1040	20.0	1000	0	104	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

Page 13 of 13



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: 2212330

RcptNo: 1

Received By: Juan Rojas

12/7/2022 7:10:00 AM

[Signature]

Completed By: Sean Livingston

12/7/2022 10:45:12 AM

[Signature]

Reviewed By: *Ju 12/7/22*

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of >0° 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? 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: 3 1
(2 or >12 unless noted)
Adjusted? yes
Checked by: *J 12-7-22*

Special Handling (if applicable)

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

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks: *Added 1.0ml of H2SO4 to sample cool 2 of 2 for pH less than 2.*

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.9	Good				

Filter lot # FJ4820 11/1/22

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

Analysis Request

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

Attachment D

Quarterly Operational Log

Attachment D Injection Well Operational Log

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/1/22 0:00	0	17	552	206273
10/1/22 0:30	0	17	552	206273
10/1/22 1:00	0	17	552	206273
10/1/22 1:30	0	17	552	206273
10/1/22 2:00	0	17	552	206273
10/1/22 2:30	0	17	552	206273
10/1/22 3:00	0	17	552	206273
10/1/22 3:30	0	17	552	206273
10/1/22 4:00	0	17	552	206273
10/1/22 4:30	0	17	552	206273
10/1/22 5:00	0	17	552	206273
10/1/22 5:30	0	17	551	206273
10/1/22 6:00	0	17	551	206273
10/1/22 6:30	0	17	551	206273
10/1/22 7:00	0	17	551	206273
10/1/22 7:30	0	17	551	206273
10/1/22 8:00	0	17	551	206273
10/1/22 8:30	0	17	551	206273
10/1/22 9:00	0	17	551	206273
10/1/22 9:30	0	17	551	206273
10/1/22 10:00	0	17	551	206273
10/1/22 10:30	0	17	551	206273
10/1/22 11:00	0	17	551	206273
10/1/22 11:30	0	17	551	206273
10/1/22 12:00	0	17	551	206273
10/1/22 12:30	0	17	550	206273
10/1/22 13:00	0	18	551	206273
10/1/22 13:30	0	18	550	206273
10/1/22 14:00	0	18	550	206273
10/1/22 14:30	0	18	550	206273
10/1/22 15:00	0	18	550	206273
10/1/22 15:30	0	18	550	206273
10/1/22 16:00	0	18	550	206273
10/1/22 16:30	0	18	550	206273
10/1/22 17:00	0	18	550	206273
10/1/22 17:30	0	19	550	206273
10/1/22 18:00	0	19	550	206273
10/1/22 18:30	0	19	550	206273
10/1/22 19:00	0	19	550	206273
10/1/22 19:30	0	19	550	206273
10/1/22 20:00	0	19	549	206273
10/1/22 20:30	0	19	549	206273
10/1/22 21:00	0	19	549	206273
10/1/22 21:30	0	19	549	206273
10/1/22 22:00	0	19	549	206273
10/1/22 22:30	0	19	549	206273
10/1/22 23:00	0	19	549	206273
10/1/22 23:30	0	19	549	206273
10/2/22 0:00	0	19	549	206273
10/2/22 0:30	0	19	549	206273
10/2/22 1:00	0	19	549	206273
10/2/22 1:30	0	18	549	206273
10/2/22 2:00	0	18	549	206273
10/2/22 2:30	0	19	549	206273
10/2/22 3:00	0	18	548	206273
10/2/22 3:30	0	18	549	206273
10/2/22 4:00	0	18	548	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/2/22 4:30	0	18	548	206273
10/2/22 5:00	0	19	548	206273
10/2/22 5:30	0	19	548	206273
10/2/22 6:00	0	19	548	206273
10/2/22 6:30	0	19	548	206273
10/2/22 7:00	0	18	548	206273
10/2/22 7:30	0	18	548	206273
10/2/22 8:00	0	18	548	206273
10/2/22 8:30	0	18	548	206273
10/2/22 9:00	0	18	548	206273
10/2/22 9:30	0	18	548	206273
10/2/22 10:00	0	18	548	206273
10/2/22 10:30	0	18	548	206273
10/2/22 11:00	0	18	548	206273
10/2/22 11:30	0	18	548	206273
10/2/22 12:00	0	19	547	206273
10/2/22 12:30	0	19	548	206273
10/2/22 13:00	0	19	548	206273
10/2/22 13:30	0	19	547	206273
10/2/22 14:00	0	19	547	206273
10/2/22 14:30	0	19	547	206273
10/2/22 15:00	0	19	547	206273
10/2/22 15:30	0	19	547	206273
10/2/22 16:00	0	19	547	206273
10/2/22 16:30	0	19	547	206273
10/2/22 17:00	0	19	547	206273
10/2/22 17:30	0	20	547	206273
10/2/22 18:00	0	20	546	206273
10/2/22 18:30	0	20	547	206273
10/2/22 19:00	0	20	546	206273
10/2/22 19:30	0	20	547	206273
10/2/22 20:00	0	20	546	206273
10/2/22 20:30	0	20	546	206273
10/2/22 21:00	0	20	546	206273
10/2/22 21:30	0	20	546	206273
10/2/22 22:00	0	20	546	206273
10/2/22 22:30	0	19	546	206273
10/2/22 23:00	0	19	546	206273
10/2/22 23:30	0	19	546	206273
10/3/22 0:00	0	19	546	206273
10/3/22 0:30	0	19	546	206273
10/3/22 1:00	0	19	546	206273
10/3/22 1:30	0	19	546	206273
10/3/22 2:00	0	19	546	206273
10/3/22 2:30	0	19	546	206273
10/3/22 3:00	0	19	546	206273
10/3/22 3:30	0	19	546	206273
10/3/22 4:00	0	20	546	206273
10/3/22 4:30	0	20	546	206273
10/3/22 5:00	0	20	545	206273
10/3/22 5:30	0	20	545	206273
10/3/22 6:00	0	20	545	206273
10/3/22 6:30	0	20	545	206273
10/3/22 7:00	0	20	545	206273
10/3/22 7:30	0	20	545	206273
10/3/22 8:00	0	20	545	206273
10/3/22 8:30	0	20	545	206273
10/3/22 9:00	0	20	545	206273
10/3/22 9:30	0	20	545	206273
10/3/22 10:00	0	20	545	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/3/22 10:30	0	20	545	206273
10/3/22 11:00	0	20	545	206273
10/3/22 11:30	0	20	545	206273
10/3/22 12:00	0	20	545	206273
10/3/22 12:30	0	20	544	206273
10/3/22 13:00	0	20	544	206273
10/3/22 13:30	0	20	545	206273
10/3/22 14:00	0	20	545	206273
10/3/22 14:30	0	20	544	206273
10/3/22 15:00	0	20	544	206273
10/3/22 15:30	0	20	544	206273
10/3/22 16:00	0	21	544	206273
10/3/22 16:30	0	21	544	206273
10/3/22 17:00	0	21	544	206273
10/3/22 17:30	0	21	544	206273
10/3/22 18:00	0	21	545	206273
10/3/22 18:30	0	21	543	206273
10/3/22 19:00	0	21	544	206273
10/3/22 19:30	0	21	544	206273
10/3/22 20:00	0	21	544	206273
10/3/22 20:30	0	21	543	206273
10/3/22 21:00	0	21	543	206273
10/3/22 21:30	0	21	544	206273
10/3/22 22:00	0	21	544	206273
10/3/22 22:30	0	21	544	206273
10/3/22 23:00	0	21	543	206273
10/3/22 23:30	0	21	543	206273
10/4/22 0:00	0	21	543	206273
10/4/22 0:30	0	21	543	206273
10/4/22 1:00	0	21	543	206273
10/4/22 1:30	0	21	543	206273
10/4/22 2:00	0	21	543	206273
10/4/22 2:30	0	21	543	206273
10/4/22 3:00	0	21	543	206273
10/4/22 3:30	0	21	543	206273
10/4/22 4:00	0	21	543	206273
10/4/22 4:30	0	21	543	206273
10/4/22 5:00	0	21	543	206273
10/4/22 5:30	0	21	543	206273
10/4/22 6:00	0	21	543	206273
10/4/22 6:30	0	21	542	206273
10/4/22 7:00	0	21	542	206273
10/4/22 7:30	0	21	543	206273
10/4/22 8:00	0	21	542	206273
10/4/22 8:30	0	21	542	206273
10/4/22 9:00	0	21	542	206273
10/4/22 9:30	0	21	543	206273
10/4/22 10:00	0	21	543	206273
10/4/22 10:30	0	21	542	206273
10/4/22 11:00	0	21	542	206273
10/4/22 11:30	0	21	542	206273
10/4/22 12:00	0	21	542	206273
10/4/22 12:30	0	21	542	206273
10/4/22 13:00	0	21	542	206273
10/4/22 13:30	0	21	542	206273
10/4/22 14:00	0	22	542	206273
10/4/22 14:30	0	22	542	206273
10/4/22 15:00	0	22	542	206273
10/4/22 15:30	0	22	542	206273
10/4/22 16:00	0	22	542	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/4/22 16:30	0	22	542	206273
10/4/22 17:00	0	22	541	206273
10/4/22 17:30	0	22	541	206273
10/4/22 18:00	0	22	541	206273
10/4/22 18:30	0	22	541	206273
10/4/22 19:00	0	22	541	206273
10/4/22 19:30	0	22	541	206273
10/4/22 20:00	0	22	541	206273
10/4/22 20:30	0	22	541	206273
10/4/22 21:00	0	22	541	206273
10/4/22 21:30	0	22	541	206273
10/4/22 22:00	0	22	541	206273
10/4/22 22:30	0	22	541	206273
10/4/22 23:00	0	22	541	206273
10/4/22 23:30	0	22	541	206273
10/5/22 0:00	0	22	541	206273
10/5/22 0:30	0	22	541	206273
10/5/22 1:00	0	22	541	206273
10/5/22 1:30	0	22	541	206273
10/5/22 2:00	0	22	541	206273
10/5/22 2:30	0	22	541	206273
10/5/22 3:00	0	22	541	206273
10/5/22 3:30	0	22	541	206273
10/5/22 4:00	0	22	541	206273
10/5/22 4:30	0	22	540	206273
10/5/22 5:00	0	22	540	206273
10/5/22 5:30	0	22	540	206273
10/5/22 6:00	0	22	540	206273
10/5/22 6:30	0	22	540	206273
10/5/22 7:00	0	22	540	206273
10/5/22 7:30	0	22	540	206273
10/5/22 8:00	0	22	540	206273
10/5/22 8:30	0	22	540	206273
10/5/22 9:00	0	22	540	206273
10/5/22 9:30	0	22	540	206273
10/5/22 10:00	0	22	540	206273
10/5/22 10:30	0	22	540	206273
10/5/22 11:00	0	22	540	206273
10/5/22 11:30	0	22	540	206273
10/5/22 12:00	0	23	540	206273
10/5/22 12:30	0	23	540	206273
10/5/22 13:00	0	23	539	206273
10/5/22 13:30	0	23	540	206273
10/5/22 14:00	0	23	540	206273
10/5/22 14:30	0	23	539	206273
10/5/22 15:00	0	23	540	206273
10/5/22 15:30	0	23	540	206273
10/5/22 16:00	0	23	539	206273
10/5/22 16:30	0	23	539	206273
10/5/22 17:00	0	23	539	206273
10/5/22 17:30	0	23	540	206273
10/5/22 18:00	0	23	539	206273
10/5/22 18:30	0	23	539	206273
10/5/22 19:00	0	23	539	206273
10/5/22 19:30	0	23	539	206273
10/5/22 20:00	0	23	539	206273
10/5/22 20:30	0	23	539	206273
10/5/22 21:00	0	23	539	206273
10/5/22 21:30	0	23	539	206273
10/5/22 22:00	0	23	539	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/5/22 22:30	0	23	539	206273
10/5/22 23:00	0	23	539	206273
10/5/22 23:30	0	23	539	206273
10/6/22 0:00	0	23	539	206273
10/6/22 0:30	0	23	539	206273
10/6/22 1:00	0	23	538	206273
10/6/22 1:30	0	23	538	206273
10/6/22 2:00	0	23	538	206273
10/6/22 2:30	0	23	538	206273
10/6/22 3:00	0	23	538	206273
10/6/22 3:30	0	23	538	206273
10/6/22 4:00	0	23	538	206273
10/6/22 4:30	0	23	538	206273
10/6/22 5:00	0	23	538	206273
10/6/22 5:30	0	23	538	206273
10/6/22 6:00	0	23	538	206273
10/6/22 6:30	0	23	538	206273
10/6/22 7:00	0	23	538	206273
10/6/22 7:30	0	23	538	206273
10/6/22 8:00	0	23	538	206273
10/6/22 8:30	0	23	538	206273
10/6/22 9:00	0	23	538	206273
10/6/22 9:30	0	23	538	206273
10/6/22 10:00	0	23	538	206273
10/6/22 10:30	0	24	538	206273
10/6/22 11:00	0	24	537	206273
10/6/22 11:30	0	24	537	206273
10/6/22 12:00	0	24	538	206273
10/6/22 12:30	0	24	538	206273
10/6/22 13:00	0	24	537	206273
10/6/22 13:30	0	24	537	206273
10/6/22 14:00	0	24	538	206273
10/6/22 14:30	0	24	537	206273
10/6/22 15:00	0	24	536	206273
10/6/22 15:30	0	24	537	206273
10/6/22 16:00	0	25	537	206273
10/6/22 16:30	0	25	537	206273
10/6/22 17:00	0	25	537	206273
10/6/22 17:30	0	25	536	206273
10/6/22 18:00	0	25	537	206273
10/6/22 18:30	0	25	538	206273
10/6/22 19:00	0	25	536	206273
10/6/22 19:30	0	25	537	206273
10/6/22 20:00	0	25	537	206273
10/6/22 20:30	0	25	537	206273
10/6/22 21:00	0	25	537	206273
10/6/22 21:30	0	25	537	206273
10/6/22 22:00	0	25	537	206273
10/6/22 22:30	0	25	536	206273
10/6/22 23:00	0	25	537	206273
10/6/22 23:30	0	25	536	206273
10/7/22 0:00	0	25	536	206273
10/7/22 0:30	0	25	536	206273
10/7/22 1:00	0	25	536	206273
10/7/22 1:30	0	25	536	206273
10/7/22 2:00	0	25	536	206273
10/7/22 2:30	0	25	536	206273
10/7/22 3:00	0	25	536	206273
10/7/22 3:30	0	25	536	206273
10/7/22 4:00	0	25	536	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/7/22 4:30	0	25	536	206273
10/7/22 5:00	0	25	536	206273
10/7/22 5:30	0	25	536	206273
10/7/22 6:00	0	25	536	206273
10/7/22 6:30	0	25	536	206273
10/7/22 7:00	0	25	536	206273
10/7/22 7:30	0	25	536	206273
10/7/22 8:00	0	25	536	206273
10/7/22 8:30	0	25	536	206273
10/7/22 9:00	0	25	536	206273
10/7/22 9:30	0	25	536	206273
10/7/22 10:00	0	25	536	206273
10/7/22 10:30	0	25	536	206273
10/7/22 11:00	0	25	536	206273
10/7/22 11:30	0	25	536	206273
10/7/22 12:00	0	25	535	206273
10/7/22 12:30	0	25	535	206273
10/7/22 13:00	0	25	536	206273
10/7/22 13:30	0	25	535	206273
10/7/22 14:00	0	25	535	206273
10/7/22 14:30	0	25	535	206273
10/7/22 15:00	0	25	535	206273
10/7/22 15:30	0	26	535	206273
10/7/22 16:00	0	26	534	206273
10/7/22 16:30	0	26	535	206273
10/7/22 17:00	0	26	535	206273
10/7/22 17:30	0	26	535	206273
10/7/22 18:00	0	26	535	206273
10/7/22 18:30	0	26	535	206273
10/7/22 19:00	0	26	535	206273
10/7/22 19:30	0	26	535	206273
10/7/22 20:00	0	26	535	206273
10/7/22 20:30	0	26	534	206273
10/7/22 21:00	0	26	535	206273
10/7/22 21:30	0	26	535	206273
10/7/22 22:00	0	26	535	206273
10/7/22 22:30	0	26	535	206273
10/7/22 23:00	0	26	535	206273
10/7/22 23:30	0	26	535	206273
10/8/22 0:00	0	26	534	206273
10/8/22 0:30	0	26	534	206273
10/8/22 1:00	0	26	534	206273
10/8/22 1:30	0	26	535	206273
10/8/22 2:00	0	26	534	206273
10/8/22 2:30	0	26	534	206273
10/8/22 3:00	0	26	534	206273
10/8/22 3:30	0	26	534	206273
10/8/22 4:00	0	26	534	206273
10/8/22 4:30	0	26	534	206273
10/8/22 5:00	0	26	534	206273
10/8/22 5:30	0	26	534	206273
10/8/22 6:00	0	26	534	206273
10/8/22 6:30	0	26	534	206273
10/8/22 7:00	0	26	534	206273
10/8/22 7:30	0	26	534	206273
10/8/22 8:00	0	26	534	206273
10/8/22 8:30	0	26	534	206273
10/8/22 9:00	0	26	534	206273
10/8/22 9:30	0	26	534	206273
10/8/22 10:00	0	26	534	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/8/22 10:30	0	26	534	206273
10/8/22 11:00	0	26	533	206273
10/8/22 11:30	0	26	534	206273
10/8/22 12:00	0	26	534	206273
10/8/22 12:30	0	26	534	206273
10/8/22 13:00	0	26	534	206273
10/8/22 13:30	0	26	533	206273
10/8/22 14:00	0	26	533	206273
10/8/22 14:30	0	26	533	206273
10/8/22 15:00	0	26	533	206273
10/8/22 15:30	0	26	533	206273
10/8/22 16:00	0	27	533	206273
10/8/22 16:30	0	27	533	206273
10/8/22 17:00	0	27	533	206273
10/8/22 17:30	0	27	533	206273
10/8/22 18:00	0	27	533	206273
10/8/22 18:30	0	27	533	206273
10/8/22 19:00	0	27	533	206273
10/8/22 19:30	0	27	533	206273
10/8/22 20:00	0	27	533	206273
10/8/22 20:30	0	27	533	206273
10/8/22 21:00	0	27	533	206273
10/8/22 21:30	0	27	533	206273
10/8/22 22:00	0	27	533	206273
10/8/22 22:30	0	27	533	206273
10/8/22 23:00	0	27	533	206273
10/8/22 23:30	0	27	533	206273
10/9/22 0:00	0	27	533	206273
10/9/22 0:30	0	26	533	206273
10/9/22 1:00	0	26	533	206273
10/9/22 1:30	0	26	533	206273
10/9/22 2:00	0	26	532	206273
10/9/22 2:30	0	26	532	206273
10/9/22 3:00	0	26	532	206273
10/9/22 3:30	0	26	532	206273
10/9/22 4:00	0	26	532	206273
10/9/22 4:30	0	26	532	206273
10/9/22 5:00	0	26	532	206273
10/9/22 5:30	0	26	532	206273
10/9/22 6:00	0	26	532	206273
10/9/22 6:30	0	26	532	206273
10/9/22 7:00	0	26	532	206273
10/9/22 7:30	0	26	532	206273
10/9/22 8:00	0	26	532	206273
10/9/22 8:30	0	26	532	206273
10/9/22 9:00	0	26	532	206273
10/9/22 9:30	0	26	532	206273
10/9/22 10:00	0	26	532	206273
10/9/22 10:30	0	27	532	206273
10/9/22 11:00	0	27	532	206273
10/9/22 11:30	0	27	532	206273
10/9/22 12:00	0	27	532	206273
10/9/22 12:30	0	27	532	206273
10/9/22 13:00	0	27	532	206273
10/9/22 13:30	0	27	532	206273
10/9/22 14:00	0	27	531	206273
10/9/22 14:30	0	27	532	206273
10/9/22 15:00	0	27	532	206273
10/9/22 15:30	0	27	532	206273
10/9/22 16:00	0	28	532	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/9/22 16:30	0	28	530	206273
10/9/22 17:00	0	28	532	206273
10/9/22 17:30	0	28	531	206273
10/9/22 18:00	0	28	531	206273
10/9/22 18:30	0	28	531	206273
10/9/22 19:00	0	28	531	206273
10/9/22 19:30	0	28	531	206273
10/9/22 20:00	0	28	531	206273
10/9/22 20:30	0	28	531	206273
10/9/22 21:00	0	28	531	206273
10/9/22 21:30	0	28	531	206273
10/9/22 22:00	0	28	531	206273
10/9/22 22:30	0	28	531	206273
10/9/22 23:00	0	28	531	206273
10/9/22 23:30	0	28	531	206273
10/10/22 0:00	0	28	531	206273
10/10/22 0:30	0	28	531	206273
10/10/22 1:00	0	28	531	206273
10/10/22 1:30	0	28	531	206273
10/10/22 2:00	0	28	531	206273
10/10/22 2:30	0	27	531	206273
10/10/22 3:00	0	27	531	206273
10/10/22 3:30	0	27	531	206273
10/10/22 4:00	0	27	531	206273
10/10/22 4:30	0	27	531	206273
10/10/22 5:00	0	27	531	206273
10/10/22 5:30	0	27	531	206273
10/10/22 6:00	0	27	530	206273
10/10/22 6:30	0	27	530	206273
10/10/22 7:00	0	27	530	206273
10/10/22 7:30	0	27	530	206273
10/10/22 8:00	0	27	530	206273
10/10/22 8:30	0	27	530	206273
10/10/22 9:00	0	27	530	206273
10/10/22 9:30	0	27	530	206273
10/10/22 10:00	0	27	531	206273
10/10/22 10:30	0	27	530	206273
10/10/22 11:00	0	28	530	206273
10/10/22 11:30	0	28	530	206273
10/10/22 12:00	0	28	530	206273
10/10/22 12:30	0	28	531	206273
10/10/22 13:00	0	28	530	206273
10/10/22 13:30	0	28	530	206273
10/10/22 14:00	0	28	530	206273
10/10/22 14:30	0	28	530	206273
10/10/22 15:00	0	28	530	206273
10/10/22 15:30	0	28	530	206273
10/10/22 16:00	0	28	530	206273
10/10/22 16:30	0	28	530	206273
10/10/22 17:00	0	29	530	206273
10/10/22 17:30	0	29	530	206273
10/10/22 18:00	0	29	530	206273
10/10/22 18:30	0	29	530	206273
10/10/22 19:00	0	29	529	206273
10/10/22 19:30	0	29	530	206273
10/10/22 20:00	0	29	529	206273
10/10/22 20:30	0	29	529	206273
10/10/22 21:00	0	29	530	206273
10/10/22 21:30	0	29	529	206273
10/10/22 22:00	0	29	530	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/10/22 22:30	0	29	530	206273
10/10/22 23:00	0	28	529	206273
10/10/22 23:30	0	28	529	206273
10/11/22 0:00	0	28	529	206273
10/11/22 0:30	0	28	529	206273
10/11/22 1:00	0	28	529	206273
10/11/22 1:30	0	28	529	206273
10/11/22 2:00	0	28	529	206273
10/11/22 2:30	0	28	529	206273
10/11/22 3:00	0	28	529	206273
10/11/22 3:30	0	28	529	206273
10/11/22 4:00	0	28	529	206273
10/11/22 4:30	0	28	529	206273
10/11/22 5:00	0	28	529	206273
10/11/22 5:30	0	28	529	206273
10/11/22 6:00	0	28	529	206273
10/11/22 6:30	0	28	529	206273
10/11/22 7:00	0	28	529	206273
10/11/22 7:30	0	28	529	206273
10/11/22 8:00	0	28	529	206273
10/11/22 8:30	0	28	529	206273
10/11/22 9:00	0	28	529	206273
10/11/22 9:30	0	28	529	206273
10/11/22 10:00	0	28	529	206273
10/11/22 10:30	0	28	529	206273
10/11/22 11:00	0	28	529	206273
10/11/22 11:30	0	28	529	206273
10/11/22 12:00	0	28	529	206273
10/11/22 12:30	0	28	529	206273
10/11/22 13:00	0	28	529	206273
10/11/22 13:30	0	28	528	206273
10/11/22 14:00	0	29	528	206273
10/11/22 14:30	0	29	528	206273
10/11/22 15:00	0	29	528	206273
10/11/22 15:30	0	29	528	206273
10/11/22 16:00	0	29	528	206273
10/11/22 16:30	0	29	528	206273
10/11/22 17:00	0	29	528	206273
10/11/22 17:30	0	29	528	206273
10/11/22 18:00	0	30	528	206273
10/11/22 18:30	0	30	528	206273
10/11/22 19:00	0	30	528	206273
10/11/22 19:30	0	30	528	206273
10/11/22 20:00	0	30	528	206273
10/11/22 20:30	0	30	528	206273
10/11/22 21:00	0	29	528	206273
10/11/22 21:30	0	29	528	206273
10/11/22 22:00	0	29	528	206273
10/11/22 22:30	0	29	528	206273
10/11/22 23:00	0	29	528	206273
10/11/22 23:30	0	29	528	206273
10/12/22 0:00	0	29	528	206273
10/12/22 0:30	0	29	528	206273
10/12/22 1:00	0	29	528	206273
10/12/22 1:30	0	29	528	206273
10/12/22 2:00	0	29	528	206273
10/12/22 2:30	0	29	527	206273
10/12/22 3:00	0	29	528	206273
10/12/22 3:30	0	29	528	206273
10/12/22 4:00	0	29	527	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/12/22 4:30	0	29	527	206273
10/12/22 5:00	0	29	528	206273
10/12/22 5:30	0	29	527	206273
10/12/22 6:00	0	29	527	206273
10/12/22 6:30	0	29	527	206273
10/12/22 7:00	0	29	527	206273
10/12/22 7:30	0	29	527	206273
10/12/22 8:00	0	29	527	206273
10/12/22 8:30	0	29	527	206273
10/12/22 9:00	0	29	527	206273
10/12/22 9:30	0	29	527	206273
10/12/22 10:00	0	29	528	206273
10/12/22 10:30	0	29	528	206273
10/12/22 11:00	0	29	527	206273
10/12/22 11:30	0	29	527	206273
10/12/22 12:00	0	29	527	206273
10/12/22 12:30	0	29	527	206273
10/12/22 13:00	0	29	527	206273
10/12/22 13:30	0	29	527	206273
10/12/22 14:00	0	29	527	206273
10/12/22 14:30	0	29	527	206273
10/12/22 15:00	0	30	527	206273
10/12/22 15:30	0	30	527	206273
10/12/22 16:00	0	30	527	206273
10/12/22 16:30	0	30	527	206273
10/12/22 17:00	0	30	527	206273
10/12/22 17:30	0	30	527	206273
10/12/22 18:00	0	30	527	206273
10/12/22 18:30	0	30	527	206273
10/12/22 19:00	0	30	527	206273
10/12/22 19:30	0	30	527	206273
10/12/22 20:00	0	30	526	206273
10/12/22 20:30	0	30	526	206273
10/12/22 21:00	0	30	527	206273
10/12/22 21:30	0	30	526	206273
10/12/22 22:00	0	30	526	206273
10/12/22 22:30	0	30	526	206273
10/12/22 23:00	0	30	526	206273
10/12/22 23:30	0	30	526	206273
10/13/22 0:00	0	30	526	206273
10/13/22 0:30	0	30	526	206273
10/13/22 1:00	0	30	526	206273
10/13/22 1:30	0	30	526	206273
10/13/22 2:00	0	30	526	206273
10/13/22 2:30	0	30	526	206273
10/13/22 3:00	0	30	526	206273
10/13/22 3:30	0	30	526	206273
10/13/22 4:00	0	29	526	206273
10/13/22 4:30	0	29	526	206273
10/13/22 5:00	0	29	526	206273
10/13/22 5:30	0	29	526	206273
10/13/22 6:00	0	29	526	206273
10/13/22 6:30	0	29	526	206273
10/13/22 7:00	0	29	526	206273
10/13/22 7:30	0	29	526	206273
10/13/22 8:00	0	29	526	206273
10/13/22 8:30	0	29	526	206273
10/13/22 9:00	0	29	526	206273
10/13/22 9:30	0	29	526	206273
10/13/22 10:00	0	29	527	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/13/22 10:30	0	29	526	206273
10/13/22 11:00	0	29	526	206273
10/13/22 11:30	0	29	526	206273
10/13/22 12:00	0	29	526	206273
10/13/22 12:30	0	30	526	206273
10/13/22 13:00	0	30	526	206273
10/13/22 13:30	0	30	526	206273
10/13/22 14:00	0	30	526	206273
10/13/22 14:30	0	30	525	206273
10/13/22 15:00	0	30	525	206273
10/13/22 15:30	0	30	525	206273
10/13/22 16:00	0	30	525	206273
10/13/22 16:30	0	31	525	206273
10/13/22 17:00	0	31	525	206273
10/13/22 17:30	0	31	525	206273
10/13/22 18:00	0	31	525	206273
10/13/22 18:30	0	31	525	206273
10/13/22 19:00	0	31	525	206273
10/13/22 19:30	0	31	525	206273
10/13/22 20:00	0	31	525	206273
10/13/22 20:30	0	31	525	206273
10/13/22 21:00	0	31	525	206273
10/13/22 21:30	0	31	525	206273
10/13/22 22:00	0	31	525	206273
10/13/22 22:30	0	30	525	206273
10/13/22 23:00	0	30	525	206273
10/13/22 23:30	0	30	525	206273
10/14/22 0:00	0	30	525	206273
10/14/22 0:30	0	30	525	206273
10/14/22 1:00	0	30	525	206273
10/14/22 1:30	0	30	525	206273
10/14/22 2:00	0	30	525	206273
10/14/22 2:30	0	30	525	206273
10/14/22 3:00	0	30	525	206273
10/14/22 3:30	0	30	525	206273
10/14/22 4:00	0	30	525	206273
10/14/22 4:30	0	30	525	206273
10/14/22 5:00	0	30	524	206273
10/14/22 5:30	0	30	524	206273
10/14/22 6:00	0	30	524	206273
10/14/22 6:30	0	30	524	206273
10/14/22 7:00	0	30	524	206273
10/14/22 7:30	0	30	524	206273
10/14/22 8:00	0	30	524	206273
10/14/22 8:30	0	30	524	206273
10/14/22 9:00	0	30	524	206273
10/14/22 9:30	0	30	525	206273
10/14/22 10:00	0	30	526	206273
10/14/22 10:30	0	30	525	206273
10/14/22 11:00	0	30	525	206273
10/14/22 11:30	0	30	525	206273
10/14/22 12:00	0	30	525	206273
10/14/22 12:30	0	30	525	206273
10/14/22 13:00	0	30	525	206273
10/14/22 13:30	0	30	524	206273
10/14/22 14:00	0	30	524	206273
10/14/22 14:30	0	30	524	206273
10/14/22 15:00	0	31	523	206273
10/14/22 15:30	0	31	524	206273
10/14/22 16:00	0	31	524	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/14/22 16:30	0	31	524	206273
10/14/22 17:00	0	31	524	206273
10/14/22 17:30	0	31	524	206273
10/14/22 18:00	0	31	524	206273
10/14/22 18:30	0	31	524	206273
10/14/22 19:00	0	31	524	206273
10/14/22 19:30	0	31	524	206273
10/14/22 20:00	0	31	524	206273
10/14/22 20:30	0	31	524	206273
10/14/22 21:00	0	31	524	206273
10/14/22 21:30	0	31	524	206273
10/14/22 22:00	0	31	524	206273
10/14/22 22:30	0	31	524	206273
10/14/22 23:00	0	31	524	206273
10/14/22 23:30	0	31	524	206273
10/15/22 0:00	0	31	524	206273
10/15/22 0:30	0	31	524	206273
10/15/22 1:00	0	31	524	206273
10/15/22 1:30	0	31	524	206273
10/15/22 2:00	0	30	523	206273
10/15/22 2:30	0	30	524	206273
10/15/22 3:00	0	30	523	206273
10/15/22 3:30	0	30	523	206273
10/15/22 4:00	0	30	523	206273
10/15/22 4:30	0	30	523	206273
10/15/22 5:00	0	30	523	206273
10/15/22 5:30	0	30	523	206273
10/15/22 6:00	0	30	523	206273
10/15/22 6:30	0	30	523	206273
10/15/22 7:00	0	30	524	206273
10/15/22 7:30	0	30	523	206273
10/15/22 8:00	0	30	523	206273
10/15/22 8:30	0	30	523	206273
10/15/22 9:00	0	30	523	206273
10/15/22 9:30	0	30	523	206273
10/15/22 10:00	0	30	524	206273
10/15/22 10:30	0	30	524	206273
10/15/22 11:00	0	30	523	206273
10/15/22 11:30	0	30	523	206273
10/15/22 12:00	0	30	523	206273
10/15/22 12:30	0	30	523	206273
10/15/22 13:00	0	31	523	206273
10/15/22 13:30	0	31	523	206273
10/15/22 14:00	0	31	523	206273
10/15/22 14:30	0	31	523	206273
10/15/22 15:00	0	31	523	206273
10/15/22 15:30	0	31	523	206273
10/15/22 16:00	0	31	522	206273
10/15/22 16:30	0	31	523	206273
10/15/22 17:00	0	31	523	206273
10/15/22 17:30	0	32	523	206273
10/15/22 18:00	0	32	523	206273
10/15/22 18:30	0	32	523	206273
10/15/22 19:00	0	32	523	206273
10/15/22 19:30	0	32	523	206273
10/15/22 20:00	0	32	522	206273
10/15/22 20:30	0	32	522	206273
10/15/22 21:00	0	32	523	206273
10/15/22 21:30	0	32	522	206273
10/15/22 22:00	0	32	522	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/15/22 22:30	0	31	523	206273
10/15/22 23:00	0	31	523	206273
10/15/22 23:30	0	31	523	206273
10/16/22 0:00	0	31	523	206273
10/16/22 0:30	0	31	523	206273
10/16/22 1:00	0	31	522	206273
10/16/22 1:30	0	31	522	206273
10/16/22 2:00	0	31	522	206273
10/16/22 2:30	0	31	523	206273
10/16/22 3:00	0	31	523	206273
10/16/22 3:30	0	31	522	206273
10/16/22 4:00	0	31	522	206273
10/16/22 4:30	0	31	522	206273
10/16/22 5:00	0	31	522	206273
10/16/22 5:30	0	31	523	206273
10/16/22 6:00	0	31	523	206273
10/16/22 6:30	0	31	522	206273
10/16/22 7:00	0	31	522	206273
10/16/22 7:30	0	31	522	206273
10/16/22 8:00	0	31	522	206273
10/16/22 8:30	0	31	522	206273
10/16/22 9:00	0	31	522	206273
10/16/22 9:30	0	31	522	206273
10/16/22 10:00	0	31	522	206273
10/16/22 10:30	0	31	522	206273
10/16/22 11:00	0	31	522	206273
10/16/22 11:30	0	31	523	206273
10/16/22 12:00	0	31	522	206273
10/16/22 12:30	0	31	522	206273
10/16/22 13:00	0	31	521	206273
10/16/22 13:30	0	31	522	206273
10/16/22 14:00	0	31	522	206273
10/16/22 14:30	0	31	522	206273
10/16/22 15:00	0	31	522	206273
10/16/22 15:30	0	31	521	206273
10/16/22 16:00	0	31	521	206273
10/16/22 16:30	0	31	522	206273
10/16/22 17:00	0	31	522	206273
10/16/22 17:30	0	31	522	206273
10/16/22 18:00	0	31	522	206273
10/16/22 18:30	0	31	522	206273
10/16/22 19:00	0	31	521	206273
10/16/22 19:30	0	31	522	206273
10/16/22 20:00	0	31	521	206273
10/16/22 20:30	0	31	521	206273
10/16/22 21:00	0	31	521	206273
10/16/22 21:30	0	31	521	206273
10/16/22 22:00	0	31	521	206273
10/16/22 22:30	0	31	521	206273
10/16/22 23:00	0	31	521	206273
10/16/22 23:30	0	31	521	206273
10/17/22 0:00	0	31	521	206273
10/17/22 0:30	0	31	521	206273
10/17/22 1:00	0	31	521	206273
10/17/22 1:30	0	31	521	206273
10/17/22 2:00	0	31	521	206273
10/17/22 2:30	0	31	521	206273
10/17/22 3:00	0	31	521	206273
10/17/22 3:30	0	31	521	206273
10/17/22 4:00	0	31	521	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/17/22 4:30	0	31	521	206273
10/17/22 5:00	0	31	521	206273
10/17/22 5:30	0	31	521	206273
10/17/22 6:00	0	31	521	206273
10/17/22 6:30	0	31	521	206273
10/17/22 7:00	0	31	521	206273
10/17/22 7:30	0	31	521	206273
10/17/22 8:00	0	31	520	206273
10/17/22 8:30	0	31	521	206273
10/17/22 9:00	0	31	520	206273
10/17/22 9:30	0	31	521	206273
10/17/22 10:00	0	31	521	206273
10/17/22 10:30	0	31	521	206273
10/17/22 11:00	0	31	521	206273
10/17/22 11:30	0	31	521	206273
10/17/22 12:00	0	31	521	206273
10/17/22 12:30	0	31	521	206273
10/17/22 13:00	0	31	520	206273
10/17/22 13:30	0	31	521	206273
10/17/22 14:00	0	31	521	206273
10/17/22 14:30	0	31	520	206273
10/17/22 15:00	0	31	521	206273
10/17/22 15:30	0	32	520	206273
10/17/22 16:00	0	32	520	206273
10/17/22 16:30	0	32	520	206273
10/17/22 17:00	0	32	520	206273
10/17/22 17:30	0	32	521	206273
10/17/22 18:00	0	32	520	206273
10/17/22 18:30	0	32	521	206273
10/17/22 19:00	0	32	520	206273
10/17/22 19:30	0	32	519	206273
10/17/22 20:00	0	32	520	206273
10/17/22 20:30	0	32	520	206273
10/17/22 21:00	0	32	520	206273
10/17/22 21:30	0	32	520	206273
10/17/22 22:00	0	32	520	206273
10/17/22 22:30	0	32	520	206273
10/17/22 23:00	0	32	520	206273
10/17/22 23:30	0	32	520	206273
10/18/22 0:00	0	32	520	206273
10/18/22 0:30	0	32	520	206273
10/18/22 1:00	0	32	520	206273
10/18/22 1:30	0	32	520	206273
10/18/22 2:00	0	31	520	206273
10/18/22 2:30	0	31	520	206273
10/18/22 3:00	0	31	520	206273
10/18/22 3:30	0	31	520	206273
10/18/22 4:00	0	31	519	206273
10/18/22 4:30	0	31	520	206273
10/18/22 5:00	0	31	520	206273
10/18/22 5:30	0	31	520	206273
10/18/22 6:00	0	31	520	206273
10/18/22 6:30	0	31	520	206273
10/18/22 7:00	0	31	520	206273
10/18/22 7:30	0	31	519	206273
10/18/22 8:00	0	31	519	206273
10/18/22 8:30	0	31	519	206273
10/18/22 9:00	0	31	519	206273
10/18/22 9:30	0	31	519	206273
10/18/22 10:00	0	31	520	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/18/22 10:30	0	31	520	206273
10/18/22 11:00	0	31	520	206273
10/18/22 11:30	0	31	520	206273
10/18/22 12:00	0	31	520	206273
10/18/22 12:30	0	31	520	206273
10/18/22 13:00	0	31	520	206273
10/18/22 13:30	0	31	520	206273
10/18/22 14:00	0	32	520	206273
10/18/22 14:30	0	32	519	206273
10/18/22 15:00	0	32	519	206273
10/18/22 15:30	0	32	519	206273
10/18/22 16:00	0	32	519	206273
10/18/22 16:30	0	32	520	206273
10/18/22 17:00	0	32	519	206273
10/18/22 17:30	0	32	519	206273
10/18/22 18:00	0	32	519	206273
10/18/22 18:30	0	32	519	206273
10/18/22 19:00	0	32	519	206273
10/18/22 19:30	0	32	519	206273
10/18/22 20:00	0	32	519	206273
10/18/22 20:30	0	32	519	206273
10/18/22 21:00	0	32	519	206273
10/18/22 21:30	0	32	519	206273
10/18/22 22:00	0	32	519	206273
10/18/22 22:30	0	32	519	206273
10/18/22 23:00	0	32	519	206273
10/18/22 23:30	0	32	519	206273
10/19/22 0:00	0	32	519	206273
10/19/22 0:30	0	32	519	206273
10/19/22 1:00	0	32	519	206273
10/19/22 1:30	0	32	519	206273
10/19/22 2:00	0	32	519	206273
10/19/22 2:30	0	32	519	206273
10/19/22 3:00	0	32	519	206273
10/19/22 3:30	0	32	519	206273
10/19/22 4:00	0	32	519	206273
10/19/22 4:30	0	32	519	206273
10/19/22 5:00	0	32	519	206273
10/19/22 5:30	0	32	519	206273
10/19/22 6:00	0	32	519	206273
10/19/22 6:30	0	32	519	206273
10/19/22 7:00	0	32	519	206273
10/19/22 7:30	0	32	518	206273
10/19/22 8:00	0	32	519	206273
10/19/22 8:30	0	31	518	206273
10/19/22 9:00	0	31	518	206273
10/19/22 9:30	0	31	518	206273
10/19/22 10:00	0	31	519	206273
10/19/22 10:30	0	32	519	206273
10/19/22 11:00	0	32	519	206273
10/19/22 11:30	0	32	519	206273
10/19/22 12:00	0	32	519	206273
10/19/22 12:30	0	32	519	206273
10/19/22 13:00	0	32	519	206273
10/19/22 13:30	0	32	519	206273
10/19/22 14:00	0	32	518	206273
10/19/22 14:30	0	32	518	206273
10/19/22 15:00	0	32	518	206273
10/19/22 15:30	0	32	518	206273
10/19/22 16:00	0	32	518	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/19/22 16:30	0	33	518	206273
10/19/22 17:00	0	33	518	206273
10/19/22 17:30	0	33	518	206273
10/19/22 18:00	0	33	518	206273
10/19/22 18:30	0	33	518	206273
10/19/22 19:00	0	33	518	206273
10/19/22 19:30	0	33	518	206273
10/19/22 20:00	0	33	518	206273
10/19/22 20:30	0	33	518	206273
10/19/22 21:00	0	33	518	206273
10/19/22 21:30	0	33	518	206273
10/19/22 22:00	0	33	518	206273
10/19/22 22:30	0	32	518	206273
10/19/22 23:00	0	32	518	206273
10/19/22 23:30	0	32	518	206273
10/20/22 0:00	0	32	518	206273
10/20/22 0:30	0	32	518	206273
10/20/22 1:00	0	32	518	206273
10/20/22 1:30	0	32	518	206273
10/20/22 2:00	0	32	518	206273
10/20/22 2:30	0	32	518	206273
10/20/22 3:00	0	32	518	206273
10/20/22 3:30	0	32	518	206273
10/20/22 4:00	0	32	518	206273
10/20/22 4:30	0	32	517	206273
10/20/22 5:00	0	32	518	206273
10/20/22 5:30	0	32	517	206273
10/20/22 6:00	0	32	517	206273
10/20/22 6:30	0	32	517	206273
10/20/22 7:00	0	32	517	206273
10/20/22 7:30	0	32	518	206273
10/20/22 8:00	0	32	517	206273
10/20/22 8:30	0	32	518	206273
10/20/22 9:00	0	32	517	206273
10/20/22 9:30	0	32	518	206273
10/20/22 10:00	0	32	518	206273
10/20/22 10:30	0	32	518	206273
10/20/22 11:00	0	32	518	206273
10/20/22 11:30	0	32	518	206273
10/20/22 12:00	0	32	518	206273
10/20/22 12:30	0	32	518	206273
10/20/22 13:00	0	32	518	206273
10/20/22 13:30	0	32	517	206273
10/20/22 14:00	0	32	517	206273
10/20/22 14:30	0	32	517	206273
10/20/22 15:00	0	32	517	206273
10/20/22 15:30	0	32	517	206273
10/20/22 16:00	0	33	517	206273
10/20/22 16:30	0	33	517	206273
10/20/22 17:00	0	33	517	206273
10/20/22 17:30	0	33	517	206273
10/20/22 18:00	0	33	517	206273
10/20/22 18:30	0	33	517	206273
10/20/22 19:00	0	33	517	206273
10/20/22 19:30	0	33	517	206273
10/20/22 20:00	0	33	517	206273
10/20/22 20:30	0	33	517	206273
10/20/22 21:00	0	33	517	206273
10/20/22 21:30	0	33	517	206273
10/20/22 22:00	0	33	517	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/20/22 22:30	0	33	517	206273
10/20/22 23:00	0	33	517	206273
10/20/22 23:30	0	33	517	206273
10/21/22 0:00	0	33	517	206273
10/21/22 0:30	0	33	517	206273
10/21/22 1:00	0	33	517	206273
10/21/22 1:30	0	32	517	206273
10/21/22 2:00	0	32	517	206273
10/21/22 2:30	0	32	517	206273
10/21/22 3:00	0	32	517	206273
10/21/22 3:30	0	32	517	206273
10/21/22 4:00	0	32	517	206273
10/21/22 4:30	0	32	517	206273
10/21/22 5:00	0	32	517	206273
10/21/22 5:30	0	32	516	206273
10/21/22 6:00	0	32	517	206273
10/21/22 6:30	0	32	517	206273
10/21/22 7:00	0	32	517	206273
10/21/22 7:30	0	32	517	206273
10/21/22 8:00	0	32	517	206273
10/21/22 8:30	0	32	517	206273
10/21/22 9:00	0	32	516	206273
10/21/22 9:30	0	32	517	206273
10/21/22 10:00	0	32	517	206273
10/21/22 10:30	0	32	517	206273
10/21/22 11:00	0	32	517	206273
10/21/22 11:30	0	32	517	206273
10/21/22 12:00	0	32	517	206273
10/21/22 12:30	0	32	517	206273
10/21/22 13:00	0	32	517	206273
10/21/22 13:30	0	32	517	206273
10/21/22 14:00	0	32	517	206273
10/21/22 14:30	0	32	516	206273
10/21/22 15:00	0	33	516	206273
10/21/22 15:30	0	33	516	206273
10/21/22 16:00	0	33	516	206273
10/21/22 16:30	0	33	516	206273
10/21/22 17:00	0	33	517	206273
10/21/22 17:30	0	33	516	206273
10/21/22 18:00	0	33	516	206273
10/21/22 18:30	0	33	516	206273
10/21/22 19:00	0	33	517	206273
10/21/22 19:30	0	33	516	206273
10/21/22 20:00	0	33	516	206273
10/21/22 20:30	0	33	516	206273
10/21/22 21:00	0	33	516	206273
10/21/22 21:30	0	33	516	206273
10/21/22 22:00	0	33	516	206273
10/21/22 22:30	0	33	516	206273
10/21/22 23:00	0	33	516	206273
10/21/22 23:30	0	33	516	206273
10/22/22 0:00	0	33	516	206273
10/22/22 0:30	0	33	516	206273
10/22/22 1:00	0	33	516	206273
10/22/22 1:30	0	33	516	206273
10/22/22 2:00	0	33	516	206273
10/22/22 2:30	0	33	516	206273
10/22/22 3:00	0	33	516	206273
10/22/22 3:30	0	33	516	206273
10/22/22 4:00	0	32	516	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/22/22 4:30	0	33	516	206273
10/22/22 5:00	0	32	516	206273
10/22/22 5:30	0	32	516	206273
10/22/22 6:00	0	32	516	206273
10/22/22 6:30	0	32	516	206273
10/22/22 7:00	0	32	516	206273
10/22/22 7:30	0	32	516	206273
10/22/22 8:00	0	32	516	206273
10/22/22 8:30	0	32	516	206273
10/22/22 9:00	0	32	515	206273
10/22/22 9:30	0	32	516	206273
10/22/22 10:00	0	32	516	206273
10/22/22 10:30	0	32	516	206273
10/22/22 11:00	0	32	516	206273
10/22/22 11:30	0	32	516	206273
10/22/22 12:00	0	32	516	206273
10/22/22 12:30	0	32	516	206273
10/22/22 13:00	0	33	515	206273
10/22/22 13:30	0	33	516	206273
10/22/22 14:00	0	33	516	206273
10/22/22 14:30	0	33	515	206273
10/22/22 15:00	0	33	515	206273
10/22/22 15:30	0	33	516	206273
10/22/22 16:00	0	33	515	206273
10/22/22 16:30	0	33	516	206273
10/22/22 17:00	0	33	515	206273
10/22/22 17:30	0	33	516	206273
10/22/22 18:00	0	34	515	206273
10/22/22 18:30	0	34	516	206273
10/22/22 19:00	0	34	516	206273
10/22/22 19:30	0	34	515	206273
10/22/22 20:00	0	33	515	206273
10/22/22 20:30	0	33	515	206273
10/22/22 21:00	0	33	515	206273
10/22/22 21:30	0	33	515	206273
10/22/22 22:00	0	33	515	206273
10/22/22 22:30	0	33	515	206273
10/22/22 23:00	0	33	515	206273
10/22/22 23:30	0	33	515	206273
10/23/22 0:00	0	33	515	206273
10/23/22 0:30	0	33	515	206273
10/23/22 1:00	0	33	515	206273
10/23/22 1:30	0	33	515	206273
10/23/22 2:00	0	33	515	206273
10/23/22 2:30	0	33	515	206273
10/23/22 3:00	0	33	515	206273
10/23/22 3:30	0	33	515	206273
10/23/22 4:00	0	33	515	206273
10/23/22 4:30	0	33	515	206273
10/23/22 5:00	0	33	515	206273
10/23/22 5:30	0	33	515	206273
10/23/22 6:00	0	33	515	206273
10/23/22 6:30	0	33	515	206273
10/23/22 7:00	0	33	515	206273
10/23/22 7:30	0	33	515	206273
10/23/22 8:00	0	33	515	206273
10/23/22 8:30	0	33	515	206273
10/23/22 9:00	0	33	515	206273
10/23/22 9:30	0	33	515	206273
10/23/22 10:00	0	33	515	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/23/22 10:30	0	33	515	206273
10/23/22 11:00	0	33	515	206273
10/23/22 11:30	0	33	515	206273
10/23/22 12:00	0	33	515	206273
10/23/22 12:30	0	33	515	206273
10/23/22 13:00	0	33	515	206273
10/23/22 13:30	0	33	514	206273
10/23/22 14:00	0	33	515	206273
10/23/22 14:30	0	33	515	206273
10/23/22 15:00	0	33	515	206273
10/23/22 15:30	0	33	515	206273
10/23/22 16:00	0	33	515	206273
10/23/22 16:30	0	33	515	206273
10/23/22 17:00	0	33	515	206273
10/23/22 17:30	0	33	515	206273
10/23/22 18:00	0	33	515	206273
10/23/22 18:30	0	33	515	206273
10/23/22 19:00	0	33	515	206273
10/23/22 19:30	0	33	515	206273
10/23/22 20:00	0	33	514	206273
10/23/22 20:30	0	33	514	206273
10/23/22 21:00	0	33	514	206273
10/23/22 21:30	0	33	514	206273
10/23/22 22:00	0	33	514	206273
10/23/22 22:30	0	33	514	206273
10/23/22 23:00	0	33	514	206273
10/23/22 23:30	0	33	514	206273
10/24/22 0:00	0	33	514	206273
10/24/22 0:30	0	33	514	206273
10/24/22 1:00	0	33	514	206273
10/24/22 1:30	0	33	514	206273
10/24/22 2:00	0	33	514	206273
10/24/22 2:30	0	33	514	206273
10/24/22 3:00	0	32	514	206273
10/24/22 3:30	0	32	514	206273
10/24/22 4:00	0	32	514	206273
10/24/22 4:30	0	32	514	206273
10/24/22 5:00	0	32	514	206273
10/24/22 5:30	0	32	514	206273
10/24/22 6:00	0	32	514	206273
10/24/22 6:30	0	32	514	206273
10/24/22 7:00	0	32	514	206273
10/24/22 7:30	0	32	514	206273
10/24/22 8:00	0	32	514	206273
10/24/22 8:30	0	32	514	206273
10/24/22 9:00	0	32	514	206273
10/24/22 9:30	0	32	514	206273
10/24/22 10:00	0	32	514	206273
10/24/22 10:30	0	32	515	206273
10/24/22 11:00	0	32	514	206273
10/24/22 11:30	0	32	514	206273
10/24/22 12:00	0	32	514	206273
10/24/22 12:30	0	32	514	206273
10/24/22 13:00	0	32	514	206273
10/24/22 13:30	0	32	514	206273
10/24/22 14:00	0	32	514	206273
10/24/22 14:30	0	32	514	206273
10/24/22 15:00	0	32	514	206273
10/24/22 15:30	0	32	514	206273
10/24/22 16:00	0	33	513	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/24/22 16:30	0	33	514	206273
10/24/22 17:00	0	33	514	206273
10/24/22 17:30	0	33	514	206273
10/24/22 18:00	0	33	514	206273
10/24/22 18:30	0	33	514	206273
10/24/22 19:00	0	33	513	206273
10/24/22 19:30	0	33	514	206273
10/24/22 20:00	0	33	513	206273
10/24/22 20:30	0	33	513	206273
10/24/22 21:00	0	33	513	206273
10/24/22 21:30	0	33	513	206273
10/24/22 22:00	0	33	513	206273
10/24/22 22:30	0	32	513	206273
10/24/22 23:00	0	32	513	206273
10/24/22 23:30	0	32	513	206273
10/25/22 0:00	0	32	513	206273
10/25/22 0:30	0	32	513	206273
10/25/22 1:00	0	32	513	206273
10/25/22 1:30	0	32	513	206273
10/25/22 2:00	0	32	513	206273
10/25/22 2:30	0	32	513	206273
10/25/22 3:00	0	32	513	206273
10/25/22 3:30	0	32	513	206273
10/25/22 4:00	0	32	513	206273
10/25/22 4:30	0	32	513	206273
10/25/22 5:00	0	32	513	206273
10/25/22 5:30	0	32	512	206273
10/25/22 6:00	0	32	512	206273
10/25/22 6:30	0	32	512	206273
10/25/22 7:00	0	32	513	206273
10/25/22 7:30	0	32	513	206273
10/25/22 8:00	0	32	512	206273
10/25/22 8:30	0	32	512	206273
10/25/22 9:00	0	31	512	206273
10/25/22 9:30	0	31	513	206273
10/25/22 10:00	0	31	514	206273
10/25/22 10:30	0	31	514	206273
10/25/22 11:00	0	31	513	206273
10/25/22 11:30	0	31	514	206273
10/25/22 12:00	0	32	513	206273
10/25/22 12:30	0	32	514	206273
10/25/22 13:00	0	32	513	206273
10/25/22 13:30	0	32	513	206273
10/25/22 14:00	0	32	513	206273
10/25/22 14:30	0	32	513	206273
10/25/22 15:00	0	32	513	206273
10/25/22 15:30	0	32	513	206273
10/25/22 16:00	0	33	513	206273
10/25/22 16:30	0	33	513	206273
10/25/22 17:00	0	33	513	206273
10/25/22 17:30	0	33	513	206273
10/25/22 18:00	0	33	513	206273
10/25/22 18:30	0	33	513	206273
10/25/22 19:00	0	33	513	206273
10/25/22 19:30	0	33	513	206273
10/25/22 20:00	0	33	512	206273
10/25/22 20:30	0	33	513	206273
10/25/22 21:00	0	33	513	206273
10/25/22 21:30	0	33	513	206273
10/25/22 22:00	0	33	513	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/25/22 22:30	0	33	512	206273
10/25/22 23:00	0	33	513	206273
10/25/22 23:30	0	33	512	206273
10/26/22 0:00	0	33	513	206273
10/26/22 0:30	0	33	512	206273
10/26/22 1:00	0	33	512	206273
10/26/22 1:30	0	33	512	206273
10/26/22 2:00	0	32	512	206273
10/26/22 2:30	0	32	512	206273
10/26/22 3:00	0	32	512	206273
10/26/22 3:30	0	32	512	206273
10/26/22 4:00	0	32	513	206273
10/26/22 4:30	0	32	512	206273
10/26/22 5:00	0	32	512	206273
10/26/22 5:30	0	32	512	206273
10/26/22 6:00	0	32	512	206273
10/26/22 6:30	0	32	512	206273
10/26/22 7:00	0	32	512	206273
10/26/22 7:30	0	32	512	206273
10/26/22 8:00	0	32	512	206273
10/26/22 8:30	0	32	512	206273
10/26/22 9:00	7	32	512	206273
10/26/22 9:30	21	32	512	206273
10/26/22 10:00	0	32	513	206273
10/26/22 10:30	0	32	512	206273
10/26/22 11:00	0	32	513	206273
10/26/22 11:30	0	32	512	206273
10/26/22 12:00	0	32	512	206273
10/26/22 12:30	0	32	512	206273
10/26/22 13:00	0	32	512	206273
10/26/22 13:30	0	32	512	206273
10/26/22 14:00	0	32	512	206273
10/26/22 14:30	0	32	512	206273
10/26/22 15:00	0	32	512	206273
10/26/22 15:30	0	33	512	206273
10/26/22 16:00	0	33	512	206273
10/26/22 16:30	0	33	512	206273
10/26/22 17:00	0	33	512	206273
10/26/22 17:30	0	33	512	206273
10/26/22 18:00	0	33	512	206273
10/26/22 18:30	0	33	512	206273
10/26/22 19:00	0	33	512	206273
10/26/22 19:30	0	33	512	206273
10/26/22 20:00	0	33	511	206273
10/26/22 20:30	0	33	512	206273
10/26/22 21:00	0	33	512	206273
10/26/22 21:30	0	33	512	206273
10/26/22 22:00	0	33	512	206273
10/26/22 22:30	0	33	512	206273
10/26/22 23:00	0	33	512	206273
10/26/22 23:30	0	33	512	206273
10/27/22 0:00	0	33	512	206273
10/27/22 0:30	0	33	512	206273
10/27/22 1:00	0	33	511	206273
10/27/22 1:30	0	32	511	206273
10/27/22 2:00	0	32	512	206273
10/27/22 2:30	0	32	512	206273
10/27/22 3:00	0	32	512	206273
10/27/22 3:30	0	32	511	206273
10/27/22 4:00	0	32	512	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/27/22 4:30	0	32	512	206273
10/27/22 5:00	0	32	511	206273
10/27/22 5:30	0	32	511	206273
10/27/22 6:00	0	32	511	206273
10/27/22 6:30	0	32	511	206273
10/27/22 7:00	0	32	512	206273
10/27/22 7:30	0	32	512	206273
10/27/22 8:00	0	32	511	206273
10/27/22 8:30	0	32	512	206273
10/27/22 9:00	0	32	511	206273
10/27/22 9:30	0	32	512	206273
10/27/22 10:00	0	32	512	206273
10/27/22 10:30	0	32	512	206273
10/27/22 11:00	0	32	511	206273
10/27/22 11:30	0	32	512	206273
10/27/22 12:00	0	32	512	206273
10/27/22 12:30	0	32	511	206273
10/27/22 13:00	0	32	511	206273
10/27/22 13:30	0	32	511	206273
10/27/22 14:00	0	32	511	206273
10/27/22 14:30	0	32	511	206273
10/27/22 15:00	0	32	511	206273
10/27/22 15:30	0	32	512	206273
10/27/22 16:00	0	32	512	206273
10/27/22 16:30	0	32	512	206273
10/27/22 17:00	0	32	512	206273
10/27/22 17:30	0	32	511	206273
10/27/22 18:00	0	32	511	206273
10/27/22 18:30	0	33	511	206273
10/27/22 19:00	0	33	511	206273
10/27/22 19:30	0	33	511	206273
10/27/22 20:00	0	33	511	206273
10/27/22 20:30	0	33	511	206273
10/27/22 21:00	0	33	511	206273
10/27/22 21:30	0	32	511	206273
10/27/22 22:00	0	32	511	206273
10/27/22 22:30	0	32	511	206273
10/27/22 23:00	0	32	511	206273
10/27/22 23:30	0	32	511	206273
10/28/22 0:00	0	32	511	206273
10/28/22 0:30	0	32	511	206273
10/28/22 1:00	0	32	511	206273
10/28/22 1:30	0	32	510	206273
10/28/22 2:00	0	32	510	206273
10/28/22 2:30	0	32	511	206273
10/28/22 3:00	0	32	510	206273
10/28/22 3:30	0	32	510	206273
10/28/22 4:00	0	32	510	206273
10/28/22 4:30	0	32	510	206273
10/28/22 5:00	0	32	510	206273
10/28/22 5:30	0	32	510	206273
10/28/22 6:00	0	32	510	206273
10/28/22 6:30	0	32	510	206273
10/28/22 7:00	0	32	511	206273
10/28/22 7:30	0	32	510	206273
10/28/22 8:00	0	32	510	206273
10/28/22 8:30	0	32	510	206273
10/28/22 9:00	0	32	510	206273
10/28/22 9:30	0	32	510	206273
10/28/22 10:00	0	32	511	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/28/22 10:30	0	32	511	206273
10/28/22 11:00	0	33	511	206273
10/28/22 11:30	0	33	511	206273
10/28/22 12:00	0	32	511	206273
10/28/22 12:30	0	32	511	206273
10/28/22 13:00	0	32	511	206273
10/28/22 13:30	0	32	510	206273
10/28/22 14:00	0	32	511	206273
10/28/22 14:30	0	32	510	206273
10/28/22 15:00	0	32	510	206273
10/28/22 15:30	0	32	510	206273
10/28/22 16:00	0	32	510	206273
10/28/22 16:30	0	33	510	206273
10/28/22 17:00	0	33	510	206273
10/28/22 17:30	0	33	510	206273
10/28/22 18:00	0	33	511	206273
10/28/22 18:30	0	33	510	206273
10/28/22 19:00	0	33	510	206273
10/28/22 19:30	0	33	510	206273
10/28/22 20:00	0	33	510	206273
10/28/22 20:30	0	33	510	206273
10/28/22 21:00	0	33	510	206273
10/28/22 21:30	0	33	510	206273
10/28/22 22:00	0	33	510	206273
10/28/22 22:30	0	33	510	206273
10/28/22 23:00	0	33	510	206273
10/28/22 23:30	0	33	510	206273
10/29/22 0:00	0	33	510	206273
10/29/22 0:30	0	33	510	206273
10/29/22 1:00	0	32	510	206273
10/29/22 1:30	0	32	510	206273
10/29/22 2:00	0	32	510	206273
10/29/22 2:30	0	32	510	206273
10/29/22 3:00	0	32	509	206273
10/29/22 3:30	0	32	510	206273
10/29/22 4:00	0	32	510	206273
10/29/22 4:30	0	32	509	206273
10/29/22 5:00	0	32	510	206273
10/29/22 5:30	0	32	510	206273
10/29/22 6:00	0	32	509	206273
10/29/22 6:30	0	32	510	206273
10/29/22 7:00	0	32	510	206273
10/29/22 7:30	0	32	510	206273
10/29/22 8:00	0	32	509	206273
10/29/22 8:30	0	32	509	206273
10/29/22 9:00	0	32	509	206273
10/29/22 9:30	0	32	509	206273
10/29/22 10:00	0	32	511	206273
10/29/22 10:30	0	32	511	206273
10/29/22 11:00	0	33	510	206273
10/29/22 11:30	0	32	510	206273
10/29/22 12:00	0	32	510	206273
10/29/22 12:30	0	32	510	206273
10/29/22 13:00	0	32	510	206273
10/29/22 13:30	0	32	510	206273
10/29/22 14:00	0	32	510	206273
10/29/22 14:30	0	32	509	206273
10/29/22 15:00	0	32	509	206273
10/29/22 15:30	0	33	510	206273
10/29/22 16:00	0	33	510	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/29/22 16:30	0	33	510	206273
10/29/22 17:00	0	33	509	206273
10/29/22 17:30	0	33	510	206273
10/29/22 18:00	0	33	510	206273
10/29/22 18:30	0	33	510	206273
10/29/22 19:00	0	33	510	206273
10/29/22 19:30	0	33	509	206273
10/29/22 20:00	0	33	510	206273
10/29/22 20:30	0	33	510	206273
10/29/22 21:00	0	33	510	206273
10/29/22 21:30	0	33	510	206273
10/29/22 22:00	0	33	510	206273
10/29/22 22:30	0	33	510	206273
10/29/22 23:00	0	33	509	206273
10/29/22 23:30	0	33	510	206273
10/30/22 0:00	0	33	509	206273
10/30/22 0:30	0	33	509	206273
10/30/22 1:00	0	33	510	206273
10/30/22 1:30	0	33	509	206273
10/30/22 2:00	0	33	509	206273
10/30/22 2:30	0	33	509	206273
10/30/22 3:00	0	33	510	206273
10/30/22 3:30	0	33	509	206273
10/30/22 4:00	0	33	509	206273
10/30/22 4:30	0	32	509	206273
10/30/22 5:00	0	32	509	206273
10/30/22 5:30	0	32	509	206273
10/30/22 6:00	0	32	509	206273
10/30/22 6:30	0	32	508	206273
10/30/22 7:00	0	32	509	206273
10/30/22 7:30	0	32	509	206273
10/30/22 8:00	0	32	509	206273
10/30/22 8:30	0	32	509	206273
10/30/22 9:00	0	32	509	206273
10/30/22 9:30	0	32	509	206273
10/30/22 10:00	0	32	510	206273
10/30/22 10:30	0	33	509	206273
10/30/22 11:00	0	32	510	206273
10/30/22 11:30	0	32	509	206273
10/30/22 12:00	0	32	510	206273
10/30/22 12:30	0	32	510	206273
10/30/22 13:00	0	32	510	206273
10/30/22 13:30	0	32	509	206273
10/30/22 14:00	0	32	509	206273
10/30/22 14:30	0	33	509	206273
10/30/22 15:00	0	33	509	206273
10/30/22 15:30	0	33	509	206273
10/30/22 16:00	0	33	509	206273
10/30/22 16:30	0	33	508	206273
10/30/22 17:00	0	33	509	206273
10/30/22 17:30	0	33	509	206273
10/30/22 18:00	0	33	509	206273
10/30/22 18:30	0	33	509	206273
10/30/22 19:00	0	33	509	206273
10/30/22 19:30	0	33	509	206273
10/30/22 20:00	0	33	508	206273
10/30/22 20:30	0	33	509	206273
10/30/22 21:00	0	33	509	206273
10/30/22 21:30	0	33	509	206273
10/30/22 22:00	0	33	509	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/30/22 22:30	0	33	509	206273
10/30/22 23:00	0	33	509	206273
10/30/22 23:30	0	33	509	206273
10/31/22 0:00	0	33	508	206273
10/31/22 0:30	0	33	509	206273
10/31/22 1:00	0	33	509	206273
10/31/22 1:30	0	33	509	206273
10/31/22 2:00	0	33	509	206273
10/31/22 2:30	0	33	508	206273
10/31/22 3:00	0	33	508	206273
10/31/22 3:30	0	33	508	206273
10/31/22 4:00	0	32	509	206273
10/31/22 4:30	0	32	508	206273
10/31/22 5:00	0	32	509	206273
10/31/22 5:30	0	32	508	206273
10/31/22 6:00	0	32	508	206273
10/31/22 6:30	0	32	509	206273
10/31/22 7:00	0	32	508	206273
10/31/22 7:30	0	32	508	206273
10/31/22 8:00	0	32	508	206273
10/31/22 8:30	0	32	508	206273
10/31/22 9:00	0	33	508	206273
10/31/22 9:30	0	32	508	206273
10/31/22 10:00	0	33	509	206273
10/31/22 10:30	0	33	509	206273
10/31/22 11:00	0	32	509	206273
10/31/22 11:30	0	32	509	206273
10/31/22 12:00	0	32	509	206273
10/31/22 12:30	0	32	509	206273
10/31/22 13:00	0	32	509	206273
10/31/22 13:30	0	33	509	206273
10/31/22 14:00	0	33	508	206273
10/31/22 14:30	0	33	508	206273
10/31/22 15:00	0	33	508	206273
10/31/22 15:30	0	33	508	206273
10/31/22 16:00	0	33	508	206273
10/31/22 16:30	0	33	509	206273
10/31/22 17:00	0	33	508	206273
10/31/22 17:30	0	33	508	206273
10/31/22 18:00	0	33	508	206273
10/31/22 18:30	0	33	508	206273
10/31/22 19:00	0	33	508	206273
10/31/22 19:30	0	33	508	206273
10/31/22 20:00	0	33	508	206273
10/31/22 20:30	0	33	508	206273
10/31/22 21:00	0	33	508	206273
10/31/22 21:30	0	33	508	206273
10/31/22 22:00	0	33	508	206273
10/31/22 22:30	0	33	508	206273
10/31/22 23:00	0	33	508	206273
10/31/22 23:30	0	33	508	206273
11/1/22 0:00	0	33	508	206273
11/1/22 0:30	0	33	508	206273
11/1/22 1:00	0	33	508	206273
11/1/22 1:30	0	33	508	206273
11/1/22 2:00	0	33	508	206273
11/1/22 2:30	0	33	508	206273
11/1/22 3:00	0	33	508	206273
11/1/22 3:30	0	33	508	206273
11/1/22 4:00	0	33	508	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/1/22 4:30	0	33	508	206273
11/1/22 5:00	0	33	508	206273
11/1/22 5:30	0	33	508	206273
11/1/22 6:00	0	33	508	206273
11/1/22 6:30	0	33	508	206273
11/1/22 7:00	0	33	508	206273
11/1/22 7:30	0	33	508	206273
11/1/22 8:00	0	33	508	206273
11/1/22 8:30	0	33	508	206273
11/1/22 9:00	0	33	508	206273
11/1/22 9:30	0	33	508	206273
11/1/22 10:00	0	33	508	206273
11/1/22 10:30	0	33	508	206273
11/1/22 11:00	0	33	508	206273
11/1/22 11:30	0	33	508	206273
11/1/22 12:00	0	33	508	206273
11/1/22 12:30	0	33	508	206273
11/1/22 13:00	0	33	508	206273
11/1/22 13:30	0	33	508	206273
11/1/22 14:00	0	33	508	206273
11/1/22 14:30	0	33	508	206273
11/1/22 15:00	0	33	508	206273
11/1/22 15:30	0	33	508	206273
11/1/22 16:00	0	33	508	206273
11/1/22 16:30	0	33	508	206273
11/1/22 17:00	0	33	507	206273
11/1/22 17:30	0	33	507	206273
11/1/22 18:00	0	33	507	206273
11/1/22 18:30	0	33	508	206273
11/1/22 19:00	0	33	508	206273
11/1/22 19:30	0	33	507	206273
11/1/22 20:00	0	33	507	206273
11/1/22 20:30	0	33	507	206273
11/1/22 21:00	0	33	508	206273
11/1/22 21:30	0	33	508	206273
11/1/22 22:00	0	33	507	206273
11/1/22 22:30	0	33	507	206273
11/1/22 23:00	0	33	507	206273
11/1/22 23:30	0	33	507	206273
11/2/22 0:00	0	33	507	206273
11/2/22 0:30	0	33	507	206273
11/2/22 1:00	0	33	507	206273
11/2/22 1:30	0	33	508	206273
11/2/22 2:00	0	33	507	206273
11/2/22 2:30	0	33	507	206273
11/2/22 3:00	0	33	507	206273
11/2/22 3:30	0	33	507	206273
11/2/22 4:00	0	33	507	206273
11/2/22 4:30	0	33	507	206273
11/2/22 5:00	0	33	507	206273
11/2/22 5:30	0	33	507	206273
11/2/22 6:00	0	33	507	206273
11/2/22 6:30	0	33	507	206273
11/2/22 7:00	0	33	507	206273
11/2/22 7:30	0	33	507	206273
11/2/22 8:00	0	33	507	206273
11/2/22 8:30	0	33	507	206273
11/2/22 9:00	0	33	507	206273
11/2/22 9:30	0	33	507	206273
11/2/22 10:00	0	33	507	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/2/22 10:30	0	33	507	206273
11/2/22 11:00	0	33	508	206273
11/2/22 11:30	0	33	508	206273
11/2/22 12:00	0	33	507	206273
11/2/22 12:30	0	33	507	206273
11/2/22 13:00	0	33	507	206273
11/2/22 13:30	0	33	507	206273
11/2/22 14:00	0	33	507	206273
11/2/22 14:30	0	33	507	206273
11/2/22 15:00	0	33	507	206273
11/2/22 15:30	0	33	507	206273
11/2/22 16:00	0	33	507	206273
11/2/22 16:30	0	33	507	206273
11/2/22 17:00	0	33	507	206273
11/2/22 17:30	0	34	507	206273
11/2/22 18:00	0	34	507	206273
11/2/22 18:30	0	34	507	206273
11/2/22 19:00	0	34	507	206273
11/2/22 19:30	0	34	507	206273
11/2/22 20:00	0	34	507	206273
11/2/22 20:30	0	34	507	206273
11/2/22 21:00	0	34	507	206273
11/2/22 21:30	0	34	507	206273
11/2/22 22:00	0	34	507	206273
11/2/22 22:30	0	34	507	206273
11/2/22 23:00	0	34	507	206273
11/2/22 23:30	0	34	507	206273
11/3/22 0:00	0	34	507	206273
11/3/22 0:30	0	34	507	206273
11/3/22 1:00	0	34	507	206273
11/3/22 1:30	0	34	507	206273
11/3/22 2:00	0	34	507	206273
11/3/22 2:30	0	34	507	206273
11/3/22 3:00	0	34	507	206273
11/3/22 3:30	0	34	507	206273
11/3/22 4:00	0	34	507	206273
11/3/22 4:30	0	34	507	206273
11/3/22 5:00	0	34	507	206273
11/3/22 5:30	0	34	507	206273
11/3/22 6:00	0	34	507	206273
11/3/22 6:30	0	34	507	206273
11/3/22 7:00	0	34	507	206273
11/3/22 7:30	0	34	507	206273
11/3/22 8:00	0	34	507	206273
11/3/22 8:30	0	34	507	206273
11/3/22 9:00	0	33	507	206273
11/3/22 9:30	0	33	507	206273
11/3/22 10:00	0	33	507	206273
11/3/22 10:30	0	33	507	206273
11/3/22 11:00	0	33	507	206273
11/3/22 11:30	0	33	507	206273
11/3/22 12:00	0	33	507	206273
11/3/22 12:30	0	33	507	206273
11/3/22 13:00	0	33	506	206273
11/3/22 13:30	0	33	506	206273
11/3/22 14:00	0	33	506	206273
11/3/22 14:30	0	33	506	206273
11/3/22 15:00	0	33	506	206273
11/3/22 15:30	0	33	506	206273
11/3/22 16:00	0	33	506	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/3/22 16:30	0	33	507	206273
11/3/22 17:00	0	33	506	206273
11/3/22 17:30	0	34	506	206273
11/3/22 18:00	0	34	506	206273
11/3/22 18:30	0	34	506	206273
11/3/22 19:00	0	34	506	206273
11/3/22 19:30	0	34	506	206273
11/3/22 20:00	0	34	506	206273
11/3/22 20:30	0	34	506	206273
11/3/22 21:00	0	33	506	206273
11/3/22 21:30	0	33	506	206273
11/3/22 22:00	0	33	506	206273
11/3/22 22:30	0	33	506	206273
11/3/22 23:00	0	33	506	206273
11/3/22 23:30	0	33	506	206273
11/4/22 0:00	0	33	506	206273
11/4/22 0:30	0	33	506	206273
11/4/22 1:00	0	33	506	206273
11/4/22 1:30	0	33	506	206273
11/4/22 2:00	0	33	506	206273
11/4/22 2:30	0	33	506	206273
11/4/22 3:00	0	33	506	206273
11/4/22 3:30	0	33	506	206273
11/4/22 4:00	0	33	506	206273
11/4/22 4:30	0	33	506	206273
11/4/22 5:00	0	33	506	206273
11/4/22 5:30	0	33	506	206273
11/4/22 6:00	0	33	506	206273
11/4/22 6:30	0	33	506	206273
11/4/22 7:00	0	33	506	206273
11/4/22 7:30	0	33	506	206273
11/4/22 8:00	0	33	506	206273
11/4/22 8:30	0	33	506	206273
11/4/22 9:00	0	33	506	206273
11/4/22 9:30	0	33	506	206273
11/4/22 10:00	0	33	506	206273
11/4/22 10:30	0	33	506	206273
11/4/22 11:00	0	33	506	206273
11/4/22 11:30	0	33	506	206273
11/4/22 12:00	0	33	506	206273
11/4/22 12:30	0	33	506	206273
11/4/22 13:00	0	33	506	206273
11/4/22 13:30	0	33	506	206273
11/4/22 14:00	0	33	506	206273
11/4/22 14:30	0	33	506	206273
11/4/22 15:00	0	33	506	206273
11/4/22 15:30	0	33	506	206273
11/4/22 16:00	0	33	506	206273
11/4/22 16:30	0	33	506	206273
11/4/22 17:00	0	33	506	206273
11/4/22 17:30	0	33	506	206273
11/4/22 18:00	0	34	506	206273
11/4/22 18:30	0	34	506	206273
11/4/22 19:00	0	34	506	206273
11/4/22 19:30	0	34	506	206273
11/4/22 20:00	0	34	505	206273
11/4/22 20:30	0	34	505	206273
11/4/22 21:00	0	34	505	206273
11/4/22 21:30	0	34	505	206273
11/4/22 22:00	0	34	505	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/4/22 22:30	0	34	505	206273
11/4/22 23:00	0	34	505	206273
11/4/22 23:30	0	34	505	206273
11/5/22 0:00	0	34	505	206273
11/5/22 0:30	0	34	505	206273
11/5/22 1:00	0	33	505	206273
11/5/22 1:30	0	33	505	206273
11/5/22 2:00	0	33	505	206273
11/5/22 2:30	0	33	505	206273
11/5/22 3:00	0	33	505	206273
11/5/22 3:30	0	33	505	206273
11/5/22 4:00	0	33	505	206273
11/5/22 4:30	0	33	505	206273
11/5/22 5:00	0	33	505	206273
11/5/22 5:30	0	33	505	206273
11/5/22 6:00	0	33	505	206273
11/5/22 6:30	0	33	505	206273
11/5/22 7:00	0	33	505	206273
11/5/22 7:30	0	33	505	206273
11/5/22 8:00	0	33	505	206273
11/5/22 8:30	0	33	505	206273
11/5/22 9:00	0	33	505	206273
11/5/22 9:30	0	33	505	206273
11/5/22 10:00	0	33	505	206273
11/5/22 10:30	0	33	505	206273
11/5/22 11:00	0	33	506	206273
11/5/22 11:30	0	33	506	206273
11/5/22 12:00	0	33	505	206273
11/5/22 12:30	0	33	506	206273
11/5/22 13:00	0	33	506	206273
11/5/22 13:30	0	33	505	206273
11/5/22 14:00	0	33	505	206273
11/5/22 14:30	0	34	505	206273
11/5/22 15:00	0	34	505	206273
11/5/22 15:30	0	34	505	206273
11/5/22 16:00	0	34	505	206273
11/5/22 16:30	0	34	505	206273
11/5/22 17:00	0	34	505	206273
11/5/22 17:30	0	34	505	206273
11/5/22 18:00	0	34	505	206273
11/5/22 18:30	0	34	505	206273
11/5/22 19:00	0	34	505	206273
11/5/22 19:30	0	34	505	206273
11/5/22 20:00	0	34	505	206273
11/5/22 20:30	0	34	505	206273
11/5/22 21:00	0	34	505	206273
11/5/22 21:30	0	34	505	206273
11/5/22 22:00	0	34	505	206273
11/5/22 22:30	0	34	505	206273
11/5/22 23:00	0	34	505	206273
11/5/22 23:30	0	34	505	206273
11/6/22 0:00	0	34	505	206273
11/6/22 0:30	0	34	505	206273
11/6/22 1:00	0	34	505	206273
11/6/22 1:30	0	34	505	206273
11/6/22 1:00	0	34	505	206273
11/6/22 1:30	0	34	505	206273
11/6/22 2:00	0	34	505	206273
11/6/22 2:30	0	34	505	206273
11/6/22 3:00	0	34	505	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/6/22 3:30	0	34	505	206273
11/6/22 4:00	0	34	505	206273
11/6/22 4:30	0	34	505	206273
11/6/22 5:00	0	34	505	206273
11/6/22 5:30	0	34	505	206273
11/6/22 6:00	0	34	505	206273
11/6/22 6:30	0	34	505	206273
11/6/22 7:00	0	34	505	206273
11/6/22 7:30	0	34	505	206273
11/6/22 8:00	0	34	505	206273
11/6/22 8:30	0	34	505	206273
11/6/22 9:00	0	34	505	206273
11/6/22 9:30	0	34	505	206273
11/6/22 10:00	0	34	505	206273
11/6/22 10:30	0	34	505	206273
11/6/22 11:00	0	34	505	206273
11/6/22 11:30	0	34	505	206273
11/6/22 12:00	0	34	505	206273
11/6/22 12:30	0	34	505	206273
11/6/22 13:00	0	34	505	206273
11/6/22 13:30	0	34	505	206273
11/6/22 14:00	0	34	505	206273
11/6/22 14:30	0	34	505	206273
11/6/22 15:00	0	34	505	206273
11/6/22 15:30	0	34	505	206273
11/6/22 16:00	0	34	505	206273
11/6/22 16:30	0	34	505	206273
11/6/22 17:00	0	34	504	206273
11/6/22 17:30	0	34	504	206273
11/6/22 18:00	0	34	504	206273
11/6/22 18:30	0	34	504	206273
11/6/22 19:00	0	34	504	206273
11/6/22 19:30	0	34	504	206273
11/6/22 20:00	0	34	504	206273
11/6/22 20:30	0	34	504	206273
11/6/22 21:00	0	34	504	206273
11/6/22 21:30	0	34	504	206273
11/6/22 22:00	0	34	504	206273
11/6/22 22:30	0	34	504	206273
11/6/22 23:00	0	34	504	206273
11/6/22 23:30	0	34	504	206273
11/7/22 0:00	0	34	504	206273
11/7/22 0:30	0	34	504	206273
11/7/22 1:00	0	34	504	206273
11/7/22 1:30	0	34	504	206273
11/7/22 2:00	0	34	504	206273
11/7/22 2:30	0	34	504	206273
11/7/22 3:00	0	34	504	206273
11/7/22 3:30	0	34	504	206273
11/7/22 4:00	0	34	504	206273
11/7/22 4:30	0	34	504	206273
11/7/22 5:00	0	34	504	206273
11/7/22 5:30	0	34	504	206273
11/7/22 6:00	0	34	504	206273
11/7/22 6:30	0	34	504	206273
11/7/22 7:00	0	34	504	206273
11/7/22 7:30	0	34	504	206273
11/7/22 8:00	0	34	504	206273
11/7/22 8:30	0	34	504	206273
11/7/22 9:00	0	34	504	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/7/22 9:30	0	34	504	206273
11/7/22 10:00	0	34	505	206273
11/7/22 10:30	0	34	505	206273
11/7/22 11:00	0	34	504	206273
11/7/22 11:30	0	34	504	206273
11/7/22 12:00	0	34	504	206273
11/7/22 12:30	0	34	504	206273
11/7/22 13:00	0	34	504	206273
11/7/22 13:30	0	34	504	206273
11/7/22 14:00	0	34	504	206273
11/7/22 14:30	0	34	504	206273
11/7/22 15:00	0	34	504	206273
11/7/22 15:30	0	34	504	206273
11/7/22 16:00	0	35	504	206273
11/7/22 16:30	0	35	504	206273
11/7/22 17:00	0	35	504	206273
11/7/22 17:30	0	35	504	206273
11/7/22 18:00	0	35	504	206273
11/7/22 18:30	0	35	504	206273
11/7/22 19:00	0	35	504	206273
11/7/22 19:30	0	35	504	206273
11/7/22 20:00	0	35	504	206273
11/7/22 20:30	0	35	504	206273
11/7/22 21:00	0	35	504	206273
11/7/22 21:30	0	35	504	206273
11/7/22 22:00	0	35	504	206273
11/7/22 22:30	0	35	504	206273
11/7/22 23:00	0	35	504	206273
11/7/22 23:30	0	35	504	206273
11/8/22 0:00	0	35	504	206273
11/8/22 0:30	0	35	504	206273
11/8/22 1:00	0	35	504	206273
11/8/22 1:30	0	35	504	206273
11/8/22 2:00	0	35	504	206273
11/8/22 2:30	0	35	504	206273
11/8/22 3:00	0	35	504	206273
11/8/22 3:30	0	35	504	206273
11/8/22 4:00	0	35	504	206273
11/8/22 4:30	0	35	504	206273
11/8/22 5:00	0	35	504	206273
11/8/22 5:30	0	35	504	206273
11/8/22 6:00	0	35	504	206273
11/8/22 6:30	0	35	504	206273
11/8/22 7:00	0	35	504	206273
11/8/22 7:30	0	35	504	206273
11/8/22 8:00	0	35	504	206273
11/8/22 8:30	0	35	504	206273
11/8/22 9:00	0	35	504	206273
11/8/22 9:30	0	35	504	206273
11/8/22 10:00	0	35	504	206273
11/8/22 10:30	0	35	504	206273
11/8/22 11:00	0	35	504	206273
11/8/22 11:30	0	35	504	206273
11/8/22 12:00	0	35	504	206273
11/8/22 12:30	0	35	504	206273
11/8/22 13:00	0	35	504	206273
11/8/22 13:30	0	35	504	206273
11/8/22 14:00	0	35	504	206273
11/8/22 14:30	0	35	503	206273
11/8/22 15:00	0	35	504	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/8/22 15:30	0	35	503	206273
11/8/22 16:00	0	35	503	206273
11/8/22 16:30	0	35	503	206273
11/8/22 17:00	0	35	503	206273
11/8/22 17:30	0	35	503	206273
11/8/22 18:00	0	35	503	206273
11/8/22 18:30	0	35	503	206273
11/8/22 19:00	0	35	503	206273
11/8/22 19:30	0	35	503	206273
11/8/22 20:00	0	35	503	206273
11/8/22 20:30	0	35	503	206273
11/8/22 21:00	0	35	503	206273
11/8/22 21:30	0	35	503	206273
11/8/22 22:00	0	35	503	206273
11/8/22 22:30	0	35	503	206273
11/8/22 23:00	0	35	503	206273
11/8/22 23:30	0	35	503	206273
11/9/22 0:00	0	35	503	206273
11/9/22 0:30	0	35	503	206273
11/9/22 1:00	0	35	503	206273
11/9/22 1:30	0	35	503	206273
11/9/22 2:00	0	35	503	206273
11/9/22 2:30	0	35	503	206273
11/9/22 3:00	0	35	503	206273
11/9/22 3:30	0	35	503	206273
11/9/22 4:00	0	35	503	206273
11/9/22 4:30	0	35	503	206273
11/9/22 5:00	0	35	503	206273
11/9/22 5:30	0	35	503	206273
11/9/22 6:00	0	35	503	206273
11/9/22 6:30	0	35	503	206273
11/9/22 7:00	0	35	503	206273
11/9/22 7:30	0	35	503	206273
11/9/22 8:00	0	35	503	206273
11/9/22 8:30	0	35	503	206273
11/9/22 9:00	0	35	503	206273
11/9/22 9:30	0	35	503	206273
11/9/22 10:00	0	35	504	206273
11/9/22 10:30	0	35	503	206273
11/9/22 11:00	0	35	504	206273
11/9/22 11:30	0	35	503	206273
11/9/22 12:00	0	35	503	206273
11/9/22 12:30	0	35	503	206273
11/9/22 13:00	0	35	503	206273
11/9/22 13:30	0	35	503	206273
11/9/22 14:00	0	35	503	206273
11/9/22 14:30	0	35	503	206273
11/9/22 15:00	0	35	503	206273
11/9/22 15:30	0	35	503	206273
11/9/22 16:00	0	35	503	206273
11/9/22 16:30	0	35	503	206273
11/9/22 17:00	0	35	503	206273
11/9/22 17:30	0	35	503	206273
11/9/22 18:00	0	35	503	206273
11/9/22 18:30	0	35	503	206273
11/9/22 19:00	0	35	503	206273
11/9/22 19:30	0	35	503	206273
11/9/22 20:00	0	35	503	206273
11/9/22 20:30	0	35	503	206273
11/9/22 21:00	0	35	503	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/9/22 21:30	0	35	503	206273
11/9/22 22:00	0	35	503	206273
11/9/22 22:30	0	35	503	206273
11/9/22 23:00	0	35	503	206273
11/9/22 23:30	0	35	503	206273
11/10/22 0:00	0	35	503	206273
11/10/22 0:30	0	35	503	206273
11/10/22 1:00	0	35	503	206273
11/10/22 1:30	0	35	503	206273
11/10/22 2:00	0	35	503	206273
11/10/22 2:30	0	35	503	206273
11/10/22 3:00	0	35	502	206273
11/10/22 3:30	0	35	502	206273
11/10/22 4:00	0	35	502	206273
11/10/22 4:30	0	35	502	206273
11/10/22 5:00	0	35	502	206273
11/10/22 5:30	0	35	502	206273
11/10/22 6:00	0	35	502	206273
11/10/22 6:30	0	35	503	206273
11/10/22 7:00	0	35	502	206273
11/10/22 7:30	0	35	502	206273
11/10/22 8:00	0	35	502	206273
11/10/22 8:30	0	35	502	206273
11/10/22 9:00	0	35	502	206273
11/10/22 9:30	0	35	503	206273
11/10/22 10:00	0	35	503	206273
11/10/22 10:30	0	35	503	206273
11/10/22 11:00	0	35	503	206273
11/10/22 11:30	0	36	502	206273
11/10/22 12:00	0	36	502	206273
11/10/22 12:30	0	36	503	206273
11/10/22 13:00	0	36	502	206273
11/10/22 13:30	0	36	502	206273
11/10/22 14:00	0	36	502	206273
11/10/22 14:30	0	36	502	206273
11/10/22 15:00	0	36	502	206273
11/10/22 15:30	0	36	502	206273
11/10/22 16:00	0	36	502	206273
11/10/22 16:30	0	36	502	206273
11/10/22 17:00	0	36	502	206273
11/10/22 17:30	0	36	502	206273
11/10/22 18:00	0	36	502	206273
11/10/22 18:30	0	36	502	206273
11/10/22 19:00	0	36	502	206273
11/10/22 19:30	0	35	502	206273
11/10/22 20:00	0	35	502	206273
11/10/22 20:30	0	35	502	206273
11/10/22 21:00	0	35	502	206273
11/10/22 21:30	0	35	502	206273
11/10/22 22:00	0	35	502	206273
11/10/22 22:30	0	35	502	206273
11/10/22 23:00	0	35	502	206273
11/10/22 23:30	0	35	502	206273
11/11/22 0:00	0	35	502	206273
11/11/22 0:30	0	35	502	206273
11/11/22 1:00	0	35	502	206273
11/11/22 1:30	0	35	502	206273
11/11/22 2:00	0	35	502	206273
11/11/22 2:30	0	35	502	206273
11/11/22 3:00	0	35	502	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/11/22 3:30	0	35	502	206273
11/11/22 4:00	0	35	502	206273
11/11/22 4:30	0	35	502	206273
11/11/22 5:00	0	35	502	206273
11/11/22 5:30	0	35	502	206273
11/11/22 6:00	0	35	502	206273
11/11/22 6:30	0	35	502	206273
11/11/22 7:00	0	35	502	206273
11/11/22 7:30	0	35	502	206273
11/11/22 8:00	0	35	502	206273
11/11/22 8:30	0	35	502	206273
11/11/22 9:00	0	35	502	206273
11/11/22 9:30	0	35	502	206273
11/11/22 10:00	0	35	503	206273
11/11/22 10:30	0	35	502	206273
11/11/22 11:00	0	35	502	206273
11/11/22 11:30	0	35	502	206273
11/11/22 12:00	0	35	502	206273
11/11/22 12:30	0	35	502	206273
11/11/22 13:00	0	35	502	206273
11/11/22 13:30	0	35	502	206273
11/11/22 14:00	0	35	502	206273
11/11/22 14:30	0	35	502	206273
11/11/22 15:00	0	35	502	206273
11/11/22 15:30	0	35	502	206273
11/11/22 16:00	0	35	502	206273
11/11/22 16:30	0	35	502	206273
11/11/22 17:00	0	35	502	206273
11/11/22 17:30	0	35	501	206273
11/11/22 18:00	0	35	502	206273
11/11/22 18:30	0	35	501	206273
11/11/22 19:00	0	35	501	206273
11/11/22 19:30	0	35	501	206273
11/11/22 20:00	0	35	501	206273
11/11/22 20:30	0	35	502	206273
11/11/22 21:00	0	35	502	206273
11/11/22 21:30	0	35	502	206273
11/11/22 22:00	0	35	502	206273
11/11/22 22:30	0	35	502	206273
11/11/22 23:00	0	35	502	206273
11/11/22 23:30	0	35	502	206273
11/12/22 0:00	0	35	501	206273
11/12/22 0:30	0	35	501	206273
11/12/22 1:00	0	35	501	206273
11/12/22 1:30	0	35	501	206273
11/12/22 2:00	0	35	501	206273
11/12/22 2:30	0	35	501	206273
11/12/22 3:00	0	35	501	206273
11/12/22 3:30	0	35	501	206273
11/12/22 4:00	0	35	501	206273
11/12/22 4:30	0	35	501	206273
11/12/22 5:00	0	35	501	206273
11/12/22 5:30	0	35	501	206273
11/12/22 6:00	0	35	501	206273
11/12/22 6:30	0	35	501	206273
11/12/22 7:00	0	35	501	206273
11/12/22 7:30	0	35	501	206273
11/12/22 8:00	0	35	501	206273
11/12/22 8:30	0	35	501	206273
11/12/22 9:00	0	35	501	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/12/22 9:30	0	35	501	206273
11/12/22 10:00	0	35	502	206273
11/12/22 10:30	0	35	502	206273
11/12/22 11:00	0	35	502	206273
11/12/22 11:30	0	35	502	206273
11/12/22 12:00	0	35	502	206273
11/12/22 12:30	0	35	502	206273
11/12/22 13:00	0	35	502	206273
11/12/22 13:30	0	35	502	206273
11/12/22 14:00	0	35	502	206273
11/12/22 14:30	0	35	501	206273
11/12/22 15:00	0	36	501	206273
11/12/22 15:30	0	36	501	206273
11/12/22 16:00	0	36	501	206273
11/12/22 16:30	0	36	501	206273
11/12/22 17:00	0	36	501	206273
11/12/22 17:30	0	36	501	206273
11/12/22 18:00	0	36	501	206273
11/12/22 18:30	0	36	501	206273
11/12/22 19:00	0	36	501	206273
11/12/22 19:30	0	36	501	206273
11/12/22 20:00	0	36	501	206273
11/12/22 20:30	0	36	501	206273
11/12/22 21:00	0	36	501	206273
11/12/22 21:30	0	36	501	206273
11/12/22 22:00	0	36	501	206273
11/12/22 22:30	0	36	501	206273
11/12/22 23:00	0	36	501	206273
11/12/22 23:30	0	36	501	206273
11/13/22 0:00	0	36	501	206273
11/13/22 0:30	0	36	501	206273
11/13/22 1:00	0	36	501	206273
11/13/22 1:30	0	36	501	206273
11/13/22 2:00	0	36	501	206273
11/13/22 2:30	0	36	501	206273
11/13/22 3:00	0	36	501	206273
11/13/22 3:30	0	36	501	206273
11/13/22 4:00	0	36	501	206273
11/13/22 4:30	0	36	501	206273
11/13/22 5:00	0	36	501	206273
11/13/22 5:30	0	36	501	206273
11/13/22 6:00	0	36	501	206273
11/13/22 6:30	0	36	501	206273
11/13/22 7:00	0	36	501	206273
11/13/22 7:30	0	36	501	206273
11/13/22 8:00	0	36	501	206273
11/13/22 8:30	0	36	501	206273
11/13/22 9:00	0	36	501	206273
11/13/22 9:30	0	36	501	206273
11/13/22 10:00	0	36	502	206273
11/13/22 10:30	0	36	501	206273
11/13/22 11:00	0	36	501	206273
11/13/22 11:30	0	36	501	206273
11/13/22 12:00	0	36	501	206273
11/13/22 12:30	0	36	501	206273
11/13/22 13:00	0	36	501	206273
11/13/22 13:30	0	36	501	206273
11/13/22 14:00	0	36	501	206273
11/13/22 14:30	0	36	501	206273
11/13/22 15:00	0	36	501	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/13/22 15:30	0	36	501	206273
11/13/22 16:00	0	36	500	206273
11/13/22 16:30	0	36	501	206273
11/13/22 17:00	0	36	501	206273
11/13/22 17:30	0	36	501	206273
11/13/22 18:00	0	36	501	206273
11/13/22 18:30	0	36	501	206273
11/13/22 19:00	0	36	501	206273
11/13/22 19:30	0	36	501	206273
11/13/22 20:00	0	36	501	206273
11/13/22 20:30	0	36	501	206273
11/13/22 21:00	0	36	501	206273
11/13/22 21:30	0	36	501	206273
11/13/22 22:00	0	36	501	206273
11/13/22 22:30	0	36	501	206273
11/13/22 23:00	0	36	501	206273
11/13/22 23:30	0	36	501	206273
11/14/22 0:00	0	36	501	206273
11/14/22 0:30	0	36	501	206273
11/14/22 1:00	0	36	501	206273
11/14/22 1:30	0	36	501	206273
11/14/22 2:00	0	36	501	206273
11/14/22 2:30	0	36	501	206273
11/14/22 3:00	0	36	501	206273
11/14/22 3:30	0	36	500	206273
11/14/22 4:00	0	36	501	206273
11/14/22 4:30	0	36	501	206273
11/14/22 5:00	0	36	500	206273
11/14/22 5:30	0	36	500	206273
11/14/22 6:00	0	36	500	206273
11/14/22 6:30	0	36	500	206273
11/14/22 7:00	0	36	500	206273
11/14/22 7:30	0	36	500	206273
11/14/22 8:00	0	36	500	206273
11/14/22 8:30	0	36	500	206273
11/14/22 9:00	0	36	500	206273
11/14/22 9:30	0	36	501	206273
11/14/22 10:00	0	36	501	206273
11/14/22 10:30	0	36	501	206273
11/14/22 11:00	0	36	501	206273
11/14/22 11:30	0	36	501	206273
11/14/22 12:00	0	36	501	206273
11/14/22 12:30	0	36	500	206273
11/14/22 13:00	0	36	500	206273
11/14/22 13:30	0	36	500	206273
11/14/22 14:00	0	36	500	206273
11/14/22 14:30	0	36	500	206273
11/14/22 15:00	0	36	500	206273
11/14/22 15:30	0	36	500	206273
11/14/22 16:00	0	36	500	206273
11/14/22 16:30	0	36	500	206273
11/14/22 17:00	0	36	500	206273
11/14/22 17:30	0	36	500	206273
11/14/22 18:00	0	36	500	206273
11/14/22 18:30	0	36	500	206273
11/14/22 19:00	0	36	500	206273
11/14/22 19:30	0	36	500	206273
11/14/22 20:00	0	36	500	206273
11/14/22 20:30	0	36	500	206273
11/14/22 21:00	0	36	500	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/14/22 21:30	0	36	500	206273
11/14/22 22:00	0	36	500	206273
11/14/22 22:30	0	36	500	206273
11/14/22 23:00	0	36	500	206273
11/14/22 23:30	0	36	500	206273
11/15/22 0:00	0	36	500	206273
11/15/22 0:30	0	36	500	206273
11/15/22 1:00	0	36	500	206273
11/15/22 1:30	0	36	500	206273
11/15/22 2:00	0	36	500	206273
11/15/22 2:30	0	36	500	206273
11/15/22 3:00	0	36	500	206273
11/15/22 3:30	0	36	500	206273
11/15/22 4:00	0	36	500	206273
11/15/22 4:30	0	36	500	206273
11/15/22 5:00	0	36	500	206273
11/15/22 5:30	0	36	500	206273
11/15/22 6:00	0	36	499	206273
11/15/22 6:30	0	36	499	206273
11/15/22 7:00	0	36	499	206273
11/15/22 7:30	0	36	499	206273
11/15/22 8:00	0	36	499	206273
11/15/22 8:30	0	36	499	206273
11/15/22 9:00	0	36	499	206273
11/15/22 9:30	0	36	500	206273
11/15/22 10:00	0	36	500	206273
11/15/22 10:30	0	36	500	206273
11/15/22 11:00	0	36	501	206273
11/15/22 11:30	0	36	500	206273
11/15/22 12:00	0	36	500	206273
11/15/22 12:30	0	36	500	206273
11/15/22 13:00	0	36	500	206273
11/15/22 13:30	0	36	500	206273
11/15/22 14:00	0	36	500	206273
11/15/22 14:30	0	36	500	206273
11/15/22 15:00	0	36	500	206273
11/15/22 15:30	0	36	500	206273
11/15/22 16:00	0	36	500	206273
11/15/22 16:30	0	36	500	206273
11/15/22 17:00	0	36	500	206273
11/15/22 17:30	0	36	500	206273
11/15/22 18:00	0	36	500	206273
11/15/22 18:30	0	36	499	206273
11/15/22 19:00	0	36	499	206273
11/15/22 19:30	0	36	499	206273
11/15/22 20:00	0	36	499	206273
11/15/22 20:30	0	36	500	206273
11/15/22 21:00	0	36	499	206273
11/15/22 21:30	0	36	500	206273
11/15/22 22:00	0	36	500	206273
11/15/22 22:30	0	36	499	206273
11/15/22 23:00	0	36	499	206273
11/15/22 23:30	0	36	499	206273
11/16/22 0:00	0	36	499	206273
11/16/22 0:30	0	36	499	206273
11/16/22 1:00	0	36	499	206273
11/16/22 1:30	0	36	499	206273
11/16/22 2:00	0	36	499	206273
11/16/22 2:30	0	36	499	206273
11/16/22 3:00	0	36	499	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/16/22 3:30	0	36	499	206273
11/16/22 4:00	0	36	499	206273
11/16/22 4:30	0	36	499	206273
11/16/22 5:00	0	36	499	206273
11/16/22 5:30	0	36	499	206273
11/16/22 6:00	0	36	499	206273
11/16/22 6:30	0	36	499	206273
11/16/22 7:00	0	36	499	206273
11/16/22 7:30	0	36	499	206273
11/16/22 8:00	0	36	499	206273
11/16/22 8:30	0	36	499	206273
11/16/22 9:00	0	36	499	206273
11/16/22 9:30	0	36	499	206273
11/16/22 10:00	0	36	500	206273
11/16/22 10:30	0	36	500	206273
11/16/22 11:00	0	36	500	206273
11/16/22 11:30	0	36	500	206273
11/16/22 12:00	0	36	500	206273
11/16/22 12:30	0	36	500	206273
11/16/22 13:00	0	36	500	206273
11/16/22 13:30	0	36	500	206273
11/16/22 14:00	0	36	499	206273
11/16/22 14:30	0	36	499	206273
11/16/22 15:00	0	36	499	206273
11/16/22 15:30	0	36	499	206273
11/16/22 16:00	0	36	499	206273
11/16/22 16:30	0	36	499	206273
11/16/22 17:00	0	36	499	206273
11/16/22 17:30	0	36	499	206273
11/16/22 18:00	0	36	499	206273
11/16/22 18:30	0	36	499	206273
11/16/22 19:00	0	36	499	206273
11/16/22 19:30	0	36	499	206273
11/16/22 20:00	0	36	499	206273
11/16/22 20:30	0	36	499	206273
11/16/22 21:00	0	36	499	206273
11/16/22 21:30	0	36	499	206273
11/16/22 22:00	0	36	499	206273
11/16/22 22:30	0	36	499	206273
11/16/22 23:00	0	36	499	206273
11/16/22 23:30	0	36	499	206273
11/17/22 0:00	0	36	499	206273
11/17/22 0:30	0	36	499	206273
11/17/22 1:00	0	36	499	206273
11/17/22 1:30	0	36	499	206273
11/17/22 2:00	0	36	499	206273
11/17/22 2:30	0	36	499	206273
11/17/22 3:00	0	36	499	206273
11/17/22 3:30	0	36	499	206273
11/17/22 4:00	0	36	499	206273
11/17/22 4:30	0	36	499	206273
11/17/22 5:00	0	36	499	206273
11/17/22 5:30	0	36	498	206273
11/17/22 6:00	0	36	498	206273
11/17/22 6:30	0	36	498	206273
11/17/22 7:00	0	36	498	206273
11/17/22 7:30	0	36	498	206273
11/17/22 8:00	0	36	498	206273
11/17/22 8:30	0	36	498	206273
11/17/22 9:00	0	36	499	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/17/22 9:30	0	36	499	206273
11/17/22 10:00	0	36	499	206273
11/17/22 10:30	0	36	499	206273
11/17/22 11:00	0	36	499	206273
11/17/22 11:30	0	36	499	206273
11/17/22 12:00	0	36	499	206273
11/17/22 12:30	0	36	499	206273
11/17/22 13:00	0	36	499	206273
11/17/22 13:30	0	36	499	206273
11/17/22 14:00	0	36	499	206273
11/17/22 14:30	0	36	499	206273
11/17/22 15:00	0	36	499	206273
11/17/22 15:30	0	37	499	206273
11/17/22 16:00	0	37	499	206273
11/17/22 16:30	0	37	499	206273
11/17/22 17:00	0	37	499	206273
11/17/22 17:30	0	37	499	206273
11/17/22 18:00	0	37	499	206273
11/17/22 18:30	0	37	498	206273
11/17/22 19:00	0	37	498	206273
11/17/22 19:30	0	37	498	206273
11/17/22 20:00	0	37	498	206273
11/17/22 20:30	0	37	498	206273
11/17/22 21:00	0	37	498	206273
11/17/22 21:30	0	37	498	206273
11/17/22 22:00	0	37	498	206273
11/17/22 22:30	0	37	498	206273
11/17/22 23:00	0	37	498	206273
11/17/22 23:30	0	37	498	206273
11/18/22 0:00	0	37	498	206273
11/18/22 0:30	0	37	498	206273
11/18/22 1:00	0	37	498	206273
11/18/22 1:30	0	37	498	206273
11/18/22 2:00	0	37	498	206273
11/18/22 2:30	0	37	498	206273
11/18/22 3:00	0	37	498	206273
11/18/22 3:30	0	37	498	206273
11/18/22 4:00	0	37	498	206273
11/18/22 4:30	0	37	498	206273
11/18/22 5:00	0	37	498	206273
11/18/22 5:30	0	37	498	206273
11/18/22 6:00	0	37	498	206273
11/18/22 6:30	0	37	498	206273
11/18/22 7:00	0	37	498	206273
11/18/22 7:30	0	37	498	206273
11/18/22 8:00	0	38	498	206273
11/18/22 8:30	0	38	498	206273
11/18/22 9:00	0	38	498	206273
11/18/22 9:30	0	38	498	206273
11/18/22 10:00	0	38	498	206273
11/18/22 10:30	0	37	498	206273
11/18/22 11:00	0	37	498	206273
11/18/22 11:30	0	38	498	206273
11/18/22 12:00	0	38	499	206273
11/18/22 12:30	0	38	499	206273
11/18/22 13:00	0	38	499	206273
11/18/22 13:30	0	38	499	206273
11/18/22 14:00	0	38	498	206273
11/18/22 14:30	0	38	498	206273
11/18/22 15:00	0	38	498	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/18/22 15:30	0	38	498	206273
11/18/22 16:00	0	38	498	206273
11/18/22 16:30	0	38	498	206273
11/18/22 17:00	0	38	498	206273
11/18/22 17:30	0	38	498	206273
11/18/22 18:00	0	38	498	206273
11/18/22 18:30	0	38	498	206273
11/18/22 19:00	0	38	498	206273
11/18/22 19:30	0	38	498	206273
11/18/22 20:00	0	38	498	206273
11/18/22 20:30	0	38	498	206273
11/18/22 21:00	0	38	498	206273
11/18/22 21:30	0	38	498	206273
11/18/22 22:00	0	38	498	206273
11/18/22 22:30	0	38	498	206273
11/18/22 23:00	0	38	498	206273
11/18/22 23:30	0	38	498	206273
11/19/22 0:00	0	38	498	206273
11/19/22 0:30	0	38	498	206273
11/19/22 1:00	0	38	498	206273
11/19/22 1:30	0	38	498	206273
11/19/22 2:00	0	38	498	206273
11/19/22 2:30	0	38	498	206273
11/19/22 3:00	0	38	498	206273
11/19/22 3:30	0	38	498	206273
11/19/22 4:00	0	38	498	206273
11/19/22 4:30	0	38	497	206273
11/19/22 5:00	0	38	497	206273
11/19/22 5:30	0	38	497	206273
11/19/22 6:00	0	38	497	206273
11/19/22 6:30	0	38	497	206273
11/19/22 7:00	0	38	497	206273
11/19/22 7:30	0	38	497	206273
11/19/22 8:00	0	38	497	206273
11/19/22 8:30	0	38	497	206273
11/19/22 9:00	0	38	497	206273
11/19/22 9:30	0	38	498	206273
11/19/22 10:00	0	38	498	206273
11/19/22 10:30	0	38	498	206273
11/19/22 11:00	0	38	498	206273
11/19/22 11:30	0	38	498	206273
11/19/22 12:00	0	38	498	206273
11/19/22 12:30	0	38	498	206273
11/19/22 13:00	0	38	498	206273
11/19/22 13:30	0	38	498	206273
11/19/22 14:00	0	38	498	206273
11/19/22 14:30	0	38	498	206273
11/19/22 15:00	0	38	498	206273
11/19/22 15:30	0	38	498	206273
11/19/22 16:00	0	38	498	206273
11/19/22 16:30	0	38	498	206273
11/19/22 17:00	0	38	498	206273
11/19/22 17:30	0	38	498	206273
11/19/22 18:00	0	38	497	206273
11/19/22 18:30	0	39	497	206273
11/19/22 19:00	0	39	497	206273
11/19/22 19:30	0	38	497	206273
11/19/22 20:00	0	38	497	206273
11/19/22 20:30	0	38	497	206273
11/19/22 21:00	0	38	497	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/19/22 21:30	0	38	497	206273
11/19/22 22:00	0	38	497	206273
11/19/22 22:30	0	38	497	206273
11/19/22 23:00	0	38	497	206273
11/19/22 23:30	0	38	497	206273
11/20/22 0:00	0	38	497	206273
11/20/22 0:30	0	38	497	206273
11/20/22 1:00	0	38	497	206273
11/20/22 1:30	0	38	497	206273
11/20/22 2:00	0	38	497	206273
11/20/22 2:30	0	38	497	206273
11/20/22 3:00	0	38	497	206273
11/20/22 3:30	0	38	497	206273
11/20/22 4:00	0	38	497	206273
11/20/22 4:30	0	38	497	206273
11/20/22 5:00	0	38	497	206273
11/20/22 5:30	0	38	497	206273
11/20/22 6:00	0	38	497	206273
11/20/22 6:30	0	38	497	206273
11/20/22 7:00	0	38	497	206273
11/20/22 7:30	0	38	497	206273
11/20/22 8:00	0	38	497	206273
11/20/22 8:30	0	38	497	206273
11/20/22 9:00	0	38	497	206273
11/20/22 9:30	0	39	497	206273
11/20/22 10:00	0	38	498	206273
11/20/22 10:30	0	38	498	206273
11/20/22 11:00	0	38	498	206273
11/20/22 11:30	0	38	498	206273
11/20/22 12:00	0	38	498	206273
11/20/22 12:30	0	38	498	206273
11/20/22 13:00	0	38	498	206273
11/20/22 13:30	0	39	498	206273
11/20/22 14:00	0	39	497	206273
11/20/22 14:30	0	39	497	206273
11/20/22 15:00	0	39	497	206273
11/20/22 15:30	0	39	497	206273
11/20/22 16:00	0	39	497	206273
11/20/22 16:30	0	39	497	206273
11/20/22 17:00	0	39	497	206273
11/20/22 17:30	0	39	497	206273
11/20/22 18:00	0	39	497	206273
11/20/22 18:30	0	39	497	206273
11/20/22 19:00	0	39	497	206273
11/20/22 19:30	0	39	497	206273
11/20/22 20:00	0	39	497	206273
11/20/22 20:30	0	39	497	206273
11/20/22 21:00	0	39	497	206273
11/20/22 21:30	0	39	497	206273
11/20/22 22:00	0	39	497	206273
11/20/22 22:30	0	39	497	206273
11/20/22 23:00	0	39	497	206273
11/20/22 23:30	0	39	497	206273
11/21/22 0:00	0	39	497	206273
11/21/22 0:30	0	39	497	206273
11/21/22 1:00	0	39	497	206273
11/21/22 1:30	0	39	497	206273
11/21/22 2:00	0	39	497	206273
11/21/22 2:30	0	39	497	206273
11/21/22 3:00	0	39	497	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/21/22 3:30	0	39	496	206273
11/21/22 4:00	0	39	496	206273
11/21/22 4:30	0	39	496	206273
11/21/22 5:00	0	39	496	206273
11/21/22 5:30	0	39	496	206273
11/21/22 6:00	0	39	496	206273
11/21/22 6:30	0	39	496	206273
11/21/22 7:00	0	39	497	206273
11/21/22 7:30	0	39	496	206273
11/21/22 8:00	0	39	496	206273
11/21/22 8:30	0	39	496	206273
11/21/22 9:00	0	39	496	206273
11/21/22 9:30	0	39	497	206273
11/21/22 10:00	0	39	497	206273
11/21/22 10:30	0	39	497	206273
11/21/22 11:00	0	39	497	206273
11/21/22 11:30	0	39	497	206273
11/21/22 12:00	0	39	497	206273
11/21/22 12:30	0	39	497	206273
11/21/22 13:00	0	39	497	206273
11/21/22 13:30	0	39	497	206273
11/21/22 14:00	0	39	497	206273
11/21/22 14:30	0	39	497	206273
11/21/22 15:00	0	39	497	206273
11/21/22 15:30	0	39	497	206273
11/21/22 16:00	0	39	497	206273
11/21/22 16:30	0	39	497	206273
11/21/22 17:00	0	39	497	206273
11/21/22 17:30	0	39	496	206273
11/21/22 18:00	0	39	496	206273
11/21/22 18:30	0	39	496	206273
11/21/22 19:00	0	39	496	206273
11/21/22 19:30	0	39	496	206273
11/21/22 20:00	0	39	496	206273
11/21/22 20:30	0	39	496	206273
11/21/22 21:00	0	39	497	206273
11/21/22 21:30	0	39	496	206273
11/21/22 22:00	0	39	497	206273
11/21/22 22:30	0	39	496	206273
11/21/22 23:00	0	39	496	206273
11/21/22 23:30	0	39	496	206273
11/22/22 0:00	0	39	496	206273
11/22/22 0:30	0	39	496	206273
11/22/22 1:00	0	39	496	206273
11/22/22 1:30	0	39	496	206273
11/22/22 2:00	0	39	496	206273
11/22/22 2:30	0	39	496	206273
11/22/22 3:00	0	39	496	206273
11/22/22 3:30	0	39	496	206273
11/22/22 4:00	0	39	496	206273
11/22/22 4:30	0	39	496	206273
11/22/22 5:00	0	39	496	206273
11/22/22 5:30	0	39	496	206273
11/22/22 6:00	0	39	496	206273
11/22/22 6:30	0	39	496	206273
11/22/22 7:00	0	39	496	206273
11/22/22 7:30	0	39	496	206273
11/22/22 8:00	0	39	496	206273
11/22/22 8:30	0	39	496	206273
11/22/22 9:00	0	39	496	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/22/22 9:30	0	39	496	206273
11/22/22 10:00	0	39	497	206273
11/22/22 10:30	0	39	497	206273
11/22/22 11:00	0	39	497	206273
11/22/22 11:30	0	39	497	206273
11/22/22 12:00	0	39	497	206273
11/22/22 12:30	0	39	497	206273
11/22/22 13:00	0	39	497	206273
11/22/22 13:30	0	39	497	206273
11/22/22 14:00	0	39	497	206273
11/22/22 14:30	0	39	497	206273
11/22/22 15:00	0	39	496	206273
11/22/22 15:30	0	39	496	206273
11/22/22 16:00	0	39	496	206273
11/22/22 16:30	0	39	496	206273
11/22/22 17:00	0	39	496	206273
11/22/22 17:30	0	39	496	206273
11/22/22 18:00	0	39	496	206273
11/22/22 18:30	0	39	496	206273
11/22/22 19:00	0	39	496	206273
11/22/22 19:30	0	39	496	206273
11/22/22 20:00	0	39	496	206273
11/22/22 20:30	0	39	496	206273
11/22/22 21:00	0	39	496	206273
11/22/22 21:30	0	39	496	206273
11/22/22 22:00	0	39	496	206273
11/22/22 22:30	0	39	496	206273
11/22/22 23:00	0	39	496	206273
11/22/22 23:30	0	39	496	206273
11/23/22 0:00	0	39	496	206273
11/23/22 0:30	0	39	496	206273
11/23/22 1:00	0	39	496	206273
11/23/22 1:30	0	39	496	206273
11/23/22 2:00	0	39	496	206273
11/23/22 2:30	0	39	496	206273
11/23/22 3:00	0	39	496	206273
11/23/22 3:30	0	39	496	206273
11/23/22 4:00	0	39	496	206273
11/23/22 4:30	0	39	496	206273
11/23/22 5:00	0	39	496	206273
11/23/22 5:30	0	39	496	206273
11/23/22 6:00	0	39	496	206273
11/23/22 6:30	0	39	496	206273
11/23/22 7:00	0	39	496	206273
11/23/22 7:30	0	39	496	206273
11/23/22 8:00	0	39	496	206273
11/23/22 8:30	0	39	495	206273
11/23/22 9:00	0	39	496	206273
11/23/22 9:30	0	39	496	206273
11/23/22 10:00	0	39	496	206273
11/23/22 10:30	0	39	496	206273
11/23/22 11:00	0	39	496	206273
11/23/22 11:30	0	39	496	206273
11/23/22 12:00	0	39	496	206273
11/23/22 12:30	0	39	496	206273
11/23/22 13:00	0	39	496	206273
11/23/22 13:30	0	39	496	206273
11/23/22 14:00	0	39	496	206273
11/23/22 14:30	0	39	496	206273
11/23/22 15:00	0	39	496	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/23/22 15:30	0	39	496	206273
11/23/22 16:00	0	39	495	206273
11/23/22 16:30	0	39	496	206273
11/23/22 17:00	0	39	496	206273
11/23/22 17:30	0	39	496	206273
11/23/22 18:00	0	39	496	206273
11/23/22 18:30	0	39	496	206273
11/23/22 19:00	0	40	496	206273
11/23/22 19:30	0	39	496	206273
11/23/22 20:00	0	39	496	206273
11/23/22 20:30	0	39	496	206273
11/23/22 21:00	0	39	496	206273
11/23/22 21:30	0	39	496	206273
11/23/22 22:00	0	39	496	206273
11/23/22 22:30	0	39	496	206273
11/23/22 23:00	0	39	496	206273
11/23/22 23:30	0	39	496	206273
11/24/22 0:00	0	39	496	206273
11/24/22 0:30	0	39	496	206273
11/24/22 1:00	0	39	496	206273
11/24/22 1:30	0	39	496	206273
11/24/22 2:00	0	39	496	206273
11/24/22 2:30	0	39	496	206273
11/24/22 3:00	0	39	496	206273
11/24/22 3:30	0	39	496	206273
11/24/22 4:00	0	39	496	206273
11/24/22 4:30	0	39	496	206273
11/24/22 5:00	0	39	495	206273
11/24/22 5:30	0	39	495	206273
11/24/22 6:00	0	39	495	206273
11/24/22 6:30	0	39	495	206273
11/24/22 7:00	0	39	495	206273
11/24/22 7:30	0	39	495	206273
11/24/22 8:00	0	39	495	206273
11/24/22 8:30	0	39	495	206273
11/24/22 9:00	0	39	495	206273
11/24/22 9:30	0	39	495	206273
11/24/22 10:00	0	39	496	206273
11/24/22 10:30	0	39	496	206273
11/24/22 11:00	0	39	496	206273
11/24/22 11:30	0	39	496	206273
11/24/22 12:00	0	39	496	206273
11/24/22 12:30	0	40	496	206273
11/24/22 13:00	0	40	496	206273
11/24/22 13:30	0	40	496	206273
11/24/22 14:00	0	40	496	206273
11/24/22 14:30	0	40	496	206273
11/24/22 15:00	0	40	496	206273
11/24/22 15:30	0	40	495	206273
11/24/22 16:00	0	40	495	206273
11/24/22 16:30	0	40	495	206273
11/24/22 17:00	0	40	495	206273
11/24/22 17:30	0	40	495	206273
11/24/22 18:00	0	40	495	206273
11/24/22 18:30	0	40	495	206273
11/24/22 19:00	0	40	495	206273
11/24/22 19:30	0	40	495	206273
11/24/22 20:00	0	40	495	206273
11/24/22 20:30	0	40	495	206273
11/24/22 21:00	0	40	495	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/24/22 21:30	0	40	495	206273
11/24/22 22:00	0	40	495	206273
11/24/22 22:30	0	40	495	206273
11/24/22 23:00	0	40	495	206273
11/24/22 23:30	0	40	495	206273
11/25/22 0:00	0	40	495	206273
11/25/22 0:30	0	40	495	206273
11/25/22 1:00	0	40	495	206273
11/25/22 1:30	0	40	495	206273
11/25/22 2:00	0	40	495	206273
11/25/22 2:30	0	40	495	206273
11/25/22 3:00	0	40	495	206273
11/25/22 3:30	0	40	495	206273
11/25/22 4:00	0	40	495	206273
11/25/22 4:30	0	40	495	206273
11/25/22 5:00	0	40	495	206273
11/25/22 5:30	0	40	495	206273
11/25/22 6:00	0	40	495	206273
11/25/22 6:30	0	40	495	206273
11/25/22 7:00	0	40	495	206273
11/25/22 7:30	0	40	495	206273
11/25/22 8:00	0	40	495	206273
11/25/22 8:30	0	40	495	206273
11/25/22 9:00	0	40	495	206273
11/25/22 9:30	0	40	495	206273
11/25/22 10:00	0	40	496	206273
11/25/22 10:30	0	40	496	206273
11/25/22 11:00	0	40	496	206273
11/25/22 11:30	0	40	495	206273
11/25/22 12:00	0	40	495	206273
11/25/22 12:30	0	40	495	206273
11/25/22 13:00	0	40	495	206273
11/25/22 13:30	0	40	495	206273
11/25/22 14:00	0	40	495	206273
11/25/22 14:30	0	40	495	206273
11/25/22 15:00	0	40	495	206273
11/25/22 15:30	0	40	495	206273
11/25/22 16:00	0	40	495	206273
11/25/22 16:30	0	40	495	206273
11/25/22 17:00	0	40	495	206273
11/25/22 17:30	0	40	495	206273
11/25/22 18:00	0	40	495	206273
11/25/22 18:30	0	40	495	206273
11/25/22 19:00	0	40	494	206273
11/25/22 19:30	0	40	495	206273
11/25/22 20:00	0	40	495	206273
11/25/22 20:30	0	40	495	206273
11/25/22 21:00	0	40	495	206273
11/25/22 21:30	0	40	495	206273
11/25/22 22:00	0	40	495	206273
11/25/22 22:30	0	40	495	206273
11/25/22 23:00	0	40	495	206273
11/25/22 23:30	0	40	495	206273
11/26/22 0:00	0	40	495	206273
11/26/22 0:30	0	40	495	206273
11/26/22 1:00	0	40	495	206273
11/26/22 1:30	0	40	495	206273
11/26/22 2:00	0	40	495	206273
11/26/22 2:30	0	40	495	206273
11/26/22 3:00	0	40	495	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/26/22 3:30	0	40	495	206273
11/26/22 4:00	0	40	495	206273
11/26/22 4:30	0	40	495	206273
11/26/22 5:00	0	40	495	206273
11/26/22 5:30	0	40	494	206273
11/26/22 6:00	0	40	495	206273
11/26/22 6:30	0	40	494	206273
11/26/22 7:00	0	40	494	206273
11/26/22 7:30	0	40	494	206273
11/26/22 8:00	0	40	494	206273
11/26/22 8:30	0	40	494	206273
11/26/22 9:00	0	40	494	206273
11/26/22 9:30	0	40	495	206273
11/26/22 10:00	0	40	495	206273
11/26/22 10:30	0	40	495	206273
11/26/22 11:00	0	40	495	206273
11/26/22 11:30	0	40	495	206273
11/26/22 12:00	0	40	495	206273
11/26/22 12:30	0	40	495	206273
11/26/22 13:00	0	40	495	206273
11/26/22 13:30	0	40	495	206273
11/26/22 14:00	0	40	495	206273
11/26/22 14:30	0	40	495	206273
11/26/22 15:00	0	40	495	206273
11/26/22 15:30	0	40	495	206273
11/26/22 16:00	0	40	495	206273
11/26/22 16:30	0	40	495	206273
11/26/22 17:00	0	40	495	206273
11/26/22 17:30	0	40	494	206273
11/26/22 18:00	0	40	495	206273
11/26/22 18:30	0	40	494	206273
11/26/22 19:00	0	40	494	206273
11/26/22 19:30	0	40	494	206273
11/26/22 20:00	0	40	494	206273
11/26/22 20:30	0	40	495	206273
11/26/22 21:00	0	40	495	206273
11/26/22 21:30	0	40	495	206273
11/26/22 22:00	0	40	495	206273
11/26/22 22:30	0	40	495	206273
11/26/22 23:00	0	40	494	206273
11/26/22 23:30	0	40	494	206273
11/27/22 0:00	0	40	494	206273
11/27/22 0:30	0	40	495	206273
11/27/22 1:00	0	40	495	206273
11/27/22 1:30	0	40	494	206273
11/27/22 2:00	0	40	494	206273
11/27/22 2:30	0	40	494	206273
11/27/22 3:00	0	40	494	206273
11/27/22 3:30	0	40	494	206273
11/27/22 4:00	0	40	494	206273
11/27/22 4:30	0	40	494	206273
11/27/22 5:00	0	40	494	206273
11/27/22 5:30	0	40	494	206273
11/27/22 6:00	0	40	494	206273
11/27/22 6:30	0	40	494	206273
11/27/22 7:00	0	40	494	206273
11/27/22 7:30	0	40	494	206273
11/27/22 8:00	0	40	494	206273
11/27/22 8:30	0	40	494	206273
11/27/22 9:00	0	40	494	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/27/22 9:30	0	40	494	206273
11/27/22 10:00	0	40	495	206273
11/27/22 10:30	0	40	495	206273
11/27/22 11:00	0	40	495	206273
11/27/22 11:30	0	40	495	206273
11/27/22 12:00	0	40	494	206273
11/27/22 12:30	0	40	494	206273
11/27/22 13:00	0	40	494	206273
11/27/22 13:30	0	40	494	206273
11/27/22 14:00	0	40	494	206273
11/27/22 14:30	0	40	494	206273
11/27/22 15:00	0	40	494	206273
11/27/22 15:30	0	40	494	206273
11/27/22 16:00	0	40	494	206273
11/27/22 16:30	0	40	494	206273
11/27/22 17:00	0	40	494	206273
11/27/22 17:30	0	40	494	206273
11/27/22 18:00	0	40	494	206273
11/27/22 18:30	0	40	494	206273
11/27/22 19:00	0	40	494	206273
11/27/22 19:30	0	40	494	206273
11/27/22 20:00	0	40	494	206273
11/27/22 20:30	0	40	494	206273
11/27/22 21:00	0	40	494	206273
11/27/22 21:30	0	40	494	206273
11/27/22 22:00	0	40	494	206273
11/27/22 22:30	0	40	494	206273
11/27/22 23:00	0	40	494	206273
11/27/22 23:30	0	40	494	206273
11/28/22 0:00	0	40	494	206273
11/28/22 0:30	0	40	494	206273
11/28/22 1:00	0	40	494	206273
11/28/22 1:30	0	40	494	206273
11/28/22 2:00	0	40	494	206273
11/28/22 2:30	0	40	494	206273
11/28/22 3:00	0	40	494	206273
11/28/22 3:30	0	40	494	206273
11/28/22 4:00	0	40	494	206273
11/28/22 4:30	0	40	494	206273
11/28/22 5:00	0	40	494	206273
11/28/22 5:30	0	40	494	206273
11/28/22 6:00	0	40	494	206273
11/28/22 6:30	0	40	494	206273
11/28/22 7:00	0	40	494	206273
11/28/22 7:30	0	40	494	206273
11/28/22 8:00	0	40	494	206273
11/28/22 8:30	0	40	494	206273
11/28/22 9:00	0	40	494	206273
11/28/22 9:30	0	40	494	206273
11/28/22 10:00	0	40	494	206273
11/28/22 10:30	0	40	494	206273
11/28/22 11:00	0	40	494	206273
11/28/22 11:30	0	40	494	206273
11/28/22 12:00	0	40	494	206273
11/28/22 12:30	0	40	494	206273
11/28/22 13:00	0	40	494	206273
11/28/22 13:30	0	40	494	206273
11/28/22 14:00	0	40	494	206273
11/28/22 14:30	0	40	494	206273
11/28/22 15:00	0	40	494	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/28/22 15:30	0	40	494	206273
11/28/22 16:00	0	40	494	206273
11/28/22 16:30	0	40	494	206273
11/28/22 17:00	0	40	494	206273
11/28/22 17:30	0	40	494	206273
11/28/22 18:00	0	41	494	206273
11/28/22 18:30	0	41	494	206273
11/28/22 19:00	0	41	494	206273
11/28/22 19:30	0	41	494	206273
11/28/22 20:00	0	41	494	206273
11/28/22 20:30	0	41	494	206273
11/28/22 21:00	0	40	494	206273
11/28/22 21:30	0	40	494	206273
11/28/22 22:00	0	40	494	206273
11/28/22 22:30	0	40	494	206273
11/28/22 23:00	0	40	494	206273
11/28/22 23:30	0	40	494	206273
11/29/22 0:00	0	40	494	206273
11/29/22 0:30	0	40	494	206273
11/29/22 1:00	0	41	494	206273
11/29/22 1:30	0	41	494	206273
11/29/22 2:00	0	40	494	206273
11/29/22 2:30	0	40	494	206273
11/29/22 3:00	0	40	494	206273
11/29/22 3:30	0	40	494	206273
11/29/22 4:00	0	41	494	206273
11/29/22 4:30	0	41	494	206273
11/29/22 5:00	0	40	494	206273
11/29/22 5:30	0	40	494	206273
11/29/22 6:00	0	40	494	206273
11/29/22 6:30	0	41	494	206273
11/29/22 7:00	0	41	494	206273
11/29/22 7:30	0	40	494	206273
11/29/22 8:00	0	40	494	206273
11/29/22 8:30	0	40	494	206273
11/29/22 9:00	0	40	494	206273
11/29/22 9:30	0	40	494	206273
11/29/22 10:00	0	40	494	206273
11/29/22 10:30	0	40	494	206273
11/29/22 11:00	0	40	493	206273
11/29/22 11:30	0	40	493	206273
11/29/22 12:00	0	40	494	206273
11/29/22 12:30	0	40	494	206273
11/29/22 13:00	0	40	494	206273
11/29/22 13:30	0	41	493	206273
11/29/22 14:00	0	41	494	206273
11/29/22 14:30	0	41	494	206273
11/29/22 15:00	0	41	494	206273
11/29/22 15:30	0	41	494	206273
11/29/22 16:00	0	41	494	206273
11/29/22 16:30	0	41	493	206273
11/29/22 17:00	0	41	493	206273
11/29/22 17:30	0	41	493	206273
11/29/22 18:00	0	41	493	206273
11/29/22 18:30	0	41	493	206273
11/29/22 19:00	0	41	493	206273
11/29/22 19:30	0	41	493	206273
11/29/22 20:00	0	41	493	206273
11/29/22 20:30	0	41	493	206273
11/29/22 21:00	0	41	493	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/29/22 21:30	0	41	493	206273
11/29/22 22:00	0	41	493	206273
11/29/22 22:30	0	41	493	206273
11/29/22 23:00	0	41	493	206273
11/29/22 23:30	0	41	493	206273
11/30/22 0:00	0	41	493	206273
11/30/22 0:30	0	41	493	206273
11/30/22 1:00	0	41	493	206273
11/30/22 1:30	0	41	493	206273
11/30/22 2:00	0	40	493	206273
11/30/22 2:30	0	40	493	206273
11/30/22 3:00	0	40	493	206273
11/30/22 3:30	0	40	493	206273
11/30/22 4:00	0	40	493	206273
11/30/22 4:30	0	40	493	206273
11/30/22 5:00	0	40	493	206273
11/30/22 5:30	0	40	493	206273
11/30/22 6:00	0	40	493	206273
11/30/22 6:30	0	40	493	206273
11/30/22 7:00	0	40	493	206273
11/30/22 7:30	0	40	493	206273
11/30/22 8:00	0	40	493	206273
11/30/22 8:30	0	40	493	206273
11/30/22 9:00	0	40	493	206273
11/30/22 9:30	0	40	493	206273
11/30/22 10:00	0	40	493	206273
11/30/22 10:30	0	40	493	206273
11/30/22 11:00	0	40	493	206273
11/30/22 11:30	0	40	493	206273
11/30/22 12:00	0	40	493	206273
11/30/22 12:30	0	41	493	206273
11/30/22 13:00	0	41	493	206273
11/30/22 13:30	0	41	493	206273
11/30/22 14:00	0	41	493	206273
11/30/22 14:30	0	41	493	206273
11/30/22 15:00	0	41	493	206273
11/30/22 15:30	0	41	493	206273
11/30/22 16:00	0	41	493	206273
11/30/22 16:30	0	41	493	206273
11/30/22 17:00	0	41	493	206273
11/30/22 17:30	0	41	493	206273
11/30/22 18:00	0	41	493	206273
11/30/22 18:30	0	41	493	206273
11/30/22 19:00	0	41	493	206273
11/30/22 19:30	0	41	493	206273
11/30/22 20:00	0	41	493	206273
11/30/22 20:30	0	41	493	206273
11/30/22 21:00	0	41	493	206273
11/30/22 21:30	0	41	493	206273
11/30/22 22:00	0	41	493	206273
11/30/22 22:30	0	41	493	206273
11/30/22 23:00	0	41	493	206273
11/30/22 23:30	0	41	493	206273
12/1/22 0:00	0	41	493	206273
12/1/22 0:30	0	41	493	206273
12/1/22 1:00	0	41	493	206273
12/1/22 1:30	0	41	493	206273
12/1/22 2:00	0	41	493	206273
12/1/22 2:30	0	41	493	206273
12/1/22 3:00	0	41	493	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/1/22 3:30	0	41	493	206273
12/1/22 4:00	0	41	493	206273
12/1/22 4:30	0	41	493	206273
12/1/22 5:00	0	41	493	206273
12/1/22 5:30	0	41	493	206273
12/1/22 6:00	0	41	493	206273
12/1/22 6:30	0	41	493	206273
12/1/22 7:00	0	41	493	206273
12/1/22 7:30	0	41	493	206273
12/1/22 8:00	0	41	493	206273
12/1/22 8:30	0	41	493	206273
12/1/22 9:00	0	41	493	206273
12/1/22 9:30	0	41	493	206273
12/1/22 10:00	0	41	493	206273
12/1/22 10:30	0	41	493	206273
12/1/22 11:00	0	41	493	206273
12/1/22 11:30	0	41	493	206273
12/1/22 12:00	0	41	493	206273
12/1/22 12:30	0	41	493	206273
12/1/22 13:00	0	41	493	206273
12/1/22 13:30	0	41	493	206273
12/1/22 14:00	0	41	493	206273
12/1/22 14:30	0	41	493	206273
12/1/22 15:00	0	41	493	206273
12/1/22 15:30	0	41	493	206273
12/1/22 16:00	0	41	492	206273
12/1/22 16:30	0	41	492	206273
12/1/22 17:00	0	41	493	206273
12/1/22 17:30	0	41	493	206273
12/1/22 18:00	0	41	493	206273
12/1/22 18:30	0	41	493	206273
12/1/22 19:00	0	41	493	206273
12/1/22 19:30	0	41	493	206273
12/1/22 20:00	0	41	493	206273
12/1/22 20:30	0	41	493	206273
12/1/22 21:00	0	41	492	206273
12/1/22 21:30	0	41	492	206273
12/1/22 22:00	0	41	493	206273
12/1/22 22:30	0	41	493	206273
12/1/22 23:00	0	41	493	206273
12/1/22 23:30	0	41	493	206273
12/2/22 0:00	0	41	493	206273
12/2/22 0:30	0	41	493	206273
12/2/22 1:00	0	41	493	206273
12/2/22 1:30	0	41	493	206273
12/2/22 2:00	0	41	493	206273
12/2/22 2:30	0	41	493	206273
12/2/22 3:00	0	41	493	206273
12/2/22 3:30	0	41	492	206273
12/2/22 4:00	0	41	493	206273
12/2/22 4:30	0	41	493	206273
12/2/22 5:00	0	41	492	206273
12/2/22 5:30	0	41	492	206273
12/2/22 6:00	0	41	492	206273
12/2/22 6:30	0	41	493	206273
12/2/22 7:00	0	41	492	206273
12/2/22 7:30	0	41	492	206273
12/2/22 8:00	0	41	492	206273
12/2/22 8:30	0	41	492	206273
12/2/22 9:00	0	41	492	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/2/22 9:30	0	41	492	206273
12/2/22 10:00	0	41	492	206273
12/2/22 10:30	0	41	492	206273
12/2/22 11:00	0	41	492	206273
12/2/22 11:30	0	41	492	206273
12/2/22 12:00	0	41	492	206273
12/2/22 12:30	0	41	492	206273
12/2/22 13:00	0	41	492	206273
12/2/22 13:30	0	41	493	206273
12/2/22 14:00	0	41	492	206273
12/2/22 14:30	0	41	493	206273
12/2/22 15:00	0	41	492	206273
12/2/22 15:30	0	41	492	206273
12/2/22 16:00	0	41	492	206273
12/2/22 16:30	0	41	492	206273
12/2/22 17:00	0	41	492	206273
12/2/22 17:30	0	41	492	206273
12/2/22 18:00	0	41	492	206273
12/2/22 18:30	0	41	492	206273
12/2/22 19:00	0	41	492	206273
12/2/22 19:30	0	41	492	206273
12/2/22 20:00	0	41	492	206273
12/2/22 20:30	0	41	492	206273
12/2/22 21:00	0	41	492	206273
12/2/22 21:30	0	41	492	206273
12/2/22 22:00	0	41	492	206273
12/2/22 22:30	0	41	492	206273
12/2/22 23:00	0	41	492	206273
12/2/22 23:30	0	41	492	206273
12/3/22 0:00	0	41	492	206273
12/3/22 0:30	0	41	492	206273
12/3/22 1:00	0	41	492	206273
12/3/22 1:30	0	41	492	206273
12/3/22 2:00	0	41	492	206273
12/3/22 2:30	0	41	492	206273
12/3/22 3:00	0	41	492	206273
12/3/22 3:30	0	41	492	206273
12/3/22 4:00	0	41	492	206273
12/3/22 4:30	0	41	492	206273
12/3/22 5:00	0	41	492	206273
12/3/22 5:30	0	41	492	206273
12/3/22 6:00	0	41	492	206273
12/3/22 6:30	0	41	492	206273
12/3/22 7:00	0	41	492	206273
12/3/22 7:30	0	41	492	206273
12/3/22 8:00	0	41	492	206273
12/3/22 8:30	0	41	492	206273
12/3/22 9:00	0	41	492	206273
12/3/22 9:30	0	41	492	206273
12/3/22 10:00	0	41	492	206273
12/3/22 10:30	0	41	492	206273
12/3/22 11:00	0	41	492	206273
12/3/22 11:30	0	41	492	206273
12/3/22 12:00	0	41	492	206273
12/3/22 12:30	0	41	492	206273
12/3/22 13:00	0	41	492	206273
12/3/22 13:30	0	41	492	206273
12/3/22 14:00	0	41	492	206273
12/3/22 14:30	0	41	492	206273
12/3/22 15:00	0	41	492	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/3/22 15:30	0	41	492	206273
12/3/22 16:00	0	41	492	206273
12/3/22 16:30	0	41	492	206273
12/3/22 17:00	0	41	492	206273
12/3/22 17:30	0	41	492	206273
12/3/22 18:00	0	41	492	206273
12/3/22 18:30	0	41	492	206273
12/3/22 19:00	0	41	492	206273
12/3/22 19:30	0	41	492	206273
12/3/22 20:00	0	41	492	206273
12/3/22 20:30	0	41	492	206273
12/3/22 21:00	0	41	492	206273
12/3/22 21:30	0	41	492	206273
12/3/22 22:00	0	41	492	206273
12/3/22 22:30	0	41	492	206273
12/3/22 23:00	0	41	492	206273
12/3/22 23:30	0	41	492	206273
12/4/22 0:00	0	41	492	206273
12/4/22 0:30	0	41	492	206273
12/4/22 1:00	0	41	492	206273
12/4/22 1:30	0	41	492	206273
12/4/22 2:00	0	41	492	206273
12/4/22 2:30	0	41	492	206273
12/4/22 3:00	0	42	492	206273
12/4/22 3:30	0	42	492	206273
12/4/22 4:00	0	42	492	206273
12/4/22 4:30	0	42	492	206273
12/4/22 5:00	0	42	492	206273
12/4/22 5:30	0	42	492	206273
12/4/22 6:00	0	42	492	206273
12/4/22 6:30	0	42	492	206273
12/4/22 7:00	0	42	492	206273
12/4/22 7:30	0	42	492	206273
12/4/22 8:00	0	42	492	206273
12/4/22 8:30	0	42	492	206273
12/4/22 9:00	0	42	492	206273
12/4/22 9:30	0	42	492	206273
12/4/22 10:00	0	42	492	206273
12/4/22 10:30	0	42	492	206273
12/4/22 11:00	0	42	492	206273
12/4/22 11:30	0	42	492	206273
12/4/22 12:00	0	42	492	206273
12/4/22 12:30	0	42	492	206273
12/4/22 13:00	0	42	492	206273
12/4/22 13:30	0	42	492	206273
12/4/22 14:00	0	42	492	206273
12/4/22 14:30	0	42	492	206273
12/4/22 15:00	0	42	492	206273
12/4/22 15:30	0	42	492	206273
12/4/22 16:00	0	42	492	206273
12/4/22 16:30	0	42	492	206273
12/4/22 17:00	0	42	492	206273
12/4/22 17:30	0	42	492	206273
12/4/22 18:00	0	42	491	206273
12/4/22 18:30	0	42	491	206273
12/4/22 19:00	0	42	491	206273
12/4/22 19:30	0	42	491	206273
12/4/22 20:00	0	42	491	206273
12/4/22 20:30	0	42	491	206273
12/4/22 21:00	0	42	491	206273

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/4/22 21:30	0	42	491	206273
12/4/22 22:00	0	42	491	206273
12/4/22 22:30	0	42	491	206273
12/4/22 23:00	0	42	491	206273
12/4/22 23:30	0	42	491	206273
12/5/22 0:00	0	42	491	206273
12/5/22 0:30	0	42	491	206273
12/5/22 1:00	0	42	491	206273
12/5/22 1:30	0	42	491	206273
12/5/22 2:00	0	42	491	206273
12/5/22 2:30	0	42	491	206273
12/5/22 3:00	0	42	491	206273
12/5/22 3:30	0	42	491	206273
12/5/22 4:00	0	42	491	206273
12/5/22 4:30	0	42	491	206273
12/5/22 5:00	0	42	491	206273
12/5/22 5:30	0	42	491	206273
12/5/22 6:00	0	42	491	206273
12/5/22 6:30	0	42	491	206273
12/5/22 7:00	0	42	491	206273
12/5/22 7:30	0	42	491	206273
12/5/22 8:00	0	42	491	206273
12/5/22 8:30	0	42	491	206273
12/5/22 9:00	0	42	491	206273
12/5/22 9:30	0	42	491	206273
12/5/22 10:00	0	42	491	206273
12/5/22 10:30	0	42	491	206273
12/5/22 11:00	0	42	492	206273
12/5/22 11:30	0	42	492	206273
12/5/22 12:00	0	42	492	206273
12/5/22 12:30	41	-7	824	206332
12/5/22 13:00	33	-7	862	206392
12/5/22 13:30	35	-7	903	206452
12/5/22 14:00	36	-7	934	206512
12/5/22 14:30	33	-7	955	206572
12/5/22 15:00	37	-7	990	206612
12/5/22 15:30	36	-7	1010	206642
12/5/22 16:00	35	-7	1026	206662
12/5/22 16:30	32	-7	1025	206682
12/5/22 17:00	32	-7	1025	206702
12/5/22 17:30	31	-7	1030	206722
12/5/22 18:00	32	-7	1038	206742
12/5/22 18:30	28	-7	1010	206762
12/5/22 19:00	28	-7	1009	206782
12/5/22 19:30	28	-7	1012	206802
12/5/22 20:00	29	-7	1016	206822
12/5/22 20:30	28	-7	1020	206842
12/5/22 21:00	28	-7	1024	206862
12/5/22 21:30	28	-7	1028	206882
12/5/22 22:00	27	-7	1033	206902
12/5/22 22:30	28	-7	1037	206922
12/5/22 23:00	28	-7	1041	206942
12/5/22 23:30	26	-7	1045	206962
12/6/22 0:00	28	-7	1049	206982
12/6/22 0:30	29	-7	1052	207002
12/6/22 1:00	28	-7	1056	207022
12/6/22 1:30	27	-7	1059	207042
12/6/22 2:00	28	-7	1062	207062
12/6/22 2:30	28	-7	1065	207082
12/6/22 3:00	26	-7	1068	207102

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/6/22 3:30	27	-7	1071	207122
12/6/22 4:00	28	-7	1074	207142
12/6/22 4:30	27	-7	1077	207162
12/6/22 5:00	28	-7	1079	207182
12/6/22 5:30	28	-7	1082	207202
12/6/22 6:00	28	-7	1085	207222
12/6/22 6:30	27	-7	1087	207242
12/6/22 7:00	26	-7	1090	207262
12/6/22 7:30	28	-7	1092	207282
12/6/22 8:00	28	-7	1094	207302
12/6/22 8:30	27	-7	1095	207322
12/6/22 9:00	27	-7	1098	207342
12/6/22 9:30	29	-7	1100	207362
12/6/22 10:00	28	-7	1102	207382
12/6/22 10:30	29	-7	1105	207402
12/6/22 11:00	27	-7	1107	207422
12/6/22 11:30	28	-7	1109	207442
12/6/22 12:00	27	-7	1111	207462
12/6/22 12:30	27	-7	1114	207482
12/6/22 13:00	27	-7	1116	207502
12/6/22 13:30	28	-7	1117	207522
12/6/22 14:00	28	-7	1119	207542
12/6/22 14:30	28	-7	1121	207562
12/6/22 15:00	28	-7	1123	207582
12/6/22 15:30	29	-7	1125	207602
12/6/22 16:00	27	-7	1128	207622
12/6/22 16:30	29	-7	1129	207642
12/6/22 17:00	28	-7	1130	207662
12/6/22 17:30	28	-7	1132	207682
12/6/22 18:00	29	-7	1134	207702
12/6/22 18:30	29	-7	1136	207722
12/6/22 19:00	27	-7	1138	207742
12/6/22 19:30	26	-7	1139	207762
12/6/22 20:00	27	-7	1141	207782
12/6/22 20:30	27	-7	1143	207802
12/6/22 21:00	27	-7	1145	207822
12/6/22 21:30	26	-7	1147	207842
12/6/22 22:00	28	-7	1148	207862
12/6/22 22:30	26	-7	1150	207882
12/6/22 23:00	28	-7	1151	207902
12/6/22 23:30	27	-7	1153	207922
12/7/22 0:00	27	-7	1155	207942
12/7/22 0:30	27	-7	1156	207962
12/7/22 1:00	28	-7	1158	207982
12/7/22 1:30	28	-7	1160	208002
12/7/22 2:00	28	-7	1162	208022
12/7/22 2:30	28	-7	1163	208042
12/7/22 3:00	26	-7	1165	208062
12/7/22 3:30	27	-7	1166	208082
12/7/22 4:00	27	-7	1168	208102
12/7/22 4:30	28	-7	1169	208122
12/7/22 5:00	27	-7	1171	208142
12/7/22 5:30	27	-7	1173	208162
12/7/22 6:00	27	-7	1174	208182
12/7/22 6:30	27	-7	1175	208202
12/7/22 7:00	28	-7	1177	208222
12/7/22 7:30	28	-7	1178	208242
12/7/22 8:00	27	-7	1180	208262
12/7/22 8:30	28	-7	1181	208282
12/7/22 9:00	28	-7	1183	208302

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/7/22 9:30	28	-7	1184	208322
12/7/22 10:00	27	-7	1185	208342
12/7/22 10:30	27	-7	1187	208362
12/7/22 11:00	28	-7	1188	208382
12/7/22 11:30	28	-7	1189	208402
12/7/22 12:00	27	-7	1191	208422
12/7/22 12:30	27	-7	1192	208442
12/7/22 13:00	27	-7	1193	208462
12/7/22 13:30	28	-7	1194	208482
12/7/22 14:00	27	-7	1195	208502
12/7/22 14:30	28	-7	1196	208522
12/7/22 15:00	26	-7	1197	208542
12/7/22 15:30	27	-7	1198	208562
12/7/22 16:00	27	-7	1199	208582
12/7/22 16:30	28	-7	1201	208602
12/7/22 17:00	27	-7	1202	208622
12/7/22 17:30	27	-7	1203	208642
12/7/22 18:00	27	-7	1204	208662
12/7/22 18:30	27	-7	1205	208682
12/7/22 19:00	28	-7	1206	208702
12/7/22 19:30	27	-7	1207	208722
12/7/22 20:00	28	-7	1208	208742
12/7/22 20:30	27	-7	1209	208762
12/7/22 21:00	26	-7	1210	208782
12/7/22 21:30	26	-7	1212	208802
12/7/22 22:00	27	-7	1213	208822
12/7/22 22:30	25	-7	1214	208842
12/7/22 23:00	27	-7	1215	208862
12/7/22 23:30	28	-7	1216	208882
12/8/22 0:00	28	-7	1217	208902
12/8/22 0:30	27	-7	1218	208922
12/8/22 1:00	27	-7	1219	208942
12/8/22 1:30	27	-7	1220	208962
12/8/22 2:00	27	-7	1221	208982
12/8/22 2:30	27	-7	1222	209002
12/8/22 3:00	26	-7	1223	209022
12/8/22 3:30	27	-7	1224	209042
12/8/22 4:00	27	-7	1225	209062
12/8/22 4:30	26	-7	1226	209082
12/8/22 5:00	27	-7	1227	209102
12/8/22 5:30	27	-7	1228	209122
12/8/22 6:00	28	-7	1229	209142
12/8/22 6:30	26	-7	1230	209162
12/8/22 7:00	27	-7	1231	209182
12/8/22 7:30	27	-7	1232	209202
12/8/22 8:00	27	-7	1233	209222
12/8/22 8:30	27	-7	1234	209242
12/8/22 9:00	27	-7	1235	209262
12/8/22 9:30	27	-7	1236	209282
12/8/22 10:00	27	-7	1237	209302
12/8/22 10:30	25	-7	1238	209322
12/8/22 11:00	28	-7	1239	209342
12/8/22 11:30	26	-7	1240	209362
12/8/22 12:00	27	-7	1241	209382
12/8/22 12:30	27	-7	1242	209402
12/8/22 13:00	26	-7	1243	209422
12/8/22 13:30	27	-7	1244	209442
12/8/22 14:00	27	-7	1245	209462
12/8/22 14:30	27	-7	1246	209482
12/8/22 15:00	28	-7	1247	209502

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/8/22 15:30	26	-7	1248	209522
12/8/22 16:00	27	-7	1249	209542
12/8/22 16:30	27	-7	1249	209562
12/8/22 17:00	28	-7	1250	209582
12/8/22 17:30	26	-7	1251	209602
12/8/22 18:00	26	-7	1252	209622
12/8/22 18:30	26	-7	1253	209642
12/8/22 19:00	26	-7	1253	209662
12/8/22 19:30	26	-7	1254	209682
12/8/22 20:00	27	-7	1256	209702
12/8/22 20:30	27	-7	1257	209722
12/8/22 21:00	26	-7	1257	209742
12/8/22 21:30	27	-7	1258	209762
12/8/22 22:00	26	-7	1259	209782
12/8/22 22:30	27	-7	1259	209802
12/8/22 23:00	26	-7	1260	209822
12/8/22 23:30	27	-7	1261	209842
12/9/22 0:00	26	-7	1262	209862
12/9/22 0:30	27	-7	1262	209882
12/9/22 1:00	27	-7	1263	209902
12/9/22 1:30	27	-7	1264	209922
12/9/22 2:00	27	-7	1265	209942
12/9/22 2:30	27	-7	1266	209952
12/9/22 3:00	27	-7	1267	209962
12/9/22 3:30	27	-7	1267	209967
12/9/22 4:00	0	-7	1145	210003
12/9/22 4:30	0	-7	1020	210003
12/9/22 5:00	0	-7	969	210003
12/9/22 5:30	0	-7	936	210003
12/9/22 6:00	0	-7	911	210003
12/9/22 6:30	0	-7	892	210003
12/9/22 7:00	0	-7	876	210003
12/9/22 7:30	0	-7	862	210003
12/9/22 8:00	0	-7	850	210003
12/9/22 8:30	0	-7	839	210003
12/9/22 9:00	0	-7	830	210003
12/9/22 9:30	0	-7	821	210003
12/9/22 10:00	0	-7	813	210003
12/9/22 10:30	0	-7	816	210003
12/9/22 11:00	0	-7	823	210003
12/9/22 11:30	0	-7	821	210003
12/9/22 12:00	0	-7	818	210003
12/9/22 12:30	0	-7	814	210003
12/9/22 13:00	0	-7	811	210003
12/9/22 13:30	0	-7	807	210003
12/9/22 14:00	0	-7	804	210003
12/9/22 14:30	0	-7	800	210003
12/9/22 15:00	0	-7	797	210003
12/9/22 15:30	0	-7	793	210003
12/9/22 16:00	0	-7	790	210003
12/9/22 16:30	0	-7	787	210003
12/9/22 17:00	0	-7	784	210003
12/9/22 17:30	0	-7	781	210003
12/9/22 18:00	0	-7	778	210003
12/9/22 18:30	0	-7	778	210003
12/9/22 19:00	0	-7	772	210003
12/9/22 19:30	0	-7	770	210003
12/9/22 20:00	0	-7	767	210003
12/9/22 20:30	0	-7	765	210003
12/9/22 21:00	0	-7	763	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/9/22 21:30	0	-7	760	210003
12/9/22 22:00	0	-7	758	210003
12/9/22 22:30	0	-7	756	210003
12/9/22 23:00	0	-7	754	210003
12/9/22 23:30	0	-7	752	210003
12/10/22 0:00	0	-7	750	210003
12/10/22 0:30	0	-7	748	210003
12/10/22 1:00	0	-7	746	210003
12/10/22 1:30	0	-7	744	210003
12/10/22 2:00	0	-7	742	210003
12/10/22 2:30	0	-7	740	210003
12/10/22 3:00	0	-7	739	210003
12/10/22 3:30	0	-7	737	210003
12/10/22 4:00	0	-7	735	210003
12/10/22 4:30	0	-7	733	210003
12/10/22 5:00	0	-7	732	210003
12/10/22 5:30	0	-7	730	210003
12/10/22 6:00	0	-7	729	210003
12/10/22 6:30	0	-7	727	210003
12/10/22 7:00	0	-7	726	210003
12/10/22 7:30	0	-7	725	210003
12/10/22 8:00	0	-7	723	210003
12/10/22 8:30	0	-7	722	210003
12/10/22 9:00	0	-7	720	210003
12/10/22 9:30	0	-7	719	210003
12/10/22 10:00	0	-7	718	210003
12/10/22 10:30	0	-7	717	210003
12/10/22 11:00	0	-7	715	210003
12/10/22 11:30	0	-7	714	210003
12/10/22 12:00	0	-7	712	210003
12/10/22 12:30	0	-7	711	210003
12/10/22 13:00	0	-7	710	210003
12/10/22 13:30	0	-7	709	210003
12/10/22 14:00	0	-7	708	210003
12/10/22 14:30	0	-7	707	210003
12/10/22 15:00	0	-7	705	210003
12/10/22 15:30	0	-7	704	210003
12/10/22 16:00	0	-7	703	210003
12/10/22 16:30	0	-7	702	210003
12/10/22 17:00	0	-7	701	210003
12/10/22 17:30	0	-7	700	210003
12/10/22 18:00	0	-7	699	210003
12/10/22 18:30	0	-7	697	210003
12/10/22 19:00	0	-7	696	210003
12/10/22 19:30	0	-7	696	210003
12/10/22 20:00	0	-7	695	210003
12/10/22 20:30	0	-7	694	210003
12/10/22 21:00	0	-7	693	210003
12/10/22 21:30	0	-7	692	210003
12/10/22 22:00	0	-7	691	210003
12/10/22 22:30	0	-7	690	210003
12/10/22 23:00	0	-7	689	210003
12/10/22 23:30	0	-7	688	210003
12/11/22 0:00	0	-7	687	210003
12/11/22 0:30	0	-7	686	210003
12/11/22 1:00	0	-7	686	210003
12/11/22 1:30	0	-7	686	210003
12/11/22 2:00	0	-7	684	210003
12/11/22 2:30	0	-7	683	210003
12/11/22 3:00	0	-7	682	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/11/22 3:30	0	-7	681	210003
12/11/22 4:00	0	-7	681	210003
12/11/22 4:30	0	-7	680	210003
12/11/22 5:00	0	-7	679	210003
12/11/22 5:30	0	-7	678	210003
12/11/22 6:00	0	-7	678	210003
12/11/22 6:30	0	-7	677	210003
12/11/22 7:00	0	-7	676	210003
12/11/22 7:30	0	-7	676	210003
12/11/22 8:00	0	-7	675	210003
12/11/22 8:30	0	-7	674	210003
12/11/22 9:00	0	-7	673	210003
12/11/22 9:30	0	-7	673	210003
12/11/22 10:00	0	-7	672	210003
12/11/22 10:30	0	-7	672	210003
12/11/22 11:00	0	-7	671	210003
12/11/22 11:30	0	-7	670	210003
12/11/22 12:00	0	-7	669	210003
12/11/22 12:30	0	-7	669	210003
12/11/22 13:00	0	-7	668	210003
12/11/22 13:30	0	-7	668	210003
12/11/22 14:00	0	-7	667	210003
12/11/22 14:30	0	-7	666	210003
12/11/22 15:00	0	-7	666	210003
12/11/22 15:30	0	-6	665	210003
12/11/22 16:00	0	-6	664	210003
12/11/22 16:30	0	-6	664	210003
12/11/22 17:00	0	-6	663	210003
12/11/22 17:30	0	-6	662	210003
12/11/22 18:00	0	-6	662	210003
12/11/22 18:30	0	-6	661	210003
12/11/22 19:00	0	-6	661	210003
12/11/22 19:30	0	-6	660	210003
12/11/22 20:00	0	-6	659	210003
12/11/22 20:30	0	-6	659	210003
12/11/22 21:00	0	-6	658	210003
12/11/22 21:30	0	-6	658	210003
12/11/22 22:00	0	-6	657	210003
12/11/22 22:30	0	-6	657	210003
12/11/22 23:00	0	-6	656	210003
12/11/22 23:30	0	-6	656	210003
12/12/22 0:00	0	-6	655	210003
12/12/22 0:30	0	-6	655	210003
12/12/22 1:00	0	-6	654	210003
12/12/22 1:30	0	-6	654	210003
12/12/22 2:00	0	-6	653	210003
12/12/22 2:30	0	-6	653	210003
12/12/22 3:00	0	-6	652	210003
12/12/22 3:30	0	-6	652	210003
12/12/22 4:00	0	-5	651	210003
12/12/22 4:30	0	-5	650	210003
12/12/22 5:00	0	-5	650	210003
12/12/22 5:30	0	-5	650	210003
12/12/22 6:00	0	-5	649	210003
12/12/22 6:30	0	-5	649	210003
12/12/22 7:00	0	-5	648	210003
12/12/22 7:30	0	-5	648	210003
12/12/22 8:00	0	-5	647	210003
12/12/22 8:30	0	-5	647	210003
12/12/22 9:00	0	-5	646	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/12/22 9:30	0	-5	646	210003
12/12/22 10:00	0	-5	646	210003
12/12/22 10:30	0	-5	645	210003
12/12/22 11:00	0	-5	645	210003
12/12/22 11:30	0	-5	644	210003
12/12/22 12:00	0	-5	644	210003
12/12/22 12:30	0	-5	643	210003
12/12/22 13:00	0	-5	643	210003
12/12/22 13:30	0	-5	642	210003
12/12/22 14:00	0	-5	642	210003
12/12/22 14:30	0	-5	641	210003
12/12/22 15:00	0	-5	641	210003
12/12/22 15:30	0	-5	641	210003
12/12/22 16:00	0	-4	640	210003
12/12/22 16:30	0	-4	640	210003
12/12/22 17:00	0	-4	639	210003
12/12/22 17:30	0	-4	639	210003
12/12/22 18:00	0	-4	639	210003
12/12/22 18:30	0	-4	639	210003
12/12/22 19:00	0	-4	638	210003
12/12/22 19:30	0	-4	637	210003
12/12/22 20:00	0	-4	637	210003
12/12/22 20:30	0	-4	637	210003
12/12/22 21:00	0	-4	636	210003
12/12/22 21:30	0	-4	636	210003
12/12/22 22:00	0	-4	635	210003
12/12/22 22:30	0	-4	635	210003
12/12/22 23:00	0	-4	635	210003
12/12/22 23:30	0	-4	634	210003
12/13/22 0:00	0	-4	634	210003
12/13/22 0:30	0	-4	634	210003
12/13/22 1:00	0	-4	633	210003
12/13/22 1:30	0	-4	633	210003
12/13/22 2:00	0	-4	632	210003
12/13/22 2:30	0	-4	632	210003
12/13/22 3:00	0	-4	632	210003
12/13/22 3:30	0	-4	631	210003
12/13/22 4:00	0	-4	631	210003
12/13/22 4:30	0	-4	630	210003
12/13/22 5:00	0	-3	630	210003
12/13/22 5:30	0	-3	630	210003
12/13/22 6:00	0	-3	630	210003
12/13/22 6:30	0	-3	629	210003
12/13/22 7:00	0	-3	629	210003
12/13/22 7:30	0	-3	628	210003
12/13/22 8:00	0	-3	628	210003
12/13/22 8:30	0	-3	628	210003
12/13/22 9:00	0	-3	627	210003
12/13/22 9:30	0	-3	627	210003
12/13/22 10:00	0	-3	627	210003
12/13/22 10:30	0	-3	627	210003
12/13/22 11:00	0	-3	627	210003
12/13/22 11:30	0	-3	626	210003
12/13/22 12:00	0	-3	626	210003
12/13/22 12:30	0	-3	626	210003
12/13/22 13:00	0	-3	625	210003
12/13/22 13:30	0	-3	625	210003
12/13/22 14:00	0	-3	624	210003
12/13/22 14:30	0	-3	624	210003
12/13/22 15:00	0	-3	624	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/13/22 15:30	0	-2	624	210003
12/13/22 16:00	0	-2	623	210003
12/13/22 16:30	0	-2	623	210003
12/13/22 17:00	0	-2	623	210003
12/13/22 17:30	0	-2	622	210003
12/13/22 18:00	0	-2	622	210003
12/13/22 18:30	0	-2	622	210003
12/13/22 19:00	0	-2	621	210003
12/13/22 19:30	0	-2	621	210003
12/13/22 20:00	0	-2	621	210003
12/13/22 20:30	0	-2	621	210003
12/13/22 21:00	0	-2	620	210003
12/13/22 21:30	0	-2	620	210003
12/13/22 22:00	0	-2	620	210003
12/13/22 22:30	0	-2	619	210003
12/13/22 23:00	0	-2	619	210003
12/13/22 23:30	0	-2	619	210003
12/14/22 0:00	0	-2	619	210003
12/14/22 0:30	0	-2	618	210003
12/14/22 1:00	0	-2	618	210003
12/14/22 1:30	0	-2	618	210003
12/14/22 2:00	0	-2	617	210003
12/14/22 2:30	0	-2	617	210003
12/14/22 3:00	0	-1	617	210003
12/14/22 3:30	0	-1	617	210003
12/14/22 4:00	0	-1	616	210003
12/14/22 4:30	0	-1	616	210003
12/14/22 5:00	0	-1	616	210003
12/14/22 5:30	0	-1	615	210003
12/14/22 6:00	0	-1	615	210003
12/14/22 6:30	0	-1	615	210003
12/14/22 7:00	0	-1	615	210003
12/14/22 7:30	0	-1	614	210003
12/14/22 8:00	0	-1	614	210003
12/14/22 8:30	0	-1	614	210003
12/14/22 9:00	0	-1	614	210003
12/14/22 9:30	0	-1	613	210003
12/14/22 10:00	0	-1	613	210003
12/14/22 10:30	0	-1	613	210003
12/14/22 11:00	0	-1	613	210003
12/14/22 11:30	0	-1	613	210003
12/14/22 12:00	0	-1	612	210003
12/14/22 12:30	0	-1	612	210003
12/14/22 13:00	0	-1	612	210003
12/14/22 13:30	0	-1	612	210003
12/14/22 14:00	0	0	611	210003
12/14/22 14:30	0	0	611	210003
12/14/22 15:00	0	0	611	210003
12/14/22 15:30	0	0	611	210003
12/14/22 16:00	0	0	610	210003
12/14/22 16:30	0	0	610	210003
12/14/22 17:00	0	0	610	210003
12/14/22 17:30	0	0	610	210003
12/14/22 18:00	0	0	609	210003
12/14/22 18:30	0	0	609	210003
12/14/22 19:00	0	0	608	210003
12/14/22 19:30	0	0	608	210003
12/14/22 20:00	0	0	608	210003
12/14/22 20:30	0	0	608	210003
12/14/22 21:00	0	0	608	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/14/22 21:30	0	0	608	210003
12/14/22 22:00	0	0	607	210003
12/14/22 22:30	0	0	607	210003
12/14/22 23:00	0	0	607	210003
12/14/22 23:30	0	0	607	210003
12/15/22 0:00	0	0	607	210003
12/15/22 0:30	0	1	606	210003
12/15/22 1:00	0	1	606	210003
12/15/22 1:30	0	1	606	210003
12/15/22 2:00	0	1	606	210003
12/15/22 2:30	0	1	605	210003
12/15/22 3:00	0	1	605	210003
12/15/22 3:30	0	1	605	210003
12/15/22 4:00	0	1	605	210003
12/15/22 4:30	0	1	605	210003
12/15/22 5:00	0	1	604	210003
12/15/22 5:30	0	1	604	210003
12/15/22 6:00	0	1	604	210003
12/15/22 6:30	0	1	604	210003
12/15/22 7:00	0	1	603	210003
12/15/22 7:30	0	1	603	210003
12/15/22 8:00	0	1	603	210003
12/15/22 8:30	0	1	603	210003
12/15/22 9:00	0	1	603	210003
12/15/22 9:30	0	1	602	210003
12/15/22 10:00	0	1	602	210003
12/15/22 10:30	0	1	602	210003
12/15/22 11:00	0	1	602	210003
12/15/22 11:30	0	2	602	210003
12/15/22 12:00	0	2	602	210003
12/15/22 12:30	0	2	602	210003
12/15/22 13:00	0	2	602	210003
12/15/22 13:30	0	2	601	210003
12/15/22 14:00	0	2	601	210003
12/15/22 14:30	0	2	601	210003
12/15/22 15:00	0	2	600	210003
12/15/22 15:30	0	2	600	210003
12/15/22 16:00	0	2	600	210003
12/15/22 16:30	0	2	600	210003
12/15/22 17:00	0	2	600	210003
12/15/22 17:30	0	2	599	210003
12/15/22 18:00	0	2	599	210003
12/15/22 18:30	0	2	599	210003
12/15/22 19:00	0	2	598	210003
12/15/22 19:30	0	2	598	210003
12/15/22 20:00	0	3	598	210003
12/15/22 20:30	0	3	598	210003
12/15/22 21:00	0	3	598	210003
12/15/22 21:30	0	3	598	210003
12/15/22 22:00	0	3	598	210003
12/15/22 22:30	0	3	597	210003
12/15/22 23:00	0	3	597	210003
12/15/22 23:30	0	3	597	210003
12/16/22 0:00	0	3	597	210003
12/16/22 0:30	0	3	597	210003
12/16/22 1:00	0	3	596	210003
12/16/22 1:30	0	3	596	210003
12/16/22 2:00	0	3	596	210003
12/16/22 2:30	0	3	596	210003
12/16/22 3:00	0	3	596	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/16/22 3:30	0	3	596	210003
12/16/22 4:00	0	3	595	210003
12/16/22 4:30	0	3	595	210003
12/16/22 5:00	0	3	595	210003
12/16/22 5:30	0	3	595	210003
12/16/22 6:00	0	3	594	210003
12/16/22 6:30	0	3	594	210003
12/16/22 7:00	0	3	594	210003
12/16/22 7:30	0	3	594	210003
12/16/22 8:00	0	4	594	210003
12/16/22 8:30	0	4	594	210003
12/16/22 9:00	0	4	593	210003
12/16/22 9:30	0	4	593	210003
12/16/22 10:00	0	4	593	210003
12/16/22 10:30	0	4	593	210003
12/16/22 11:00	0	4	593	210003
12/16/22 11:30	0	4	593	210003
12/16/22 12:00	0	4	593	210003
12/16/22 12:30	0	4	593	210003
12/16/22 13:00	0	4	592	210003
12/16/22 13:30	0	4	592	210003
12/16/22 14:00	0	4	592	210003
12/16/22 14:30	0	4	592	210003
12/16/22 15:00	0	5	592	210003
12/16/22 15:30	0	5	591	210003
12/16/22 16:00	0	5	591	210003
12/16/22 16:30	0	5	591	210003
12/16/22 17:00	0	5	591	210003
12/16/22 17:30	0	5	590	210003
12/16/22 18:00	0	5	590	210003
12/16/22 18:30	0	5	590	210003
12/16/22 19:00	0	5	590	210003
12/16/22 19:30	0	5	590	210003
12/16/22 20:00	0	5	590	210003
12/16/22 20:30	0	5	590	210003
12/16/22 21:00	0	5	589	210003
12/16/22 21:30	0	5	589	210003
12/16/22 22:00	0	5	589	210003
12/16/22 22:30	0	5	589	210003
12/16/22 23:00	0	5	589	210003
12/16/22 23:30	0	5	589	210003
12/17/22 0:00	0	5	589	210003
12/17/22 0:30	0	5	588	210003
12/17/22 1:00	0	6	588	210003
12/17/22 1:30	0	6	588	210003
12/17/22 2:00	0	6	588	210003
12/17/22 2:30	0	6	588	210003
12/17/22 3:00	0	6	588	210003
12/17/22 3:30	0	6	588	210003
12/17/22 4:00	0	6	587	210003
12/17/22 4:30	0	6	587	210003
12/17/22 5:00	0	6	587	210003
12/17/22 5:30	0	6	587	210003
12/17/22 6:00	0	6	587	210003
12/17/22 6:30	0	6	587	210003
12/17/22 7:00	0	6	586	210003
12/17/22 7:30	0	6	586	210003
12/17/22 8:00	0	6	586	210003
12/17/22 8:30	0	6	586	210003
12/17/22 9:00	0	6	586	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/17/22 9:30	0	6	586	210003
12/17/22 10:00	0	6	586	210003
12/17/22 10:30	0	6	586	210003
12/17/22 11:00	0	6	586	210003
12/17/22 11:30	0	6	586	210003
12/17/22 12:00	0	6	585	210003
12/17/22 12:30	0	7	585	210003
12/17/22 13:00	0	7	585	210003
12/17/22 13:30	0	7	585	210003
12/17/22 14:00	0	7	585	210003
12/17/22 14:30	0	7	585	210003
12/17/22 15:00	0	7	584	210003
12/17/22 15:30	0	7	584	210003
12/17/22 16:00	0	7	584	210003
12/17/22 16:30	0	7	584	210003
12/17/22 17:00	0	7	584	210003
12/17/22 17:30	0	7	583	210003
12/17/22 18:00	0	8	583	210003
12/17/22 18:30	0	8	583	210003
12/17/22 19:00	0	8	583	210003
12/17/22 19:30	0	8	583	210003
12/17/22 20:00	0	8	583	210003
12/17/22 20:30	0	8	583	210003
12/17/22 21:00	0	8	582	210003
12/17/22 21:30	0	8	582	210003
12/17/22 22:00	0	8	582	210003
12/17/22 22:30	0	8	582	210003
12/17/22 23:00	0	8	582	210003
12/17/22 23:30	0	8	582	210003
12/18/22 0:00	0	8	582	210003
12/18/22 0:30	0	8	582	210003
12/18/22 1:00	0	8	582	210003
12/18/22 1:30	0	8	581	210003
12/18/22 2:00	0	8	581	210003
12/18/22 2:30	0	8	581	210003
12/18/22 3:00	0	8	581	210003
12/18/22 3:30	0	8	581	210003
12/18/22 4:00	0	8	581	210003
12/18/22 4:30	0	8	581	210003
12/18/22 5:00	0	8	581	210003
12/18/22 5:30	0	8	581	210003
12/18/22 6:00	0	8	581	210003
12/18/22 6:30	0	8	580	210003
12/18/22 7:00	0	8	580	210003
12/18/22 7:30	0	8	580	210003
12/18/22 8:00	0	8	580	210003
12/18/22 8:30	0	8	580	210003
12/18/22 9:00	0	8	580	210003
12/18/22 9:30	0	9	580	210003
12/18/22 10:00	0	9	580	210003
12/18/22 10:30	0	9	580	210003
12/18/22 11:00	0	9	580	210003
12/18/22 11:30	0	9	580	210003
12/18/22 12:00	0	9	580	210003
12/18/22 12:30	0	9	579	210003
12/18/22 13:00	0	9	579	210003
12/18/22 13:30	0	9	579	210003
12/18/22 14:00	0	9	579	210003
12/18/22 14:30	0	9	578	210003
12/18/22 15:00	0	9	578	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/18/22 15:30	0	9	578	210003
12/18/22 16:00	0	9	578	210003
12/18/22 16:30	0	10	578	210003
12/18/22 17:00	0	10	578	210003
12/18/22 17:30	0	10	577	210003
12/18/22 18:00	0	10	577	210003
12/18/22 18:30	0	10	577	210003
12/18/22 19:00	0	10	577	210003
12/18/22 19:30	0	10	577	210003
12/18/22 20:00	0	10	577	210003
12/18/22 20:30	0	10	577	210003
12/18/22 21:00	0	10	577	210003
12/18/22 21:30	0	10	576	210003
12/18/22 22:00	0	10	576	210003
12/18/22 22:30	0	10	576	210003
12/18/22 23:00	0	10	576	210003
12/18/22 23:30	0	10	576	210003
12/19/22 0:00	0	10	576	210003
12/19/22 0:30	0	10	576	210003
12/19/22 1:00	0	10	576	210003
12/19/22 1:30	0	10	576	210003
12/19/22 2:00	0	10	575	210003
12/19/22 2:30	0	11	575	210003
12/19/22 3:00	0	11	575	210003
12/19/22 3:30	0	11	575	210003
12/19/22 4:00	0	11	575	210003
12/19/22 4:30	0	11	575	210003
12/19/22 5:00	0	11	575	210003
12/19/22 5:30	0	11	575	210003
12/19/22 6:00	0	11	575	210003
12/19/22 6:30	0	11	575	210003
12/19/22 7:00	0	11	575	210003
12/19/22 7:30	0	11	574	210003
12/19/22 8:00	0	11	574	210003
12/19/22 8:30	0	11	574	210003
12/19/22 9:00	0	11	574	210003
12/19/22 9:30	0	11	574	210003
12/19/22 10:00	0	11	574	210003
12/19/22 10:30	0	11	574	210003
12/19/22 11:00	0	11	574	210003
12/19/22 11:30	0	11	574	210003
12/19/22 12:00	0	11	574	210003
12/19/22 12:30	0	11	573	210003
12/19/22 13:00	0	11	573	210003
12/19/22 13:30	0	12	573	210003
12/19/22 14:00	0	12	573	210003
12/19/22 14:30	0	12	573	210003
12/19/22 15:00	0	12	573	210003
12/19/22 15:30	0	12	572	210003
12/19/22 16:00	0	12	572	210003
12/19/22 16:30	0	12	572	210003
12/19/22 17:00	0	12	572	210003
12/19/22 17:30	0	12	572	210003
12/19/22 18:00	0	12	572	210003
12/19/22 18:30	0	13	572	210003
12/19/22 19:00	0	13	571	210003
12/19/22 19:30	0	13	571	210003
12/19/22 20:00	0	13	571	210003
12/19/22 20:30	0	13	571	210003
12/19/22 21:00	0	13	571	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/19/22 21:30	0	13	571	210003
12/19/22 22:00	0	13	571	210003
12/19/22 22:30	0	13	571	210003
12/19/22 23:00	0	13	571	210003
12/19/22 23:30	0	13	571	210003
12/20/22 0:00	0	13	571	210003
12/20/22 0:30	0	13	570	210003
12/20/22 1:00	0	13	570	210003
12/20/22 1:30	0	13	570	210003
12/20/22 2:00	0	13	570	210003
12/20/22 2:30	0	13	570	210003
12/20/22 3:00	0	13	570	210003
12/20/22 3:30	0	13	570	210003
12/20/22 4:00	0	13	570	210003
12/20/22 4:30	0	13	570	210003
12/20/22 5:00	0	13	569	210003
12/20/22 5:30	0	13	569	210003
12/20/22 6:00	0	13	569	210003
12/20/22 6:30	0	13	569	210003
12/20/22 7:00	0	13	569	210003
12/20/22 7:30	0	13	569	210003
12/20/22 8:00	0	13	569	210003
12/20/22 8:30	0	13	569	210003
12/20/22 9:00	0	13	569	210003
12/20/22 9:30	0	13	569	210003
12/20/22 10:00	0	13	569	210003
12/20/22 10:30	0	13	569	210003
12/20/22 11:00	0	13	569	210003
12/20/22 11:30	0	14	569	210003
12/20/22 12:00	0	14	569	210003
12/20/22 12:30	0	14	569	210003
12/20/22 13:00	0	14	568	210003
12/20/22 13:30	0	14	568	210003
12/20/22 14:00	0	14	568	210003
12/20/22 14:30	0	14	568	210003
12/20/22 15:00	0	14	568	210003
12/20/22 15:30	0	14	568	210003
12/20/22 16:00	0	14	568	210003
12/20/22 16:30	0	14	568	210003
12/20/22 17:00	0	14	567	210003
12/20/22 17:30	0	14	567	210003
12/20/22 18:00	0	14	567	210003
12/20/22 18:30	0	14	567	210003
12/20/22 19:00	0	15	567	210003
12/20/22 19:30	0	15	567	210003
12/20/22 20:00	0	15	567	210003
12/20/22 20:30	0	15	567	210003
12/20/22 21:00	0	15	567	210003
12/20/22 21:30	0	15	567	210003
12/20/22 22:00	0	15	567	210003
12/20/22 22:30	0	15	567	210003
12/20/22 23:00	0	15	566	210003
12/20/22 23:30	0	15	566	210003
12/21/22 0:00	0	15	566	210003
12/21/22 0:30	0	15	566	210003
12/21/22 1:00	0	15	566	210003
12/21/22 1:30	0	15	566	210003
12/21/22 2:00	0	15	566	210003
12/21/22 2:30	0	15	566	210003
12/21/22 3:00	0	15	566	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/21/22 3:30	0	15	566	210003
12/21/22 4:00	0	15	566	210003
12/21/22 4:30	0	15	565	210003
12/21/22 5:00	0	15	565	210003
12/21/22 5:30	0	15	565	210003
12/21/22 6:00	0	15	565	210003
12/21/22 6:30	0	15	565	210003
12/21/22 7:00	0	15	565	210003
12/21/22 7:30	0	15	565	210003
12/21/22 8:00	0	15	565	210003
12/21/22 8:30	0	15	565	210003
12/21/22 9:00	0	15	565	210003
12/21/22 9:30	0	15	565	210003
12/21/22 10:00	0	15	565	210003
12/21/22 10:30	0	15	565	210003
12/21/22 11:00	0	16	565	210003
12/21/22 11:30	0	16	565	210003
12/21/22 12:00	0	16	565	210003
12/21/22 12:30	0	16	565	210003
12/21/22 13:00	0	16	564	210003
12/21/22 13:30	0	16	564	210003
12/21/22 14:00	0	16	564	210003
12/21/22 14:30	0	16	564	210003
12/21/22 15:00	0	16	564	210003
12/21/22 15:30	0	16	564	210003
12/21/22 16:00	0	16	564	210003
12/21/22 16:30	0	17	564	210003
12/21/22 17:00	0	17	564	210003
12/21/22 17:30	0	17	563	210003
12/21/22 18:00	0	17	563	210003
12/21/22 18:30	0	17	563	210003
12/21/22 19:00	0	17	563	210003
12/21/22 19:30	0	17	563	210003
12/21/22 20:00	0	17	563	210003
12/21/22 20:30	0	17	563	210003
12/21/22 21:00	0	17	563	210003
12/21/22 21:30	0	17	563	210003
12/21/22 22:00	0	17	563	210003
12/21/22 22:30	0	17	563	210003
12/21/22 23:00	0	17	562	210003
12/21/22 23:30	0	17	562	210003
12/22/22 0:00	0	17	562	210003
12/22/22 0:30	0	17	562	210003
12/22/22 1:00	0	17	562	210003
12/22/22 1:30	0	17	562	210003
12/22/22 2:00	0	17	562	210003
12/22/22 2:30	0	17	562	210003
12/22/22 3:00	0	17	562	210003
12/22/22 3:30	0	17	562	210003
12/22/22 4:00	0	17	562	210003
12/22/22 4:30	0	17	562	210003
12/22/22 5:00	0	17	561	210003
12/22/22 5:30	0	17	561	210003
12/22/22 6:00	0	17	561	210003
12/22/22 6:30	0	17	561	210003
12/22/22 7:00	0	17	561	210003
12/22/22 7:30	0	17	561	210003
12/22/22 8:00	0	17	561	210003
12/22/22 8:30	0	17	561	210003
12/22/22 9:00	0	17	561	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/22/22 9:30	0	17	561	210003
12/22/22 10:00	0	17	561	210003
12/22/22 10:30	0	17	561	210003
12/22/22 11:00	0	17	561	210003
12/22/22 11:30	0	18	561	210003
12/22/22 12:00	0	18	561	210003
12/22/22 12:30	0	18	561	210003
12/22/22 13:00	0	18	561	210003
12/22/22 13:30	0	18	560	210003
12/22/22 14:00	0	18	560	210003
12/22/22 14:30	0	18	560	210003
12/22/22 15:00	0	18	560	210003
12/22/22 15:30	0	18	560	210003
12/22/22 16:00	0	18	560	210003
12/22/22 16:30	0	19	560	210003
12/22/22 17:00	0	19	560	210003
12/22/22 17:30	0	19	560	210003
12/22/22 18:00	0	19	559	210003
12/22/22 18:30	0	19	559	210003
12/22/22 19:00	0	19	559	210003
12/22/22 19:30	0	19	559	210003
12/22/22 20:00	0	19	559	210003
12/22/22 20:30	0	19	559	210003
12/22/22 21:00	0	19	559	210003
12/22/22 21:30	0	19	559	210003
12/22/22 22:00	0	19	559	210003
12/22/22 22:30	0	19	559	210003
12/22/22 23:00	0	19	559	210003
12/22/22 23:30	0	19	559	210003
12/23/22 0:00	0	19	559	210003
12/23/22 0:30	0	19	558	210003
12/23/22 1:00	0	19	558	210003
12/23/22 1:30	0	19	558	210003
12/23/22 2:00	0	19	558	210003
12/23/22 2:30	0	19	558	210003
12/23/22 3:00	0	19	558	210003
12/23/22 3:30	0	19	558	210003
12/23/22 4:00	0	19	558	210003
12/23/22 4:30	0	19	558	210003
12/23/22 5:00	0	20	558	210003
12/23/22 5:30	0	20	558	210003
12/23/22 6:00	0	20	558	210003
12/23/22 6:30	0	20	558	210003
12/23/22 7:00	0	20	558	210003
12/23/22 7:30	0	20	558	210003
12/23/22 8:00	0	20	558	210003
12/23/22 8:30	0	20	557	210003
12/23/22 9:00	0	20	557	210003
12/23/22 9:30	0	20	557	210003
12/23/22 10:00	0	20	557	210003
12/23/22 10:30	0	20	557	210003
12/23/22 11:00	0	20	557	210003
12/23/22 11:30	0	20	558	210003
12/23/22 12:00	0	20	558	210003
12/23/22 12:30	0	20	557	210003
12/23/22 13:00	0	20	557	210003
12/23/22 13:30	0	20	557	210003
12/23/22 14:00	0	21	557	210003
12/23/22 14:30	0	21	557	210003
12/23/22 15:00	0	21	556	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/23/22 15:30	0	21	556	210003
12/23/22 16:00	0	21	556	210003
12/23/22 16:30	0	21	556	210003
12/23/22 17:00	0	21	556	210003
12/23/22 17:30	0	21	556	210003
12/23/22 18:00	0	21	556	210003
12/23/22 18:30	0	21	556	210003
12/23/22 19:00	0	21	556	210003
12/23/22 19:30	0	21	556	210003
12/23/22 20:00	0	21	556	210003
12/23/22 20:30	0	21	556	210003
12/23/22 21:00	0	21	556	210003
12/23/22 21:30	0	21	556	210003
12/23/22 22:00	0	21	556	210003
12/23/22 22:30	0	21	555	210003
12/23/22 23:00	0	21	555	210003
12/23/22 23:30	0	21	555	210003
12/24/22 0:00	0	21	555	210003
12/24/22 0:30	0	21	555	210003
12/24/22 1:00	0	21	555	210003
12/24/22 1:30	0	21	555	210003
12/24/22 2:00	0	21	555	210003
12/24/22 2:30	0	21	555	210003
12/24/22 3:00	0	21	555	210003
12/24/22 3:30	0	21	555	210003
12/24/22 4:00	0	21	555	210003
12/24/22 4:30	0	21	555	210003
12/24/22 5:00	0	21	554	210003
12/24/22 5:30	0	21	554	210003
12/24/22 6:00	0	21	554	210003
12/24/22 6:30	0	22	554	210003
12/24/22 7:00	0	22	554	210003
12/24/22 7:30	0	22	554	210003
12/24/22 8:00	0	22	554	210003
12/24/22 8:30	0	22	554	210003
12/24/22 9:00	0	22	554	210003
12/24/22 9:30	0	22	554	210003
12/24/22 10:00	0	22	554	210003
12/24/22 10:30	0	22	554	210003
12/24/22 11:00	0	22	554	210003
12/24/22 11:30	0	22	554	210003
12/24/22 12:00	0	22	554	210003
12/24/22 12:30	0	22	554	210003
12/24/22 13:00	0	22	554	210003
12/24/22 13:30	0	22	554	210003
12/24/22 14:00	0	22	554	210003
12/24/22 14:30	0	23	553	210003
12/24/22 15:00	0	23	553	210003
12/24/22 15:30	0	23	553	210003
12/24/22 16:00	0	23	553	210003
12/24/22 16:30	0	23	553	210003
12/24/22 17:00	0	23	553	210003
12/24/22 17:30	0	23	553	210003
12/24/22 18:00	0	23	553	210003
12/24/22 18:30	0	23	553	210003
12/24/22 19:00	0	23	552	210003
12/24/22 19:30	0	23	552	210003
12/24/22 20:00	0	23	552	210003
12/24/22 20:30	0	23	553	210003
12/24/22 21:00	0	23	552	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/24/22 21:30	0	23	552	210003
12/24/22 22:00	0	23	552	210003
12/24/22 22:30	0	23	552	210003
12/24/22 23:00	0	23	552	210003
12/24/22 23:30	0	23	552	210003
12/25/22 0:00	0	23	552	210003
12/25/22 0:30	0	23	552	210003
12/25/22 1:00	0	23	552	210003
12/25/22 1:30	0	23	552	210003
12/25/22 2:00	0	23	552	210003
12/25/22 2:30	0	23	552	210003
12/25/22 3:00	0	23	552	210003
12/25/22 3:30	0	23	552	210003
12/25/22 4:00	0	23	552	210003
12/25/22 4:30	0	23	551	210003
12/25/22 5:00	0	23	551	210003
12/25/22 5:30	0	24	551	210003
12/25/22 6:00	0	24	551	210003
12/25/22 6:30	0	24	551	210003
12/25/22 7:00	0	24	551	210003
12/25/22 7:30	0	24	551	210003
12/25/22 8:00	0	24	551	210003
12/25/22 8:30	0	24	551	210003
12/25/22 9:00	0	24	551	210003
12/25/22 9:30	0	24	551	210003
12/25/22 10:00	0	24	551	210003
12/25/22 10:30	0	24	551	210003
12/25/22 11:00	0	24	551	210003
12/25/22 11:30	0	24	551	210003
12/25/22 12:00	0	24	551	210003
12/25/22 12:30	0	24	551	210003
12/25/22 13:00	0	24	551	210003
12/25/22 13:30	0	24	551	210003
12/25/22 14:00	0	24	551	210003
12/25/22 14:30	0	25	551	210003
12/25/22 15:00	0	25	550	210003
12/25/22 15:30	0	25	550	210003
12/25/22 16:00	0	25	550	210003
12/25/22 16:30	0	25	550	210003
12/25/22 17:00	0	25	550	210003
12/25/22 17:30	0	25	550	210003
12/25/22 18:00	0	25	550	210003
12/25/22 18:30	0	25	550	210003
12/25/22 19:00	0	25	550	210003
12/25/22 19:30	0	25	550	210003
12/25/22 20:00	0	25	550	210003
12/25/22 20:30	0	25	550	210003
12/25/22 21:00	0	25	550	210003
12/25/22 21:30	0	25	550	210003
12/25/22 22:00	0	25	550	210003
12/25/22 22:30	0	25	550	210003
12/25/22 23:00	0	25	550	210003
12/25/22 23:30	0	25	549	210003
12/26/22 0:00	0	25	549	210003
12/26/22 0:30	0	25	549	210003
12/26/22 1:00	0	25	549	210003
12/26/22 1:30	0	25	549	210003
12/26/22 2:00	0	25	549	210003
12/26/22 2:30	0	25	549	210003
12/26/22 3:00	0	25	549	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/26/22 3:30	0	25	549	210003
12/26/22 4:00	0	25	549	210003
12/26/22 4:30	0	25	549	210003
12/26/22 5:00	0	25	549	210003
12/26/22 5:30	0	25	549	210003
12/26/22 6:00	0	25	549	210003
12/26/22 6:30	0	25	549	210003
12/26/22 7:00	0	25	549	210003
12/26/22 7:30	0	25	549	210003
12/26/22 8:00	0	26	548	210003
12/26/22 8:30	0	26	548	210003
12/26/22 9:00	0	26	548	210003
12/26/22 9:30	0	26	548	210003
12/26/22 10:00	0	26	548	210003
12/26/22 10:30	0	26	549	210003
12/26/22 11:00	0	26	549	210003
12/26/22 11:30	0	26	549	210003
12/26/22 12:00	0	26	548	210003
12/26/22 12:30	0	26	548	210003
12/26/22 13:00	0	26	548	210003
12/26/22 13:30	0	26	548	210003
12/26/22 14:00	0	26	548	210003
12/26/22 14:30	0	26	548	210003
12/26/22 15:00	0	26	548	210003
12/26/22 15:30	0	27	548	210003
12/26/22 16:00	0	27	548	210003
12/26/22 16:30	0	27	548	210003
12/26/22 17:00	0	27	548	210003
12/26/22 17:30	0	27	547	210003
12/26/22 18:00	0	27	547	210003
12/26/22 18:30	0	27	547	210003
12/26/22 19:00	0	27	547	210003
12/26/22 19:30	0	27	547	210003
12/26/22 20:00	0	27	547	210003
12/26/22 20:30	0	27	547	210003
12/26/22 21:00	0	27	547	210003
12/26/22 21:30	0	27	547	210003
12/26/22 22:00	0	27	547	210003
12/26/22 22:30	0	27	547	210003
12/26/22 23:00	0	27	547	210003
12/26/22 23:30	0	27	547	210003
12/27/22 0:00	0	27	547	210003
12/27/22 0:30	0	27	547	210003
12/27/22 1:00	0	27	547	210003
12/27/22 1:30	0	27	547	210003
12/27/22 2:00	0	27	547	210003
12/27/22 2:30	0	27	547	210003
12/27/22 3:00	0	27	546	210003
12/27/22 3:30	0	27	546	210003
12/27/22 4:00	0	27	546	210003
12/27/22 4:30	0	27	546	210003
12/27/22 5:00	0	27	546	210003
12/27/22 5:30	0	27	546	210003
12/27/22 6:00	0	27	546	210003
12/27/22 6:30	0	27	546	210003
12/27/22 7:00	0	27	546	210003
12/27/22 7:30	0	27	546	210003
12/27/22 8:00	0	27	546	210003
12/27/22 8:30	0	27	546	210003
12/27/22 9:00	0	27	546	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/27/22 9:30	0	28	546	210003
12/27/22 10:00	0	28	546	210003
12/27/22 10:30	0	28	546	210003
12/27/22 11:00	0	28	546	210003
12/27/22 11:30	0	28	546	210003
12/27/22 12:00	0	28	546	210003
12/27/22 12:30	0	28	546	210003
12/27/22 13:00	0	28	546	210003
12/27/22 13:30	0	28	545	210003
12/27/22 14:00	0	28	546	210003
12/27/22 14:30	0	28	546	210003
12/27/22 15:00	0	28	546	210003
12/27/22 15:30	0	28	545	210003
12/27/22 16:00	0	28	545	210003
12/27/22 16:30	0	28	545	210003
12/27/22 17:00	0	29	545	210003
12/27/22 17:30	0	29	545	210003
12/27/22 18:00	0	29	545	210003
12/27/22 18:30	0	29	545	210003
12/27/22 19:00	0	29	545	210003
12/27/22 19:30	0	29	545	210003
12/27/22 20:00	0	29	545	210003
12/27/22 20:30	0	29	545	210003
12/27/22 21:00	0	29	545	210003
12/27/22 21:30	0	29	545	210003
12/27/22 22:00	0	29	545	210003
12/27/22 22:30	0	29	545	210003
12/27/22 23:00	0	29	545	210003
12/27/22 23:30	0	29	545	210003
12/28/22 0:00	0	29	545	210003
12/28/22 0:30	0	29	544	210003
12/28/22 1:00	0	29	544	210003
12/28/22 1:30	0	29	544	210003
12/28/22 2:00	0	29	544	210003
12/28/22 2:30	0	29	544	210003
12/28/22 3:00	0	29	544	210003
12/28/22 3:30	0	29	544	210003
12/28/22 4:00	0	29	544	210003
12/28/22 4:30	0	29	544	210003
12/28/22 5:00	0	29	544	210003
12/28/22 5:30	0	29	544	210003
12/28/22 6:00	0	29	544	210003
12/28/22 6:30	0	29	544	210003
12/28/22 7:00	0	29	544	210003
12/28/22 7:30	0	29	544	210003
12/28/22 8:00	0	29	544	210003
12/28/22 8:30	0	29	544	210003
12/28/22 9:00	0	29	544	210003
12/28/22 9:30	0	29	544	210003
12/28/22 10:00	0	29	544	210003
12/28/22 10:30	0	30	544	210003
12/28/22 11:00	0	30	544	210003
12/28/22 11:30	0	30	543	210003
12/28/22 12:00	0	30	543	210003
12/28/22 12:30	0	30	543	210003
12/28/22 13:00	0	30	543	210003
12/28/22 13:30	0	30	543	210003
12/28/22 14:00	0	30	543	210003
12/28/22 14:30	0	30	543	210003
12/28/22 15:00	0	30	543	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/28/22 15:30	0	30	543	210003
12/28/22 16:00	0	30	543	210003
12/28/22 16:30	0	30	543	210003
12/28/22 17:00	0	30	543	210003
12/28/22 17:30	0	30	543	210003
12/28/22 18:00	0	30	543	210003
12/28/22 18:30	0	30	543	210003
12/28/22 19:00	0	30	542	210003
12/28/22 19:30	0	30	543	210003
12/28/22 20:00	0	30	543	210003
12/28/22 20:30	0	30	543	210003
12/28/22 21:00	0	30	542	210003
12/28/22 21:30	0	30	543	210003
12/28/22 22:00	0	30	543	210003
12/28/22 22:30	0	30	543	210003
12/28/22 23:00	0	30	542	210003
12/28/22 23:30	0	30	542	210003
12/29/22 0:00	0	30	542	210003
12/29/22 0:30	0	30	542	210003
12/29/22 1:00	0	30	542	210003
12/29/22 1:30	0	30	542	210003
12/29/22 2:00	0	30	542	210003
12/29/22 2:30	0	30	542	210003
12/29/22 3:00	0	30	542	210003
12/29/22 3:30	0	30	542	210003
12/29/22 4:00	0	30	542	210003
12/29/22 4:30	0	30	542	210003
12/29/22 5:00	0	31	542	210003
12/29/22 5:30	0	31	542	210003
12/29/22 6:00	0	31	542	210003
12/29/22 6:30	0	31	542	210003
12/29/22 7:00	0	31	542	210003
12/29/22 7:30	0	31	542	210003
12/29/22 8:00	0	31	542	210003
12/29/22 8:30	0	31	541	210003
12/29/22 9:00	0	31	541	210003
12/29/22 9:30	0	31	541	210003
12/29/22 10:00	0	31	541	210003
12/29/22 10:30	0	31	542	210003
12/29/22 11:00	0	31	542	210003
12/29/22 11:30	0	31	542	210003
12/29/22 12:00	0	31	542	210003
12/29/22 12:30	0	31	542	210003
12/29/22 13:00	0	31	541	210003
12/29/22 13:30	0	31	541	210003
12/29/22 14:00	0	31	541	210003
12/29/22 14:30	0	31	541	210003
12/29/22 15:00	0	32	541	210003
12/29/22 15:30	0	32	541	210003
12/29/22 16:00	0	32	541	210003
12/29/22 16:30	0	32	541	210003
12/29/22 17:00	0	32	541	210003
12/29/22 17:30	0	32	541	210003
12/29/22 18:00	0	32	541	210003
12/29/22 18:30	0	32	541	210003
12/29/22 19:00	0	32	540	210003
12/29/22 19:30	0	32	540	210003
12/29/22 20:00	0	32	540	210003
12/29/22 20:30	0	32	540	210003
12/29/22 21:00	0	32	540	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/29/22 21:30	0	32	540	210003
12/29/22 22:00	0	32	540	210003
12/29/22 22:30	0	32	540	210003
12/29/22 23:00	0	32	540	210003
12/29/22 23:30	0	32	540	210003
12/30/22 0:00	0	32	540	210003
12/30/22 0:30	0	32	540	210003
12/30/22 1:00	0	32	540	210003
12/30/22 1:30	0	32	540	210003
12/30/22 2:00	0	32	540	210003
12/30/22 2:30	0	32	540	210003
12/30/22 3:00	0	32	540	210003
12/30/22 3:30	0	32	540	210003
12/30/22 4:00	0	32	540	210003
12/30/22 4:30	0	32	540	210003
12/30/22 5:00	0	32	540	210003
12/30/22 5:30	0	32	540	210003
12/30/22 6:00	0	32	540	210003
12/30/22 6:30	0	32	540	210003
12/30/22 7:00	0	32	540	210003
12/30/22 7:30	0	32	540	210003
12/30/22 8:00	0	32	540	210003
12/30/22 8:30	0	32	539	210003
12/30/22 9:00	0	32	539	210003
12/30/22 9:30	0	32	539	210003
12/30/22 10:00	0	32	539	210003
12/30/22 10:30	0	32	539	210003
12/30/22 11:00	0	32	539	210003
12/30/22 11:30	0	32	539	210003
12/30/22 12:00	0	32	539	210003
12/30/22 12:30	0	32	539	210003
12/30/22 13:00	0	33	539	210003
12/30/22 13:30	0	33	539	210003
12/30/22 14:00	0	33	539	210003
12/30/22 14:30	0	33	539	210003
12/30/22 15:00	0	33	539	210003
12/30/22 15:30	0	33	539	210003
12/30/22 16:00	0	33	539	210003
12/30/22 16:30	0	33	539	210003
12/30/22 17:00	0	33	539	210003
12/30/22 17:30	0	33	539	210003
12/30/22 18:00	0	33	539	210003
12/30/22 18:30	0	33	538	210003
12/30/22 19:00	0	33	538	210003
12/30/22 19:30	0	33	538	210003
12/30/22 20:00	0	33	538	210003
12/30/22 20:30	0	33	538	210003
12/30/22 21:00	0	33	538	210003
12/30/22 21:30	0	33	538	210003
12/30/22 22:00	0	33	538	210003
12/30/22 22:30	0	33	538	210003
12/30/22 23:00	0	33	538	210003
12/30/22 23:30	0	33	538	210003
12/31/22 0:00	0	33	538	210003
12/31/22 0:30	0	33	538	210003
12/31/22 1:00	0	34	538	210003
12/31/22 1:30	0	34	538	210003
12/31/22 2:00	0	34	538	210003
12/31/22 2:30	0	34	538	210003
12/31/22 3:00	0	34	538	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/31/22 3:30	0	34	538	210003
12/31/22 4:00	0	34	538	210003
12/31/22 4:30	0	34	538	210003
12/31/22 5:00	0	34	538	210003
12/31/22 5:30	0	34	538	210003
12/31/22 6:00	0	34	538	210003
12/31/22 6:30	0	34	538	210003
12/31/22 7:00	0	34	538	210003
12/31/22 7:30	0	34	538	210003
12/31/22 8:00	0	34	538	210003
12/31/22 8:30	0	34	538	210003
12/31/22 9:00	0	34	538	210003
12/31/22 9:30	0	34	538	210003
12/31/22 10:00	0	34	537	210003
12/31/22 10:30	0	34	537	210003
12/31/22 11:00	0	34	537	210003
12/31/22 11:30	0	34	537	210003
12/31/22 12:00	0	34	537	210003
12/31/22 12:30	0	34	537	210003
12/31/22 13:00	0	34	537	210003
12/31/22 13:30	0	34	537	210003
12/31/22 14:00	0	34	537	210003
12/31/22 14:30	0	34	537	210003
12/31/22 15:00	0	34	537	210003
12/31/22 15:30	0	34	537	210003
12/31/22 16:00	0	34	537	210003
12/31/22 16:30	0	34	537	210003
12/31/22 17:00	0	34	537	210003
12/31/22 17:30	0	34	537	210003
12/31/22 18:00	0	34	537	210003
12/31/22 18:30	0	34	537	210003
12/31/22 19:00	0	35	537	210003
12/31/22 19:30	0	35	537	210003
12/31/22 20:00	0	35	537	210003
12/31/22 20:30	0	35	537	210003
12/31/22 21:00	0	35	537	210003
12/31/22 21:30	0	35	537	210003
12/31/22 22:00	0	35	537	210003
12/31/22 22:30	0	35	536	210003
12/31/22 23:00	0	35	536	210003
12/31/22 23:30	0	35	536	210003

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 monitoring wells within the vicinity of WDW #2 to include upgradient and downgradient data points. Additional operational testing data and any significant activities are also 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 in September of 2022 (refer to Attachment F Groundwater Flow Direction & Hydraulic Gradient Map) 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. The following Groundwater Elevations Table represents the most recent data collected and includes (for reference) 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 previous measurement of elevation at each selected monitoring well and the average variance percentage difference over the last 12-month period. This data demonstrates a lack of variability in groundwater elevations between monitoring events and over the years.

Groundwater Elevations Table

Well ID	Date	Corrected Groundwater Elevation ft amsl	Variance Percentage Since Previous Measurement	Variance Percentage 12-Month Average
Upstream of WDW #2				
MW-52	August-20	5503.78		
	August-21	5502.17	-0.0293%	
	December-21	5501.47	-0.0127%	
	March-22	5501.31	-0.0029%	
	June-22	5501.04	-0.0049%	
	September-22	5501.35	0.0056%	
	November-22	5501.33	-0.0004%	-0.00003
MW-53	August-20	5503.37		
	August-21	5502.22	-0.0209%	
	March-22	5501.55	-0.0122%	
	June-22	5501.41	-0.0025%	
	September-22	5501.54	0.0024%	
	November-22	5501.57	0.0005%	-0.00003
Downstream of WDW #2				
MW-78	March-22	5501.2		
	June-22	5501.02	-0.0033%	
	September-22	5501.03	0.0002%	
	November-22	5501.16	0.0024%	0.00000
MW-29	August-20	5503.31		
	August-21	5501.8	-0.0274%	
	December-21	5500.88	-0.0167%	
	March-22	5500.84	-0.0007%	
	June-22	5500.71	-0.0024%	
	September-22	5501.02	0.0056%	
	November-22	5500.77	-0.0045%	0.00000
MW-68	August-20	5501.99		
	August-21	5500.65	-0.0244%	
	December-21	5499.69	-0.0175%	
	March-22	5499.67	-0.0004%	
	June-22	5499.66	-0.0002%	
	September-22	5499.81	0.0027%	
	November-22	5499.62	-0.0035%	-0.00004
MW-21	August-20	5500.76		
	August-21	5500.19	-0.0104%	
	December-21	5499.81	-0.0069%	
	March-22	5499.71	-0.0018%	
	June-22	5499.54	-0.0031%	
	September-22	5499.90	0.0065%	
	November-22	5499.78	-0.0022%	-0.00001
MW-55	August-20	5501.55		
	August-21	5498.05	-0.0636%	
	December-21	5497.91	-0.0025%	
	March-22	5497.99	0.0015%	
	June-22	5497.92	-0.0013%	
	September-22	5497.99	0.0013%	
	November-22	5498.04	0.0009%	0.00001

Chloride Concentrations

Chloride concentrations detected in the wastewaters injected into WDW #2 were above the New Mexico WQCC standard of 250 mg/L. The WQCC chloride screening level is to apply to the dissolved phase result, and therefore the comparison to these total chloride results indicates a high bias. The September 2022 analytical results for samples collected at WDW #2 indicated a chloride concentration of 710 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. MW-52, MW-53 adjacent to WDW #2 have historically shown to contain elevated chloride concentrations. For example, MW-52 located approximately only 250 feet upgradient of the recently installed MW-78 has historically had chloride concentrations ranging between 11 mg/L and 870 mg/L. Chloride concentrations detected in the recently installed MW-78 were found to be 250 mg/L during the September 2022 sampling event. 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

Sulfates that were detected at monitoring wells MW-52, MW-53, and MW-78 were above the WQCC standard concentration of 600 mg/L. (Refer to Attachment C for the laboratory report.) The sulfate concentrations in the monitoring wells MW-52, MW-53 adjacent to WDW #2 have historically always exceeded the WQCC standard. For example, MW-52 located approximately only 250 feet upgradient of WDW #2 has varied between a low concentration of 980 mg/L and a high concentration of 1700 mg/L. 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%).

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
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
Downstream of WDW #2			
MW-78	March-22	160	940
	June-22	220	1100
	September-22	300	730
	November-22	250	910
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
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

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

Results Summary

The very consistent 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, which has consistently been in a northwest direction. The Groundwater Elevations Table summarizes the recent history of results and the lack of variability.

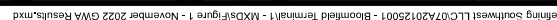
There is no indication that the waters from the injection well WDW#2 have had any impact on the shallow water-bearing aquifer that is the uppermost water-bearing unit at Bloomfield Products Terminal. A comparison of the variability in general chemistry concentrations found in the monitoring wells up-stream 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.

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%). The historical elevated concentrations sulfates found in the monitoring wells surrounding WDW #2 compared to sulfate concentrations in the WDW #2 samples demonstrate how the source of the sulfate concentrations found in the recently installed MW-78 cannot be from WDW #2.

Concentrations of chlorides detected in the monitoring wells upstream and downstream of WDW #2 demonstrate a wide variability in chloride concentrations over the years. Chloride concentrations detected in the recently installed MW-78 were found to be 300 mg/L during the September 2022 sampling event, and 250 mg/L in December 2022. These results demonstrate the preexisting variability in chloride concentrations in the upper-most water-bearing unit at Bloomfield Products Terminal that have been present prior to the installation of WDW #2. (See Chloride and Sulfate Analytical Table.)

Well Testing Operations & Significant Activities

Nothing for this report period.



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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 183197

COMMENTS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 183197
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

COMMENTS

Created By	Comment	Comment Date
cchavez	Quarterly Report FY23 Q1	2/24/2023

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
cchavez	COA: 1. In future, after at least 8 quarterly sample events are achieved, Include maps over time with piezometric surface relative to Chloride and Sulfate Isocons displayed to help evaluate or determine source(s) for WQCC water quality exceedances. 2. Provide observations of WQCC exceedances and conclusions based on temporal observations of maps. 3. If maps with conclusions indicate WDW-2 or other surface facilities are not a source, request a reduction in sampling to semi-annual.	2/24/2023