Western Refining Southwest LLC

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Findlay, OH 45840
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May 20, 2024

Carl Chavez
New Mexico Oil Conservation Division
Engineering Bureau
5200 Oakland Avenue, NE
Albuquerque, NM 87113

Electronic Submittal (OCD Online e-Permitting website)

RE: Western Refining Southwest LLC - Bloomfield Terminal
2022 Annual Class I Waste Disposal Well (WDW-2) Report
Permit # - UICI-011
API # - 30- 45-35747

Mr. Chavez,

Pursuant to Permit Condition 2.I.2. of the above referenced UICI Discharge Permit, Western Refining Southwest LLC – Bloomfield Terminal is submitting the 2023 Annual Class I Well Report documenting the operations of the facility's Class I non-hazardous injection well during calendar year 2023.

If you need more information, please contact me at gfrussell@marathonpetroleum.com or 678-594-6377.

Sincerely,



Gary Russell, CHMM
Senior Environmental Specialist
Western Refining Southwest LLC

CC: Environmental Manual
Terminal Manager

ANNUAL CLASS I NON-HAZARDOUS WASTE
DISPOSAL WELL (WDW-2)
2023 REPORT

Western Refining Southwest LLC

Annual Class I Non-Hazardous Waste Disposal Well No. 2 (WDW-2)

Permit UICI-11
API # - 30-45-35747
Bloomfield Terminal
Bloomfield, New Mexico

Period of Report: January-December 2023
Date of Report: May 20, 2024

Submitted By:
Gary Russell, Sr. Environmental Specialist

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Attachment B	2023 Quarterly Chemical Analysis Reports with QA/QC & DQO - WDW-2 Waste Sampling Analysis - Area Monitoring Well Sampling Analysis
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EXECUTIVE SUMMARY

This report provides a summary of activities conducted in 2023 associated with the Non-Hazardous Waste Disposal Injection Well (WDW-2) Permit #UICI-011 at the Western Refining Southwest LLC - Bloomfield Terminal facility (Facility). The following summarizes well operations, maintenance, and testing activities performed in 2023, and includes the applicable items found in permit condition 2.I.2 Annual Report.

Operational Summary

Injection Volume - The volume injected into WDW-2 during 2023 was 6,445 barrels. Since the commissioning of the well on March 8, 2017, approximately 216,448 barrels have been disposed of via WDW-2. The well was not actively injecting waste (i.e., not operating) for approximately 8619.5 hours, which is equivalent to approximately 359 days. Table A provides a summary of the operation of WDW-2 during calendar year 2023, and includes the cumulative total barrels injected since the well was installed. Attachment A provides the monthly continuous operational data logs for monitoring of the injection pressure, annulus pressure, and injection rate during calendar year 2023.

Sampling and Chemical Analyses - Injection fluids samples were collected on a quarterly basis for chemical analysis pursuant to Permit Condition 2.A. Analytical results show that the wastewaters injected through the on-site injection well do not exhibit characteristics of being a RCRA non-hazardous waste. A summary of the analytical results is provided in Table B. A copy of the analytical laboratory reports, including the Quality Assurance / Quality Control (QA/QC) results are provided in Attachment B. Results from the 2023 Groundwater Remediation and Monitoring Annual Report are included in Tables 1 to 11F for reference. The chloride and sulfate monitoring analytical results including the QA/QC results from the upstream and downstream monitoring wells is provided in Attachment B. Table C includes a summary of the monitoring well analytical results and Attachment B.1 contains Chloride and Sulfate Isocontours Maps.

Bradenhead Tests – A Bradenhead Test was conducted in September of 2023. A representative from New Mexico Oil Conservation Division (NMOCD) was present to observe during the tests. Pressures remained constant and within acceptable ranges for the

duration of the testing. Some pressure and water were found to be present in the casing initially. NMOCD requested analysis to be run on this gas and water. Copies of the test reports are included in Attachment C along with the analytical reports from the sampling of the gas and water from the casing.

Mechanical Integrity Tests – Pursuant to Permit Condition 3.D.1. of UICI-011, a Mechanical Integrity Test (MIT) was conducted in September of 2023, with a representative of NMOCD present to observe. The test passed and held a constant pressure for 30 minutes. There were no issues or concerns identified by NMOCD.

Area of Review (AOR) – An Area of Review was performed in September of 2023 within a 1-mile radius ofWDW-2. The results of this review are provided in Attachment D of this report.

Pressure Fall-Off Test and Bottom-Hole Survey – A pressure fall-off test (FOT) analysis and bottom-hole pressure survey was performed in September 2023. The pressure survey and fall-off pressure test were conducted in accordance with United States EnvironmentalProtection Agency (USEPA) 40 CFR 146.13, State of New Mexico Fall-Off Test Guidelines, dated December 3, 2007, and EPA Region 6 Pressure FOT Guidelines, Third Revision, dated August 8, 2002. A detailed report including the data collected and data interpretation by a third-party Petroleum Engineer is included as Attachment E.

The test was successful in generating a sufficient pressure buildup and falloff data to complete a meaningful analysis of the injection well. A clear radial flow regime, or infinite acting period, is observed in the data. The classical Semi-Log, Horner analysis and the Log-Log analysis provided consistent calculations of wellbore and reservoir injection parameters. A late-time upturn in the derivative data indicates a boundary condition of decreasing mobility away from the wellbore.
The measured permeability, mobility thickness, skin, and false extrapolated pressure from the FOT were consistent with previous tests. The measured well performance and observed well health showed to be consistent with the initial 2017 FOT

conducted at the well. The injectivity of the well showed to be consistent with the nearby Ashcroft SWD #001 well, based on reported historical monthly volumes. The injection rates and pressure are within the expected range for disposal into the Entrada sandstone at this depth.

Hall Plot – A Hall Plot is used to examine injection performance from recorded monitoring data during the FOT. Western Refining Southwest generally only produces a limited volume of wastewater fluids. Prior to conducting the 2023 FOT, no fluid injection had occurred for 78 days. To produce a meaningful Hall Plot data evaluation, the daily data would require continuous injection for a period of at least six months or more. Because of sporadic injection, a meaningful Hall Plot could not be constructed for this well.

1.0 INTRODUCTION

This report provides a summary of activities conducted during 2023 on WDW-2. The disposal well is part of the Facility operations. The facility is located south of Bloomfield, New Mexico in San Juan County. The physical address of the facility is as follows:

Western Refining Southwest - Bloomfield Terminal
#50 County Road 4990
Bloomfield, NM 87413

The Facility is located on approximately 263 acres. Bordering the facility isa combination of federal and private properties. Public property managed by the Bureau of Land Management lies to the south. Most of the undeveloped land in the vicinity of the facility is used extensively for oil and gas production and, in some instances, grazing. U.S. Highway 550 is located approximately one-half mile west of the facility.
The topography of the main portion of the site is generally flat with steep bluffs to the north. Figure 1 shows the general layout of the Terminal.

1.1 Well Information

Well Name & Number:	Waste Disposal Well #2 (WDW-2)
OCD UIC:	UICI-011
Well Classification:	Class I Non-hazardous
API Number:	30-045-35747
facility ID (f#)	fCJC2115255112
Legal Location:	2028 FNL, 111 FEL, H S27 T29N R11W
Physical Address:	#50 Road 4990, Bloomfield, NM 87413

2.0 OPERATION AND MAINTENANCE ACTIVITIES

2.1 WDW-2 Operations

The non-hazardous injection well Facility is used to dispose of treatedwastewaters generated from Terminal operations. Typically, treated wastewater from theon-site Wastewater Treatment Plant (WWTP) is pumped from the WWTP aeration pondsto the on-site evaporation ponds, located south of County Road 4990. Treated wastewater that is not evaporated at the evaporation ponds can be routed to the injection well for final disposal. Figure 2 shows a schematic diagram of the well construction.

The volume injected into WDW-2 during 2023 was 6,445 barrels. Since the commissioning of the well on March 8, 2017, approximately 216,448 barrels have been disposed of via WDW-2 as of the end of 2023. The well was not actively injecting waste (i.e., not operating) for approximately 8619.5 hours, which is equivalent to approximately 359 days. Table A provides a summary of the operation of WDW-2 during calendar year 2023, and includes the cumulative total barrels injected since the well was installed. Attachment A provides the monthly continuous operational data logs for monitoring of the injection pressure, annulus pressure, and injection rate during calendar year 2023. Injection volumes and average injection pressure readings in 2023 were reported via the NMOCD e-Permitting website monthly using the C-115 excel add in and were reported in the quarterly reports each quarter. In 2023, operation of the injection well did not exceed the permitted injection pressure limit of 1,465 psi, and no abnormal operating conditions were observed. Attachment A provides the monthly continuous operational data logs for monitoring of the injection pressure, annulus pressure, and injection rate during calendar year 2023.

2.2 Quarterly Sampling and Chemical Analysis

In 2023 quarterly samples were collected of water injected through WDW-2. The samples were analyzed for the following pursuant to Permit Condition 2.A. of UICI-011dated August 30, 2021:

- pH;

- Oxidation Reduction Potential;
- Specific Conductance;
- Specific gravity;
- Temperature;
- Major dissolved cations and anions; and
- EPA RCRA characteristically hazardous constituents.

The 2023 quarterly samples were collected on March 20, June 7, September 6, and October 10. Notifications were made to OCD prior to the sampling events pursuant to Condition 3.D.1. A summary of the analytical results is provided in Table B, and copies of the analytical reports with QA/QC are provided in Attachment B.

All quarterly WDW-2 samples collected for laboratory analysis were submitted to Hall Environmental Analysis Laboratory located in Albuquerque, NM (ADHS Certification #AZ0682, NMED-DWB Certification #NM9425, NMED-Micro Certification #NM0901). The analytical results show that the injected water did not exhibit any characteristics of toxicity using the EPA Toxicity Characteristic Leaching Procedure test methods. The analytical results were compared to the respective Water Quality Control Commission (WQCC) limits. Chloride and Total Dissolved Solids (TDS) were detected above the respective WQCC standards for each sampling event in 2023.

- The WQCC screening level for Chloride is to apply to the dissolved phase result, and therefore the comparison is bias high. Attachment B.1 displays maps with isocontours of Chloride and Sulfate concentrations overlayed with groundwater elevations from the upstream and downstream monitoring wells around WDW-2.
- The 1000 mg/L screening level is irrelevant as it applies to a domestic water supply, and the Entrada Formation is a brackish aquifer with TDS concentrations exceeding 10,000 mg/L. Additionally, the TDS standard identified in the permit application was 10,000 mg/L. (See Table 2.)
- All other detected concentrations were below the respective permit and WQCC standards.

Analytical results from the 2023 Groundwater Remediation and Monitoring Annual Report are included in Tables 1 through 11F along with historical groundwater analytical

values from previous groundwater reports for reference.

2.3 Groundwater Elevations

Depth-to-groundwater measurements were collected during 3 quarters in 2023 and have been collected at the facility for many years at various monitoring wells at the Facility. The current field information was used to calculate the groundwater elevations and hydraulic gradient. The very consistent groundwater elevation gradient across the Facility 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 elevation measurement maps depicted in Attachment B.1 and Table D display the recent history of groundwater elevation monitoring and demonstrates the lack of variability in elevations between monitoring events and over time. This data also demonstrates a lack of necessity for monitoring the groundwater elevations on a quarterly basis.

2.4 Well Maintenance Activities

General routine preventative maintenance was performed on the injection well system equipment. No issues were observed during routine maintenance activities conducted in 2023. No major mechanical maintenance work was required to be performed in 2023.

3.0 WDW-2 EVALUATION & MAJOR ACTIVITIES/EVENTS

3.1 Bradenhead Test

A Bradenhead Test was conducted in 2023 on September 5. A representative from NMOCD was present to observe during the test. The well pressures remained constant, and pressures remained within acceptable ranges for the duration of the testing. A copy of the test report is included in Attachment C.

Water and gas were observed from the casing in the first 5 minutes as noted on the Bradenhead Test Report, and the OCD representative requested samples be collected for additional analysis on both the water and gas. The results of the analysis are also included in Attachment C.

3.1 Area of Review

An Area of Review (AOR) search was performed in 2023 that shows all wells known to have been drilled within a one-mile radius of WDW-2 and any changes from previous year's AORs. The Ashcroft SWD #001 (API No. 30-045-30788) was the only other well that penetrates the Entrada Formation identified in the search, and there were no reported changes with that well. No new wells were drilled. No wells reported a change in status. No wells were plugged or abandoned, and none were temporarily abandoned. A copy of the AOR and list of wells identified within the one-mile radius is provided as Attachment D.

3.2 Pressure Fall-Off Test

A pressure fall-off test (FOT) analysis and bottom-hole pressure survey was performed in September 2023. The pressure survey and fall-off pressure test were conducted in accordance with United States Environmental Protection Agency (USEPA) 40 CFR 146.13, State of New Mexico Fall-Off Test Guidelines, dated December 3, 2007, and EPA Region 6 Pressure FOT Guidelines, Third Revision, dated August 8, 2002. A detailed report including the data collected and data interpretation by a third-party Petroleum Engineer is included as Attachment E.

The test was successful in generating a sufficient pressure buildup and falloff data to complete a meaningful analysis of the injection well. A clear radial flow regime, or infinite acting period, is observed in the data. The classical Semi-Log, Horner analysis and the Log-Log analysis provided consistent calculations of wellbore and reservoir injection parameters. A late-time upturn in the derivative data indicates a boundary condition of decreasing mobility away from the wellbore.

The measured permeability, mobility thickness, skin, and false extrapolated pressure from the FOT were consistent with previous tests. The measured well performance and observed well health showed to be consistent with the initial 2017 FOT conducted at the well. The injectivity of the well showed to be consistent with the nearby Ashcroft SWD #001 well, based on reported historical monthly volumes. The injection rates and pressure are within the expected range for disposal into the Entrada sandstone at this depth.

3.3 Bottom-Hole Pressure Survey

A bottom-hole static pressure gradient survey was conducted following the completion of the FOT activities. Static gradient stops were at 7312 feet, 7000 feet, 6000 feet, 5000 feet, 4000 feet, 3000 feet, 2000 feet, 1000 feet, and at the surface. The survey measured an average fluid pressure gradient of 0.429 psi/ft. The results of the pressure survey are provided in the 2023 Fall-Off Test Report as Attachment E.

3.4 Mechanical Integrity Test

A Mechanical Integrity Test (MIT) was completed in September of 2023. The test demonstrated that the WDW-2 annulus pressure held at 560 psi for 30 minutes and passed. An NMOCD representative was present to witness the test.

3.5 Pressure-Limiting Device Test

The “kill switch” pressure-limiting device automatic emergency shutdown was tested in September of 2023. The test shut down the well pump at 1460 pounds of pressure, limiting the surface injection pressure to below the maximum allowable permitted pressure of 1465 pounds. An NMOCD representative was present to witness the test.

3.6 Spill Reporting

There were no releases in 2023 that required notification using the OCD C-141 form. The following table is a summary of releases in 2023.

Releases Summary - 2023. No releases had surface water or groundwater impacts.

Date	Volume Released	Material Released	Summary
2/27/2023	0.5 gallons	gasoline	Approximately 0.5 gallon of a gasoline solution dripped from a piping connection on a 2" line during excavation activities near the truck loading rack sump. Cleanup activities commenced immediately with absorbent pads and a containment pan positioned to collect released product.
3/5/2023	3 gallons	crude oil	Approximately 3 gallons of crude oil was discovered to be slowly leaking from piping connected to tank 41. The pipe was immediately blocked in, and the release stopped. Any contaminated soil was excavated and containerized into a 55-gallon drum for offsite disposal.
4/19/2023	20 gallons	process water	Approximately 20 gallons of a process water from a benzene stripper was released due to a plugged air mist eliminator. Cleanup activities commenced immediately by placing the affected soil in drums. The water leak was stopped immediately upon discovery. Any affected media (soil) will be containerized to be managed for offsite disposal.
7/10/2023	30 gallons	water and crude oil	Approximately 30 gallons of water and crude oil was discovered to be overflowing from the crude oil offloading sump due to a pump malfunction. The released material went to secondary containment, and any contaminated soil was excavated and containerized into 55-gallon drums for offsite disposal.

3.6 Summary of Conclusions and Recommendations

The results of the quarterly WDW-2 waste analytical and the upstream/downstream monitoring well chemical analysis show that the injected water was within the acceptable limits of the permit conditions, did not exhibit any characteristics of toxicity, and did not have any effect on the groundwater found in the uppermost water-bearing unit. Although chloride and TDS were detected above the respective WQCC standards (chloride 250

mg/L, TDS 1,000 mg/L) for each sampling event in 2023, the WQCC screening level for chloride is to apply to the dissolve phase result, and therefore the comparison is bias high. The TDS screening level is irrelevant as it applies to a domestic water supply, and the Entrada Formation is a brackish aquifer with TDS concentrations exceeding 10,000 mg/L. (See Table 2.)

The upstream/downstream monitoring well data clearly show elevated concentrations of both chloride and sulfate originating hydro-geologically upgradient of WDW-2.WDW-2 and the associated equipment and piping do not appear to be the source of elevated chloride present in the groundwater.

Depth-to-groundwater measurements were collected in three quarters of 2023. The lack of variability and very consistent groundwater elevation gradient across the Facility 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 2023 Bradenhead Test, the MIT, and the pressure-limiting device test all conclude that WDW-2 is performing mechanically and physically within acceptable limits of the permit conditions. No adverse tubing, intermediate, casing or Bradenhead pressure anomalies were observed.

An analysis of the pressure fall-off test and bottom hole static pressure gradient survey reveal the testing was successful in generating sufficient pressure buildup and falloff data to complete a meaningful analysis of WDW-2. No pressure or temperature anomalies were noted in the data analysis. The measured permeability, mobility thickness, skin, and false extrapolated pressure from the FOT were consistent with previous tests. The measured well performance and observed well health showed to be consistent with the initial 2017 FOT conducted at the well. The injectivity of the well showed to be consistent with the nearby Ashcroft SWD #001 well, based on reported historical monthly volumes. The injection rates and pressure are within the expected range for disposal into the Entrada sandstone at this depth.

The hydrogeologic characteristics of the injection well and formation do not conflict with estimated injection volumes. The injectivity is consistent with the nearby Ashcroft SWD #001 well, based on reported historical monthly volumes. The injection rates and pressure are within the expected range for disposal into the Entrada Sandstone at this depth.

Based on the above conclusions, analysis, acceptable well criteria, and operational demands at the Facility, there are no recommendations for changes to activities at WDW-2.

FIGURES

Figure 1

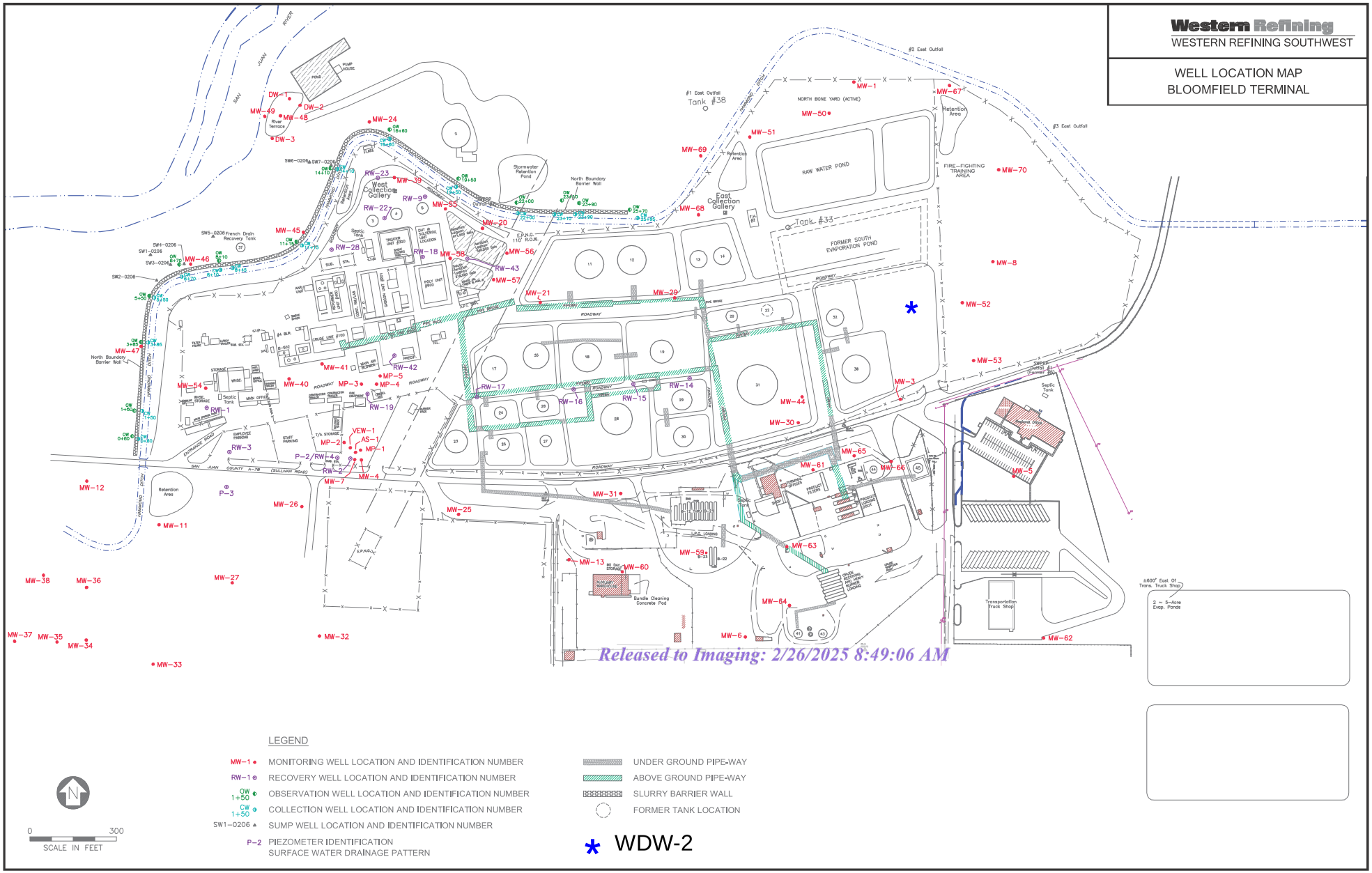

Western Refining
WESTERN REFINING SOUTHWEST
WELL LOCATION MAP
BLOOMFIELD TERMINAL
LEGEND
MW-1 • MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
RW-1 ⊛ RECOVERY WELL LOCATION AND IDENTIFICATION NUMBER
OW 1+50 ◐ OBSERVATION WELL LOCATION AND IDENTIFICATION NUMBER
CW 1+50 ◑ COLLECTION WELL LOCATION AND IDENTIFICATION NUMBER
SW1–0206 ▲ SUMP WELL LOCATION AND IDENTIFICATION NUMBER
P–2 PIEZOMETER IDENTIFICATION
SURFACE WATER DRAINAGE PATTERN
UNDER GROUND PIPE-WAY
ABOVE GROUND PIPE-WAY
SLURRY BARRIER WALL
FORMER TANK LOCATION
* WDW-2
0 300
SCALE IN FEET
Released to Imaging: 2/26/2025 8:49:06 AM

Figure 2

Well/Facility:	SWD #2	Well Status:	Current
Operator:	Western Refinery	Orig Oper:	
Lease/Op Agmt:		Inj Interval:	
Field:	Entrada	API #:	
County:	San Juan	GR/KB:	14.5'
State:	NM	TD:	7525' KB
Spud:	8/15/2016	PBTD:	7490' KB
Comp. Date:		WI:	
1st Prod:		NRI:	
Xmas tree:			
Surface Loc:	2028' fnl & 111' fel		
Sec-Twn-Rge:	Sec 27/T29N/11W		
Comments:	3/7/2017 - Started injection/Water Disposal Operations		

Date Drawn: October 2016

WALSH ENGINEERING FARMINGTON, NM

17-1/2" Hole

13-3/8", 48#, H40 at 298' KB

DV Tool at 2543' KB
ACP at 2545' KB

12-1/4" Hole

9-5/8", 36#, J55 at 3500' KB

DV tool at 5172' KB
ACP at 5174' KB

Injection String:
4-1/2", L80, 11.6, IPC Casing

8-3/4" Hole

Packer at 7230' (see packer drawing for details)

Entrada Injection Zone: 7312' - 7470'
7312' – 7331' (19' at 4 spf)(90° PHASING) – 76 holes.
7331' – 7351' (20' at 4 spf)(90° PHASING) – 80 holes.
7358' – 7368' (10' at 4 spf)(90° PHASING) – 40 holes.
7376' – 7390' (14' at 4 spf)(90° PHASING) – 48 holes.
7394' – 7424' (30' at 4 spf)(90° PHASING) – 120 holes.
7440' – 7470' (30' at 4 spf)(90° PHASING) – 120 holes.
Total of 123' of net formation, total of 492 holes (EHD: 0.41" with 45.89" penetration)

7", 23#, L80

TD: 7525' KB
7" Casing at 7525'
PBTD: 7490'

Note: 7" packer f/ 7458'-7476', fill f/ 7476'-7490'

Geologic Markers	
MD	Formation
Surface	Quaternary Alluv
10'	Nacimiento
515'	Ojo Alamo
625'	Kirtland
1203'	Fruitland
1718'	Pictured Cliffs
1880'	Lewis
2660'	Huerfanito Bentonite
2688'	Chacra
2877'	Lower Lewis
3337'	Cliff House
3389'	Menefee
4045'	Point Lookout
4432'	Mancos Shale
5301'	Niobrara A
5400'	Niobrara B
5526'	Niobrara C
6606'	Gallup
6848'	Juana Lopez
5966'	Carlile
6055'	Greenhorn
6117'	Graneros
6161'	Dakota
6357'	Burro Canyon
6417'	Morrison
7031'	Bluff Sandstone
7150'	Wanakah
7276'	Todilto
7308'	Entrada
7470'	Chinle
7525'	TD

TABLES

Western Refining Southwest LLC
Bloomfield Terminal
Summary

TABLE A

Period 2023	Amount of Water From River (Barrels)	Amount From WWTP (Barrels)	Totalizer Amount Injected (Barrels)	Cumulative Total Injected (Barrels)	Down-time (hrs)	Injection Pressure			Annular Pressure			On-Line Flowrates		
						Max (PSIA)	Min (PSIA)	Avg (PSIA)	Max (PSIA)	Min (PSIA)	Avg (PSIA)	Max (GPM)	Min (GPM)	Avg (GPM)
JAN	0	11238	0	210003	744	562	-6	518	50	-6	45	0	-	0
FEB	0	9548	0	210003	672	562	492	499	57	-6	53	0	-	0
MAR	0	8738	1972	211975	703.5	1178	-6	560	58	-8	28	35	30	33
Quarterly Averages and Totals	**0**	**29524**	**1972**		**2119.5**	**767.33**	**160.00**	**525.39**	**55.00**	**-6.67**	**41.79**	**11.78**	**29.75**	**10.89**
APR	0	10952	0	211974	720	524	-6	503	72	-6	60	0	-	0
MAY	0	20214	0	211974	744	494	-6	486	82	-6	75	0	-	0
JUN	0	25310	1274	213249	694	1153	-6	527	90	-8	52	84	27	35
Quarterly Averages and Totals	**0**	**56476**	**1274**		**2158**	**723.67**	**-6.00**	**505.32**	**81.33**	**-6.67**	**62.41**	**27.91**	**27.25**	**11.81**
JUL	0	37119	0	213249	744	501	-6	474	95	-6	88	0	-	0
AUG	0	36524	0	213249	744	482	-6	465	100	-6	96	0	-	0
SEP	0	36881	3167	216416	645.5	1250	-5	612	578	-8	27	47	25	29
Quarterly Averages and Totals	**0**	**110524**	**3167**		**2133.5**	**744.33**	**-5.67**	**517.14**	**257.67**	**-6.67**	**70.09**	**15.75**	**25.18**	**9.58**
OCT	0	22405	32	216448	743.5	610	484	502	37	-8	16	33	33	33
NOV	0	10167	0	216448	721	496	479	485	17	12	15	0	-	0
DEC	0	9667	0	216448	744	483	471	475	19	2	15	0	-	0
Quarterly Averages and Totals	**0**	**42238**	**32**		**2208.5**	**529.67**	**478.00**	**487.38**	**24.33**	**2.00**	**15.64**	**10.85**	**32.54**	**10.85**
Yearly Averages and Totals	**0**	**238762**	**6445**		**8619.5**	**691.25**	**156.58**	**508.81**	**104.58**	**-4.50**	**47.48**	**16.57**	**28.68**	**10.78**

Total Volume Injected: 6445 Barrels

TABLE 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 *(mgL)*							
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)*			4800	4400	3000	2700
	Bromide			3.2	2.9	2.0	1.8
	Chloride		250 *	**1100**	**1000**	**640**	**580**
	Fluoride			<0.5	<0.5	<0.5	<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	110	82	130	110
	Total Dissolved Solids		1000 **	**2510**	**2360**	**1710**	**1460**
	pH *(pH Units)*			8.00	8.24	8.5	8.02
	Bicarbonate (As CaCO3)			695.2	687.6	357	366
	Carbonate (As CaCO3)			<2.0	<2.0	15.6	<2.0
	Total Alkalinity (as CaCO3)			695.2	687.6	372.6	366
	Oxidation-Reduction Potential (mV)			124	103	333	46.8
	Specific Gravity			0.997	1.001	0.994	1.001
Total Metals *(mg/L)*							
D004	Arsenic	5.0		<0.03	0.0039	0.0022	0.0023
D005	Barium	100		0.17	0.19	0.13	0.11
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		<0.02	<0.001	<0.001	<0.001
D010	Selenium	1.0		<0.05	0.0012	0.0011	0.0012
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			59	53	40	33
	Magnesium			54	49	34	31
	Potassium			29	28	19	18
	Sodium			920	810	540	480
Ignitability, Corrosivity, and Reactivity							
D003	Reactive Cyanide *(mg/L)*			<0.005	<0.005	<0.005	<0.005
D003	Reactive Sulfide *(mg/L)*			<0.05	<0.05	<0.05	<0.05
D001	Ignitability *(^{o}F)*	< 140^{o} F		>170	>170	>170	>170
D002	Corrosivity (ph Units)	≤2 or ≥ 12.5	6-9	8.01	8.28	8.4	7.93
Pesticides (mg/L)							
	Chlordane	0.03		<0.002	<0.002	<0.002	<0.005
Field Parameters							
	pH			7.8	8.0	8.5	8.4
	Temperature (^{o}C)			20.1	22.5	10	22.2

Notes:

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

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

TABLE C

Well ID	Date	Chloride	Sulfate
Upstream of WDW #2			
MW-52	August-13*	670	1200
	August-14*	820	1700
	August-15*	560	1100
	August-16*	11	120
	August-20	560	980
	March-22	620	1500
	June-22	750	1600
	August-22	210	1100
	November-22	330	1500
	February-23	450	1500
	June-23	870	1300
	October-23	1400	1500
MW-53	August-13*	620	1200
	August-14*	1000	1300
	August-15*	920	980
	August-16*	640	1400
	August-20	940	930
	March-22	800	1100
	June-22	870	1200
	September-22	1000	1100
	November-22	830	1100
	February-23	840	1100
	June-23	800	1200
	October-23	860	1300
Downstream of WDW #2			
MW-78	March-22	160	940
	June-22	220	1100
	September-22	300	730
	November-22	250	910
	February-23	170	1300
	June-23	240	2100
	October-23	**	
MW-68	August-13*	43	250
	August-14*	34	300
	August-15*	42	280
	August-16*	38	260
	August-20	20	230
	March-22	29	240
	June-22	44	240
	September-22	21	250
	November-22	33	250
	February-23	38	320
	June-23	180	510
	October-23	340	720

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

** Groundwater elevation was too low to sample.

Table D - Groundwater Elevations Table

Well ID	Date	Corrected Groundwater Elevation ft amsl	Variance Percentage Since Previous Measurement	Variance Percentage 2-Year 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%	
	February-23	5501.02	-0.0056%	
	June-23	5500.94	-0.0015%	
	October-23	5500.75	-0.0035%	-0.0061%
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%	
	February-23	5501.42	-0.0027%	
	June-23	5501.40	-0.0004%	
	October-23	5501.2	-0.0036%	-0.0049%

Well ID	Date	Corrected Groundwater Elevation ft amsl	Variance Percentage Since Previous Measurement	Variance Percentage 2-Year Average
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%	
	February-23	5500.79	-0.0067%	
	June-23	5500.70	-0.0016%	
	October-23	5500.55	-0.0027%	-0.0020%
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%	
	February-23	5500.41	-0.0065%	
	June-23	5500.27	-0.0025%	
	October-23	5500.05	-0.0040%	-0.0066%
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%	
	February-23	5499.22	-0.0073%	
	June-23	5499.09	-0.0024%	
	October-23	5498.99	-0.0018%	-0.0061%
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%	
	February-23	5499.60	-0.0033%	
	June-23	5497.52	-0.0378%	-0.0074%
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%	
	February-23	5497.94	-0.0018%	
	June-23	5498.07	0.0024%	
	October-23	5498.00	-0.0013%	-0.0072%

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MW-1	5/26/2020	5,519.21	21.42	NPP	15.94	5,503.27	NPP
	8/4/2020	5,519.21	21.40	NPP	15.65	5,503.56	NPP
	4/26/2021	5,519.21	21.40	NPP	17.60	5,501.61	NPP
	8/16/2021	5,519.21	21.40	NPP	17.24	5,501.97	NPP
	12/21/2021	5,519.21	21.40	NPP	18.64	5,500.57	NPP
	4/11/2022	5,519.21	21.40	NPP	18.80	5,500.41	NPP
	8/1/2022	5,519.21	21.40	NPP	17.85	5,501.36	NPP
	4/24/2023	5,519.21	21.42	NPP	19.56	5,499.65	NPP
	8/9/2023	5,519.21	21.42	NPP	19.16	5,500.05	NPP
MW-3	5/27/2020	5,539.27	36.51	NPP	35.82	5,503.45	NPP
	8/4/2020	5,539.27	36.53	NPP	35.35	5,503.92	NPP
	4/26/2021	5,539.27	36.50	NPP	36.50	5,502.77	NPP
	8/16/2021	5,539.27	36.50	NPP	NWP	NWP	NPP
	4/11/2022	5,539.27	36.50	NPP	NWP	NWP	NPP
	8/1/2022	5,539.27	36.50	NPP	NWP	NWP	NPP
	4/24/2023	5,539.27	36.44	NPP	NWP	NWP	NPP
	8/9/2023	5,539.27	36.44	NPP	NWP	NWP	NPP
MW-4	5/26/2020	5,527.78	29.83	NPP	27.59	5,500.19	NPP
	8/4/2020	5,527.78	29.81	NPP	27.51	5,500.27	NPP
	4/26/2021	5,527.78	29.81	NPP	27.55	5,500.23	NPP
	8/16/2021	5,527.78	29.81	NPP	27.66	5,500.12	NPP
	4/11/2022	5,527.78	29.81	NPP	27.68	5,500.10	NPP
	8/1/2022	5,527.78	29.81	NPP	27.76	5,500.02	NPP
	4/24/2023	5,527.78	29.83	NPP	27.58	5,500.20	NPP
	8/9/2023	5,527.78	29.83	NPP	27.70	5,500.08	NPP
MW-5	5/26/2020	5,548.56	31.15	NPP	NWP	NWP	NPP
	8/4/2020	5,548.56	31.14	NPP	NWP	NWP	NPP
	4/26/2021	5,548.56	31.20	NPP	31.20	5,517.36	NPP
	8/16/2021	5,548.56	31.20	NPP	NWP	NWP	NPP
	4/11/2022	5,548.56	31.20	NPP	NWP	NWP	NPP
	8/1/2022	5,548.56	31.20	NPP	NWP	NWP	NPP
	4/24/2023	5,548.56	31.14	NPP	NWP	NWP	NPP
	8/9/2023	5,548.56	31.14	NPP	NWP	NWP	NPP
MW-6	5/26/2020	5,554.61	47.49	NPP	NWP	NWP	NPP
	8/4/2020	5,554.61	47.45	NPP	NWP	NWP	NPP
	4/26/2021	5,554.61	47.55	NPP	NWP	NWP	NPP
	8/16/2021	5,554.61	47.55	NPP	NWP	NWP	NPP
	4/11/2022	5,554.61	47.55	NPP	NWP	NWP	NPP
	8/1/2022	5,554.61	47.55	NPP	NWP	NWP	NPP
	4/24/2023	5,554.61	47.49	NPP	NWP	NWP	NPP
	8/9/2023	5,554.61	47.49	NPP	NWP	NWP	NPP
MW-7	5/26/2020	5,527.66	62.14	NPP	27.80	5,499.86	NPP
	8/4/2020	5,527.66	62.13	NPP	28.03	5,499.63	NPP
	4/26/2021	5,527.66	62.14	NPP	27.63	5,500.03	NPP
	8/16/2021	5,527.66	62.14	NPP	28.08	5,499.58	NPP
	4/11/2022	5,527.66	62.14	NPP	27.78	5,499.88	NPP
	8/1/2022	5,527.66	62.14	NPP	28.23	5,499.43	NPP
	4/24/2023	5,527.66	62.04	NPP	27.94	5,499.72	NPP
	8/9/2023	5,527.66	62.04	NPP	28.35	5,499.31	NPP

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MW-8	5/26/2020	5,534.58	34.28	NPP	30.78	5,503.80	NPP
	8/4/2020	5,534.58	34.81	NPP	30.25	5,504.33	NPP
	4/26/2021	5,534.58	34.80	NPP	31.88	5,502.70	NPP
	8/16/2021	5,534.58	34.80	NPP	32.50	5,502.08	NPP
	12/21/2021	5,534.58	34.80	NPP	32.63	5,501.95	NPP
	4/11/2022	5,534.58	34.80	NPP	32.86	5,501.72	NPP
	8/1/2022	5,534.58	34.80	NPP	32.86	5,501.72	NPP
	4/24/2023	5,534.58	34.75	NPP	33.21	5,501.37	NPP
	8/9/2023	5,534.58	34.75	NPP	33.39	5,501.19	NPP
MW-11	5/26/2020	5,510.31	21.99	NPP	12.34	5,497.97	NPP
	8/4/2020	5,510.31	21.99	NPP	12.17	5,498.14	NPP
	4/26/2021	Cannot Gauge - Wasp Nest in Well					
	8/16/2021	Cannot Gauge - Wasp Nest in Well					
	4/11/2022	Cannot Gauge - Wasp Nest in Well					
	8/1/2022	Cannot Gauge - Wasp Nest in Well					
	4/24/2023	5,510.31	22.32	NPP	21.37	5,488.94	NPP
	8/9/2023	5,510.31	22.32	NPP	19.16	5,491.15	NPP
MW-12	5/26/2020	5,501.61	13.49	NPP	9.28	5,492.33	NPP
	8/4/2020	5,501.61	13.49	NPP	9.75	5,491.86	NPP
	4/27/2021	5,501.61	13.49	NPP	10.42	5,491.19	NPP
	8/16/2021	5,501.61	13.49	NPP	9.56	5,492.05	NPP
	4/11/2022	5,501.61	13.49	NPP	10.37	5,491.24	NPP
	8/1/2022	5,501.61	13.49	NPP	9.60	5,492.01	NPP
	4/24/2023	5,501.61	13.36	NPP	11.54	5,490.07	NPP
	8/9/2023	5,501.61	13.36	NPP	NWP	NWP	NPP
MW-13	5/26/2020	5,542.04	52.90	NPP	41.05	5,500.99	NPP
	8/4/2020	5,542.04	52.92	NPP	41.00	5,501.04	NPP
	4/26/2021	5,542.04	52.92	NPP	40.96	5,501.08	NPP
	8/16/2021	5,542.04	52.92	NPP	41.04	5,501.00	NPP
	4/11/2022	5,542.04	52.92	NPP	41.19	5,500.85	NPP
	8/2/2022	5,542.04	52.92	NPP	41.28	5,500.76	NPP
	4/24/2023	5,542.04	52.85	NPP	41.31	5,500.73	NPP
	8/9/2023	5,542.04	52.85	NPP	41.32	5,500.72	NPP
MW-20	5/28/2020	5,519.90	27.15	20.71	20.81	5,499.17	0.10
	8/4/2020	5,519.90	27.10	20.54	20.56	5,499.36	0.02
	4/26/2021	5,519.90	27.11	20.75	20.77	5,499.15	0.02
	8/16/2021	5,519.90	27.40	NPP	20.80	5,499.10	NPP
	4/11/2022	5,519.90	27.40	NPP	21.00	5,498.90	NPP
	8/11/2022	5,519.90	27.40	NPP	20.99	5,498.91	NPP
	4/24/2023	5,519.90	24.99	20.89	21.64	5,498.86	0.75
	8/9/2023	5,519.90	24.99	20.92	21.56	5,498.85	0.64

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MW-21	5/27/2020	5,521.99	30.53	NPP	21.48	5,500.51	NPP
	8/4/2020	5,521.99	30.52	NPP	21.23	5,500.76	NPP
	4/26/2021	5,521.99	30.51	21.59	21.79	5,500.36	0.20
	8/16/2021	5,521.99	30.52	NPP	21.80	5,500.19	NPP
	12/21/2021	5,521.99	30.52	NPP	22.18	5,499.81	NPP
	4/11/2022	5,521.99	30.52	22.32	22.39	5,499.66	0.07
	8/1/2022	5,521.99	30.52	NPP	22.05	5,499.94	NPP
	4/24/2023	5,521.99	30.44	NPP	24.49	5,497.50	NPP
	8/9/2023	5,521.99	30.44	22.55	22.58	5,499.43	0.03
MW-25	5/26/2020	5,533.99	41.27	NPP	33.33	5,500.66	NPP
	8/4/2020	5,533.99	41.30	NPP	33.30	5,500.69	NPP
	4/26/2021	5,533.99	41.25	NPP	33.29	5,500.70	NPP
	8/16/2021	5,533.99	41.25	NPP	33.36	5,500.63	NPP
	4/11/2022	5,533.99	41.25	NPP	33.48	5,500.51	NPP
	8/1/2022	5,533.99	41.25	NPP	33.55	5,500.44	NPP
	4/24/2023	5,533.99	41.25	NPP	32.49	5,501.50	NPP
	8/9/2023	5,533.99	41.25	NPP	32.88	5,501.11	NPP
MW-26	5/26/2020	5,517.88	25.18	NPP	18.03	5,499.85	NPP
	8/4/2020	5,517.88	25.18	18.01	18.03	5,499.87	0.02
	4/26/2021	5,517.88	25.18	NPP	18.00	5,499.88	NPP
	8/16/2021	5,517.88	25.18	NPP	18.05	5,499.83	NPP
	4/11/2022	5,517.88	25.18	NPP	18.02	5,499.86	NPP
	8/1/2022	5,517.88	25.18	NPP	21.03	5,496.85	NPP
	4/24/2023	5,517.88	25.17	NPP	18.12	5,499.76	NPP
	8/9/2023	5,517.88	25.17	NPP	18.26	5,499.62	NPP
MW-27	5/26/2020	5,518.67	24.42	NPP	22.72	5,495.95	NPP
	8/4/2020	5,518.67	24.51	NPP	23.31	5,495.36	NPP
	4/26/2021	5,518.67	24.51	NPP	22.56	5,496.11	NPP
	8/16/2021	5,518.67	24.51	NPP	23.32	5,495.35	NPP
	4/11/2022	5,518.67	24.51	NPP	21.10	5,497.57	NPP
	8/1/2022	5,518.67	24.51	NPP	21.75	5,496.92	NPP
	4/24/2023	5,518.67	24.42	NPP	19.43	5,499.24	NPP
	8/9/2023	5,518.67	24.42	NPP	20.56	5,498.11	NPP
MW-29	5/27/2020	5,524.97	28.65	NPP	22.12	5,502.85	NPP
	8/4/2020	5,524.97	28.67	NPP	21.66	5,503.31	NPP
	4/26/2021	5,524.97	28.68	NPP	23.31	5,501.66	NPP
	8/16/2021	5,524.97	28.68	NPP	23.17	5,501.80	NPP
	12/21/2021	5,524.97	28.68	NPP	24.09	5,500.88	NPP
	4/11/2022	5,524.97	28.68	NPP	24.28	5,500.69	NPP
	8/1/2022	5,524.97	28.68	NPP	23.70	5,501.27	NPP
	4/24/2023	5,524.97	28.74	NPP	24.72	5,500.25	NPP
	8/9/2023	5,524.97	28.74	NPP	24.82	5,500.15	NPP

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Well ID	Date	Measuring Point Elevation (ft AMSL)	Total Well Depth (ft Below TOC)	Depth To Product (ft Below TOC)	Depth To Water (ft Below TOC)	Corrected Groundwater Elevation (ft AMSL)	SPH Thickness (ft)
MW-30	5/27/2020	5,536.83	40.22	NPP	33.50	5,503.33	NPP
	8/4/2020	5,536.83	40.22	NPP	32.99	5,503.84	NPP
	4/26/2021	5,536.83	40.22	NPP	34.29	5,502.54	NPP
	8/16/2021	5,536.83	40.22	NPP	34.30	5,502.53	NPP
	12/21/2021	5,536.83	40.22	NPP	34.66	5,502.17	NPP
	4/11/2022	5,536.83	40.22	NPP	35.02	5,501.81	NPP
	8/1/2022	5,536.83	40.22	NPP	35.00	5,501.83	NPP
	4/24/2023	5,536.83	40.14	NPP	35.14	5,501.69	NPP
	8/9/2023	5,536.83	40.14	NPP	35.02	5,501.81	NPP
MW-31	5/26/2020	5,536.24	39.24	NPP	34.55	5,501.69	NPP
	8/4/2020	5,536.24	39.23	NPP	34.52	5,501.72	NPP
	4/26/2021	5,536.24	39.23	NPP	34.54	5,501.70	NPP
	8/16/2021	5,536.24	39.23	NPP	34.61	5,501.63	NPP
	4/11/2022	5,536.24	39.23	NPP	34.80	5,501.44	NPP
	8/2/2022	5,536.24	39.23	NPP	34.91	5,501.33	NPP
	4/24/2023	5,536.24	39.16	NPP	34.88	5,501.36	NPP
	8/9/2023	5,536.24	39.16	NPP	34.86	5,501.38	NPP
MW-32	5/26/2020	5,525.64	27.58	NPP	25.75	5,499.89	NPP
	8/4/2020	5,525.64	27.61	NPP	25.71	5,499.93	NPP
	4/26/2021	5,525.64	27.60	NPP	25.41	5,500.23	NPP
	8/16/2021	5,525.64	27.60	NPP	25.26	5,500.38	NPP
	4/11/2022	5,525.64	27.60	NPP	25.41	5,500.23	NPP
	8/1/2022	5,525.64	27.60	NPP	25.54	5,500.10	NPP
	4/24/2023	5,525.64	27.54	NPP	25.49	5,500.15	NPP
	8/9/2023	5,525.64	27.54	NPP	25.77	5,499.87	NPP
MW-33	5/26/2020	5,521.79	25.57	NPP	24.16	5,497.63	NPP
	8/4/2020	5,521.79	25.56	NPP	23.61	5,498.18	NPP
	4/26/2021	5,521.79	25.56	NPP	24.50	5,497.29	NPP
	8/16/2021	5,521.79	25.56	NPP	25.00	5,496.79	NPP
	4/11/2022	5,521.79	25.56	NPP	24.40	5,497.39	NPP
	8/1/2022	5,521.79	25.56	NPP	24.70	5,497.09	NPP
	4/24/2023	5,521.79	25.50	NPP	23.90	5,497.89	NPP
	8/9/2023	5,521.79	25.50	NPP	24.44	5,497.35	NPP
MW-34	5/26/2020	5,511.63	21.03	NPP	14.96	5,496.67	NPP
	8/4/2020	5,511.63	21.03	NPP	15.05	5,496.58	NPP
	4/26/2021	5,511.63	15.20	NPP	15.20	5,496.43	NPP
	8/16/2021	5,511.63	15.20	NPP	14.72	5,496.91	NPP
	4/11/2022	5,511.63	15.20	NPP	14.75	5,496.88	NPP
	8/1/2022	5,511.63	15.20	NPP	14.39	5,497.24	NPP
	4/24/2023	5,511.63	20.97	NPP	14.85	5,496.78	NPP
	8/9/2023	5,511.63	20.97	NPP	NWP	NWP	NPP
MW-35	5/26/2020	5,518.95	25.97	NPP	22.60	5,496.35	NPP
	8/4/2020	5,518.95	26.00	NPP	22.73	5,496.22	NPP
	4/26/2021	5,518.95	26.00	NPP	22.76	5,496.19	NPP
	8/16/2021	5,518.95	26.00	NPP	22.41	5,496.54	NPP
	4/11/2022	5,518.95	26.00	NPP	NWP	NWP	NPP
	8/1/2022	5,518.95	26.00	NPP	22.40	5,496.55	NPP
	4/24/2023	5,518.95	25.62	NPP	22.58	5,496.37	NPP
	8/9/2023	5,518.95	25.62	NPP	22.83	5,496.12	NPP

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Well ID	Date	Measuring Point Elevation (ft AMSL)	Total Well Depth (ft Below TOC)	Depth To Product (ft Below TOC)	Depth To Water (ft Below TOC)	Corrected Groundwater Elevation (ft AMSL)	SPH Thickness (ft)
MW-36	5/26/2020	5,516.95	22.94	NPP	20.48	5,496.47	NPP
	8/4/2020	5,516.95	22.93	NPP	20.63	5,496.32	NPP
	4/26/2021	5,516.95	22.93	NPP	21.10	5,495.85	NPP
	8/16/2021	5,516.95	22.93	NPP	20.44	5,496.51	NPP
	4/11/2022	5,516.95	22.93	NPP	21.06	5,495.89	NPP
	8/1/2022	5,516.95	22.93	NPP	20.45	5,496.50	NPP
	4/24/2023	5,516.95	23.05	NPP	20.88	5,496.07	NPP
	8/9/2023	5,516.95	23.05	NPP	21.03	5,495.92	NPP
MW-37	5/26/2020	5,519.62	27.43	NPP	23.59	5,496.03	NPP
	8/4/2020	5,519.62	27.43	NPP	23.68	5,495.94	NPP
	4/26/2021	5,519.62	27.43	NPP	23.86	5,495.76	NPP
	8/16/2021	5,519.62	27.43	NPP	23.47	5,496.15	NPP
	4/11/2022	5,519.62	27.43	NPP	23.61	5,496.01	NPP
	8/1/2022	5,519.62	27.43	NPP	23.48	5,496.14	NPP
	4/24/2023	5,519.62	27.35	NPP	23.65	5,495.97	NPP
	8/9/2023	5,519.62	27.35	NPP	23.86	5,495.76	NPP
MW-38	5/26/2020	5,519.19	26.71	NPP	23.22	5,495.97	NPP
	8/4/2020	5,519.19	26.92	NPP	23.48	5,495.71	NPP
	4/26/2021	5,519.19	26.92	NPP	23.81	5,495.38	NPP
	8/16/2021	5,519.19	26.92	NPP	23.30	5,495.89	NPP
	4/11/2022	5,519.19	26.92	NPP	27.12	5,492.07	NPP
	8/1/2022	5,519.19	26.92	NPP	23.32	5,495.87	NPP
	4/24/2023	5,519.19	26.82	NPP	23.58	5,495.61	NPP
	8/9/2023	5,519.19	26.82	NPP	23.97	5,495.22	NPP
MW-39	5/27/2020	5,520.83	38.38	NPP	25.59	5,495.24	NPP
	8/4/2020	5,520.83	38.23	NPP	25.67	5,495.16	NPP
	4/26/2021	5,520.83	38.23	24.31	24.33	5,496.52	NPP
	8/16/2021	5,520.83	38.23	NPP	25.60	5,495.23	NPP
	4/11/2022	5,520.83	38.23	NPP	25.34	5,495.49	NPP
	8/1/2022	5,520.83	38.23	NPP	25.60	5,495.23	NPP
	4/24/2023	5,520.83	38.31	NPP	25.34	5,495.49	NPP
	8/9/2023	5,520.83	38.31	NPP	25.57	5,495.26	NPP
MW-40	5/26/2020	5,527.31	29.74	NPP	28.67	5,498.64	NPP
	8/4/2020	5,527.31	29.75	NPP	28.38	5,498.93	NPP
	4/26/2021	5,527.31	29.75	NPP	28.18	5,499.13	NPP
	8/16/2021	5,527.31	29.75	NPP	28.28	5,499.03	NPP
	4/11/2022	5,527.31	29.75	NPP	28.14	5,499.17	NPP
	8/1/2022	5,527.31	29.75	28.49	28.52	5,498.81	0.03
	4/24/2023	5,527.31	29.56	NPP	28.02	5,499.29	NPP
	8/9/2023	5,527.31	29.56	NPP	28.09	5,499.22	NPP
MW-41	5/28/2020	5,526.41	31.30	26.80	26.82	5,499.61	0.02
	8/4/2020	5,526.41	31.35	26.70	26.95	5,499.66	0.25
	4/26/2021	5,526.41	31.30	NPP	31.30	5,495.11	NPP
	8/16/2021	5,526.41	31.30	NPP	NWP	NWP	NPP
	4/11/2022	5,526.41	31.30	NPP	NWP	NWP	NPP
	8/1/2022	5,526.41	31.30	26.86	27.00	5,499.52	0.14
	4/24/2023	5,526.41	31.20	NPP	26.63	5,499.78	NPP
	8/9/2023	5,526.41	31.20	NPP	26.66	5,499.75	NPP

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MW-44	5/27/2020	5,535.44	51.00	NPP	34.23	5,501.21	NPP
	8/4/2020	5,535.44	51.00	NPP	34.32	5,501.12	NPP
	4/26/2021	5,535.44	51.00	NPP	33.69	5,501.75	NPP
	8/16/2021	5,535.44	51.00	NPP	34.28	5,501.16	NPP
	4/11/2022	5,535.44	51.00	NPP	34.29	5,501.15	NPP
	8/1/2022	5,535.44	51.00	NPP	34.90	5,500.54	NPP
	4/24/2023	5,535.44	50.92	NPP	34.80	5,500.64	NPP
	8/9/2023	5,535.44	50.92	NPP	35.28	5,500.16	NPP
MW-45	5/27/2020	5,506.36	16.78	NPP	12.10	5,494.26	NPP
	8/4/2020	5,506.36	16.78	NPP	12.11	5,494.25	NPP
	4/26/2021	5,506.36	16.78	NPP	12.08	5,494.28	NPP
	8/17/2021	5,506.36	16.78	NPP	11.97	5,494.39	NPP
	4/11/2022	5,506.36	16.78	NPP	12.01	5,494.35	NPP
	8/1/2022	5,506.36	16.78	NPP	12.10	5,494.26	NPP
	4/24/2023	5,506.36	16.65	NPP	12.01	5,494.35	NPP
	8/9/2023	5,506.36	16.65	NPP	11.97	5,494.39	NPP
MW-46	5/27/2020	5,504.65	10.17	NPP	NWP	NWP	NPP
	8/4/2020	5,504.65	10.16	NPP	NWP	NWP	NPP
	4/27/2021	5,504.65	10.51	NPP	NWP	NWP	NPP
	8/17/2021	5,504.65	10.51	NPP	NWP	NWP	NPP
	4/11/2022	5,504.65	10.51	NPP	NWP	NWP	NPP
	8/1/2022	5,504.65	10.51	NPP	NWP	NWP	NPP
	4/24/2023	5,504.65	10.09	NPP	NWP	NWP	NPP
	8/9/2023	5,504.65	10.09	NPP	NWP	NWP	NPP
MW-47	5/27/2020	5,506.77	14.17	NPP	13.42	5,493.35	NPP
	8/4/2020	5,506.77	14.17	NPP	13.50	5,493.27	NPP
	4/27/2021	5,506.77	14.17	NPP	13.57	5,493.20	NPP
	8/17/2021	5,506.77	14.17	NPP	13.55	5,493.22	NPP
	4/11/2022	5,506.77	14.17	NPP	13.26	5,493.51	NPP
	8/1/2022	5,506.77	14.17	NPP	12.75	5,494.02	NPP
	4/24/2023	5,506.77	14.10	NPP	12.94	5,493.83	NPP
	8/9/2023	5,506.77	14.10	NPP	13.22	5,493.55	NPP
MW-50	5/26/2020	5,518.79	22.05	NPP	15.39	5,503.40	NPP
	8/4/2020	5,518.79	22.05	NPP	15.15	5,503.64	NPP
	4/26/2021	5,518.79	22.05	NPP	17.40	5,501.39	NPP
	8/16/2021	5,518.79	22.05	NPP	16.75	5,502.04	NPP
	4/11/2022	5,518.79	22.05	NPP	18.55	5,500.24	NPP
	8/1/2022	5,518.79	22.05	NPP	17.55	5,501.24	NPP
	4/24/2023	5,518.79	22.06	NPP	19.56	5,499.23	NPP
	8/9/2023	5,518.79	22.06	NPP	19.29	5,499.50	NPP
MW-51	5/26/2020	5,515.58	22.03	NPP	13.53	5,502.05	NPP
	8/4/2020	5,515.58	22.03	NPP	13.70	5,501.88	NPP
	4/26/2021	5,515.58	22.03	NPP	14.89	5,500.69	NPP
	8/16/2021	5,515.58	22.03	NPP	14.50	5,501.08	NPP
	12/21/2021	5,515.58	22.03	NPP	15.66	5,499.92	NPP
	4/11/2022	5,515.58	22.03	NPP	15.65	5,499.93	NPP
	8/1/2022	5,515.58	22.03	NPP	14.72	5,500.86	NPP
	4/24/2023	5,515.58	22.11	NPP	16.55	5,499.03	NPP
	8/9/2023	5,515.58	22.11	NPP	16.30	5,499.28	NPP

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MW-52	5/28/2020	5,538.63	41.75	NPP	35.43	5,503.20	NPP
	8/4/2020	5,538.63	41.78	NPP	34.85	5,503.78	NPP
	4/26/2021	5,538.63	41.78	NPP	36.44	5,502.19	NPP
	8/16/2021	5,538.63	41.78	NPP	36.46	5,502.17	NPP
	12/21/2021	5,538.63	41.78	NPP	37.16	5,501.47	NPP
	4/11/2022	5,538.63	41.78	NPP	37.40	5,501.23	NPP
	8/1/2022	5,538.63	41.78	NPP	37.20	5,501.43	NPP
	4/24/2023	5,538.63	41.69	NPP	37.72	5,500.91	NPP
	8/9/2023	5,538.63	41.69	NPP	37.89	5,500.74	NPP
MW-53	5/26/2020	5,541.32	43.62	NPP	38.53	5,502.79	NPP
	8/4/2020	5,541.32	43.60	NPP	37.95	5,503.37	NPP
	4/26/2021	5,541.32	43.60	NPP	39.01	5,502.31	NPP
	8/16/2021	5,541.32	43.60	NPP	39.10	5,502.22	NPP
	4/11/2022	5,541.32	43.60	NPP	39.75	5,501.57	NPP
	8/1/2022	5,541.32	43.60	NPP	39.82	5,501.50	NPP
	4/24/2023	5,541.32	43.51	NPP	39.95	5,501.37	NPP
	8/9/2023	5,541.32	43.51	NPP	40.06	5,501.26	NPP
MW-54	5/26/2020	5,530.08	41.19	32.84	32.88	5,497.23	0.04
	8/4/2020	5,530.08	41.22	32.46	32.47	5,497.62	0.01
	4/26/2021	5,530.08	41.22	31.95	32.27	5,498.07	0.32
	8/16/2021	5,530.08	41.22	32.19	32.20	5,497.89	0.01
	4/11/2022	5,530.08	41.22	NPP	32.02	5,498.06	NPP
	8/1/2022	5,530.08	41.22	NPP	32.41	5,497.67	NPP
	4/24/2023	5,530.08	38.00	NPP	31.74	5,498.34	NPP
	8/9/2023	5,530.08	38.00	NPP	32.08	5,498.00	NPP
MW-55	5/27/2020	5,519.84	26.23	21.77	21.89	5,498.05	0.12
	8/4/2020	5,519.84	26.00	21.70	21.75	5,498.13	0.05
	4/26/2021	5,519.84	26.00	21.75	22.00	5,498.04	0.25
	8/16/2021	5,519.84	26.00	21.78	21.83	5,498.05	0.05
	12/21/2021	5,519.84	26.00	21.92	21.96	5,497.91	0.04
	4/11/2022	5,519.84	26.00	21.85	21.88	5,497.98	0.03
	8/1/2022	5,519.84	26.00	21.90	21.96	5,497.93	0.06
	4/24/2023	5,519.84	24.17	21.80	21.82	5,498.04	0.02
	8/9/2023	5,519.84	24.17	21.82	21.84	5,498.02	0.02
MW-56	5/28/2020	5,519.31	23.65	NPP	17.95	5,501.36	NPP
	8/4/2020	5,519.31	23.62	NPP	17.64	5,501.67	NPP
	4/26/2021	5,519.31	23.62	NPP	18.19	5,501.12	NPP
	8/16/2021	5,519.31	23.62	NPP	18.20	5,501.11	NPP
	4/11/2022	5,519.31	23.62	18.61	18.68	5,500.69	0.07
	8/1/2022	5,519.31	23.62	18.43	18.63	5,500.84	0.20
	4/24/2023	5,519.31	21.79	18.59	19.40	5,500.56	0.81
	8/9/2023	5,519.31	21.79	18.70	19.54	5,500.44	0.84

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MW-57	5/28/2020	5,521.17	23.99	NPP	19.38	5,501.79	NPP
	8/4/2020	5,521.17	24.00	19.00	19.06	5,502.16	0.06
	4/26/2021	5,521.17	24.00	19.15	19.59	5,501.93	0.44
	8/16/2021	5,521.17	24.00	19.63	19.69	5,501.53	0.06
	4/11/2022	5,521.17	24.00	19.88	20.80	5,501.11	0.92
	8/1/2022	5,521.17	24.00	19.78	20.50	5,501.25	0.72
	4/24/2023	5,521.17	21.01	19.98	20.79	5,501.03	0.81
	8/9/2023	5,521.17	21.01	20.08	20.88	5,500.93	0.80
MW-58	5/27/2020	5,520.29	27.38	20.99	21.10	5,499.28	0.11
	8/4/2020	5,520.29	27.35	20.80	20.90	5,499.47	0.10
	4/26/2021	5,520.29	27.35	21.18	21.20	5,499.11	0.02
	8/16/2021	5,520.29	27.35	21.10	21.15	5,499.18	0.05
	4/11/2022	5,520.29	27.35	21.33	21.35	5,498.96	0.02
	8/1/2022	5,520.29	27.35	NPP	21.21	5,499.08	NPP
	4/24/2023	5,520.29	25.27	21.19	21.91	5,498.96	0.72
	8/9/2023	5,520.29	25.27	21.98	22.69	5,498.17	0.71
MW-59	5/26/2020	5,545.20	46.95	NPP	43.70	5,501.50	NPP
	8/4/2020	5,545.20	46.94	NPP	43.65	5,501.55	NPP
	4/26/2021	5,545.20	46.94	NPP	43.66	5,501.54	NPP
	8/16/2021	5,545.20	46.94	NPP	43.76	5,501.44	NPP
	4/11/2022	5,545.20	46.94	NPP	44.00	5,501.20	NPP
	8/1/2022	5,545.20	46.94	NPP	44.52	5,500.68	NPP
	4/24/2023	5,545.20	46.86	NPP	44.05	5,501.15	NPP
	8/9/2023	5,545.20	46.86	NPP	44.03	5,501.17	NPP
MW-60	5/26/2020	5,543.71	43.45	NPP	42.96	5,500.75	NPP
	8/4/2020	5,543.71	43.47	NPP	42.95	5,500.76	NPP
	4/26/2021	5,543.71	43.47	NPP	43.45	5,500.26	NPP
	8/16/2021	5,543.71	43.47	NPP	42.88	5,500.83	NPP
	4/11/2022	5,543.71	43.47	NPP	42.88	5,500.83	NPP
	8/2/2022	5,543.71	43.47	NPP	42.89	5,500.82	NPP
	4/24/2023	5,543.71	43.36	NPP	43.01	5,500.70	NPP
	8/9/2023	Could Not Locate					
MW-61	5/26/2020	5,539.41	40.58	36.62	36.74	5,502.77	0.12
	8/4/2020	5,539.41	40.58	NPP	36.38	5,503.03	NPP
	4/26/2021	5,539.41	41.06	NPP	41.06	5,498.35	NPP
	8/16/2021	5,539.41	41.06	NPP	41.19	5,498.22	NPP
	4/11/2022	Well Not Accessible					
	8/1/2022	Well Not Accessible					
	4/24/2023	5,539.41	40.49	NPP	37.14	5,502.27	NPP
	8/9/2023	Well Abandoned					
MW-62	5/26/2020	5,561.32	61.36	NPP	56.53	5,504.79	NPP
	8/4/2020	5,561.32	61.38	NPP	56.50	5,504.82	NPP
	4/26/2021	5,561.32	61.38	NPP	56.27	5,505.05	NPP
	8/16/2021	5,561.32	61.38	NPP	56.48	5,504.84	NPP
	8/4/2022	5,561.32	61.38	NPP	56.76	5,504.56	NPP
	4/24/2023	5,561.32	61.25	NPP	57.11	5,504.21	NPP
	8/9/2023	5,561.32	61.25	NPP	56.80	5,504.52	NPP

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MW-63	5/26/2020	5,547.26	47.87	NPP	45.14	5,502.12	NPP
	8/4/2020	5,547.26	47.89	NPP	44.94	5,502.32	NPP
	4/26/2021	5,547.26	47.89	NPP	45.06	5,502.20	NPP
	8/16/2021	5,547.26	47.89	NPP	45.21	5,502.05	NPP
	4/11/2022	5,547.26	47.89	NPP	45.48	5,501.78	NPP
	8/2/2022	5,547.26	47.89	NPP	45.61	5,501.65	NPP
	4/24/2023	5,547.26	47.80	NPP	45.50	5,501.76	NPP
	8/9/2023	5,547.26	47.80	NPP	45.48	5,501.78	NPP
MW-64	5/26/2020	5,552.29	52.41	NPP	50.35	5,501.94	NPP
	8/4/2020	5,552.29	52.41	NPP	50.29	5,502.00	NPP
	4/26/2021	5,552.29	52.41	NPP	50.23	5,502.06	NPP
	8/16/2021	5,552.29	52.41	NPP	50.46	5,501.83	NPP
	4/11/2022	5,552.29	52.41	NPP	50.05	5,502.24	NPP
	8/2/2022	5,552.29	52.41	NPP	50.60	5,501.69	NPP
	4/24/2023	5,552.29	52.33	NPP	50.54	5,501.75	NPP
	8/9/2023	5,552.29	52.33	NPP	50.48	5,501.81	NPP
MW-65	5/26/2020	5,539.62	44.25	NPP	36.85	5,502.77	NPP
	8/4/2020	5,539.62	44.30	NPP	36.48	5,503.14	NPP
	4/26/2021	Could Not Locate					
	8/16/2021	Could Not Locate					
	4/11/2022	Could Not Locate					
	8/2/2022	Could Not Locate					
	4/24/2023	5,539.62	44.22	NPP	41.71	5,497.91	NPP
	8/9/2023	5,539.62	44.22	NPP	41.73	5,497.89	NPP
MW-66	5/26/2020	5,544.62	44.59	NPP	41.73	5,502.89	NPP
	8/4/2020	5,544.62	45.58	NPP	41.41	5,503.21	NPP
	4/26/2021	5,544.62	45.58	NPP	41.84	5,502.78	NPP
	8/16/2021	5,544.62	45.58	42.01	42.05	5,502.60	0.04
	4/11/2022	5,544.62	45.58	NPP	42.35	5,502.27	NPP
	8/2/2022	5,544.62	45.58	42.41	43.00	5,502.09	0.59
	4/24/2023	5,544.62	45.49	42.31	42.66	5,502.24	0.35
	8/9/2023	5,544.62	45.49	42.33	42.60	5,502.24	0.27
MW-67	5/26/2020	5,523.31	26.12	NPP	19.96	5,503.35	NPP
	8/4/2020	5,523.31	26.12	NPP	19.60	5,503.71	NPP
	4/26/2021	5,523.21	26.12	NPP	21.51	5,501.70	NPP
	8/16/2021	5,523.21	26.12	NPP	21.31	5,501.90	NPP
	4/11/2022	5,523.21	26.12	NPP	22.76	5,500.45	NPP
	8/1/2022	5,523.21	26.12	NPP	21.80	5,501.41	NPP
	4/24/2023	5,523.21	26.22	NPP	23.44	5,499.77	NPP
	8/9/2023	5,523.21	26.22	NPP	23.00	5,500.21	NPP

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MW-68	5/26/2020	5,517.37	21.15	NPP	14.79	5,502.58	NPP
	8/4/2020	5,517.37	21.14	NPP	15.38	5,501.99	NPP
	4/26/2021	5,517.37	21.14	NPP	17.00	5,500.37	NPP
	8/16/2021	5,517.37	21.14	NPP	16.72	5,500.65	NPP
	12/21/2021	5,517.37	21.14	NPP	17.68	5,499.69	NPP
	4/11/2022	5,517.37	21.14	NPP	17.80	5,499.57	NPP
	8/1/2022	5,517.37	21.14	NPP	17.18	5,500.19	NPP
	4/24/2023	5,517.37	21.08	NPP	18.31	5,499.06	NPP
	8/9/2023	5,517.37	21.08	NPP	18.38	5,498.99	NPP
MW-69	5/26/2020	5,508.51	12.05	NPP	NWP	NWP	NPP
	8/4/2020	5,508.51	12.06	NPP	12.01	5,496.50	NPP
	4/26/2021	5,508.51	12.06	NPP	11.91	5,496.60	NPP
	8/17/2021	5,508.51	12.06	NPP	11.88	5,496.63	NPP
	4/11/2022	5,508.51	12.06	NPP	NWP	NWP	NPP
	8/1/2022	5,508.51	12.06	NPP	NWP	NWP	NPP
	4/24/2023	5,508.51	12.01	NPP	NWP	NWP	NPP
	8/9/2023	5,508.51	12.01	NPP	NWP	NWP	NPP
MW-70	5/26/2020	5,527.96	28.77	NPP	24.54	5,503.42	NPP
	8/4/2020	5,527.96	28.75	NPP	23.90	5,504.06	NPP
	4/26/2021	5,527.96	28.75	NPP	25.66	5,502.30	NPP
	8/16/2021	5,527.96	28.75	NPP	26.33	5,501.63	NPP
	4/11/2022	5,527.96	28.75	NPP	27.75	5,500.21	NPP
	8/1/2022	5,527.96	28.75	NPP	26.65	5,501.31	NPP
	4/24/2023	5,527.96	28.91	NPP	27.09	5,500.87	NPP
	8/9/2023	5,527.96	28.91	NPP	27.12	5,500.84	NPP
MW-71	5/27/2020	5,529.08	38.10	30.15	30.25	5,498.91	0.10
	8/4/2020	5,529.08	38.09	30.05	30.15	5,499.01	0.10
	4/26/2021	5,529.08	38.09	29.65	30.10	5,499.34	0.45
	8/16/2021	5,529.08	38.09	30.11	30.29	5,498.93	0.18
	4/11/2022	5,529.08	38.09	32.06	33.01	5,496.83	0.95
	8/1/2022	5,529.08	38.09	30.33	30.42	5,498.73	0.09
	4/24/2023	5,529.08	37.96	NPP	30.08	5,499.00	NPP
	8/9/2023	5,529.08	37.96	NPP	30.01	5,499.07	NPP
MW-72	5/27/2020	5,528.54	34.95	28.61	28.71	5,499.91	0.10
	8/4/2020	5,528.54	34.90	28.57	28.62	5,499.96	0.05
	4/26/2021	5,528.54	34.90	NPP	29.67	5,498.87	NPP
	8/16/2021	5,528.54	34.90	28.81	28.90	5,499.71	0.09
	4/11/2022	5,528.54	34.90	28.88	28.96	5,499.64	0.08
	8/1/2022	5,528.54	34.90	28.98	29.05	5,499.55	0.07
	4/24/2023	5,528.54	34.92	28.74	28.81	5,499.79	0.07
	8/9/2023	5,528.54	34.92	28.69	28.74	5,499.84	0.05
MW-73	5/27/2020	5,528.92	36.83	NPP	29.74	5,499.18	NPP
	8/4/2020	5,528.92	36.83	NPP	29.63	5,499.29	NPP
	4/26/2021	5,528.92	36.83	NPP	29.67	5,499.25	NPP
	8/16/2021	5,528.92	36.83	NPP	29.73	5,499.19	NPP
	4/11/2022	5,528.92	36.83	NPP	29.82	5,499.10	NPP
	8/1/2022	5,528.92	36.83	NPP	29.97	5,498.95	NPP
	4/24/2023	5,528.92	36.75	NPP	29.73	5,499.19	NPP
	8/9/2023	5,528.92	36.75	NPP	29.60	5,499.32	NPP

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MW-74	5/27/2020	5,528.92	33.99	NPP	28.98	5,499.94	NPP
	8/4/2020	5,528.92	33.95	NPP	28.86	5,500.06	NPP
	4/26/2021	5,528.92	33.95	NPP	29.02	5,499.90	NPP
	8/16/2021	5,528.92	33.95	NPP	28.98	5,499.94	NPP
	4/11/2022	5,528.92	33.95	NPP	29.22	5,499.70	NPP
	8/1/2022	5,528.92	33.95	NPP	29.31	5,499.61	NPP
	4/24/2023	5,528.92	33.91	NPP	29.10	5,499.82	NPP
	8/9/2023	5,528.92	33.91	NPP	29.01	5,499.91	NPP
MW-75	5/27/2020	5,528.76	32.27	NPP	28.59	5,500.17	NPP
	8/4/2020	5,528.76	32.28	28.38	28.39	5,500.38	0.01
	4/29/2021	5,528.76	32.28	28.05	28.55	5,500.61	0.50
	8/16/2021	5,528.76	32.28	NPP	28.61	5,500.15	NPP
	4/11/2022	5,528.76	32.38	NPP	28.84	5,499.92	NPP
	8/1/2022	5,528.76	32.38	NPP	28.91	5,499.85	NPP
	4/24/2023	5,528.76	32.15	NPP	28.72	5,500.04	NPP
	8/9/2023	5,528.76	32.15	NPP	28.74	5,500.02	NPP
MW-76	5/26/2020	5,528.61	34.14	NPP	29.15	5,499.46	NPP
	8/4/2020	5,528.61	34.13	NPP	28.95	5,499.66	NPP
	4/29/2021	5,528.61	34.13	NPP	28.93	5,499.68	NPP
	8/16/2021	5,528.61	34.14	NPP	29.02	5,499.59	NPP
	4/11/2022	5,528.61	34.14	NPP	29.12	5,499.49	NPP
	8/1/2022	5,528.61	34.14	NPP	29.12	5,499.49	NPP
	4/24/2023	5,528.61	34.09	NPP	28.86	5,499.75	NPP
	8/9/2023	5,528.61	34.09	NPP	28.85	5,499.76	NPP
MW-77	5/28/2020	5,527.59	34.40	29.07	29.75	5,498.38	0.68
	8/4/2020	5,527.59	34.40	28.98	29.53	5,498.50	0.55
	4/29/2021	5,527.59	34.40	28.69	29.38	5,498.76	0.69
	8/16/2021	5,527.59	34.40	28.87	29.21	5,498.65	0.34
	4/11/2022	5,527.59	34.40	28.63	29.21	5,498.84	0.58
	8/1/2022	5,527.59	34.40	29.05	29.69	5,498.41	0.64
	4/24/2023	5,527.59	34.30	NPP	28.61	5,498.98	NPP
	8/9/2023	5,527.59	34.30	28.55	29.10	5,498.93	0.55
MW-78	4/24/2023	NM	37.50	NPP	33.60	NM	NPP
	8/9/2023	NM	37.50	NPP	33.71	NM	NPP
P-03	5/26/2020	5,510.77	22.81	NPP	12.17	5,498.60	NPP
	8/4/2020	5,510.77	22.81	NPP	11.30	5,499.47	NPP
	4/27/2021	5,510.77	22.81	NPP	12.03	5,498.74	NPP
	8/16/2021	5,510.77	22.81	NPP	11.97	5,498.80	NPP
	4/11/2022	Well Not Accessible					
	8/2/2022	5,510.77	22.81	NPP	10.56	5,500.21	NPP
	4/24/2023	5,510.77	22.73	NPP	11.53	5,499.24	NPP
	8/9/2023	5,510.77	22.73	NPP	11.62	5,499.15	NPP

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MW BCK1	5/28/2020	5,517.80	80.65	NPP	77.37	5,440.43	NPP
	8/4/2020	5,517.80	80.65	NPP	77.40	5,440.40	NPP
	4/28/2021	5,517.80	80.65	NPP	77.39	5,440.41	NPP
	8/16/2021	5,517.80	80.65	NPP	77.42	5,440.38	NPP
	4/11/2022	5,517.80	80.65	NPP	77.44	5,440.36	NPP
	8/2/2022	5,517.80	80.65	NPP	77.44	5,440.36	NPP
	4/24/2023	5,517.80	80.54	NPP	78.41	5,439.39	NPP
	8/9/2023	5,517.80	80.54	NPP	78.48	5,439.32	NPP
MW BCK2	5/28/2020	5,620.14	46.99	NPP	26.07	5,594.07	NPP
	8/4/2020	5,620.14	46.98	NPP	26.56	5,593.58	NPP
	4/28/2021	5,620.14	46.98	NPP	26.09	5,594.05	NPP
	8/16/2021	5,620.14	46.98	NPP	26.91	5,593.23	NPP
	4/11/2022	5,620.14	46.98	NPP	26.20	5,593.94	NPP
	8/2/2022	5,620.14	46.98	NPP	26.93	5,593.21	NPP
	4/24/2023	5,620.14	47.93	NPP	28.23	5,591.91	NPP
	8/9/2023	5,620.14	47.93	NPP	28.46	5,591.68	NPP
RW-1	5/28/2020	5,529.34	40.88	NPP	31.58	5,497.76	NPP
	8/4/2020	5,529.34	40.85	NPP	31.28	5,498.06	NPP
	4/26/2021	5,529.34	40.85	31.15	31.18	5,498.18	0.03
	8/16/2021	5,529.34	40.85	NPP	30.98	5,498.36	NPP
	4/11/2022	5,529.34	40.85	NPP	30.95	5,498.39	NPP
	8/2/2022	5,529.34	40.85	NPP	31.25	5,498.09	NPP
	4/24/2023	5,529.34	40.89	NPP	30.62	5,498.72	NPP
	8/9/2023	5,529.34	40.89	NPP	30.62	5,498.72	NPP
RW-2	5/28/2020	5,526.94	34.70	26.75	27.71	5,500.00	0.96
	8/4/2020	5,526.94	35.20	26.65	27.10	5,500.20	0.45
	4/26/2021	5,526.94	35.20	26.49	26.69	5,500.41	0.20
	8/16/2021	5,526.94	35.20	26.76	27.40	5,500.05	0.64
	4/11/2022	5,526.94	35.20	26.69	27.42	5,500.10	0.73
	8/1/2022	5,526.94	35.20	26.83	27.50	5,499.98	0.67
	4/24/2023	5,526.94	31.28	NPP	27.14	5,499.80	NPP
	8/9/2023	5,526.94	31.28	26.80	27.30	5,500.04	0.50
RW-3	5/26/2020	5,520.35	33.83	NPP	22.71	5,497.64	NPP
	8/4/2020	5,520.35	33.80	NPP	22.20	5,498.15	NPP
	4/26/2021	5,520.35	33.80	NPP	22.24	5,498.11	NPP
	8/16/2021	5,520.35	33.80	NPP	22.31	5,498.04	NPP
	4/11/2022	5,520.35	33.80	NPP	21.95	5,498.40	NPP
	8/1/2022	5,520.35	33.80	NPP	21.98	5,498.37	NPP
	4/24/2023	5,520.35	33.62	NPP	22.34	5,498.01	NPP
	8/9/2023	5,520.35	33.62	NPP	21.98	5,498.37	NPP
P-2/RW-4	5/28/2020	5,523.86	38.02	27.04	27.40	5,496.75	0.36
	8/4/2020	5,523.86	38.10	26.95	27.35	5,496.83	0.40
	4/26/2021	5,523.86	38.10	26.61	27.01	5,497.17	0.40
	8/16/2021	5,523.86	38.10	27.09	27.55	5,496.68	0.46
	4/11/2022	5,523.86	38.10	27.08	27.65	5,496.67	0.57
	8/1/2022	5,523.86	38.10	27.11	27.69	5,496.63	0.58
	4/24/2023	Not On Plan					
	8/9/2023	Not On Plan					

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RW-9	5/27/2020	5,523.21	33.95	24.71	24.73	5,498.50	0.02
	8/4/2020	5,523.21	33.90	24.73	24.74	5,498.48	0.01
	4/26/2021	5,523.21	33.90	24.37	24.77	5,498.76	0.40
	8/16/2021	5,523.21	33.90	NPP	24.79	5,498.42	NPP
	4/11/2022	5,523.21	33.90	NPP	24.80	5,498.41	NPP
	8/2/2022	5,523.21	33.90	NPP	24.88	5,498.33	NPP
	4/24/2023	5,523.21	31.95	NPP	24.78	5,498.43	NPP
	8/9/2023	5,523.21	31.95	NPP	24.73	5,498.48	NPP
RW-14	5/28/2020	5,537.50	41.90	NPP	34.42	5,503.08	NPP
	8/4/2020	5,537.50	41.85	NPP	33.92	5,503.58	NPP
	4/26/2021	5,537.50	41.85	NPP	35.49	5,502.01	NPP
	8/16/2021	5,537.50	41.85	NPP	35.29	5,502.21	NPP
	4/11/2022	5,537.50	41.85	36.20	36.25	5,501.29	0.05
	8/1/2022	5,537.50	41.85	35.96	36.00	5,501.53	0.04
	4/24/2023	5,537.50	42.06	36.44	36.51	5,501.05	0.07
	8/9/2023	5,537.50	42.06	36.32	37.36	5,500.97	1.04
RW-15	5/27/2020	5,536.83	42.10	NPP	34.52	5,502.31	NPP
	8/4/2020	5,536.83	42.10	NPP	34.02	5,502.81	NPP
	4/26/2021	5,536.83	42.10	NPP	35.19	5,501.64	NPP
	8/16/2021	5,536.83	42.10	NPP	35.18	5,501.65	NPP
	4/11/2022	5,536.83	42.10	35.93	35.97	5,500.89	0.04
	8/1/2022	5,536.83	42.10	35.60	35.75	5,501.20	0.15
	4/24/2023	5,536.83	38.49	36.05	36.22	5,500.75	0.17
	8/9/2023	5,536.83	38.49	36.02	36.65	5,500.68	0.63
RW-16	5/27/2020	5,535.45	40.49	NPP	34.10	5,501.35	NPP
	8/4/2020	5,535.45	43.15	33.81	33.95	5,501.61	0.14
	4/26/2021	5,535.45	43.15	34.01	34.36	5,501.37	0.35
	8/16/2021	5,535.45	43.15	34.45	35.50	5,500.79	1.05
	4/11/2022	5,535.45	43.15	34.81	35.91	5,500.42	1.10
	8/1/2022	5,535.45	43.15	34.71	34.82	5,500.72	0.11
	4/24/2023	5,535.45	43.12	34.71	35.30	5,500.62	0.59
	8/9/2023	5,535.45	43.12	34.78	35.38	5,500.55	0.60
RW-17	5/28/2020	5,533.84	38.89	NPP	33.19	5,500.65	NPP
	8/4/2020	5,533.84	39.95	NPP	33.02	5,500.82	NPP
	4/26/2021	5,533.84	39.95	NPP	33.23	5,500.61	NPP
	8/16/2021	5,533.84	39.95	NPP	33.32	5,500.52	NPP
	4/11/2022	5,533.84	39.95	NPP	33.53	5,500.31	NPP
	8/1/2022	5,533.84	39.95	NPP	33.60	5,500.24	NPP
	4/24/2023	5,533.84	34.95	NPP	33.41	5,500.43	NPP
	8/9/2023	5,533.84	34.95	NPP	33.48	5,500.36	NPP
RW-18	5/27/2020	5,529.38	37.80	NPP	30.22	5,499.16	NPP
	8/4/2020	5,529.38	37.85	29.91	29.95	5,499.46	0.04
	4/26/2021	5,529.38	37.85	29.74	29.99	5,499.59	0.25
	8/16/2021	5,529.38	37.85	30.08	30.11	5,499.29	0.03
	4/11/2022	Well Not Accessible					
	8/1/2022	Well Not Accessible					
	4/24/2023	5,529.38	34.71	30.20	30.22	5,499.18	0.02
	8/9/2023	5,529.38	34.71	30.19	30.25	5,499.18	0.06

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RW-19	5/26/2020	5,530.51	35.16	30.19	30.24	5,500.31	0.05
	8/4/2020	5,530.51	35.20	30.13	31.36	5,500.13	1.23
	4/26/2021	5,530.51	35.20	NPP	31.00	5,499.51	NPP
	8/16/2021	5,530.51	35.20	30.45	30.50	5,500.05	0.05
	4/11/2022	5,530.51	35.20	30.32	31.75	5,499.90	1.43
	8/1/2022	5,530.51	35.20	NPP	29.85	5,500.66	NPP
	4/24/2023	5,530.51	32.71	30.35	30.66	5,500.10	0.31
	8/9/2023	5,530.51	32.71	30.37	30.65	5,500.08	0.28
RW-22	5/28/2020	5,524.44	35.36	NPP	25.73	5,498.71	NPP
	8/4/2020	5,524.44	35.40	NPP	25.61	5,498.83	NPP
	4/26/2021	5,524.44	35.40	25.35	25.70	5,499.02	0.35
	8/16/2021	5,524.44	35.40	25.68	25.80	5,498.74	0.35
	4/11/2022	5,524.44	35.40	NPP	25.75	5,498.69	NPP
	8/1/2022	5,524.44	35.40	25.84	25.94	5,498.58	0.10
	4/24/2023	5,524.44	35.41	25.64	25.78	5,498.77	0.14
	8/9/2023	5,524.44	35.41	25.56	25.65	5,498.86	0.09
RW-23	5/27/2020	5,521.38	35.56	NPP	23.34	5,498.04	NPP
	8/4/2020	5,521.38	35.60	NPP	23.33	5,498.05	NPP
	4/26/2021	5,521.38	35.60	NPP	23.36	5,498.02	NPP
	8/16/2021	5,521.38	35.60	NPP	23.35	5,498.03	NPP
	4/11/2022	5,521.38	35.60	NPP	23.35	5,498.03	NPP
	8/2/2022	5,521.38	35.60	NPP	23.26	5,498.12	NPP
	4/24/2023	5,521.38	35.35	NPP	23.31	5,498.07	NPP
	8/9/2023	5,521.38	35.35	NPP	23.26	5,498.12	NPP
RW-28	5/27/2020	5,527.93	37.17	29.21	30.17	5,498.53	0.96
	8/4/2020	5,527.93	37.10	29.50	29.69	5,498.39	0.19
	4/26/2021	5,527.93	37.10	29.05	29.25	5,498.84	0.20
	8/16/2021	5,527.93	37.10	29.30	29.48	5,498.59	0.18
	4/11/2022	5,527.93	37.10	29.35	29.66	5,498.52	0.31
	8/1/2022	5,527.93	37.10	29.45	30.27	5,498.32	0.82
	4/24/2023	5,527.93	37.09	29.21	29.79	5,498.60	0.58
	8/9/2023	5,527.93	37.09	29.08	30.17	5,498.63	1.09
RW-42	5/28/2020	5,527.48	32.11	NPP	27.18	5,500.30	NPP
	8/4/2020	5,527.48	32.15	NPP	27.12	5,500.36	NPP
	4/26/2021	5,527.48	32.15	NPP	27.17	5,500.31	NPP
	8/16/2021	Pump Running in Well - Unable to Gauge					
	4/11/2022	5,527.48	32.15	NPP	27.49	5,499.99	NPP
	8/1/2022	Pump Running in Well - Unable to Gauge					
	4/24/2023	5,527.48	31.95	27.36	27.46	5,500.10	0.10
	8/9/2023	5,527.48	31.95	27.43	27.53	5,500.03	0.10
RW-43	5/27/2020	5,520.02	24.25	20.42	20.55	5,499.57	0.13
	8/4/2020	5,520.02	24.25	20.20	20.25	5,499.81	0.05
	4/26/2021	5,520.02	24.25	21.15	21.56	5,498.79	0.41
	8/16/2021	Not Gauged					
	4/11/2022	5,520.02	24.25	26.80	27.47	5,493.09	0.67
	8/16/2022	5,520.02	24.25	20.80	21.35	5,499.11	0.55
	4/24/2023	5,520.02	24.17	20.87	21.50	5,499.02	0.63
	8/9/2023	5,520.02	24.17	20.90	21.57	5,498.99	0.67

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OW 0+60	5/29/2020	5,506.62	12.33	NPP	12.13	5,494.49	NPP
	8/4/2020	5,506.62	12.32	NPP	12.28	5,494.34	NPP
	4/27/2021	5,506.62	12.34	NPP	12.34	5,494.28	NPP
	8/16/2021	5,506.62	12.34	NPP	12.11	5,494.51	NPP
	4/11/2022	5,506.62	12.34	NPP	11.93	5,494.69	NPP
	8/1/2022	5,506.62	12.34	NPP	11.22	5,495.40	NPP
	4/24/2023	5,506.62	12.27	NPP	11.76	5,494.86	NPP
	8/9/2023	5,506.62	12.27	NPP	12.07	5,494.55	NPP
OW 1+50	5/27/2020	5,508.03	14.43	NPP	14.43	5,493.60	NPP
	8/4/2020	5,508.03	14.43	NPP	14.39	5,493.64	NPP
	4/27/2021	5,508.03	14.42	NPP	14.42	5,493.61	NPP
	8/16/2021	5,508.03	14.42	NPP	14.39	5,493.64	NPP
	4/11/2022	5,508.03	14.42	NPP	14.21	5,493.82	NPP
	8/1/2022	5,508.03	14.42	NPP	13.35	5,494.68	NPP
	4/24/2023	5,508.03	14.42	NPP	13.94	5,494.09	NPP
	8/9/2023	5,508.03	14.42	NPP	14.32	5,493.71	NPP
OW 3+85	5/27/2020	5,507.31	15.14	NPP	14.13	5,493.18	NPP
	8/4/2020	5,507.31	15.12	NPP	14.20	5,493.11	NPP
	4/27/2021	5,507.31	15.22	NPP	14.14	5,493.17	NPP
	8/17/2021	5,507.31	15.22	NPP	14.35	5,492.96	NPP
	4/11/2022	5,507.31	15.22	NPP	13.80	5,493.51	NPP
	8/1/2022	5,507.31	15.22	NPP	13.34	5,493.97	NPP
	4/24/2023	5,507.31	15.08	NPP	13.48	5,493.83	NPP
	8/9/2023	5,507.31	15.08	NPP	13.73	5,493.58	NPP
OW 5+50	5/27/2020	5,507.59	13.82	NPP	13.62	5,493.97	NPP
	8/4/2020	5,507.59	13.82	NPP	13.59	5,494.00	NPP
	4/27/2021	5,507.59	13.85	NPP	13.85	5,493.74	NPP
	8/17/2021	5,507.59	13.85	NPP	NWP	NWP	NPP
	4/11/2022	5,507.59	13.85	NPP	NWP	NWP	NPP
	8/1/2022	5,507.59	13.85	NPP	NWP	NWP	NPP
	4/24/2023	5,507.59	13.76	NPP	13.69	5,493.90	NPP
	8/9/2023	5,507.59	13.76	NPP	13.52	5,494.07	NPP
OW 6+70	5/27/2020	5,504.78	16.55	NPP	NWP	NWP	NPP
	8/4/2020	5,504.78	16.55	NPP	NWP	NWP	NPP
	4/27/2021	5,504.78	16.55	NPP	16.55	5,488.23	NPP
	8/17/2021	5,504.78	16.55	NPP	NWP	NWP	NPP
	4/11/2022	5,504.78	16.55	NPP	16.55	5,488.23	NPP
	8/1/2022	5,504.78	16.55	NPP	NWP	NWP	NPP
	4/24/2023	5,504.78	16.50	NPP	NWP	NWP	NPP
	8/9/2023	5,504.78	16.50	NPP	NWP	NWP	NPP
OW 8+10	5/27/2020	5,506.53	16.07	NPP	15.83	5,490.70	NPP
	8/4/2020	5,506.53	16.10	NPP	15.78	5,490.75	NPP
	4/27/2021	5,506.53	16.10	NPP	15.66	5,490.87	NPP
	8/17/2021	5,506.53	16.10	NPP	NWP	NWP	NPP
	4/11/2022	5,506.53	16.10	NPP	NWP	NWP	NPP
	8/1/2022	5,506.53	16.10	NPP	NWP	NWP	NPP
	4/24/2023	5,506.53	16.10	NPP	14.97	5,491.56	NPP
	8/9/2023	Unable to Access - Locked					

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OW 11+15	5/27/2020	5,506.70	16.65	NPP	12.82	5,493.88	NPP
	8/4/2020	5,506.70	16.65	NPP	12.78	5,493.92	NPP
	4/27/2021	5,506.70	16.75	NPP	12.76	5,493.94	NPP
	8/17/2021	5,506.70	16.75	NPP	12.67	5,494.03	NPP
	4/11/2022	5,506.70	16.75	NPP	12.71	5,493.99	NPP
	8/1/2022	5,506.70	16.75	NPP	12.71	5,493.99	NPP
	4/24/2023	5,506.70	16.60	NPP	12.73	5,493.97	NPP
	8/9/2023	5,506.70	16.60	NPP	12.64	5,494.06	NPP
OW 14+10	5/27/2020	5,508.14	13.02	NPP	NWP	NWP	NPP
	8/4/2020	5,508.14	13.04	NPP	NWP	NWP	NPP
	4/27/2021	5,508.14	13.07	NPP	13.07	5,495.07	NPP
	8/17/2021	5,508.14	13.07	NPP	NWP	NWP	NPP
	4/11/2022	5,508.14	13.07	NPP	NWP	NWP	NPP
	8/1/2022	5,508.14	13.07	NPP	NWP	NWP	NPP
	4/24/2023	5,508.14	13.07	NPP	NWP	NWP	NPP
	8/9/2023	5,508.14	13.07	NPP	NWP	NWP	NPP
OW 16+60	5/27/2020	5,508.43	15.31	NPP	13.03	5,495.40	NPP
	8/4/2020	5,508.43	15.31	NPP	12.80	5,495.63	NPP
	4/27/2021	5,508.43	15.31	NPP	13.29	5,495.14	NPP
	8/17/2021	5,508.43	15.31	NPP	13.26	5,495.17	NPP
	4/11/2022	5,508.43	15.31	NPP	13.36	5,495.07	NPP
	8/1/2022	5,508.43	15.31	NPP	13.17	5,495.26	NPP
	4/24/2023	5,508.43	15.24	NPP	12.99	5,495.44	NPP
	8/9/2023	5,508.43	15.24	NPP	13.25	5,495.18	NPP
OW 19+50	5/27/2020	5,508.03	13.05	NPP	13.02	5,495.01	NPP
	8/4/2020	5,508.03	13.05	NPP	NWP	NWP	NPP
	4/27/2021	5,508.03	13.09	NPP	13.09	5,494.94	NPP
	8/17/2021	5,508.03	13.09	NPP	NWP	NWP	NPP
	4/11/2022	5,508.03	13.09	NPP	NWP	NWP	NPP
	8/1/2022	5,508.03	13.09	NPP	NWP	NWP	NPP
	4/24/2023	5,508.03	13.00	NPP	12.62	5,495.41	NPP
	8/9/2023	5,508.03	13.00	NPP	12.62	5,495.41	NPP
OW 22+00	5/27/2020	5,506.91	14.20	NPP	12.51	5,494.40	NPP
	8/4/2020	5,506.91	14.22	NPP	12.70	5,494.21	NPP
	4/27/2021	5,506.91	14.22	NPP	11.96	5,494.95	NPP
	8/17/2021	5,506.91	14.22	NPP	13.38	5,493.53	NPP
	4/11/2022	5,506.91	14.22	NPP	10.24	5,496.67	NPP
	8/1/2022	5,506.91	14.22	NPP	12.03	5,494.88	NPP
	4/24/2023	5,506.91	14.15	NPP	11.73	5,495.18	NPP
	8/9/2023	5,506.91	14.15	NPP	13.54	5,493.37	NPP
OW 23+10	5/26/2020	5,514.12	18.42	NPP	16.79	5,497.33	NPP
	8/4/2020	5,514.12	18.41	NPP	16.60	5,497.52	NPP
	4/27/2021	5,514.12	18.41	NPP	16.67	5,497.45	NPP
	8/17/2021	5,514.12	18.41	NPP	16.77	5,497.35	NPP
	4/11/2022	5,514.12	18.20	NPP	16.85	5,497.27	NPP
	8/1/2022	5,514.12	18.20	NPP	16.68	5,497.44	NPP
	4/24/2023	5,514.12	18.34	NPP	16.94	5,497.18	NPP
	8/9/2023	5,514.12	18.34	NPP	17.07	5,497.05	NPP

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OW 23+90	5/26/2020	5,515.18	18.13	NPP	17.63	5,497.55	NPP
	8/4/2020	5,515.18	18.13	NPP	17.40	5,497.78	NPP
	4/27/2021	5,515.18	18.12	NPP	18.12	5,497.06	NPP
	8/17/2021	5,515.18	18.12	NPP	17.61	5,497.57	NPP
	4/11/2022	5,515.18	18.12	NPP	NWP	NWP	NPP
	8/1/2022	5,515.18	18.12	NPP	NWP	NWP	NPP
	4/24/2023	5,515.18	18.07	NPP	17.85	5,497.33	NPP
	8/9/2023	5,515.18	18.07	NPP	17.91	5,497.27	NPP
OW 25+70	5/26/2020	5,509.00	14.04	NPP	11.24	5,497.76	NPP
	8/4/2020	5,509.00	14.04	NPP	11.12	5,497.88	NPP
	4/27/2021	5,509.00	14.04	NPP	11.10	5,497.90	NPP
	8/17/2021	5,509.00	14.04	NPP	11.22	5,497.78	NPP
	4/11/2022	5,509.00	14.04	NPP	11.44	5,497.56	NPP
	8/1/2022	5,509.00	14.04	NPP	11.25	5,497.75	NPP
	4/24/2023	5,509.00	13.95	NPP	11.45	5,497.55	NPP
	8/9/2023	5,509.00	13.95	NPP	NWP	NWP	NPP
CW 0+60	5/27/2020	5,506.68	13.78	NPP	9.12	5,497.56	NPP
	8/4/2020	5,506.68	14.15	NPP	8.88	5,497.80	NPP
	4/27/2021	5,506.68	14.15	NPP	8.82	5,497.86	NPP
	8/16/2021	5,506.68	14.15	NPP	8.85	5,497.83	NPP
	4/11/2022	5,506.68	14.15	NPP	8.59	5,498.09	NPP
	8/1/2022	5,506.68	14.15	NPP	8.45	5,498.23	NPP
	4/24/2023	5,506.68	13.39	NPP	8.30	5,498.38	NPP
	8/9/2023	5,506.68	13.39	NPP	8.77	5,497.91	NPP
CW 1+50	5/27/2020	5,505.13	13.33	NPP	7.49	5,497.64	NPP
	8/4/2020	5,505.13	13.42	NPP	7.30	5,497.83	NPP
	4/27/2021	5,505.13	13.42	NPP	7.13	5,498.00	NPP
	8/16/2021	5,505.13	13.42	NPP	7.11	5,498.02	NPP
	4/11/2022	5,505.13	13.42	NPP	6.88	5,498.25	NPP
	8/1/2022	5,505.13	13.42	NPP	7.05	5,498.08	NPP
	4/24/2023	5,505.13	13.39	NPP	6.62	5,498.51	NPP
	8/9/2023	5,505.13	13.39	NPP	6.99	5,498.14	NPP
CW 3+85	5/27/2020	5,503.87	13.18	NPP	6.20	5,497.67	NPP
	8/4/2020	5,503.87	13.30	NPP	6.05	5,497.82	NPP
	4/27/2021	5,503.87	13.30	NPP	5.88	5,497.99	NPP
	8/17/2021	5,503.87	13.30	NPP	5.90	5,497.97	NPP
	4/11/2022	5,503.87	13.30	NPP	5.70	5,498.17	NPP
	8/1/2022	5,503.87	13.30	NPP	5.88	5,497.99	NPP
	4/24/2023	5,503.87	13.24	NPP	5.55	5,498.32	NPP
	8/9/2023	5,503.87	13.24	NPP	5.73	5,498.14	NPP
CW 5+50	5/27/2020	5,503.76	12.31	NPP	6.67	5,497.09	NPP
	8/4/2020	5,503.76	12.31	NPP	6.66	5,497.10	NPP
	4/27/2021	5,503.76	12.31	NPP	6.50	5,497.26	NPP
	8/17/2021	5,503.76	12.31	NPP	NWP	NWP	NPP
	4/11/2022	5,503.76	12.31	NPP	6.45	5,497.31	NPP
	8/1/2022	5,503.76	12.31	NPP	6.44	5,497.32	NPP
	4/24/2023	5,503.76	12.29	NPP	6.31	5,497.45	NPP
	8/9/2023	5,503.76	12.29	NPP	6.40	5,497.36	NPP

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CW 6+70	5/27/2020	5,503.84	6.97	NPP	NWP	NWP	NPP
	8/4/2020	5,503.84	6.97	NPP	NWP	NWP	NPP
	4/27/2021	5,503.84	6.97	NPP	6.87	5,496.97	NPP
	8/17/2021	5,503.84	6.97	NPP	NWP	NWP	NPP
	4/11/2022	5,503.84	6.97	NPP	6.78	5,497.06	NPP
	8/1/2022	5,503.84	6.97	NPP	7.01	5,496.83	NPP
	4/24/2023	5,503.84	11.47	NPP	6.69	5,497.15	NPP
	8/9/2023	5,503.84	11.47	NPP	6.96	5,496.88	NPP
CW 8+10	5/27/2020	5,504.02	11.39	NPP	8.04	5,495.98	NPP
	8/4/2020	5,504.02	11.42	NPP	8.10	5,495.92	NPP
	4/27/2021	5,504.02	11.42	NPP	8.91	5,495.11	NPP
	8/17/2021	5,504.02	11.42	NPP	8.05	5,495.97	NPP
	4/11/2022	5,504.02	11.42	NPP	7.79	5,496.23	NPP
	8/1/2022	5,504.02	11.42	NPP	7.90	5,496.12	NPP
	4/24/2023	5,504.02	11.38	NPP	7.61	5,496.41	NPP
	8/9/2023	5,504.02	11.38	NPP	7.73	5,496.29	NPP
CW 8+45	5/27/2020	5,503.80	12.68	8.27	8.50	5,495.48	0.23
	8/4/2020	5,503.80	12.67	8.30	8.80	5,495.40	0.50
	4/27/2021	5,503.80	12.67	8.27	8.67	5,495.45	0.40
	8/17/2021	5,503.80	12.67	8.18	8.69	5,495.52	0.51
	4/11/2022	5,503.80	12.67	8.20	8.40	5,495.56	0.20
	8/1/2022	5,503.80	12.67	8.31	8.32	5,495.49	0.01
	4/24/2023	5,503.80	12.60	NPP	8.02	5,495.78	NPP
	8/9/2023	5,503.80	12.60	NPP	8.28	5,495.52	NPP
CW 11+15	5/27/2020	5,503.95	12.33	6.10	6.15	5,497.84	0.05
	8/4/2020	5,503.95	12.34	6.00	6.07	5,497.94	0.07
	4/27/2021	5,503.95	12.34	6.00	6.03	5,497.94	0.03
	8/17/2021	5,503.95	12.34	6.00	6.04	5,497.94	0.04
	4/11/2022	5,503.95	12.34	5.98	6.00	5,497.97	0.02
	8/1/2022	5,503.95	12.34	6.14	6.16	5,497.81	0.02
	4/24/2023	Well Destroyed					
CW 14+10	5/27/2020	5,504.39	12.99	NPP	6.65	5,497.74	NPP
	8/4/2020	5,504.39	12.99	NPP	6.55	5,497.84	NPP
	4/27/2021	5,504.39	12.99	NPP	6.59	5,497.80	NPP
	8/17/2021	5,504.39	12.99	NPP	6.61	5,497.78	NPP
	4/11/2022	5,504.39	12.99	NPP	6.51	5,497.88	NPP
	8/1/2022	5,504.39	12.99	NPP	6.50	5,497.89	NPP
	4/24/2023	5,504.39	13.06	NPP	6.45	5,497.94	NPP
	8/9/2023	5,504.39	13.06	NPP	6.45	5,497.94	NPP
CW 16+60	5/27/2020	5,504.32	12.97	NPP	6.35	5,497.97	NPP
	8/4/2020	5,504.32	12.97	NPP	6.40	5,497.92	NPP
	4/27/2021	5,504.32	12.97	NPP	6.42	5,497.90	NPP
	8/17/2021	5,504.32	12.97	NPP	6.35	5,497.97	NPP
	4/11/2022	5,504.32	12.97	NPP	6.33	5,497.99	NPP
	8/1/2022	5,504.32	12.97	NPP	6.26	5,498.06	NPP
	4/24/2023	5,504.32	12.88	NPP	6.28	5,498.04	NPP
	8/9/2023	5,504.32	12.88	NPP	6.26	5,498.06	NPP

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CW 19+50	5/27/2020	5,504.52	10.04	NPP	6.30	5,498.22	NPP
	8/4/2020	5,504.52	10.04	NPP	6.31	5,498.21	NPP
	4/27/2021	5,504.52	10.04	NPP	6.33	5,498.19	NPP
	8/17/2021	5,504.52	10.04	NPP	6.31	5,498.21	NPP
	4/11/2022	5,504.52	10.04	NPP	6.30	5,498.22	NPP
	8/1/2022	5,504.52	10.04	NPP	6.30	5,498.22	NPP
	4/24/2023	5,504.52	10.04	NPP	6.26	5,498.26	NPP
	8/9/2023	5,504.52	10.04	NPP	6.28	5,498.24	NPP
CW 22+00	5/27/2020	5,508.04	12.27	NPP	8.70	5,499.34	NPP
	8/4/2020	5,508.04	12.40	NPP	8.60	5,499.44	NPP
	4/27/2021	5,508.04	12.40	NPP	8.89	5,499.15	NPP
	8/17/2021	5,508.04	12.40	NPP	13.38	5,494.66	NPP
	4/11/2022	5,508.04	12.40	NPP	9.20	5,498.84	NPP
	8/1/2022	5,508.04	12.40	NPP	9.05	5,498.99	NPP
	4/24/2023	5,508.04	12.40	NPP	9.27	5,498.77	NPP
	8/9/2023	5,508.04	12.40	NPP	13.54	5,494.50	NPP
CW 23+10	5/26/2020	5,510.04	14.84	NPP	10.24	5,499.80	NPP
	8/4/2020	5,510.04	14.72	NPP	9.90	5,500.14	NPP
	4/27/2021	5,510.04	14.72	NPP	10.50	5,499.54	NPP
	8/17/2021	5,510.04	14.72	NPP	10.45	5,499.59	NPP
	4/11/2022	5,510.04	14.72	NPP	11.86	5,498.18	NPP
	8/1/2022	5,510.04	14.72	NPP	10.65	5,499.39	NPP
	4/24/2023	5,510.04	14.83	NPP	10.96	5,499.08	NPP
	8/9/2023	5,510.04	14.83	NPP	17.07	5,492.97	NPP
CW 23+90	5/26/2020	5,507.32	11.81	NPP	7.69	5,499.63	NPP
	8/4/2020	5,507.32	11.81	NPP	7.40	5,499.92	NPP
	4/27/2021	5,507.32	11.81	NPP	7.92	5,499.40	NPP
	8/17/2021	5,507.32	11.81	NPP	7.64	5,499.68	NPP
	4/11/2022	5,507.32	11.81	NPP	8.20	5,499.12	NPP
	8/1/2022	5,507.32	11.81	NPP	8.01	5,499.31	NPP
	4/24/2023	5,507.32	11.75	NPP	8.25	5,499.07	NPP
	8/9/2023	5,507.32	11.75	NPP	8.40	5,498.92	NPP
CW 25+95	5/26/2020	5,505.90	12.20	NPP	7.22	5,498.68	NPP
	8/4/2020	5,505.90	12.35	NPP	7.15	5,498.75	NPP
	4/27/2021	5,505.90	12.35	NPP	8.15	5,497.75	NPP
	8/17/2021	5,505.90	12.35	NPP	8.14	5,497.76	NPP
	4/11/2022	5,505.90	12.15	NPP	8.51	5,497.39	NPP
	8/1/2022	5,505.90	12.15	NPP	8.40	5,497.50	NPP
	4/24/2023	5,505.90	12.04	NPP	8.55	5,497.35	NPP
	8/9/2023	5,505.90	12.04	NPP	8.68	5,497.22	NPP
SW1-0206	5/27/2020	5,508.27	53.16	NPP	52.58	5,455.69	NPP
	8/4/2020	5,508.27	53.15	NPP	52.60	5,455.67	NPP
	4/27/2021	5,508.27	53.15	NPP	52.59	5,455.68	NPP
	8/17/2021	5,508.27	53.15	NPP	52.46	5,455.81	NPP
	4/11/2022	5,508.27	53.15	NPP	52.38	5,455.89	NPP
	8/1/2022	5,508.27	53.15	NPP	52.38	5,455.89	NPP
	4/24/2023	5,508.27	53.07	NPP	52.18	5,456.09	NPP
	8/9/2023	5,508.27	53.07	NPP	52.25	5,456.02	NPP

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SW2-0206	5/27/2020	5,508.27	27.78	NPP	25.42	5,482.85	NPP
	8/4/2020	5,508.27	27.78	NPP	25.45	5,482.82	NPP
	4/27/2021	5,508.27	27.78	NPP	27.78	5,480.49	NPP
	8/17/2021	5,508.27	27.78	NPP	25.40	5,482.87	NPP
	4/11/2022	5,508.27	27.78	NPP	25.31	5,482.96	NPP
	8/1/2022	5,508.27	27.78	NPP	25.55	5,482.72	NPP
	4/24/2023	5,508.27	27.70	NPP	25.46	5,482.81	NPP
	8/9/2023	5,508.27	27.70	NPP	25.68	5,482.59	NPP
SW3-0206	5/27/2020	5,505.29	52.64	NPP	27.22	5,478.07	NPP
	8/4/2020	5,505.29	52.64	NPP	27.20	5,478.09	NPP
	4/27/2021	5,505.29	52.64	NPP	27.01	5,478.28	NPP
	8/17/2021	5,505.29	52.64	NPP	27.23	5,478.06	NPP
	4/11/2022	5,505.29	52.64	NPP	26.98	5,478.31	NPP
	8/1/2022	5,505.29	52.64	NPP	27.15	5,478.14	NPP
	4/24/2023	5,505.29	52.55	NPP	27.01	5,478.28	NPP
	8/9/2023	5,505.29	52.55	NPP	27.52	5,477.77	NPP
SW4-0206	5/27/2020	5,504.45	42.41	NPP	32.25	5,472.20	NPP
	8/4/2020	5,504.45	42.40	NPP	33.60	5,470.85	NPP
	4/27/2021	5,504.45	42.40	NPP	33.22	5,471.23	NPP
	8/17/2021	5,504.45	42.40	NPP	33.76	5,470.69	NPP
	4/11/2022	5,504.45	42.40	NPP	NWP	NWP	NPP
	8/1/2022	5,504.45	42.40	NPP	33.82	5,470.63	NPP
	4/24/2023	5,504.45	42.33	NPP	33.53	5,470.92	NPP
	8/9/2023	5,504.45	42.33	NPP	34.96	5,469.49	NPP
SW5-0206	5/27/2020	5,514.34	52.21	NPP	34.23	5,480.11	NPP
	8/4/2020	5,514.34	52.33	NPP	34.40	5,479.94	NPP
	4/27/2021	5,514.34	52.33	NPP	33.89	5,480.45	NPP
	8/17/2021	5,514.34	52.33	NPP	34.52	5,479.82	NPP
	4/11/2022	5,514.34	52.33	NPP	33.86	5,480.48	NPP
	8/1/2022	5,514.34	52.33	NPP	34.24	5,480.10	NPP
	4/24/2023	5,514.34	52.25	NPP	33.50	5,480.84	NPP
	8/9/2023	5,514.34	52.25	NPP	34.34	5,480.00	NPP
SW6-0206	5/27/2020	5,519.72	47.40	NPP	39.82	5,479.90	NPP
	8/4/2020	5,519.72	47.48	NPP	40.85	5,478.87	NPP
	4/27/2021	5,519.72	47.48	NPP	39.60	5,480.12	NPP
	8/17/2021	5,519.72	47.48	NPP	41.15	5,478.57	NPP
	4/11/2022	5,519.72	47.48	NPP	40.85	5,478.87	NPP
	8/1/2022	5,519.72	47.48	NPP	41.21	5,478.51	NPP
	4/24/2023	5,519.72	42.25	NPP	39.99	5,479.73	NPP
	8/9/2023	5,519.72	42.25	NPP	41.28	5,478.44	NPP
SW7-0206	5/27/2020	5,517.63	32.02	NPP	21.28	5,496.35	NPP
	8/4/2020	5,517.63	32.12	NPP	21.20	5,496.43	NPP
	4/27/2021	5,517.63	32.12	NPP	20.93	5,496.70	NPP
	8/17/2021	5,517.63	32.13	NPP	21.02	5,496.61	NPP
	4/11/2022	5,517.63	32.12	NM	NM	NM	NM
	8/1/2022	5,517.63	32.13	NPP	21.41	5,496.22	NPP
	4/24/2023	5,517.63	31.97	NPP	21.06	5,496.57	NPP
	8/9/2023	5,517.63	31.97	NPP	21.55	5,496.08	NPP

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MP-1	5/28/2020	5,526.34	29.85	26.15	26.91	5,500.04	0.76
	8/4/2020	5,526.34	29.84	26.15	26.82	5,500.06	0.67
	4/26/2021	5,526.34	29.84	26.14	26.86	5,500.06	0.72
	8/16/2021	5,526.34	29.84	26.21	27.04	5,499.96	0.83
	4/11/2022	5,526.34	29.84	26.25	27.11	5,499.92	0.86
	8/1/2022	5,526.34	29.84	26.33	27.27	5,499.82	0.94
MP-2	5/28/2020	5,526.34	29.75	27.10	27.13	5,499.23	0.03
	8/4/2020	5,526.34	29.75	NPP	27.07	5,499.27	NPP
	4/26/2021	5,526.34	29.75	26.96	27.06	5,499.36	0.10
	8/16/2021	5,526.34	29.75	27.15	27.21	5,499.18	0.06
	4/11/2022	5,526.34	29.75	27.02	27.22	5,499.28	0.20
	8/1/2022	5,526.34	29.75	27.28	27.32	5,499.05	0.04
MP-3	5/28/2020	5,528.75	30.72	28.28	28.45	5,500.44	0.17
	8/4/2020	5,528.75	30.68	28.27	28.28	5,500.48	0.01
	4/26/2021	5,528.75	30.68	NPP	21.24	5,507.51	NPP
	8/16/2021	5,528.75	30.68	28.31	28.66	5,500.37	0.35
	4/11/2022	5,528.75	30.68	28.41	28.82	5,500.26	0.41
	8/1/2022	5,528.75	30.68	28.51	29.15	5,500.11	0.64
MP-4	5/28/2020	5,528.75	31.99	28.07	29.30	5,500.43	1.23
	8/4/2020	5,528.75	32.98	28.06	29.25	5,500.45	1.19
	4/26/2021	5,528.75	32.98	27.65	28.09	5,501.01	0.44
	8/16/2021	5,528.75	32.98	28.15	29.45	5,500.34	1.30
	4/11/2022	5,528.75	32.98	28.25	29.52	5,500.25	1.27
	8/1/2022	5,528.75	32.98	28.38	29.77	5,500.09	1.39
MP-5	5/28/2020	5,528.75	31.65	27.72	28.85	5,500.80	1.13
	8/4/2020	5,528.75	31.67	27.69	28.45	5,500.91	0.76
	4/26/2021	5,528.75	31.67	NPP	27.71	5,501.04	NPP
	8/16/2021	5,528.75	31.67	27.80	28.70	5,500.77	0.90
	4/11/2022	5,528.75	31.67	27.88	28.90	5,500.67	1.02
	8/1/2022	5,528.75	31.67	27.98	29.10	5,500.55	1.12
AS-1	5/28/2020	5,526.34	29.45	NPP	26.25	5,500.09	NPP
	8/4/2020	5,526.34	29.41	NPP	26.12	5,500.22	NPP
	4/27/2021	5,526.34	29.41	NPP	26.19	5,500.15	NPP
	8/16/2021	5,526.34	29.41	NPP	26.26	5,500.08	NPP
	4/11/2022	5,526.34	29.41	NPP	26.28	5,500.06	NPP
	8/1/2022	5,526.34	29.41	NPP	26.35	5,499.99	NPP
VEW-1S	5/28/2020	5,526.34	12.81	NPP	NWP	NWP	NPP
	8/4/2020	5,526.34	12.82	NPP	NWP	NWP	NPP
	4/27/2021	5,526.34	12.82	NPP	NWP	NWP	NPP
	8/16/2021	5,526.34	12.82	NPP	NWP	NWP	NPP
	4/11/2022	5,526.34	12.82	NPP	NWP	NWP	NPP
	8/1/2022	5,526.34	12.82	NPP	NWP	NWP	NPP
VEW-1D	5/28/2020	5,526.34	25.80	NPP	NWP	NWP	NPP
	8/4/2020	5,526.34	25.82	NPP	NWP	NWP	NPP
	4/27/2021	5,526.34	25.82	NPP	NWP	NWP	NPP
	8/16/2021	5,526.34	25.82	NPP	NWP	NWP	NPP
	4/11/2022	5,526.34	25.82	NPP	NWP	NWP	NPP
	8/1/2022	5,526.34	25.82	NPP	NWP	NWP	NPP

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Notes:

	= Wells Gauged During Quarterly Gauging Event
Red	= Product Detected During Gauging Event
MW =	Monitor Well
RW =	Recovery Well
OW =	Observation Well
CW =	Collection Well
*SW =	Well Sampled During Significant Rain Events Only
BCK =	Background Well
MP =	Monitor Point
AS =	Air Sparge
VEW =	Vapor Extraction Well
ft =	Feet
AMSL =	Above Mean Sea Level
NPP =	No Product Present
NWP =	No Water Present
SPH =	Separate Phase Hydrocarbon
NM =	Not Measured
TOC =	Top of Casing

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TABLE 2
FIELD PARAMETERS SUMMARY
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Location ID	Date	Temperature (°C)	pH	Electrical Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Total Dissolved Solids (mg/L)
Terminal Wells							
MW-4	8/10/2020	19.22	6.90	2.65	-113.9	1.10	1,722
	8/16/2021	19.42	7.32	2.92	-71.0	0.00	2,150
	8/3/2022	26.00	6.50	2.97	-186.0	0.00	2,060^
	8/9/2023	FPP - Could Not Sample					
MW-8	4/27/2023	16.00	7.40	1.49	99.0	7.48	1,958
MW-20	8/10/2020	NS	NS	NS	NS	NS	NS
	8/23/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Sheen Observed - Could Not Sample					
	8/2/2022	Sheen Observed - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-21	8/10/2020	19.50	6.67	3.49	-187.2	0.56	2,268
	8/20/2021	19.23	6.67	2.51	-146.0	0.89	1,870
	8/4/2022	20.65	5.72	3.88	-255.0	0.43	NS
	8/9/2023	FPP - Could Not Sample					
MW-29	8/10/2020	19.78	7.03	1.45	186.1	0.60	942
	8/20/2021	17.54	5.56	0.88	137.0	0.00	679
	8/2/2022	24.53	6.73	3.11	74.0	0.00	2,160^
	8/10/2023	16.48	7.12	2.66	-22.7	3.07	1,730
MW-30	8/10/2020	23.11	7.02	2.87	-309.1	0.00	1,931
	4/28/2021	NS	NS	NS	NS	NS	NS
	8/19/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Sheen Observed - Could Not Sample					
	8/2/2022	Sheen Observed - Could Not Sample					
	4/27/2023	17.10	6.90	2.96	-296.0	3.46	1,934
	8/11/2023	17.93	7.10	1.89	-366.2	0.00	1,240
MW-31	8/12/2020	18.83	7.10	2.13	-195.1	0.56	1,567
	8/24/2021	19.41	6.81	2.09	-219.0	0.59	1,610
	8/2/2022	20.88	5.52	2.21	-180.0	0.00	1,760^
	8/22/2023	21.60	7.32	2.52	-252.9	0.00	1,638
MW-40	8/7/2020	20.33	7.11	2.59	-85.2	9.05	1,852
	8/18/2021	21.45	6.15	2.36	-70.0	0.50	1,740
	8/1/2022	FPP - Could Not Sample					
	8/11/2023	Insufficient Water to Collect Readings					
MW-44	8/10/2020	18.39	7.04	3.87	45.3	3.10	2,873
	8/19/2021	18.31	7.09	5.20	108.0	1.91	5,000
	8/1/2022	18.75	7.00	5.24	50.0	0.00	4,860^
	8/11/2023	17.17	7.22	3.51	-23.7	2.66	2,290
MW-52	8/10/2020	16.72	7.24	2.60	118.9	3.82	2,009
	4/28/2021	15.20	6.16	3.51	-32.0	3.51	2,870
	8/18/2021	19.96	5.43	4.29	105.0	0.36	3,180
	4/13/2022	13.91	6.78	5.00	99.0	5.98	3,780^
	8/2/2022	21.69	6.25	5.32	168.0	0.00	4,190^
	4/27/2023	15.70	6.63	4.68	141.3	6.42	3,045
	8/17/2023	16.63	6.80	2.75	104.1	0.48	2,170
RW-1	8/7/2020	19.50	7.02	3.15	-285.9	2.12	2,288
	8/18/2021	23.33	5.99	2.12	-99.0	1.38	1,510
	8/1/2022	26.52	6.58	3.57	-149.0	0.00	NS
	8/10/2023	19.22	7.21	2.32	-318.6	0.00	1,610

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RW-9	8/8/2020	NS	NS	NS	NS	NS	NS
	8/18/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Sheen Observed - Could Not Sample					
	8/10/2023	16.17	7.16	2.84	-246.1	0.00	1,840
RW-15	8/10/2020	17.78	7.20	2.22	-91.9	6.23	1,690
	8/19/2021	17.72	7.40	3.04	-66.0	0.61	2,130
	8/1/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
RW-18	8/8/2020	NS	NS	NS	NS	NS	NS
	8/19/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Well Cannot be Accessed					
	8/9/2023	FPP - Could Not Sample					
RW-23	8/12/2020	17.72	6.89	2.36	-128.3	0.40	1,534
	8/19/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Sheen Observed - Could Not Sample					
	8/9/2023	16.11	7.17	1.87	-198.6	1.74	1,210
RW-28	8/8/2020	NS	NS	NS	NS	NS	NS
	8/19/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
RW-42	8/11/2020	17.78	6.85	2.11	-88.5	2.60	1,593
	8/19/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Pump Running in Well - Not Able to Sample					
	8/9/2023	FPP - Could Not Sample					
RW-43	8/8/2020	NS	NS	NS	NS	NS	NS
	8/19/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
Cross-Gradient Wells							
MW-1	8/10/2020	16.83	7.15	0.70	268.0	0.34	456
	4/28/2021	16.57	6.39	0.64	53.0	9.45	435
	8/16/2021	18.14	7.58	0.67	13.0	2.30	516
	4/13/2022	12.19	6.96	0.80	-63.0	4.58	440^
	8/4/2022	17.48	5.49	0.81	-82.0	0.00	546^
	4/27/2023	13.20	7.24	0.89	2.1	8.71	574
	8/11/2023	17.43	7.41	0.54	5.3	2.83	360
MW-13	8/10/2020	23.17	7.01	2.82	-1.2	0.78	1,905
	4/28/2021	16.89	6.25	2.74	7.0	3.99	2,090
	8/23/2021	21.01	7.15	3.39	3.0	2.27	2,650
	4/13/2022	15.11	6.72	2.89	23.0	6.35	2,040^
	8/5/2022	19.25	6.23	3.11	-57.0	0.00	2,470^
	4/28/2023	17.00	7.01	2.82	81.2	4.08	1,828
	8/24/2023	17.50	7.41	1.91	145.3	3.50	1,250
MW-26	8/8/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	22.26	6.44	2.54	-88.0	0.00	1,830
	8/9/2022	19.01	6.31	2.94	-130.0	0.00	1,870^
	8/24/2023	17.71	7.28	1.94	-131.8	1.69	1,260

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MW-27	8/11/2020	19.72	6.78	6.95	258.8	0.70	4,511
	8/23/2021	21.80	6.71	5.93	79.0	6.40	6,810
	8/9/2022	20.21	6.50	7.12	-49.0	0.00	6,460^
	8/24/2023	16.60	7.23	5.07	24.3	4.33	3,300
MW-32	8/23/2021	19.84	7.26	4.45	82.0	5.02	3,880
	8/9/2022	24.40	7.18	5.14	32.0	6.15	4,170^
	8/24/2023	17.58	7.81	3.39	-3.7	1.61	2,210
MW-33	8/11/2020	17.39	7.55	3.97	290.0	2.17	2,580
	4/28/2021	17.03	6.92	3.83	43.0	8.93	3,670
	8/23/2021	23.13	5.64	3.70	160.0	5.85	3,530
	4/12/2022	Sample Obtained But Insufficient Water to Collect Parameters					3,600^
	8/4/2022	Sample Obtained But Insufficient Water to Collect Parameters					3,580^
	4/28/2023	16.00	7.94	3.96	38.2	15.15	2,543
	8/24/2023	18.29	7.89	2.83	30.9	6.55	1,840
Downgradient Wells							
MW-11	8/7/2020	18.70	6.80	3.00	-78.1	1.70	1,956
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Could Not Sample - Wasp Nest In Well					
	8/24/2023	16.59	7.45	1.96	-139.6	2.33	1,270
MW-12	8/7/2020	20.80	7.18	0.39	161.7	0.43	252
	4/28/2021	13.82	6.66	0.67	38.0	3.62	540
	8/17/2021	20.87	6.76	0.31	95.0	2.15	NS
	4/12/2022	10.09	6.83	0.94	126.0	6.03	587^
	8/4/2022	17.96	6.18	0.39	-12.0	0.00	264^
	8/9/2023	Well Dry - Could Not Sample					
MW-34	8/10/2020	18.22	6.99	3.31	-92.7	1.12	2,132
	8/17/2021	19.01	6.88	2.59	-93.0	0.82	NS
	8/9/2022	17.91	6.54	3.09	-161.0	0.00	2,200^
	8/9/2023	Well Dry - Could Not Sample					
MW-35	8/11/2020	17.67	6.81	2.56	-84.0	3.25	1,670
	4/28/2021	16.27	6.45	2.15	-123.0	8.40	1,460
	8/21/2021	18.27	7.00	2.37	-104.0	2.20	1,820
	4/11/2022	Well Dry - Could Not Sample					
	8/9/2022	18.40	6.17	3.16	-166.0	0.00	2,020^
	4/28/2023	Insufficient Water to Collect Sample					
	8/25/2023	17.66	7.59	1.54	-151.4	1.14	1,010
MW-37	8/11/2020	29.61	6.58	0.05	185.3	0.19	57
	4/28/2021	16.72	6.66	3.08	-11.0	1.14	2,800
	8/21/2021	16.98	7.12	3.38	-49.0	3.88	3,090
	4/12/2022	13.39	7.27	4.10	19.0	6.55	3,320^
	8/4/2022	22.65	7.13	3.82	-59.0	0.00	3,620^
	4/28/2023	15.00	7.33	4.26	18.2	7.38	2,781
	8/24/2023	17.30	7.40	1.93	-113.10	2.73	NA
MW-38	8/11/2020	19.44	6.41	0.88	17.0	0.03	591
	4/28/2021	16.19	6.68	1.12	-6.0	0.25	755
	8/23/2021	20.88	7.64	1.35	-30.0	1.97	963
	4/12/2022	Insufficient Water to Collect Sample					
	8/9/2022	21.40	6.41	1.55	-131.0	0.00	909^
	4/28/2023	15.00	7.22	1.68	-47.8	4.33	1,092
	8/24/2023	17.30	7.39	2.02	-119.0	3.27	1,317

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RCRA Investigation Wells							
MW-50	8/16/2021	NS	NS	NS	NS	NS	NS
	8/3/2022	NS	NS	NS	NS	NS	NS
	8/11/2023	18.89	7.54	0.55	-95.3	0.02	360
MW-51	8/16/2021	19.39	7.64	0.53	70.0	0.51	372
	8/3/2022	19.75	6.82	0.66	142.0	0.00	428^
	8/11/2023	18.07	7.51	0.51	1.0	0.00	330
MW-53	8/7/2020	23.50	7.90	4.76	-23.1	10.60	3,204
	8/18/2021	23.32	6.74	4.80	122.0	1.81	3,560
	8/2/2022	19.07	6.81	5.04	142.0	0.00	3,560^
	8/17/2023	17.01	7.44	3.39	92.4	3.54	2,210
MW-54	8/8/2020	NS	NS	NS	NS	NS	NS
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Sheen Observed - Could Not Sample					
	8/10/2023	19.23	7.15	2.77	-232.8	0.02	1,800
MW-55	8/8/2020	NS	NS	NS	NS	NS	NS
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-56	8/10/2020	21.67	6.91	3.10	-152.0	6.21	2,016
	8/16/2021	21.29	7.82	2.39	-75.0	1.55	NS
	8/2/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-57	8/8/2020	NS	NS	NS	NS	NS	NS
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-58	8/8/2020	NS	NS	NS	NS	NS	NS
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Sheen Observed - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-59	8/12/2020	20.28	7.01	3.21	69.2	6.90	2,302
	8/24/2021	19.04	6.29	3.19	133.0	2.19	2,380
	8/2/2022	19.42	5.14	3.83	5.0	0.00	3,100^
	8/22/2023	20.60	6.97	4.70	121.1	0.01	3,053
MW-60	8/12/2020	NS	NS	NS	NS	NS	NS
	8/23/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Insufficient Water to Collect Sample					
	8/9/2023	Well Unable to be Located					
MW-61	8/11/2020	21.00	6.74	1.23	-156.2	13.89	865
	8/24/2021	20.12	6.65	3.11	-118.0	1.52	2,550
	8/2/2022	Well Could Not Be Accessed					
	8/9/2023	Well Abandoned					
MW-62	8/12/2020	25.56	6.90	6.19	235.0	1.67	4,025
	8/23/2021	19.41	6.90	6.70	107.0	2.53	5,920
	8/4/2022	20.06	6.85	6.22	50.0	0.00	6,010^
	8/24/2023	18.40	7.03	6.77	-5.3	0.98	4,398

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MW-63	8/11/2020	23.33	6.85	4.38	36.5	0.97	2,944
	8/24/2021	20.09	6.59	4.37	45.0	1.41	4,680
	8/2/2022	21.12	6.18	2.31	-90.0	0.21	NM
	8/22/2023	23.00	7.23	4.52	63.9	0.01	2,936
MW-64	8/12/2020	18.00	7.03	3.82	194.7	7.74	2,866
	8/24/2021	19.47	6.14	4.41	153.0	7.05	3,560
	8/2/2022	27.71	6.45	4.28	10.0	0.35	3,540^
	8/22/2023	19.80	7.41	4.79	181.0	2.07	3,115
MW-65	8/11/2020	20.39	7.35	2.37	-136.4	13.65	1,735
	8/16/2021	Well presumed to be destroyed					
	8/22/2023	19.60	7.12	3.06	-103.8	0.77	1,993
MW-66	8/11/2020	19.78	6.95	3.59	-342.8	0.44	2,594
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-67	8/10/2020	17.06	7.18	1.55	266.0	1.36	1,029
	8/20/2021	17.21	6.45	2.50	195.0	2.14	909
	8/4/2022	25.52	6.05	1.91	-63.0	0.00	1,200^
	8/17/2023	16.42	7.50	1.77	82.4	2.85	1,150
MW-68	8/10/2020	18.44	6.97	1.05	241.0	0.70	690
	8/19/2021	19.51	7.98	0.74	87.0	2.41	520
	8/3/2022	20.03	6.67	1.37	63.0	0.00	724^
	8/17/2023	17.64	7.14	1.96	37.8	2.90	1,260
MW-69	8/8/2020	NS	NS	NS	NS	NS	NS
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Well Dry - Could Not Sample					
	8/10/2023	Well Dry - Could Not Sample					
MW-70	8/12/2020	18.50	6.57	4.57	5.5	6.29	2,970
	8/18/2021	26.40	6.41	4.38	-22.7	9.23	4,340
	8/2/2022	25.03	6.03	4.99	-83.0	0.40	NS
	8/17/2023	Insufficient Water to Collect Sample					
MW-71	8/1/2022	FPP - Could Not Sample					
	8/17/2023	17.36	7.17	1.43	-132.7	0.00	930
MW-72	8/1/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-73	8/19/2021	18.25	5.63	1.75	-66.0	0.00	1,470
	8/1/2022	19.47	6.80	2.02	-148.0	0.00	1,500^
	8/9/2023	FPP - Could Not Sample					
MW-74	8/19/2021	19.88	5.95	2.39	-71.0	0.27	1,710
	8/1/2022	21.42	6.85	3.05	-186.0	0.00	NS
	8/17/2023	FPP - Could Not Sample					
MW-75	8/18/2021	24.42	6.26	2.25	-78.0	2.09	1,790
	8/1/2022	Sheen Observed - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					
MW-76	8/18/2021	20.19	6.10	1.50	-74.0	0.00	1,100
	8/1/2022	18.76	6.54	1.76	-127.0	0.00	1,070^
	8/24/2023	19.40	6.84	1.58	-119.6	0.00	1,027
MW-77	8/3/2022	FPP - Could Not Sample					
	8/9/2023	FPP - Could Not Sample					

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MW-78	8/3/2022	20.98	6.14	3.03	85.0	0.00	2,160^
	8/17/2023	Insufficient Water to Collect Sample					
North Boundary Barrier Wells							
CW 0+60	8/6/2020	21.50	6.78	1.64	-78.7	1.73	1,157
	4/27/2021	Sample Obtained But Insufficient Water to Collect Parameters					1,200
	8/19/2021	21.14	6.28	1.71	-115.0	1.20	1,480
	4/13/2022	11.40	6.39	1.94	-100.0	8.45	1,230^
	8/4/2022	19.74	5.55	1.68	-63.0	0.00	1,060^
	5/10/2023	Sample Obtained But Insufficient Water to Collect Parameters					
	8/9/2023	Not Sampled					
CW 25+95	8/6/2020	19.28	7.39	1.48	-263.9	1.60	1,079
	4/27/2021	Sample Obtained But Insufficient Water to Collect Parameters					670
	8/19/2021	21.19	7.05	1.26	-139.0	2.39	970
	4/13/2022	12.14	7.21	2.76	-80.0	1.11	2,010^
	8/3/2022	22.35	5.72	3.43	-62.0	0.00	2,850^
	4/27/2023	12.20	6.93	2.72	-6.7	7.35	1,767
	8/10/2023	Insufficient Water to Collect Readings					
OW 0+60	8/4/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Insufficient Water to Collect Sample					
	8/4/2022	20.61	5.85	1.69	7.0	0.00	1,140^
	4/24/2023	Insufficient Water to Collect Sample					
	8/9/2023	Insufficient Water to Collect Sample					
OW 1+50	8/4/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Insufficient Water to Collect Sample					
	8/4/2022	Insufficient Water to Collect Sample					
	8/9/2023	Insufficient Water to Collect Sample					
OW 3+85	8/6/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	NS	NS	NS	NS	NS	NS
	4/13/2022	Sheen Observed - Could Not Sample					
	8/4/2022	Sheen Observed - Could Not Sample					
	4/26/2023	12.90	7.25	3.12	-231.4	2.11	1,640
	8/10/2023	Insufficient Water to Collect Readings					
OW 5+50	8/4/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Well Dry - Could Not Sample					
	8/4/2022	Well Dry - Could Not Sample					
	4/24/2023	Insufficient Water to Collect Sample					
	8/9/2023	Insufficient Water to Collect Sample					
OW 6+70	8/4/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Insufficient Water to Collect Sample					
	8/4/2022	Well Dry - Could Not Sample					
	4/24/2023	Well Dry - Could Not Sample					
	8/9/2023	Well Dry - Could Not Sample					

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Location ID	Date	Temperature (°C)	pH	Electrical Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Total Dissolved Solids (mg/L)
OW 8+10	8/4/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Well Dry - Could Not Sample					
	8/4/2022	Well Dry - Could Not Sample					
	4/26/2023	14.57	7.38	2.43	97.0	5.47	1,590
	8/9/2023	Unable to Access - Well Locked					
OW 11+15	8/6/2020	NS	NS	NS	NS	NS	NS
	8/19/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Sheen Observed - Could Not Sample					
	8/4/2022	19.40	5.53	2.07	-83.0	0.00	NS
	4/26/2023	13.40	7.11	2.13	131.4	3.12	1,400
	8/24/2023	19.30	7.16	2.20	-145.3	0.16	1,438
OW 14+10	8/4/2020	NS	NS	NS	NS	NS	NS
	4/11/2022	Well Dry - Could Not Sample					
	8/4/2022	Well Dry - Could Not Sample					
	4/24/2023	Well Dry - Could Not Sample					
	8/9/2023	Well Dry - Could Not Sample					
OW 16+60	8/6/2020	20.00	6.99	4.33	-138.7	2.10	3,101
	4/27/2021	Sample Obtained But Insufficient Water to Collect Parameters					3,160
	8/19/2021	NS	NS	NS	NS	NS	NS
	4/13/2022	14.52	7.70	4.57	-76.0	9.82	NS
	8/4/2022	20.66	5.75	4.19	-119.0	0.00	4,000^
	4/26/2023	14.50	7.19	4.79	-239.8	5.72	2,450
	8/10/2023	Insufficient Water to Collect Readings					
OW 19+50	8/4/2020	NS	NS	NS	NS	NS	NS
	8/17/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Well Dry - Could Not Sample					
	8/4/2022	Well Dry - Could Not Sample					
	4/26/2023	Insufficient Water to Collect Sample					
	8/9/2023	Insufficient Water to Collect Sample					
OW 22+00	8/6/2020	20.06	7.18	2.89	4.8	2.76	2,060
	4/27/2021	Sample Obtained But Insufficient Water to Collect Parameters					1,300
	8/19/2021	NS	NS	NS	NS	NS	NS
	4/13/2022	12.25	7.73	1.18	-7.0	6.53	825^
	8/3/2022	22.57	8.13	2.47	-151.0	9.83	2,030^
	4/26/2023	12.70	7.81	1.03	97.9	4.42	650
	8/9/2023	Insufficient Water to Collect Sample					
OW 23+10	8/6/2020	22.44	7.64	1.60	-34.4	6.54	1,059
	8/19/2021	NS	NS	NS	NS	NS	NS
	4/13/2022	Insufficient Water to Collect Sample					
	8/3/2022	24.17	8.02	1.67	-253.0	10.49	NS
	4/26/2023	14.50	7.54	2.39	-62.1	1.18	1,040
	8/10/2023	Insufficient Water to Collect Readings					
OW 23+90	8/6/2020	19.33	7.57	1.14	37.9	6.54	832
	8/19/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Well Dry - Could Not Sample					
	8/4/2022	Well Dry - Could Not Sample					
	4/26/2023	Insufficient Water to Collect Sample					
	8/9/2023	Insufficient Water to Collect Sample					

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TABLE 2
FIELD PARAMETERS SUMMARY
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Location ID	Date	Temperature (°C)	pH	Electrical Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Total Dissolved Solids (mg/L)
OW 25+70	8/6/2020	20.83	7.45	1.37	-87.1	2.05	962
	4/27/2021	Sample Obtained But Insufficient Water to Collect Parameters					632
	8/19/2021	21.50	7.21	1.02	-107.0	2.81	755
	4/13/2022	13.20	7.08	1.85	-76.0	8.68	1,370^
	8/3/2022	21.82	8.60	2.51	-9.0	0.00	2,150^
	4/27/2023	13.30	6.87	2.24	12.1	9.86	1,450
	8/9/2023	Well Dry - Could Not Sample					
San Juan River Bluff (Seep, Outfall, and River Sample Locations)							
Outfall No. 2	8/3/2020	20.60	6.95	0.99	265.1	10.02	646
	4/27/2021	Sample Obtained But Insufficient Water to Collect Parameters					620
	8/4/2022	NS	NS	NS	NS	NS	NS
	8/9/2023	Outfall Dry - Not Sampled					
**Outfall No. 3	8/3/2020	21.00	6.84	0.77	272.1	7.07	500
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/4/2022	NS	NS	NS	NS	NS	NS
	8/9/2023	Outfall Dry - Not Sampled					
**Seep 1	2020	NS	NS	NS	NS	NS	NS
	2021	NS	NS	NS	NS	NS	NS
	2022	NS	NS	NS	NS	NS	NS
	8/24/2023	Seep Dry - Not Sampled					
**Seep 2	2020	NS	NS	NS	NS	NS	NS
	2021	NS	NS	NS	NS	NS	NS
	2022	NS	NS	NS	NS	NS	NS
	8/24/2023	Seep Dry - Not Sampled					
**Seep 3	2020	NS	NS	NS	NS	NS	NS
	2021	NS	NS	NS	NS	NS	NS
	2022	NS	NS	NS	NS	NS	NS
	8/24/2023	Seep Dry - Not Sampled					
**Seep 5	2020	NS	NS	NS	NS	NS	NS
	2021	NS	NS	NS	NS	NS	NS
	2022	NS	NS	NS	NS	NS	NS
	8/24/2023	Seep Dry - Not Sampled					
Jungle Seep	8/24/2023	16.23	7.07	1.43	-132.6	2.43	630
**Upstream	8/3/2020	19.90	7.60	0.29	308.0	0.71	190
	4/30/2021	11.79	6.56	0.24	112.0	11.24	NA
	8/25/2021	17.54	6.29	0.24	98.0	10.95	187
	4/14/2022	8.51	6.62	0.29	132.0	23.54	217^
	8/9/2022	30.47	7.67	0.54	6.0	10.21	440^
	4/28/2023	11.70	7.81	0.39	22.8	8.74	188
	8/9/2023	13.59	8.28	0.22	16.8	8.72	NA
**North of MW-45	8/3/2020	22.40	7.36	0.29	283.2	0.61	199
	4/27/2021	Sample Obtained But Insufficient Water to Collect Parameters					175
	8/25/2021	15.88	5.94	0.33	139.0	11.71	202
	4/14/2022	9.43	7.08	0.28	118.0	17.01	220^
	8/3/2022	20.46	6.03	0.36	81.0	1.79	252^
	4/28/2023	11.70	7.78	0.39	21.8	17.06	1,850
	8/9/2023	15.96	8.41	0.22	40.6	8.02	NA

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TABLE 2
FIELD PARAMETERS SUMMARY
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Location ID	Date	Temperature (°C)	pH	Electrical Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Total Dissolved Solids (mg/L)
**North of MW-46	8/3/2020	23.40	7.60	0.29	271.0	8.80	187
	4/29/2021	9.66	5.53	0.33	154.0	7.71	194
	8/21/2021	19.21	8.29	0.24	70.0	7.18	188
	4/14/2022	8.30	6.46	0.31	151.0	20.01	226^
	8/4/2022	25.94	6.93	0.33	75.0	14.33	242^
	4/28/2023	11.80	8.02	0.38	39.2	8.76	192
	8/9/2023	15.08	8.41	0.22	32.8	7.89	NA
**Downstream	8/3/2020	21.60	5.90	0.29	261.0	27.78	190
	4/29/2021	9.34	6.16	0.38	119.0	7.66	294
	8/21/2021	20.31	8.61	0.28	45.0	6.94	192
	4/14/2022	9.06	6.10	0.50	200.0	23.86	271^
	8/4/2022	25.52	6.93	0.39	13.0	12.08	240^
	4/28/2023	11.80	8.00	0.36	34.2	8.81	188
	8/9/2023	16.00	8.40	0.22	52.5	7.92	NA
Background Wells							
MW-3	8/10/2020	17.44	7.10	4.67	28.5	5.36	3,536
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Well Dry - Could Not Sample					
	8/9/2023	Well Dry - Could Not Sample					
**MW-5	8/8/2020	NS	NS	NS	NS	NS	NS
	8/16/2021	NS	NS	NS	NS	NS	NS
	8/2/2022	Well Dry - Could Not Sample					
	8/9/2023	Well Dry - Could Not Sample					
**MW-6	8/8/2020	NS	NS	NS	NS	NS	NS
	8/16/2021	NS	NS	NS	NS	NS	NS
	4/11/2022	Well Dry - Could Not Sample					
	8/2/2022	Well Dry - Could Not Sample					
	8/9/2023	Well Dry - Could Not Sample					
MW BCK1	2020	NS	NS	NS	NS	NS	NS
	2021	NS	NS	NS	NS	NS	NS
	2022	Not on Plan					
	11/8/2023	16.43	7.09	4.93	32.7	1.73	4,580
MW BCK2	2020	NS	NS	NS	NS	NS	NS
	2021	NS	NS	NS	NS	NS	NS
	2022	Not on Plan					
	11/8/2023	16.4	7.2	4.81	23.1	0.98	12,100

Notes:

°C = Degrees Celsius

ID = Identification

mg/L = Milligrams per Liter

mS/cm = Millisiemens per Centimeter

mV = Millivolt

NS = Not Sampled

NP = No Purge Parameters, Low Water Volume

* = Field Result was Confirmed with Field Notes

** = Discrete Sample Reading

^ = Result Obtained Through Laboratory Analysis

Not on Plan = Sample Not Required Per 2014 Facility-Wide Groundwater Monitoring Plan

FPP = Free Product Present

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TABLE 3A
TERMINAL WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					EPA RSL Tap Water THQ = 0.1						
Screening Levels		5	1,000	700	620	100	11.4	35.1	1.17	14,100	447	5.6	6.0	-	100	66	200	69
RW-1	8/7/2020	10	<0.40	<0.43	<1.1	6.5	—	—	--	—	—	—	--	—	—	--	--	—
	8/18/2021	240	<5.0	13	13	51	46	36	63	<50	5.8	20	<5.0	<5.0	<15	5.9	<5.0	<5.0
	8/1/2022	Sheen Observed - Could Not Sample																
	8/10/2023	<2.0	<2.0	<2.0	<3.0	7.0	<8.0	<8.0	<4.0	<20	11	<2.0	<2.0	<2.0	<6.0	5.3	3.5	2.4
MW-4	8/12/2020	22	<0.20	1.6	13	3.0	—	—	--	—	—	—	--	—	—	--	--	—
	8/16/2021	14	<1.0	3.3	15	<1.0	18	33	60	<10	22	12	5.2	<1.0	<3.0	23	4.0	1.1
	8/3/2022	7.7	<1.0	2.1	28	2.5	16	24	55	10	26	73	17	1.1	0.88	30	4.5	1.1
	8/9/2023	FPP - Could Not Sample																
MW-8	8/7/2020	—	—	—	--	—	—	—	--	—	—	--	--	—	—	--	—	—
	8/1/2022	Not on Plan																
	4/27/2023	< 1.0	< 1.0	<1.0	<1.5	<1.0	—	—	--	—	—	—	--	—	—	--	--	—
RW-9	8/2/2022	Sheen Observed - Could Not Sample																
	8/10/2023	2,100	6.2	150	220	820	41	23	95	<50	40	22	11	<5.0	<15	76	7.0	<5.0
RW-15	8/10/2020	330	3	530	62	32	—	—	--	—	—	—	--	—	—	--	--	—
	8/19/2021	390	1	180	10	24	62	70	240	<10	62	500	<1.0	<1.0	14	230	12	<1.0
	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
RW-18	8/1/2022	Well Could Not Be Accessed																
	8/9/2023	FPP - Could Not Sample																
MW-20	8/20/2020	—	—	—	--	—	—	—	--	—	—	--	--	—	—	--	—	—
	4/11/2022	Sheen Observed - Could Not Sample																
	8/1/2022	Sheen Observed - Could Not Sample																
	4/24/2023	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-21	8/10/2020	<0.23	<0.20	<0.21	<0.55	45.00	—	—	--	—	—	—	--	—	—	--	--	—
	8/20/2021	<5.0	<10	<10	<15	20.00	<40	<40	<20	<100	<10	<10	<10	<10	<30	<10	<10	<10
	8/1/2022	Sheen Observed - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
RW-23	8/12/2020	150	<2.0	180	31	120	—	—	--	—	—	—	--	—	—	--	--	—
	8/2/2022	Sheen Observed - Could Not Sample																
	8/10/2023	230	<5.0	54	<7.5	110	83	43	120	<50	96	17	<5.0	<5.0	23	260	17	<5.0
RW-28	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-29	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	--	—	—	—	--	—	—	--	—	—
	8/20/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/2/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	6.0 J	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/2/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	8.0 J	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/10/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
MW-30	8/10/2020	390	240	1,400	1,500	8.8	—	—	--	—	—	—	--	—	—	--	--	—
	4/11/2022	Sheen Observed - Could Not Sample																
	8/2/2022	Sheen Observed - Could Not Sample																
	4/27/2023	340	32	2,200	1,200	<20	—	--	—	—	--	--	—	—	--	—	—	—
	8/11/2023	450	90	1,600	1,200	<20	91	<80	140	<200	83	1,900	<20	<20	<60	360	21	<20
MW-31	8/12/2020	210	<0.40	36	4.4	<0.79	—	—	--	—	—	—	--	—	—	--	--	—
	8/24/2021	35	<1.0	5.3	<1.5	<1.0	<4.0	<4.0	2.7	<10	30	<1.0	<1.0	<1.0	<3.0	94	12	1.1
	8/2/2022	33	0.48	4.7	1.5 J	<1.0	6.6	3.3	5.5	11	12	0.31	<1.0	<1.0	1.3	34	6.2	0.61 J
	8/22/2023	39	<1.0	6.1	4.9	<1.0	<4.0	<4.0	3.2	<10	8	1.90	<1.0	<1.0	<1.0	10	4.3	<1.0

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TABLE 3A
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San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					EPA RSL Tap Water THQ = 0.1						
Screening Levels		5	1,000	700	620	100	11.4	35.1	1.17	14,100	447	5.6	6.0	-	100	66	200	69
MW-40	8/7/2020	<0.23	<0.20	**0.58**	<0.55	**9.4**	—	—	---	—	—	—	---	—	—	---	---	—
	8/18/2021	<1.0	<1.0	**1.1**	<1.5	**8.8**	**52**	**87**	**160**	<10	**82**	<1.0	<1.0	<1.0	<3.0	**90**	**9.3**	**1.8**
	8/1/2022	FPP - Could Not Sample																
	8/11/2023	<1.0	<1.0	<1.0	<3.0	**11**	**46**	**77**	**140**	<20	**66**	<2.0	<2.0	<2.0	<6.0	**66**	**7.1**	<2.0
RW-42	8/11/2020	**1,100**	**2.3**	**9.2**	<5.5	**14**	—	—	---	—	—	—	---	—	—	---	---	—
	8/1/2022	Pump Running in Well - Not Able to Sample																
	8/9/2023	FPP - Could Not Sample																
RW-43	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-44	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	---	—	—	—	---	—	—	---	—	—
	8/19/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<1.0	<1.0
	8/1/2022	<1.0	<1.0	<1.0	<1.5	**0.81 J**	<4.0	**0.80 J**	<2.0	**7.2 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<1.0	<1.0
	8/11/2023	**9.3**	**5.9**	**83**	**63**	**1.2**	<4.0	<4.0	**7.5**	<10	**3.4**	**55**	<1.0	<1.0	<3.0	**12**	<1.0	<1.0
MW-52	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	---	—	—	—	---	—	—	---	—	—
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	---	—	—	---	---	—
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	---	—	—	---	---	—
	8/18/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/2/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**9.1 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/27/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	---	—	—	---	---	—
	4/27/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	---	—	—	---	---	—
	8/17/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0

Notes:

= Analytical Results Exceed the Respective Screening Level

= Field Duplicate sample

Bold = Detected at Concentration Above Reporting Limit

Red = Laboratory Reporting Limit Exceeds Screening Level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

FPP = Free Product Present

Not on Plan = Sample Not Required Per 2014 Facility-Wide Groundwater Monitoring Plan

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TABLE 3B

TERMINAL WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS

Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
RW-1	8/7/2020	**5.6**	**1.1**	<0.60
	8/18/2021	**2.2**	**1.9**	---
	8/1/2022	Sheen Observed - Could Not Sample		
	8/10/2023	**23.0**	**1.4**	<5.0
MW-4	8/12/2020	**1.9**	**1.5**	<0.6
	8/16/2021	**1.3**	**1.7**	---
	8/3/2022	**2.2**	**1.0**	<0.080
	8/9/2023	FPP - Could Not Sample		
MW-8	8/7/2020	---	---	---
	8/1/2022	Not on Plan		
	4/27/2023	---	---	---
RW-9	8/1/2022	Sheen Observed - Could Not Sample		
	8/10/2023	**4.3**	**12**	<5.0
RW-15	8/10/2020	**2.3**	**3.6**	<0.6
	8/19/2021	**2.0**	**3.3**	---
	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
RW-18	8/1/2022	Well Could Not Be Accessed		
	8/9/2023	Well Could Not Be Accessed		
MW-20	8/20/2020	---	---	---
	4/11/2022	Sheen Observed - Could Not Sample		
	8/1/2022	Sheen Observed - Could Not Sample		
	4/24/2023	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-21	8/10/2020	**2.1**	**0.13**	<0.60
	8/20/2021	<1.0	<0.50	---
	8/1/2022	Sheen Observed - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
RW-23	8/12/2020	**1.6**	**1.5**	<0.60
	8/2/2022	Sheen Observed - Could Not Sample		
	8/10/2023	**7.9**	**5.6**	<5.0
RW-28	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		

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TABLE 3B

TERMINAL WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS

Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
MW-29	8/10/2020	<0.067	**0.014**	<0.60
	8/20/2021	<1.0	<0.50	---
	8/2/2022	**0.069**	<0.050	<0.080
	8/2/2022	**0.10**	<0.050	<0.080
	8/10/2023	<1.0	<0.50	<5.0
MW-30	8/10/2020	**4.3**	**12**	<0.60
	4/11/2022	Sheen Observed - Could Not Sample		
	8/2/2022	Sheen Observed - Could Not Sample		
	4/27/2023	---	---	---
	8/11/2023	**1.7**	**15**	<5.0
MW-31	8/12/2020	**0.42**	**1.2**	<0.60
	8/24/2021	<1.0	**0.91**	---
	8/2/2022	**1.5**	**0.36**	**0.94**
	8/22/2023	**0.40**	<1.0	<5.0
MW-40	8/7/2020	**4.2**	**0.74**	<0.60
	8/18/2021	**2.1**	**1.4**	---
	8/1/2022	FPP - Could Not Sample		
	8/11/2023	**22.0**	**2.0**	<5.0
RW-42	8/11/2020	**3.4**	**5.0**	<0.60
	8/1/2022	Pump running in well - Not able to sample		
	8/9/2023	FPP - Could Not Sample		
RW-43	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-44	8/10/2020	<0.067	**0.022**	<0.60
	8/19/2021	<1.0	<0.050	---
	8/1/2022	**0.072**	<0.050	<0.080
	8/11/2023	<1.0	**0.58**	<5.0

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TABLE 3B

TERMINAL WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS

Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
MW-52	8/10/2020	<0.067	**0.012**	<0.60
	4/28/2021	---	---	---
	4/28/2021	---	---	---
	8/18/2021	<1.0	<0.050	---
	4/13/2022	---	---	---
	8/2/2022	**0.098**	<0.050	**0.062**
	4/27/2023	---	---	---
	4/27/2023	---	---	---
	8/17/2023	<1.0	<0.050	<5.0

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

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WQCC = Water Quality Control Commission

FPP = Free Product Present

Not on Plan = Sample Not Required Per 2014 Facility-Wide Groundwater Monitoring Plan

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TABLE 3C
TERMINAL WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		**Anions - NMAC 20.6.2**				**Anions - NMAC 20.6.2**					
Screening Levels		**1.6**	**250**	**1.0**	**-**	**10**	**-**	**600**	**-**	**-**	**-**
RW-1	8/7/2020	<0.22	**270**	<0.061*	**3.0**	<0.061	<1.2	**250**	**950**	**1,069**	**1,069**
	8/18/2021	---	---	---	**---**	---	---	**---**	**---**	**---**	**---**
	8/1/2022	Sheen Observed - Could Not Sample									
	8/10/2023	<0.50	**320**	<1.0*	**3.5**	<1.0*	<2.5	**120**	---	**1,349**	**1,349**
MW-4	8/12/2020	<0.22	**320**	<0.070	**5.70**	**0**	<1.2	<1.2	**1,100**	**1,224**	**1,224**
	8/16/2021	---	---	---	---	---	---	---	---	---	---
	8/3/2022	<0.50	**280**	<0.50	**5.1**	<0.50	<2.5	**3**	**1,200**	**1,314**	**1,314**
	8/9/2023	FPP - Could Not Sample									
MW-8	8/7/2020	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Not on Plan									
	4/27/2023	---	---	---	---	---	---	---	---	---	---
RW-9	8/1/2022	Sheen Observed - Could Not Sample									
	8/10/2023	<0.50	**770**	<1.0*	**7.8**	<1.0*	<2.5	**3.6**	---	**1,296**	**1,296**
RW-15	8/10/2020	<0.22	**430**	<0.070	**5.2**	<0.1	<1.2	**18**	**1,100**	**1,187**	**1,187**
	8/19/2021	---	**---**	---	**---**	---	---	**---**	**---**	**---**	**---**
	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
RW-18	8/1/2022	Well Could Not Be Accessed									
	8/9/2023	FPP - Could Not Sample									
MW-20	8/20/2020	---	---	---	---	---	---	---	---	---	---
	4/11/2022	Sheen Observed - Could Not Sample									
	8/1/2022	Sheen Observed - Could Not Sample									
	4/24/2023	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
MW-21	8/10/2020	<0.22	**410**	<0.070	**4.4**	**0**	<1.2	**94**	**890**	**1,028**	**984**
	8/20/2021	---	**---**	---	**---**	**---**	---	**---**	**---**	**---**	**---**
	8/1/2022	Sheen Observed - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									

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TABLE 3C
TERMINAL WELLS ANALYTICAL SUMMARY - ANIONS
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Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2				Anions - NMAC 20.6.2					
Screening Levels		1.6	250	1.0	-	10	-	600	-	-	-
RW-23	8/12/2020	<0.22	260	<0.070	4.3	<0.10	<1.2	360	760	817	817
	8/2/2022	Sheen Observed - Could Not Sample									
	8/10/2023	<0.50	310	<1.0*	4.6	<1.0*	<2.5	50	---	1,147	1,147
RW-28	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
MW-29	8/10/2020	0.29	65	<0.070	0.65	7	<1.2	340	240	265	265
	8/20/2021	---	---	---	---	---	---	---	---	---	---
	8/2/2022	0.10	320	<0.10	2.2	27	<10	840	310	334	334
	8/2/2022	0.10	320	<0.10	2.2	28	<10	850	310	335	335
	8/10/2023	<0.50	370	<0.50	5.2	32	<2.5	1,100	---	521.4	521.4
MW-30	8/10/2020	<0.22	280	<0.070	4.6	1	<1.2	260	880	982	982
	4/11/2022	Sheen Observed - Could Not Sample									
	8/2/2022	Sheen Observed - Could Not Sample									
	4/27/2023	---	---	---	---	---	---	---	---	---	---
	8/11/2023	<0.50	220	<1.0*	4.0	<1.0*	<2.5	60	1,100	1,213	1,213
MW-31	8/12/2020	<0.22	120	<0.070	2.7	<0.10	<1.2	8	1,100	1,220	1,220
	8/24/2021	---	---	---	---	---	---	---	---	---	---
	8/2/2022	0.27 J	160	<0.50	3.2	<0.50	<2.5	120	970	1,127	1,127
	8/22/2023	<0.50	120	<0.50	2.7	<0.50	<2.5	98	1,000	1,149	1,149
MW-40	8/7/2020	<0.22	240	<0.061*	4.40	<0.061*	<1.2	<1.2	950	1,078	1,069
	8/18/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	FPP - Could Not Sample									
	8/11/2023	<0.50	260	<1.0*	4.9	<1.0*	<2.5	<2.5	1,100	1,189	1,189
RW-42	8/11/2020	0.38	160	<0.061*	3.7	<0.061*	<1.2	<1.2	1,100	1,172	1,172
	8/1/2022	Pump running in well - Not able to sample									
	8/9/2023	FPP - Could Not Sample									
RW-43	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									

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TABLE 3C
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Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2				Anions - NMAC 20.6.2					
Screening Levels		1.6	250	1.0	-	10	-	600	-	-	-
MW-44	8/10/2020	<0.22	50	<0.070	<0.25	<0.10	<5.0	3,100	340	372	372
	8/19/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	<0.50	55	---	<0.50	---	<2.5	2,700	340	357	357
	8/11/2023	<2.0	50	<1.0*	<0.10	<1.0*	<10	2,900	34	376.9	376.9
MW-52	8/10/2020	0.22	560	<0.70	1.70	24	<1.2	980	230	246	246
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/18/2021	---	---	---	---	---	---	---	---	---	---
	4/13/2022	---	---	---	---	---	---	---	---	---	---
	8/2/2022	0.19	560	<2.0	3.2	44	<10	1,400	120	118	118
	4/27/2023	---	---	---	---	---	---	---	---	---	---
	4/27/2023	---	---	---	---	---	---	---	---	---	---
	8/11/2023	<0.50	1,100	33*	2.8	33*	<2.5	1,300	140	142.3	142.3

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TABLE 3C
TERMINAL WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2				Anions - NMAC 20.6.2					
Screening Levels		1.6	250	1.0	-	10	-	600	-	-	-

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Adminstrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

FPP = Free Product Present

Not on Plan = Sample Not Required Per 2014 Facility-Wide Groundwater Monitoring Plan

* = Nitrate & Nitrite value is a combined result

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TABLE 3D
TERMINAL WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		**Total Metals - NMAC 20.6.2**							
Screening Levels		**0.01**	**2.0**	**0.005**	**0.05**	**0.015**	**0.05**	**0.05**	**0.002**
RW-1	8/7/2020	**0.0034**	**0.32**	<0.0009	**0.063**	**0.0043**	**0.00094**	**0.0019**	<0.00012
	8/18/2021	<0.0010	**1.8**	<0.0020	**0.0062**	**0.0021**	<0.0010	<0.0050	<0.00020
	8/1/2022	Sheen Observed - Could Not Sample							
	8/10/2023	**0.0019**	**1.3**	<0.0020	**0.018**	**0.0023**	**0.0013**	<0.0050	<0.00020
MW-4	8/12/2020	**0.0059**	**2.6**	<0.00090	<0.0014	**0.0005**	<0.0025	<0.0013	<0.00012
	8/16/2021	**0.022**	**2.2**	<0.00050	**0.041**	**0.0054**	<0.0010	<0.00050	<0.00020
	8/3/2022	**0.0054**	**2.3**	<0.0020	<0.0060	**0.00068**	**0.0006**	<0.0050	<0.00020
	8/9/2023	FPP - Could Not Sample							
MW-8	8/7/2020	---	---	---	---	---	---	---	---
	8/1/2022	Not on Plan							
	4/27/2023	---	---	---	---	---	---	---	---
RW-9	8/1/2022	Sheen Observed - Could Not Sample							
	8/10/2023	**0.012**	**3.1**	<0.0020	**0.047**	**0.011**	**0.0022**	<0.0050	<0.00020
RW-15	8/10/2020	**0.0014**	**0.82**	<0.0009	<0.0014	**0.00051**	<0.0025	**0.0023**	<0.00012
	8/19/2021	<0.010	**0.91**	<0.0020	<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
RW-18	8/1/2022	Well Could Not Be Accessed							
	8/9/2023	FPP - Could Not Sample							

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TABLE 3D
TERMINAL WELLS ANALYTICAL SUMMARY - TOTAL METALS
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Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
MW-20	8/20/2020	---	---	---	---	---	---	---	---
	4/11/2022	Sheen Observed - Could Not Sample							
	8/1/2022	Sheen Observed - Could Not Sample							
	4/24/2023	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-21	8/10/2020	**0.0016**	**0.49**	<0.0009	<0.0014	<0.00050	<0.0025	**0.0046**	<0.00012
	8/20/2021	<0.0010	**0.58**	<0.0020	<0.0060	<0.00050	<0.0010	<0.0050	<0.00020
	8/1/2022	Sheen Observed - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
RW-23	8/12/2020	**0.0069**	**0.38**	<0.0009	<0.0014	**0.0042**	<0.0025	<0.0013	<0.00012
	8/2/2022	Sheen Observed - Could Not Sample							
	8/10/2023	**0.0036**	**1.9**	<0.0020	<0.0060	**0.011**	**0.0018**	<0.0050	<0.00020
RW-28	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-29	8/10/2020	**0.00099**	**0.015**	<0.0009	<0.0014	<0.0005	**0.007**	**0.0025**	<0.00012
	8/20/2021	**0.0011**	**0.028**	<0.0020	<0.0060	<0.00050	**0.0025**	<0.0050	<0.00020
	8/2/2022	**0.0013**	**0.057**	<0.0020	<0.0060	<0.0025	**0.013**	<0.0050	**0.000092 J**
	8/2/2022	**0.0013**	**0.059**	<0.0020	<0.0060	<0.0025	**0.013**	<0.0050	<0.00020
	8/10/2023	**0.0036**	**0.27**	<0.0020	<0.0060	**0.0024**	**0.027**	**0.0061**	<0.00020
MW-30	8/10/2020	**0.0054**	**0.57**	<0.0009	**0.0014**	**0.0013**	<0.0025	**0.0039**	<0.00012
	4/11/2022	Sheen Observed - Could Not Sample							
	8/2/2022	Sheen Observed - Could Not Sample							
	4/27/2023	---	---	---	---	---	---	---	---
	8/11/2023	**0.0011**	**0.67**	<0.0020	**0.014**	**0.0014**	<0.0010	<0.0050	<0.00020

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TABLE 3D
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Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		**Total Metals - NMAC 20.6.2**							
Screening Levels		**0.01**	**2.0**	**0.005**	**0.05**	**0.015**	**0.05**	**0.05**	**0.002**
MW-31	8/12/2020	<0.0025	**0.48**	<0.00090	<0.0014	<0.00050	<0.0025	**0.0013**	<0.00012
	8/24/2021	<0.010	**0.55**	<0.0020	<0.0060	<0.0050	<0.010	<0.0050	<0.0020
	8/2/2022	**0.00091 J**	**0.58**	<0.0020	<0.0060	<0.0025	<0.0010	<0.0050	<0.00020
	8/22/2023	<0.0010	**0.39**	<0.0020	<0.0060	<0.0050	**0.0016**	<0.0050	<0.00020
MW-40	8/7/2020	**0.0031**	**2.2**	**0.0012**	<0.0014	**0.0036**	**0.0011**	<0.0013	<0.00012
	8/18/2021	**0.0026**	**2**	<0.0020	<0.0060	**0.0018**	<0.0010	<0.0050	<0.00020
	8/2/2022	FPP - Could Not Sample							
	8/11/2023	**0.0089**	**2.3**	<0.0020	**0.0082**	**0.0091**	**0.0023**	<0.0050	<0.00020
RW-42	8/11/2020	**0.004**	**2.6**	**0.00096**	<0.0014	**0.001**	<0.0025	<0.0013	<0.00012
	8/1/2022	Pump running in well - Not able to sample							
	8/9/2023	FPP - Could Not Sample							
RW-43	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-44	8/10/2020	**0.00078**	**0.0099**	<0.0009	<0.0014	<0.0025	<0.0050	**0.01**	<0.00012
	8/19/2021	<0.010	**0.015**	<0.0020	<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	8/1/2022	<0.0050	**0.016**	<0.0020	<0.0060	<0.0025	<0.0050	**0.0023 J**	<0.00020
MW-44	8/11/2023	<0.0010	**0.047**	<0.0020	**0.035**	<0.010	**0.0010**	**0.0097**	<0.00020

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TABLE 3D
TERMINAL WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		**Total Metals - NMAC 20.6.2**							
Screening Levels		**0.01**	**2.0**	**0.005**	**0.05**	**0.015**	**0.05**	**0.05**	**0.002**
MW-52	8/10/2020	**0.0017**	**0.013**	<0.00090	<0.0014	<0.00050	**0.066**	**0.0056**	<0.00012
	4/28/2021	---	---	---	---	---	---	---	---
	4/28/2021	---	---	---	---	---	---	---	---
	8/18/2021	<0.0050	**0.016**	<0.0020	<0.0060	<0.00050	**0.04**	<0.0050	<0.00020
	4/13/2022	---	---	---	---	---	---	---	---
	8/2/2022	**0.0011**	**0.018**	<0.0020	<0.0060	<0.0025	**0.056**	**0.0021 J**	**0.000093 J**
	4/27/2023	---	---	---	---	---	---	---	---
	4/27/2023	---	---	---	---	---	---	---	---
	8/17/2023	**<0.0050**	**0.027**	<0.0020	<0.0060	<0.0050	**0.11**	**0.013**	<0.00020

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TABLE 3D
TERMINAL WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		**Total Metals - NMAC 20.6.2**							
Screening Levels		**0.01**	**2.0**	**0.005**	**0.05**	**0.015**	**0.05**	**0.05**	**0.002**

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

FPP = Free Product Present

Not on Plan = Sample Not Required Per 2014 Facility-Wide Groundwater Monitoring Plan

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TABLE 3E
TERMINAL WELLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		0.01	2.0	0.005	-	0.05	1.0	1.0	0.015	-	0.2	-	0.05	0.05	-	0.03	10.0
RW-1	8/7/2020	**0.0025**	**0.22**	<0.0004	**150**	**0.032**	<0.0025	**4.5**	<0.0025	**67**	**1.9**	**5**	<0.0025	**0.0036**	**650**	<0.0025	**0.013**
	8/18/2021	**0.0034**	**1.7**	<0.0020	**140**	<0.0060	<0.0010	**14**	<0.00050	**41**	**4**	**5**	<0.0010	<0.0050	**370**	---	**0.01**
	8/1/2022	Sheen Observed - Could Not Sample															
	8/10/2023	<0.010	**0.71**	<0.0020	**130**	0.0083	<0.0010	**5.5**	<0.010	**71**	**1.4**	**5.0**	<0.010	<0.0050	**690**	<0.010	<0.020
MW-4	8/12/2020	**0.0049**	**2.5**	**0.00061**	**130**	<0.0012	<0.0025	**10**	<0.0025	**66**	**1**	**4.6**	<0.0025	<0.0016	**490**	<0.0025	**0.018**
	8/16/2021	**0.015**	**2**	<0.00050	**120**	<0.0060	**0.0012**	**4.5**	<0.00050	**51**	**1.4**	**6**	<0.0010	<0.0050	**590**	---	**0.02**
	8/3/2022	**0.0069**	**2.4**	<0.0020	**120**	<0.0060	<0.0010	**7**	**0.00039**	**64**	**1.4**	**4.6**	**0.0011**	**0.0018**	**550**	<0.00050	**0.0053**
	8/9/2023	FPP - Could Not Sample															
MW-8	8/7/2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Not on Plan															
	4/27/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RW-9	8/1/2022	Sheen Observed - Could Not Sample															
	8/10/2023	**0.010**	**2.8**	<0.0020	**280**	**0.014**	<0.010	**1.2**	**<0.010**	**110**	**3.6**	**4.7**	<0.010	**0.0054**	**650**	<0.010	<0.020
RW-15	8/10/2020	<0.0025	**0.92**	<0.00037	**130**	<0.0012	<0.0025	**4.7**	<0.0025	**49**	**2.8**	**3.6**	<0.0025	**0.0024**	**550**	<0.0025	**0.021**
	8/19/2021	<0.0010	**0.86**	<0.00020	**140**	<0.0060	**0.002**	**5.1**	<0.00050	**45**	**2.5**	**4.1**	<0.0010	<0.0050	**600**	---	**0.04**
	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
RW-18	8/1/2022	Well Could Not Be Accessed															
	8/9/2023	FPP - Could Not Sample															
MW-20	8/20/2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4/11/2022	Sheen Observed - Could Not Sample															
	8/1/2022	Sheen Observed - Could Not Sample															
	4/24/2023	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-21	8/10/2020	<0.0025	0.42	<0.00037	**180**	<0.0012	<0.0025	**0.091**	<0.0025	**57**	**1.7**	**3.9**	<0.0025	**0.0039**	**550**	<0.0025	**0.0093**
	8/20/2021	<0.0010	**0.58**	<0.0020	**140**	<0.00060	<0.0010	**0.39**	<0.00050	**40**	**1.4**	**3.1**	0.0017	<0.0050	**540**	---	<0.010
	8/1/2022	Sheen Observed - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
RW-23	8/12/2020	**0.0057**	**0.47**	**0.00047**	**170**	<0.0012	<0.0025	**11**	**0.0042**	**53**	**1.6**	**4.3**	<0.0025	**0.0025**	**380**	<0.0025	**0.047**
	8/2/2022	Sheen Observed - Could Not Sample															
	8/10/2023	<0.010	**1.6**	<0.0020	**190**	<0.0060	<0.010	**3.3**	<0.010	**71**	**4.9**	**4.3**	<0.010	<0.0050	**390**	<0.0010	<0.020
RW-28	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-29	8/10/2020	<0.0025	**0.014**	<0.00037	**99**	<0.0012	<0.0025	<0.0080	<0.0005	**24**	**0.0095**	**2.2**	**0.007**	**0.0027**	**180**	**0.0068**	**0.045**
	8/20/2021	<0.0010	**0.02**	<0.0020	**92**	<0.0060	<0.0010	<0.020	<0.00050	**20**	**1.1**	**1.9**	**0.0024**	<0.0050	**110**	---	<0.010
	8/2/2022	**0.00071 J**	**0.046**	<0.0020	**270**	<0.0060	<0.0050	<0.020	<0.0025	**53**	**0.76**	**3.2**	**0.01**	**0.005**	**320**	**0.0076**	**0.0047**
	8/2/2022	**0.0012**	**0.046**	<0.0020	**280**	<0.0060	**0.0012**	<0.020	<0.00050	**52**	**0.73**	**3.1**	**0.013**	**0.005**	**320**	**0.0084**	**0.0079**
	8/10/2023	<0.010	**0.061**	<0.0020	**390**	<0.0060	**<0.010**	<0.020	<0.010	**79**	**0.96**	**4.4**	**0.019**	**0.0083**	**570**	**0.021**	<0.020
MW-30	8/10/2020	**0.0034**	**0.59**	<0.00037	**210**	<0.0012	<0.0025	**0.82**	<0.0025	**54**	**3.4**	**3.2**	<0.0025	**0.0042**	**590**	**0.0049**	**0.018**
	4/11/2022	Sheen Observed - Could Not Sample															
	8/2/2022	Sheen Observed - Could Not Sample															
	4/27/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/11/2023	<0.010	**0.46**	<0.0020	**130**	<0.0060	<0.010	**0.057**	<0.010	**40**	**1.5**	**3.0**	<0.010	<0.0050	**570**	<0.010	<0.020

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TABLE 3E
TERMINAL WELLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		0.01	2.0	0.005	-	0.05	1.0	1.0	0.015	-	0.2	-	0.05	0.05	-	0.03	10.0
MW-31	8/12/2020	<0.0025	0.43	<0.00037	86	<0.0012	<0.0025	0.072	<0.00050	35	0.34	3.2	<0.0025	<0.0016	480	<0.0025	0.009
	8/24/2021	<0.020	0.52	<0.0020	82	<0.0060	<0.020	0.049	<0.010	28	0.37	3	<0.020	<0.0050	470	<0.010	<0.010
	8/2/2022	0.0013	0.53	<0.0020	89	<0.0060	<0.0010	0.015 J	<0.00050	34	0.34	3.1	0.00086 J	0.0019 J	520	0.00021 J	0.0053 J
	8/22/2023	<0.010	0.43	<0.0020	84	<0.0060	<0.010	0.037	<0.010	36	0.31	3.2	<0.010	<0.0050	530	<0.010	<0.020
MW-40	8/7/2020	<0.0025	2	<0.00037	120	<0.0012	0.0038	6.5	<0.0025	52	2.5	3.7	<0.0025	0.0023	550	<0.0025	0.027
	8/18/2021	0.0022	2	<0.0020	100	<0.0060	<0.0010	5.3	<0.00050	44	2.4	3.5	<0.0010	<0.0050	500	---	0.011
	8/2/2022	FPP - Could Not Sample															
	8/9/2023	<0.010	2.0	<0.0020	120	<0.0060	<0.010	5.0	<0.010	49	2.5	3.7	<0.010	<0.0050	550	<0.010	0.11
RW-42	8/11/2020	0.0036	2.6	<0.00037	93	<0.0012	<0.0025	11	<0.0025	65	1.7	3.6	<0.0025	<0.0016	400	<0.0025	0.017
	8/1/2022	Pump running in well - Not able to sample															
	8/9/2023	FPP - Could Not Sample															
RW-43	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-44	8/10/2020	<0.0025	0.0066	<0.00037	480	<0.0012	<0.0025	0.022	<0.0025	69	0.16	7	<0.0025	0.0074	870	<0.0025	0.028
	8/19/2021	<0.0010	0.011	<0.0020	470	<0.0060	<0.0010	0.19	<0.00050	73	2.3	8.3	<0.0010	<0.0050	960	---	<0.010
	8/1/2022	0.00092 J	0.0092	<0.0020	490	<0.0060	<0.0050	0.96	<0.0025	66	1.8	6.7	<0.0050	0.0083	950	0.00060 J	0.0053 J
	8/11/2023	<0.010	<0.020	<0.0020	470	<0.0060	<0.010	0.061	<0.010	67	0.61	7.1	<0.010	0.010	940	0.023	<0.00020
MW-52	8/10/2020	<0.0025	0.0098	<0.00037	230	<0.0012	0.0028	<0.008	<0.0025	54	0.12	4.1	0.065	0.004	540	0.01	0.023
	4/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/18/2021	0.0012	0.016	<0.0020	280	<0.0060	0.001	0.047	<0.00050	81	4.2	4.7	0.042	<0.0050	600	---	0.052
	4/13/2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/2/2022	0.00090 J	0.012	<0.0020	420	<0.0060	<0.0050	0.021	<0.0025	120	5	4.4	0.059	0.0067	710	0.0028	0.057
	4/27/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4/27/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/17/2023	<0.010	<0.020	<0.0020	470	<0.0060	<0.010	0.044	<0.010	120	0.49	5.1	0.11	0.014	830	<0.010	0.18

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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Not on Plan = Sample Not Required Per 2014 Facility-Wide Groundwater Monitoring Plan

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TABLE 4A
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					EPA RSL Tap Water THQ = 0.1					
Screening Levels		5	1,000	700	620	100	11	35	1	14,100	447	5.6	6.0	-	100	66	200
MW-1	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	---	---	---	---	---	---	---	---	---	---	---
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	---	---	---	---	---	---	---	---	---	---	---
	8/16/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	4/13/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/4/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	4.7 J	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	4/27/2023	<2.0	<2.0	<2.0	<3.0	<2.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/11/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
MW-13	8/10/2020	<0.23	<0.20	<0.21	<0.55	**0.56**	---	---	---	---	---	---	---	---	---	---	---
	4/28/2021	<1.0	<1.0	<1.0	<1.5	**1.8**	---	---	---	---	---	---	---	---	---	---	---
	8/23/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	4/13/2022	<1.0	<1.0	<1.0	<1.5	**1.2**	<4.0	<4.0	**0.51 J**	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/5/2022	<1.0	<1.0	<1.0	1.5	**1.3**	<4.0	<4.0	<2.0	**2.8 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	4/28/2023	<1.0	<1.0	<1.0	<1.5	<1.0	---	---	---	---	---	---	---	---	---	---	---
	4/28/2023	<1.0	<1.0	<1.0	<1.5	<1.0	---	---	---	---	---	---	---	---	---	---	---
	8/24/2023	<1.0	<1.0	<1.0	<1.5	**1.1**	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
MW-26	8/10/2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/17/2021	<1.0	<1.0	**2.0**	<1.5	<1.0	**16**	**24**	**110**	<10	**54**	<1.0	<1.0	<1.0	<3.0	**68**	**9.9**
	8/9/2022	**0.28 J**	<1.0	**0.60 J**	<1.5	<1.0	**23**	**27**	**87 P**	**5.4 J**	**42**	<1.0	<1.0	**0.43 J**	**1.7 J**	**46**	**7.4**
	8/24/2023	**2.0**	<5.0	<5.0	<7.5	<1.0	**11**	**21**	**160**	<10	**68**	<1.0	<1.0	<1.0	<3.0	**86**	**12**
MW-27	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	---	---	---	---	---	---	---	---	---	---	---
	8/23/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/9/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**12**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/24/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
MW-32	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	---	---	---	---	---	---	---	---	---	---	---
	8/23/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/23/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/9/2022	<1.0	<1.0	<1.0	<1.5	<1.0	**1.1 J**	**1.2 J**	**1.5 J**	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/24/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
MW-33	8/11/2020	<0.23	<0.20	<0.21	<0.55	<0.39	---	---	---	---	---	---	---	---	---	---	---
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	---	---	---	---	---	---	---	---	---	---	---
	8/23/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	4/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/4/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**5.1 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	4/28/2023	<1.0	<1.0	<1.0	<1.5	<1.0	---	---	---	---	---	---	---	---	---	---	---
	8/24/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0

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TABLE 4A
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					EPA RSL Tap Water THQ = 0.1					
Screening Levels		5	1,000	700	620	100	11	35	1	14,100	447	5.6	6.0	-	100	66	200

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

P = Sample pH not in range

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 4B
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
MW-1	8/10/2020	<0.067	0.010	<0.60
	4/28/2021	0.12	< 0.050	<0.60
	8/16/2021	<1.0	<0.050	---
	4/13/2022	0.098	<0.050	<0.080
	8/4/2022	0.036	<0.050	<0.080
	4/27/2023	<1.0	<0.10	<5.0
	8/11/2023	<1.0	<0.050	<5.0
MW-13	8/10/2020	0.10	<0.050	<0.60
	4/28/2021	---	---	---
	8/23/2021	<1.0	<0.050	---
	4/13/2022	---	---	---
	8/5/2022	0.21	<0.050	<0.080
	4/28/2023	---	---	---
	4/28/2023	---	---	---
	8/24/2023	<1.0	<0.050	<5.0
MW-26	8/10/2020	---	---	---
	8/17/2021	1.5	1.6	---
	8/9/2022	2.0	0.47 P	<0.080
	8/24/2023	2.1	1.50	<5.0
MW-27	8/10/2020	---	---	---
	8/23/2021	<1.0	<0.050	---
	8/9/2022	0.25	<0.050	0.15
	8/24/2023	<1.0	<0.050	<5.0
MW-32	8/10/2020	<0.067	<0.050	<0.60
	8/23/2021	<1.0	<0.050	---
	8/23/2021	<1.0	<0.050	---
	8/9/2022	0.048 J	<0.050	0.080 J
	8/24/2023	<1.0	<0.050	<5.0
MW-33	8/11/2020	<0.067	<0.050	<0.60
	4/28/2021	0.12	<0.050	<0.71
	8/23/2021	<1.0	<0.050	---
	4/12/2022	0.061	<0.050	<0.080
	8/4/2022	---	<0.050	---
	4/28/2023	<1.0	<0.050	<5.0
	8/24/2023	<1.0	<0.050	<5.0

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TABLE 4B
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

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TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 4C
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2									
Screening Levels		2	250	1	-	10	-	600	-	-	-
MW-1	8/10/2020	0.53	8.3	<0.070	<0.25	0.81	<1.2	85	250	266.5	266.5
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/16/2021	---	---	---	---	---	---	---	---	---	---
	4/13/2022	---	---	---	---	---	---	---	---	---	---
	8/4/2022	0.36	7.4	0.022 J	0.066 J	0.94	<0.50	80	340	372	372
	4/27/2023	---	---	---	---	---	---	---	---	---	---
	8/11/2023	<0.50	7.1	<1.0*	<0.50	<1.0*	<2.5 H	81	360	404.6	404.6
MW-13	8/10/2020	<0.22	150	<0.070	2	2.4	<1.2	940	850	910.4	910.4
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/23/2021	---	---	---	---	---	---	---	---	---	---
	4/13/2022	---	---	---	---	---	---	---	---	---	---
	8/5/2022	<0.50	160	---	2.1	---	<2.5	990	720	757.9	757.9
	4/28/2023	---	---	---	---	---	---	---	---	---	---
	4/28/2023	---	---	---	---	---	---	---	---	---	---
	8/24/2023	<0.10	100	0.12	1.3	1.3	<0.50	740	860	931.2	931.2
MW-26	8/10/2020	---	---	---	---	---	---	---	---	---	---
	8/17/2021	---	---	---	---	---	---	---	---	---	---
	8/9/2022	0.29 J	210	<0.50	3.6	<0.50	<2.5	<2.5	1,200	1,283	1,283
	8/24/2023	<0.50	210	<0.50	3.6	<0.50	<2.5	<2.5	1,200	1,299	1,299
MW-27	8/10/2020	---	---	---	---	---	---	---	---	---	---
	8/23/2021	---	---	---	---	---	---	---	---	---	---
	8/9/2022	0.33 J	1,300	<0.50	13	0.50 J	<2.5	2,500	230 H	249.8	249.8
	8/24/2023	<0.50	1,100	<0.50	12	<0.050	<10	2,500	310	337.1	337.1
MW-32	8/10/2020	0.24	810	16	4.4	16*	<1.2	1,500	160	179.5	179.5
	8/23/2021	---	---	---	---	---	---	---	---	---	---
	8/23/2021	---	---	---	---	---	---	---	---	---	---
	8/9/2022	0.37 J	760	<0.50	3.9	2.5	<2.5	1,900	140	156.1	156.1
	8/24/2023	<0.50	480	0.53	3.2	<0.50	<10	2,000	140	145.7	145.7

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TABLE 4C
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		**Anions - NMAC 20.6.2**									
Screening Levels		**2**	**250**	**1**	**-**	**10**	**-**	**600**	**-**	**-**	**-**
MW-33	8/11/2020	<0.22	**210**	**24**	**1.1**	**24**	<1.2	**2,100**	**120**	**128.4**	**128.4**
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/23/2021	---	---	---	---	---	---	---	---	---	---
	4/12/2022	---	---	---	---	---	---	---	---	---	---
	8/4/2022	**0.14**	**190**	<0.10	**1.0**	**24**	<10	**1,800**	**100 H**	**113.2**	**113.2**
	4/28/2023	---	---	---	---	---	---	---	---	---	---
	8/24/2023	<0.50	**190**	<0.50	**1.0**	**26**	<10	**2,100**	**120**	**131.4**	**131.4**

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

H = Analyzed out of hold time

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

* = Nitrate & Nitrite value is a combined result

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TABLE 4D
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
MW-1	8/10/2020	**0.0008**	**0.011**	---	<0.0014	<0.0005	**0.00088**	**0.0017**	<0.00012
	4/28/2021	---	---	---	---	---	---	---	---
	8/16/2021	<0.0010	**0.046**	---	<0.0060	<0.00050	<0.0010	<0.00050	<0.00020
	4/13/2022	---	---	---	---	---	---	---	---
	8/4/2022	**0.00052 J**	**0.054**	<0.0020	<0.0060	<0.00050	**0.00079 J**	**0.0027 J**	<0.00020
	4/27/2023	---	---	---	---	---	---	---	---
	8/11/2023	**0.010**	**0.29**	<0.0020	<0.0060	<0.0010	<0.0010	<0.0050	<0.00020
MW-13	8/10/2020	<0.0025	**0.011**	---	<0.0014	<0.00050	**0.0031**	**0.0024**	<0.00012
	4/28/2021	---	---	---	---	---	---	---	---
	8/23/2021	<0.010	**0.025**	---	<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	4/13/2022	---	---	---	---	---	---	---	---
	8/5/2022	**0.00062 J**	**0.026**	<0.0020	**0.076**	<0.00050	**0.0017**	<0.0050	<0.00020
	4/28/2023	---	---	---	---	---	---	---	---
	4/28/2023	---	---	---	---	---	---	---	---
	8/24/2023	**0.0011**	**0.023**	<0.0020	**0.045**	<0.0050	**0.0044**	**0.0057**	<0.00020
MW-26	8/10/2020	---	---	---	---	---	---	---	---
	8/17/2021	**0.0023**	**2.0**	---	<0.0060	<0.00050	<0.0010	<0.0050	<0.00020
	8/9/2022	**0.0019**	**2.1**	<0.0020	<0.0060	**0.00031 J**	<0.0010	<0.0050	<0.00020
	8/24/2023	**0.0054**	**2.1**	<0.0020	<0.0060	<0.0050	**0.0014**	<0.0050	<0.00020
MW-27	8/10/2020	---	---	---	---	---	---	---	---
	8/23/2021	<0.010	**0.055**	---	<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	8/9/2022	**0.00087 J**	**0.049**	<0.0020	<0.0060	**0.00012 J**	**0.0027**	**0.0088**	<0.00020
	8/24/2023	**0.0056**	**0.130**	**0.0092**	<0.0060	<0.010	**0.011**	**0.025**	<0.00020

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TABLE 4D
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
MW-32	8/10/2020	**0.0011**	**0.0095**	---	<0.0014	<0.0005	**0.010**	**0.0032**	<0.00012
	8/23/2021	<0.0050	**0.015**	---	<0.0060	<0.0025	**0.0076**	<0.0050	<0.00020
	8/23/2021	<0.010	**0.015**	---	<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	8/9/2022	**0.00085 J**	**0.016**	<0.0020	<0.0060	**0.000099 J**	**0.0040**	**0.0093**	<0.00020
	8/24/2023	**0.0017**	**0.031**	<0.0020	<0.0060	<0.0050	<0.0050	**0.014**	<0.00020
MW-33	8/11/2020	<0.0005	**0.0089**	---	<0.0014	<0.0025	**0.041**	**0.0038**	<0.00012
	4/28/2021	---	---	---	---	---	---	---	---
	8/23/2021	<0.0050	**0.013**	---	<0.0060	<0.0025	**0.030**	<0.0050	<0.00020
	4/12/2022	---	---	---	---	---	---	---	---
	8/4/2022	<0.0050	**0.014**	<0.0020	<0.0060	<0.0025	**0.024**	**0.0076**	<0.00020
	4/28/2023	---	---	---	---	---	---	---	---
	8/24/2023	**0.0010**	**0.020**	<0.0020	<0.0060	<0.0050	**0.029**	**0.011**	<0.00020

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

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TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

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TABLE 4E
CROSS-GRADIENT WELLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		**0.01**	**2.0**	**0.005**	**-**	**0.05**	**1.0**	**1.0**	**0.015**	**-**	**0.2**	**-**	**0.05**	**0.05**	**-**	**0.03**	**10.0**
MW-1	8/10/2020	<0.0025	**0.0098**	<0.00037	**75**	<0.0012	<0.0025	<0.0080	<0.0005	**18**	**0.0025**	**4.6**	<0.0025	**0.0019**	**52**	**0.00203**	**0.028**
	4/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/16/2021	<0.0010	**0.046**	<0.00050	**100**	<0.0060	<0.0010	**0.28**	<0.00050	**21**	**0.13**	**1.7**	<0.0010	<0.0050	**47**	---	<0.010
	4/13/2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/4/2022	**0.00061 J**	**0.052**	<0.0020	**110**	<0.0060	**0.00097 J**	**0.50**	<0.00050	**23**	**0.12**	**1.8**	**0.00047 J**	**0.0017 J**	**55**	**0.0031**	**0.0044**
	4/27/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/11/2023	<0.010	**0.27**	<0.0020	**120**	<0.0060	<0.0010	**0.27**	<0.010	**23**	**6.0**	**2.5**	<0.010	<0.0050	**46**	<0.010	<0.020
MW-13	8/10/2020	<0.0025	**0.019**	<0.00037	**250**	<0.0012	**0.0034**	**0.019**	<0.0025	**96**	**1.2**	**3.6**	**0.0026**	**0.0047**	**490**	**0.0051**	**0.025**
	4/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/23/2021	<0.010	**0.025**	<0.0020	**280**	<0.0060	<0.010	**0.40**	<0.0050	**85**	**1.6**	**4.2**	<0.010	<0.0050	**540**	---	<0.010
	8/5/2022	---	---	---	---	<0.0060	<0.0050	**0.40**	<0.0025	**54**	**0.75**	**3.9**	**0.0020 J**	**0.0044 J**	**590**	**0.0065**	**0.0060 J**
	4/28/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4/28/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/24/2023	<0.010	**0.025**	<0.0020	**190**	**0.021**	<0.010	<0.020	<0.010	**75**	**0.67**	**3.5**	<0.010	**0.0059**	**450**	<0.010	**0.036**
MW-26	8/10/2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/17/2021	---	---	---	---	<0.0060	<0.0010	**3.1**	<0.00050	**25**	**2.0**	**2.2**	<0.0010	<0.0050	**520**	---	<0.010
	4/29/2022	**0.0022**	**2.0**	<0.0020	**120**	---	---	---	---	---	---	---	---	---	---	---	---
	8/9/2022	**0.0023**	**2.0**	<0.0020	**130**	<0.0060	0.00060	**3.2**	**0.000079 J**	**40**	**2.1**	**3.5**	<0.0010	**0.0024 J**	**600**	**0.000080 J**	**0.0063 J**
	8/24/2023	<0.010	**2.3**	<0.0020	**130**	<0.0060	<0.010	**3.5**	<0.010	**44**	**2.3**	**4.0**	<0.010	<0.0050	**540**	<0.010	**0.022**
MW-27	8/10/2020	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/23/2021	<0.010	**0.060**	<0.0020	**760**	<0.0060	<0.010	<0.020	<0.0050	**140**	**0.0071**	**3.1**	<0.010	<0.0050	**1,200**	---	**0.025**
	8/9/2022	**0.0017**	**0.046**	<0.0020	**820**	<0.0060	**0.0047**	**0.16**	**0.000070 J**	**140**	**0.026**	**4.4**	**0.0036**	**0.018**	**1,200**	**0.061**	**0.0069 J**
	8/24/2023	<0.010	**0.042**	<0.0020	**810**	<0.0060	<0.010	**0.077**	<0.010	**130**	**0.78**	**4.8**	<0.010	**0.022**	**1,000**	**0.022**	<0.020
MW-32	8/10/2020	<0.0025	**0.01**	<0.00037	**330**	<0.0012	<0.0025	<0.0080	<0.0025	**50**	**0.00031**	**3.8**	**0.010**	**0.0035**	**890**	**0.012**	**0.017**
	8/23/2021	<0.0050	**0.015**	<0.0020	**330**	<0.0060	<0.0050	<0.020	<0.0025	**51**	<0.0020	**4.1**	**0.0058**	<0.0050	**810**	---	<0.010
	8/23/2021	<0.0050	**0.016**	<0.0020	**330**	<0.0060	<0.0050	<0.020	<0.0025	**51**	<0.0020	**4.1**	**0.0088**	<0.0050	**850**	---	<0.010
	8/9/2022	**0.00089 J**	**0.015**	<0.0020	**390**	<0.0060	**0.00053 J**	<0.020	<0.00050	**55**	<0.0020	**3.9**	**0.0029**	**0.0091**	**1,000**	**0.011**	**0.0042 J**
	8/24/2023	<0.010	<0.020	<0.0020	**370**	<0.0060	<0.010	<0.020	<0.010	**59**	**0.043**	**4.8**	<0.010	**0.011**	**850**	<0.050	**0.036**
MW-33	8/11/2020	<0.0025	**0.0090**	**0.00046**	**390**	<0.0012	<0.0025	<0.0080	<0.0025	**57**	**0.00066**	**5.2**	**0.041**	**0.0040**	**740**	**0.010**	**0.049**
	4/28/2021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/23/2021	<0.010	**0.0140**	<0.0020	**360**	<0.0060	<0.010	<0.020	<0.0050	**54**	<0.0020	**5.4**	**0.032**	<0.0050	**720**	---	<0.010
	4/12/2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/4/2022	<0.0050	**0.014**	<0.0020	**350**	<0.0060	<0.0050	<0.020	<0.0050	**47**	<0.0020	**4.8**	**0.030**	**0.0065**	**720**	**0.0076**	**0.0084 J**
	4/28/2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	8/24/2023	<0.010	<0.020	<0.0020	**330**	<0.0060	<0.010	<0.020	<0.010	**48**	<0.0020	**5.1**	**0.025**	**0.010**	**680**	<0.010	**0.061**

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

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NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 5A
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		**NMAC 20.6.2**					**NMED Soil Screening Guidance Table A-1 (Tap Water)**					**EPA RSL Tap Water THQ = 0.1**						
Screening Levels		**5**	**1,000**	**700**	**620**	**100**	**11.4**	**35.1**	**1.17**	**14,100**	**447**	**5.6**	**60**	**-**	**100**	**66**	**200**	**69**
MW-11	8/7/2020	**2.5**	<0.40	<0.43	<1.1	<0.79	<7.0	<7.0	<7.9	—	—	—	—	—	—	—	—	—
	8/17/2021	—	—	—	---	—	—	—	---	—	—	---	—	—	—	---	—	—
	8/1/2022	Could Not Sample - Wasp Nest In Well																
	8/25/2023	**3.2**	< 1.0	<1.0	< 1.5	< 1.0	**8.3**	**15**	**48**	< 10	**53**	<1.0	<1.0	<1.0	<3.0	**51**	**8.6**	**1.7**
MW-12	8/7/2020	<0.23	<0.20	<0.21	<0.55	<0.39	<2.5	<2.5	<2.9	—	—	—	—	—	—	—	—	—
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	8/17/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/4/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**6.3 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/28/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	8/9/2023	Well Dry - Could Not Sample																
MW-34	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	---	—	—	—	—	—	—	---	—	—
	8/17/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/17/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/9/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/9/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/9/2023	Well Dry - Could Not Sample																
MW-35	8/11/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	---	—	—	—	—	—	—	---	—	—
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	8/21/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/11/2022	Well Dry - Could Not Sample																
	8/9/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**11**	<1.0	<1.0		<1.0	<3.0	<1.0	<1.0	**0.73 J**
	4/25/2023	Insufficient Water to Collect Sample																
	8/25/2023	<5.0	<5.0	<5.0	<7.5	<5.0	<20	<20	<10	<50	<5.0	<5.0	<5.0	<5.0	<15	<5.0	<5.0	<5.0
MW-37	8/11/2020	—	—	—	---	—	—	—	---	—	—	---	—	—	—	---	—	—
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	8/21/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/12/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/4/2022	<1.0	<1.0	<1.0	**0.16 J**	<1.0	<4.0	<4.0	<2.0	**5.3 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/28/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	4/28/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	8/24/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/24/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
MW-38	8/11/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	---	—	—	—	—	—	—	---	—	—
	4/28/2021	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	8/23/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/11/2022	Insufficient Water to Collect Sample																
	8/9/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**6.4 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	4/28/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	---	---	—	—	---	—	—	—	---	---	—
	8/24/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

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NA = Not applicable/No screening level for specific analyte

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TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 5B
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
MW-11	8/7/2020	**1.9**	**0.85**	<0.60
	8/17/2021	---	---	---
	8/1/2022	Could Not Sample - Wasp Nest In Well		
	8/25/2023	<1.0	**0.83**	<5.0
MW-12	8/7/2020	<0.067	**0.010**	<0.60
	4/28/2021	**0.090**	<0.050	<0.60
	8/17/2021	<1.0	<0.050	---
	4/12/2022	<0.064	<0.050	<0.080
	8/4/2022	<0.064	<0.050	<0.080
	4/28/2023	<1.0	<0.050	<5.0
	8/9/2023	Well Dry - Could Not Sample		
MW-34	8/10/2020	**0.50**	**0.34**	<0.60
	8/17/2021	<1.0	**0.26**	---
	8/17/2021	<1.0	**0.26**	---
	8/9/2022	**0.37**	**0.17**	<0.080
	8/9/2022	**0.28**	**0.15**	<0.080
	8/9/2023	Well Dry - Could Not Sample		
MW-35	8/11/2020	**0.95**	<0.050	<0.60
	4/28/2021	---	---	---
	8/21/2021	<1.0	**0.24**	---
	4/11/2022	Well Dry - Could Not Sample		
	8/9/2022	**0.30**	**0.20**	<0.080
	4/25/2023	Insufficient Water to Collect Sample		
	8/25/2023	<1.0	<0.25	<5.0
MW-37	8/11/2020	---	---	---
	4/28/2021	**0.13**	<0.050	<0.62
	8/21/2021	<1.0	<0.050	---
	4/12/2022	**0.13**	<0.050	<0.080
	8/4/2022	**0.073**	<0.050	<0.080
	4/28/2023	<1.0	<0.050	<5.0
	4/28/2023	<1.0	<0.050	<5.0
	8/24/2023	<1.0	<0.050	<5.0
	8/24/2023	<1.0	<0.050	<5.0

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TABLE 5B
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
MW-38	8/11/2020	---	<0.050	---
	4/28/2021	<0.085	<0.050	<0.60
	8/23/2021	<1.0	<0.050	---
	4/11/2022	Insufficient Water to Collect Sample		
	8/9/2022	**0.19**	**0.012 J**	<0.080
	4/28/2023	<1.0	<0.050	<5.0
	8/24/2023	<1.0	<0.050	<5.0

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

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WQCC = Water Quality Control Commission

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Received by OCD: 5/20/2024 6:38:28 AM

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TABLE 5C
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - SEMI-VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	1-Methyl-naphthalene (µg/L)	2,4-Dimethyl-phenol (µg/L)	2-Methyl-naphthalene (µg/L)	3+4-Methylphenol (µg/L)	4,6-Dinitro-2-methylphenol (µg/L)	Benzoic Acid (µg/L)	Bis(2-ethylhexyl)-phthalate (µg/L)	Butyl benzyl phthalate (µg/L)	Di-n-octyl phthalate (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	Pyridine (µg/L)
Screening Source		SVOCs - EPA RSL Tap Water THQ = 0.1												
Screening Levels		**11.4**	**36**	**35.1**	**93**	**0.15**	**7,500**	**5.6**	**16**	**-**	**29**	**1.17**	**580**	**2**
MW-11	8/7/2020	<7.0	<14	<7.0	<12	<6.6	<26	<19	<9.7	<43	<8.3	<7.9	<8.9	<13
	8/17/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/1/2022	Could Not Sample - Wasp Nest in Well												
	8/25/2023	**6.5**	<10	**9.8**	<10	<10	<20	<10	<10	<10	<5.0	**36**	<10	<40
MW-12	8/7/2020	<2.5	<4.9	<2.5	<4.2	<2.4	<9.3	<6.9	<3.5	<16	<3.0	<2.9	<3.2	<4.7
	4/28/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/17/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/12/2022	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/4/2022	<4.3	<5.8	<4.2	<5.1	<6.8	<18	<8.4	<8.3	<12	<6.5	<3.2	<18	<14
	4/28/2023	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/9/2023	Well Dry - Could Not Sample												
MW-34	8/10/2020	–	–	–	–	--	–	–	–	–	–	–	–	–
	8/17/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/17/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/9/2022	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/9/2022	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/9/2023	Well Dry - Could Not Sample												
MW-35	8/11/2020	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/28/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/21/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/11/2022	Well Dry - Could Not Sample												
	8/9/2022	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/25/2023	Insufficient Water to Collect Sample												
	8/25/2023	–	–	–	–	--	–	–	–	–	--	–	–	–
MW-37	8/11/2020	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/28/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/21/2021	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/12/2022	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/4/2022	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/28/2023	–	–	–	–	--	–	–	–	–	--	–	–	–
	4/28/2023	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/24/2023	–	–	–	–	--	–	–	–	–	--	–	–	–
	8/24/2023	–	–	–	–	--	–	–	–	–	--	–	–	–

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TABLE 5C
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - SEMI-VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	1-Methyl-naphthalene (µg/L)	2,4-Dimethyl-phenol (µg/L)	2-Methyl-naphthalene (µg/L)	3+4-Methylphenol (µg/L)	4,6-Dinitro-2-methylphenol (µg/L)	Benzoic Acid (µg/L)	Bis(2-ethylhexyl)-phthalate (µg/L)	Butyl benzyl phthalate (µg/L)	Di-n-octyl phthalate (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	Pyridine (µg/L)
Screening Source		**SVOCs - EPA RSL Tap Water THQ = 0.1**												
Screening Levels		**11.4**	**36**	**35.1**	**93**	**0.15**	**7,500**	**5.6**	**16**	**-**	**29**	**1.17**	**580**	**2**
MW-38	8/11/2020	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/28/2021	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/23/2021	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2022	Insufficient Water to Collect Sample												
	8/9/2022	<4.3	<5.8	<4.2	<5.1	<6.8	<18	<8.4	<8.3	<12	<6.5	<3.2	<18	<14
	4/28/2023	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/24/2023	<5.0	<10	<5.0	<10	<10	<20	<10	<10	<10	<5.0	<5.0	<10	<40

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

FPP = Free Product Present

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TABLE 5D
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		**Anions - NMAC 20.6.2**									
Screening Levels		**1.6**	**250**	**1.0**	**-**	**10**	**-**	**600**	**-**	**-**	**-**
MW-11	8/7/2020	**0.38**	**250**	**0.11***	**3.90**	**0.11**	<1.2	**21**	**980**	**1,104**	**1,104**
	8/17/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Could Not Sample - Wasp Nest In Well									
	8/25/2023	<0.50	**240**	<1.0*	**3.7**	<1.0*	<2.5 H	**11**	**1,200**	**1,256**	**1,256**
MW-12	8/7/2020	**0.31**	**3.3**	**1.0***	<0.25	**1.0**	<1.2	**47**	**130**	**143.4**	**143.4**
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/17/2021	---	---	---	---	---	---	---	---	---	---
	4/12/2022	---	---	---	---	---	---	---	---	---	---
	8/4/2022	**0.38**	**3.4**	<0.10	<0.10	<0.10	<0.50	**58**	**130 H**	**144.9**	**144.9**
	4/28/2023	---	---	---	---	---	---	---	---	---	---
	8/9/2023	Well Dry - Could Not Sample									
MW-34	8/10/2020	<0.22	**220**	<0.70	**2.90**	**0.13**	<1.2	**760**	**700**	**774.2**	**774.2**
	8/17/2021	---	---	---	---	---	---	---	---	---	---
	8/17/2021	---	---	---	---	---	---	---	---	---	---
	8/9/2022	**0.56**	**240**	<0.50	**3.4**	<0.50	<2.5	**650**	**760**	**821.3**	**821.3**
	8/9/2022	**0.57**	**240**	<0.50	**3.4**	<0.50	<2.5	**640**	**760**	**831.1**	**831.1**
	8/9/2023	Well Dry - Could Not Sample									
MW-35	8/11/2020	**0.6**	**330**	<0.061*	**4.40**	<0.061*	<1.2	**30**	**1,100**	**1,162**	**1,162**
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/21/2021	---	---	---	---	---	---	---	---	---	---
	4/11/2022	Well Dry - Could Not Sample									
	8/9/2022	**0.78**	**260**	<0.50	**3.6**	<0.50	<2.5	**460**	**790 H**	**847.8**	**847.8**
	4/25/2023	Insufficient Water to Collect Sample									
	8/25/2023	**0.70**	**320**	<1.0*	**4.3**	<1.0*	<2.5 H	**330**	**890 H**	**981.0**	**981.0**

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TABLE 5D
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		**Anions - NMAC 20.6.2**									
Screening Levels		**1.6**	**250**	**1.0**	**-**	**10**	**-**	**600**	**-**	**-**	**-**
MW-37	8/11/2020	---	---	---	---	---	---	---	---	---	---
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/21/2021	---	---	---	---	---	---	---	---	---	---
	4/12/2022	Well Dry - Could Not Sample									
	8/4/2022	**0.28**	**270**	<0.10	**3.8**	**0.072 J**	<10	**2,100**	**300 H**	**331.0**	**331.0**
	4/28/2023	---	---	---	---	---	---	---	---	---	---
	4/28/2023	---	---	---	---	---	---	---	---	---	---
	8/24/2023	<0.50	**330**	<0.50	**5.5**	<0.50	<10	**2,200**	**290 H**	**327.5**	**327.5**
	8/24/2023	<0.50	**330**	<0.50	**5.6**	<0.50	<10	**2,200**	**310 H**	**347.1**	**347.1**
MW-38	8/11/2020	---	---	---	---	---	---	---	---	---	---
	4/28/2021	---	---	---	---	---	---	---	---	---	---
	8/23/2021	---	---	---	---	---	---	---	---	---	---
	4/11/2022	Insufficient Water to Collect Sample									
	8/9/2022	**0.55**	**130**	<0.50	**2.0**	<0.50	<2.5	**4.0**	**570 H**	**618.6**	**618.6**
	4/28/2023	---	---	---	---	---	---	---	---	---	---
	8/24/2023	**0.60**	**190**	<0.50	**2.8**	<0.50	<2.5	**21**	**610 H**	**669.0**	**669.0**

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

H = Analyzed out of hold time

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

* = Nitrate & Nitrite value is a combined result

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TABLE 5E
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
MW-11	8/7/2020	**0.0019**	**0.70**	<0.0009	<0.0014	**0.0011**	**0.0011**	**0.0019**	<0.00012
	8/17/2021	—	—	—	—	—	—	—	—
	8/1/2022	Could Not Sample - Wasp Nest In Well							
	8/25/2023	**0.023**	**0.90**	<0.0020	<0.0060	**0.0065**	<0.0010	<0.0050	<0.00020
MW-12	8/7/2020	**0.0012**	**0.043**	<0.0009	**0.027**	<0.0005	<0.0005	<0.0013	<0.00012
	4/28/2021	—	—	—	—	—	—	—	—
	8/17/2021	**0.0011**	**0.040**	<0.00050	<0.0060	<0.00050	<0.0010	<0.00050	<0.00020
	4/12/2022	—	—	—	—	—	—	—	—
	8/4/2022	**0.0010**	**0.056**	<0.0020	**0.060**	**0.00039 J**	<0.0010	<0.0050	<0.00020
	4/28/2023	—	—	—	—	—	—	—	—
	8/9/2023	Well Dry - Could Not Sample							
MW-34	8/10/2020	**0.00072**	**0.047**	<0.0009	<0.0014	<0.00050	<0.0025	**0.0040**	<0.00012
	8/17/2021	**0.0022**	**0.079**	<0.0020	<0.0060	**0.00074**	<0.0010	<0.0050	<0.00020
	8/17/2021	**0.0022**	**0.082**	<0.0020	<0.0060	**0.00073**	<0.0010	<0.0050	<0.00020
	8/9/2022	**0.0017**	**0.051**	<0.0020	<0.0060	**0.00042 J**	<0.0010	<0.0050	<0.00020
	8/9/2022	**0.0017**	**0.046**	<0.0020	<0.0060	**0.00028 J**	<0.0010	<0.0050	<0.00020
	8/9/2023	Well Dry - Could Not Sample							
MW-35	8/11/2020	**0.0043**	**0.52**	<0.00090	<0.0014	**0.00054**	<0.0025	**0.0018**	<0.00012
	4/28/2021	—	—	—	—	—	—	—	—
	8/21/2021	**0.015**	**0.69**	<0.0020	<0.0060	<0.0050	<0.0050	<0.0050	<0.00020
	4/11/2022	Well Dry - Could Not Sample							
	8/9/2022	**0.0043**	**0.20**	<0.0020	<0.0060	**0.00060**	<0.0010	<0.0050	<0.00020
	4/25/2023	Insufficient Water to Collect Sample							
	8/25/2023	**0.066**	**1.5**	<0.0020	**0.019**	**0.036**	**0.0095**	<0.0050	<0.00020
MW-37	8/11/2020	—	—	—	—	—	—	—	—
	4/28/2021	—	—	—	—	—	—	—	—
	8/21/2021	<0.010	**0.035**	<0.0020	<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	4/12/2022	—	—	—	—	—	—	—	—
	8/4/2022	<0.0050	**0.041**	<0.0020	<0.0060	<0.0025	<0.0050	<0.0050	<0.00020
	4/28/2023	—	—	—	—	—	—	—	—
	4/28/2023	—	—	—	—	—	—	—	—
	8/24/2023	**0.0022**	**0.24**	<0.0020	<0.0060	**0.0051**	**0.0067**	**0.013**	<0.00020
	8/24/2023	**0.0020**	**0.23**	<0.0020	<0.0060	<0.0050	**0.0054**	**0.013**	<0.00020
MW-38	8/11/2020	—	—	—	—	—	—	—	—
	4/28/2021	—	—	—	—	—	—	—	—
	8/23/2021	<0.0050	**0.41**	<0.0020	<0.0060	<0.0025	<0.0010	<0.0050	<0.00020
	4/11/2022	Insufficient Water to Collect Sample							
	8/9/2022	**0.0014**	**0.50**	<0.0020	<0.0060	**0.00018 J**	<0.0010	<0.0050	<0.00020
	4/28/2023	—	—	—	—	—	—	—	—
	8/24/2023	**0.0029**	**0.48**	<0.0020	**0.012**	**0.010**	**0.0047**	<0.0050	<0.00020

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

—- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

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WQCC = Water Quality Control Commission

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TABLE 5F
DOWNGRADIENT WELLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		0.01	2.0	0.005	-	0.05	1.0	1.0	0.015	-	0.2	-	0.05	0.05	-	0.03	10.0
MW-11	8/7/2020	<0.0025	0.73	<0.00037	140	<0.0012	0.0056	7.6	<0.0025	33	2.0	2.0	<0.0025	0.0028	590	<0.0025	0.056
	8/17/2021	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/1/2022	Could Not Sample - Wasp Nest In Well															
	8/25/2023	0.020	0.93	<0.0020	140	<0.0060	<0.010	6.5	<0.010	32	2.1	2.1	<0.010	<0.0050	550	<0.010	0.18
MW-12	8/7/2020	<0.0025	0.044	<0.00037	49	0.0032	<0.0025	0.0098	<0.0005	6.6	0.018	0.47	<0.0025	<0.0016	24	<0.0005	0.16
	4/28/2021	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/17/2021	<0.0010	0.041	—	44	<0.0060	<0.0010	<0.020	<0.00050	6.1	0.020	<1.0	<0.0010	<0.0050	25	—	<0.010
	4/12/2022	—	—	--	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/4/2022	0.00073 J	0.051	< 0.0020	50	0.0065	0.00044 J	0.017 J	<0.00050	7.1	0.0082	0.42 J	<0.0010	<0.0050	25	0.00044 J	0.0093 J
	4/28/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/9/2023	Well Dry - Could Not Sample															
MW-34	8/10/2020	<0.0025	0.049	<0.00037	190	<0.0012	<0.0025	2.5	<0.0025	36	3.7	2.2	<0.0025	0.0040	530	<0.0025	0.027
	8/17/2021	0.0018	0.072	<0.0020	130	<0.0060	<0.0010	2.4	<0.00050	22	3.2	1.4	<0.0010	<0.0050	520	—	<0.010
	8/17/2021	0.0019	0.075	<0.0020	130	<0.0060	<0.0010	2.6	<0.00050	24	3.3	1.6	<0.0010	<0.0050	530	—	<0.010
	8/9/2022	0.0020	0.048	<0.0020	160	<0.0060	<0.0010	3.6	<0.00050	28	5.3	1.3	0.00058 J	0.0030 J	640	0.0017	0.0061 J
	8/9/2022	0.0018	0.044	<0.0020	160	<0.0060	0.00039 J	2.7	0.000069 J	27	5.1	1.2	0.00061 J	0.0032 J	660	0.0018	0.0041 J
	8/9/2023	Well Dry - Could Not Sample															
MW-35	8/11/2020	0.0075	0.49	0.00053	160	<0.0012	<0.0025	1.8	<0.0025	31	2.1	3.4	<0.0025	0.0019	520	<0.0025	0.039
	4/28/2021	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/21/2021	0.012	0.76	<0.0020	130	<0.0060	<0.0050	3.4	<0.0025	25	2.5	3.1	<0.0050	<0.0050	510	—	<0.010
	4/11/2022	Well Dry - Could Not Sample															
	8/9/2022	0.0033	0.18	<0.0020	150	<0.0060	0.00037 J	1.1	<0.00050	26	3.2	2.9	0.00044 J	0.0030 J	590	0.0017	0.0057 J
	4/25/2023	Insufficient Water to Collect Sample															
	8/25/2023	<0.010	0.17	<0.0020	160	<0.0060	<0.010	0.47	<0.010	29	2.1	3.3	<0.010	0.0051	580	<0.010	<0.020
MW-37	8/11/2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4/28/2021	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/21/2021	<0.0050	0.031	<0.0020	270	<0.0060	<0.0050	1.9	<0.0025	55	2.5	4.2	<0.0050	<0.0050	620	—	<0.010
	4/12/2022	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/4/2022	0.00076 J	0.029	<0.0020	380	<0.0060	<0.0050	0.11	<0.00050	62	3.2	4.5	<0.0050	0.0069	680	0.0026	0.0087 J
	4/28/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4/28/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/24/2023	<0.010	0.028	<0.0020	490	<0.0060	<0.010	0.089	0.0051	86	1.6	5.3	<0.010	0.015	830	<0.010	0.098
	8/24/2023	<0.010	0.028	<0.0020	480	<0.0060	<0.010	0.063	<0.010	84	1.6	5.1	<0.010	0.015	830	<0.010	0.30
MW-38	8/11/2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4/28/2021	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/23/2021	<0.010	0.43	<0.0020	130	<0.0060	<0.010	0.54	<0.0050	21	3.4	2.1	<0.010	<0.0050	200	—	<0.010
	4/11/2022	Insufficient Water to Collect Sample															
	8/9/2022	0.0011	0.47	<0.0020	130	<0.0060	<0.0010	1.2	<0.00050	21	2.3	1.9	<0.0010	0.0035 J	210	0.0020	0.0093 J
	4/28/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/24/2023	<0.010	0.42	<0.0020	140	<0.0060	<0.010	0.76	<0.010	25	2.0	3.2	<0.010	<0.0050	270	<0.010	0.038

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

— = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 6A
RCRA WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butylbenzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					VOCs - EPA RSL Tap Water THQ = 0.1						
Screening Levels		5	1,000	700	620	100	11	35	1	14,100	447	5.6	6.0	-	100	66	200	69
**MW-50	8/23/2020	—	—	—	--	—	—	—	--	—	—	—	--	—	—	--	--	—
	8/11/2023	<2.0	<2.0	<2.0	<3.0	<2.0	<8.0	<8.0	<4.0	<20	<2.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	<2.0
MW-51	8/23/2020	—	—	—	--	—	—	—	--	—	—	--	--	—	—	--	—	—
	8/16/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**7.8 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/11/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/11/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
MW-52	4/27/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	—	--	--	—	—	--	—	—	--	--	—
	4/27/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	—	--	--	—	—	--	—	—	--	--	—
	8/14/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
MW-53	8/7/2020	<0.23	< 0.20	< 0.21	< 0.55	< 0.39	—	—	--	—	—	—	--	—	—	--	—	—
	8/18/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/18/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/2/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**4.8 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
**MW-54	8/20/2020	—	—	—	--	—	—	—	--	—	—	--	--	—	—	--	—	—
	8/2/2022	Sheen Observed - Could Not Sample																
	8/10/2023	**4.8**	<2.0	<2.0	<3.0	**14**	<8.0	<8.0	**3.7**	<20	**7.2**	<2.0	<2.0	<2.0	<6.0	**4.4**	**2.3**	<2.0
**MW-55	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-56	8/10/2020	**15**	**0.26 J**	**4.6**	**0.63 J**	**110**	—	—	--	—	—	—	--	—	—	--	--	—
	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
**MW-57	8/20/2020	—	—	—	--	—	—	—	--	—	—	--	--	—	—	--	—	—
	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
**MW-58	8/1/2022	Sheen Observed - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-59	8/12/2020	**0.52 J**	<0.20	<0.21	<0.55	**520**	—	—	--	—	—	—	--	—	—	--	--	—
	8/24/2021	<1.0	<1.0	<1.0	<1.5	**1,600**	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	**3.9**	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	**850**	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	**3.4**	<1.0
	8/22/2023	<1.0	<1.0	<1.0	<1.5	**96**	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	**4.8**	<1.0
**MW-60	8/11/2020	—	—	—	--	—	—	—	--	—	—	--	--	—	—	--	--	—
	8/1/2022	Insufficient Water to Collect Sample																
	8/9/2023	Well Unable to be Located																
**MW-61	8/11/2020	**8.3**	**4.0 J**	**320**	**1,100**	**120**	—	—	--	—	—	—	--	—	—	--	--	—
	8/24/2021	**120**	<1.0	**18**	<1.5	**3,100**	**24**	<4.0	<2.0	<10	**6.8**	**1.9**	<1.0	**1.2**	<3.0	**5.6**	**3.3**	<1.0
	8/1/2022	Well Could Not Be Accessed																
	8/9/2023	Well Abandoned																
MW-62	8/12/2020	< 0.23	< 0.20	< 0.21	< 0.55	< 0.39	—	--	--	—	—	--	—	—	—	--	—	—
	8/23/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/4/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	**3.0 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/24/2023	<1.0	<1.0	<1.0	<1.5	<1.0	**5.0**	**7.4**	**3.9**	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
MW-63	8/11/2020	<0.23	<0.20	<0.21	<0.55	**6.3**	—	—	--	—	-	—	--	—	—	--	--	—
	8/24/2021	<1.0	<1.0	<1.0	<1.5	**1.5**	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/2/2022	<1.0	<1.0	<1.0	<1.5	**0.52 J**	<4.0	<4.0	<2.0	**6.6 J**	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/22/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0

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TABLE 6A
RCRA WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butylbenzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					VOCs - EPA RSL Tap Water THQ = 0.1						
Screening Levels		5	1,000	700	620	100	11	35	1	14,100	447	5.6	6.0	-	100	66	200	69
MW-64	8/12/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	--	—	—	—	--	—	—	--	—	—
	8/24/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/2/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	8.4 J	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/22/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
MW-65	8/11/2020	100	<1.0	58	110	1,800												
	8/16/2021	Well Destroyed																
	8/22/2023	13	<1.0	5.9	<1.5	2,200	9.3	<4.0	<2.0	<10	1.9	2.7	<1.0	<1.0	<3.0	1.4	1.8	<1.0
**MW-66	8/11/2020	130	<2.0	190	34	<3.9	—	—	--	—	—	—	--	—	—	--	--	—
	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-67	8/10/2020	< 0.23	< 0.20	< 0.21	< 0.55	< 0.39	—	--	--	—	—	--	--	—	—	--	—	—
	8/20/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/4/2022	<1.0	<1.0	<1.0	<1.5	1.2	<4.0	<4.0	<2.0	3.0 J	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5	2.8	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
MW-68	8/10/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	--	—	—	—	--	—	—	--	--	—
	8/19/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	0.52 J	<4.0	<4.0	<2.0	4.5 J	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/17/2023	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
**MW-69	8/19/2020	—	—	—	--	—	—	—	--	—	—	--	--	—	—	--	—	—
	8/1/2022	Well Dry - Could Not Sample																
	8/9/2023	Well Dry - Could Not Sample																
MW-70	8/12/2020	<0.23	<0.20	<0.21	<0.55	<0.39	—	—	--	—	—	—	--	—	—	--	—	—
	8/18/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/2/2022	Insufficient Water to Collect Sample																
	8/9/2023	Insufficient Water to Collect Sample																
MW-71	8/1/2022	FPP - Could Not Sample																
	8/17/2023	16,000	<20	580	34	96	<80	91	370	<200	96	44	<20	<20	<60	180	<20	<20
MW-72	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-73	8/19/2021	2,900	3.6	70	5.9	59	43	57	160	<10	60	<1.0	<1.0	<1.0	6.8	130	9.4	1.4
	8/1/2022	3,700	3.2	120	6.3 J	53	59	76	180	<50	53	1.1 J	<5.0	<5.0	7.7 J	120	7.9	<5.0
	8/9/2023	FPP - Could Not Sample																
MW-74	8/19/2021	5,100	13	420	540	290	68	88	170	<100	63	330	81	<10	<30	120	11	<10
	8/1/2022	Sheen Observed - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-75	8/18/2021	2,400	11	14	6.8	33	34	53	98	<10	46	<1.0	<1.0	<1.0	<3.0	58	7.6	1.7
	8/18/2021	2,400	11	13	6.8	34	33	51	98	<10	45	<1.0	<1.0	<1.0	<3.0	58	7.8	1.7
	8/1/2022	Sheen Observed - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-76	8/18/2021	8.2	<1.0	3.7	<1.5	40	83	120	190	<10	51	1	<1.0	<1.0	<3.0	58	8	1.1
	8/1/2022	5.9	< 2.0	4.7	<3.0	27	110	160	170	9.4 J	50	0.27 J	<2.0	<2.0	1.6 J	57	7.7	1.1 J
	8/24/2023	<1.0	<1.0	1.6	<1.5	13	67	140	190	<10	56	1.2	<1.0	<1.0	<3.0	66	8.7	1.2
MW-77	8/1/2022	FPP - Could Not Sample																
	8/9/2023	FPP - Could Not Sample																
MW-78	8/3/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	6.8 J	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<10	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0
	8/9/2023	Insufficient Water to Collect Sample																

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Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butylbenzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					VOCs - EPA RSL Tap Water THQ = 0.1						
Screening Levels		5	1,000	700	620	100	11	35	1	14,100	447	5.6	6.0	-	100	66	200	69

Notes:

Analytical result exceeds the respective screening level.

Field duplicate sample collected

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

FPP = Free Product Present

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TABLE 6B
RCRA WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
**MW-50	8/23/2020	---	---	---
	8/11/2023	<1.0	<0.10	<5.0
MW-51	8/23/2020	---	---	---
	8/16/2021	<1.0	<0.050	---
	8/3/2022	**0.11**	<0.050	**0.10**
	8/11/2023	<1.0	<0.050	<5.0
	8/11/2023	<1.0	<0.050	<5.0
MW-52	4/27/2023	---	---	---
	4/27/2023	---	---	---
	8/17/2023	<1.0	<0.050	<5.0
MW-53	8/7/2020	<0.067	**0.012 J**	<0.60
	8/18/2021	<1.0	<0.050	---
	8/18/2021	<1.0	<0.050	---
	8/2/2022	**0.10**	<0.050	<0.080
	8/17/2023	<1.0	<0.050	<5.0
	8/17/2023	<1.0	<0.050	<5.0
**MW-54	8/20/2020	---	---	---
	8/2/2022	Sheen Observed - Could Not Sample		
	8/10/2023	**2.5**	**0.34**	<5.0
**MW-55	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-56	8/10/2020	**1.6**	**0.92**	<0.60
	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
**MW-57	8/20/2020	---	---	---
	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
**MW-58	8/1/2022	Sheen Observed - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-59	8/12/2020	**0.27**	<0.050	<0.60
	8/24/2021	<1.0	**0.060**	---
	8/3/2022	**0.50**	**0.85**	<0.080
	8/22/2023	<1.0	**0.081**	<5.0
**MW-60	8/11/2020	---	---	---
	8/1/2022	Insufficient Water to Collect Sample		
	8/9/2023	Well Unable to be Located		

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TABLE 6B
RCRA WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
**MW-61	8/11/2020	**6.2**	**8.5**	<0.60
	8/24/2021	<1.0	**0.89**	---
	8/1/2022	Well Could Not Be Accessed		
	8/9/2023	Well Abandoned		
MW-62	8/12/2020	<0.067	<0.050	<0.60
	8/23/2021	<1.0	<0.050	---
	8/4/2022	**0.020 J**	<0.050	<0.080
	8/24/2023	<1.0	<0.050	<5.0
MW-63	8/11/2020	<0.067	<0.050	<0.60
	8/24/2021	<1.0	<0.050	---
	8/2/2022	---	<0.050	---
	8/22/2023	<1.0	<0.050	<5.0
MW-64	8/12/2020	<0.067	<0.050	<0.60
	8/24/2021	<1.0	<0.050	---
	8/2/2022	**0.074**	<0.050	<0.080
	8/22/2023	<1.0	<0.050	<5.0
MW-65	8/11/2020	**5.0**	**2.1**	<0.60
	8/16/2021	Well Destroyed		
	8/22/2023	<1.0	**2.2**	<5.0
**MW-66	8/11/2020	**3.2**	**1.5**	<0.60
	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-67	8/10/2020	**0.24**	**0.0092**	<0.60
	8/20/2021	<1.0	<0.050	---
	8/4/2022	**0.78**	<0.050	**0.11**
	8/17/2023	<1.0	<0.050	<5.0
MW-68	8/10/2020	<0.067	**0.0098 J**	<0.60
	8/19/2021	<1.0	<0.050	---
	8/3/2022	**0.022 J**	<0.050	<0.080
	8/17/2023	<1.0	<0.050	<5.0
**MW-69	8/19/2020	---	---	---
	8/1/2022	Well Dry - Could Not Sample		
	8/9/2023	Well Dry - Could Not Sample		
MW-70	8/12/2020	<0.067	<0.050	<0.60
	8/18/2021	<1.0	<0.050	---
	8/2/2022	Insufficient Water to Collect Sample		
	8/9/2023	Insufficient Water to Collect Sample		

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TABLE 6B
RCRA WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
MW-71	8/1/2022	FPP - Could Not Sample		
	8/17/2023	**3.0**	**41**	<5.0
MW-72	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-73	8/19/2021	**1.7**	**14**	---
	8/1/2022	**3.3**	**16**	<0.080
	8/9/2023	FPP - Could Not Sample		
MW-74	8/19/2021	**1.2**	**24**	---
	8/1/2022	Sheen Observed - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-75	8/18/2021	**1.1**	**14**	---
	8/18/2021	**1.1**	**13**	---
	8/1/2022	Sheen Observed - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-76	8/18/2021	**1.5**	**1.2**	---
	8/1/2022	**2.9**	**0.74**	**0.066 J**
	8/24/2023	<1.0	**0.15**	<5.0
MW-77	8/1/2022	FPP - Could Not Sample		
	8/9/2023	FPP - Could Not Sample		
MW-78	8/3/2022	**0.054 J**	<0.050	<0.080
	8/3/2022	**0.055 J**	<0.050	<0.080
	8/9/2023	Insufficient Water to Collect Sample		

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

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Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858

NA = Not applicable/No screening level for specific analyte
EPA = Environmental Protection Agency
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics
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TABLE 6C
RCRA WELLS ANALYTICAL SUMMARY - SEMI-VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	1-Methyl-naphthalene (µg/L)	2,4-Dimethyl-phenol (µg/L)	2-Methyl-naphthalene (µg/L)	3+4-Methylphenol (µg/L)	4,6-Dinitro-2-methylphenol (µg/L)	Benzoic Acid (µg/L)	Bis(2-ethylhexyl)-phthalate (µg/L)	Butyl benzyl phthalate (µg/L)	Di-n-octyl phthalate (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	Pyridine (µg/L)
Screening Source		SVOCs - EPA RSL Tap Water THQ = 0.1												
Screening Levels		11.4	36	35.1	93	0.15	7,500	5.6	16	-	29	1.17	580	2
**MW-50	8/23/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/11/2023	<5.0	<10	<5.0	<10	<10	<20	<10	<10	<10	<5.0	<5.0	<10	<40
MW-51	8/23/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/16/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<20	<5.0	<5.0	<5.0	<5.0
	8/3/2022	<5.0	<10	<5.0	<10	<10	<20	<10	<10	<20	<10	<5.0	<20	<40
	8/11/2023	<5.0	<10	<5.0	<10	<10	<20	<10	<10	<20	<10	<5.0	<20	<40
	8/11/2023	<5.0	<10	<5.0	<10	<10	<20	<10	<10	<20	<10	<5.0	<20	<40
MW-52	4/27/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
	4/27/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/17/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-53	8/7/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/18/2021	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/18/2021	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/2/2022	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/17/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/17/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
**MW-54	8/20/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/2/2022	Sheen Observed - Could Not Sample												
	8/10/2023	<5.0	<10	<5.0	<10	<10	<20	< 10	<10	<20	<5.0	<5.0	< 10	<40
**MW-55	8/1/2022	FPP - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
MW-56	8/10/2020	<2.5	<4.9	<2.5	<4.2	<2.4	<9.3	<6.9	<3.5	<16	<3.0	**2.9 J**	<3.2	<4.7
	8/1/2022	FPP - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
**MW-57	8/20/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/1/2022	FPP - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
**MW-58	8/1/2022	Sheen Observed - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
MW-59	8/12/2020	< 2.5	< 4.9	< 2.5	< 4.2	< 2.4	< 9.3	< 6.9	< 3.5	< 16	< 3.0	< 2.9	< 3.2	< 4.7
	8/24/2021	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	8/3/2022	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/22/2023	<5.0	<10	<5.0	<10	<10	<20	< 10	<10	<20	<5.0	<5.0	< 10	<40
**MW-60	8/11/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/1/2022	Insufficient Water to Collect Sample												
	8/9/2023	Well Unable to be Located												

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TABLE 6C
RCRA WELLS ANALYTICAL SUMMARY - SEMI-VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	1-Methyl-naphthalene (µg/L)	2,4-Dimethyl-phenol (µg/L)	2-Methyl-naphthalene (µg/L)	3+4-Methylphenol (µg/L)	4,6-Dinitro-2-methylphenol (µg/L)	Benzoic Acid (µg/L)	Bis(2-ethylhexyl)-phthalate (µg/L)	Butyl benzyl phthalate (µg/L)	Di-n-octyl phthalate (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	Pyridine (µg/L)
Screening Source		SVOCs - EPA RSL Tap Water THQ = 0.1												
Screening Levels		11.4	36	35.1	93	0.15	7,500	5.6	16	-	29	1.17	580	2
**MW-61	8/11/2020	<13	47	<13	<21	23 J	50 J	<35	<17	<78	<15	17 J	<16	<23
	8/24/2021	18	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
	8/1/2022	Well Could Not Be Accessed												
	8/9/2023	Well Abandoned												
MW-62	8/12/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/23/2021	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/4/2022	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/24/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-63	8/11/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/24/2021	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/2/2022	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/22/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-64	8/12/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/24/2021	—	—	—	—	—	—	—	—	—	—	—	–	—
	8/2/2022	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/22/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-65	8/11/2020	—	—	—	—	—	—	—	—	—	—	—		
	8/16/2021	Well Destroyed												
	8/22/2023	9.5	<10	<5.0	<10	<10	<20	<10	<10	<10	<5.0	<5.0	<10	<40
**MW-66	8/11/2020	26	<32	<17	<28	<16	<62	<46	<23	<100	<20	27 J	<21	<31
	8/1/2022	FPP - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
MW-67	8/10/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/20/2021	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/4/2022	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/17/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-68	8/10/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/19/2021	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/3/2022	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/17/2023	—	—	—	—	—	—	—	—	—	—	—	—	—
**MW-69	8/19/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/1/2022	Well Dry - Could Not Sample												
	8/9/2023	Well Dry - Could Not Sample												

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TABLE 6C
RCRA WELLS ANALYTICAL SUMMARY - SEMI-VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	1-Methyl-naphthalene (µg/L)	2,4-Dimethyl-phenol (µg/L)	2-Methyl-naphthalene (µg/L)	3+4-Methylphenol (µg/L)	4,6-Dinitro-2-methylphenol (µg/L)	Benzoic Acid (µg/L)	Bis(2-ethylhexyl)-phthalate (µg/L)	Butyl benzyl phthalate (µg/L)	Di-n-octyl phthalate (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	Pyridine (µg/L)
Screening Source		SVOCs - EPA RSL Tap Water THQ = 0.1												
Screening Levels		11.4	36	35.1	93	0.15	7,500	5.6	16	-	29	1.17	580	2
MW-70	8/12/2020	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/18/2021	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/2/2022	Insufficient Water to Collect Sample												
	8/9/2023	Insufficient Water to Collect Sample												
MW-71	8/1/2022	FPP - Could Not Sample												
	8/17/2023	**85**	<10	**140**	<10	<10	<20	<10	<10	<10	<5.0	<5.0	**54**	<40
MW-72	8/1/2022	FPP - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
MW-73	8/19/2021	**29**	<5.0	**36**	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	**85**	**65**	<5.0
	8/1/2022	<5.0	<10	**45**	<10	<10	<20	<10	<10	<20	<10	**100**	**180**	<40
	8/9/2023	FPP - Could Not Sample												
MW-74	8/19/2021	**51**	<5.0	**66**	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	**110**	**9.1**	<5.0
	8/1/2022	Sheen Observed - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
MW-75	8/18/2021	**24**	<5.0	**33**	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	**54**	**12**	<5.0
	8/18/2021	**24**	<5.0	**32**	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	**54**	**13**	<5.0
	8/1/2022	Sheen Observed - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
MW-76	8/18/2021	**56**	<5.0	**70**	<5.0	<5.0	<5.0	<10	<5.0	<10	**5.3**	**120**	<5.0	<5.0
	8/1/2022	**49**	<10	**67**	<10	<10	<20	<10	<10	<20	<10	**91**	<20	<40
	8/24/2023	**69**	<10	**110**	<10	<10	<20	<10	<10	<20	**5.9**	**110**	<10	<40
MW-77	8/1/2022	FPP - Could Not Sample												
	8/9/2023	FPP - Could Not Sample												
MW-78	8/3/2022	<5.0	<10	<5.0	<10	<10	<20	<10	<10	<20	<10	<5.0	<20	<40
	8/3/2022	<5.0	<10	<5.0	<10	<10	<20	<10	<10	<20	<10	<5.0	<20	<40
	8/9/2023	Insufficient Water to Collect Sample												

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

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TABLE 6D
RCRA WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2									
Screening Levels		2	250	1	-	10	-	600	-	-	-
**MW-50	8/23/2020	---	---	---	---	---	---	---	---	---	---
	8/11/2023	<0.050	7.1	<1.0*	<0.50	<1.0*	<2.5 H	81	360 H	404.6	404.6
MW-51	8/23/2020	---	---	---	---	---	---	---	---	---	---
	8/16/2021	---	---	---	---	---	---	---	---	---	---
	8/3/2022	0.36	7.7	0.018 J	0.072 J	0.97	<0.50	34	300 H	324	324
	8/11/2023	0.25	12	<1.0*	<0.10	<1.0*	<0.50 H	59	330 H	366.2	366.2
	8/11/2023	<0.50	11	<1.0*	<0.50	<1.0*	<2.5 H	60	330 H	363.5	363.5
MW-52	4/27/2023	0.29	840	<2.0	1.8	8.1	<0.50	990	350	350	350
	8/17/2023	<0.50	1,100	33*	2.8	33*	<2.5 H	1,300	140 H	142.3	142.3
MW-53	8/7/2020	<0.22	940	20*	2	20*	<1.2 H	930	210 H	235	235
	8/18/2021	---	---	---	---	---	---	---	---	---	---
	8/18/2021	---	---	---	---	---	---	---	---	---	---
	8/2/2022	<2.0	790	<2.0	2.5	25	<10	980	240 H	259.1	259.1
	8/17/2023	<0.50	790	<20*	2.3	<20*	<2.5 H	1,100	250 H	265.2	265.2
	8/17/2023	<0.50	780	17*	2.3	17*	<2.5 H	1,100	250 H	268.8	268.8
**MW-54	8/20/2020	---	---	---	---	---	---	---	---	---	---
	8/2/2022	Sheen Observed - Could Not Sample									
	8/10/2023	<0.50	810	<1.0*	1.5	<1.0*	<2.5 H	31	---	1,083	1,083
**MW-55	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
MW-56	8/10/2020	<0.22	450	<0.070	4.9	0.22 J	<1.2	1.8 J	970 H	1,033	1,033
	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
**MW-57	8/20/2020	---	---	---	---	---	---	---	---	---	---
	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
**MW-58	8/1/2022	Sheen Observed - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									

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Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2									
Screening Levels		2	250	1	-	10	-	600	-	-	-
MW-59	8/12/2020	<0.22	250	0.47 J	3.6	9.4	<1.2	850	910 H	985.1	985.1
	8/24/2021	---	---	---	---	---	---	---	---	---	---
	8/3/2022	<0.10	280	0.56	5.3	27	<10	990	1,000 H	998.7	998.7
	8/22/2023	<0.50	250	0.57	4.7	53	<2.5	1,600	710 H	769.4	769.4
**MW-60	8/11/2020	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Insufficient Water to Collect Sample									
	8/9/2023	Well Unable to be Located									
**MW-61	8/11/2020	0.54	59	<0.061	0.8	<0.061*	<1.2 H	10	640 H	687	687
	8/24/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Well Could Not Be Accessed									
	8/9/2023	Well Abandoned									
MW-62	8/12/2020	<0.22	13	<0.070	<0.25	0.27 J	<1.2	3,400	520 H	569.1	569.1
	8/23/2021	---	---	---	---	---	---	---	---	---	---
	8/4/2022	<2.0	13	<0.10	<0.10	0.23	<10	3,500	520 H	540.1	540.1
	8/24/2023	<2.0	13	<0.10	<0.10	0.41	<10	3,700	500 H	517.7	517.7
MW-63	8/11/2020	<0.22	130	63*	2.7	63*	<1.2 H	1,900	540 H	583.8	583.8
	8/24/2021	---	---	---	---	---	---	---	---	---	---
	8/2/2022	---	---	---	---	---	---	---	---	---	---
	8/22/2023	<0.50	160	<0.50	2.2	47	<2.5	1,200	450 H	484.6	484.6
MW-64	8/12/2020	<0.22	610	<0.070	1.9	37	<1.2	1,100	290 H	315.5	315.5
	8/24/2021	---	---	---	---	---	---	---	---	---	---
	8/2/2022	0.054 J	760	<2.0	2.4	38	<10	1,200	280 H	299	299
	8/22/2023	<0.50	740	<0.50	2.3	34	<2.5	1,200	230 H	249.4	249.4
MW-65	8/11/2020	<0.22	190	<0.061*	4.1	<0.061*	<1.2 H	370	1,100	1,230	1,230
	8/16/2021	Well Destroyed									
	8/22/2023	<0.50	210	<0.50	3.9	<0.50	<2.5	170	990 H	1,106	1,106
**MW-66	8/11/2020	0.29 J	99	<0.061*	2.3	<0.061*	<1.2 H	1,300	1,000 H	1,144	1,144
	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									

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Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2									
Screening Levels		2	250	1	-	10	-	600	-	-	-
MW-67	8/10/2020	**1.1**	**20**	<0.070	**0.29 J**	**15**	<1.2	**410**	**250 H**	**273.2**	**273.2**
	8/20/2021	---	---	---	---	---	---	---	---	---	---
	8/4/2022	**0.46**	**19**	<0.10	**0.22**	**16**	<0.50	**520**	**260 H**	**275.2**	**275.2**
	8/17/2023	<0.50	**45**	**16***	<0.50	**16***	<2.5 H	**1,100**	**210 H**	**221.4**	**221.4**
MW-68	8/10/2020	**0.45 J**	**20**	<0.070	<0.25	**4.7**	<1.2	**230**	**190**	**202.6**	**202.6**
	8/19/2021	---	---	---	---	---	---	---	---	---	---
	8/2/2022	**0.34**	**24**	---	**0.12**	---	<0.50 H	**220**	**260**	**279.1**	**279.1**
	8/17/2023	<0.050	**300**	**35***	**1.4**	**35***	<2.5 H	**690**	**210 H**	**220.4**	**220.4**
**MW-69	8/19/2020	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Well Dry - Could Not Sample									
	8/9/2023	Well Dry - Could Not Sample									
MW-70	8/12/2020	**0.82**	**360**	<0.070	**1.7**	**0.36 J**	<1.2	**2,200**	**730 H**	**773.5**	**773.5**
	8/18/2021	---	---	---	---	---	---	---	---	---	---
	8/2/2022	Insufficient Water to Collect Sample									
	8/9/2023	Insufficient Water to Collect Sample									
MW-71	8/1/2022	FPP - Could Not Sample									
	8/17/2023	**0.59**	**110**	<1.0	**2.5**	<1.0	<2.5 H	**4.5**	**1,100 H**	**1,103**	**1,103**
MW-72	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
MW-73	8/19/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	<0.50	**120**	---	**2.7**	---	<2.5 H	**24**	**960 H**	**1,020**	**1,020**
	8/9/2023	FPP - Could Not Sample									
MW-74	8/19/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Sheen Observed - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
MW-75	8/18/2021	---	---	---	---	---	---	---	---	---	---
	8/18/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	Sheen Observed - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									

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Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		**Anions - NMAC 20.6.2**									
Screening Levels		**2**	**250**	**1**	**-**	**10**	**-**	**600**	**-**	**-**	**-**
MW-76	8/18/2021	---	---	---	---	---	---	---	---	---	---
	8/1/2022	**0.48 J**	**28**	---	**0.65**	---	<2.5 H	<2.5	**850 H**	**901.6**	**901.6**
	8/24/2023	<0.50	**4.5**	<0.50	<0.50	<0.50	<2.5	<2.5	**820 H**	**803.6**	**803.6**
MW-77	8/1/2022	FPP - Could Not Sample									
	8/9/2023	FPP - Could Not Sample									
MW-78	8/3/2022	**0.45 J**	**270**	<0.50	**1.1**	**35**	<2.5	**840**	270 H	**279.2**	**279.2**
	8/3/2022	**0.44 J**	**260**	<0.50	**1.1**	**35**	<2.5	**840**	270 H	**279.2**	**279.2**
	8/9/2023	Insufficient Water to Collect Sample									

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

H = Holding time exceeded

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

* = Value exceeds Maximum Contaminant Level

FPP = Free Product Present

* = Nitrate & Nitrite value is a combined result

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TABLE 6E
RCRA WELLS ANALYTICAL SUMMARY - TOTAL METALS
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San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
**MW-50	8/23/2020	---	---	---	---	---	---	---	---
	8/11/2023	**0.010**	**0.29**	<0.0020	<0.0060	<0.0010	<0.0010	<0.0050	<0.00020
MW-51	8/23/2020	---	---	---	---	---	---	---	---
	8/16/2021	**0.0072**	**0.082**		<0.0060	<0.00050	<0.0010	<0.00050	<0.00020
	8/3/2022	**0.0073**	**0.160**		<0.0060	<0.00050	**0.00081 J**	<0.0050	**0.000096 J**
	8/11/2023	**0.0064**	**0.24**	<0.0020	<0.0060	<0.0010	**0.0013**	<0.0050	<0.00020
	8/11/2023	**0.0065**	**0.24**	<0.0020	<0.0060	<0.0010	<0.0010	<0.0050	<0.00020
MW-52	4/27/2023	---	---	---	---	---	---	---	---
	4/27/2023	---	---	---	---	---	---	---	---
	8/17/2023	<0.0050	**0.027**	<0.0020	<0.0060	<0.0050	**0.11**	**0.013**	<0.00020
MW-53	8/7/2020	**0.0021**	**0.016**	<0.00037	< 0.0014	<0.0025	**0.060**	**0.0035 J**	< 0.00012
	8/18/2021	<0.0050	**0.014**		<0.0060	<0.0025	**0.047**	<0.0050	<0.00020
	8/18/2021	**0.0014**	**0.015**		<0.0060	<0.00050	**0.063**	<0.0050	<0.00020
	8/2/2022	**0.0014 J**	**0.015**		<0.0060	<0.00050	**0.037**	**0.0061**	<0.00020
	8/17/2023	<0.0050	**0.086**	<0.0020	<0.0060	<0.0050	**0.039**	**0.0097**	<0.00020
	8/17/2023	**0.0037**	**0.11**	<0.0020	<0.0060	<0.0050	**0.036**	**0.0095**	<0.00020
**MW-54	8/20/2020	---	---	---	---	---	---	---	---
	8/2/2022	Sheen Observed - Could Not Sample							
	8/10/2023	**0.0031**	**1.7**	<0.0020	<0.0060	**0.0022**	<0.0010	<0.0050	<0.00020
**MW-55	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-56	8/10/2020	**0.0045**	**2.7**		<0.0014	<0.00050	**0.00057 J**	<0.0013	<0.00012
	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							

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Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
**MW-57	8/20/2020	---	---		---	---	---	---	---
	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
**MW-58	8/1/2022	Sheen Observed - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-59	8/12/2020	<0.0025	**0.044**	<0.00037	<0.0014	<0.00050	<0.0025	**0.0035 J**	<0.00012
	8/24/2021	<0.010	**0.048**		<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	8/3/2022	**0.0011**	**0.048**		<0.0060	**0.000087 J**	**0.0026**	**0.0039 J**	<0.00020
	8/22/2023	<0.0050	**0.032**	<0.0020	<0.0060	<0.010	**0.019**	**0.012**	<0.00020
**MW-60	8/11/2020	---	---	---	---	---	---	---	---
	8/1/2022	Insufficient Water to Collect Sample							
	8/9/2023	Well Unable to be Located							
**MW-61	8/11/2020	**0.019**	**1.6**	**0.00062 J**	<0.0014	**0.0076**	<0.0025	<0.0013	<0.00012
	8/24/2021	**0.011**	**0.067**		<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	8/1/2022	Well Could Not Be Accessed							
	8/9/2023	Well Abandoned							
MW-62	8/12/2020	<0.0025	0.008	<0.00037	<0.0014	<0.0025	<0.0025	**0.0054**	<0.00012
	8/23/2021	<0.010	**0.010**		<0.0060	<0.0050	<0.010	<0.0050	<0.00020
	8/4/2022	<0.0050	**0.0097**		<0.0060	<0.0025	<0.0050	**0.011**	<0.00020
	8/24/2023	<0.0010	**0.014**	<0.0020	<0.0060	<0.0050	<0.0050	**0.015**	<0.00020
MW-63	8/11/2020	**0.0013**	**0.0087**	<0.00037	<0.0014	<0.00050	**0.020**	**0.0053**	< 0.00012
	8/24/2021	<0.0050	**0.015**		<0.0060	<0.0050	**0.033**	<0.0050	<0.00020
	8/2/2022	---	---		---	---	---	---	0.00010 J
	8/22/2023	**0.0014**	**0.0092**	<0.0020	<0.0060	<0.0050	**0.026**	**0.0096**	<0.00020

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Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
MW-64	8/12/2020	<0.0025	**0.015**	<0.00037	<0.0014	<0.00050	**0.023**	**0.0053**	<0.00012
	8/24/2021	<0.010	**0.014**		<0.0060	<0.0050	**0.027**	<0.0050	<0.00020
	8/2/2022	**0.0013 J**	**0.012**		<0.0060	<0.0025	**0.027**	**0.0079**	**0.000093 J**
	8/22/2023	<0.0050	**0.097**	<0.0020	<0.0060	<0.0050	**0.027**	**0.0098**	<0.00020
MW-65	8/11/2020	**0.0010**	**0.24**	<0.00037	<0.0014	<0.00050	<0.0025	**0.0020 J**	<0.00012
	8/16/2021	Well Destroyed							
	8/22/2023	**0.015**	**0.51**	<0.0020	<0.0060	**0.0063**	**0.0027**	<0.0050	<0.00020
**MW-66	8/11/2020	**0.0051**	**0.064**		<0.0014	**0.00055 J**	<0.0025	**0.0031 J**	<0.00012
	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-67	8/10/2020	**0.00052 J**	**0.028**	<0.00037	<0.0014	<0.00050	**0.0073**	**0.0031 J**	<0.00012
	8/20/2021	<0.0010	**0.019**		<0.0060	<0.00050	**0.0019**	<0.0050	<0.00020
	8/4/2022	<0.0050	**0.032**		<0.0060	<0.00050	**0.0067**	**0.0040 J**	<0.00020
	8/17/2023	**0.0012**	**0.067**	<0.0020	<0.0060	<0.0050	**0.022**	**0.0054**	<0.00020
MW-68	8/10/2020	**0.00080 J**	**0.016**	<0.00037	<0.0014	<0.00050	**0.0047**	**0.0019 J**	<0.00012
	8/19/2021	**0.011**	**0.021**		<0.0060	<0.00050	**0.0025**	<0.0050	<0.00020
	8/3/2022	**0.00078 J**	**0.031**		<0.0060	<0.00050	<0.0010	<0.0050	<0.00020
	8/17/2023	**0.0015**	**0.10**	<0.0020	<0.0060	<0.0050	**0.012**	**0.0084**	<0.00020
**MW-69	8/19/2020	---	---	---	---	---	---	---	---
	8/1/2022	Well Dry - Could Not Sample							
	8/9/2023	Well Dry - Could Not Sample							
MW-70	8/12/2020	<0.0025	**0.028**	<0.0037	<0.0014	<0.0025	<0.0025	**0.0076**	<0.00012
	8/18/2021	**0.0046**	**0.017**		<0.0060	<0.00050	<0.0010	<0.0050	<0.00020
	8/2/2022	Insufficient Water to Collect Sample							
	8/9/2023	Insufficient Water to Collect Sample							

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TABLE 6E
RCRA WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
MW-71	8/1/2022	FPP - Could Not Sample							
	8/17/2023	**0.016**	**2.6**	<0.0020	**0.0065**	**0.029**	**0.0044**	<0.0050	<0.00020
MW-72	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-73	8/19/2021	<0.0050	**4.8**		<0.0060	**0.0026**	<0.0050	<0.0050	<0.00020
	8/1/2022	**0.0034**	**4.8**		<0.0060	**0.0029**	**0.00069 J**	<0.0050	<0.00020
	8/9/2023	FPP - Could Not Sample							
MW-74	8/19/2021	<0.0050	**1.8**		<0.0060	**0.0065**	<0.0050	<0.0050	<0.00020
	8/1/2022	Sheen Observed - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-75	8/18/2021	<0.0050	**1.3**		<0.0060	<0.0025	<0.0050	<0.0050	<0.00020
	8/18/2021	<0.0050	**1.6**		<0.0060	<0.0025	<0.0050	<0.0050	<0.00020
	8/1/2022	Sheen Observed - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-76	8/18/2021	<0.0020	**2.9**		<0.0060	**0.00064**	<0.0010	<0.0050	<0.00020
	8/1/2022	**0.0027**	**3.3**		<0.0060	**0.00047 J**	**0.00051 J**	<0.0050	<0.00020
	8/24/2023	**0.0023**	**3.0**	<0.0020	<0.0060	<0.0010	<0.0010	<0.0050	<0.00020
MW-77	8/1/2022	FPP - Could Not Sample							
	8/9/2023	FPP - Could Not Sample							
MW-78	8/3/2022	**0.0018**	**0.081**		**0.0039 J**	**0.0031**	**0.038**	**0.0023 J**	**0.000094 J**
	8/3/2022	**0.0032**	**0.083**		**0.0056 J**	**0.0032**	**0.035**	**0.0025 J**	**0.000097 J**
	8/9/2023	Insufficient Water to Collect Sample							

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TABLE 6E
RCRA WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

FPP = Free Product Present

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TABLE 6F
RCRA WELLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		0.01	2.0	0.005	-	0.05	1.0	1.0	0.015	-	0.2	-	0.05	0.05	-	0.03	10.0
**MW-50	8/23/2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/11/2023	<0.010	0.27	<0.0020	120	<0.0060	<0.010	0.27	<0.010	23	6.0	2.5	<0.010	<0.0050	46	<0.010	<0.020
MW-51	8/23/2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/16/2021	0.0061	0.076	<0.00050	75	<0.0060	<0.0010	<0.020	<0.00050	15	1.9	1.6	<0.0010	<0.0050	37	—	<0.010
	8/3/2022	0.0073	0.11	<0.0020	82	<0.0060	0.00094 J	0.013 J	<0.00050	16	2.6	1.9	0.0013	0.0021 J	41	0.00066	0.0063 J
	8/11/2023	<0.010	0.22	<0.0020	96	<0.0060	<0.010	0.028	<0.010	21	4.4	2.3	<0.010	<0.0050	47	<0.010	<0.020
	8/11/2023	<0.010	0.23	<0.0020	94	<0.0060	<0.010	0.027	<0.010	20	4.3	2.1	<0.010	<0.0050	49	<0.010	<0.020
MW-52	4/27/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4/27/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/17/2023	<0.010	<0.020	<0.0020	470	<0.0060	<0.010	0.044	<0.010	120	0.49	5.1	0.11	0.014	830	<0.010	0.18
MW-53	8/7/2020	<0.0025	0.022	<0.00037	270	<0.0012	<0.0025	<0.0080	<0.0025	70	0.0017 J	4.9	0.05559	0.0058	780	0.010041	0.026
	8/18/2021	<0.0050	0.016	<0.0020	330	<0.0060	<0.0050	<0.20	<0.00050	58	0.085	5.2	0.060	<0.0050	730	—	<0.010
	8/18/2021	<0.0050	0.017	<0.0020	310	<0.0060	<0.0050	<0.020	<0.0025	57	0.066	4.8	0.059	<0.0050	740	—	<0.010
	8/2/2022	0.0013 J	0.016	<0.0020	330	<0.0060	<0.0050	0.010 J	<0.0025	56	0.032	4.3	0.046	0.0062	810	0.011	0.0084 J
	8/17/2023	<0.010	<0.020	<0.0020	360	<0.0060	<0.010	<0.020	<0.010	52	0.34	4.5	0.039	0.011	780	<0.010	0.048
	8/17/2023	<0.010	<0.020	<0.0020	350	<0.0060	<0.010	<0.020	<0.010	51	0.33	4.6	0.031	0.011	790	0.011	0.022
**MW-54	8/20/2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/2/2022	Sheen Observed - Could Not Sample															
	8/10/2023	<0.010	1.7	<0.0020	130		<0.010	2.8	<0.010	38	2.4	5.8	<0.010	<0.0050	870	<0.010	<0.020
**MW-55	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-56	8/10/2020	0.0042498 J	2.7	<0.00037	140	<0.0012	<0.0025	32	<0.0025	45	1.8	2.9	<0.0025	<0.0016	490	<0.0025	0.040
	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
**MW-57	8/20/2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
**MW-58	8/1/2022	Sheen Observed - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-59	8/12/2020	<0.0025	0.048	<0.00037	270	<0.0012	<0.0025	0.22	<0.0025	83	0.75	4.1	<0.0025	0.0049 J	510	0.027	0.029
	8/24/2021	<0.020	0.045	<0.0020	210	<0.0060	<0.020	0.15	<0.010	71	0.72	4.1	<0.020	<0.0050	480	0.019	<0.010
	8/3/2022	0.00064 J	0.045	<0.0020	300	<0.0060	0.0011	0.019 J	<0.00050	110	0.77	4.5	0.0033 J	0.0062	630	0.030	0.0057 J
	8/22/2023	<0.010	0.030	<0.0020	420	<0.0060	<0.010	<0.020	<0.010	150	1.1	5.2	0.015	0.014	670	0.026	<0.020
**MW-60	8/11/2020	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8/1/2022	Insufficient Water to Collect Sample															
	8/9/2023	Well Unable to be Located															
**MW-61	8/11/2020	0.016	1.6	0.00062 J	140	<0.0012	<0.0025	8.0	0.0026	66	5.4	1.7	<0.0025	<0.0016	67	0.0014	0.024
	8/24/2021	<0.020	0.057	<0.0020	210	<0.0060	<0.020	7.4	<0.010	72	1.9	2.8	<0.020	<0.0050	570	<0.010	<0.010
	8/1/2022	Well Could Not Be Accessed															
	8/9/2023	Well Abandoned															
MW-62	8/12/2020	<0.0025	0.0090 J	<0.00037	430	<0.0012	<0.0025	0.013 J	<0.0025	36	0.65	8.7	<0.0025	0.0076	1,300	0.0040 J	0.042
	8/23/2021	<0.010	0.011	<0.0020	420	<0.0060	<0.010	<0.020	<0.0050	38	1.1	10	<0.010	<0.0050	1,400	—	<0.010
	8/4/2022	<0.0050	0.0093	<0.0020	440	<0.0060	<0.0050	0.021	<0.0025	39	1.0	8.8	<0.0050	0.0087	1,500	0.0042	0.0056 J
	8/24/2023	<0.010	<0.020	<0.0020	470	<0.0060	<0.010	0.028	<0.010	42	1.5	9.7	<0.010	0.015	1,400	<0.010	<0.020
MW-63	8/11/2020	<0.0025	0.0082 J	<0.00037	410	<0.0012	<0.0025	0.081	<0.0025	160	0.27	4.4	0.020	0.0043 J	550	0.048	0.026
	8/24/2021	<0.020	0.015	<0.0020	480	<0.0060	<0.020	<0.020	<0.010	180	0.42	5.4	0.030	<0.0050	570	0.049	<0.010
	8/2/2022	0.0014 J	0.015	<0.0020	530	<0.0060	0.0023 J	0.027	<0.0025	170	0.017	5.2	0.042	0.010	690	0.033	0.012
	8/22/2023	<0.010	<0.020	<0.0020	300	<0.0060	<0.010	<0.020	<0.010	80	0.0067	3.8	0.024	0.0092	540	0.025	<0.020
MW-64	8/12/2020	<0.0025	0.017 J	<0.00037	410	<0.0012	<0.0025	<0.0080	<0.0025	64	0.00048 J	3.6	0.021	0.012	570	0.017	0.035
	8/24/2021	<0.020	0.015	<0.0020	370	<0.0060	<0.020	<0.0060	<0.010	63	<0.0020	4.3	<0.020	0.0055	630	0.013	<0.010
	8/2/2022	0.0019 J	<0.020	0.012 J	140	<0.0060	<0.0050	0.15 J	<0.0025	45	12	2.4 J	0.025	<0.050	30	0.010	2.4
	8/22/2023	<0.010	<0.020	<0.0020	380	<0.0060	<0.010	0.033	<0.010	57	<0.0020	4.3	0.026	0.012	800	<0.010	0.20
MW-65	8/11/2020	<0.0025	0.43	<0.00037	190	<0.0012	<0.0025	1.4	<0.0025	75	1.7	3.1	<0.0025	0.0025 J	510	<0.0025	0.018 J
	8/16/2021	Well Destroyed															
	8/22/2023	<0.010	0.16	<0.0020	160	<0.0060	<0.010	8.9	<0.010	76	1.9	3.2	<0.010	<0.0050	560	<0.010	0.027

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TABLE 6F
RCRA WELLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		0.01	2.0	0.005	-	0.05	1.0	1.0	0.015	-	0.2	-	0.05	0.05	-	0.03	10.0
**MW-66	8/11/2020	0.0036 J	0.063	<0.00037	300	<0.0012	<0.0025	0.067	<0.0025	200	0.82	5.7	<0.0025	0.0027 J	510	0.014	0.0061
	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-67	8/10/2020	<0.00050	0.028	<0.00037	120	<0.0012	0.0011574	<0.0080	<0.00050	28	0.00041 J	3.3	0.0065805	0.0030 J	190	0.017494	0.11
	8/20/2021	<0.0010	0.017	<0.0020	410	<0.0060	<0.0010	<0.020	<0.00050	99	0.97	4.6	0.0014	<0.0050	470	—	<0.010
	8/4/2022	0.00039 J	0.031	<0.0020	200	<0.0060	0.0010	<0.020	<0.00050	50	0.13	3.2	0.0077	0.0037 J	220	0.0088	0.0036 J
	8/17/2023	<0.010	0.028	<0.0020	280	<0.0060	<0.010	0.58	<0.010	69	0.26	3.9	0.012	0.0082	260	<0.010	0.10
MW-68	8/10/2020	<0.0025	0.016 J	<0.00037	80	<0.0012	<0.0025	<0.0080	<0.00050	21	0.00055 J	2.2	0.0043868 J	0.0021 J	100	0.0044961	0.17
	8/19/2021	<0.0010	0.021	<0.0020	66	<0.0060	0.0011	<0.020	<0.00050	15	0.010	2.3	0.0019	<0.0050	100	—	<0.010
	8/3/2022	0.00087 J	0.030	<0.0020	110	<0.0060	0.0015	<0.020	<0.00050	25	0.0088	2.3	0.0020	0.0015 J	96	0.0055	0.0056
	8/17/2023	<0.010	0.075	<0.0020	330	<0.0060	<0.010	<0.020	<0.010	71	<0.0020	4.2	0.024	0.010	170	<0.010	0.083
**MW-69	8/19/2020	—	—	—	—	–	—	—	—	—	—	—	—	—	—	—	—
	8/1/2022	Well Dry - Could Not Sample															
	8/9/2023	Well Dry - Could Not Sample															
MW-70	8/12/2020	<0.0025	0.018 J	<0.00037	560	<0.0012	0.0034 J	1.8	<0.0025	160	1.8	4.1	<0.0025	0.012	590	0.017	0.037
	8/18/2021	<0.0050	0.016	<0.0020	550	<0.0060	<0.0010	6.2	<0.0025	150	1.6	3.7	<0.0050	<0.0050	570	—	<0.010
	8/2/2022	Insufficient Water to Collect Sample															
	8/9/2023	Insufficient Water to Collect Sample															
MW-71	8/1/2022	FPP - Could Not Sample															
	8/17/2023	<0.010	2.5	<0.0020	91	<0.0060	<0.010	10	0.010	65	3.0	3.4	<0.010	<0.0050	380	<0.010	0.036
MW-72	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-73	8/19/2021	0.0023	5.5	<0.0020	92	<0.0060	<0.0010	11	0.0014	45	0.59	5.2	<0.0010	<0.0050	400	—	<0.010
	8/1/2022	0.0021	4.7	<0.0020	93	<0.0060	<0.0010	7	0.00076	45	0.48	4.9	0.00072 J	<0.0050	390	<0.00050	0.0061 J
	8/9/2023	FPP - Could Not Sample															
MW-74	8/19/2021	0.0018	2.0	<0.0020	180	<0.0060	<0.0010	7.6	0.0046	56	4.6	5.6	<0.0010	<0.0050	450	—	<0.010
	8/1/2022	Sheen Observed - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-75	8/18/2021	0.0029	1.7	<0.0020	120	<0.0060	<0.0010	6.4	<0.00050	41	2.2	<5.0	<0.0010	<0.0050	530	—	<0.010
	8/18/2021	0.0030	1.7	<0.0020	95	<0.0060	<0.0010	6.2	<0.00050	33	2.3	2.7	<0.0010	<0.0050	530	—	<0.010
	8/1/2022	Sheen Observed - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-76	8/18/2021	0.0017	2.8	<0.0020	69	<0.0060	<0.0010	7.4	<0.00050	50	1.8	3.0	<0.0010	<0.0050	300	—	<0.010
	8/1/2022	0.0022	3.0	<0.0020	65	<0.0060	0.00096 J	8.0	0.00027 J	49	1.5	2.7	0.00041 J	<0.0050	260	0.00011 J	0.0065 J
	8/24/2023	<0.010	3.3	<0.0020	96	<0.0060	<0.010	9.9	<0.010	81	2.1	2.6	<0.010	<0.0050	140	<0.010	<0.020
MW-77	8/1/2022	FPP - Could Not Sample															
	8/9/2023	FPP - Could Not Sample															
MW-78	8/3/2022	0.00092 J	0.021	<0.0020	240	<0.0060	0.0015	<0.020	<0.00050	50	0.053	4.1	0.047	0.0052	350	0.010	0.0040 J
	8/3/2022	0.00081 J	0.021	<0.0020	240	<0.0060	0.0017	<0.020	<0.00050	51	0.055	4.2	0.040	0.0048	360	0.010	0.0051 J
	8/9/2023	Insufficient Water to Collect Sample															

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

— = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

FPP = Free Product Present

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TABLE 7A
COLLECTION AND OBSERVATION WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Isopropyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		**NMAC 20.6.2**					**NMED Soil Screening Guidance Table A-1 (Tap Water)**				**EPA RSL Tap Water THQ = 0.1**		
Screening Levels		**5**	**1,000**	**700**	**620**	**100**	**11.4**	**35.1**	**1.17**	**447**	**66**	**200**	**69**
CW 0+60	8/6/2020	**0.38**	<0.20	**1.6**	<0.55	**0.57**	--	--	--	--	--	--	--
	4/27/2021	<1.0	<1.0	**2.3**	<1.5	**1.8**	--	--	--	--	--	--	--
	8/19/2021	<2.0	<2.0	<2.0	<1.5	<2.0	**21**	**37**	**110**	**110**	**110**	**17**	**3.2**
	4/13/2022	**0.72 J**	<1.0	**2.7**	**0.60 J**	**1.6**	**23**	**46**	**130**	**130**	**110**	**18**	**4.0**
	8/4/2022	**0.74 J**	<1.0	**0.99 J**	**0.94 J**	**0.91 J**	**30**	**51**	**160**	**130**	**120**	**20**	**4.1**
	5/10/2023	**0.50 J**	<2.0	**1.5 J**	<3.0	**1.0 J**	--	--	--	--	--	--	--
	8/9/2023	Not Sampled											
CW 25+95	8/6/2020	**17**	**0.22**	**9.4**	<0.55	<0.39	—	--	--	—	--	--	—
	4/27/2021	<1.0	<1.0	<1.0	<1.5	<1.0	--	--	--	--	--	--	—
	8/19/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/13/2022	<1.0	<1.0	<1.0	<1.5	**0.41 J**	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	**1.2**	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/27/2023	<1.0	<1.0	<1.0	<1.0	**1.1**	—	--	--	—	--	--	—
	8/10/2023	<1.0	<1.0	<1.0	<1.0	**2.3**	—	--	--	—	--	--	—
OW 0+60	8/6/2020	--	--	--	--	--	—	--	--	—	--	--	—
	4/11/2022	Insufficient Water to Collect Sample											
	8/4/2022	<1.0	<1.0	<1.0	<1.5	**0.50 J**	<4.0	<4.0	**0.88 J**	<1.0	<1.0	<1.0	**0.26 J**
	4/24/2023	Insufficient Water to Collect Sample											
	8/9/2023	Insufficient Water to Collect Sample											
OW 1+50	8/6/2020	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	—
	4/11/2022	Insufficient Water to Collect Sample											
	8/4/2022	Insufficient Water to Collect Sample											
	4/24/2023	Insufficient Water to Collect Sample											
	8/9/2023	Insufficient Water to Collect Sample											
OW 3+85	8/6/2020	--	--	—	--	--	—	--	--	—	--	--	—
	4/13/2022	Sheen Observed - Could Not Sample											
	8/4/2022	Sheen Observed - Could Not Sample											
	4/26/2023	<5.0	<5.0	<5.0	<10	**7.9**	—	--	--	—	--	--	
	8/10/2023	<20	<20	<20	<30	<20	—	--	--	—	--	--	

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TABLE 7A
COLLECTION AND OBSERVATION WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Isopropyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		**NMAC 20.6.2**					**NMED Soil Screening Guidance Table A-1 (Tap Water)**				**EPA RSL Tap Water THQ = 0.1**		
Screening Levels		**5**	**1,000**	**700**	**620**	**100**	**11.4**	**35.1**	**1.17**	**447**	**66**	**200**	**69**
OW 5+50	8/6/2020	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2022	Well Dry - Could Not Sample											
	8/4/2022	Well Dry - Could Not Sample											
	4/24/2023	Insufficient Water to Collect Sample											
	8/9/2023	Insufficient Water to Collect Sample											
OW 6+70	8/6/2020	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2022	Insufficient Water to Collect Sample											
	8/4/2022	Well Dry - Could Not Sample											
	4/24/2023	Well Dry - Could Not Sample											
	8/9/2023	Well Dry - Could Not Sample											
OW 8+10	8/6/2020	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2022	Well Dry - Could Not Sample											
	8/4/2022	Well Dry - Could Not Sample											
	4/26/2023	< 1.0	< 1.0	< 1.0	< 1.5	<1.0	--	--	--	--	--	--	--
	8/9/2023	Well Inaccessible											
OW 11+15	8/6/2020	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2022	Sheen Observed - Could Not Sample											
	8/4/2022	Sheen Observed - Could Not Sample											
	4/26/2023	**1,400**	<5.0	**7.0**	<7.5	**85**	--	--	--	--	--	--	--
	8/24/2023	**1,600**	<5.0	**5.9**	<7.5	**85**	--	--	--	--	--	--	--
OW 14+10	8/6/2020	--	--	--	--	--	--	--	--	--	--	--	--
	4/11/2022	Well Dry - Could Not Sample											
	8/4/2022	Well Dry - Could Not Sample											
	4/24/2023	Well Dry - Could Not Sample											
	8/9/2023	Well Dry - Could Not Sample											

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TABLE 7A
COLLECTION AND OBSERVATION WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Isopropyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		**NMAC 20.6.2**					**NMED Soil Screening Guidance Table A-1 (Tap Water)**				**EPA RSL Tap Water THQ = 0.1**		
Screening Levels		**5**	**1,000**	**700**	**620**	**100**	**11.4**	**35.1**	**1.17**	**447**	**66**	**200**	**69**
OW 16+60	8/6/2020	<0.23	<0.20	<0.21	<0.55	**180**	--	--	--	--	--	--	--
	4/27/2021	<5.0	<5.0	<5.0	<7.5	**240**	--	--	--	--	--	--	--
	8/19/2021	--	--	--	--	--	--	--	--	--	--	--	--
	4/13/2022	Insufficient Water to Collect Sample											
	8/4/2022	<1.0	<1.0	<1.0	**0.85 J**	**370**	<4.0	<4.0	**1.4 J**	**4.7**	**0.62 J**	**5.9**	**2.3**
	4/26/2023	<1.0	<1.0	<1.0	<1.5	**340**	--	--	--	--	--	--	--
	8/10/2023	<1.0	<1.0	<1.0	<1.5	**310**	--	--	--	--	--	--	--
OW 19+50	4/24/2023	Insufficient Water to Collect Sample											
	8/9/2023	Insufficient Water to Collect Sample											
OW 22+00	8/7/2020	<0.23	<0.20	<0.21	<0.55	**2.4**	--	--	--	--	--	--	--
	4/27/2021	<1.0	<1.0	<1.0	<1.5	<1.0	--	--	--	--	--	--	--
	8/19/2021	--	--	--	--	--	--	--	--	--	--	--	--
	4/13/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	**1.0**	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/26/2023	<1.0	<1.0	<1.0	<1.5	<1.0	--	--	--	--	--	--	--
	8/9/2023	Insufficient Water to Collect Sample											
OW 23+10	8/7/2020	<0.23	<0.20	<0.21	<0.55	<0.39	--	--	--	--	--	--	--
	4/13/2022	Insufficient Water to Collect Sample											
	8/3/2022	<1.0	<1.0	<1.0	**0.63 J**	**0.62 J**	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/26/2023	<1.0	<1.0	<1.0	<1.0	<1.5	--	--	--	--	--	--	--
	8/10/2023	<1.0	<1.0	<1.0	<1.0	<1.5	--	--	--	--	--	--	--
OW 23+90	8/7/2020	<0.23	<0.20	<0.21	<0.55	<0.39	--	--	--	--	--	--	--
	4/11/2022	Well Dry - Could Not Sample											
	8/4/2022	Well Dry - Could Not Sample											
	4/24/2023	Insufficient Water to Collect Sample											
	8/9/2023	Insufficient Water to Collect Sample											

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TABLE 7A
COLLECTION AND OBSERVATION WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Isopropyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)				EPA RSL Tap Water THQ = 0.1		
Screening Levels		5	1,000	700	620	100	11.4	35.1	1.17	447	66	200	69
OW 25+70	8/6/2020	**4.6**	<0.20	<0.21	<0.55	<0.39	—	—	—	—	—	—	—
	4/27/2021	<1.0	<1.0	<1.0	<1.5	<1.0	—	—	—	—	—	—	—
	8/19/2021	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/13/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	8/3/2022	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0	<4.0	<2.0	<1.0	<1.0	<1.0	<1.0
	4/26/2023	<1.0	<1.0	<1.0	<1.5	<1.0	—	—	—	—	—	—	—
	8/9/2023	Well Dry - Could Not Sample											

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 7B
COLLECTION AND OBSERVATION WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
CW 0+60	8/6/2020	**2.1**	--	<0.60
	4/27/2021	**1.7**	**3.4**	<0.61
	8/19/2021	**1.4**	--	--
	4/13/2022	**2.5**	--	<0.080
	8/4/2022	**2.6**	**1.9**	<0.080
	5/10/2023	**1.1**	**2.6**	<5.0
	8/9/2023	Not Sampled		
CW 25+95	8/6/2020	**0.21**	--	<0.60
	4/27/2021	<0.085	**0.34**	<0.60
	8/19/2021	<1.0	--	--
	4/13/2022	**0.071**	--	<0.080
	8/3/2022	**1.1**	**0.096**	**0.73**
	4/27/2023	<1.0	<0.050	<5.0
	8/10/2023	<1.0	**0.13**	<5.0
OW 0+60	8/6/2020	--	--	--
	4/11/2022	Insufficient Water to Collect Sample		
	8/4/2022	**1.1**	**0.082**	**0.095**
	4/24/2023	Insufficient Water to Collect Sample		
	8/9/2023	Insufficient Water to Collect Sample		
OW 1+50	8/6/2020	--	--	--
	4/11/2022	Insufficient Water to Collect Sample		
	8/4/2022	Insufficient Water to Collect Sample		
	4/24/2023	Insufficient Water to Collect Sample		
	8/9/2023	Insufficient Water to Collect Sample		
OW 3+85	8/6/2020	--	--	--
	4/13/2022	Sheen Observed - Could Not Sample		
	8/4/2022	Sheen Observed - Could Not Sample		
	4/26/2023	**43**	**4.7**	<5.0
	8/10/2023	**140**	**17**	<15
OW 5+50	8/6/2020	--	--	--
	4/11/2022	Well Dry - Could Not Sample		
	8/4/2022	Well Dry - Could Not Sample		
	4/24/2023	Insufficient Water to Collect Sample		
	8/9/2023	Insufficient Water to Collect Sample		

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TABLE 7B
COLLECTION AND OBSERVATION WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
OW 6+70	8/6/2020	--	--	--
	4/11/2022	Insufficient Water to Collect Sample		
	8/4/2022	Well Dry - Could Not Sample		
	4/24/2023	Well Dry - Could Not Sample		
	8/9/2023	Well Dry - Could Not Sample		
OW 8+10	8/6/2020	--	--	--
	4/11/2022	Well Dry - Could Not Sample		
	8/4/2022	Well Dry - Could Not Sample		
	4/26/2023	<1.0	<0.050	<5.0
	8/9/2023	Well Inaccessible		
OW 11+15	8/6/2020	--	--	--
	4/11/2022	Sheen Observed - Could Not Sample		
	8/4/2022	Sheen Observed - Could Not Sample		
	4/26/2023	**68**	**5.1**	<50
	8/24/2023	**14**	**5.3**	<5.0
OW 14+10	8/6/2020	--	--	--
	4/11/2022	Well Dry - Could Not Sample		
	8/4/2022	Well Dry - Could Not Sample		
	4/24/2023	Well Dry - Could Not Sample		
	8/9/2023	Well Dry - Could Not Sample		
OW 16+60	8/6/2020	**3.8**	**0.45**	<0.60
	4/27/2021	**3.3**	**0.96**	<0.60
	8/19/2021	--	--	--
	4/13/2022	Insufficient Water to Collect Sample		
	8/4/2022	**3.7**	**0.81**	**0.16**
	4/26/2023	**10**	**0.75**	<5.0
	8/10/2023	**7.4**	**0.79**	<5.0
OW 19+50	4/24/2023	Insufficient Water to Collect Sample		
	8/9/2023	Insufficient Water to Collect Sample		
OW 22+00	8/7/2020	**0.17**	<0.0080	<0.60
	4/27/2021	<0.050	**0.14**	<0.68
	8/19/2021	--	--	--
	4/13/2022	**0.1**	<0.050	<0.080
	8/3/2022	**0.14**	<0.050	<0.080
	4/26/2023	<1.0	<0.050	<5.0
	8/9/2023	Insufficient Water to Collect Sample		

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TABLE 7B
COLLECTION AND OBSERVATION WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0.0167	0.0101	0.0858
OW 23+10	8/7/2020	**0.17**	**0.058**	<0.60
	4/13/2022	Insufficient Water to Collect Sample		
	8/3/2022	**1.4**	**0.11**	**0.16**
	4/26/2023	**2.5**	<0.050	<5.0
	8/10/2023	<1.0	<0.050	<5.0
OW 23+90	8/7/2020	---	**0.030**	---
	4/11/2022	Well Dry - Could Not Sample		
	8/1/2022	Well Dry - Could Not Sample		
	4/24/2023	Insufficient Water to Collect Sample		
	8/9/2023	Insufficient Water to Collect Sample		
OW 25+70	8/6/2020	**0.12**	**0.088**	<0.60
	4/27/2021	<0.091	**0.22**	<0.64
	8/19/2021	<1.0	**0.099**	---
	4/13/2022	**0.072**	**0.073**	<0.080
	8/3/2022	**0.064 J**	**0.030**	<0.080
	4/26/2023	<1.0	<0.050	<5.0
	8/9/2023	Well Dry - Could Not Sample		

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WQCC = Water Quality Control Commission

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TABLE 8A
OUTFALLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)
Screening Source		**NMAC 20.6.2**				
Screening Levels		**5**	**1,000**	**700**	**620**	**100**
East Outfall #2	8/3/2020	<0.23	<0.20	<0.21	<0.55	<0.39
	4/27/2021	<1.0	<1.0	<1.0	<1.5	<1.0
	4/26/2023	Dry				
	8/9/2023	Dry				
East Outfall #3	8/3/2020	<0.23	<0.20	<0.21	<0.55	<0.39
	4/26/2023	Dry				
	8/9/2023	Dry				

Notes:

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= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

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TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 8B
OUTFALLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2									
Screening Levels		1.6	250	1	-	10	-	600	-	-	-
East Outfall #2	8/3/2020	**0.48 J**	**17**	<0.070	<0.25	**2.4**	<1.2	**220**	<1.0 H	**263.1**	**263.1**
	4/27/2021	**0.48**	**17**	<0.10	<0.10	**1.3**	<0.50	**170**	--	**298.4**	**298.4**
	4/26/2023	Dry									
	8/9/2023	Dry									
East Outfall #3	8/3/2020	**0.42 J**	**13**	<0.070	<0.25	**1.8**	<1.2	**170**	<1.0 H	**203.9**	**203.9**
	4/26/2023	Dry									
	8/9/2023	Dry									

Notes:

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Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

-- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

TABLE 8C
OUTFALLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2						
Screening Levels		0.01	2.0	0.05	0.015	0.05	0.05	0.002
East Outfall #2	8/3/2020	**0.0010 J**	**0.044**	<0.0014	<0.00050	**0.0028**	**0.0023 J**	<0.00012
	4/27/2021	**0.0011**	**0.050**	<0.0060	<0.00050	**0.0051**	<0.0050	<0.00020
	4/26/2023	Dry						
	8/9/2023	Dry						
East Outfall #3	8/3/2020	**0.00093 J**	**0.033**	<0.0014	<0.00050	**0.0023**	**0.0018 J**	<0.00012
	4/26/2023	Dry						
	8/9/2023	Dry						

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

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TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 8D
OUTFALLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Calcium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		**Dissolved Metals - NMAC 20.6.2**													
Screening Levels		**0.01**	**2.0**	**-**	**1**	**1**	**0.015**	**-**	**0.2**	**-**	**0.05**	**0.05**	**-**	**0.03**	**10**
East Outfall #2	8/3/2020	0.00083900 J	**0.040**	**100**	<0.0029	<0.0080	<0.00050	**21**	**0.00053 J**	**1.7**	**0.0021855**	**0.0019 J**	**93**	**0.0039852**	**0.032**
	4/27/2021	**0.0011**	**0.049**	**95**	**0.0017**	<0.020	<0.00050	**21**	<0.0020	**1.8**	**0.0047**	<0.0050	**82**	**0.0038**	<0.010
	4/26/2023	Dry													
	8/9/2023	Dry													
East Outfall #3	8/3/2020	**0.00074554 J**	**0.035**	**73**	<0.0029	<0.0080	<0.00050	**16**	**0.0020**	**1.7**	**0.0017582**	**0.0018**	**74**	**0.0025832**	**0.064**
	4/26/2023	Dry													
	8/9/2023	Dry													

Notes:

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Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

-- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

TABLE 9A
SEEPS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)
Screening Source		**NMAC 20.6.2**				
Screening Levels		**5**	**1,000**	**700**	**620**	**100**
Seep #1	4/26/2023	Dry				
	8/24/2023	Dry				
Seep #2	4/26/2023	Dry				
	8/24/2023	Dry				
Seep #3	4/26/2023	Dry				
	8/24/2023	Dry				
Seep #5	4/26/2023	Dry				
	8/24/2023	Dry				

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TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 9B
SEEPS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		**Anions - NMAC 20.6.2**									
Screening Levels		**1.6**	**250**	**1.0**	**-**	**10**	**-**	**600**	**-**	**-**	**-**
Seep #1	4/26/2023	Dry									
	8/24/2023	Dry									
Seep #2	4/26/2023	Dry									
	8/24/2023	Dry									
Seep #3	4/26/2023	Dry									
	8/24/2023	Dry									
Seep #5	4/26/2023	Dry									
	8/24/2023	Dry									

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

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mg/L = Milligrams per liter

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TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 10A
SAN JUAN RIVER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)
Screening Source		**NMAC 20.6.2**			
Screening Levels		**5**	**1,000**	**700**	**620**
Upstream	Aug-20	<0.23	<0.20	<0.21	<0.55
	Aug-21	<1.0	<1.0	<1.0	<1.5
	4/14/2022	<1.0	<1.0	<1.0	<1.5
	8/9/2022	<1.0	<1.0	<1.0	<1.5
	4/28/2023	<1.0	<1.0	<1.0	<1.5
	8/25/2023	<1.0	<1.0	<1.0	<1.5
North of MW-45	Aug-20	<0.23	<0.20	<0.21	<0.55
	Apr-21	<1.0	<1.0	<1.0	<1.5
	Aug-21	<1.0	<1.0	<1.0	<1.5
	4/14/2022	<1.0	<1.0	<1.0	<1.5
	8/3/2022	<1.0	<1.0	<1.0	<1.5
	4/28/2023	<1.0	<1.0	<1.0	<1.5
	8/23/2023	<1.0	<1.0	<1.0	<1.5
North of MW-46	Aug-20	<0.23	<0.20	<0.21	<0.55
	Apr-21	<1.0	<1.0	<1.0	<1.5
	Aug-21	<1.0	<1.0	<1.0	<1.5
	4/14/2022	<1.0	<1.0	<1.0	<1.5
	8/4/2022	<1.0	<1.0	<1.0	<1.5
	4/28/2023	<1.0	<1.0	<1.0	<1.5
	8/25/2023	<1.0	<1.0	<1.0	<1.5
Downstream	Aug-20	<0.23	<0.20	<0.21	<0.55
	Apr-21	<1.0	<1.0	<1.0	<1.5
	Aug-21	<1.0	<1.0	<1.0	<1.5
	4/14/2022	<1.0	<1.0	<1.0	<1.5
	8/4/2022	<1.0	<1.0	<1.0	<1.5
	4/28/2023	<1.0	<1.0	<1.0	<1.5
	8/25/2023	<1.0	<1.0	<1.0	<1.5

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

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TABLE 10A
SAN JUAN RIVER ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes, Total (µg/L)
Screening Source		NMAC 20.6.2			
Screening Levels		5	1,000	700	620

µg/L = micrograms per liter
J = Result is estimated
mg/L = Milligrams per liter
NMED = Mew Mexico Environment Department
NMAC = New Mexico Administrative Code
NA = Not applicable/No screening level for specific analyte
EPA = Environmental Protection Agency
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics
WQCC = Water Quality Control Commission

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TABLE 10B
SAN JUAN RIVER ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0	0	0
Upstream	Aug-20	<0.067	<0.0080	<0.60
	Aug-21	<1.0	<0.050	---
	4/14/2022	**0**	<0.050	<0.080
	8/9/2022	**0.040 J**	<0.10	<0.080
	4/28/2023	<1.0	<0.050	<5.0
	8/9/2023	<1.0	<0.050	<5.0
North of MW-45	Aug-20	<0.067	< 0.0080	<0.60
	Apr-21	<1.0	<0.085	<0.60
	Aug-21	<1.0	<0.050	---
	4/14/2022	**0.033 J**	<0.050	<0.080
	8/3/2022	**0.031 J**	<0.050	<0.080
	4/28/2023	<1.0	<0.050	<5.0
	8/23/2023	<1.0	<0.050	<5.0
North of MW-46	Aug-20	<0.067	<0.0080	<0.60
	Apr-21	**0.087**	<0.085	<0.60
	Aug-21	<1.0	<0.050	---
	4/14/2022	**0.027 J**	<0.050	<0.080
	8/4/2022	**0.023 J**	<0.050	<0.080
	4/28/2023	<1.0	<0.050	<5.0
	8/25/2023	<1.0	<0.050	<5.0
Downstream	Aug-20	<0.067	< 0.0080	<0.60
	Apr-21	<0.091	<0.050	<0.64
	Aug-21	<1.0	<0.050	---
	4/14/2022	**0.026 J**	<0.050	<0.080
	8/4/2022	**0.058 J**	<0.050	<0.080
	4/28/2023	<1.0	<0.050	<5.0
	8/25/2023	<1.0	<0.050	<5.0

Notes:

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= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

TABLE 10B
SAN JUAN RIVER ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		NMED Soil Screening Guidance Table 6-4		
Screening Levels		0	0	0

--- = Specific analyte not sampled
µg/L = micrograms per liter
J = Result is estimated
mg/L = Milligrams per liter
NMED = Mew Mexico Environment Department
NMAC = New Mexico Administrative Code
NA = Not applicable/No screening level for specific analyte
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TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
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TABLE 10C
SAN JUAN RIVER ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2								
Screening Levels		2	250	1	-	10	-	600	-	-
Upstream	4/19/2023	**<1.0**	**5.4**	<1.0	<1.0	<1.0	<0.50	**92**	**87 H**	**95.56**
	Aug-20	<0.22	**2.9**	<0.070	<0.25	<0.10	<1.2	**49**	<1.0 H	**80.60**
	Aug-21	<0.50	**3.3**	<1.0	<0.50	<1.0	<2.5	**47**	---	**84.36**
	4/14/2022	<0.50	**3.6**	---	<0.50	---	<2.5 H	**64**	---	**84.68**
	8/9/2022	**0.42 J**	**4.1**	<0.50	<0.50	**0.16 J**	<2.5	**130**	---	**107.6**
	4/28/2023	<0.50	**4.0**	<0.50 H	<0.50	<0.50 H	<2.5 H	**69**	---	**92.80**
	8/9/2023	<0.50	**3.8**	<1.0	<0.50	<1.0	<2.5 H	**69**	---	**89.52**
North of MW-45	Aug-20	<0.22	**3.0**	<0.070	<0.25	<0.10	<1.2	**50**	<1.0 H	**81.08**
	Apr-21	**0.18**	**3.0**	<0.10	<0.10	<0.10	<0.50	**55**	---	**86.56**
	Aug-21	<0.50	**3.4**	<1.0	<0.50	<1.0	<2.5	**48**	---	**84.20**
	4/14/2022	<0.50	**3.6**	---	<0.50	---	<2.5 H	**63**	---	**85.04**
	8/3/2022	<0.50	**3.7**	<0.50	<0.50	<0.50	<2.5	**72**	**87**	**95.24**
	4/28/2023	<0.50	**4.0**	<0.50 H	<0.50	0.76 H	<2.5 H	**69**	---	**90.32**
	8/23/2023	<0.50	**3.6**	<0.50	<0.50	<0.50	<2.5 H	**47**	---	**86.92**
North of MW-46	Aug-20	<0.22	**3.0**	<0.070	<0.25	<0.10	<1.2	**50**	<1.0 H	**81.36**
	Apr-21	---	---	<0.50	---	<0.50	---	---	---	**85.68**
	Aug-21	<0.50	**3.5**	<1.0	<0.50	<1.0	<2.5	**45**	---	**85.12**
	4/14/2022	<0.50	**4.7**	---	<0.50	---	<2.5 H	**70**	---	**86.60**
	8/4/2022	<0.50 H	**3.6**	---	<0.50	---	<2.5 H	**73**	---	**95.72**
	4/28/2023	<0.50	**4.1**	<0.50 H	<0.50	<0.50 H	<2.5 H	**75**	---	**94.68**
	8/25/2023	<0.50	**3.8**	<0.50	<0.50	<0.50	<2.5 H	**70**	---	**88.44**

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TABLE 10C
SAN JUAN RIVER ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)
Screening Source		**Anions - NMAC 20.6.2**								
Screening Levels		**2**	**250**	**1**	**-**	**10**	**-**	**600**	**-**	**-**
Downstream	Aug-20	<0.22	**2.9**	<0.070	<0.25	<0.10	<1.2	**51**	<1.0 H	**81.52**
	Apr-21	---	---	<0.10	---	<0.10	---	---	---	**93.48**
	Aug-21	<0.50	**3.3**	<1.0	<0.50	<1.0	<2.5	**45**	---	**86.12**
	4/14/2022	<0.50	**4.5**	---	<0.50	---	<2.5 H	**96**	---	**89.72**
	8/4/2022	**0.33 J**	**3.7**	---	<0.50	---	<2.5 H	**74**	---	**95.84**
	4/28/2023	<0.50	**4.2**	<0.50 H	<0.50	<0.50 H	<2.5 H	**73**	---	**95.00**
	8/25/2023	<0.50	**3.8**	<0.50	<0.50	<0.50	<2.5 H	**68**	---	**89.00**

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mg/L = Milligrams per liter

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TABLE 10D
SAN JUAN RIVER ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
Upstream	Aug-20	**0.0017**	**0.13**	<0.00090	**0.0055 J**	**0.0036**	**0.00094 J**	<0.0013	**0.00027**
	Aug-21	<0.0050	**0.17**	<0.0020	<0.0060	**0.0030**	<0.0050	<0.0050	<0.00020
	4/14/2022	**0.0012**	**0.082**	<0.0020	<0.0060	<0.00050	**0.00073 J**	<0.0050	<0.00020
	8/9/2022	**0.014**	**3.3**	<0.0020	**0.19**	**0.15**	**0.026**	<0.0050	**0.00039**
	4/28/2023	**0.0016**	**0.092**	<0.0020	<0.0060	**0.0010**	<0.0010	<0.0050	<0.00020
	8/25/2023	**0.0085**	**0.32**	<0.0020	**0.026**	**0.020**	**0.0045**	<0.0050	<0.00020
North of MW-45	Aug-20	**0.0013**	**0.10**	<0.00090	**0.0025 J**	**0.0019**	**0.00079 J**	<0.0013	<0.00012
	Apr-21	<0.0010	**0.07**	<0.0020	<0.0060	<0.00050	<0.0010	<0.0050	<0.00020
	Aug-21	<0.0050	**0.14**	<0.0020	<0.0060	<0.0025	<0.0050	<0.0050	<0.00020
	4/14/2022	**0.0012**	**0.074**	<0.0020	<0.0060	**0.00063**	**0.00053 J**	<0.0050	<0.00020
	8/3/2022	**0.0037**	**0.22**	<0.0020	**0.0086**	**0.0068**	**0.0024**	<0.0050	**0.00010 J**
	4/28/2023	**0.0016**	**0.097**	<0.0020	<0.0060	**0.0013**	<0.0010	<0.0050	<0.00020
	8/23/2023	**0.0012**	**0.078**	<0.0020	<0.0060	<0.0010	<0.0010	<0.0050	<0.00020
North of MW-46	Aug-20	**0.0010**	**0.077**	<0.00090	<0.0014	**0.00098 J**	**0.00067 J**	<0.0013	<0.00012
	Apr-21	<0.0010	**0.076**	<0.0020	<0.0060	<0.00050	<0.0010	<0.0050	<0.00020
	Aug-21	**0.0034**	**0.26**	<0.0020	<0.0060	**0.0083**	**0.0028**	<0.0050	<0.00020
	4/14/2022	**0.0011**	**0.074**	<0.0020	<0.0060	**0.00062**	**0.00050 J**	<0.0050	<0.0020
	8/4/2022	**0.0043**	**0.25**	<0.0020	**0.010**	**0.0080**	**0.0021**	<0.0050	**0.000098 J**
	4/28/2023	**0.0018**	**0.12**	<0.0020	<0.0060	**0.0023**	**0.0010**	<0.0050	<0.00020
	8/25/2023	**0.0074**	**0.29**	<0.0020	**0.023**	**0.018**	**0.0039**	<0.0050	<0.00020

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TABLE 10D
SAN JUAN RIVER ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
Downstream	Aug-20	**0.0011**	**0.075**	<0.00090	**0.0016 J**	**0.0010**	**0.00066 J**	<0.0013	<0.00012
	Apr-21	<0.0010	**0.072**	<0.0020	<0.0060	<0.00050	<0.0010	<0.0050	<0.00020
	Aug-21	**0.0021**	**0.15**	<0.0020	<0.0060	**0.0037**	**0.0012**	<0.0050	<0.00020
	4/14/2022	**0.0013**	**0.083**	<0.0020	<0.0060	**0.0009**	**0.00065 J**	<0.0050	<0.00020
	8/4/2022	**0.0047**	**0.26**	<0.0020	**0.012**	**0.0084**	**0.0016**	<0.0050	**0.000093 J**
	4/28/2023	**0.0019**	**0.12**	<0.0020	<0.0060	**0.0024**	<0.0010	<0.0050	<0.00020
	8/25/2023	**0.0092**	**0.36**	<0.0020	**0.024**	**0.021**	**0.0042**	<0.0050	<0.00020

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

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TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

WQCC = Water Quality Control Commission

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TABLE 10E
SAN JUAN RIVER ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		0.01	2.0	0.005	-	0.05	1.0	1.0	0.015	-	0.2	-	0.05	0.05	-	0.03	10.0
Upstream	Aug-20	**0.00063 J**	**0.063**	<0.00037	**32**	<0.0012	<0.0029	**0.014 J**	<0.00050	**5.4**	**0.23**	**1.7**	<0.00050	<0.0016	**17**	**0.00050335 J**	**0.019 J**
	Aug-21	<0.020	**0.069**	<0.0020	**32**	<0.0060	<0.020	<0.020	<0.010	**5.2**	**0.0060**	**2.0**	<0.020	<0.0050	**15**	<0.010	**0.039**
	4/14/2022	**0.00093 J**	**0.069**	<0.0020	**36**	<0.0060	**0.00089 J**	<0.020	<0.00050	**6.1**	**0.013**	**2.1**	<0.0010	<0.0050	**23**	---	**0.016**
	8/9/2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	4/28/2023	---	**0.069**	<0.0010	---	<1.0	<0.0010	**0.015**	---	---	**0.0047**	---	---	<1.0	---	---	**0.0014**
	8/25/2023	<0.010	**0.078**	<0.0020	**41**	<0.0060	<0.010	**1.9**	<0.010	**5.7**	**0.080**	**2.6**	<0.010	<0.0050	**22**	<0.010	**0.026**
North of MW-45	Aug-20	**0.00062191 J**	**0.060**	<0.00037	**32**	<0.0012	<0.0029	**0.011 J**	<0.00050	**5.4**	**0.017**	**1.7**	<0.00050	<0.0016	**18**	**0.00051134 J**	**0.020 J**
	Apr-21	<0.0010	**0.065**	<0.0020	**31**	<0.0060	<0.0010	<0.020	<0.00050	**5.6**	**0.02**	**1.9**	<0.0010	<0.0050	**20**	**0.00051**	<0.010
	Aug-21	<0.020	**0.063**	<0.0020	**32**	<0.0060	<0.020	<0.020	<0.010	**5.2**	**0.0059**	**1.8**	<0.020	<0.0050	**16**	<0.010	**0.020**
	4/14/2022	**0.00092 J**	**0.067**	<0.0020	**37**	<0.0060	0.022	<0.020	<0.00050	**6.2**	**0.012**	**2.1**	**0.00054 J**	<0.0050	**23**	---	**0.016**
	8/3/2022	**0.0013**	**0.071**	<0.0020	**38**	<0.0060	**0.0012**	**0.015 J**	<0.00050	**5.4**	**0.0053**	**2.1**	<0.0010	<0.0050	**25**	**0.00080**	**0.0052 J**
	4/28/2023	--	**0.070**	<0.0010	--	<1.0	<0.0010	**0.056**	--	--	**0.0052**	--	--	<1.0	--	--	**0.0072**
	8/23/2023	<0.010	**0.071**	<0.0020	**32**	<0.0060	<0.010	<0.020	<0.010	**5.7**	**0.0068**	**2.0**	<0.010	<0.0050	**18**	<0.010	**0.18**
North of MW-46	Aug-20	**0.00064530 J**	**0.062**	<0.00037	**32**	<0.0012	<0.0029	**0.0093 J**	<0.00050	**5.4**	**0.021**	**1.7**	<0.00050	<0.0016	**18**	**0.00051896 J**	**0.035**
	Apr-21	<0.0010	**0.066**	<0.0020	**33**	<0.0060	<0.0010	<0.020	<0.00050	**5.8**	**0.053**	**1.8**	<0.0010	<0.0050	**22**	<0.00050	<0.010
	Aug-21	<0.0050	**0.063**	<0.0020	**31**	<0.0060	<0.0050	**0.021**	<0.0025	**5.1**	**0.0069**	**2.0**	<0.0050	<0.0050	**16**	--	**0.020**
	4/14/2022	**0.00082 J**	**0.069**	<0.0020	**39**	<0.0060	**0.0012**	<0.020	<0.00050	**6.4**	**0.029**	**2.1**	**0.00051 J**	<0.0050	**24**	--	**0.016**
	8/4/2022	**0.0013**	**0.080**	<0.0020	**39**	<0.0060	**0.0014**	**0.25**	**0.00029 J**	**5.8**	**0.018**	**2.4**	**0.00049 J**	<0.0050	**25**	**0.00082**	**0.0075 J**
	4/28/2023	--	**0.069**	<0.0010	--	<1.0	<0.0010	**0.013**	--	--	**0.015**	--	--	<1.0	--	--	**0.0046**
	8/25/2023	<0.010	**0.062**	<0.0020	**41**	<0.0060	<0.010	**0.39**	<0.010	**5.4**	**0.022**	**2.6**	<0.010	<0.0050	**23**	<0.010	<0.020
Downstream	Aug-20	**0.00064964 J**	**0.061**	<0.00037	**32**	<0.0012	**0.0034 J**	**0.011 J**	<0.00050	**5.4**	**0.021**	**1.7**	<0.00050	<0.0016	**18**	**0.00052525 J**	**0.033**
	Apr-21	<0.0010	**0.066**	<0.0020	**41**	<0.0060	<0.0010	**0.026**	<0.00050	**7.0**	**0.033**	**2.1**	<0.0010	<0.0050	**35**	**0.0008**	<0.010
	Aug-21	<0.0050	**0.063**	<0.0020	**33**	<0.0060	<0.0050	<0.020	<0.0025	**5.4**	**0.018**	**1.9**	<0.0050	<0.0050	**17**	---	**0.018**
	4/14/2022	**0.00081 J**	**0.069**	<0.0020	**44**	<0.0060	**0.00088 J**	<0.020	**0.000097 J**	**7.0**	**0.0370**	**2.2**	**0.00060 J**	<0.0050	**33**	--	**0.011**
	8/4/2022	**0.0012**	**0.076**	<0.0020	**38**	<0.0060	**0.0012**	**0.22**	0.00023 J	**5.4**	**0.020**	**2.2**	**0.00046 J**	<0.0050	**25**	**0.00079**	**0.013**
	4/28/2023	--	**0.070**	<0.0010	--	<1.0	<0.0010	**0.016**	--	--	**0.016**	--	--	<1.0	--	--	**0.022**
	8/25/2023	<0.010	**0.054**	<0.0020	**40**	<0.0060	<0.010	**0.078**	<0.010	**5.3**	**0.012**	**2.6**	<0.010	<0.0050	**21**	<0.010	**0.13**

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

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TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

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WQCC = Water Quality Control Commission

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TABLE 11A
BACKGROUND WELLS ANALYTICAL SUMMARY - VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes, Total (µg/L)	Methyl tert-butyl ether (MTBE) (µg/L)	1-Methyl-naphthalene (µg/L)	2-Methyl-naphthalene (µg/L)	Naphthalene (µg/L)	Acetone (µg/L)	Isopropyl-benzene (µg/L)	1,2,4-Trimethyl-benzene (µg/L)	1,3,5-Trimethyl-benzene (µg/L)	4-Isopropyl-toluene (µg/L)	n-Butyl-benzene (µg/L)	n-Propyl-benzene (µg/L)	sec-Butyl-benzene (µg/L)	tert-Butyl-benzene (µg/L)
Screening Source		NMAC 20.6.2					NMED Soil Screening Guidance Table A-1 (Tap Water)					VOCs - EPA RSL Tap Water THQ = 0.1						
Screening Levels		5	1,000	700	620	100	11	35	1	14,100	447	5.6	6.0	-	100	66	200	69
MW-BCK1	11/8/2023	<1.0	<1.0	<1.0	< 1.5	<1.0	< 4.0	< 4.0	<2.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	<3.0	< 1.0	< 1.0	< 1.0
MW-BCK2	11/8/2023	<1.0	<1.0	<1.0	< 1.5	<1.0	< 4.0	< 4.0	<2.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	<3.0	< 1.0	< 1.0	< 1.0

Notes:

Analytical result exceeds the respective screening level.

Field duplicate sample collected

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

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--- = Specific analyte not sampled

µg/L = micrograms per liter

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mg/L = Miligrams per liter

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WQCC = Water Quality Control Commission

FPP = Free Product Present

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TABLE 11B
BACKGROUND WELLS ANALYTICAL SUMMARY - TOTAL PETROLEUM HYDROCARBONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Diesel Range Organics (mg/L)	Gasoline Range Organics (mg/L)	Motor Oil Range Organics (mg/L)
Screening Source		**NMED Soil Screening Guidance Table 6-4**		
Screening Levels		**0.0167**	**0.0101**	**0.0858**
MW-BCK1	11/8/2023	<1.0	<0.050	<5.0
MW-BCK1	11/8/2023	<1.0	<0.050	<5.0

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

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TABLE 11C
BACKGROUND WELLS ANALYTICAL SUMMARY - SEMI-VOLATILE ORGANIC COMPOUNDS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	1-Methyl-naphthalene (µg/L)	2,4-Dimethyl-phenol (µg/L)	2-Methyl-naphthalene (µg/L)	3+4-Methylphenol (µg/L)	4,6-Dinitro-2-methylphenol (µg/L)	Benzoic Acid (µg/L)	Bis(2- ethylhexyl)-phthalate (µg/L)	Butyl benzyl phthalate (µg/L)	Di-n-octyl phthalate (µg/L)	Fluorene (µg/L)	Naphthalene (µg/L)	Phenol (µg/L)	Pyridine (µg/L)
Screening Source		SVOCs - EPA RSL Tap Water THQ = 0.1												
Screening Levels		11.4	36	35.1	93	0.15	7,500	5.6	16	-	29	1.17	580	2
MW-BCK1	11/8/2023	<5.0	<10	<5.0	< 10	<10	< 20	< 10	< 10	< 10	<5.0	<5.0	< 10	<40
MW-BCK2	11/8/2023	< 10	< 10	< 10	< 10	< 20	< 20	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

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TPH-MRO = Total Petroleum Hydrocarbons - Motor Oil Range Organics

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FPP = Free Product Present

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TABLE 11D
BACKGROUND WELLS ANALYTICAL SUMMARY - ANIONS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Fluoride (mg/L)	Chloride (mg/L)	Nitrite (mg/L)	Bromide (mg/L)	Nitrate (mg/L)	Phosphorus (mg/L)	Sulfate (mg/L)	Carbon Dioxide (CO_2) (mg/L)	Alkalinity ($CaCO_3$) (mg/L)	Bicarbonate ($CaCO_3$) (mg/L)
Screening Source		Anions - NMAC 20.6.2									
Screening Levels		2	250	1	-	10	-	600	-	-	-
MW-BCK1	11/8/2023	---	---	---	---	---	---	---	---	---	---
MW-BCK2	11/8/2023	---	---	---	---	---	---	---	---	---	---

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

H = Holding time exceeded

mg/L = Milligrams per liter

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WQCC = Water Quality Control Commission

* = Value exceeds Maximum Contaminant Level

FPP = Free Product Present

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TABLE 11E
BACKGROUND WELLS ANALYTICAL SUMMARY - TOTAL METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Selenium (mg/L)	Silver (mg/L)	Mercury (mg/L)
Screening Source		Total Metals - NMAC 20.6.2							
Screening Levels		0.01	2.0	0.005	0.05	0.015	0.05	0.05	0.002
MW-BCK1	11/8/2023	<0.0030	**0.098**	<0.0020	**0.0084**	**0.0060**	**0.0035**	**0.0099**	<0.00020
MW-BCK2	11/8/2023	<0.0050	**0.021**	<0.0020	<0.0060	<0.0050	<0.0050	**0.010**	<0.00020

Notes:

= Analytical results exceeds the respective screening level

= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

< = Result is below laboratory method detection limit

--- = Specific analyte not sampled

µg/L = micrograms per liter

J = Result is estimated

mg/L = Milligrams per liter

NMED = Mew Mexico Environment Department

NMAC = New Mexico Administrative Code

NA = Not applicable/No screening level for specific analyte

EPA = Environmental Protection Agency

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TABLE 11F
BACKGROUND WELLS ANALYTICAL SUMMARY - DISSOLVED METALS
Bloomfield Terminal 2023 Annual Report
Western Refining Southwest LLC
San Juan County, New Mexico

Sample Location	Sample Date	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silver (mg/L)	Sodium (mg/L)	Uranium (mg/L)	Zinc (mg/L)
Screening Source		Dissolved Metals - NMAC 20.6.2															
Screening Levels		0.01	2.0	0.005	-	0.05	1.0	1.0	0.015	-	0.2	-	0.05	0.05	-	0.03	10.0
MW-BCK1	11/8/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-BCK2	11/8/2023	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Notes:

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= Field Duplicate sample

Bold = Detected at concentration above reporting limit

Red = Laboratory reporting limit exceeds screening level

MW = Monitoring Well

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— = Specific analyte not sampled

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J = Result is estimated

mg/L = Milligrams per liter

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ATTACHMENTS

ATTACHMENT A

Continuous Monitoring Operating Data Logs

Injection Well Operational Log

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/1/23 0:00	0	35	536	210003
1/1/23 0:30	0	35	536	210003
1/1/23 1:00	0	35	536	210003
1/1/23 1:30	0	35	536	210003
1/1/23 2:00	0	35	536	210003
1/1/23 2:30	0	35	536	210003
1/1/23 3:00	0	35	536	210003
1/1/23 3:30	0	35	536	210003
1/1/23 4:00	0	35	536	210003
1/1/23 4:30	0	35	536	210003
1/1/23 5:00	0	35	536	210003
1/1/23 5:30	0	35	536	210003
1/1/23 6:00	0	35	536	210003
1/1/23 6:30	0	35	536	210003
1/1/23 7:00	0	35	536	210003
1/1/23 7:30	0	35	536	210003
1/1/23 8:00	0	35	536	210003
1/1/23 8:30	0	35	536	210003
1/1/23 9:00	0	35	536	210003
1/1/23 9:30	0	35	536	210003
1/1/23 10:00	0	35	536	210003
1/1/23 10:30	0	35	536	210003
1/1/23 11:00	0	35	536	210003
1/1/23 11:30	0	35	536	210003
1/1/23 12:00	0	35	536	210003
1/1/23 12:30	0	35	536	210003
1/1/23 13:00	0	35	536	210003
1/1/23 13:30	0	35	535	210003
1/1/23 14:00	0	35	536	210003
1/1/23 14:30	0	35	535	210003
1/1/23 15:00	0	36	535	210003
1/1/23 15:30	0	36	535	210003
1/1/23 16:00	0	36	535	210003
1/1/23 16:30	0	36	535	210003
1/1/23 17:00	0	36	535	210003
1/1/23 17:30	0	36	535	210003
1/1/23 18:00	0	36	535	210003
1/1/23 18:30	0	36	535	210003
1/1/23 19:00	0	36	535	210003
1/1/23 19:30	0	36	535	210003
1/1/23 20:00	0	36	535	210003
1/1/23 20:30	0	36	535	210003
1/1/23 21:00	0	36	535	210003
1/1/23 21:30	0	36	535	210003
1/1/23 22:00	0	36	535	210003
1/1/23 22:30	0	36	535	210003
1/1/23 23:00	0	36	535	210003
1/1/23 23:30	0	36	535	210003
1/2/23 0:00	0	36	535	210003
1/2/23 0:30	0	36	535	#VALUE!
1/2/23 1:00	0	36	535	210003
1/2/23 1:30	0	36	535	210003
1/2/23 2:00	0	36	534	210003
1/2/23 2:30	0	36	534	210003
1/2/23 3:00	0	36	534	210003
1/2/23 3:30	0	36	534	210003
1/2/23 4:00	0	36	534	210003
1/2/23 4:30	0	36	534	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/2/23 5:00	0	36	534	210003
1/2/23 5:30	0	36	534	210003
1/2/23 6:00	0	36	534	210003
1/2/23 6:30	0	36	534	210003
1/2/23 7:00	0	36	534	210003
1/2/23 7:30	0	36	534	210003
1/2/23 8:00	0	36	534	210003
1/2/23 8:30	0	36	534	210003
1/2/23 9:00	0	36	534	210003
1/2/23 9:30	0	36	534	210003
1/2/23 10:00	0	36	534	210003
1/2/23 10:30	0	36	534	210003
1/2/23 11:00	0	36	534	210003
1/2/23 11:30	0	36	534	210003
1/2/23 12:00	0	36	534	210003
1/2/23 12:30	0	36	534	210003
1/2/23 13:00	0	36	534	210003
1/2/23 13:30	0	37	534	210003
1/2/23 14:00	0	37	534	210003
1/2/23 14:30	0	37	534	210003
1/2/23 15:00	0	37	534	210003
1/2/23 15:30	0	37	533	210003
1/2/23 16:00	0	37	534	210003
1/2/23 16:30	0	37	534	210003
1/2/23 17:00	0	37	534	210003
1/2/23 17:30	0	37	533	210003
1/2/23 18:00	0	37	533	210003
1/2/23 18:30	0	37	533	210003
1/2/23 19:00	0	37	533	210003
1/2/23 19:30	0	37	533	210003
1/2/23 20:00	0	37	533	210003
1/2/23 20:30	0	37	533	210003
1/2/23 21:00	0	37	533	210003
1/2/23 21:30	0	37	533	210003
1/2/23 22:00	0	37	533	210003
1/2/23 22:30	0	37	533	210003
1/2/23 23:00	0	37	533	210003
1/2/23 23:30	0	37	533	210003
1/3/23 0:00	0	37	533	210003
1/3/23 0:30	0	37	533	210003
1/3/23 1:00	0	37	533	210003
1/3/23 1:30	0	37	533	210003
1/3/23 2:00	0	37	533	210003
1/3/23 2:30	0	37	533	210003
1/3/23 3:00	0	37	533	210003
1/3/23 3:30	0	37	533	210003
1/3/23 4:00	0	37	533	210003
1/3/23 4:30	0	37	533	210003
1/3/23 5:00	0	37	533	210003
1/3/23 5:30	0	37	533	210003
1/3/23 6:00	0	37	533	210003
1/3/23 6:30	0	37	533	210003
1/3/23 7:00	0	37	533	210003
1/3/23 7:30	0	37	532	210003
1/3/23 8:00	0	37	532	210003
1/3/23 8:30	0	37	532	210003
1/3/23 9:00	0	37	532	210003
1/3/23 9:30	0	37	532	210003
1/3/23 10:00	0	37	532	210003
1/3/23 10:30	0	38	532	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/3/23 11:00	0	38	532	210003
1/3/23 11:30	0	37	533	210003
1/3/23 12:00	0	38	532	210003
1/3/23 12:30	0	38	532	210003
1/3/23 13:00	0	38	532	210003
1/3/23 13:30	0	38	532	210003
1/3/23 14:00	0	38	532	210003
1/3/23 14:30	0	38	532	210003
1/3/23 15:00	0	38	532	210003
1/3/23 15:30	0	38	532	210003
1/3/23 16:00	0	38	532	210003
1/3/23 16:30	0	38	532	210003
1/3/23 17:00	0	38	532	210003
1/3/23 17:30	0	38	532	210003
1/3/23 18:00	0	38	532	210003
1/3/23 18:30	0	38	532	210003
1/3/23 19:00	0	38	532	210003
1/3/23 19:30	0	38	532	210003
1/3/23 20:00	0	38	532	210003
1/3/23 20:30	0	38	532	210003
1/3/23 21:00	0	38	532	210003
1/3/23 21:30	0	38	532	210003
1/3/23 22:00	0	38	532	210003
1/3/23 22:30	0	38	531	210003
1/3/23 23:00	0	38	531	210003
1/3/23 23:30	0	38	531	210003
1/4/23 0:00	0	38	531	210003
1/4/23 0:30	0	38	531	210003
1/4/23 1:00	0	38	531	210003
1/4/23 1:30	0	38	531	210003
1/4/23 2:00	0	38	531	210003
1/4/23 2:30	0	38	531	210003
1/4/23 3:00	0	38	531	210003
1/4/23 3:30	0	38	531	210003
1/4/23 4:00	0	38	531	210003
1/4/23 4:30	0	38	531	210003
1/4/23 5:00	0	38	531	210003
1/4/23 5:30	0	38	531	210003
1/4/23 6:00	0	38	531	210003
1/4/23 6:30	0	38	531	210003
1/4/23 7:00	0	38	531	210003
1/4/23 7:30	0	38	531	210003
1/4/23 8:00	0	38	531	210003
1/4/23 8:30	0	38	531	210003
1/4/23 9:00	0	38	531	210003
1/4/23 9:30	0	38	531	210003
1/4/23 10:00	0	38	531	210003
1/4/23 10:30	0	39	531	210003
1/4/23 11:00	0	39	531	210003
1/4/23 11:30	0	39	531	210003
1/4/23 12:00	0	39	531	210003
1/4/23 12:30	0	39	531	210003
1/4/23 13:00	0	39	531	210003
1/4/23 13:30	0	39	531	210003
1/4/23 14:00	0	39	530	210003
1/4/23 14:30	0	39	531	210003
1/4/23 15:00	0	39	530	210003
1/4/23 15:30	0	39	530	210003
1/4/23 16:00	0	39	530	210003
1/4/23 16:30	0	39	530	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/4/23 17:00	0	39	530	210003
1/4/23 17:30	0	39	530	210003
1/4/23 18:00	0	39	530	210003
1/4/23 18:30	0	39	530	210003
1/4/23 19:00	0	39	530	210003
1/4/23 19:30	0	39	530	210003
1/4/23 20:00	0	39	530	210003
1/4/23 20:30	0	39	530	210003
1/4/23 21:00	0	39	530	210003
1/4/23 21:30	0	39	530	210003
1/4/23 22:00	0	39	530	210003
1/4/23 22:30	0	39	530	210003
1/4/23 23:00	0	39	530	210003
1/4/23 23:30	0	39	530	210003
1/5/23 0:00	0	39	530	210003
1/5/23 0:30	0	39	530	210003
1/5/23 1:00	0	39	530	210003
1/5/23 1:30	0	39	530	210003
1/5/23 2:00	0	39	530	210003
1/5/23 2:30	0	39	530	210003
1/5/23 3:00	0	39	530	210003
1/5/23 3:30	0	39	530	210003
1/5/23 4:00	0	39	530	210003
1/5/23 4:30	0	39	530	210003
1/5/23 5:00	0	39	530	210003
1/5/23 5:30	0	39	530	210003
1/5/23 6:00	0	39	529	210003
1/5/23 6:30	0	39	529	210003
1/5/23 7:00	0	39	529	210003
1/5/23 7:30	0	39	529	210003
1/5/23 8:00	0	39	529	210003
1/5/23 8:30	0	39	529	210003
1/5/23 9:00	0	39	529	210003
1/5/23 9:30	0	39	529	210003
1/5/23 10:00	0	39	529	210003
1/5/23 10:30	0	39	529	210003
1/5/23 11:00	0	39	530	210003
1/5/23 11:30	0	40	529	210003
1/5/23 12:00	0	40	529	210003
1/5/23 12:30	0	40	529	210003
1/5/23 13:00	0	40	529	210003
1/5/23 13:30	0	40	529	210003
1/5/23 14:00	0	40	529	210003
1/5/23 14:30	0	40	529	210003
1/5/23 15:00	0	40	529	210003
1/5/23 15:30	0	40	529	210003
1/5/23 16:00	0	40	529	210003
1/5/23 16:30	0	40	529	210003
1/5/23 17:00	0	40	529	210003
1/5/23 17:30	0	40	529	210003
1/5/23 18:00	0	40	529	210003
1/5/23 18:30	0	40	529	210003
1/5/23 19:00	0	40	529	210003
1/5/23 19:30	0	40	529	210003
1/5/23 20:00	0	40	529	210003
1/5/23 20:30	0	40	529	210003
1/5/23 21:00	0	40	529	210003
1/5/23 21:30	0	40	529	210003
1/5/23 22:00	0	40	529	210003
1/5/23 22:30	0	40	529	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/5/23 23:00	0	40	528	210003
1/5/23 23:30	0	40	528	210003
1/6/23 0:00	0	40	528	210003
1/6/23 0:30	0	40	528	210003
1/6/23 1:00	0	40	528	210003
1/6/23 1:30	0	40	528	210003
1/6/23 2:00	0	40	528	210003
1/6/23 2:30	0	40	528	210003
1/6/23 3:00	0	40	528	210003
1/6/23 3:30	0	40	528	210003
1/6/23 4:00	0	40	528	210003
1/6/23 4:30	0	40	528	210003
1/6/23 5:00	0	40	528	210003
1/6/23 5:30	0	40	528	210003
1/6/23 6:00	0	40	528	210003
1/6/23 6:30	0	40	528	210003
1/6/23 7:00	0	40	528	210003
1/6/23 7:30	0	40	528	210003
1/6/23 8:00	0	40	528	210003
1/6/23 8:30	0	40	528	210003
1/6/23 9:00	0	41	528	210003
1/6/23 9:30	0	41	528	210003
1/6/23 10:00	0	41	528	210003
1/6/23 10:30	0	41	528	210003
1/6/23 11:00	0	41	528	210003
1/6/23 11:30	0	41	528	210003
1/6/23 12:00	0	41	528	210003
1/6/23 12:30	0	41	528	210003
1/6/23 13:00	0	41	528	210003
1/6/23 13:30	0	41	528	210003
1/6/23 14:00	0	41	528	210003
1/6/23 14:30	0	41	528	210003
1/6/23 15:00	0	41	527	210003
1/6/23 15:30	0	41	528	210003
1/6/23 16:00	0	41	527	210003
1/6/23 16:30	0	41	527	210003
1/6/23 17:00	0	41	527	210003
1/6/23 17:30	0	41	528	210003
1/6/23 18:00	0	41	528	210003
1/6/23 18:30	0	41	527	210003
1/6/23 19:00	0	41	527	210003
1/6/23 19:30	0	41	527	210003
1/6/23 20:00	0	41	527	210003
1/6/23 20:30	0	41	527	210003
1/6/23 21:00	0	41	527	210003
1/6/23 21:30	0	41	527	210003
1/6/23 22:00	0	41	527	210003
1/6/23 22:30	0	41	527	210003
1/6/23 23:00	0	41	527	210003
1/6/23 23:30	0	41	527	210003
1/7/23 0:00	0	41	527	210003
1/7/23 0:30	0	41	527	210003
1/7/23 1:00	0	41	527	210003
1/7/23 1:30	0	41	527	210003
1/7/23 2:00	0	41	527	210003
1/7/23 2:30	0	41	527	210003
1/7/23 3:00	0	41	527	210003
1/7/23 3:30	0	41	527	210003
1/7/23 4:00	0	41	527	210003
1/7/23 4:30	0	41	527	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/7/23 5:00	0	41	527	210003
1/7/23 5:30	0	41	527	210003
1/7/23 6:00	0	41	527	210003
1/7/23 6:30	0	41	527	210003
1/7/23 7:00	0	41	527	210003
1/7/23 7:30	0	41	527	210003
1/7/23 8:00	0	41	527	210003
1/7/23 8:30	0	41	527	210003
1/7/23 9:00	0	41	527	210003
1/7/23 9:30	0	41	527	210003
1/7/23 10:00	0	41	527	210003
1/7/23 10:30	0	41	527	210003
1/7/23 11:00	0	41	527	210003
1/7/23 11:30	0	41	527	210003
1/7/23 12:00	0	42	527	210003
1/7/23 12:30	0	42	527	210003
1/7/23 13:00	0	42	527	210003
1/7/23 13:30	0	42	527	210003
1/7/23 14:00	0	42	527	210003
1/7/23 14:30	0	42	527	210003
1/7/23 15:00	0	42	527	210003
1/7/23 15:30	0	42	526	210003
1/7/23 16:00	0	42	526	210003
1/7/23 16:30	0	42	526	210003
1/7/23 17:00	0	42	526	210003
1/7/23 17:30	0	42	526	210003
1/7/23 18:00	0	42	526	210003
1/7/23 18:30	0	42	526	210003
1/7/23 19:00	0	42	526	210003
1/7/23 19:30	0	42	526	210003
1/7/23 20:00	0	42	526	210003
1/7/23 20:30	0	42	526	210003
1/7/23 21:00	0	42	526	210003
1/7/23 21:30	0	42	526	210003
1/7/23 22:00	0	42	526	210003
1/7/23 22:30	0	42	526	210003
1/7/23 23:00	0	42	526	210003
1/7/23 23:30	0	42	526	210003
1/8/23 0:00	0	42	526	210003
1/8/23 0:30	0	42	526	210003
1/8/23 1:00	0	42	526	210003
1/8/23 1:30	0	42	526	210003
1/8/23 2:00	0	42	526	210003
1/8/23 2:30	0	42	526	210003
1/8/23 3:00	0	42	526	210003
1/8/23 3:30	0	42	526	210003
1/8/23 4:00	0	42	526	210003
1/8/23 4:30	0	42	526	210003
1/8/23 5:00	0	42	526	210003
1/8/23 5:30	0	42	526	210003
1/8/23 6:00	0	42	525	210003
1/8/23 6:30	0	42	525	210003
1/8/23 7:00	0	42	525	210003
1/8/23 7:30	0	42	525	210003
1/8/23 8:00	0	42	525	210003
1/8/23 8:30	0	42	525	210003
1/8/23 9:00	0	42	525	210003
1/8/23 9:30	0	42	525	210003
1/8/23 10:00	0	42	525	210003
1/8/23 10:30	0	42	526	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/8/23 11:00	0	42	526	210003
1/8/23 11:30	0	42	526	210003
1/8/23 12:00	0	42	525	210003
1/8/23 12:30	0	42	525	210003
1/8/23 13:00	0	43	525	210003
1/8/23 13:30	0	43	525	210003
1/8/23 14:00	0	43	525	210003
1/8/23 14:30	0	43	525	210003
1/8/23 15:00	0	43	525	210003
1/8/23 15:30	0	43	525	210003
1/8/23 16:00	0	43	525	210003
1/8/23 16:30	0	43	525	210003
1/8/23 17:00	0	43	525	210003
1/8/23 17:30	0	43	525	210003
1/8/23 18:00	0	43	525	210003
1/8/23 18:30	0	43	525	210003
1/8/23 19:00	0	43	525	210003
1/8/23 19:30	0	43	525	210003
1/8/23 20:00	0	43	525	210003
1/8/23 20:30	0	43	525	210003
1/8/23 21:00	0	43	525	210003
1/8/23 21:30	0	43	525	210003
1/8/23 22:00	0	43	525	210003
1/8/23 22:30	0	43	525	210003
1/8/23 23:00	0	43	525	210003
1/8/23 23:30	0	43	525	210003
1/9/23 0:00	0	43	525	210003
1/9/23 0:30	0	43	524	210003
1/9/23 1:00	0	43	524	210003
1/9/23 1:30	0	43	524	210003
1/9/23 2:00	0	43	524	210003
1/9/23 2:30	0	43	524	210003
1/9/23 3:00	0	43	524	210003
1/9/23 3:30	0	43	524	210003
1/9/23 4:00	0	43	524	210003
1/9/23 4:30	0	43	524	210003
1/9/23 5:00	0	43	524	210003
1/9/23 5:30	0	43	524	210003
1/9/23 6:00	0	43	524	210003
1/9/23 6:30	0	43	524	210003
1/9/23 7:00	0	43	524	210003
1/9/23 7:30	0	43	524	210003
1/9/23 8:00	0	43	524	210003
1/9/23 8:30	0	43	524	210003
1/9/23 9:00	0	43	524	210003
1/9/23 9:30	0	43	524	210003
1/9/23 10:00	0	43	524	210003
1/9/23 10:30	0	43	524	210003
1/9/23 11:00	0	43	524	210003
1/9/23 11:30	0	43	524	210003
1/9/23 12:00	0	43	524	210003
1/9/23 12:30	0	43	524	210003
1/9/23 13:00	0	43	524	210003
1/9/23 13:30	0	43	524	210003
1/9/23 14:00	0	43	524	210003
1/9/23 14:30	0	43	524	210003
1/9/23 15:00	0	43	524	210003
1/9/23 15:30	0	44	524	210003
1/9/23 16:00	0	44	524	210003
1/9/23 16:30	0	44	524	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/9/23 17:00	0	44	523	210003
1/9/23 17:30	0	44	524	210003
1/9/23 18:00	0	44	524	210003
1/9/23 18:30	0	44	524	210003
1/9/23 19:00	0	44	524	210003
1/9/23 19:30	0	44	523	210003
1/9/23 20:00	0	44	524	210003
1/9/23 20:30	0	44	524	210003
1/9/23 21:00	0	44	523	210003
1/9/23 21:30	0	44	524	210003
1/9/23 22:00	0	44	523	210003
1/9/23 22:30	0	44	523	210003
1/9/23 23:00	0	44	523	210003
1/9/23 23:30	0	44	523	210003
1/10/23 0:00	0	44	523	210003
1/10/23 0:30	0	44	523	210003
1/10/23 1:00	0	44	523	210003
1/10/23 1:30	0	44	523	210003
1/10/23 2:00	0	44	523	210003
1/10/23 2:30	0	44	523	210003
1/10/23 3:00	0	44	523	210003
1/10/23 3:30	0	44	523	210003
1/10/23 4:00	0	44	523	210003
1/10/23 4:30	0	44	523	210003
1/10/23 5:00	0	44	523	210003
1/10/23 5:30	0	44	523	210003
1/10/23 6:00	0	44	523	210003
1/10/23 6:30	0	44	523	210003
1/10/23 7:00	0	44	523	210003
1/10/23 7:30	0	44	523	210003
1/10/23 8:00	0	44	523	210003
1/10/23 8:30	0	44	523	210003
1/10/23 9:00	0	44	523	210003
1/10/23 9:30	0	44	523	210003
1/10/23 10:00	0	44	523	210003
1/10/23 10:30	0	44	523	210003
1/10/23 11:00	0	44	523	210003
1/10/23 11:30	0	44	523	210003
1/10/23 12:00	0	44	523	210003
1/10/23 12:30	0	44	523	210003
1/10/23 13:00	0	44	523	210003
1/10/23 13:30	0	44	523	210003
1/10/23 14:00	0	44	523	210003
1/10/23 14:30	0	45	523	210003
1/10/23 15:00	0	45	523	210003
1/10/23 15:30	0	45	523	210003
1/10/23 16:00	0	45	523	210003
1/10/23 16:30	0	45	523	210003
1/10/23 17:00	0	45	522	210003
1/10/23 17:30	0	45	522	210003
1/10/23 18:00	0	45	522	210003
1/10/23 18:30	0	45	522	210003
1/10/23 19:00	0	45	522	210003
1/10/23 19:30	0	45	522	210003
1/10/23 20:00	0	45	522	210003
1/10/23 20:30	0	45	522	210003
1/10/23 21:00	0	45	522	210003
1/10/23 21:30	0	45	522	210003
1/10/23 22:00	0	45	522	210003
1/10/23 22:30	0	45	522	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/10/23 23:00	0	45	522	210003
1/10/23 23:30	0	45	523	210003
1/11/23 0:00	0	45	522	210003
1/11/23 0:30	0	45	522	210003
1/11/23 1:00	0	45	522	210003
1/11/23 1:30	0	45	522	210003
1/11/23 2:00	0	45	522	210003
1/11/23 2:30	0	45	522	210003
1/11/23 3:00	0	45	522	210003
1/11/23 3:30	0	45	522	210003
1/11/23 4:00	0	45	522	210003
1/11/23 4:30	0	45	522	210003
1/11/23 5:00	0	45	522	210003
1/11/23 5:30	0	45	522	210003
1/11/23 6:00	0	45	522	210003
1/11/23 6:30	0	45	522	210003
1/11/23 7:00	0	45	522	210003
1/11/23 7:30	0	45	522	210003
1/11/23 8:00	0	45	522	210003
1/11/23 8:30	0	45	522	210003
1/11/23 9:00	0	45	522	210003
1/11/23 9:30	0	45	522	210003
1/11/23 10:00	0	45	522	210003
1/11/23 10:30	0	45	522	210003
1/11/23 11:00	0	45	522	210003
1/11/23 11:30	0	45	522	210003
1/11/23 12:00	0	45	522	210003
1/11/23 12:30	0	45	522	210003
1/11/23 13:00	0	45	522	210003
1/11/23 13:30	0	45	522	210003
1/11/23 14:00	0	45	522	210003
1/11/23 14:30	0	45	522	210003
1/11/23 15:00	0	45	522	210003
1/11/23 15:30	0	45	522	210003
1/11/23 16:00	0	45	522	210003
1/11/23 16:30	0	45	522	210003
1/11/23 17:00	0	45	522	210003
1/11/23 17:30	0	45	521	210003
1/11/23 18:00	0	45	521	210003
1/11/23 18:30	0	45	521	210003
1/11/23 19:00	0	45	521	210003
1/11/23 19:30	0	45	521	210003
1/11/23 20:00	0	45	521	210003
1/11/23 20:30	0	45	521	210003
1/11/23 21:00	0	45	521	210003
1/11/23 21:30	0	45	521	210003
1/11/23 22:00	0	45	521	210003
1/11/23 22:30	0	45	521	210003
1/11/23 23:00	0	45	521	210003
1/11/23 23:30	0	45	521	210003
1/12/23 0:00	0	45	521	210003
1/12/23 0:30	0	45	521	210003
1/12/23 1:00	0	45	521	210003
1/12/23 1:30	0	45	521	210003
1/12/23 2:00	0	45	521	210003
1/12/23 2:30	0	45	521	210003
1/12/23 3:00	0	45	521	210003
1/12/23 3:30	0	45	521	210003
1/12/23 4:00	0	45	521	210003
1/12/23 4:30	0	45	521	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/12/23 5:00	0	45	521	210003
1/12/23 5:30	0	45	521	210003
1/12/23 6:00	0	45	521	210003
1/12/23 6:30	0	45	521	210003
1/12/23 7:00	0	45	521	210003
1/12/23 7:30	0	45	521	210003
1/12/23 8:00	0	45	521	210003
1/12/23 8:30	0	45	521	210003
1/12/23 9:00	0	45	521	210003
1/12/23 9:30	0	45	521	210003
1/12/23 10:00	0	45	521	210003
1/12/23 10:30	0	45	521	210003
1/12/23 11:00	0	45	521	210003
1/12/23 11:30	0	45	521	210003
1/12/23 12:00	0	45	521	210003
1/12/23 12:30	0	45	521	210003
1/12/23 13:00	0	45	521	210003
1/12/23 13:30	0	45	521	210003
1/12/23 14:00	0	45	521	210003
1/12/23 14:30	0	45	521	210003
1/12/23 15:00	0	46	521	210003
1/12/23 15:30	0	46	521	210003
1/12/23 16:00	0	46	521	210003
1/12/23 16:30	0	46	520	210003
1/12/23 17:00	0	46	520	210003
1/12/23 17:30	0	46	520	210003
1/12/23 18:00	0	46	520	210003
1/12/23 18:30	0	46	520	210003
1/12/23 19:00	0	46	520	210003
1/12/23 19:30	0	46	520	210003
1/12/23 20:00	0	46	520	210003
1/12/23 20:30	0	46	520	210003
1/12/23 21:00	0	46	520	210003
1/12/23 21:30	0	46	520	210003
1/12/23 22:00	0	46	520	210003
1/12/23 22:30	0	46	520	210003
1/12/23 23:00	0	46	520	210003
1/12/23 23:30	0	46	520	210003
1/13/23 0:00	0	46	520	210003
1/13/23 0:30	0	46	520	210003
1/13/23 1:00	0	46	520	210003
1/13/23 1:30	0	46	520	210003
1/13/23 2:00	0	46	520	210003
1/13/23 2:30	0	46	520	210003
1/13/23 3:00	0	46	520	210003
1/13/23 3:30	0	46	520	210003
1/13/23 4:00	0	46	520	210003
1/13/23 4:30	0	46	520	210003
1/13/23 5:00	0	46	520	210003
1/13/23 5:30	0	46	520	210003
1/13/23 6:00	0	46	520	210003
1/13/23 6:30	0	46	520	210003
1/13/23 7:00	0	46	520	210003
1/13/23 7:30	0	46	520	210003
1/13/23 8:00	0	45	520	210003
1/13/23 8:30	0	45	520	210003
1/13/23 9:00	0	45	519	210003
1/13/23 9:30	0	45	520	210003
1/13/23 10:00	0	45	520	210003
1/13/23 10:30	0	45	520	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/13/23 11:00	0	46	520	210003
1/13/23 11:30	0	46	520	210003
1/13/23 12:00	0	46	520	210003
1/13/23 12:30	0	46	520	210003
1/13/23 13:00	0	46	520	210003
1/13/23 13:30	0	46	520	210003
1/13/23 14:00	0	46	520	210003
1/13/23 14:30	0	46	520	210003
1/13/23 15:00	0	46	520	210003
1/13/23 15:30	0	46	520	210003
1/13/23 16:00	0	46	520	210003
1/13/23 16:30	0	46	519	210003
1/13/23 17:00	0	46	519	210003
1/13/23 17:30	0	46	519	210003
1/13/23 18:00	0	46	519	210003
1/13/23 18:30	0	46	519	210003
1/13/23 19:00	0	46	519	210003
1/13/23 19:30	0	46	519	210003
1/13/23 20:00	0	46	519	210003
1/13/23 20:30	0	46	519	210003
1/13/23 21:00	0	46	519	210003
1/13/23 21:30	0	46	519	210003
1/13/23 22:00	0	46	519	210003
1/13/23 22:30	0	46	519	210003
1/13/23 23:00	0	46	519	210003
1/13/23 23:30	0	46	519	210003
1/14/23 0:00	0	46	519	210003
1/14/23 0:30	0	46	519	210003
1/14/23 1:00	0	46	519	210003
1/14/23 1:30	0	46	519	210003
1/14/23 2:00	0	46	519	210003
1/14/23 2:30	0	46	519	210003
1/14/23 3:00	0	46	519	210003
1/14/23 3:30	0	46	519	210003
1/14/23 4:00	0	46	519	210003
1/14/23 4:30	0	46	519	210003
1/14/23 5:00	0	46	519	210003
1/14/23 5:30	0	46	519	210003
1/14/23 6:00	0	46	519	210003
1/14/23 6:30	0	46	519	210003
1/14/23 7:00	0	46	519	210003
1/14/23 7:30	0	46	519	210003
1/14/23 8:00	0	46	519	210003
1/14/23 8:30	0	46	519	210003
1/14/23 9:00	0	46	519	210003
1/14/23 9:30	0	46	519	210003
1/14/23 10:00	0	46	519	210003
1/14/23 10:30	0	46	519	210003
1/14/23 11:00	0	46	519	210003
1/14/23 11:30	0	46	519	210003
1/14/23 12:00	0	46	519	210003
1/14/23 12:30	0	46	519	210003
1/14/23 13:00	0	46	519	210003
1/14/23 13:30	0	46	519	210003
1/14/23 14:00	0	46	519	210003
1/14/23 14:30	0	46	519	210003
1/14/23 15:00	0	46	518	210003
1/14/23 15:30	0	46	518	210003
1/14/23 16:00	0	46	518	210003
1/14/23 16:30	0	46	519	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/14/23 17:00	0	46	519	210003
1/14/23 17:30	0	46	518	210003
1/14/23 18:00	0	46	518	210003
1/14/23 18:30	0	46	518	210003
1/14/23 19:00	0	46	518	210003
1/14/23 19:30	0	46	518	210003
1/14/23 20:00	0	46	518	210003
1/14/23 20:30	0	47	518	210003
1/14/23 21:00	0	47	518	210003
1/14/23 21:30	0	47	518	210003
1/14/23 22:00	0	47	518	210003
1/14/23 22:30	0	47	518	210003
1/14/23 23:00	0	47	518	210003
1/14/23 23:30	0	47	518	210003
1/15/23 0:00	0	47	518	210003
1/15/23 0:30	0	47	518	210003
1/15/23 1:00	0	47	518	210003
1/15/23 1:30	0	47	518	210003
1/15/23 2:00	0	47	518	210003
1/15/23 2:30	0	47	518	210003
1/15/23 3:00	0	47	518	210003
1/15/23 3:30	0	47	518	210003
1/15/23 4:00	0	47	518	210003
1/15/23 4:30	0	47	518	210003
1/15/23 5:00	0	47	518	210003
1/15/23 5:30	0	47	518	210003
1/15/23 6:00	0	47	518	210003
1/15/23 6:30	0	47	518	210003
1/15/23 7:00	0	47	518	210003
1/15/23 7:30	0	47	518	210003
1/15/23 8:00	0	47	518	210003
1/15/23 8:30	0	47	518	210003
1/15/23 9:00	0	47	518	210003
1/15/23 9:30	0	47	518	210003
1/15/23 10:00	0	47	518	210003
1/15/23 10:30	0	47	518	210003
1/15/23 11:00	0	47	518	210003
1/15/23 11:30	0	47	518	210003
1/15/23 12:00	0	47	518	210003
1/15/23 12:30	0	47	518	210003
1/15/23 13:00	0	47	518	210003
1/15/23 13:30	0	47	518	210003
1/15/23 14:00	0	47	518	210003
1/15/23 14:30	0	47	518	210003
1/15/23 15:00	0	47	518	210003
1/15/23 15:30	0	47	517	210003
1/15/23 16:00	0	47	517	210003
1/15/23 16:30	0	47	518	210003
1/15/23 17:00	0	47	518	210003
1/15/23 17:30	0	47	517	210003
1/15/23 18:00	0	47	518	210003
1/15/23 18:30	0	47	518	210003
1/15/23 19:00	0	47	517	210003
1/15/23 19:30	0	47	517	210003
1/15/23 20:00	0	47	517	210003
1/15/23 20:30	0	47	517	210003
1/15/23 21:00	0	47	517	210003
1/15/23 21:30	0	47	517	210003
1/15/23 22:00	0	47	517	210003
1/15/23 22:30	0	47	517	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/15/23 23:00	0	47	517	210003
1/15/23 23:30	0	47	517	210003
1/16/23 0:00	0	47	517	210003
1/16/23 0:30	0	47	517	210003
1/16/23 1:00	0	47	517	210003
1/16/23 1:30	0	47	517	210003
1/16/23 2:00	0	47	517	210003
1/16/23 2:30	0	47	517	210003
1/16/23 3:00	0	47	517	210003
1/16/23 3:30	0	47	517	210003
1/16/23 4:00	0	47	517	210003
1/16/23 4:30	0	47	517	210003
1/16/23 5:00	0	47	517	210003
1/16/23 5:30	0	47	517	210003
1/16/23 6:00	0	47	517	210003
1/16/23 6:30	0	47	517	210003
1/16/23 7:00	0	47	517	210003
1/16/23 7:30	0	47	517	210003
1/16/23 8:00	0	47	517	210003
1/16/23 8:30	0	47	517	210003
1/16/23 9:00	0	47	517	210003
1/16/23 9:30	0	47	517	210003
1/16/23 10:00	0	47	517	210003
1/16/23 10:30	0	47	517	210003
1/16/23 11:00	0	47	517	210003
1/16/23 11:30	0	47	517	210003
1/16/23 12:00	0	47	517	210003
1/16/23 12:30	0	47	517	210003
1/16/23 13:00	0	47	517	210003
1/16/23 13:30	0	47	517	210003
1/16/23 14:00	0	47	517	210003
1/16/23 14:30	0	47	516	210003
1/16/23 15:00	0	47	516	210003
1/16/23 15:30	0	47	517	210003
1/16/23 16:00	0	47	517	210003
1/16/23 16:30	0	47	517	210003
1/16/23 17:00	0	47	517	210003
1/16/23 17:30	0	47	517	210003
1/16/23 18:00	0	47	516	210003
1/16/23 18:30	0	47	516	210003
1/16/23 19:00	0	47	517	210003
1/16/23 19:30	0	47	516	210003
1/16/23 20:00	0	47	516	210003
1/16/23 20:30	0	47	516	210003
1/16/23 21:00	0	47	516	210003
1/16/23 21:30	0	47	516	210003
1/16/23 22:00	0	47	516	210003
1/16/23 22:30	0	47	516	210003
1/16/23 23:00	0	47	516	210003
1/16/23 23:30	0	47	516	210003
1/17/23 0:00	0	47	516	210003
1/17/23 0:30	0	47	516	210003
1/17/23 1:00	0	47	516	210003
1/17/23 1:30	0	47	516	210003
1/17/23 2:00	0	47	516	210003
1/17/23 2:30	0	47	516	210003
1/17/23 3:00	0	47	516	210003
1/17/23 3:30	0	47	516	210003
1/17/23 4:00	0	47	516	210003
1/17/23 4:30	0	47	516	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/17/23 5:00	0	47	516	210003
1/17/23 5:30	0	47	516	210003
1/17/23 6:00	0	47	516	210003
1/17/23 6:30	0	47	516	210003
1/17/23 7:00	0	47	516	210003
1/17/23 7:30	0	47	516	210003
1/17/23 8:00	0	47	516	210003
1/17/23 8:30	0	47	516	210003
1/17/23 9:00	0	47	516	210003
1/17/23 9:30	0	47	516	210003
1/17/23 10:00	0	47	516	210003
1/17/23 10:30	0	47	516	210003
1/17/23 11:00	0	47	516	210003
1/17/23 11:30	0	47	516	210003
1/17/23 12:00	0	47	516	210003
1/17/23 12:30	0	47	516	210003
1/17/23 13:00	0	47	516	210003
1/17/23 13:30	0	47	515	210003
1/17/23 14:00	0	47	516	210003
1/17/23 14:30	0	47	516	210003
1/17/23 15:00	0	47	517	210003
1/17/23 15:30	0	47	516	210003
1/17/23 16:00	0	47	515	210003
1/17/23 16:30	0	47	516	210003
1/17/23 17:00	0	47	516	210003
1/17/23 17:30	0	47	515	210003
1/17/23 18:00	0	47	515	210003
1/17/23 18:30	0	47	515	210003
1/17/23 19:00	0	47	515	210003
1/17/23 19:30	0	47	516	210003
1/17/23 20:00	0	47	516	210003
1/17/23 20:30	0	47	515	210003
1/17/23 21:00	0	47	515	210003
1/17/23 21:30	0	47	516	210003
1/17/23 22:00	0	47	515	210003
1/17/23 22:30	0	47	515	210003
1/17/23 23:00	0	47	515	210003
1/17/23 23:30	0	47	515	210003
1/18/23 0:00	0	47	515	210003
1/18/23 0:30	0	47	515	210003
1/18/23 1:00	0	47	515	210003
1/18/23 1:30	0	47	515	210003
1/18/23 2:00	0	47	515	210003
1/18/23 2:30	0	47	515	210003
1/18/23 3:00	0	47	515	210003
1/18/23 3:30	0	47	515	210003
1/18/23 4:00	0	47	515	210003
1/18/23 4:30	0	47	515	210003
1/18/23 5:00	0	47	515	210003
1/18/23 5:30	0	47	515	210003
1/18/23 6:00	0	47	515	210003
1/18/23 6:30	0	47	515	210003
1/18/23 7:00	0	47	515	210003
1/18/23 7:30	0	47	515	210003
1/18/23 8:00	0	47	515	210003
1/18/23 8:30	0	47	515	210003
1/18/23 9:00	0	47	515	210003
1/18/23 9:30	0	47	515	210003
1/18/23 10:00	0	47	515	210003
1/18/23 10:30	0	47	515	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/18/23 11:00	0	47	515	210003
1/18/23 11:30	0	47	515	210003
1/18/23 12:00	0	47	515	210003
1/18/23 12:30	0	47	515	210003
1/18/23 13:00	0	47	515	210003
1/18/23 13:30	0	47	515	210003
1/18/23 14:00	0	47	515	210003
1/18/23 14:30	0	47	515	210003
1/18/23 15:00	0	47	515	210003
1/18/23 15:30	0	47	515	210003
1/18/23 16:00	0	47	515	210003
1/18/23 16:30	0	47	515	210003
1/18/23 17:00	0	47	515	210003
1/18/23 17:30	0	47	515	210003
1/18/23 18:00	0	47	515	210003
1/18/23 18:30	0	47	515	210003
1/18/23 19:00	0	47	514	210003
1/18/23 19:30	0	47	514	210003
1/18/23 20:00	0	47	515	210003
1/18/23 20:30	0	47	515	210003
1/18/23 21:00	0	47	515	210003
1/18/23 21:30	0	47	514	210003
1/18/23 22:00	0	47	515	210003
1/18/23 22:30	0	47	514	210003
1/18/23 23:00	0	47	514	210003
1/18/23 23:30	0	47	514	210003
1/19/23 0:00	0	47	514	210003
1/19/23 0:30	0	47	514	210003
1/19/23 1:00	0	47	514	210003
1/19/23 1:30	0	47	514	210003
1/19/23 2:00	0	47	514	210003
1/19/23 2:30	0	47	514	210003
1/19/23 3:00	0	47	514	210003
1/19/23 3:30	0	47	514	210003
1/19/23 4:00	0	47	514	210003
1/19/23 4:30	0	47	514	210003
1/19/23 5:00	0	47	514	210003
1/19/23 5:30	0	47	514	210003
1/19/23 6:00	0	47	514	210003
1/19/23 6:30	0	47	514	210003
1/19/23 7:00	0	47	514	210003
1/19/23 7:30	0	47	514	210003
1/19/23 8:00	0	47	514	210003
1/19/23 8:30	0	47	514	210003
1/19/23 9:00	0	47	514	210003
1/19/23 9:30	0	47	514	210003
1/19/23 10:00	0	47	514	210003
1/19/23 10:30	0	47	514	210003
1/19/23 11:00	0	47	514	210003
1/19/23 11:30	0	47	514	210003
1/19/23 12:00	0	47	514	210003
1/19/23 12:30	0	47	514	210003
1/19/23 13:00	0	47	514	210003
1/19/23 13:30	0	47	514	210003
1/19/23 14:00	0	47	514	210003
1/19/23 14:30	0	47	514	210003
1/19/23 15:00	0	47	514	210003
1/19/23 15:30	0	47	514	210003
1/19/23 16:00	0	47	514	210003
1/19/23 16:30	0	47	514	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/19/23 17:00	0	47	514	210003
1/19/23 17:30	0	47	514	210003
1/19/23 18:00	0	47	514	210003
1/19/23 18:30	0	47	514	210003
1/19/23 19:00	0	47	514	210003
1/19/23 19:30	0	47	513	210003
1/19/23 20:00	0	47	513	210003
1/19/23 20:30	0	47	514	210003
1/19/23 21:00	0	47	514	210003
1/19/23 21:30	0	47	514	210003
1/19/23 22:00	0	47	514	210003
1/19/23 22:30	0	47	514	210003
1/19/23 23:00	0	47	514	210003
1/19/23 23:30	0	47	514	210003
1/20/23 0:00	0	47	514	210003
1/20/23 0:30	0	47	514	210003
1/20/23 1:00	0	47	514	210003
1/20/23 1:30	0	47	513	210003
1/20/23 2:00	0	47	514	210003
1/20/23 2:30	0	47	514	210003
1/20/23 3:00	0	47	513	210003
1/20/23 3:30	0	47	514	210003
1/20/23 4:00	0	47	513	210003
1/20/23 4:30	0	47	513	210003
1/20/23 5:00	0	47	513	210003
1/20/23 5:30	0	47	513	210003
1/20/23 6:00	0	47	513	210003
1/20/23 6:30	0	47	513	210003
1/20/23 7:00	0	47	513	210003
1/20/23 7:30	0	47	513	210003
1/20/23 8:00	0	47	513	210003
1/20/23 8:30	0	47	513	210003
1/20/23 9:00	0	47	513	210003
1/20/23 9:30	0	47	513	210003
1/20/23 10:00	0	47	513	210003
1/20/23 10:30	0	47	513	210003
1/20/23 11:00	0	47	513	210003
1/20/23 11:30	0	47	513	210003
1/20/23 12:00	0	47	513	210003
1/20/23 12:30	0	47	513	210003
1/20/23 13:00	0	47	514	210003
1/20/23 13:30	0	47	514	210003
1/20/23 14:00	0	47	513	210003
1/20/23 14:30	0	47	513	210003
1/20/23 15:00	0	47	513	210003
1/20/23 15:30	0	47	513	210003
1/20/23 16:00	0	47	513	210003
1/20/23 16:30	0	47	513	210003
1/20/23 17:00	0	47	513	210003
1/20/23 17:30	0	47	513	210003
1/20/23 18:00	0	47	513	210003
1/20/23 18:30	0	47	513	210003
1/20/23 19:00	0	47	513	210003
1/20/23 19:30	0	47	513	210003
1/20/23 20:00	0	47	513	210003
1/20/23 20:30	0	47	513	210003
1/20/23 21:00	0	47	513	210003
1/20/23 21:30	0	47	513	210003
1/20/23 22:00	0	47	513	210003
1/20/23 22:30	0	47	513	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/20/23 23:00	0	47	513	210003
1/20/23 23:30	0	47	513	210003
1/21/23 0:00	0	47	513	210003
1/21/23 0:30	0	47	513	210003
1/21/23 1:00	0	47	513	210003
1/21/23 1:30	0	47	513	210003
1/21/23 2:00	0	47	513	210003
1/21/23 2:30	0	47	513	210003
1/21/23 3:00	0	47	513	210003
1/21/23 3:30	0	47	513	210003
1/21/23 4:00	0	47	513	210003
1/21/23 4:30	0	47	513	210003
1/21/23 5:00	0	47	512	210003
1/21/23 5:30	0	47	513	210003
1/21/23 6:00	0	47	512	210003
1/21/23 6:30	0	47	512	210003
1/21/23 7:00	0	47	512	210003
1/21/23 7:30	0	47	512	210003
1/21/23 8:00	0	47	512	210003
1/21/23 8:30	0	47	513	210003
1/21/23 9:00	0	47	513	210003
1/21/23 9:30	0	47	513	210003
1/21/23 10:00	0	47	513	210003
1/21/23 10:30	0	47	513	210003
1/21/23 11:00	0	47	513	210003
1/21/23 11:30	0	47	513	210003
1/21/23 12:00	0	47	513	210003
1/21/23 12:30	0	47	513	210003
1/21/23 13:00	0	47	513	210003
1/21/23 13:30	0	47	513	210003
1/21/23 14:00	0	47	513	210003
1/21/23 14:30	0	47	513	210003
1/21/23 15:00	0	47	512	210003
1/21/23 15:30	0	48	512	210003
1/21/23 16:00	0	48	512	210003
1/21/23 16:30	0	48	512	210003
1/21/23 17:00	0	48	512	210003
1/21/23 17:30	0	48	512	210003
1/21/23 18:00	0	48	512	210003
1/21/23 18:30	0	48	512	210003
1/21/23 19:00	0	48	512	210003
1/21/23 19:30	0	48	512	210003
1/21/23 20:00	0	48	512	210003
1/21/23 20:30	0	48	512	210003
1/21/23 21:00	0	48	512	210003
1/21/23 21:30	0	48	512	210003
1/21/23 22:00	0	48	512	210003
1/21/23 22:30	0	47	512	210003
1/21/23 23:00	0	47	512	210003
1/21/23 23:30	0	47	512	210003
1/22/23 0:00	0	47	512	210003
1/22/23 0:30	0	47	512	210003
1/22/23 1:00	0	47	512	210003
1/22/23 1:30	0	47	512	210003
1/22/23 2:00	0	47	512	210003
1/22/23 2:30	0	47	512	210003
1/22/23 3:00	0	47	512	210003
1/22/23 3:30	0	47	512	210003
1/22/23 4:00	0	47	512	210003
1/22/23 4:30	0	47	512	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/22/23 5:00	0	47	512	210003
1/22/23 5:30	0	47	512	210003
1/22/23 6:00	0	47	512	210003
1/22/23 6:30	0	47	512	210003
1/22/23 7:00	0	47	512	210003
1/22/23 7:30	0	47	512	210003
1/22/23 8:00	0	47	512	210003
1/22/23 8:30	0	47	512	210003
1/22/23 9:00	0	47	512	210003
1/22/23 9:30	0	47	512	210003
1/22/23 10:00	0	47	512	210003
1/22/23 10:30	0	47	512	210003
1/22/23 11:00	0	47	512	210003
1/22/23 11:30	0	47	512	210003
1/22/23 12:00	0	47	512	210003
1/22/23 12:30	0	47	512	210003
1/22/23 13:00	0	47	512	210003
1/22/23 13:30	0	47	512	210003
1/22/23 14:00	0	47	512	210003
1/22/23 14:30	0	47	512	210003
1/22/23 15:00	0	47	512	210003
1/22/23 15:30	0	47	511	210003
1/22/23 16:00	0	47	511	210003
1/22/23 16:30	0	47	511	210003
1/22/23 17:00	0	47	511	210003
1/22/23 17:30	0	47	511	210003
1/22/23 18:00	0	47	511	210003
1/22/23 18:30	0	47	511	210003
1/22/23 19:00	0	47	511	210003
1/22/23 19:30	0	47	511	210003
1/22/23 20:00	0	47	511	210003
1/22/23 20:30	0	47	511	210003
1/22/23 21:00	0	47	511	210003
1/22/23 21:30	0	47	511	210003
1/22/23 22:00	0	47	511	210003
1/22/23 22:30	0	47	511	210003
1/22/23 23:00	0	47	511	210003
1/22/23 23:30	0	47	511	210003
1/23/23 0:00	0	47	511	210003
1/23/23 0:30	0	47	511	210003
1/23/23 1:00	0	47	511	210003
1/23/23 1:30	0	47	511	210003
1/23/23 2:00	0	47	511	210003
1/23/23 2:30	0	47	511	210003
1/23/23 3:00	0	47	511	210003
1/23/23 3:30	0	47	511	210003
1/23/23 4:00	0	47	511	210003
1/23/23 4:30	0	47	511	210003
1/23/23 5:00	0	47	511	210003
1/23/23 5:30	0	47	511	210003
1/23/23 6:00	0	47	511	210003
1/23/23 6:30	0	47	511	210003
1/23/23 7:00	0	47	511	210003
1/23/23 7:30	0	47	511	210003
1/23/23 8:00	0	47	511	210003
1/23/23 8:30	0	47	511	210003
1/23/23 9:00	0	47	511	210003
1/23/23 9:30	0	47	511	210003
1/23/23 10:00	0	47	511	210003
1/23/23 10:30	0	47	511	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/23/23 11:00	0	47	511	210003
1/23/23 11:30	0	47	511	210003
1/23/23 12:00	0	47	511	210003
1/23/23 12:30	0	47	511	210003
1/23/23 13:00	0	47	511	210003
1/23/23 13:30	0	47	511	210003
1/23/23 14:00	0	47	511	210003
1/23/23 14:30	0	47	511	210003
1/23/23 15:00	0	47	511	210003
1/23/23 15:30	0	47	511	210003
1/23/23 16:00	0	47	511	210003
1/23/23 16:30	0	47	511	210003
1/23/23 17:00	0	47	511	210003
1/23/23 17:30	0	47	511	210003
1/23/23 18:00	0	47	511	210003
1/23/23 18:30	0	47	511	210003
1/23/23 19:00	0	47	511	210003
1/23/23 19:30	0	47	511	210003
1/23/23 20:00	0	47	511	210003
1/23/23 20:30	0	48	511	210003
1/23/23 21:00	0	48	511	210003
1/23/23 21:30	0	48	511	210003
1/23/23 22:00	0	48	511	210003
1/23/23 22:30	0	48	510	210003
1/23/23 23:00	0	47	510	210003
1/23/23 23:30	0	47	510	210003
1/24/23 0:00	0	47	511	210003
1/24/23 0:30	0	47	511	210003
1/24/23 1:00	0	47	510	210003
1/24/23 1:30	0	47	510	210003
1/24/23 2:00	0	47	510	210003
1/24/23 2:30	0	47	510	210003
1/24/23 3:00	0	47	510	210003
1/24/23 3:30	0	47	510	210003
1/24/23 4:00	0	47	510	210003
1/24/23 4:30	0	47	510	210003
1/24/23 5:00	0	47	510	210003
1/24/23 5:30	0	47	510	210003
1/24/23 6:00	0	47	510	210003
1/24/23 6:30	0	47	510	210003
1/24/23 7:00	0	47	510	210003
1/24/23 7:30	0	47	510	210003
1/24/23 8:00	0	47	510	210003
1/24/23 8:30	0	47	510	210003
1/24/23 9:00	0	47	510	210003
1/24/23 9:30	0	47	510	210003
1/24/23 10:00	0	47	510	210003
1/24/23 10:30	0	47	510	210003
1/24/23 11:00	0	47	510	210003
1/24/23 11:30	0	47	510	210003
1/24/23 12:00	0	47	510	210003
1/24/23 12:30	0	47	510	210003
1/24/23 13:00	0	47	510	210003
1/24/23 13:30	0	47	510	210003
1/24/23 14:00	0	47	510	210003
1/24/23 14:30	0	47	510	210003
1/24/23 15:00	0	47	510	210003
1/24/23 15:30	0	47	510	210003
1/24/23 16:00	0	47	510	210003
1/24/23 16:30	0	47	510	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/24/23 17:00	0	47	510	210003
1/24/23 17:30	0	48	510	210003
1/24/23 18:00	0	48	510	210003
1/24/23 18:30	0	48	510	210003
1/24/23 19:00	0	48	510	210003
1/24/23 19:30	0	48	510	210003
1/24/23 20:00	0	48	510	210003
1/24/23 20:30	0	48	510	210003
1/24/23 21:00	0	48	510	210003
1/24/23 21:30	0	48	510	210003
1/24/23 22:00	0	48	510	210003
1/24/23 22:30	0	48	510	210003
1/24/23 23:00	0	48	510	210003
1/24/23 23:30	0	48	510	210003
1/25/23 0:00	0	48	510	210003
1/25/23 0:30	0	48	510	210003
1/25/23 1:00	0	48	510	210003
1/25/23 1:30	0	48	510	210003
1/25/23 2:00	0	48	510	210003
1/25/23 2:30	0	48	510	210003
1/25/23 3:00	0	48	510	210003
1/25/23 3:30	0	47	510	210003
1/25/23 4:00	0	48	510	210003
1/25/23 4:30	0	47	510	210003
1/25/23 5:00	0	47	510	210003
1/25/23 5:30	0	47	509	210003
1/25/23 6:00	0	47	509	210003
1/25/23 6:30	0	47	509	210003
1/25/23 7:00	0	47	509	210003
1/25/23 7:30	0	47	509	210003
1/25/23 8:00	0	47	509	210003
1/25/23 8:30	0	47	509	210003
1/25/23 9:00	0	47	509	210003
1/25/23 9:30	0	47	509	210003
1/25/23 10:00	0	47	510	210003
1/25/23 10:30	0	47	510	210003
1/25/23 11:00	0	47	510	210003
1/25/23 11:30	0	47	510	210003
1/25/23 12:00	0	47	510	210003
1/25/23 12:30	0	47	510	210003
1/25/23 13:00	0	47	510	210003
1/25/23 13:30	0	48	510	210003
1/25/23 14:00	0	48	510	210003
1/25/23 14:30	0	48	509	210003
1/25/23 15:00	0	48	509	210003
1/25/23 15:30	0	48	509	210003
1/25/23 16:00	0	48	509	210003
1/25/23 16:30	0	48	509	210003
1/25/23 17:00	0	48	509	210003
1/25/23 17:30	0	48	509	210003
1/25/23 18:00	0	48	509	210003
1/25/23 18:30	0	48	509	210003
1/25/23 19:00	0	48	509	210003
1/25/23 19:30	0	48	509	210003
1/25/23 20:00	0	48	509	210003
1/25/23 20:30	0	48	509	210003
1/25/23 21:00	0	48	509	210003
1/25/23 21:30	0	48	509	210003
1/25/23 22:00	0	48	509	210003
1/25/23 22:30	0	48	509	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/25/23 23:00	0	48	509	210003
1/25/23 23:30	0	48	509	210003
1/26/23 0:00	0	48	509	210003
1/26/23 0:30	0	48	509	210003
1/26/23 1:00	0	48	509	210003
1/26/23 1:30	0	48	509	210003
1/26/23 2:00	0	48	509	210003
1/26/23 2:30	0	48	509	210003
1/26/23 3:00	0	48	509	210003
1/26/23 3:30	0	48	509	210003
1/26/23 4:00	0	48	509	210003
1/26/23 4:30	0	48	509	210003
1/26/23 5:00	0	48	509	210003
1/26/23 5:30	0	48	509	210003
1/26/23 6:00	0	48	509	210003
1/26/23 6:30	0	48	509	210003
1/26/23 7:00	0	48	509	210003
1/26/23 7:30	0	48	509	210003
1/26/23 8:00	0	48	509	210003
1/26/23 8:30	0	48	509	210003
1/26/23 9:00	0	48	508	210003
1/26/23 9:30	0	48	508	210003
1/26/23 10:00	0	48	509	210003
1/26/23 10:30	0	48	509	210003
1/26/23 11:00	0	48	509	210003
1/26/23 11:30	0	48	509	210003
1/26/23 12:00	0	48	509	210003
1/26/23 12:30	0	48	509	210003
1/26/23 13:00	0	48	509	210003
1/26/23 13:30	0	48	509	210003
1/26/23 14:00	0	48	509	210003
1/26/23 14:30	0	48	509	210003
1/26/23 15:00	0	48	509	210003
1/26/23 15:30	0	48	508	210003
1/26/23 16:00	0	48	508	210003
1/26/23 16:30	0	48	508	210003
1/26/23 17:00	0	48	508	210003
1/26/23 17:30	0	48	508	210003
1/26/23 18:00	0	48	508	210003
1/26/23 18:30	0	48	508	210003
1/26/23 19:00	0	48	508	210003
1/26/23 19:30	0	48	508	210003
1/26/23 20:00	0	48	508	210003
1/26/23 20:30	0	48	508	210003
1/26/23 21:00	0	48	508	210003
1/26/23 21:30	0	48	508	210003
1/26/23 22:00	0	48	508	210003
1/26/23 22:30	0	48	508	210003
1/26/23 23:00	0	48	508	210003
1/26/23 23:30	0	48	508	210003
1/27/23 0:00	0	48	508	210003
1/27/23 0:30	0	48	508	210003
1/27/23 1:00	0	48	508	210003
1/27/23 1:30	0	48	508	210003
1/27/23 2:00	0	48	508	210003
1/27/23 2:30	0	48	508	210003
1/27/23 3:00	0	48	508	210003
1/27/23 3:30	0	48	508	210003
1/27/23 4:00	Bad	48	Bad	210003
1/27/23 4:30	0	48	508	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/27/23 5:00	0	48	508	210003
1/27/23 5:30	0	48	508	210003
1/27/23 6:00	0	48	508	210003
1/27/23 6:30	0	48	508	210003
1/27/23 7:00	0	48	508	210003
1/27/23 7:30	0	48	508	210003
1/27/23 8:00	0	48	508	210003
1/27/23 8:30	0	48	508	210003
1/27/23 9:00	0	48	508	210003
1/27/23 9:30	0	48	508	210003
1/27/23 10:00	0	48	508	210003
1/27/23 10:30	0	48	508	210003
1/27/23 11:00	0	48	508	210003
1/27/23 11:30	0	48	508	210003
1/27/23 12:00	0	48	508	210003
1/27/23 12:30	0	48	508	210003
1/27/23 13:00	0	48	508	210003
1/27/23 13:30	0	48	508	210003
1/27/23 14:00	0	48	508	210003
1/27/23 14:30	0	48	508	210003
1/27/23 15:00	0	48	508	210003
1/27/23 15:30	0	48	508	210003
1/27/23 16:00	0	48	508	210003
1/27/23 16:30	0	48	508	210003
1/27/23 17:00	0	48	508	210003
1/27/23 17:30	0	48	508	210003
1/27/23 18:00	0	48	508	210003
1/27/23 18:30	0	48	508	210003
1/27/23 19:00	0	48	508	210003
1/27/23 19:30	0	48	507	210003
1/27/23 20:00	0	48	507	210003
1/27/23 20:30	0	48	508	210003
1/27/23 21:00	0	48	508	210003
1/27/23 21:30	0	48	508	210003
1/27/23 22:00	0	48	508	210003
1/27/23 22:30	0	48	508	210003
1/27/23 23:00	0	48	508	210003
1/27/23 23:30	0	48	508	210003
1/28/23 0:00	0	48	508	210003
1/28/23 0:30	0	48	508	210003
1/28/23 1:00	0	48	508	210003
1/28/23 1:30	0	48	508	210003
1/28/23 2:00	0	48	508	210003
1/28/23 2:30	0	48	508	210003
1/28/23 3:00	0	48	508	210003
1/28/23 3:30	0	48	508	210003
1/28/23 4:00	0	48	508	210003
1/28/23 4:30	0	48	508	210003
1/28/23 5:00	0	48	507	210003
1/28/23 5:30	0	48	508	210003
1/28/23 6:00	0	48	508	210003
1/28/23 6:30	0	48	507	210003
1/28/23 7:00	0	48	507	210003
1/28/23 7:30	0	48	507	210003
1/28/23 8:00	0	48	507	210003
1/28/23 8:30	0	48	507	210003
1/28/23 9:00	0	48	507	210003
1/28/23 9:30	0	48	507	210003
1/28/23 10:00	0	48	508	210003
1/28/23 10:30	0	48	508	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/28/23 11:00	0	48	508	210003
1/28/23 11:30	0	48	508	210003
1/28/23 12:00	0	48	508	210003
1/28/23 12:30	0	48	507	210003
1/28/23 13:00	0	48	508	210003
1/28/23 13:30	0	48	508	210003
1/28/23 14:00	0	48	508	210003
1/28/23 14:30	0	48	508	210003
1/28/23 15:00	0	48	508	210003
1/28/23 15:30	0	48	508	210003
1/28/23 16:00	0	48	507	210003
1/28/23 16:30	0	48	507	210003
1/28/23 17:00	0	48	507	210003
1/28/23 17:30	0	48	507	210003
1/28/23 18:00	0	49	507	210003
1/28/23 18:30	0	49	507	210003
1/28/23 19:00	0	49	507	210003
1/28/23 19:30	0	49	507	210003
1/28/23 20:00	0	49	507	210003
1/28/23 20:30	0	48	507	210003
1/28/23 21:00	0	48	507	210003
1/28/23 21:30	0	48	507	210003
1/28/23 22:00	0	48	507	210003
1/28/23 22:30	0	48	507	210003
1/28/23 23:00	0	48	507	210003
1/28/23 23:30	0	48	507	210003
1/29/23 0:00	0	48	507	210003
1/29/23 0:30	0	48	507	210003
1/29/23 1:00	0	48	507	210003
1/29/23 1:30	0	48	507	210003
1/29/23 2:00	0	48	507	210003
1/29/23 2:30	0	48	507	210003
1/29/23 3:00	0	48	507	210003
1/29/23 3:30	0	48	507	210003
1/29/23 4:00	0	48	507	210003
1/29/23 4:30	0	48	507	210003
1/29/23 5:00	0	48	507	210003
1/29/23 5:30	0	48	507	210003
1/29/23 6:00	0	48	507	210003
1/29/23 6:30	0	48	507	210003
1/29/23 7:00	0	48	507	210003
1/29/23 7:30	0	48	507	210003
1/29/23 8:00	0	48	507	210003
1/29/23 8:30	0	48	507	210003
1/29/23 9:00	0	48	507	210003
1/29/23 9:30	0	48	507	210003
1/29/23 10:00	0	48	507	210003
1/29/23 10:30	0	48	507	210003
1/29/23 11:00	0	48	507	210003
1/29/23 11:30	0	48	507	210003
1/29/23 12:00	0	48	507	210003
1/29/23 12:30	0	48	507	210003
1/29/23 13:00	0	48	507	210003
1/29/23 13:30	0	48	507	210003
1/29/23 14:00	0	49	507	210003
1/29/23 14:30	0	49	507	210003
1/29/23 15:00	0	49	507	210003
1/29/23 15:30	0	49	507	210003
1/29/23 16:00	0	49	507	210003
1/29/23 16:30	0	49	507	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/29/23 17:00	0	49	507	210003
1/29/23 17:30	0	49	507	210003
1/29/23 18:00	0	49	507	210003
1/29/23 18:30	0	49	507	210003
1/29/23 19:00	0	49	506	210003
1/29/23 19:30	0	49	506	210003
1/29/23 20:00	0	49	506	210003
1/29/23 20:30	0	49	506	210003
1/29/23 21:00	0	49	506	210003
1/29/23 21:30	0	49	506	210003
1/29/23 22:00	0	49	506	210003
1/29/23 22:30	0	49	506	210003
1/29/23 23:00	0	49	506	210003
1/29/23 23:30	0	49	506	210003
1/30/23 0:00	0	49	506	210003
1/30/23 0:30	0	49	506	210003
1/30/23 1:00	0	49	506	210003
1/30/23 1:30	0	49	506	210003
1/30/23 2:00	0	49	506	210003
1/30/23 2:30	0	49	506	210003
1/30/23 3:00	0	49	506	210003
1/30/23 3:30	0	49	506	210003
1/30/23 4:00	0	49	506	210003
1/30/23 4:30	0	49	506	210003
1/30/23 5:00	0	49	506	210003
1/30/23 5:30	0	49	506	210003
1/30/23 6:00	0	49	506	210003
1/30/23 6:30	0	49	506	210003
1/30/23 7:00	0	49	506	210003
1/30/23 7:30	0	49	506	210003
1/30/23 8:00	0	49	506	210003
1/30/23 8:30	0	49	506	210003
1/30/23 9:00	0	49	506	210003
1/30/23 9:30	0	49	506	210003
1/30/23 10:00	0	49	506	210003
1/30/23 10:30	0	49	507	210003
1/30/23 11:00	0	49	507	210003
1/30/23 11:30	0	49	506	210003
1/30/23 12:00	0	49	506	210003
1/30/23 12:30	0	49	506	210003
1/30/23 13:00	0	49	506	210003
1/30/23 13:30	0	49	506	210003
1/30/23 14:00	0	49	506	210003
1/30/23 14:30	0	49	506	210003
1/30/23 15:00	0	49	506	210003
1/30/23 15:30	0	49	506	210003
1/30/23 16:00	0	49	506	210003
1/30/23 16:30	0	49	506	210003
1/30/23 17:00	0	49	506	210003
1/30/23 17:30	0	49	506	210003
1/30/23 18:00	0	49	506	210003
1/30/23 18:30	0	49	506	210003
1/30/23 19:00	0	49	506	210003
1/30/23 19:30	0	49	505	210003
1/30/23 20:00	0	49	506	210003
1/30/23 20:30	0	49	506	210003
1/30/23 21:00	0	49	506	210003
1/30/23 21:30	0	49	506	210003
1/30/23 22:00	0	49	506	210003
1/30/23 22:30	0	49	506	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
1/30/23 23:00	0	49	506	210003
1/30/23 23:30	0	49	506	210003
1/31/23 0:00	0	49	506	210003
1/31/23 0:30	0	49	506	210003
1/31/23 1:00	0	49	506	210003
1/31/23 1:30	0	49	506	210003
1/31/23 2:00	0	49	506	210003
1/31/23 2:30	0	49	506	210003
1/31/23 3:00	0	49	506	210003
1/31/23 3:30	0	49	506	210003
1/31/23 4:00	0	49	506	210003
1/31/23 4:30	0	49	506	210003
1/31/23 5:00	0	49	506	210003
1/31/23 5:30	0	49	506	210003
1/31/23 6:00	0	49	506	210003
1/31/23 6:30	0	49	505	210003
1/31/23 7:00	0	49	505	210003
1/31/23 7:30	0	49	506	210003
1/31/23 8:00	0	49	506	210003
1/31/23 8:30	0	49	505	210003
1/31/23 9:00	0	49	505	210003
1/31/23 9:30	0	49	506	210003
1/31/23 10:00	0	49	506	210003
1/31/23 10:30	0	49	506	210003
1/31/23 11:00	0	49	506	210003
1/31/23 11:30	0	49	506	210003
1/31/23 12:00	0	49	506	210003
1/31/23 12:30	0	49	505	210003
1/31/23 13:00	0	49	505	210003
1/31/23 13:30	0	49	505	210003
1/31/23 14:00	0	49	506	210003
1/31/23 14:30	0	49	506	210003
1/31/23 15:00	0	49	506	210003
1/31/23 15:30	0	49	505	210003
1/31/23 16:00	0	50	505	210003
1/31/23 16:30	0	50	505	210003
1/31/23 17:00	0	50	505	210003
1/31/23 17:30	0	50	505	210003
1/31/23 18:00	0	50	505	210003
1/31/23 18:30	0	50	505	210003
1/31/23 19:00	0	50	505	210003
1/31/23 19:30	0	50	505	210003
1/31/23 20:00	0	50	505	210003
1/31/23 20:30	0	50	505	210003
1/31/23 21:00	0	50	505	210003
1/31/23 21:30	0	50	505	210003
1/31/23 22:00	0	50	505	210003
1/31/23 22:30	0	50	505	210003
1/31/23 23:00	0	50	505	210003
1/31/23 23:30	0	50	505	210003
2/1/23 0:00	0	50	505	210003
2/1/23 0:30	0	50	505	210003
2/1/23 1:00	0	50	505	210003
2/1/23 1:30	0	50	505	210003
2/1/23 2:00	0	50	505	210003
2/1/23 2:30	0	50	505	210003
2/1/23 3:00	0	49	505	210003
2/1/23 3:30	0	49	505	210003
2/1/23 4:00	0	49	505	210003
2/1/23 4:30	0	49	505	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/1/23 5:00	0	49	505	210003
2/1/23 5:30	0	49	505	210003
2/1/23 6:00	0	49	505	210003
2/1/23 6:30	0	49	505	210003
2/1/23 7:00	0	49	505	210003
2/1/23 7:30	0	49	505	210003
2/1/23 8:00	0	49	505	210003
2/1/23 8:30	0	49	505	210003
2/1/23 9:00	0	49	505	210003
2/1/23 9:30	0	49	505	210003
2/1/23 10:00	0	49	505	210003
2/1/23 10:30	0	49	505	210003
2/1/23 11:00	0	50	505	210003
2/1/23 11:30	0	50	505	210003
2/1/23 12:00	0	50	505	210003
2/1/23 12:30	0	50	505	210003
2/1/23 13:00	0	50	505	210003
2/1/23 13:30	0	50	505	210003
2/1/23 14:00	0	50	505	210003
2/1/23 14:30	0	50	505	210003
2/1/23 15:00	0	50	505	210003
2/1/23 15:30	0	50	505	210003
2/1/23 16:00	0	50	505	210003
2/1/23 16:30	0	50	505	210003
2/1/23 17:00	0	50	505	210003
2/1/23 17:30	0	50	505	210003
2/1/23 18:00	0	50	505	210003
2/1/23 18:30	0	50	505	210003
2/1/23 19:00	0	50	504	210003
2/1/23 19:30	0	50	504	210003
2/1/23 20:00	0	50	504	210003
2/1/23 20:30	0	50	504	210003
2/1/23 21:00	0	50	504	210003
2/1/23 21:30	0	50	504	210003
2/1/23 22:00	0	50	504	210003
2/1/23 22:30	0	50	504	210003
2/1/23 23:00	0	50	504	210003
2/1/23 23:30	0	50	504	210003
2/2/23 0:00	0	50	504	210003
2/2/23 0:30	0	50	504	210003
2/2/23 1:00	0	50	504	210003
2/2/23 1:30	0	50	504	210003
2/2/23 2:00	0	50	504	210003
2/2/23 2:30	0	50	504	210003
2/2/23 3:00	0	50	504	210003
2/2/23 3:30	0	50	504	210003
2/2/23 4:00	0	50	504	210003
2/2/23 4:30	0	50	504	210003
2/2/23 5:00	0	50	504	210003
2/2/23 5:30	0	50	504	210003
2/2/23 6:00	0	50	504	210003
2/2/23 6:30	0	50	504	210003
2/2/23 7:00	0	50	504	210003
2/2/23 7:30	0	50	504	210003
2/2/23 8:00	0	50	504	210003
2/2/23 8:30	0	50	504	210003
2/2/23 9:00	0	50	504	210003
2/2/23 9:30	0	50	504	210003
2/2/23 10:00	0	50	504	210003
2/2/23 10:30	0	50	505	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/2/23 11:00	0	50	505	210003
2/2/23 11:30	0	50	504	210003
2/2/23 12:00	0	50	504	210003
2/2/23 12:30	0	50	504	210003
2/2/23 13:00	0	50	504	210003
2/2/23 13:30	0	50	504	210003
2/2/23 14:00	0	50	504	210003
2/2/23 14:30	0	50	504	210003
2/2/23 15:00	0	50	504	210003
2/2/23 15:30	0	50	504	210003
2/2/23 16:00	0	50	504	210003
2/2/23 16:30	0	50	504	210003
2/2/23 17:00	0	50	504	210003
2/2/23 17:30	0	50	504	210003
2/2/23 18:00	0	50	504	210003
2/2/23 18:30	0	50	504	210003
2/2/23 19:00	0	50	504	210003
2/2/23 19:30	0	50	504	210003
2/2/23 20:00	0	50	504	210003
2/2/23 20:30	0	50	504	210003
2/2/23 21:00	0	50	504	210003
2/2/23 21:30	0	50	504	210003
2/2/23 22:00	0	50	504	210003
2/2/23 22:30	0	50	504	210003
2/2/23 23:00	0	50	504	210003
2/2/23 23:30	0	50	504	210003
2/3/23 0:00	0	50	504	210003
2/3/23 0:30	0	50	504	210003
2/3/23 1:00	0	50	504	210003
2/3/23 1:30	0	50	504	210003
2/3/23 2:00	0	50	504	210003
2/3/23 2:30	0	50	504	210003
2/3/23 3:00	0	50	504	210003
2/3/23 3:30	0	50	504	210003
2/3/23 4:00	0	50	504	210003
2/3/23 4:30	0	50	504	210003
2/3/23 5:00	0	50	504	210003
2/3/23 5:30	0	50	504	210003
2/3/23 6:00	0	50	504	210003
2/3/23 6:30	0	50	504	210003
2/3/23 7:00	0	50	504	210003
2/3/23 7:30	0	50	504	210003
2/3/23 8:00	0	50	504	210003
2/3/23 8:30	0	50	504	210003
2/3/23 9:00	0	50	504	210003
2/3/23 9:30	0	50	504	210003
2/3/23 10:00	0	50	504	210003
2/3/23 10:30	0	50	504	210003
2/3/23 11:00	0	50	504	210003
2/3/23 11:30	0	Bad	504	210003
2/3/23 12:00	0	50	504	210003
2/3/23 12:30	0	50	504	210003
2/3/23 13:00	0	50	504	210003
2/3/23 13:30	0	50	504	210003
2/3/23 14:00	0	50	504	210003
2/3/23 14:30	0	50	504	210003
2/3/23 15:00	0	50	504	210003
2/3/23 15:30	0	51	504	210003
2/3/23 16:00	0	51	504	210003
2/3/23 16:30	0	51	504	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/3/23 17:00	0	51	504	210003
2/3/23 17:30	0	51	503	210003
2/3/23 18:00	0	51	504	210003
2/3/23 18:30	0	51	503	210003
2/3/23 19:00	0	51	503	210003
2/3/23 19:30	0	51	503	210003
2/3/23 20:00	0	51	503	210003
2/3/23 20:30	0	51	503	210003
2/3/23 21:00	0	51	503	210003
2/3/23 21:30	0	51	503	210003
2/3/23 22:00	0	51	503	210003
2/3/23 22:30	0	51	503	210003
2/3/23 23:00	0	51	503	210003
2/3/23 23:30	0	51	503	210003
2/4/23 0:00	0	51	503	210003
2/4/23 0:30	0	51	503	210003
2/4/23 1:00	0	51	503	210003
2/4/23 1:30	0	51	503	210003
2/4/23 2:00	0	51	503	210003
2/4/23 2:30	0	51	503	210003
2/4/23 3:00	0	51	503	210003
2/4/23 3:30	0	51	503	210003
2/4/23 4:00	0	51	503	210003
2/4/23 4:30	0	51	503	210003
2/4/23 5:00	0	51	503	210003
2/4/23 5:30	0	51	503	210003
2/4/23 6:00	0	51	503	210003
2/4/23 6:30	0	51	503	210003
2/4/23 7:00	0	51	503	210003
2/4/23 7:30	0	51	503	210003
2/4/23 8:00	0	51	503	210003
2/4/23 8:30	0	51	503	210003
2/4/23 9:00	0	51	503	210003
2/4/23 9:30	0	51	503	210003
2/4/23 10:00	0	51	503	210003
2/4/23 10:30	0	51	503	210003
2/4/23 11:00	0	51	503	210003
2/4/23 11:30	0	51	503	210003
2/4/23 12:00	0	51	504	210003
2/4/23 12:30	0	51	503	210003
2/4/23 13:00	0	51	503	210003
2/4/23 13:30	0	51	503	210003
2/4/23 14:00	0	51	503	210003
2/4/23 14:30	0	51	503	210003
2/4/23 15:00	0	51	503	210003
2/4/23 15:30	0	51	503	210003
2/4/23 16:00	0	51	503	210003
2/4/23 16:30	0	51	503	210003
2/4/23 17:00	0	51	503	210003
2/4/23 17:30	0	51	503	210003
2/4/23 18:00	0	51	503	210003
2/4/23 18:30	0	51	503	210003
2/4/23 19:00	0	51	503	210003
2/4/23 19:30	0	51	502	210003
2/4/23 20:00	0	51	502	210003
2/4/23 20:30	0	51	503	210003
2/4/23 21:00	0	51	503	210003
2/4/23 21:30	0	51	503	210003
2/4/23 22:00	0	51	503	210003
2/4/23 22:30	0	51	503	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/4/23 23:00	0	51	503	210003
2/4/23 23:30	0	51	503	210003
2/5/23 0:00	0	51	503	210003
2/5/23 0:30	0	51	503	210003
2/5/23 1:00	0	51	503	210003
2/5/23 1:30	0	51	503	210003
2/5/23 2:00	0	51	503	210003
2/5/23 2:30	0	51	503	210003
2/5/23 3:00	0	51	503	210003
2/5/23 3:30	0	51	503	210003
2/5/23 4:00	0	51	503	210003
2/5/23 4:30	0	51	503	210003
2/5/23 5:00	0	51	503	210003
2/5/23 5:30	0	51	503	210003
2/5/23 6:00	0	51	502	210003
2/5/23 6:30	0	51	503	210003
2/5/23 7:00	0	51	503	210003
2/5/23 7:30	0	51	503	210003
2/5/23 8:00	0	51	503	210003
2/5/23 8:30	0	51	503	210003
2/5/23 9:00	0	51	502	210003
2/5/23 9:30	0	51	503	210003
2/5/23 10:00	0	51	503	210003
2/5/23 10:30	0	51	503	210003
2/5/23 11:00	0	51	503	210003
2/5/23 11:30	0	51	503	210003
2/5/23 12:00	0	51	503	210003
2/5/23 12:30	0	51	503	210003
2/5/23 13:00	0	51	503	210003
2/5/23 13:30	0	51	503	210003
2/5/23 14:00	0	51	503	210003
2/5/23 14:30	0	51	503	210003
2/5/23 15:00	0	51	503	210003
2/5/23 15:30	0	51	503	210003
2/5/23 16:00	0	51	503	210003
2/5/23 16:30	0	51	503	210003
2/5/23 17:00	0	51	503	210003
2/5/23 17:30	0	51	503	210003
2/5/23 18:00	0	51	502	210003
2/5/23 18:30	0	51	502	210003
2/5/23 19:00	0	51	502	210003
2/5/23 19:30	0	51	502	210003
2/5/23 20:00	0	51	502	210003
2/5/23 20:30	0	51	502	210003
2/5/23 21:00	0	51	502	210003
2/5/23 21:30	0	51	502	210003
2/5/23 22:00	0	51	502	210003
2/5/23 22:30	0	51	502	210003
2/5/23 23:00	0	51	502	210003
2/5/23 23:30	0	51	502	210003
2/6/23 0:00	0	51	502	210003
2/6/23 0:30	0	51	502	210003
2/6/23 1:00	0	51	502	210003
2/6/23 1:30	0	51	502	210003
2/6/23 2:00	0	51	502	210003
2/6/23 2:30	0	51	502	210003
2/6/23 3:00	0	51	502	210003
2/6/23 3:30	0	51	502	210003
2/6/23 4:00	0	51	502	210003
2/6/23 4:30	0	51	502	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/6/23 5:00	0	51	502	210003
2/6/23 5:30	0	51	502	210003
2/6/23 6:00	0	51	502	210003
2/6/23 6:30	0	51	502	210003
2/6/23 7:00	0	51	502	210003
2/6/23 7:30	0	51	502	210003
2/6/23 8:00	0	51	502	210003
2/6/23 8:30	0	51	502	210003
2/6/23 9:00	0	51	502	210003
2/6/23 9:30	0	51	502	210003
2/6/23 10:00	0	51	502	210003
2/6/23 10:30	0	51	502	210003
2/6/23 11:00	0	51	502	210003
2/6/23 11:30	0	51	502	210003
2/6/23 12:00	0	51	502	210003
2/6/23 12:30	0	51	502	210003
2/6/23 13:00	0	51	502	210003
2/6/23 13:30	0	51	502	210003
2/6/23 14:00	0	51	502	210003
2/6/23 14:30	0	52	502	210003
2/6/23 15:00	0	52	502	210003
2/6/23 15:30	0	52	502	210003
2/6/23 16:00	0	52	502	210003
2/6/23 16:30	0	52	502	210003
2/6/23 17:00	0	51	502	210003
2/6/23 17:30	0	52	502	210003
2/6/23 18:00	0	52	502	210003
2/6/23 18:30	0	52	502	210003
2/6/23 19:00	0	52	502	210003
2/6/23 19:30	0	52	502	210003
2/6/23 20:00	0	52	502	210003
2/6/23 20:30	0	52	502	210003
2/6/23 21:00	0	52	502	210003
2/6/23 21:30	0	52	502	210003
2/6/23 22:00	0	52	502	210003
2/6/23 22:30	0	52	502	210003
2/6/23 23:00	0	52	502	210003
2/6/23 23:30	0	52	502	210003
2/7/23 0:00	0	52	502	210003
2/7/23 0:30	0	52	502	210003
2/7/23 1:00	0	52	502	210003
2/7/23 1:30	0	52	502	210003
2/7/23 2:00	0	52	502	210003
2/7/23 2:30	0	52	502	210003
2/7/23 3:00	0	52	502	210003
2/7/23 3:30	0	52	501	210003
2/7/23 4:00	0	52	501	210003
2/7/23 4:30	0	52	501	210003
2/7/23 5:00	0	52	502	210003
2/7/23 5:30	0	51	501	210003
2/7/23 6:00	0	51	502	210003
2/7/23 6:30	0	52	502	210003
2/7/23 7:00	0	51	501	210003
2/7/23 7:30	0	51	501	210003
2/7/23 8:00	0	51	501	210003
2/7/23 8:30	0	51	501	210003
2/7/23 9:00	0	51	501	210003
2/7/23 9:30	0	51	501	210003
2/7/23 10:00	0	51	502	210003
2/7/23 10:30	0	51	502	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/7/23 11:00	0	51	502	210003
2/7/23 11:30	0	51	502	210003
2/7/23 12:00	0	52	502	210003
2/7/23 12:30	0	52	502	210003
2/7/23 13:00	0	52	502	210003
2/7/23 13:30	0	52	502	210003
2/7/23 14:00	0	52	502	210003
2/7/23 14:30	0	52	501	210003
2/7/23 15:00	0	52	501	210003
2/7/23 15:30	0	52	501	210003
2/7/23 16:00	0	52	501	210003
2/7/23 16:30	0	52	501	210003
2/7/23 17:00	0	52	501	210003
2/7/23 17:30	0	52	501	210003
2/7/23 18:00	0	52	501	210003
2/7/23 18:30	0	52	501	210003
2/7/23 19:00	0	52	501	210003
2/7/23 19:30	0	52	501	210003
2/7/23 20:00	0	52	501	210003
2/7/23 20:30	0	52	501	210003
2/7/23 21:00	0	52	501	210003
2/7/23 21:30	0	52	501	210003
2/7/23 22:00	0	52	501	210003
2/7/23 22:30	0	52	501	210003
2/7/23 23:00	0	52	501	210003
2/7/23 23:30	0	52	501	210003
2/8/23 0:00	0	52	501	210003
2/8/23 0:30	0	52	501	210003
2/8/23 1:00	0	52	501	210003
2/8/23 1:30	0	52	501	210003
2/8/23 2:00	0	52	501	210003
2/8/23 2:30	0	52	501	210003
2/8/23 3:00	0	52	501	210003
2/8/23 3:30	0	52	501	210003
2/8/23 4:00	0	52	501	210003
2/8/23 4:30	0	52	501	210003
2/8/23 5:00	0	52	501	210003
2/8/23 5:30	0	52	501	210003
2/8/23 6:00	0	52	501	210003
2/8/23 6:30	0	52	501	210003
2/8/23 7:00	0	52	501	210003
2/8/23 7:30	0	52	501	210003
2/8/23 8:00	0	52	501	210003
2/8/23 8:30	0	52	501	210003
2/8/23 9:00	0	52	501	210003
2/8/23 9:30	0	52	501	210003
2/8/23 10:00	0	52	501	210003
2/8/23 10:30	0	52	502	210003
2/8/23 11:00	0	52	501	210003
2/8/23 11:30	0	52	501	210003
2/8/23 12:00	0	52	501	210003
2/8/23 12:30	0	52	501	210003
2/8/23 13:00	0	52	501	210003
2/8/23 13:30	0	52	501	210003
2/8/23 14:00	0	52	501	210003
2/8/23 14:30	0	52	501	210003
2/8/23 15:00	0	52	501	210003
2/8/23 15:30	0	52	501	210003
2/8/23 16:00	0	52	500	210003
2/8/23 16:30	0	52	501	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/8/23 17:00	0	52	501	210003
2/8/23 17:30	0	52	501	210003
2/8/23 18:00	0	52	501	210003
2/8/23 18:30	0	52	501	210003
2/8/23 19:00	0	52	500	210003
2/8/23 19:30	0	52	500	210003
2/8/23 20:00	0	52	500	210003
2/8/23 20:30	0	52	501	210003
2/8/23 21:00	0	52	501	210003
2/8/23 21:30	0	52	501	210003
2/8/23 22:00	0	52	501	210003
2/8/23 22:30	0	52	501	210003
2/8/23 23:00	0	52	501	210003
2/8/23 23:30	0	52	501	210003
2/9/23 0:00	0	52	501	210003
2/9/23 0:30	0	52	501	210003
2/9/23 1:00	0	52	501	210003
2/9/23 1:30	0	52	501	210003
2/9/23 2:00	0	52	501	210003
2/9/23 2:30	0	52	501	210003
2/9/23 3:00	0	52	501	210003
2/9/23 3:30	0	52	501	210003
2/9/23 4:00	0	52	501	210003
2/9/23 4:30	0	52	500	210003
2/9/23 5:00	0	52	500	210003
2/9/23 5:30	0	52	500	210003
2/9/23 6:00	0	52	500	210003
2/9/23 6:30	0	52	500	210003
2/9/23 7:00	0	52	500	210003
2/9/23 7:30	0	52	500	210003
2/9/23 8:00	0	52	500	210003
2/9/23 8:30	0	52	500	210003
2/9/23 9:00	0	52	500	210003
2/9/23 9:30	0	52	500	210003
2/9/23 10:00	0	52	501	210003
2/9/23 10:30	0	52	501	210003
2/9/23 11:00	0	52	501	210003
2/9/23 11:30	0	52	501	210003
2/9/23 12:00	0	52	501	210003
2/9/23 12:30	0	52	501	210003
2/9/23 13:00	0	52	501	210003
2/9/23 13:30	0	52	500	210003
2/9/23 14:00	0	52	500	210003
2/9/23 14:30	0	52	500	210003
2/9/23 15:00	0	52	500	210003
2/9/23 15:30	0	52	500	210003
2/9/23 16:00	0	52	500	210003
2/9/23 16:30	0	52	500	210003
2/9/23 17:00	0	52	500	210003
2/9/23 17:30	0	52	500	210003
2/9/23 18:00	0	52	500	210003
2/9/23 18:30	0	52	500	210003
2/9/23 19:00	0	52	500	210003
2/9/23 19:30	0	52	500	210003
2/9/23 20:00	0	52	500	210003
2/9/23 20:30	0	52	500	210003
2/9/23 21:00	0	52	500	210003
2/9/23 21:30	0	52	500	210003
2/9/23 22:00	0	52	500	210003
2/9/23 22:30	0	52	500	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/9/23 23:00	0	52	500	210003
2/9/23 23:30	0	52	500	210003
2/10/23 0:00	0	52	500	210003
2/10/23 0:30	0	52	500	210003
2/10/23 1:00	0	52	500	210003
2/10/23 1:30	0	52	500	210003
2/10/23 2:00	0	52	500	210003
2/10/23 2:30	0	52	500	210003
2/10/23 3:00	0	52	500	210003
2/10/23 3:30	0	52	500	210003
2/10/23 4:00	0	52	500	210003
2/10/23 4:30	0	52	500	210003
2/10/23 5:00	0	52	500	210003
2/10/23 5:30	0	52	500	210003
2/10/23 6:00	0	52	500	210003
2/10/23 6:30	0	52	500	210003
2/10/23 7:00	0	52	500	210003
2/10/23 7:30	0	52	500	210003
2/10/23 8:00	0	52	500	210003
2/10/23 8:30	0	52	500	210003
2/10/23 9:00	0	52	500	210003
2/10/23 9:30	0	52	500	210003
2/10/23 10:00	0	52	500	210003
2/10/23 10:30	0	52	500	210003
2/10/23 11:00	0	52	500	210003
2/10/23 11:30	0	52	500	210003
2/10/23 12:00	0	52	500	210003
2/10/23 12:30	0	52	500	210003
2/10/23 13:00	0	52	500	210003
2/10/23 13:30	0	52	500	210003
2/10/23 14:00	0	52	500	210003
2/10/23 14:30	0	52	500	210003
2/10/23 15:00	0	52	500	210003
2/10/23 15:30	0	52	500	210003
2/10/23 16:00	0	52	500	210003
2/10/23 16:30	0	53	500	210003
2/10/23 17:00	0	53	500	210003
2/10/23 17:30	0	53	500	210003
2/10/23 18:00	0	53	500	210003
2/10/23 18:30	0	53	500	210003
2/10/23 19:00	0	53	499	210003
2/10/23 19:30	0	53	499	210003
2/10/23 20:00	0	53	499	210003
2/10/23 20:30	0	53	499	210003
2/10/23 21:00	0	53	499	210003
2/10/23 21:30	0	53	499	210003
2/10/23 22:00	0	53	499	210003
2/10/23 22:30	0	53	499	210003
2/10/23 23:00	0	53	499	210003
2/10/23 23:30	0	53	500	210003
2/11/23 0:00	0	53	499	210003
2/11/23 0:30	0	53	499	210003
2/11/23 1:00	0	53	500	210003
2/11/23 1:30	0	53	499	210003
2/11/23 2:00	0	53	499	210003
2/11/23 2:30	0	53	499	210003
2/11/23 3:00	0	53	499	210003
2/11/23 3:30	0	53	499	210003
2/11/23 4:00	0	53	499	210003
2/11/23 4:30	0	53	499	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/11/23 5:00	0	53	499	210003
2/11/23 5:30	0	53	499	210003
2/11/23 6:00	0	52	499	210003
2/11/23 6:30	0	53	499	210003
2/11/23 7:00	0	53	499	210003
2/11/23 7:30	0	52	499	210003
2/11/23 8:00	0	53	499	210003
2/11/23 8:30	0	52	499	210003
2/11/23 9:00	0	52	499	210003
2/11/23 9:30	0	52	499	210003
2/11/23 10:00	0	52	499	210003
2/11/23 10:30	0	53	500	210003
2/11/23 11:00	0	53	500	210003
2/11/23 11:30	0	53	500	210003
2/11/23 12:00	0	53	499	210003
2/11/23 12:30	0	53	500	210003
2/11/23 13:00	0	53	499	210003
2/11/23 13:30	0	53	500	210003
2/11/23 14:00	0	53	500	210003
2/11/23 14:30	0	53	499	210003
2/11/23 15:00	0	53	499	210003
2/11/23 15:30	0	53	499	210003
2/11/23 16:00	0	53	499	210003
2/11/23 16:30	0	53	499	210003
2/11/23 17:00	0	53	499	210003
2/11/23 17:30	0	53	499	210003
2/11/23 18:00	0	53	499	210003
2/11/23 18:30	0	53	499	210003
2/11/23 19:00	0	53	499	210003
2/11/23 19:30	0	53	499	210003
2/11/23 20:00	0	53	499	210003
2/11/23 20:30	0	53	499	210003
2/11/23 21:00	0	53	499	210003
2/11/23 21:30	0	53	499	210003
2/11/23 22:00	0	53	499	210003
2/11/23 22:30	0	53	499	210003
2/11/23 23:00	0	53	499	210003
2/11/23 23:30	0	53	499	210003
2/12/23 0:00	0	53	499	210003
2/12/23 0:30	0	53	499	210003
2/12/23 1:00	0	53	499	210003
2/12/23 1:30	0	53	499	210003
2/12/23 2:00	0	53	499	210003
2/12/23 2:30	0	53	499	210003
2/12/23 3:00	0	53	499	210003
2/12/23 3:30	0	53	499	210003
2/12/23 4:00	0	53	499	210003
2/12/23 4:30	0	53	499	210003
2/12/23 5:00	0	53	499	210003
2/12/23 5:30	0	53	499	210003
2/12/23 6:00	0	53	499	210003
2/12/23 6:30	0	53	499	210003
2/12/23 7:00	0	53	499	210003
2/12/23 7:30	0	53	499	210003
2/12/23 8:00	0	53	499	210003
2/12/23 8:30	0	53	499	210003
2/12/23 9:00	0	53	499	210003
2/12/23 9:30	0	53	499	210003
2/12/23 10:00	0	53	499	210003
2/12/23 10:30	0	53	499	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/12/23 11:00	0	53	499	210003
2/12/23 11:30	0	53	499	210003
2/12/23 12:00	0	53	499	210003
2/12/23 12:30	0	53	499	210003
2/12/23 13:00	0	53	499	210003
2/12/23 13:30	0	53	499	210003
2/12/23 14:00	0	53	499	210003
2/12/23 14:30	0	53	499	210003
2/12/23 15:00	0	53	499	210003
2/12/23 15:30	0	53	499	210003
2/12/23 16:00	0	53	499	210003
2/12/23 16:30	0	53	499	210003
2/12/23 17:00	0	53	499	210003
2/12/23 17:30	0	53	499	210003
2/12/23 18:00	0	53	498	210003
2/12/23 18:30	0	53	499	210003
2/12/23 19:00	0	53	499	210003
2/12/23 19:30	0	53	498	210003
2/12/23 20:00	0	53	498	210003
2/12/23 20:30	0	53	498	210003
2/12/23 21:00	0	53	498	210003
2/12/23 21:30	0	53	498	210003
2/12/23 22:00	0	53	499	210003
2/12/23 22:30	0	53	499	210003
2/12/23 23:00	0	53	499	210003
2/12/23 23:30	0	53	499	210003
2/13/23 0:00	0	53	499	210003
2/13/23 0:30	0	53	499	210003
2/13/23 1:00	0	53	499	210003
2/13/23 1:30	0	53	499	210003
2/13/23 2:00	0	53	499	210003
2/13/23 2:30	0	53	499	210003
2/13/23 3:00	0	53	499	210003
2/13/23 3:30	0	53	499	210003
2/13/23 4:00	0	53	498	210003
2/13/23 4:30	0	53	498	210003
2/13/23 5:00	0	53	499	210003
2/13/23 5:30	0	53	499	210003
2/13/23 6:00	0	53	499	210003
2/13/23 6:30	0	53	498	210003
2/13/23 7:00	0	53	498	210003
2/13/23 7:30	0	53	499	210003
2/13/23 8:00	0	53	498	210003
2/13/23 8:30	0	53	498	210003
2/13/23 9:00	0	53	498	210003
2/13/23 9:30	0	53	499	210003
2/13/23 10:00	0	53	499	210003
2/13/23 10:30	0	53	499	210003
2/13/23 11:00	0	53	498	210003
2/13/23 11:30	0	53	499	210003
2/13/23 12:00	0	53	499	210003
2/13/23 12:30	0	53	499	210003
2/13/23 13:00	0	53	499	210003
2/13/23 13:30	0	53	499	210003
2/13/23 14:00	0	53	499	210003
2/13/23 14:30	0	53	499	210003
2/13/23 15:00	0	54	499	210003
2/13/23 15:30	0	54	498	210003
2/13/23 16:00	0	53	498	210003
2/13/23 16:30	0	53	498	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/13/23 17:00	0	54	498	210003
2/13/23 17:30	0	54	498	210003
2/13/23 18:00	0	54	498	210003
2/13/23 18:30	0	54	498	210003
2/13/23 19:00	0	54	498	210003
2/13/23 19:30	0	54	498	210003
2/13/23 20:00	0	54	498	210003
2/13/23 20:30	0	54	498	210003
2/13/23 21:00	0	54	498	210003
2/13/23 21:30	0	54	498	210003
2/13/23 22:00	0	54	498	210003
2/13/23 22:30	0	53	498	210003
2/13/23 23:00	0	54	498	210003
2/13/23 23:30	0	53	498	210003
2/14/23 0:00	0	53	498	210003
2/14/23 0:30	0	53	498	210003
2/14/23 1:00	0	53	498	210003
2/14/23 1:30	0	53	498	210003
2/14/23 2:00	0	53	498	210003
2/14/23 2:30	0	54	498	210003
2/14/23 3:00	0	54	498	210003
2/14/23 3:30	0	54	498	210003
2/14/23 4:00	0	54	498	210003
2/14/23 4:30	0	54	498	210003
2/14/23 5:00	0	54	498	210003
2/14/23 5:30	0	54	498	210003
2/14/23 6:00	0	54	498	210003
2/14/23 6:30	0	54	498	210003
2/14/23 7:00	0	54	498	210003
2/14/23 7:30	0	54	498	210003
2/14/23 8:00	0	54	498	210003
2/14/23 8:30	0	54	498	210003
2/14/23 9:00	0	54	498	210003
2/14/23 9:30	0	54	498	210003
2/14/23 10:00	0	54	498	210003
2/14/23 10:30	0	54	498	210003
2/14/23 11:00	0	53	498	210003
2/14/23 11:30	0	54	498	210003
2/14/23 12:00	0	54	498	210003
2/14/23 12:30	0	54	498	210003
2/14/23 13:00	0	54	498	210003
2/14/23 13:30	0	54	498	210003
2/14/23 14:00	0	54	498	210003
2/14/23 14:30	0	54	498	210003
2/14/23 15:00	0	54	498	210003
2/14/23 15:30	0	54	498	210003
2/14/23 16:00	0	54	498	210003
2/14/23 16:30	0	54	498	210003
2/14/23 17:00	0	54	498	210003
2/14/23 17:30	0	54	497	210003
2/14/23 18:00	0	54	498	210003
2/14/23 18:30	0	54	498	210003
2/14/23 19:00	0	54	498	210003
2/14/23 19:30	0	54	498	210003
2/14/23 20:00	0	54	498	210003
2/14/23 20:30	0	54	498	210003
2/14/23 21:00	0	54	498	210003
2/14/23 21:30	0	54	498	210003
2/14/23 22:00	0	54	498	210003
2/14/23 22:30	0	54	498	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/14/23 23:00	0	54	498	210003
2/14/23 23:30	0	54	498	210003
2/15/23 0:00	0	54	498	210003
2/15/23 0:30	0	54	498	210003
2/15/23 1:00	0	54	498	210003
2/15/23 1:30	0	54	498	210003
2/15/23 2:00	0	54	498	210003
2/15/23 2:30	0	54	498	210003
2/15/23 3:00	0	54	498	210003
2/15/23 3:30	0	54	498	210003
2/15/23 4:00	0	54	498	210003
2/15/23 4:30	0	54	498	210003
2/15/23 5:00	0	54	498	210003
2/15/23 5:30	0	54	498	210003
2/15/23 6:00	0	54	498	210003
2/15/23 6:30	0	54	497	210003
2/15/23 7:00	0	54	498	210003
2/15/23 7:30	0	54	497	210003
2/15/23 8:00	0	54	498	210003
2/15/23 8:30	0	54	497	210003
2/15/23 9:00	0	54	497	210003
2/15/23 9:30	0	54	497	210003
2/15/23 10:00	0	54	498	210003
2/15/23 10:30	0	54	498	210003
2/15/23 11:00	0	54	498	210003
2/15/23 11:30	0	54	498	210003
2/15/23 12:00	0	54	498	210003
2/15/23 12:30	0	54	498	210003
2/15/23 13:00	0	54	498	210003
2/15/23 13:30	0	54	497	210003
2/15/23 14:00	0	54	497	210003
2/15/23 14:30	0	54	498	210003
2/15/23 15:00	0	54	498	210003
2/15/23 15:30	0	54	498	210003
2/15/23 16:00	0	54	498	210003
2/15/23 16:30	0	54	497	210003
2/15/23 17:00	0	54	497	210003
2/15/23 17:30	0	54	497	210003
2/15/23 18:00	0	54	497	210003
2/15/23 18:30	0	54	497	210003
2/15/23 19:00	0	54	497	210003
2/15/23 19:30	0	54	497	210003
2/15/23 20:00	0	54	497	210003
2/15/23 20:30	0	54	497	210003
2/15/23 21:00	0	54	497	210003
2/15/23 21:30	0	54	497	210003
2/15/23 22:00	0	54	497	210003
2/15/23 22:30	0	54	497	210003
2/15/23 23:00	0	54	497	210003
2/15/23 23:30	0	54	497	210003
2/16/23 0:00	0	54	497	210003
2/16/23 0:30	0	54	497	210003
2/16/23 1:00	0	54	497	210003
2/16/23 1:30	0	54	497	210003
2/16/23 2:00	0	54	497	210003
2/16/23 2:30	0	54	497	210003
2/16/23 3:00	0	54	497	210003
2/16/23 3:30	0	54	497	210003
2/16/23 4:00	0	54	497	210003
2/16/23 4:30	0	54	496	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/16/23 5:00	0	54	496	210003
2/16/23 5:30	0	54	496	210003
2/16/23 6:00	0	54	496	210003
2/16/23 6:30	0	54	496	210003
2/16/23 7:00	0	54	496	210003
2/16/23 7:30	0	54	496	210003
2/16/23 8:00	0	54	496	210003
2/16/23 8:30	0	54	496	210003
2/16/23 9:00	0	54	496	210003
2/16/23 9:30	0	54	497	210003
2/16/23 10:00	0	54	498	210003
2/16/23 10:30	0	54	498	210003
2/16/23 11:00	0	54	498	210003
2/16/23 11:30	0	54	498	210003
2/16/23 12:00	0	54	497	210003
2/16/23 12:30	0	54	497	210003
2/16/23 13:00	0	54	497	210003
2/16/23 13:30	0	54	497	210003
2/16/23 14:00	0	54	497	210003
2/16/23 14:30	0	54	497	210003
2/16/23 15:00	0	54	497	210003
2/16/23 15:30	0	54	497	210003
2/16/23 16:00	0	54	497	210003
2/16/23 16:30	0	54	497	210003
2/16/23 17:00	0	54	497	210003
2/16/23 17:30	0	54	497	210003
2/16/23 18:00	0	54	497	210003
2/16/23 18:30	0	54	497	210003
2/16/23 19:00	0	54	496	210003
2/16/23 19:30	0	54	496	210003
2/16/23 20:00	0	54	496	210003
2/16/23 20:30	0	54	496	210003
2/16/23 21:00	0	54	496	210003
2/16/23 21:30	0	54	496	210003
2/16/23 22:00	0	54	496	210003
2/16/23 22:30	0	54	496	210003
2/16/23 23:00	0	54	496	210003
2/16/23 23:30	0	54	496	210003
2/17/23 0:00	0	54	496	210003
2/17/23 0:30	0	54	496	210003
2/17/23 1:00	0	54	496	210003
2/17/23 1:30	0	54	496	210003
2/17/23 2:00	0	54	496	210003
2/17/23 2:30	0	54	496	210003
2/17/23 3:00	0	54	496	210003
2/17/23 3:30	0	54	496	210003
2/17/23 4:00	0	54	496	210003
2/17/23 4:30	0	54	496	210003
2/17/23 5:00	0	54	496	210003
2/17/23 5:30	0	54	496	210003
2/17/23 6:00	0	54	496	210003
2/17/23 6:30	0	54	496	210003
2/17/23 7:00	0	54	496	210003
2/17/23 7:30	0	54	496	210003
2/17/23 8:00	0	54	496	210003
2/17/23 8:30	0	54	496	210003
2/17/23 9:00	0	54	496	210003
2/17/23 9:30	0	54	497	210003
2/17/23 10:00	0	54	497	210003
2/17/23 10:30	0	54	497	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/17/23 11:00	0	54	497	210003
2/17/23 11:30	0	54	497	210003
2/17/23 12:00	0	54	497	210003
2/17/23 12:30	0	54	497	210003
2/17/23 13:00	0	54	497	210003
2/17/23 13:30	0	54	497	210003
2/17/23 14:00	0	54	497	210003
2/17/23 14:30	0	54	496	210003
2/17/23 15:00	0	54	497	210003
2/17/23 15:30	0	54	496	210003
2/17/23 16:00	0	54	496	210003
2/17/23 16:30	0	54	496	210003
2/17/23 17:00	0	54	496	210003
2/17/23 17:30	0	54	496	210003
2/17/23 18:00	0	54	496	210003
2/17/23 18:30	0	54	496	210003
2/17/23 19:00	0	54	496	210003
2/17/23 19:30	0	54	496	210003
2/17/23 20:00	0	54	496	210003
2/17/23 20:30	0	54	496	210003
2/17/23 21:00	0	54	496	210003
2/17/23 21:30	0	54	496	210003
2/17/23 22:00	0	54	496	210003
2/17/23 22:30	0	54	496	210003
2/17/23 23:00	0	54	496	210003
2/17/23 23:30	0	54	496	210003
2/18/23 0:00	0	54	496	210003
2/18/23 0:30	0	54	496	210003
2/18/23 1:00	0	54	496	210003
2/18/23 1:30	0	Bad	496	210003
2/18/23 2:00	0	54	496	210003
2/18/23 2:30	0	54	496	210003
2/18/23 3:00	0	54	496	210003
2/18/23 3:30	0	54	496	210003
2/18/23 4:00	0	54	496	210003
2/18/23 4:30	0	54	496	210003
2/18/23 5:00	0	54	496	210003
2/18/23 5:30	0	54	496	210003
2/18/23 6:00	0	54	496	210003
2/18/23 6:30	0	54	496	210003
2/18/23 7:00	0	54	496	210003
2/18/23 7:30	0	54	496	210003
2/18/23 8:00	0	54	496	210003
2/18/23 8:30	0	54	496	210003
2/18/23 9:00	0	54	496	210003
2/18/23 9:30	0	54	496	210003
2/18/23 10:00	0	54	496	210003
2/18/23 10:30	0	54	497	210003
2/18/23 11:00	0	54	496	210003
2/18/23 11:30	0	54	496	210003
2/18/23 12:00	0	54	496	210003
2/18/23 12:30	0	54	496	210003
2/18/23 13:00	0	54	496	210003
2/18/23 13:30	0	54	496	210003
2/18/23 14:00	0	54	496	210003
2/18/23 14:30	0	54	496	210003
2/18/23 15:00	0	54	496	210003
2/18/23 15:30	0	54	496	210003
2/18/23 16:00	0	54	496	210003
2/18/23 16:30	0	54	496	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/18/23 17:00	0	54	496	210003
2/18/23 17:30	0	54	496	210003
2/18/23 18:00	0	54	496	210003
2/18/23 18:30	0	Bad	496	210003
2/18/23 19:00	0	54	496	210003
2/18/23 19:30	0	54	496	210003
2/18/23 20:00	0	54	495	210003
2/18/23 20:30	0	54	496	210003
2/18/23 21:00	0	54	496	210003
2/18/23 21:30	0	54	496	210003
2/18/23 22:00	0	54	496	210003
2/18/23 22:30	0	54	496	210003
2/18/23 23:00	0	54	496	210003
2/18/23 23:30	0	54	496	210003
2/19/23 0:00	0	54	496	210003
2/19/23 0:30	0	54	496	210003
2/19/23 1:00	0	54	496	210003
2/19/23 1:30	0	54	496	210003
2/19/23 2:00	0	54	496	210003
2/19/23 2:30	0	54	496	210003
2/19/23 3:00	0	54	496	210003
2/19/23 3:30	0	54	496	210003
2/19/23 4:00	0	54	496	210003
2/19/23 4:30	0	54	496	210003
2/19/23 5:00	0	54	496	210003
2/19/23 5:30	0	54	496	210003
2/19/23 6:00	0	54	496	210003
2/19/23 6:30	0	54	496	210003
2/19/23 7:00	0	54	496	210003
2/19/23 7:30	0	54	496	210003
2/19/23 8:00	0	54	496	210003
2/19/23 8:30	0	54	496	210003
2/19/23 9:00	0	54	496	210003
2/19/23 9:30	0	54	496	210003
2/19/23 10:00	0	54	496	210003
2/19/23 10:30	0	54	496	210003
2/19/23 11:00	0	54	496	210003
2/19/23 11:30	0	54	496	210003
2/19/23 12:00	0	54	496	210003
2/19/23 12:30	0	54	496	210003
2/19/23 13:00	0	54	496	210003
2/19/23 13:30	0	54	496	210003
2/19/23 14:00	0	54	496	210003
2/19/23 14:30	0	55	496	210003
2/19/23 15:00	0	55	495	210003
2/19/23 15:30	0	55	495	210003
2/19/23 16:00	0	55	495	210003
2/19/23 16:30	0	55	495	210003
2/19/23 17:00	0	55	496	210003
2/19/23 17:30	0	55	496	210003
2/19/23 18:00	0	55	496	210003
2/19/23 18:30	0	55	496	210003
2/19/23 19:00	0	55	496	210003
2/19/23 19:30	0	55	495	210003
2/19/23 20:00	0	55	495	210003
2/19/23 20:30	0	55	495	210003
2/19/23 21:00	0	55	495	210003
2/19/23 21:30	0	55	495	210003
2/19/23 22:00	0	55	495	210003
2/19/23 22:30	0	55	495	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/19/23 23:00	0	55	495	210003
2/19/23 23:30	0	55	495	210003
2/20/23 0:00	0	55	495	210003
2/20/23 0:30	0	55	495	210003
2/20/23 1:00	0	55	495	210003
2/20/23 1:30	0	55	495	210003
2/20/23 2:00	0	55	495	210003
2/20/23 2:30	0	55	495	210003
2/20/23 3:00	0	55	495	210003
2/20/23 3:30	0	55	495	210003
2/20/23 4:00	0	55	495	210003
2/20/23 4:30	0	55	495	210003
2/20/23 5:00	0	55	495	210003
2/20/23 5:30	0	55	495	210003
2/20/23 6:00	0	55	495	210003
2/20/23 6:30	0	55	495	210003
2/20/23 7:00	0	55	495	210003
2/20/23 7:30	0	55	495	210003
2/20/23 8:00	0	55	495	210003
2/20/23 8:30	0	55	495	210003
2/20/23 9:00	0	55	495	210003
2/20/23 9:30	0	55	495	210003
2/20/23 10:00	0	55	496	210003
2/20/23 10:30	0	55	496	210003
2/20/23 11:00	0	55	496	210003
2/20/23 11:30	0	55	495	210003
2/20/23 12:00	0	55	495	210003
2/20/23 12:30	0	55	496	210003
2/20/23 13:00	0	55	495	210003
2/20/23 13:30	0	55	495	210003
2/20/23 14:00	0	55	495	210003
2/20/23 14:30	0	55	495	210003
2/20/23 15:00	0	55	495	210003
2/20/23 15:30	0	55	495	210003
2/20/23 16:00	0	55	495	210003
2/20/23 16:30	0	55	495	210003
2/20/23 17:00	0	55	495	210003
2/20/23 17:30	0	55	495	210003
2/20/23 18:00	0	55	495	210003
2/20/23 18:30	0	55	495	210003
2/20/23 19:00	0	55	495	210003
2/20/23 19:30	0	55	495	210003
2/20/23 20:00	0	55	495	210003
2/20/23 20:30	0	55	495	210003
2/20/23 21:00	0	55	495	210003
2/20/23 21:30	0	55	495	210003
2/20/23 22:00	0	55	495	210003
2/20/23 22:30	0	55	495	210003
2/20/23 23:00	0	55	495	210003
2/20/23 23:30	0	55	495	210003
2/21/23 0:00	0	55	495	210003
2/21/23 0:30	0	55	495	210003
2/21/23 1:00	0	55	495	210003
2/21/23 1:30	0	55	495	210003
2/21/23 2:00	0	55	495	210003
2/21/23 2:30	0	55	495	210003
2/21/23 3:00	0	55	495	210003
2/21/23 3:30	0	55	495	210003
2/21/23 4:00	0	55	495	210003
2/21/23 4:30	0	55	495	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/21/23 5:00	0	55	495	210003
2/21/23 5:30	0	55	495	210003
2/21/23 6:00	0	Bad	495	210003
2/21/23 6:30	0	55	495	210003
2/21/23 7:00	0	55	495	210003
2/21/23 7:30	0	55	495	210003
2/21/23 8:00	0	55	495	210003
2/21/23 8:30	0	55	495	210003
2/21/23 9:00	0	55	495	210003
2/21/23 9:30	0	55	495	210003
2/21/23 10:00	0	55	495	210003
2/21/23 10:30	0	55	495	210003
2/21/23 11:00	0	55	495	210003
2/21/23 11:30	0	55	495	210003
2/21/23 12:00	0	55	495	210003
2/21/23 12:30	0	55	495	210003
2/21/23 13:00	0	55	495	210003
2/21/23 13:30	0	55	495	210003
2/21/23 14:00	0	55	495	210003
2/21/23 14:30	0	55	495	210003
2/21/23 15:00	0	55	495	210003
2/21/23 15:30	0	55	495	210003
2/21/23 16:00	0	55	494	210003
2/21/23 16:30	0	55	494	210003
2/21/23 17:00	0	55	494	210003
2/21/23 17:30	0	55	495	210003
2/21/23 18:00	0	55	495	210003
2/21/23 18:30	0	55	495	210003
2/21/23 19:00	0	55	495	210003
2/21/23 19:30	0	55	495	210003
2/21/23 20:00	0	55	495	210003
2/21/23 20:30	0	55	495	210003
2/21/23 21:00	0	55	495	210003
2/21/23 21:30	0	55	495	210003
2/21/23 22:00	0	55	495	210003
2/21/23 22:30	0	55	495	210003
2/21/23 23:00	0	55	495	210003
2/21/23 23:30	0	55	495	210003
2/22/23 0:00	0	55	495	210003
2/22/23 0:30	0	55	495	210003
2/22/23 1:00	0	55	495	210003
2/22/23 1:30	0	55	495	210003
2/22/23 2:00	0	55	495	210003
2/22/23 2:30	0	55	495	210003
2/22/23 3:00	0	55	495	210003
2/22/23 3:30	0	55	495	210003
2/22/23 4:00	0	55	495	210003
2/22/23 4:30	0	55	495	210003
2/22/23 5:00	0	55	495	210003
2/22/23 5:30	0	55	495	210003
2/22/23 6:00	0	55	495	210003
2/22/23 6:30	0	55	495	210003
2/22/23 7:00	0	55	495	210003
2/22/23 7:30	0	55	495	210003
2/22/23 8:00	0	55	495	210003
2/22/23 8:30	0	55	495	210003
2/22/23 9:00	0	55	495	210003
2/22/23 9:30	0	55	495	210003
2/22/23 10:00	0	55	495	210003
2/22/23 10:30	0	55	495	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/22/23 11:00	0	55	495	210003
2/22/23 11:30	0	55	495	210003
2/22/23 12:00	0	55	495	210003
2/22/23 12:30	0	55	494	210003
2/22/23 13:00	0	55	494	210003
2/22/23 13:30	0	55	495	210003
2/22/23 14:00	0	55	495	210003
2/22/23 14:30	0	55	494	210003
2/22/23 15:00	0	55	495	210003
2/22/23 15:30	0	55	495	210003
2/22/23 16:00	0	55	494	210003
2/22/23 16:30	0	55	495	210003
2/22/23 17:00	0	55	495	210003
2/22/23 17:30	0	55	494	210003
2/22/23 18:00	0	55	494	210003
2/22/23 18:30	0	55	494	210003
2/22/23 19:00	0	55	494	210003
2/22/23 19:30	0	55	494	210003
2/22/23 20:00	0	55	494	210003
2/22/23 20:30	0	55	494	210003
2/22/23 21:00	0	55	494	210003
2/22/23 21:30	0	55	494	210003
2/22/23 22:00	0	55	494	210003
2/22/23 22:30	0	55	494	210003
2/22/23 23:00	0	55	494	210003
2/22/23 23:30	0	55	494	210003
2/23/23 0:00	0	55	494	210003
2/23/23 0:30	0	55	494	210003
2/23/23 1:00	0	55	494	210003
2/23/23 1:30	0	55	494	210003
2/23/23 2:00	0	55	494	210003
2/23/23 2:30	0	55	494	210003
2/23/23 3:00	0	55	494	210003
2/23/23 3:30	0	55	494	210003
2/23/23 4:00	0	55	494	210003
2/23/23 4:30	0	55	494	210003
2/23/23 5:00	0	55	494	210003
2/23/23 5:30	0	55	494	210003
2/23/23 6:00	0	55	494	210003
2/23/23 6:30	0	55	494	210003
2/23/23 7:00	0	55	494	210003
2/23/23 7:30	0	55	494	210003
2/23/23 8:00	0	55	494	210003
2/23/23 8:30	0	55	494	210003
2/23/23 9:00	0	55	494	210003
2/23/23 9:30	0	55	494	210003
2/23/23 10:00	0	55	494	210003
2/23/23 10:30	0	55	494	210003
2/23/23 11:00	0	55	494	210003
2/23/23 11:30	0	55	494	210003
2/23/23 12:00	0	55	494	210003
2/23/23 12:30	0	55	494	210003
2/23/23 13:00	0	55	494	210003
2/23/23 13:30	0	55	494	210003
2/23/23 14:00	0	55	494	210003
2/23/23 14:30	0	55	494	210003
2/23/23 15:00	0	55	494	210003
2/23/23 15:30	0	55	494	210003
2/23/23 16:00	0	55	494	210003
2/23/23 16:30	0	55	494	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/23/23 17:00	0	55	494	210003
2/23/23 17:30	0	55	494	210003
2/23/23 18:00	0	55	494	210003
2/23/23 18:30	0	55	494	210003
2/23/23 19:00	0	55	494	210003
2/23/23 19:30	0	55	494	210003
2/23/23 20:00	0	55	493	210003
2/23/23 20:30	0	55	493	210003
2/23/23 21:00	0	55	494	210003
2/23/23 21:30	0	55	494	210003
2/23/23 22:00	0	55	494	210003
2/23/23 22:30	0	55	494	210003
2/23/23 23:00	0	55	494	210003
2/23/23 23:30	0	55	494	210003
2/24/23 0:00	0	55	494	210003
2/24/23 0:30	0	55	494	210003
2/24/23 1:00	0	55	494	210003
2/24/23 1:30	0	55	494	210003
2/24/23 2:00	0	55	494	210003
2/24/23 2:30	0	55	494	210003
2/24/23 3:00	0	55	494	210003
2/24/23 3:30	0	55	494	210003
2/24/23 4:00	0	55	494	210003
2/24/23 4:30	0	55	494	210003
2/24/23 5:00	0	55	494	210003
2/24/23 5:30	0	55	494	210003
2/24/23 6:00	0	55	494	210003
2/24/23 6:30	0	55	493	210003
2/24/23 7:00	0	55	494	210003
2/24/23 7:30	0	55	494	210003
2/24/23 8:00	0	55	493	210003
2/24/23 8:30	0	Bad	493	210003
2/24/23 9:00	0	55	493	210003
2/24/23 9:30	0	55	494	210003
2/24/23 10:00	0	55	494	210003
2/24/23 10:30	0	55	494	210003
2/24/23 11:00	0	55	494	210003
2/24/23 11:30	0	55	494	210003
2/24/23 12:00	0	55	493	210003
2/24/23 12:30	0	55	493	210003
2/24/23 13:00	0	55	494	210003
2/24/23 13:30	0	55	494	210003
2/24/23 14:00	0	56	494	210003
2/24/23 14:30	0	56	493	210003
2/24/23 15:00	0	56	493	210003
2/24/23 15:30	0	56	493	210003
2/24/23 16:00	0	56	494	210003
2/24/23 16:30	0	56	494	210003
2/24/23 17:00	0	56	493	210003
2/24/23 17:30	0	56	493	210003
2/24/23 18:00	0	56	493	210003
2/24/23 18:30	0	56	493	210003
2/24/23 19:00	0	56	493	210003
2/24/23 19:30	0	56	493	210003
2/24/23 20:00	0	56	493	210003
2/24/23 20:30	0	56	493	210003
2/24/23 21:00	0	56	493	210003
2/24/23 21:30	0	56	493	210003
2/24/23 22:00	0	56	493	210003
2/24/23 22:30	0	56	493	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/24/23 23:00	0	56	493	210003
2/24/23 23:30	0	56	493	210003
2/25/23 0:00	0	56	493	210003
2/25/23 0:30	0	56	493	210003
2/25/23 1:00	0	56	493	210003
2/25/23 1:30	0	56	493	210003
2/25/23 2:00	0	56	493	210003
2/25/23 2:30	0	56	493	210003
2/25/23 3:00	0	56	493	210003
2/25/23 3:30	0	56	493	210003
2/25/23 4:00	0	56	493	210003
2/25/23 4:30	0	56	493	210003
2/25/23 5:00	0	56	493	210003
2/25/23 5:30	0	56	493	210003
2/25/23 6:00	0	56	493	210003
2/25/23 6:30	0	56	493	210003
2/25/23 7:00	0	56	493	210003
2/25/23 7:30	0	56	493	210003
2/25/23 8:00	0	56	493	210003
2/25/23 8:30	0	56	493	210003
2/25/23 9:00	0	56	493	210003
2/25/23 9:30	0	56	493	210003
2/25/23 10:00	0	56	493	210003
2/25/23 10:30	0	56	493	210003
2/25/23 11:00	0	56	493	210003
2/25/23 11:30	0	56	493	210003
2/25/23 12:00	0	56	493	210003
2/25/23 12:30	0	56	493	210003
2/25/23 13:00	0	56	493	210003
2/25/23 13:30	0	56	493	210003
2/25/23 14:00	0	56	493	210003
2/25/23 14:30	0	56	493	210003
2/25/23 15:00	0	56	493	210003
2/25/23 15:30	0	56	493	210003
2/25/23 16:00	0	56	493	210003
2/25/23 16:30	0	56	493	210003
2/25/23 17:00	0	56	493	210003
2/25/23 17:30	0	56	493	210003
2/25/23 18:00	0	56	493	210003
2/25/23 18:30	0	56	493	210003
2/25/23 19:00	0	56	493	210003
2/25/23 19:30	0	56	493	210003
2/25/23 20:00	0	56	493	210003
2/25/23 20:30	0	56	493	210003
2/25/23 21:00	0	56	493	210003
2/25/23 21:30	0	Bad	493	210003
2/25/23 22:00	0	56	493	210003
2/25/23 22:30	0	56	493	210003
2/25/23 23:00	0	56	493	210003
2/25/23 23:30	0	56	493	210003
2/26/23 0:00	0	56	493	210003
2/26/23 0:30	0	56	493	210003
2/26/23 1:00	0	56	493	210003
2/26/23 1:30	0	56	493	210003
2/26/23 2:00	0	56	493	210003
2/26/23 2:30	0	56	493	210003
2/26/23 3:00	0	56	493	210003
2/26/23 3:30	0	56	493	210003
2/26/23 4:00	0	56	493	210003
2/26/23 4:30	0	56	493	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/26/23 5:00	0	56	493	210003
2/26/23 5:30	0	56	493	210003
2/26/23 6:00	0	56	493	210003
2/26/23 6:30	0	56	493	210003
2/26/23 7:00	0	56	493	210003
2/26/23 7:30	0	56	493	210003
2/26/23 8:00	0	56	493	210003
2/26/23 8:30	0	56	493	210003
2/26/23 9:00	0	56	493	210003
2/26/23 9:30	0	56	493	210003
2/26/23 10:00	0	56	493	210003
2/26/23 10:30	0	56	493	210003
2/26/23 11:00	0	56	493	210003
2/26/23 11:30	0	56	494	210003
2/26/23 12:00	0	56	493	210003
2/26/23 12:30	0	56	493	210003
2/26/23 13:00	0	56	493	210003
2/26/23 13:30	0	56	492	210003
2/26/23 14:00	0	56	492	210003
2/26/23 14:30	0	56	493	210003
2/26/23 15:00	0	56	493	210003
2/26/23 15:30	0	56	493	210003
2/26/23 16:00	0	56	493	210003
2/26/23 16:30	0	56	493	210003
2/26/23 17:00	0	56	493	210003
2/26/23 17:30	0	56	493	210003
2/26/23 18:00	0	56	493	210003
2/26/23 18:30	0	56	492	210003
2/26/23 19:00	0	56	493	210003
2/26/23 19:30	0	56	492	210003
2/26/23 20:00	0	56	492	210003
2/26/23 20:30	0	56	492	210003
2/26/23 21:00	0	56	492	210003
2/26/23 21:30	0	56	492	210003
2/26/23 22:00	0	56	492	210003
2/26/23 22:30	0	56	493	210003
2/26/23 23:00	0	56	493	210003
2/26/23 23:30	0	56	493	210003
2/27/23 0:00	0	56	492	210003
2/27/23 0:30	0	56	492	210003
2/27/23 1:00	0	56	492	210003
2/27/23 1:30	0	56	492	210003
2/27/23 2:00	0	56	492	210003
2/27/23 2:30	0	56	492	210003
2/27/23 3:00	0	56	492	210003
2/27/23 3:30	0	56	492	210003
2/27/23 4:00	0	56	492	210003
2/27/23 4:30	0	56	492	210003
2/27/23 5:00	0	56	492	210003
2/27/23 5:30	0	56	492	210003
2/27/23 6:00	0	56	492	210003
2/27/23 6:30	0	56	492	210003
2/27/23 7:00	0	56	492	210003
2/27/23 7:30	0	56	492	210003
2/27/23 8:00	0	56	492	210003
2/27/23 8:30	0	56	492	210003
2/27/23 9:00	0	56	492	210003
2/27/23 9:30	0	56	493	210003
2/27/23 10:00	0	56	493	210003
2/27/23 10:30	0	56	493	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/27/23 11:00	0	56	493	210003
2/27/23 11:30	0	56	493	210003
2/27/23 12:00	0	56	493	210003
2/27/23 12:30	0	56	493	210003
2/27/23 13:00	0	56	493	210003
2/27/23 13:30	0	56	492	210003
2/27/23 14:00	0	56	492	210003
2/27/23 14:30	0	56	492	210003
2/27/23 15:00	0	56	492	210003
2/27/23 15:30	0	56	492	210003
2/27/23 16:00	0	56	492	210003
2/27/23 16:30	0	56	492	210003
2/27/23 17:00	0	56	492	210003
2/27/23 17:30	0	56	492	210003
2/27/23 18:00	0	56	492	210003
2/27/23 18:30	0	56	492	210003
2/27/23 19:00	0	56	492	210003
2/27/23 19:30	0	56	492	210003
2/27/23 20:00	0	56	492	210003
2/27/23 20:30	0	56	492	210003
2/27/23 21:00	0	56	492	210003
2/27/23 21:30	0	56	492	210003
2/27/23 22:00	0	56	492	210003
2/27/23 22:30	0	56	492	210003
2/27/23 23:00	0	56	492	210003
2/27/23 23:30	0	56	492	210003
2/28/23 0:00	0	56	492	210003
2/28/23 0:30	0	56	492	210003
2/28/23 1:00	0	56	492	210003
2/28/23 1:30	0	56	492	210003
2/28/23 2:00	0	56	492	210003
2/28/23 2:30	0	56	492	210003
2/28/23 3:00	0	56	492	210003
2/28/23 3:30	0	56	492	210003
2/28/23 4:00	0	56	492	210003
2/28/23 4:30	0	56	492	210003
2/28/23 5:00	0	56	492	210003
2/28/23 5:30	0	56	492	210003
2/28/23 6:00	0	56	492	210003
2/28/23 6:30	0	56	492	210003
2/28/23 7:00	0	56	492	210003
2/28/23 7:30	0	56	492	210003
2/28/23 8:00	0	56	492	210003
2/28/23 8:30	0	56	492	210003
2/28/23 9:00	0	56	492	210003
2/28/23 9:30	0	56	492	210003
2/28/23 10:00	0	56	492	210003
2/28/23 10:30	0	56	492	210003
2/28/23 11:00	0	56	492	210003
2/28/23 11:30	0	56	492	210003
2/28/23 12:00	0	56	492	210003
2/28/23 12:30	0	56	492	210003
2/28/23 13:00	0	56	492	210003
2/28/23 13:30	0	56	492	210003
2/28/23 14:00	0	56	492	210003
2/28/23 14:30	0	56	492	210003
2/28/23 15:00	0	56	492	210003
2/28/23 15:30	0	56	492	210003
2/28/23 16:00	0	56	492	210003
2/28/23 16:30	0	56	492	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
2/28/23 17:00	0	56	492	210003
2/28/23 17:30	0	56	492	210003
2/28/23 18:00	0	56	492	210003
2/28/23 18:30	0	56	492	210003
2/28/23 19:00	0	56	492	210003
2/28/23 19:30	0	57	492	210003
2/28/23 20:00	0	57	492	210003
2/28/23 20:30	0	57	492	210003
2/28/23 21:00	0	57	492	210003
2/28/23 21:30	0	57	492	210003
2/28/23 22:00	0	56	492	210003
2/28/23 22:30	0	56	492	210003
2/28/23 23:00	0	56	492	210003
2/28/23 23:30	0	56	492	210003
3/1/23 0:00	0	56	492	210003
3/1/23 0:30	0	56	492	210003
3/1/23 1:00	0	56	492	210003
3/1/23 1:30	0	56	492	210003
3/1/23 2:00	0	56	492	210003
3/1/23 2:30	0	56	492	210003
3/1/23 3:00	0	56	492	210003
3/1/23 3:30	0	56	492	210003
3/1/23 4:00	0	57	492	210003
3/1/23 4:30	0	56	492	210003
3/1/23 5:00	0	56	492	210003
3/1/23 5:30	0	56	492	210003
3/1/23 6:00	0	56	492	210003
3/1/23 6:30	0	56	492	210003
3/1/23 7:00	0	56	492	210003
3/1/23 7:30	0	56	492	210003
3/1/23 8:00	0	56	492	210003
3/1/23 8:30	0	56	492	210003
3/1/23 9:00	0	56	492	210003
3/1/23 9:30	0	56	492	210003
3/1/23 10:00	0	57	492	210003
3/1/23 10:30	0	57	492	210003
3/1/23 11:00	0	56	492	210003
3/1/23 11:30	0	56	492	210003
3/1/23 12:00	0	56	492	210003
3/1/23 12:30	0	56	492	210003
3/1/23 13:00	0	56	492	210003
3/1/23 13:30	0	56	492	210003
3/1/23 14:00	0	56	492	210003
3/1/23 14:30	0	57	492	210003
3/1/23 15:00	0	57	492	210003
3/1/23 15:30	0	56	492	210003
3/1/23 16:00	0	56	491	210003
3/1/23 16:30	0	57	492	210003
3/1/23 17:00	0	57	492	210003
3/1/23 17:30	0	57	491	210003
3/1/23 18:00	0	57	491	210003
3/1/23 18:30	0	57	491	210003
3/1/23 19:00	0	57	491	210003
3/1/23 19:30	0	57	491	210003
3/1/23 20:00	0	57	491	210003
3/1/23 20:30	0	57	492	210003
3/1/23 21:00	0	57	491	210003
3/1/23 21:30	0	57	491	210003
3/1/23 22:00	0	57	491	210003
3/1/23 22:30	0	57	491	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/1/23 23:00	0	57	491	210003
3/1/23 23:30	0	57	491	210003
3/2/23 0:00	0	57	491	210003
3/2/23 0:30	0	Bad	491	210003
3/2/23 1:00	0	57	491	210003
3/2/23 1:30	0	57	491	210003
3/2/23 2:00	0	57	491	210003
3/2/23 2:30	0	57	491	210003
3/2/23 3:00	0	57	491	210003
3/2/23 3:30	0	57	491	210003
3/2/23 4:00	0	57	491	210003
3/2/23 4:30	0	57	492	210003
3/2/23 5:00	0	57	491	210003
3/2/23 5:30	0	57	491	210003
3/2/23 6:00	0	57	491	210003
3/2/23 6:30	0	57	491	210003
3/2/23 7:00	0	57	491	210003
3/2/23 7:30	0	57	491	210003
3/2/23 8:00	0	57	491	210003
3/2/23 8:30	0	57	491	210003
3/2/23 9:00	0	57	491	210003
3/2/23 9:30	0	57	491	210003
3/2/23 10:00	0	57	492	210003
3/2/23 10:30	0	57	492	210003
3/2/23 11:00	0	57	492	210003
3/2/23 11:30	0	57	491	210003
3/2/23 12:00	0	57	491	210003
3/2/23 12:30	0	57	491	210003
3/2/23 13:00	0	57	491	210003
3/2/23 13:30	0	57	492	210003
3/2/23 14:00	0	57	492	210003
3/2/23 14:30	0	57	491	210003
3/2/23 15:00	0	57	491	210003
3/2/23 15:30	0	57	491	210003
3/2/23 16:00	0	57	491	210003
3/2/23 16:30	0	57	491	210003
3/2/23 17:00	0	57	491	210003
3/2/23 17:30	0	57	491	210003
3/2/23 18:00	0	57	491	210003
3/2/23 18:30	0	57	491	210003
3/2/23 19:00	0	57	491	210003
3/2/23 19:30	0	57	491	210003
3/2/23 20:00	0	57	491	210003
3/2/23 20:30	0	57	491	210003
3/2/23 21:00	0	57	491	210003
3/2/23 21:30	0	57	491	210003
3/2/23 22:00	0	57	491	210003
3/2/23 22:30	0	57	491	210003
3/2/23 23:00	0	57	491	210003
3/2/23 23:30	0	57	491	210003
3/3/23 0:00	0	57	491	210003
3/3/23 0:30	0	57	491	210003
3/3/23 1:00	0	57	491	210003
3/3/23 1:30	0	57	491	210003
3/3/23 2:00	0	57	491	210003
3/3/23 2:30	0	57	491	210003
3/3/23 3:00	0	57	491	210003
3/3/23 3:30	0	57	491	210003
3/3/23 4:00	0	57	491	210003
3/3/23 4:30	0	57	491	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/3/23 5:00	0	57	491	210003
3/3/23 5:30	0	57	Bad	210003
3/3/23 6:00	0	57	491	210003
3/3/23 6:30	0	57	491	210003
3/3/23 7:00	0	57	491	210003
3/3/23 7:30	0	57	491	210003
3/3/23 8:00	0	57	491	210003
3/3/23 8:30	0	57	491	210003
3/3/23 9:00	0	57	491	210003
3/3/23 9:30	0	57	491	210003
3/3/23 10:00	0	57	491	210003
3/3/23 10:30	0	57	491	210003
3/3/23 11:00	0	57	491	210003
3/3/23 11:30	0	57	491	210003
3/3/23 12:00	0	57	491	210003
3/3/23 12:30	0	57	491	210003
3/3/23 13:00	0	57	491	210003
3/3/23 13:30	0	57	491	210003
3/3/23 14:00	0	57	491	210003
3/3/23 14:30	0	57	491	210003
3/3/23 15:00	0	57	491	210003
3/3/23 15:30	0	57	491	210003
3/3/23 16:00	0	57	491	210003
3/3/23 16:30	0	57	491	210003
3/3/23 17:00	0	57	491	210003
3/3/23 17:30	0	57	491	210003
3/3/23 18:00	0	57	491	210003
3/3/23 18:30	0	57	491	210003
3/3/23 19:00	0	57	491	210003
3/3/23 19:30	0	57	491	210003
3/3/23 20:00	0	57	490	210003
3/3/23 20:30	0	57	491	210003
3/3/23 21:00	0	57	491	210003
3/3/23 21:30	0	57	491	210003
3/3/23 22:00	0	57	491	210003
3/3/23 22:30	0	57	491	210003
3/3/23 23:00	0	57	491	210003
3/3/23 23:30	0	57	491	210003
3/4/23 0:00	0	57	491	210003
3/4/23 0:30	0	57	491	210003
3/4/23 1:00	0	57	491	210003
3/4/23 1:30	0	57	491	210003
3/4/23 2:00	0	57	491	210003
3/4/23 2:30	0	57	491	210003
3/4/23 3:00	0	57	491	210003
3/4/23 3:30	0	57	491	210003
3/4/23 4:00	0	57	491	210003
3/4/23 4:30	0	57	491	210003
3/4/23 5:00	0	57	491	210003
3/4/23 5:30	0	57	490	210003
3/4/23 6:00	0	57	490	210003
3/4/23 6:30	0	57	491	210003
3/4/23 7:00	0	57	490	210003
3/4/23 7:30	0	57	491	210003
3/4/23 8:00	0	57	Bad	210003
3/4/23 8:30	0	57	490	210003
3/4/23 9:00	0	57	491	210003
3/4/23 9:30	0	57	491	210003
3/4/23 10:00	0	57	491	210003
3/4/23 10:30	0	57	491	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/4/23 11:00	0	57	491	210003
3/4/23 11:30	0	57	491	210003
3/4/23 12:00	0	57	491	210003
3/4/23 12:30	0	57	491	210003
3/4/23 13:00	0	57	491	210003
3/4/23 13:30	0	57	491	210003
3/4/23 14:00	0	57	491	210003
3/4/23 14:30	0	57	491	210003
3/4/23 15:00	0	57	491	210003
3/4/23 15:30	0	57	491	210003
3/4/23 16:00	0	57	491	210003
3/4/23 16:30	0	57	491	210003
3/4/23 17:00	0	57	490	210003
3/4/23 17:30	0	57	490	210003
3/4/23 18:00	0	57	490	210003
3/4/23 18:30	0	57	490	210003
3/4/23 19:00	0	57	490	210003
3/4/23 19:30	0	57	490	210003
3/4/23 20:00	0	57	490	210003
3/4/23 20:30	0	57	490	210003
3/4/23 21:00	0	57	490	210003
3/4/23 21:30	0	57	490	210003
3/4/23 22:00	0	57	490	210003
3/4/23 22:30	0	57	490	210003
3/4/23 23:00	0	57	490	210003
3/4/23 23:30	0	57	490	210003
3/5/23 0:00	0	57	490	210003
3/5/23 0:30	0	57	490	210003
3/5/23 1:00	0	57	490	210003
3/5/23 1:30	0	57	490	210003
3/5/23 2:00	0	57	490	210003
3/5/23 2:30	0	57	490	210003
3/5/23 3:00	0	57	490	210003
3/5/23 3:30	0	57	490	210003
3/5/23 4:00	0	57	490	210003
3/5/23 4:30	0	57	490	210003
3/5/23 5:00	0	57	490	210003
3/5/23 5:30	0	57	490	210003
3/5/23 6:00	0	57	490	210003
3/5/23 6:30	0	57	490	210003
3/5/23 7:00	0	57	490	210003
3/5/23 7:30	0	57	490	210003
3/5/23 8:00	0	57	490	210003
3/5/23 8:30	0	57	490	210003
3/5/23 9:00	0	57	490	210003
3/5/23 9:30	0	57	490	210003
3/5/23 10:00	0	57	491	210003
3/5/23 10:30	0	57	491	210003
3/5/23 11:00	0	57	491	210003
3/5/23 11:30	0	57	491	210003
3/5/23 12:00	0	57	491	210003
3/5/23 12:30	0	57	490	210003
3/5/23 13:00	0	57	490	210003
3/5/23 13:30	0	57	490	210003
3/5/23 14:00	0	57	490	210003
3/5/23 14:30	0	57	490	210003
3/5/23 15:00	0	57	490	210003
3/5/23 15:30	0	57	490	210003
3/5/23 16:00	0	57	490	210003
3/5/23 16:30	0	57	490	210003

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/5/23 17:00	0	57	490	210003
3/5/23 17:30	0	57	490	210003
3/5/23 18:00	0	57	490	210003
3/5/23 18:30	0	57	490	210003
3/5/23 19:00	0	57	490	210003
3/5/23 19:30	0	57	490	210003
3/5/23 20:00	0	58	490	210003
3/5/23 20:30	0	58	Bad	210003
3/5/23 21:00	0	58	490	210003
3/5/23 21:30	0	58	490	210003
3/5/23 22:00	0	58	490	210003
3/5/23 22:30	0	58	490	210003
3/5/23 23:00	0	58	490	210003
3/5/23 23:30	0	58	490	210003
3/6/23 0:00	0	58	490	210003
3/6/23 0:30	0	58	490	210003
3/6/23 1:00	0	58	490	210003
3/6/23 1:30	0	58	490	210003
3/6/23 2:00	0	58	490	210003
3/6/23 2:30	0	58	490	210003
3/6/23 3:00	0	58	490	210003
3/6/23 3:30	0	58	490	210003
3/6/23 4:00	0	58	490	210003
3/6/23 4:30	0	58	490	210003
3/6/23 5:00	0	58	490	210003
3/6/23 5:30	0	58	490	210003
3/6/23 6:00	0	58	490	210003
3/6/23 6:30	0	58	490	210003
3/6/23 7:00	0	58	490	210003
3/6/23 7:30	0	58	490	210003
3/6/23 8:00	0	58	490	210003
3/6/23 8:30	0	58	490	210003
3/6/23 9:00	0	58	490	210003
3/6/23 9:30	0	58	490	210003
3/6/23 10:00	0	58	490	210003
3/6/23 10:30	0	58	490	210003
3/6/23 11:00	0	58	490	210003
3/6/23 11:30	0	58	490	210003
3/6/23 12:00	0	58	490	210003
3/6/23 12:30	0	58	490	210003
3/6/23 13:00	0	58	490	210003
3/6/23 13:30	0	58	490	210003
3/6/23 14:00	0	58	490	210003
3/6/23 14:30	0	58	489	210003
3/6/23 15:00	0	58	490	210003
3/6/23 15:30	0	56	490	210003
3/6/23 16:00	0	56	490	210003
3/6/23 16:30	0	56	489	210003
3/6/23 17:00	35	-7	733	210016
3/6/23 17:30	34	-7	829	210040
3/6/23 18:00	33	-7	881	210064
3/6/23 18:30	34	-7	917	210089
3/6/23 19:00	33	-7	944	210113
3/6/23 19:30	35	-7	969	210137
3/6/23 20:00	33	-7	991	210161
3/6/23 20:30	32	-7	1007	210185
3/6/23 21:00	32	-7	1020	210209
3/6/23 21:30	34	-7	1030	210233
3/6/23 22:00	33	-7	1040	210257
3/6/23 22:30	33	-7	1050	210281

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/6/23 23:00	33	-7	1059	210305
3/6/23 23:30	33	-7	1068	210328
3/7/23 0:00	33	-7	1077	210352
3/7/23 0:30	33	-7	1085	210376
3/7/23 1:00	34	-7	1093	210400
3/7/23 1:30	34	-7	1100	210424
3/7/23 2:00	34	-7	1104	210447
3/7/23 2:30	34	-7	1110	210471
3/7/23 3:00	34	-7	1116	210495
3/7/23 3:30	32	-7	1120	210519
3/7/23 4:00	33	-7	1125	210543
3/7/23 4:30	34	-7	1130	210567
3/7/23 5:00	35	-7	1136	210591
3/7/23 5:30	34	-7	1130	210614
3/7/23 6:00	33	-7	1131	210637
3/7/23 6:30	33	-7	1134	210660
3/7/23 7:00	32	-7	1138	210683
3/7/23 7:30	32	-7	1141	210706
3/7/23 8:00	31	-7	1144	210729
3/7/23 8:30	34	-7	1147	210752
3/7/23 9:00	32	-7	1150	210775
3/7/23 9:30	32	-7	1153	210798
3/7/23 10:00	33	-7	1154	210821
3/7/23 10:30	0	-7	926	210909
3/7/23 11:00	0	-7	848	210909
3/7/23 11:30	0	-7	804	210909
3/7/23 12:00	0	-7	773	210909
3/7/23 12:30	0	-7	751	210909
3/7/23 13:00	0	-7	733	210909
3/7/23 13:30	0	-7	718	210909
3/7/23 14:00	0	-7	705	210909
3/7/23 14:30	0	-7	694	210909
3/7/23 15:00	0	-7	685	210909
3/7/23 15:30	0	-7	677	210909
3/7/23 16:00	0	-7	670	210909
3/7/23 16:30	0	-7	663	210909
3/7/23 17:00	0	-7	657	210909
3/7/23 17:30	0	-7	652	210909
3/7/23 18:00	0	-7	647	210909
3/7/23 18:30	0	-7	642	210909
3/7/23 19:00	0	-7	Bad	210909
3/7/23 19:30	0	-7	634	210909
3/7/23 20:00	0	-7	630	210909
3/7/23 20:30	0	-7	627	210909
3/7/23 21:00	0	-7	624	210909
3/7/23 21:30	0	-7	621	210909
3/7/23 22:00	0	-7	618	210909
3/7/23 22:30	0	-7	615	210909
3/7/23 23:00	0	-7	613	210909
3/7/23 23:30	0	-7	610	210909
3/8/23 0:00	0	-7	608	210909
3/8/23 0:30	0	-7	606	210909
3/8/23 1:00	0	-7	604	210909
3/8/23 1:30	0	-7	602	210909
3/8/23 2:00	0	-7	600	210909
3/8/23 2:30	0	-7	598	210909
3/8/23 3:00	0	-7	596	210909
3/8/23 3:30	0	-7	594	210909
3/8/23 4:00	0	-7	593	210909
3/8/23 4:30	0	-7	592	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/8/23 5:00	0	-7	590	210909
3/8/23 5:30	0	-7	589	210909
3/8/23 6:00	0	-7	587	210909
3/8/23 6:30	0	-7	586	210909
3/8/23 7:00	0	-7	585	210909
3/8/23 7:30	0	-7	583	210909
3/8/23 8:00	0	-7	582	210909
3/8/23 8:30	0	-7	581	210909
3/8/23 9:00	0	-7	580	210909
3/8/23 9:30	0	-7	579	210909
3/8/23 10:00	0	-6	578	210909
3/8/23 10:30	0	-6	577	210909
3/8/23 11:00	0	-6	576	210909
3/8/23 11:30	0	-6	575	210909
3/8/23 12:00	0	-6	574	210909
3/8/23 12:30	0	-6	573	210909
3/8/23 13:00	0	-6	572	210909
3/8/23 13:30	0	-5	571	210909
3/8/23 14:00	0	-5	570	210909
3/8/23 14:30	0	-5	569	210909
3/8/23 15:00	0	-5	568	210909
3/8/23 15:30	0	-5	568	210909
3/8/23 16:00	0	-5	567	210909
3/8/23 16:30	0	-4	566	210909
3/8/23 17:00	0	-4	566	210909
3/8/23 17:30	0	-4	565	210909
3/8/23 18:00	0	-4	564	210909
3/8/23 18:30	0	-4	564	210909
3/8/23 19:00	0	-4	563	210909
3/8/23 19:30	0	-4	562	210909
3/8/23 20:00	0	-3	562	210909
3/8/23 20:30	0	-3	561	210909
3/8/23 21:00	0	-3	561	210909
3/8/23 21:30	0	-3	560	210909
3/8/23 22:00	0	-3	559	210909
3/8/23 22:30	0	-3	559	210909
3/8/23 23:00	0	-2	558	210909
3/8/23 23:30	0	-2	558	210909
3/9/23 0:00	0	-2	557	210909
3/9/23 0:30	0	-2	557	210909
3/9/23 1:00	0	-2	556	210909
3/9/23 1:30	0	-2	556	210909
3/9/23 2:00	0	-2	555	210909
3/9/23 2:30	0	-1	555	210909
3/9/23 3:00	0	-1	554	210909
3/9/23 3:30	0	-1	554	210909
3/9/23 4:00	0	-1	553	210909
3/9/23 4:30	0	-1	553	210909
3/9/23 5:00	0	-1	552	210909
3/9/23 5:30	0	-1	552	210909
3/9/23 6:00	0	0	551	210909
3/9/23 6:30	0	0	551	210909
3/9/23 7:00	0	0	551	210909
3/9/23 7:30	0	0	550	210909
3/9/23 8:00	0	0	550	210909
3/9/23 8:30	0	0	550	210909
3/9/23 9:00	0	1	549	210909
3/9/23 9:30	0	1	549	210909
3/9/23 10:00	0	1	549	210909
3/9/23 10:30	0	1	549	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/9/23 11:00	0	1	548	210909
3/9/23 11:30	0	1	548	210909
3/9/23 12:00	0	2	547	210909
3/9/23 12:30	0	2	547	210909
3/9/23 13:00	0	2	546	210909
3/9/23 13:30	0	2	546	210909
3/9/23 14:00	0	2	546	210909
3/9/23 14:30	0	3	545	210909
3/9/23 15:00	0	3	545	210909
3/9/23 15:30	0	3	545	210909
3/9/23 16:00	0	3	545	210909
3/9/23 16:30	0	3	544	210909
3/9/23 17:00	0	3	543	210909
3/9/23 17:30	0	4	543	210909
3/9/23 18:00	0	4	543	210909
3/9/23 18:30	0	4	543	210909
3/9/23 19:00	0	4	543	210909
3/9/23 19:30	0	4	542	210909
3/9/23 20:00	0	5	542	210909
3/9/23 20:30	0	5	541	210909
3/9/23 21:00	0	5	541	210909
3/9/23 21:30	0	5	541	210909
3/9/23 22:00	0	5	541	210909
3/9/23 22:30	0	5	541	210909
3/9/23 23:00	0	6	541	210909
3/9/23 23:30	0	6	540	210909
3/10/23 0:00	0	6	540	210909
3/10/23 0:30	0	6	540	210909
3/10/23 1:00	0	6	539	210909
3/10/23 1:30	0	6	539	210909
3/10/23 2:00	0	6	539	210909
3/10/23 2:30	0	6	539	210909
3/10/23 3:00	0	7	539	210909
3/10/23 3:30	0	7	538	210909
3/10/23 4:00	0	7	538	210909
3/10/23 4:30	0	7	538	210909
3/10/23 5:00	0	7	538	210909
3/10/23 5:30	0	8	538	210909
3/10/23 6:00	0	8	537	210909
3/10/23 6:30	0	8	537	210909
3/10/23 7:00	0	8	537	210909
3/10/23 7:30	0	8	537	210909
3/10/23 8:00	0	8	536	210909
3/10/23 8:30	0	8	536	210909
3/10/23 9:00	0	9	536	210909
3/10/23 9:30	0	9	536	210909
3/10/23 10:00	0	9	536	210909
3/10/23 10:30	0	9	536	210909
3/10/23 11:00	0	9	536	210909
3/10/23 11:30	0	9	535	210909
3/10/23 12:00	0	10	535	210909
3/10/23 12:30	0	10	535	210909
3/10/23 13:00	0	10	535	210909
3/10/23 13:30	0	10	534	210909
3/10/23 14:00	0	11	534	210909
3/10/23 14:30	0	11	534	210909
3/10/23 15:00	0	11	534	210909
3/10/23 15:30	0	11	534	210909
3/10/23 16:00	0	11	533	210909
3/10/23 16:30	0	11	533	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/10/23 17:00	0	12	533	210909
3/10/23 17:30	0	12	533	210909
3/10/23 18:00	0	12	532	210909
3/10/23 18:30	0	12	532	210909
3/10/23 19:00	0	12	532	210909
3/10/23 19:30	0	12	532	210909
3/10/23 20:00	0	13	532	210909
3/10/23 20:30	0	13	532	210909
3/10/23 21:00	0	13	532	210909
3/10/23 21:30	0	13	532	210909
3/10/23 22:00	0	13	531	210909
3/10/23 22:30	0	13	531	210909
3/10/23 23:00	0	14	531	210909
3/10/23 23:30	0	14	531	210909
3/11/23 0:00	0	14	531	210909
3/11/23 0:30	0	14	531	210909
3/11/23 1:00	0	14	530	210909
3/11/23 1:30	0	15	530	210909
3/11/23 2:00	0	15	530	210909
3/11/23 2:30	0	15	530	210909
3/11/23 3:00	0	15	530	210909
3/11/23 3:30	0	15	530	210909
3/11/23 4:00	0	15	530	210909
3/11/23 4:30	0	15	529	210909
3/11/23 5:00	0	16	529	210909
3/11/23 5:30	0	16	529	210909
3/11/23 6:00	0	16	529	210909
3/11/23 6:30	0	16	529	210909
3/11/23 7:00	0	16	529	210909
3/11/23 7:30	0	16	529	210909
3/11/23 8:00	0	17	529	210909
3/11/23 8:30	0	17	528	210909
3/11/23 9:00	0	17	528	210909
3/11/23 9:30	0	17	528	210909
3/11/23 10:00	0	17	528	210909
3/11/23 10:30	0	17	528	210909
3/11/23 11:00	0	18	528	210909
3/11/23 11:30	0	18	528	210909
3/11/23 12:00	0	18	527	210909
3/11/23 12:30	0	18	528	210909
3/11/23 13:00	0	18	527	210909
3/11/23 13:30	0	18	527	210909
3/11/23 14:00	0	19	527	210909
3/11/23 14:30	0	19	527	210909
3/11/23 15:00	0	19	527	210909
3/11/23 15:30	0	19	527	210909
3/11/23 16:00	0	19	527	210909
3/11/23 16:30	0	19	526	210909
3/11/23 17:00	0	20	526	210909
3/11/23 17:30	0	20	526	210909
3/11/23 18:00	0	20	526	210909
3/11/23 18:30	0	20	526	210909
3/11/23 19:00	0	20	526	210909
3/11/23 19:30	0	20	526	210909
3/11/23 20:00	0	21	526	210909
3/11/23 20:30	0	21	525	210909
3/11/23 21:00	0	21	525	210909
3/11/23 21:30	0	21	525	210909
3/11/23 22:00	0	21	525	210909
3/11/23 22:30	0	21	525	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/11/23 23:00	0	21	525	210909
3/11/23 23:30	0	22	525	210909
3/12/23 0:00	0	22	525	210909
3/12/23 0:30	0	22	525	210909
3/12/23 1:00	0	22	524	210909
3/12/23 1:30	0	22	524	210909
3/12/23 3:00	0	22	524	210909
3/12/23 3:30	0	22	524	210909
3/12/23 4:00	0	23	524	210909
3/12/23 4:30	0	23	524	210909
3/12/23 5:00	0	23	524	210909
3/12/23 5:30	0	23	524	210909
3/12/23 6:00	0	23	524	210909
3/12/23 6:30	0	23	523	210909
3/12/23 7:00	0	23	523	210909
3/12/23 7:30	0	24	523	210909
3/12/23 8:00	0	24	523	210909
3/12/23 8:30	0	24	523	210909
3/12/23 9:00	0	24	523	210909
3/12/23 9:30	0	24	523	210909
3/12/23 10:00	0	24	523	210909
3/12/23 10:30	0	24	523	210909
3/12/23 11:00	0	24	523	210909
3/12/23 11:30	0	25	523	210909
3/12/23 12:00	0	25	523	210909
3/12/23 12:30	0	25	523	210909
3/12/23 13:00	0	25	522	210909
3/12/23 13:30	0	25	522	210909
3/12/23 14:00	0	26	522	210909
3/12/23 14:30	0	26	522	210909
3/12/23 15:00	0	26	522	210909
3/12/23 15:30	0	26	522	210909
3/12/23 16:00	0	26	521	210909
3/12/23 16:30	0	26	521	210909
3/12/23 17:00	0	27	521	210909
3/12/23 17:30	0	27	521	210909
3/12/23 18:00	0	27	521	210909
3/12/23 18:30	0	27	521	210909
3/12/23 19:00	0	27	521	210909
3/12/23 19:30	0	27	521	210909
3/12/23 20:00	0	27	521	210909
3/12/23 20:30	0	27	521	210909
3/12/23 21:00	0	28	521	210909
3/12/23 21:30	0	28	521	210909
3/12/23 22:00	0	28	520	210909
3/12/23 22:30	0	28	521	210909
3/12/23 23:00	0	28	520	210909
3/12/23 23:30	0	28	520	210909
3/13/23 0:00	0	28	520	210909
3/13/23 0:30	0	28	520	210909
3/13/23 1:00	0	28	520	210909
3/13/23 1:30	0	28	520	210909
3/13/23 2:00	0	29	520	210909
3/13/23 2:30	0	29	520	210909
3/13/23 3:00	0	29	520	210909
3/13/23 3:30	0	29	520	210909
3/13/23 4:00	0	29	520	210909
3/13/23 4:30	0	29	520	210909
3/13/23 5:00	0	29	519	210909
3/13/23 5:30	0	29	519	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/13/23 6:00	0	29	519	210909
3/13/23 6:30	0	30	519	210909
3/13/23 7:00	0	30	519	210909
3/13/23 7:30	0	30	519	210909
3/13/23 8:00	0	30	519	210909
3/13/23 8:30	0	30	519	210909
3/13/23 9:00	0	30	519	210909
3/13/23 9:30	0	30	519	210909
3/13/23 10:00	0	30	519	210909
3/13/23 10:30	0	30	519	210909
3/13/23 11:00	0	31	519	210909
3/13/23 11:30	0	31	519	210909
3/13/23 12:00	0	31	519	210909
3/13/23 12:30	0	31	519	210909
3/13/23 13:00	0	31	519	210909
3/13/23 13:30	0	31	519	210909
3/13/23 14:00	0	32	518	210909
3/13/23 14:30	0	32	518	210909
3/13/23 15:00	0	32	518	210909
3/13/23 15:30	0	32	518	210909
3/13/23 16:00	0	32	518	210909
3/13/23 16:30	0	32	517	210909
3/13/23 17:00	0	32	518	210909
3/13/23 17:30	0	33	518	210909
3/13/23 18:00	0	33	518	210909
3/13/23 18:30	0	33	517	210909
3/13/23 19:00	0	33	517	210909
3/13/23 19:30	0	33	517	210909
3/13/23 20:00	0	33	517	210909
3/13/23 20:30	0	33	517	210909
3/13/23 21:00	0	33	517	210909
3/13/23 21:30	0	33	517	210909
3/13/23 22:00	0	33	517	210909
3/13/23 22:30	0	33	517	210909
3/13/23 23:00	0	33	517	210909
3/13/23 23:30	0	34	517	210909
3/14/23 0:00	0	34	517	210909
3/14/23 0:30	0	34	517	210909
3/14/23 1:00	0	34	517	210909
3/14/23 1:30	0	34	517	210909
3/14/23 2:00	0	34	517	210909
3/14/23 2:30	0	34	517	210909
3/14/23 3:00	0	34	517	210909
3/14/23 3:30	0	34	517	210909
3/14/23 4:00	0	34	516	210909
3/14/23 4:30	0	34	516	210909
3/14/23 5:00	0	34	516	210909
3/14/23 5:30	0	35	516	210909
3/14/23 6:00	0	35	516	210909
3/14/23 6:30	0	35	516	210909
3/14/23 7:00	0	35	516	210909
3/14/23 7:30	0	35	516	210909
3/14/23 8:00	0	35	516	210909
3/14/23 8:30	0	35	516	210909
3/14/23 9:00	0	35	516	210909
3/14/23 9:30	0	35	516	210909
3/14/23 10:00	0	35	516	210909
3/14/23 10:30	0	35	516	210909
3/14/23 11:00	0	36	516	210909
3/14/23 11:30	0	36	516	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/14/23 12:00	0	36	516	210909
3/14/23 12:30	0	36	515	210909
3/14/23 13:00	0	36	515	210909
3/14/23 13:30	0	36	515	210909
3/14/23 14:00	0	36	515	210909
3/14/23 14:30	0	37	515	210909
3/14/23 15:00	0	37	515	210909
3/14/23 15:30	0	37	515	210909
3/14/23 16:00	0	37	515	210909
3/14/23 16:30	0	37	515	210909
3/14/23 17:00	0	37	515	210909
3/14/23 17:30	0	37	515	210909
3/14/23 18:00	0	38	515	210909
3/14/23 18:30	0	38	515	210909
3/14/23 19:00	0	38	514	210909
3/14/23 19:30	0	38	514	210909
3/14/23 20:00	0	38	514	210909
3/14/23 20:30	0	38	514	210909
3/14/23 21:00	0	38	514	210909
3/14/23 21:30	0	38	514	210909
3/14/23 22:00	0	38	514	210909
3/14/23 22:30	0	38	514	210909
3/14/23 23:00	0	38	514	210909
3/14/23 23:30	0	38	514	210909
3/15/23 0:00	0	39	514	210909
3/15/23 0:30	0	39	514	210909
3/15/23 1:00	0	39	514	210909
3/15/23 1:30	0	39	514	210909
3/15/23 2:00	0	39	514	210909
3/15/23 2:30	0	39	514	210909
3/15/23 3:00	0	39	514	210909
3/15/23 3:30	0	39	514	210909
3/15/23 4:00	0	39	514	210909
3/15/23 4:30	0	39	514	210909
3/15/23 5:00	0	39	514	210909
3/15/23 5:30	0	39	514	210909
3/15/23 6:00	0	39	514	210909
3/15/23 6:30	0	39	513	210909
3/15/23 7:00	0	39	513	210909
3/15/23 7:30	0	40	513	210909
3/15/23 8:00	0	40	513	210909
3/15/23 8:30	0	40	513	210909
3/15/23 9:00	0	40	513	210909
3/15/23 9:30	0	40	513	210909
3/15/23 10:00	0	40	513	210909
3/15/23 10:30	0	40	513	210909
3/15/23 11:00	0	40	513	210909
3/15/23 11:30	0	40	513	210909
3/15/23 12:00	0	40	513	210909
3/15/23 12:30	0	40	513	210909
3/15/23 13:00	0	40	513	210909
3/15/23 13:30	0	40	513	210909
3/15/23 14:00	0	41	512	210909
3/15/23 14:30	0	41	513	210909
3/15/23 15:00	0	41	513	210909
3/15/23 15:30	0	41	513	210909
3/15/23 16:00	0	41	512	210909
3/15/23 16:30	0	41	512	210909
3/15/23 17:00	0	41	513	210909
3/15/23 17:30	0	41	513	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/15/23 18:00	0	41	512	210909
3/15/23 18:30	0	41	512	210909
3/15/23 19:00	0	41	512	210909
3/15/23 19:30	0	41	512	210909
3/15/23 20:00	0	41	512	210909
3/15/23 20:30	0	42	512	210909
3/15/23 21:00	0	42	512	210909
3/15/23 21:30	0	42	512	210909
3/15/23 22:00	0	42	512	210909
3/15/23 22:30	0	42	512	210909
3/15/23 23:00	0	42	512	210909
3/15/23 23:30	0	42	512	210909
3/16/23 0:00	0	42	512	210909
3/16/23 0:30	0	42	512	210909
3/16/23 1:00	0	42	512	210909
3/16/23 1:30	0	42	512	210909
3/16/23 2:00	0	42	511	210909
3/16/23 2:30	0	42	511	210909
3/16/23 3:00	0	42	511	210909
3/16/23 3:30	0	42	511	210909
3/16/23 4:00	0	42	511	210909
3/16/23 4:30	0	43	511	210909
3/16/23 5:00	0	43	511	210909
3/16/23 5:30	0	43	511	210909
3/16/23 6:00	0	43	511	210909
3/16/23 6:30	0	43	511	210909
3/16/23 7:00	0	43	511	210909
3/16/23 7:30	0	43	511	210909
3/16/23 8:00	0	43	511	210909
3/16/23 8:30	0	43	511	210909
3/16/23 9:00	0	43	511	210909
3/16/23 9:30	0	43	511	210909
3/16/23 10:00	0	43	511	210909
3/16/23 10:30	0	43	511	210909
3/16/23 11:00	0	43	511	210909
3/16/23 11:30	0	43	511	210909
3/16/23 12:00	0	43	511	210909
3/16/23 12:30	0	43	511	210909
3/16/23 13:00	0	44	511	210909
3/16/23 13:30	0	44	511	210909
3/16/23 14:00	0	44	511	210909
3/16/23 14:30	0	44	511	210909
3/16/23 15:00	0	44	510	210909
3/16/23 15:30	0	44	511	210909
3/16/23 16:00	0	44	511	210909
3/16/23 16:30	0	44	510	210909
3/16/23 17:00	0	44	510	210909
3/16/23 17:30	0	44	510	210909
3/16/23 18:00	0	44	510	210909
3/16/23 18:30	0	45	510	210909
3/16/23 19:00	0	45	510	210909
3/16/23 19:30	0	45	510	210909
3/16/23 20:00	0	45	510	210909
3/16/23 20:30	0	45	510	210909
3/16/23 21:00	0	45	509	210909
3/16/23 21:30	0	45	509	210909
3/16/23 22:00	0	45	510	210909
3/16/23 22:30	0	45	510	210909
3/16/23 23:00	0	45	510	210909
3/16/23 23:30	0	45	510	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/17/23 0:00	0	45	510	210909
3/17/23 0:30	0	45	509	210909
3/17/23 1:00	0	45	509	210909
3/17/23 1:30	0	45	509	210909
3/17/23 2:00	0	45	509	210909
3/17/23 2:30	0	45	509	210909
3/17/23 3:00	0	45	509	210909
3/17/23 3:30	0	45	509	210909
3/17/23 4:00	0	45	509	210909
3/17/23 4:30	0	45	509	210909
3/17/23 5:00	0	45	509	210909
3/17/23 5:30	0	45	509	210909
3/17/23 6:00	0	45	509	210909
3/17/23 6:30	0	45	509	210909
3/17/23 7:00	0	45	509	210909
3/17/23 7:30	0	45	509	210909
3/17/23 8:00	0	46	509	210909
3/17/23 8:30	0	46	509	210909
3/17/23 9:00	0	46	509	210909
3/17/23 9:30	0	46	509	210909
3/17/23 10:00	0	46	509	210909
3/17/23 10:30	0	46	509	210909
3/17/23 11:00	0	46	509	210909
3/17/23 11:30	0	46	510	210909
3/17/23 12:00	0	46	509	210909
3/17/23 12:30	0	46	509	210909
3/17/23 13:00	0	46	509	210909
3/17/23 13:30	0	46	509	210909
3/17/23 14:00	0	46	508	210909
3/17/23 14:30	0	47	508	210909
3/17/23 15:00	0	47	508	210909
3/17/23 15:30	0	47	509	210909
3/17/23 16:00	0	47	508	210909
3/17/23 16:30	0	47	508	210909
3/17/23 17:00	0	47	508	210909
3/17/23 17:30	0	47	508	210909
3/17/23 18:00	0	47	509	210909
3/17/23 18:30	0	47	508	210909
3/17/23 19:00	0	47	508	210909
3/17/23 19:30	0	47	508	210909
3/17/23 20:00	0	48	508	210909
3/17/23 20:30	0	48	508	210909
3/17/23 21:00	0	48	508	210909
3/17/23 21:30	0	48	508	210909
3/17/23 22:00	0	48	508	210909
3/17/23 22:30	0	48	508	210909
3/17/23 23:00	0	48	508	210909
3/17/23 23:30	0	48	508	210909
3/18/23 0:00	0	48	508	210909
3/18/23 0:30	0	48	508	210909
3/18/23 1:00	0	48	508	210909
3/18/23 1:30	0	48	508	210909
3/18/23 2:00	0	48	508	210909
3/18/23 2:30	0	48	508	210909
3/18/23 3:00	0	48	508	210909
3/18/23 3:30	0	48	507	210909
3/18/23 4:00	0	48	507	210909
3/18/23 4:30	0	48	507	210909
3/18/23 5:00	0	48	507	210909
3/18/23 5:30	0	48	507	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/18/23 6:00	0	48	507	210909
3/18/23 6:30	0	48	507	210909
3/18/23 7:00	0	48	507	210909
3/18/23 7:30	0	48	507	210909
3/18/23 8:00	0	48	507	210909
3/18/23 8:30	0	48	507	210909
3/18/23 9:00	0	48	507	210909
3/18/23 9:30	0	48	507	210909
3/18/23 10:00	0	48	507	210909
3/18/23 10:30	0	48	508	210909
3/18/23 11:00	0	48	508	210909
3/18/23 11:30	0	48	508	210909
3/18/23 12:00	0	48	507	210909
3/18/23 12:30	0	48	507	210909
3/18/23 13:00	0	49	507	210909
3/18/23 13:30	0	49	507	210909
3/18/23 14:00	0	49	507	210909
3/18/23 14:30	0	49	507	210909
3/18/23 15:00	0	49	507	210909
3/18/23 15:30	0	49	507	210909
3/18/23 16:00	0	49	507	210909
3/18/23 16:30	0	49	507	210909
3/18/23 17:00	0	49	507	210909
3/18/23 17:30	0	49	507	210909
3/18/23 18:00	0	50	507	210909
3/18/23 18:30	0	50	506	210909
3/18/23 19:00	0	50	506	210909
3/18/23 19:30	0	50	506	210909
3/18/23 20:00	0	50	506	210909
3/18/23 20:30	0	50	506	210909
3/18/23 21:00	0	50	506	210909
3/18/23 21:30	0	50	506	210909
3/18/23 22:00	0	50	506	210909
3/18/23 22:30	0	50	506	210909
3/18/23 23:00	0	50	506	210909
3/18/23 23:30	0	50	506	210909
3/19/23 0:00	0	50	506	210909
3/19/23 0:30	0	50	506	210909
3/19/23 1:00	0	50	506	210909
3/19/23 1:30	0	50	506	210909
3/19/23 2:00	0	50	506	210909
3/19/23 2:30	0	50	506	210909
3/19/23 3:00	0	50	506	210909
3/19/23 3:30	0	50	506	210909
3/19/23 4:00	0	50	506	210909
3/19/23 4:30	0	50	506	210909
3/19/23 5:00	0	50	506	210909
3/19/23 5:30	0	50	506	210909
3/19/23 6:00	0	50	506	210909
3/19/23 6:30	0	50	506	210909
3/19/23 7:00	0	50	506	210909
3/19/23 7:30	0	50	506	210909
3/19/23 8:00	0	50	506	210909
3/19/23 8:30	0	50	506	210909
3/19/23 9:00	0	50	506	210909
3/19/23 9:30	0	50	505	210909
3/19/23 10:00	0	50	506	210909
3/19/23 10:30	0	50	506	210909
3/19/23 11:00	0	50	506	210909
3/19/23 11:30	0	50	506	210909

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/19/23 12:00	0	50	506	210909
3/19/23 12:30	0	50	506	210909
3/19/23 13:00	0	51	506	210909
3/19/23 13:30	0	51	506	210909
3/19/23 14:00	0	51	506	210909
3/19/23 14:30	0	51	506	210909
3/19/23 15:00	0	51	506	210909
3/19/23 15:30	0	51	505	210909
3/19/23 16:00	0	51	505	210909
3/19/23 16:30	0	51	505	210909
3/19/23 17:00	0	51	505	210909
3/19/23 17:30	0	51	505	210909
3/19/23 18:00	0	51	505	210909
3/19/23 18:30	0	51	505	210909
3/19/23 19:00	0	52	505	210909
3/19/23 19:30	0	51	505	210909
3/19/23 20:00	0	51	505	210909
3/19/23 20:30	0	52	505	210909
3/19/23 21:00	0	52	505	210909
3/19/23 21:30	0	52	505	210909
3/19/23 22:00	0	52	505	210909
3/19/23 22:30	0	52	505	210909
3/19/23 23:00	0	52	505	210909
3/19/23 23:30	0	52	505	210909
3/20/23 0:00	0	52	505	210909
3/20/23 0:30	0	52	505	210909
3/20/23 1:00	0	52	505	210909
3/20/23 1:30	0	52	505	210909
3/20/23 2:00	0	52	505	210909
3/20/23 2:30	0	52	505	210909
3/20/23 3:00	0	52	505	210909
3/20/23 3:30	0	52	505	210909
3/20/23 4:00	0	52	505	210909
3/20/23 4:30	0	52	505	210909
3/20/23 5:00	0	52	505	210909
3/20/23 5:30	0	52	505	210909
3/20/23 6:00	0	52	505	210909
3/20/23 6:30	0	52	505	210909
3/20/23 7:00	0	52	504	210909
3/20/23 7:30	0	52	505	210909
3/20/23 8:00	0	52	504	210909
3/20/23 8:30	0	52	504	210909
3/20/23 9:00	0	52	504	210909
3/20/23 9:30	0	52	504	210909
3/20/23 10:00	0	52	504	210909
3/20/23 10:30	0	52	505	210909
3/20/23 11:00	0	52	505	210909
3/20/23 11:30	0	52	504	210909
3/20/23 12:00	0	52	504	210909
3/20/23 12:30	34	-5	784	210930
3/20/23 13:00	34	-7	853	210954
3/20/23 13:30	33	-7	889	210977
3/20/23 14:00	31	-7	920	211000
3/20/23 14:30	32	-7	942	211023
3/20/23 15:00	30	-7	960	211046
3/20/23 15:30	31	-7	975	211068
3/20/23 16:00	33	-7	989	211091
3/20/23 16:30	32	-7	1004	211114
3/20/23 17:00	33	-7	1016	211137
3/20/23 17:30	33	-7	1022	211160

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/20/23 18:00	33	-7	1032	211182
3/20/23 18:30	32	-7	1041	211205
3/20/23 19:00	31	-7	1049	211228
3/20/23 19:30	31	-7	1058	211250
3/20/23 20:00	32	-7	1065	211273
3/20/23 20:30	32	-7	1072	211296
3/20/23 21:00	33	-7	1078	211319
3/20/23 21:30	32	-7	1085	211342
3/20/23 22:00	33	-7	1091	211365
3/20/23 22:30	32	-7	1096	211388
3/20/23 23:00	31	-7	1101	211411
3/20/23 23:30	32	-7	1106	211434
3/21/23 0:00	34	-7	1111	211458
3/21/23 0:30	33	-7	1115	211481
3/21/23 1:00	33	-7	1119	211504
3/21/23 1:30	33	-7	1123	211527
3/21/23 2:00	32	-7	1127	211550
3/21/23 2:30	32	-7	1131	211574
3/21/23 3:00	32	-7	1135	211597
3/21/23 3:30	33	-7	1138	211620
3/21/23 4:00	33	-7	1142	211643
3/21/23 4:30	32	-7	1145	211667
3/21/23 5:00	33	-7	1147	211690
3/21/23 5:30	34	-7	1150	211713
3/21/23 6:00	33	-7	1153	211736
3/21/23 6:30	33	-7	1156	211759
3/21/23 7:00	32	-7	1159	211782
3/21/23 7:30	32	-7	1162	211805
3/21/23 8:00	33	-7	1165	211829
3/21/23 8:30	32	-7	1168	211852
3/21/23 9:00	32	-7	1170	211875
3/21/23 9:30	32	-7	1173	211898
3/21/23 10:00	32	-7	1173	211921
3/21/23 10:30	33	-7	1175	211943
3/21/23 11:00	30	-7	1177	211966
3/21/23 11:30	0	-7	959	211974
3/21/23 12:00	0	-7	885	211974
3/21/23 12:30	0	-7	843	211974
3/21/23 13:00	0	-7	815	211974
3/21/23 13:30	0	-7	792	211974
3/21/23 14:00	0	-7	775	211974
3/21/23 14:30	0	-7	760	211974
3/21/23 15:00	0	-7	748	211974
3/21/23 15:30	0	-7	738	211974
3/21/23 16:00	0	-7	728	211974
3/21/23 16:30	0	-7	720	211974
3/21/23 17:00	0	-7	712	211974
3/21/23 17:30	0	-7	705	211974
3/21/23 18:00	0	-7	699	211974
3/21/23 18:30	0	-7	694	211974
3/21/23 19:00	0	-7	688	211974
3/21/23 19:30	0	-7	684	211974
3/21/23 20:00	0	-7	679	211974
3/21/23 20:30	0	-7	675	211974
3/21/23 21:00	0	-7	671	211974
3/21/23 21:30	0	-7	667	211974
3/21/23 22:00	0	-7	664	211974
3/21/23 22:30	0	-7	661	211974
3/21/23 23:00	0	-7	657	211974
3/21/23 23:30	0	-7	654	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/22/23 0:00	0	-7	652	211974
3/22/23 0:30	0	-7	649	211974
3/22/23 1:00	0	-7	646	211974
3/22/23 1:30	0	-7	644	211974
3/22/23 2:00	0	-7	644	211974
3/22/23 2:30	0	-7	639	211974
3/22/23 3:00	0	-7	637	211974
3/22/23 3:30	0	-7	635	211974
3/22/23 4:00	0	-7	633	211974
3/22/23 4:30	0	-7	631	211974
3/22/23 5:00	0	-7	630	211974
3/22/23 5:30	0	-7	628	211974
3/22/23 6:00	0	-7	626	211974
3/22/23 6:30	0	-7	625	211974
3/22/23 7:00	0	-7	623	211974
3/22/23 7:30	0	-7	622	211974
3/22/23 8:00	0	-7	620	211974
3/22/23 8:30	0	-6	619	211974
3/22/23 9:00	0	-6	617	211974
3/22/23 9:30	0	-6	616	211974
3/22/23 10:00	0	-6	615	211974
3/22/23 10:30	0	-6	614	211974
3/22/23 11:00	0	-6	612	211974
3/22/23 11:30	0	-6	611	211974
3/22/23 12:00	0	-6	610	211974
3/22/23 12:30	0	-5	609	211974
3/22/23 13:00	0	-5	608	211974
3/22/23 13:30	0	-5	606	211974
3/22/23 14:00	0	-5	606	211974
3/22/23 14:30	0	-5	604	211974
3/22/23 15:00	0	-5	603	211974
3/22/23 15:30	0	-5	603	211974
3/22/23 16:00	0	-5	601	211974
3/22/23 16:30	0	-4	601	211974
3/22/23 17:00	0	-4	600	211974
3/22/23 17:30	0	-4	599	211974
3/22/23 18:00	0	-4	598	211974
3/22/23 18:30	0	-4	597	211974
3/22/23 19:00	0	-4	596	211974
3/22/23 19:30	0	-4	596	211974
3/22/23 20:00	0	-4	595	211974
3/22/23 20:30	0	-3	594	211974
3/22/23 21:00	0	-3	593	211974
3/22/23 21:30	0	-3	592	211974
3/22/23 22:00	0	-3	592	211974
3/22/23 22:30	0	-3	591	211974
3/22/23 23:00	0	-3	590	211974
3/22/23 23:30	0	-3	590	211974
3/23/23 0:00	0	-2	589	211974
3/23/23 0:30	0	-2	588	211974
3/23/23 1:00	0	-2	588	211974
3/23/23 1:30	0	-2	587	211974
3/23/23 2:00	0	-2	587	211974
3/23/23 2:30	0	-2	586	211974
3/23/23 3:00	0	-2	585	211974
3/23/23 3:30	0	-2	585	211974
3/23/23 4:00	0	-2	584	211974
3/23/23 4:30	0	-1	583	211974
3/23/23 5:00	0	-1	583	211974
3/23/23 5:30	0	-1	582	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/23/23 6:00	0	-1	582	211974
3/23/23 6:30	0	-1	581	211974
3/23/23 7:00	0	-1	581	211974
3/23/23 7:30	0	-1	580	211974
3/23/23 8:00	0	0	580	211974
3/23/23 8:30	0	0	579	211974
3/23/23 9:00	0	0	579	211974
3/23/23 9:30	0	0	578	211974
3/23/23 10:00	0	0	578	211974
3/23/23 10:30	0	0	578	211974
3/23/23 11:00	0	0	578	211974
3/23/23 11:30	0	0	577	211974
3/23/23 12:00	0	1	577	211974
3/23/23 12:30	0	1	576	211974
3/23/23 13:00	0	1	575	211974
3/23/23 13:30	0	1	575	211974
3/23/23 14:00	0	1	575	211974
3/23/23 14:30	0	1	574	211974
3/23/23 15:00	0	2	573	211974
3/23/23 15:30	0	2	573	211974
3/23/23 16:00	0	2	573	211974
3/23/23 16:30	0	2	572	211974
3/23/23 17:00	0	2	572	211974
3/23/23 17:30	0	2	572	211974
3/23/23 18:00	0	2	571	211974
3/23/23 18:30	0	3	571	211974
3/23/23 19:00	0	3	570	211974
3/23/23 19:30	0	3	570	211974
3/23/23 20:00	0	3	570	211974
3/23/23 20:30	0	3	569	211974
3/23/23 21:00	0	3	569	211974
3/23/23 21:30	0	3	568	211974
3/23/23 22:00	0	3	568	211974
3/23/23 22:30	0	4	568	211974
3/23/23 23:00	0	4	568	211974
3/23/23 23:30	0	4	567	211974
3/24/23 0:00	0	4	567	211974
3/24/23 0:30	0	4	567	211974
3/24/23 1:00	0	4	566	211974
3/24/23 1:30	0	4	566	211974
3/24/23 2:00	0	4	566	211974
3/24/23 2:30	0	5	566	211974
3/24/23 3:00	0	5	565	211974
3/24/23 3:30	0	5	565	211974
3/24/23 4:00	0	5	565	211974
3/24/23 4:30	0	5	564	211974
3/24/23 5:00	0	5	564	211974
3/24/23 5:30	0	5	564	211974
3/24/23 6:00	0	6	564	211974
3/24/23 6:30	0	6	563	211974
3/24/23 7:00	0	6	563	211974
3/24/23 7:30	0	6	563	211974
3/24/23 8:00	0	6	563	211974
3/24/23 8:30	0	6	562	211974
3/24/23 9:00	0	6	562	211974
3/24/23 9:30	0	6	562	211974
3/24/23 10:00	0	7	562	211974
3/24/23 10:30	0	7	562	211974
3/24/23 11:00	0	7	561	211974
3/24/23 11:30	0	7	561	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/24/23 12:00	0	7	561	211974
3/24/23 12:30	0	7	561	211974
3/24/23 13:00	0	7	560	211974
3/24/23 13:30	0	8	560	211974
3/24/23 14:00	0	8	560	211974
3/24/23 14:30	0	8	559	211974
3/24/23 15:00	0	8	559	211974
3/24/23 15:30	0	8	559	211974
3/24/23 16:00	0	8	558	211974
3/24/23 16:30	0	9	558	211974
3/24/23 17:00	0	9	558	211974
3/24/23 17:30	0	9	558	211974
3/24/23 18:00	0	9	557	211974
3/24/23 18:30	0	9	557	211974
3/24/23 19:00	0	9	557	211974
3/24/23 19:30	0	9	557	211974
3/24/23 20:00	0	10	557	211974
3/24/23 20:30	0	10	556	211974
3/24/23 21:00	0	10	556	211974
3/24/23 21:30	0	10	556	211974
3/24/23 22:00	0	10	556	211974
3/24/23 22:30	0	10	556	211974
3/24/23 23:00	0	10	555	211974
3/24/23 23:30	0	10	555	211974
3/25/23 0:00	0	11	555	211974
3/25/23 0:30	0	11	555	211974
3/25/23 1:00	0	11	555	211974
3/25/23 1:30	0	11	554	211974
3/25/23 2:00	0	11	554	211974
3/25/23 2:30	0	11	554	211974
3/25/23 3:00	0	11	554	211974
3/25/23 3:30	0	11	553	211974
3/25/23 4:00	0	11	553	211974
3/25/23 4:30	0	11	553	211974
3/25/23 5:00	0	11	553	211974
3/25/23 5:30	0	11	553	211974
3/25/23 6:00	0	12	552	211974
3/25/23 6:30	0	12	552	211974
3/25/23 7:00	0	12	552	211974
3/25/23 7:30	0	12	552	211974
3/25/23 8:00	0	12	552	211974
3/25/23 8:30	0	12	552	211974
3/25/23 9:00	0	13	551	211974
3/25/23 9:30	0	13	551	211974
3/25/23 10:00	0	13	552	211974
3/25/23 10:30	0	13	551	211974
3/25/23 11:00	0	13	551	211974
3/25/23 11:30	0	13	551	211974
3/25/23 12:00	0	13	551	211974
3/25/23 12:30	0	14	551	211974
3/25/23 13:00	0	14	550	211974
3/25/23 13:30	0	14	550	211974
3/25/23 14:00	0	14	550	211974
3/25/23 14:30	0	14	550	211974
3/25/23 15:00	0	14	549	211974
3/25/23 15:30	0	15	549	211974
3/25/23 16:00	0	15	549	211974
3/25/23 16:30	0	15	549	211974
3/25/23 17:00	0	15	549	211974
3/25/23 17:30	0	15	549	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/25/23 18:00	0	15	549	211974
3/25/23 18:30	0	15	548	211974
3/25/23 19:00	0	16	548	211974
3/25/23 19:30	0	16	548	211974
3/25/23 20:00	0	16	548	211974
3/25/23 20:30	0	16	547	211974
3/25/23 21:00	0	16	547	211974
3/25/23 21:30	0	16	547	211974
3/25/23 22:00	0	16	547	211974
3/25/23 22:30	0	16	547	211974
3/25/23 23:00	0	16	547	211974
3/25/23 23:30	0	17	547	211974
3/26/23 0:00	0	17	547	211974
3/26/23 0:30	0	17	547	211974
3/26/23 1:00	0	17	546	211974
3/26/23 1:30	0	17	546	211974
3/26/23 2:00	0	17	546	211974
3/26/23 2:30	0	17	546	211974
3/26/23 3:00	0	17	546	211974
3/26/23 3:30	0	17	546	211974
3/26/23 4:00	0	18	545	211974
3/26/23 4:30	0	18	545	211974
3/26/23 5:00	0	18	545	211974
3/26/23 5:30	0	18	545	211974
3/26/23 6:00	0	18	545	211974
3/26/23 6:30	0	18	545	211974
3/26/23 7:00	0	18	545	211974
3/26/23 7:30	0	18	545	211974
3/26/23 8:00	0	18	545	211974
3/26/23 8:30	0	18	545	211974
3/26/23 9:00	0	19	544	211974
3/26/23 9:30	0	19	544	211974
3/26/23 10:00	0	19	544	211974
3/26/23 10:30	0	19	544	211974
3/26/23 11:00	0	19	545	211974
3/26/23 11:30	0	19	544	211974
3/26/23 12:00	0	19	544	211974
3/26/23 12:30	0	20	544	211974
3/26/23 13:00	0	20	543	211974
3/26/23 13:30	0	20	542	211974
3/26/23 14:00	0	20	543	211974
3/26/23 14:30	0	20	543	211974
3/26/23 15:00	0	20	543	211974
3/26/23 15:30	0	21	543	211974
3/26/23 16:00	0	21	542	211974
3/26/23 16:30	0	21	542	211974
3/26/23 17:00	0	21	542	211974
3/26/23 17:30	0	21	542	211974
3/26/23 18:00	0	21	542	211974
3/26/23 18:30	0	21	542	211974
3/26/23 19:00	0	22	541	211974
3/26/23 19:30	0	22	541	211974
3/26/23 20:00	0	22	541	211974
3/26/23 20:30	0	22	541	211974
3/26/23 21:00	0	22	541	211974
3/26/23 21:30	0	22	541	211974
3/26/23 22:00	0	22	541	211974
3/26/23 22:30	0	22	541	211974
3/26/23 23:00	0	22	541	211974
3/26/23 23:30	0	22	541	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/27/23 0:00	0	23	541	211974
3/27/23 0:30	0	23	541	211974
3/27/23 1:00	0	23	540	211974
3/27/23 1:30	0	23	540	211974
3/27/23 2:00	0	23	540	211974
3/27/23 2:30	0	23	540	211974
3/27/23 3:00	0	23	540	211974
3/27/23 3:30	0	23	540	211974
3/27/23 4:00	0	23	540	211974
3/27/23 4:30	0	23	540	211974
3/27/23 5:00	0	23	539	211974
3/27/23 5:30	0	23	539	211974
3/27/23 6:00	0	24	539	211974
3/27/23 6:30	0	24	539	211974
3/27/23 7:00	0	24	539	211974
3/27/23 7:30	0	24	539	211974
3/27/23 8:00	0	24	539	211974
3/27/23 8:30	0	24	539	211974
3/27/23 9:00	0	24	538	211974
3/27/23 9:30	0	24	539	211974
3/27/23 10:00	0	24	539	211974
3/27/23 10:30	0	25	539	211974
3/27/23 11:00	0	25	539	211974
3/27/23 11:30	0	25	539	211974
3/27/23 12:00	0	25	538	211974
3/27/23 12:30	0	25	538	211974
3/27/23 13:00	0	25	538	211974
3/27/23 13:30	0	25	538	211974
3/27/23 14:00	0	25	538	211974
3/27/23 14:30	0	26	538	211974
3/27/23 15:00	0	26	538	211974
3/27/23 15:30	0	26	537	211974
3/27/23 16:00	0	26	537	211974
3/27/23 16:30	0	26	537	211974
3/27/23 17:00	0	26	537	211974
3/27/23 17:30	0	26	537	211974
3/27/23 18:00	0	26	537	211974
3/27/23 18:30	0	27	537	211974
3/27/23 19:00	0	27	537	211974
3/27/23 19:30	0	27	537	211974
3/27/23 20:00	0	27	536	211974
3/27/23 20:30	0	27	536	211974
3/27/23 21:00	0	27	536	211974
3/27/23 21:30	0	27	536	211974
3/27/23 22:00	0	27	536	211974
3/27/23 22:30	0	27	536	211974
3/27/23 23:00	0	27	536	211974
3/27/23 23:30	0	28	536	211974
3/28/23 0:00	0	28	536	211974
3/28/23 0:30	0	28	536	211974
3/28/23 1:00	0	28	535	211974
3/28/23 1:30	0	28	535	211974
3/28/23 2:00	0	28	535	211974
3/28/23 2:30	0	28	535	211974
3/28/23 3:00	0	28	535	211974
3/28/23 3:30	0	28	535	211974
3/28/23 4:00	0	28	535	211974
3/28/23 4:30	0	28	535	211974
3/28/23 5:00	0	28	535	211974
3/28/23 5:30	0	28	535	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/28/23 6:00	0	28	534	211974
3/28/23 6:30	0	28	534	211974
3/28/23 7:00	0	28	534	211974
3/28/23 7:30	0	29	534	211974
3/28/23 8:00	0	29	534	211974
3/28/23 8:30	0	29	534	211974
3/28/23 9:00	0	29	534	211974
3/28/23 9:30	0	29	534	211974
3/28/23 10:00	0	29	535	211974
3/28/23 10:30	0	29	535	211974
3/28/23 11:00	0	29	534	211974
3/28/23 11:30	0	29	534	211974
3/28/23 12:00	0	30	534	211974
3/28/23 12:30	0	30	534	211974
3/28/23 13:00	0	30	534	211974
3/28/23 13:30	0	30	534	211974
3/28/23 14:00	0	30	534	211974
3/28/23 14:30	0	30	533	211974
3/28/23 15:00	0	30	533	211974
3/28/23 15:30	0	31	533	211974
3/28/23 16:00	0	31	533	211974
3/28/23 16:30	0	31	533	211974
3/28/23 17:00	0	31	533	211974
3/28/23 17:30	0	31	533	211974
3/28/23 18:00	0	31	533	211974
3/28/23 18:30	0	32	532	211974
3/28/23 19:00	0	32	533	211974
3/28/23 19:30	0	32	532	211974
3/28/23 20:00	0	32	532	211974
3/28/23 20:30	0	32	532	211974
3/28/23 21:00	0	32	532	211974
3/28/23 21:30	0	32	532	211974
3/28/23 22:00	0	32	532	211974
3/28/23 22:30	0	32	532	211974
3/28/23 23:00	0	32	532	211974
3/28/23 23:30	0	32	532	211974
3/29/23 0:00	0	32	532	211974
3/29/23 0:30	0	32	532	211974
3/29/23 1:00	0	32	532	211974
3/29/23 1:30	0	32	532	211974
3/29/23 2:00	0	33	531	211974
3/29/23 2:30	0	33	531	211974
3/29/23 3:00	0	33	531	211974
3/29/23 3:30	0	33	531	211974
3/29/23 4:00	0	33	531	211974
3/29/23 4:30	0	33	531	211974
3/29/23 5:00	0	33	531	211974
3/29/23 5:30	0	33	531	211974
3/29/23 6:00	0	33	531	211974
3/29/23 6:30	0	33	531	211974
3/29/23 7:00	0	33	531	211974
3/29/23 7:30	0	33	531	211974
3/29/23 8:00	0	33	531	211974
3/29/23 8:30	0	33	531	211974
3/29/23 9:00	0	33	531	211974
3/29/23 9:30	0	34	531	211974
3/29/23 10:00	0	34	531	211974
3/29/23 10:30	0	34	531	211974
3/29/23 11:00	0	34	531	211974
3/29/23 11:30	0	34	530	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/29/23 12:00	0	34	530	211974
3/29/23 12:30	0	34	530	211974
3/29/23 13:00	0	34	530	211974
3/29/23 13:30	0	34	530	211974
3/29/23 14:00	0	35	530	211974
3/29/23 14:30	0	35	530	211974
3/29/23 15:00	0	35	530	211974
3/29/23 15:30	0	35	530	211974
3/29/23 16:00	0	35	530	211974
3/29/23 16:30	0	35	530	211974
3/29/23 17:00	0	35	529	211974
3/29/23 17:30	0	36	529	211974
3/29/23 18:00	0	36	529	211974
3/29/23 18:30	0	36	529	211974
3/29/23 19:00	0	36	529	211974
3/29/23 19:30	0	36	529	211974
3/29/23 20:00	0	36	529	211974
3/29/23 20:30	0	36	529	211974
3/29/23 21:00	0	36	529	211974
3/29/23 21:30	0	36	529	211974
3/29/23 22:00	0	36	529	211974
3/29/23 22:30	0	36	529	211974
3/29/23 23:00	0	37	529	211974
3/29/23 23:30	0	37	529	211974
3/30/23 0:00	0	37	529	211974
3/30/23 0:30	0	37	528	211974
3/30/23 1:00	0	37	528	211974
3/30/23 1:30	0	37	528	211974
3/30/23 2:00	0	37	528	211974
3/30/23 2:30	0	37	528	211974
3/30/23 3:00	0	37	528	211974
3/30/23 3:30	0	37	528	211974
3/30/23 4:00	0	37	528	211974
3/30/23 4:30	0	37	528	211974
3/30/23 5:00	0	37	528	211974
3/30/23 5:30	0	37	528	211974
3/30/23 6:00	0	37	528	211974
3/30/23 6:30	0	37	528	211974
3/30/23 7:00	0	37	528	211974
3/30/23 7:30	0	37	528	211974
3/30/23 8:00	0	37	528	211974
3/30/23 8:30	0	37	528	211974
3/30/23 9:00	0	37	527	211974
3/30/23 9:30	0	37	528	211974
3/30/23 10:00	0	37	528	211974
3/30/23 10:30	0	38	528	211974
3/30/23 11:00	0	38	528	211974
3/30/23 11:30	0	38	528	211974
3/30/23 12:00	0	38	527	211974
3/30/23 12:30	0	38	527	211974
3/30/23 13:00	0	38	527	211974
3/30/23 13:30	0	38	527	211974
3/30/23 14:00	0	38	527	211974
3/30/23 14:30	0	38	527	211974
3/30/23 15:00	0	39	527	211974
3/30/23 15:30	0	39	527	211974
3/30/23 16:00	0	39	526	211974
3/30/23 16:30	0	39	527	211974
3/30/23 17:00	0	39	527	211974
3/30/23 17:30	0	39	526	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
3/30/23 18:00	0	39	526	211974
3/30/23 18:30	0	39	526	211974
3/30/23 19:00	0	39	526	211974
3/30/23 19:30	0	39	526	211974
3/30/23 20:00	0	39	526	211974
3/30/23 20:30	0	39	526	211974
3/30/23 21:00	0	39	526	211974
3/30/23 21:30	0	39	526	211974
3/30/23 22:00	0	39	526	211974
3/30/23 22:30	0	39	526	211974
3/30/23 23:00	0	39	526	211974
3/30/23 23:30	0	40	526	211974
3/31/23 0:00	0	40	526	211974
3/31/23 0:30	0	40	526	211974
3/31/23 1:00	0	40	526	211974
3/31/23 1:30	0	40	525	211974
3/31/23 2:00	0	40	525	211974
3/31/23 2:30	0	40	525	211974
3/31/23 3:00	0	40	525	211974
3/31/23 3:30	0	40	525	211974
3/31/23 4:00	0	40	525	211974
3/31/23 4:30	0	40	525	211974
3/31/23 5:00	0	40	525	211974
3/31/23 5:30	0	40	525	211974
3/31/23 6:00	0	40	525	211974
3/31/23 6:30	0	40	525	211974
3/31/23 7:00	0	40	525	211974
3/31/23 7:30	0	40	525	211974
3/31/23 8:00	0	40	525	211974
3/31/23 8:30	0	40	525	211974
3/31/23 9:00	0	40	524	211974
3/31/23 9:30	0	41	525	211974
3/31/23 10:00	0	41	525	211974
3/31/23 10:30	0	41	525	211974
3/31/23 11:00	0	41	525	211974
3/31/23 11:30	0	41	525	211974
3/31/23 12:00	0	41	525	211974
3/31/23 12:30	0	41	524	211974
3/31/23 13:00	0	41	524	211974
3/31/23 13:30	0	41	524	211974
3/31/23 14:00	0	41	524	211974
3/31/23 14:30	0	41	524	211974
3/31/23 15:00	0	42	524	211974
3/31/23 15:30	0	42	524	211974
3/31/23 16:00	0	42	524	211974
3/31/23 16:30	0	42	524	211974
3/31/23 17:00	0	42	524	211974
3/31/23 17:30	0	42	524	211974
3/31/23 18:00	0	42	524	211974
3/31/23 18:30	0	42	524	211974
3/31/23 19:00	0	42	523	211974
3/31/23 19:30	0	42	523	211974
3/31/23 20:00	0	42	523	211974
3/31/23 20:30	0	43	523	211974
3/31/23 21:00	0	43	523	211974
3/31/23 21:30	0	43	523	211974
3/31/23 22:00	0	43	523	211974
3/31/23 22:30	0	43	523	211974
3/31/23 23:00	0	43	523	211974
3/31/23 23:30	0	43	523	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)

Injection Well Operational Log

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/1/23 0:00	0	43	523	211974
4/1/23 0:30	0	43	523	211974
4/1/23 1:00	0	43	523	211974
4/1/23 1:30	0	43	523	211974
4/1/23 2:00	0	43	523	211974
4/1/23 2:30	0	43	523	211974
4/1/23 3:00	0	43	523	211974
4/1/23 3:30	0	43	523	211974
4/1/23 4:00	0	43	523	211974
4/1/23 4:30	0	43	523	211974
4/1/23 5:00	0	43	523	211974
4/1/23 5:30	0	43	522	211974
4/1/23 6:00	0	43	522	211974
4/1/23 6:30	0	43	522	211974
4/1/23 7:00	0	43	522	211974
4/1/23 7:30	0	43	522	211974
4/1/23 8:00	0	43	522	211974
4/1/23 8:30	0	43	522	211974
4/1/23 9:00	0	43	522	211974
4/1/23 9:30	0	43	522	211974
4/1/23 10:00	0	43	523	211974
4/1/23 10:30	0	43	523	211974
4/1/23 11:00	0	43	522	211974
4/1/23 11:30	0	43	522	211974
4/1/23 12:00	0	44	522	211974
4/1/23 12:30	0	44	522	211974
4/1/23 13:00	0	44	522	211974
4/1/23 13:30	0	44	522	211974
4/1/23 14:00	0	44	522	211974
4/1/23 14:30	0	44	522	211974
4/1/23 15:00	0	44	522	211974
4/1/23 15:30	0	45	522	211974
4/1/23 16:00	0	45	522	211974
4/1/23 16:30	0	45	522	211974
4/1/23 17:00	0	45	521	211974
4/1/23 17:30	0	45	521	211974
4/1/23 18:00	0	45	521	211974
4/1/23 18:30	0	45	521	211974
4/1/23 19:00	0	45	521	211974
4/1/23 19:30	0	45	522	211974
4/1/23 20:00	0	45	521	211974
4/1/23 20:30	0	45	521	211974
4/1/23 21:00	0	45	521	211974
4/1/23 21:30	0	46	521	211974
4/1/23 22:00	0	46	521	211974
4/1/23 22:30	0	46	521	211974
4/1/23 23:00	0	46	521	211974
4/1/23 23:30	0	46	521	211974
4/2/23 0:00	0	46	521	211974
4/2/23 0:30	0	46	521	211974
4/2/23 1:00	0	46	521	211974
4/2/23 1:30	0	46	521	211974
4/2/23 2:00	0	46	521	211974
4/2/23 2:30	0	46	521	211974
4/2/23 3:00	0	46	521	211974
4/2/23 3:30	0	46	520	211974
4/2/23 4:00	0	46	520	211974
4/2/23 4:30	0	46	520	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/2/23 5:00	0	46	520	211974
4/2/23 5:30	0	46	520	211974
4/2/23 6:00	0	46	520	211974
4/2/23 6:30	0	46	520	211974
4/2/23 7:00	0	46	520	211974
4/2/23 7:30	0	46	520	211974
4/2/23 8:00	0	46	520	211974
4/2/23 8:30	0	46	520	211974
4/2/23 9:00	0	46	520	211974
4/2/23 9:30	0	46	520	211974
4/2/23 10:00	0	46	521	211974
4/2/23 10:30	0	46	521	211974
4/2/23 11:00	0	46	520	211974
4/2/23 11:30	0	46	520	211974
4/2/23 12:00	0	46	520	211974
4/2/23 12:30	0	46	520	211974
4/2/23 13:00	0	47	520	211974
4/2/23 13:30	0	47	520	211974
4/2/23 14:00	0	47	520	211974
4/2/23 14:30	0	47	520	211974
4/2/23 15:00	0	47	520	211974
4/2/23 15:30	0	47	520	211974
4/2/23 16:00	0	47	519	211974
4/2/23 16:30	0	47	520	211974
4/2/23 17:00	0	47	519	211974
4/2/23 17:30	0	48	519	211974
4/2/23 18:00	0	48	520	211974
4/2/23 18:30	0	48	519	211974
4/2/23 19:00	0	48	519	211974
4/2/23 19:30	0	48	519	211974
4/2/23 20:00	0	48	519	211974
4/2/23 20:30	0	48	519	211974
4/2/23 21:00	0	48	519	211974
4/2/23 21:30	0	48	519	211974
4/2/23 22:00	0	48	519	211974
4/2/23 22:30	0	48	519	211974
4/2/23 23:00	0	48	519	211974
4/2/23 23:30	0	48	519	211974
4/3/23 0:00	0	48	519	211974
4/3/23 0:30	0	48	519	211974
4/3/23 1:00	0	48	519	211974
4/3/23 1:30	0	48	519	211974
4/3/23 2:00	0	48	519	211974
4/3/23 2:30	0	48	519	211974
4/3/23 3:00	0	48	519	211974
4/3/23 3:30	0	48	519	211974
4/3/23 4:00	0	48	519	211974
4/3/23 4:30	0	48	519	211974
4/3/23 5:00	0	48	518	211974
4/3/23 5:30	0	48	518	211974
4/3/23 6:00	0	48	518	211974
4/3/23 6:30	0	48	518	211974
4/3/23 7:00	0	48	518	211974
4/3/23 7:30	0	48	518	211974
4/3/23 8:00	0	48	518	211974
4/3/23 8:30	0	48	518	211974
4/3/23 9:00	0	48	518	211974
4/3/23 9:30	0	48	518	211974
4/3/23 10:00	0	48	519	211974
4/3/23 10:30	0	48	519	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/3/23 11:00	0	48	519	211974
4/3/23 11:30	0	49	518	211974
4/3/23 12:00	0	49	518	211974
4/3/23 12:30	0	49	518	211974
4/3/23 13:00	0	49	518	211974
4/3/23 13:30	0	49	518	211974
4/3/23 14:00	0	49	518	211974
4/3/23 14:30	0	49	518	211974
4/3/23 15:00	0	49	518	211974
4/3/23 15:30	0	49	518	211974
4/3/23 16:00	0	49	518	211974
4/3/23 16:30	0	49	518	211974
4/3/23 17:00	0	50	518	211974
4/3/23 17:30	0	50	518	211974
4/3/23 18:00	0	50	518	211974
4/3/23 18:30	0	50	518	211974
4/3/23 19:00	0	50	518	211974
4/3/23 19:30	0	50	517	211974
4/3/23 20:00	0	50	517	211974
4/3/23 20:30	0	50	517	211974
4/3/23 21:00	0	50	517	211974
4/3/23 21:30	0	50	517	211974
4/3/23 22:00	0	50	517	211974
4/3/23 22:30	0	50	517	211974
4/3/23 23:00	0	50	517	211974
4/3/23 23:30	0	50	517	211974
4/4/23 0:00	0	50	517	211974
4/4/23 0:30	0	50	517	211974
4/4/23 1:00	0	50	517	211974
4/4/23 1:30	0	50	517	211974
4/4/23 2:00	0	50	517	211974
4/4/23 2:30	0	50	517	211974
4/4/23 3:00	0	50	517	211974
4/4/23 3:30	0	50	517	211974
4/4/23 4:00	0	50	517	211974
4/4/23 4:30	0	50	517	211974
4/4/23 5:00	0	50	517	211974
4/4/23 5:30	0	50	517	211974
4/4/23 6:00	0	50	517	211974
4/4/23 6:30	0	50	517	211974
4/4/23 7:00	0	50	517	211974
4/4/23 7:30	0	50	517	211974
4/4/23 8:00	0	50	517	211974
4/4/23 8:30	0	50	517	211974
4/4/23 9:00	0	50	517	211974
4/4/23 9:30	0	50	517	211974
4/4/23 10:00	0	50	517	211974
4/4/23 10:30	0	50	517	211974
4/4/23 11:00	0	50	517	211974
4/4/23 11:30	0	50	517	211974
4/4/23 12:00	0	50	517	211974
4/4/23 12:30	0	50	516	211974
4/4/23 13:00	0	51	516	211974
4/4/23 13:30	0	51	516	211974
4/4/23 14:00	0	51	516	211974
4/4/23 14:30	0	51	516	211974
4/4/23 15:00	0	51	516	211974
4/4/23 15:30	0	51	516	211974
4/4/23 16:00	0	51	516	211974
4/4/23 16:30	0	51	516	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/4/23 17:00	0	51	516	211974
4/4/23 17:30	0	51	516	211974
4/4/23 18:00	0	51	515	211974
4/4/23 18:30	0	51	516	211974
4/4/23 19:00	0	51	516	211974
4/4/23 19:30	0	51	516	211974
4/4/23 20:00	0	51	516	211974
4/4/23 20:30	0	51	516	211974
4/4/23 21:00	0	51	516	211974
4/4/23 21:30	0	51	515	211974
4/4/23 22:00	0	51	515	211974
4/4/23 22:30	0	51	515	211974
4/4/23 23:00	0	51	515	211974
4/4/23 23:30	0	51	515	211974
4/5/23 0:00	0	51	516	211974
4/5/23 0:30	0	51	515	211974
4/5/23 1:00	0	51	515	211974
4/5/23 1:30	0	51	515	211974
4/5/23 2:00	0	51	515	211974
4/5/23 2:30	0	51	515	211974
4/5/23 3:00	0	51	515	211974
4/5/23 3:30	0	51	515	211974
4/5/23 4:00	0	51	515	211974
4/5/23 4:30	0	51	515	211974
4/5/23 5:00	0	51	515	211974
4/5/23 5:30	0	51	515	211974
4/5/23 6:00	0	51	515	211974
4/5/23 6:30	0	51	515	211974
4/5/23 7:00	0	51	515	211974
4/5/23 7:30	0	51	514	211974
4/5/23 8:00	0	51	514	211974
4/5/23 8:30	0	51	514	211974
4/5/23 9:00	0	51	514	211974
4/5/23 9:30	0	51	515	211974
4/5/23 10:00	0	52	516	211974
4/5/23 10:30	0	52	516	211974
4/5/23 11:00	0	52	516	211974
4/5/23 11:30	0	52	515	211974
4/5/23 12:00	0	52	515	211974
4/5/23 12:30	0	52	515	211974
4/5/23 13:00	0	52	515	211974
4/5/23 13:30	0	52	515	211974
4/5/23 14:00	0	52	515	211974
4/5/23 14:30	0	52	515	211974
4/5/23 15:00	0	53	514	211974
4/5/23 15:30	0	53	514	211974
4/5/23 16:00	0	53	514	211974
4/5/23 16:30	0	53	514	211974
4/5/23 17:00	0	53	514	211974
4/5/23 17:30	0	53	515	211974
4/5/23 18:00	0	53	514	211974
4/5/23 18:30	0	53	514	211974
4/5/23 19:00	0	53	514	211974
4/5/23 19:30	0	53	514	211974
4/5/23 20:00	0	53	514	211974
4/5/23 20:30	0	53	514	211974
4/5/23 21:00	0	53	514	211974
4/5/23 21:30	0	53	514	211974
4/5/23 22:00	0	53	514	211974
4/5/23 22:30	0	53	514	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/5/23 23:00	0	53	514	211974
4/5/23 23:30	0	53	514	211974
4/6/23 0:00	0	53	514	211974
4/6/23 0:30	0	53	514	211974
4/6/23 1:00	0	53	514	211974
4/6/23 1:30	0	53	514	211974
4/6/23 2:00	0	53	514	211974
4/6/23 2:30	0	53	514	211974
4/6/23 3:00	0	53	514	211974
4/6/23 3:30	0	53	513	211974
4/6/23 4:00	0	53	513	211974
4/6/23 4:30	0	53	513	211974
4/6/23 5:00	0	53	513	211974
4/6/23 5:30	0	53	513	211974
4/6/23 6:00	0	53	513	211974
4/6/23 6:30	0	53	513	211974
4/6/23 7:00	0	53	513	211974
4/6/23 7:30	0	53	513	211974
4/6/23 8:00	0	53	513	211974
4/6/23 8:30	0	53	513	211974
4/6/23 9:00	0	53	513	211974
4/6/23 9:30	0	53	514	211974
4/6/23 10:00	0	53	514	211974
4/6/23 10:30	0	53	514	211974
4/6/23 11:00	0	53	514	211974
4/6/23 11:30	0	53	513	211974
4/6/23 12:00	0	53	513	211974
4/6/23 12:30	0	54	513	211974
4/6/23 13:00	0	54	513	211974
4/6/23 13:30	0	54	513	211974
4/6/23 14:00	0	54	513	211974
4/6/23 14:30	0	54	513	211974
4/6/23 15:00	0	54	513	211974
4/6/23 15:30	0	54	513	211974
4/6/23 16:00	0	54	513	211974
4/6/23 16:30	0	54	513	211974
4/6/23 17:00	0	55	513	211974
4/6/23 17:30	0	55	513	211974
4/6/23 18:00	0	55	513	211974
4/6/23 18:30	0	55	513	211974
4/6/23 19:00	0	55	513	211974
4/6/23 19:30	0	55	513	211974
4/6/23 20:00	0	55	513	211974
4/6/23 20:30	0	55	512	211974
4/6/23 21:00	0	55	512	211974
4/6/23 21:30	0	55	512	211974
4/6/23 22:00	0	55	512	211974
4/6/23 22:30	0	55	512	211974
4/6/23 23:00	0	55	512	211974
4/6/23 23:30	0	55	512	211974
4/7/23 0:00	0	55	512	211974
4/7/23 0:30	0	55	512	211974
4/7/23 1:00	0	55	512	211974
4/7/23 1:30	0	55	512	211974
4/7/23 2:00	0	55	512	211974
4/7/23 2:30	0	55	512	211974
4/7/23 3:00	0	55	512	211974
4/7/23 3:30	0	55	512	211974
4/7/23 4:00	0	55	512	211974
4/7/23 4:30	0	55	512	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/7/23 5:00	0	55	512	211974
4/7/23 5:30	0	55	512	211974
4/7/23 6:00	0	55	512	211974
4/7/23 6:30	0	55	512	211974
4/7/23 7:00	0	55	512	211974
4/7/23 7:30	0	55	512	211974
4/7/23 8:00	0	55	512	211974
4/7/23 8:30	0	55	512	211974
4/7/23 9:00	0	55	512	211974
4/7/23 9:30	0	55	512	211974
4/7/23 10:00	0	55	512	211974
4/7/23 10:30	0	55	512	211974
4/7/23 11:00	0	55	512	211974
4/7/23 11:30	0	55	512	211974
4/7/23 12:00	0	55	512	211974
4/7/23 12:30	0	55	512	211974
4/7/23 13:00	0	55	512	211974
4/7/23 13:30	0	56	512	211974
4/7/23 14:00	0	56	512	211974
4/7/23 14:30	0	56	512	211974
4/7/23 15:00	0	56	512	211974
4/7/23 15:30	0	56	512	211974
4/7/23 16:00	0	56	512	211974
4/7/23 16:30	0	56	511	211974
4/7/23 17:00	0	56	511	211974
4/7/23 17:30	0	56	511	211974
4/7/23 18:00	0	56	511	211974
4/7/23 18:30	0	57	511	211974
4/7/23 19:00	0	57	511	211974
4/7/23 19:30	0	57	511	211974
4/7/23 20:00	0	57	511	211974
4/7/23 20:30	0	57	511	211974
4/7/23 21:00	0	57	511	211974
4/7/23 21:30	0	57	511	211974
4/7/23 22:00	0	57	511	211974
4/7/23 22:30	0	57	511	211974
4/7/23 23:00	0	57	511	211974
4/7/23 23:30	0	57	511	211974
4/8/23 0:00	0	57	511	211974
4/8/23 0:30	0	57	511	211974
4/8/23 1:00	0	57	511	211974
4/8/23 1:30	0	57	511	211974
4/8/23 2:00	0	57	511	211974
4/8/23 2:30	0	57	511	211974
4/8/23 3:00	0	57	511	211974
4/8/23 3:30	0	57	511	211974
4/8/23 4:00	0	57	511	211974
4/8/23 4:30	0	57	511	211974
4/8/23 5:00	0	57	511	211974
4/8/23 5:30	0	57	511	211974
4/8/23 6:00	0	57	511	211974
4/8/23 6:30	0	57	511	211974
4/8/23 7:00	0	57	511	211974
4/8/23 7:30	0	57	511	211974
4/8/23 8:00	0	57	511	211974
4/8/23 8:30	0	57	511	211974
4/8/23 9:00	0	57	511	211974
4/8/23 9:30	0	57	511	211974
4/8/23 10:00	0	57	511	211974
4/8/23 10:30	0	57	511	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/8/23 11:00	0	57	511	211974
4/8/23 11:30	0	57	511	211974
4/8/23 12:00	0	57	511	211974
4/8/23 12:30	0	57	510	211974
4/8/23 13:00	0	57	511	211974
4/8/23 13:30	0	57	511	211974
4/8/23 14:00	0	57	511	211974
4/8/23 14:30	0	57	511	211974
4/8/23 15:00	0	57	510	211974
4/8/23 15:30	0	57	510	211974
4/8/23 16:00	0	58	510	211974
4/8/23 16:30	0	58	510	211974
4/8/23 17:00	0	58	510	211974
4/8/23 17:30	0	58	510	211974
4/8/23 18:00	0	58	510	211974
4/8/23 18:30	0	58	510	211974
4/8/23 19:00	0	58	510	211974
4/8/23 19:30	0	58	510	211974
4/8/23 20:00	0	58	510	211974
4/8/23 20:30	0	58	510	211974
4/8/23 21:00	0	58	510	211974
4/8/23 21:30	0	58	510	211974
4/8/23 22:00	0	58	510	211974
4/8/23 22:30	0	58	510	211974
4/8/23 23:00	0	58	510	211974
4/8/23 23:30	0	58	510	211974
4/9/23 0:00	0	58	510	211974
4/9/23 0:30	0	58	510	211974
4/9/23 1:00	0	58	510	211974
4/9/23 1:30	0	58	510	211974
4/9/23 2:00	0	58	510	211974
4/9/23 2:30	0	58	510	211974
4/9/23 3:00	0	58	510	211974
4/9/23 3:30	0	58	510	211974
4/9/23 4:00	0	58	510	211974
4/9/23 4:30	0	58	510	211974
4/9/23 5:00	0	58	510	211974
4/9/23 5:30	0	58	509	211974
4/9/23 6:00	0	58	509	211974
4/9/23 6:30	0	58	509	211974
4/9/23 7:00	0	58	509	211974
4/9/23 7:30	0	58	509	211974
4/9/23 8:00	0	58	509	211974
4/9/23 8:30	0	58	509	211974
4/9/23 9:00	0	58	510	211974
4/9/23 9:30	0	58	510	211974
4/9/23 10:00	0	58	510	211974
4/9/23 10:30	0	58	510	211974
4/9/23 11:00	0	58	510	211974
4/9/23 11:30	0	58	509	211974
4/9/23 12:00	0	58	510	211974
4/9/23 12:30	0	58	509	211974
4/9/23 13:00	0	58	510	211974
4/9/23 13:30	0	58	509	211974
4/9/23 14:00	0	58	510	211974
4/9/23 14:30	0	58	509	211974
4/9/23 15:00	0	59	509	211974
4/9/23 15:30	0	59	509	211974
4/9/23 16:00	0	59	509	211974
4/9/23 16:30	0	59	509	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/9/23 17:00	0	59	509	211974
4/9/23 17:30	0	59	509	211974
4/9/23 18:00	0	59	509	211974
4/9/23 18:30	0	59	509	211974
4/9/23 19:00	0	59	509	211974
4/9/23 19:30	0	59	509	211974
4/9/23 20:00	0	59	509	211974
4/9/23 20:30	0	59	509	211974
4/9/23 21:00	0	59	509	211974
4/9/23 21:30	0	59	508	211974
4/9/23 22:00	0	59	508	211974
4/9/23 22:30	0	59	508	211974
4/9/23 23:00	0	59	509	211974
4/9/23 23:30	0	59	509	211974
4/10/23 0:00	0	59	509	211974
4/10/23 0:30	0	59	509	211974
4/10/23 1:00	0	59	508	211974
4/10/23 1:30	0	59	509	211974
4/10/23 2:00	0	59	508	211974
4/10/23 2:30	0	59	508	211974
4/10/23 3:00	0	59	508	211974
4/10/23 3:30	0	59	508	211974
4/10/23 4:00	0	59	508	211974
4/10/23 4:30	0	59	508	211974
4/10/23 5:00	0	59	508	211974
4/10/23 5:30	0	59	508	211974
4/10/23 6:00	0	59	508	211974
4/10/23 6:30	0	59	508	211974
4/10/23 7:00	0	59	508	211974
4/10/23 7:30	0	59	508	211974
4/10/23 8:00	0	59	508	211974
4/10/23 8:30	0	59	508	211974
4/10/23 9:00	0	59	508	211974
4/10/23 9:30	0	59	508	211974
4/10/23 10:00	0	59	509	211974
4/10/23 10:30	0	59	509	211974
4/10/23 11:00	0	59	509	211974
4/10/23 11:30	0	59	508	211974
4/10/23 12:00	0	59	508	211974
4/10/23 12:30	0	59	508	211974
4/10/23 13:00	0	59	508	211974
4/10/23 13:30	0	60	508	211974
4/10/23 14:00	0	60	508	211974
4/10/23 14:30	0	60	508	211974
4/10/23 15:00	0	60	508	211974
4/10/23 15:30	0	60	508	211974
4/10/23 16:00	0	60	508	211974
4/10/23 16:30	0	60	508	211974
4/10/23 17:00	0	60	508	211974
4/10/23 17:30	0	60	508	211974
4/10/23 18:00	0	60	508	211974
4/10/23 18:30	0	61	508	211974
4/10/23 19:00	0	61	508	211974
4/10/23 19:30	0	61	508	211974
4/10/23 20:00	0	61	508	211974
4/10/23 20:30	0	61	508	211974
4/10/23 21:00	0	61	508	211974
4/10/23 21:30	0	61	507	211974
4/10/23 22:00	0	61	507	211974
4/10/23 22:30	0	61	507	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/10/23 23:00	0	61	507	211974
4/10/23 23:30	0	61	507	211974
4/11/23 0:00	0	61	508	211974
4/11/23 0:30	0	61	508	211974
4/11/23 1:00	0	61	508	211974
4/11/23 1:30	0	61	508	211974
4/11/23 2:00	0	61	508	211974
4/11/23 2:30	0	60	507	211974
4/11/23 3:00	0	60	508	211974
4/11/23 3:30	0	60	508	211974
4/11/23 4:00	0	60	507	211974
4/11/23 4:30	0	60	507	211974
4/11/23 5:00	0	60	507	211974
4/11/23 5:30	0	60	507	211974
4/11/23 6:00	0	60	507	211974
4/11/23 6:30	0	60	507	211974
4/11/23 7:00	0	60	507	211974
4/11/23 7:30	0	60	507	211974
4/11/23 8:00	0	60	507	211974
4/11/23 8:30	0	60	507	211974
4/11/23 9:00	0	60	507	211974
4/11/23 9:30	0	60	507	211974
4/11/23 10:00	0	60	508	211974
4/11/23 10:30	0	60	508	211974
4/11/23 11:00	0	60	507	211974
4/11/23 11:30	0	60	507	211974
4/11/23 12:00	0	61	507	211974
4/11/23 12:30	0	61	507	211974
4/11/23 13:00	0	61	507	211974
4/11/23 13:30	0	61	507	211974
4/11/23 14:00	0	61	507	211974
4/11/23 14:30	0	61	507	211974
4/11/23 15:00	0	61	507	211974
4/11/23 15:30	0	61	507	211974
4/11/23 16:00	0	61	507	211974
4/11/23 16:30	0	61	507	211974
4/11/23 17:00	0	62	507	211974
4/11/23 17:30	0	62	507	211974
4/11/23 18:00	0	62	507	211974
4/11/23 18:30	0	62	507	211974
4/11/23 19:00	0	62	507	211974
4/11/23 19:30	0	62	507	211974
4/11/23 20:00	0	62	507	211974
4/11/23 20:30	0	62	507	211974
4/11/23 21:00	0	62	506	211974
4/11/23 21:30	0	62	506	211974
4/11/23 22:00	0	62	506	211974
4/11/23 22:30	0	62	506	211974
4/11/23 23:00	0	62	506	211974
4/11/23 23:30	0	62	506	211974
4/12/23 0:00	0	62	506	211974
4/12/23 0:30	0	62	507	211974
4/12/23 1:00	0	62	507	211974
4/12/23 1:30	0	62	507	211974
4/12/23 2:00	0	62	507	211974
4/12/23 2:30	0	62	507	211974
4/12/23 3:00	0	62	506	211974
4/12/23 3:30	0	62	506	211974
4/12/23 4:00	0	62	507	211974
4/12/23 4:30	0	62	506	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/12/23 5:00	0	62	506	211974
4/12/23 5:30	0	61	506	211974
4/12/23 6:00	0	61	506	211974
4/12/23 6:30	0	61	506	211974
4/12/23 7:00	0	61	506	211974
4/12/23 7:30	0	61	506	211974
4/12/23 8:00	0	61	506	211974
4/12/23 8:30	0	61	506	211974
4/12/23 9:00	0	61	506	211974
4/12/23 9:30	0	61	506	211974
4/12/23 10:00	0	61	507	211974
4/12/23 10:30	0	61	507	211974
4/12/23 11:00	0	61	506	211974
4/12/23 11:30	0	62	506	211974
4/12/23 12:00	0	62	506	211974
4/12/23 12:30	0	62	506	211974
4/12/23 13:00	0	62	506	211974
4/12/23 13:30	0	62	506	211974
4/12/23 14:00	0	62	506	211974
4/12/23 14:30	0	62	506	211974
4/12/23 15:00	0	62	506	211974
4/12/23 15:30	0	62	506	211974
4/12/23 16:00	0	62	506	211974
4/12/23 16:30	0	62	506	211974
4/12/23 17:00	0	62	506	211974
4/12/23 17:30	0	63	506	211974
4/12/23 18:00	0	63	506	211974
4/12/23 18:30	0	63	506	211974
4/12/23 19:00	0	63	506	211974
4/12/23 19:30	0	63	506	211974
4/12/23 20:00	0	63	506	211974
4/12/23 20:30	0	63	506	211974
4/12/23 21:00	0	63	506	211974
4/12/23 21:30	0	63	506	211974
4/12/23 22:00	0	63	506	211974
4/12/23 22:30	0	63	506	211974
4/12/23 23:00	0	63	506	211974
4/12/23 23:30	0	63	506	211974
4/13/23 0:00	0	63	506	211974
4/13/23 0:30	0	63	506	211974
4/13/23 1:00	0	63	506	211974
4/13/23 1:30	0	63	506	211974
4/13/23 2:00	0	63	506	211974
4/13/23 2:30	0	63	506	211974
4/13/23 3:00	0	63	506	211974
4/13/23 3:30	0	63	506	211974
4/13/23 4:00	0	63	506	211974
4/13/23 4:30	0	63	506	211974
4/13/23 5:00	0	63	505	211974
4/13/23 5:30	0	63	505	211974
4/13/23 6:00	0	63	505	211974
4/13/23 6:30	0	63	505	211974
4/13/23 7:00	0	63	505	211974
4/13/23 7:30	0	63	505	211974
4/13/23 8:00	0	63	505	211974
4/13/23 8:30	0	63	505	211974
4/13/23 9:00	0	63	505	211974
4/13/23 9:30	0	63	505	211974
4/13/23 10:00	0	62	505	211974
4/13/23 10:30	0	63	505	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/13/23 11:00	0	63	505	211974
4/13/23 11:30	0	63	505	211974
4/13/23 12:00	0	63	505	211974
4/13/23 12:30	0	63	505	211974
4/13/23 13:00	0	63	505	211974
4/13/23 13:30	0	63	505	211974
4/13/23 14:00	0	63	505	211974
4/13/23 14:30	0	63	505	211974
4/13/23 15:00	0	63	505	211974
4/13/23 15:30	0	63	505	211974
4/13/23 16:00	0	63	505	211974
4/13/23 16:30	0	63	505	211974
4/13/23 17:00	0	63	505	211974
4/13/23 17:30	0	63	505	211974
4/13/23 18:00	0	63	505	211974
4/13/23 18:30	0	63	505	211974
4/13/23 19:00	0	63	505	211974
4/13/23 19:30	0	63	505	211974
4/13/23 20:00	0	63	505	211974
4/13/23 20:30	0	63	505	211974
4/13/23 21:00	0	63	505	211974
4/13/23 21:30	0	63	505	211974
4/13/23 22:00	0	63	505	211974
4/13/23 22:30	0	63	505	211974
4/13/23 23:00	0	63	505	211974
4/13/23 23:30	0	63	505	211974
4/14/23 0:00	0	63	505	211974
4/14/23 0:30	0	63	505	211974
4/14/23 1:00	0	63	505	211974
4/14/23 1:30	0	63	505	211974
4/14/23 2:00	0	63	505	211974
4/14/23 2:30	0	63	505	211974
4/14/23 3:00	0	63	505	211974
4/14/23 3:30	0	63	505	211974
4/14/23 4:00	0	63	505	211974
4/14/23 4:30	0	63	505	211974
4/14/23 5:00	0	63	505	211974
4/14/23 5:30	0	63	504	211974
4/14/23 6:00	0	63	504	211974
4/14/23 6:30	0	63	504	211974
4/14/23 7:00	0	63	504	211974
4/14/23 7:30	0	63	504	211974
4/14/23 8:00	0	63	504	211974
4/14/23 8:30	0	63	504	211974
4/14/23 9:00	0	63	504	211974
4/14/23 9:30	0	63	505	211974
4/14/23 10:00	0	63	505	211974
4/14/23 10:30	0	63	505	211974
4/14/23 11:00	0	63	505	211974
4/14/23 11:30	0	63	504	211974
4/14/23 12:00	0	63	504	211974
4/14/23 12:30	0	63	504	211974
4/14/23 13:00	0	63	504	211974
4/14/23 13:30	0	63	505	211974
4/14/23 14:00	0	63	504	211974
4/14/23 14:30	0	64	504	211974
4/14/23 15:00	0	64	504	211974
4/14/23 15:30	0	64	504	211974
4/14/23 16:00	0	64	505	211974
4/14/23 16:30	0	64	504	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/14/23 17:00	0	64	503	211974
4/14/23 17:30	0	64	504	211974
4/14/23 18:00	0	64	504	211974
4/14/23 18:30	0	64	504	211974
4/14/23 19:00	0	64	504	211974
4/14/23 19:30	0	64	504	211974
4/14/23 20:00	0	64	504	211974
4/14/23 20:30	0	64	504	211974
4/14/23 21:00	0	64	504	211974
4/14/23 21:30	0	64	504	211974
4/14/23 22:00	0	64	504	211974
4/14/23 22:30	0	64	504	211974
4/14/23 23:00	0	64	504	211974
4/14/23 23:30	0	64	504	211974
4/15/23 0:00	0	64	504	211974
4/15/23 0:30	0	64	504	211974
4/15/23 1:00	0	64	504	211974
4/15/23 1:30	0	64	504	211974
4/15/23 2:00	0	64	504	211974
4/15/23 2:30	0	64	504	211974
4/15/23 3:00	0	64	504	211974
4/15/23 3:30	0	64	504	211974
4/15/23 4:00	0	64	504	211974
4/15/23 4:30	0	64	504	211974
4/15/23 5:00	0	64	503	211974
4/15/23 5:30	0	64	503	211974
4/15/23 6:00	0	63	503	211974
4/15/23 6:30	0	63	503	211974
4/15/23 7:00	0	63	503	211974
4/15/23 7:30	0	63	503	211974
4/15/23 8:00	0	63	503	211974
4/15/23 8:30	0	63	503	211974
4/15/23 9:00	0	63	503	211974
4/15/23 9:30	0	63	504	211974
4/15/23 10:00	0	63	504	211974
4/15/23 10:30	0	64	504	211974
4/15/23 11:00	0	63	504	211974
4/15/23 11:30	0	64	504	211974
4/15/23 12:00	0	64	504	211974
4/15/23 12:30	0	64	503	211974
4/15/23 13:00	0	64	503	211974
4/15/23 13:30	0	64	503	211974
4/15/23 14:00	0	64	503	211974
4/15/23 14:30	0	64	503	211974
4/15/23 15:00	0	64	503	211974
4/15/23 15:30	0	64	503	211974
4/15/23 16:00	0	64	503	211974
4/15/23 16:30	0	64	503	211974
4/15/23 17:00	0	64	503	211974
4/15/23 17:30	0	64	503	211974
4/15/23 18:00	0	64	503	211974
4/15/23 18:30	0	64	503	211974
4/15/23 19:00	0	64	503	211974
4/15/23 19:30	0	64	503	211974
4/15/23 20:00	0	64	503	211974
4/15/23 20:30	0	64	503	211974
4/15/23 21:00	0	64	503	211974
4/15/23 21:30	0	65	503	211974
4/15/23 22:00	0	65	503	211974
4/15/23 22:30	0	64	503	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/15/23 23:00	0	64	503	211974
4/15/23 23:30	0	64	503	211974
4/16/23 0:00	0	64	503	211974
4/16/23 0:30	0	64	503	211974
4/16/23 1:00	0	64	503	211974
4/16/23 1:30	0	64	503	211974
4/16/23 2:00	0	64	503	211974
4/16/23 2:30	0	64	503	211974
4/16/23 3:00	0	64	503	211974
4/16/23 3:30	0	64	503	211974
4/16/23 4:00	0	64	503	211974
4/16/23 4:30	0	64	503	211974
4/16/23 5:00	0	64	503	211974
4/16/23 5:30	0	64	502	211974
4/16/23 6:00	0	64	502	211974
4/16/23 6:30	0	64	502	211974
4/16/23 7:00	0	64	502	211974
4/16/23 7:30	0	64	502	211974
4/16/23 8:00	0	64	502	211974
4/16/23 8:30	0	64	502	211974
4/16/23 9:00	0	64	502	211974
4/16/23 9:30	0	64	503	211974
4/16/23 10:00	0	64	503	211974
4/16/23 10:30	0	64	503	211974
4/16/23 11:00	0	64	503	211974
4/16/23 11:30	0	64	503	211974
4/16/23 12:00	0	64	503	211974
4/16/23 12:30	0	64	503	211974
4/16/23 13:00	0	64	503	211974
4/16/23 13:30	0	64	503	211974
4/16/23 14:00	0	64	502	211974
4/16/23 14:30	0	65	502	211974
4/16/23 15:00	0	65	502	211974
4/16/23 15:30	0	65	502	211974
4/16/23 16:00	0	65	502	211974
4/16/23 16:30	0	65	502	211974
4/16/23 17:00	0	65	502	211974
4/16/23 17:30	0	65	502	211974
4/16/23 18:00	0	65	502	211974
4/16/23 18:30	0	65	502	211974
4/16/23 19:00	0	65	502	211974
4/16/23 19:30	0	65	502	211974
4/16/23 20:00	0	65	502	211974
4/16/23 20:30	0	65	502	211974
4/16/23 21:00	0	65	502	211974
4/16/23 21:30	0	65	502	211974
4/16/23 22:00	0	65	502	211974
4/16/23 22:30	0	65	502	211974
4/16/23 23:00	0	65	502	211974
4/16/23 23:30	0	65	502	211974
4/17/23 0:00	0	65	502	211974
4/17/23 0:30	0	65	502	211974
4/17/23 1:00	0	65	502	211974
4/17/23 1:30	0	65	502	211974
4/17/23 2:00	0	65	502	211974
4/17/23 2:30	0	65	502	211974
4/17/23 3:00	0	65	502	211974
4/17/23 3:30	0	65	502	211974
4/17/23 4:00	0	65	502	211974
4/17/23 4:30	0	65	502	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/17/23 5:00	0	65	502	211974
4/17/23 5:30	0	65	502	211974
4/17/23 6:00	0	65	502	211974
4/17/23 6:30	0	65	502	211974
4/17/23 7:00	0	65	502	211974
4/17/23 7:30	0	65	502	211974
4/17/23 8:00	0	65	502	211974
4/17/23 8:30	0	65	502	211974
4/17/23 9:00	0	65	502	211974
4/17/23 9:30	0	65	502	211974
4/17/23 10:00	0	65	502	211974
4/17/23 10:30	0	65	502	211974
4/17/23 11:00	0	65	502	211974
4/17/23 11:30	0	65	502	211974
4/17/23 12:00	0	65	502	211974
4/17/23 12:30	0	65	502	211974
4/17/23 13:00	0	65	502	211974
4/17/23 13:30	0	65	502	211974
4/17/23 14:00	0	65	502	211974
4/17/23 14:30	0	65	502	211974
4/17/23 15:00	0	65	502	211974
4/17/23 15:30	0	65	502	211974
4/17/23 16:00	0	65	502	211974
4/17/23 16:30	0	66	502	211974
4/17/23 17:00	0	66	502	211974
4/17/23 17:30	0	66	502	211974
4/17/23 18:00	0	66	502	211974
4/17/23 18:30	0	66	502	211974
4/17/23 19:00	0	66	502	211974
4/17/23 19:30	0	66	501	211974
4/17/23 20:00	0	66	502	211974
4/17/23 20:30	0	66	501	211974
4/17/23 21:00	0	66	501	211974
4/17/23 21:30	0	66	501	211974
4/17/23 22:00	0	66	501	211974
4/17/23 22:30	0	66	501	211974
4/17/23 23:00	0	66	501	211974
4/17/23 23:30	0	66	501	211974
4/18/23 0:00	0	66	501	211974
4/18/23 0:30	0	66	501	211974
4/18/23 1:00	0	66	501	211974
4/18/23 1:30	0	66	501	211974
4/18/23 2:00	0	66	501	211974
4/18/23 2:30	0	66	501	211974
4/18/23 3:00	0	66	501	211974
4/18/23 3:30	0	65	501	211974
4/18/23 4:00	0	65	501	211974
4/18/23 4:30	0	65	501	211974
4/18/23 5:00	0	65	501	211974
4/18/23 5:30	0	65	501	211974
4/18/23 6:00	0	65	501	211974
4/18/23 6:30	0	65	501	211974
4/18/23 7:00	0	65	501	211974
4/18/23 7:30	0	65	501	211974
4/18/23 8:00	0	65	501	211974
4/18/23 8:30	0	65	501	211974
4/18/23 9:00	0	65	501	211974
4/18/23 9:30	0	65	502	211974
4/18/23 10:00	0	65	502	211974
4/18/23 10:30	0	65	502	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/18/23 11:00	0	65	501	211974
4/18/23 11:30	0	65	501	211974
4/18/23 12:00	0	65	501	211974
4/18/23 12:30	0	65	501	211974
4/18/23 13:00	0	65	502	211974
4/18/23 13:30	0	65	501	211974
4/18/23 14:00	0	65	501	211974
4/18/23 14:30	0	65	501	211974
4/18/23 15:00	0	66	501	211974
4/18/23 15:30	0	66	501	211974
4/18/23 16:00	0	66	501	211974
4/18/23 16:30	0	66	501	211974
4/18/23 17:00	0	66	501	211974
4/18/23 17:30	0	66	501	211974
4/18/23 18:00	0	66	501	211974
4/18/23 18:30	0	66	501	211974
4/18/23 19:00	0	66	501	211974
4/18/23 19:30	0	66	501	211974
4/18/23 20:00	0	66	501	211974
4/18/23 20:30	0	66	501	211974
4/18/23 21:00	0	66	501	211974
4/18/23 21:30	0	66	500	211974
4/18/23 22:00	0	66	501	211974
4/18/23 22:30	0	66	501	211974
4/18/23 23:00	0	66	501	211974
4/18/23 23:30	0	66	501	211974
4/19/23 0:00	0	66	501	211974
4/19/23 0:30	0	66	501	211974
4/19/23 1:00	0	66	501	211974
4/19/23 1:30	0	66	501	211974
4/19/23 2:00	0	66	501	211974
4/19/23 2:30	0	66	501	211974
4/19/23 3:00	0	66	501	211974
4/19/23 3:30	0	66	501	211974
4/19/23 4:00	0	66	501	211974
4/19/23 4:30	0	66	500	211974
4/19/23 5:00	0	66	500	211974
4/19/23 5:30	0	66	500	211974
4/19/23 6:00	0	66	500	211974
4/19/23 6:30	0	66	500	211974
4/19/23 7:00	0	66	500	211974
4/19/23 7:30	0	66	500	211974
4/19/23 8:00	0	66	500	211974
4/19/23 8:30	0	66	500	211974
4/19/23 9:00	0	66	500	211974
4/19/23 9:30	0	66	500	211974
4/19/23 10:00	0	66	501	211974
4/19/23 10:30	0	66	500	211974
4/19/23 11:00	0	66	501	211974
4/19/23 11:30	0	66	501	211974
4/19/23 12:00	0	66	501	211974
4/19/23 12:30	0	66	500	211974
4/19/23 13:00	0	66	500	211974
4/19/23 13:30	0	66	500	211974
4/19/23 14:00	0	66	500	211974
4/19/23 14:30	0	66	500	211974
4/19/23 15:00	0	66	500	211974
4/19/23 15:30	0	66	500	211974
4/19/23 16:00	0	66	500	211974
4/19/23 16:30	0	66	500	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/19/23 17:00	0	66	500	211974
4/19/23 17:30	0	66	500	211974
4/19/23 18:00	0	67	500	211974
4/19/23 18:30	0	67	500	211974
4/19/23 19:00	0	67	500	211974
4/19/23 19:30	0	67	500	211974
4/19/23 20:00	0	67	500	211974
4/19/23 20:30	0	67	500	211974
4/19/23 21:00	0	67	500	211974
4/19/23 21:30	0	67	500	211974
4/19/23 22:00	0	67	500	211974
4/19/23 22:30	0	66	500	211974
4/19/23 23:00	0	66	500	211974
4/19/23 23:30	0	66	500	211974
4/20/23 0:00	0	66	500	211974
4/20/23 0:30	0	66	500	211974
4/20/23 1:00	0	66	500	211974
4/20/23 1:30	0	66	500	211974
4/20/23 2:00	0	66	500	211974
4/20/23 2:30	0	66	500	211974
4/20/23 3:00	0	66	500	211974
4/20/23 3:30	0	66	500	211974
4/20/23 4:00	0	66	500	211974
4/20/23 4:30	0	66	500	211974
4/20/23 5:00	0	66	500	211974
4/20/23 5:30	0	66	499	211974
4/20/23 6:00	0	66	499	211974
4/20/23 6:30	0	66	499	211974
4/20/23 7:00	0	66	499	211974
4/20/23 7:30	0	66	499	211974
4/20/23 8:00	0	66	499	211974
4/20/23 8:30	0	66	499	211974
4/20/23 9:00	0	66	500	211974
4/20/23 9:30	0	66	500	211974
4/20/23 10:00	0	66	500	211974
4/20/23 10:30	0	66	500	211974
4/20/23 11:00	0	66	500	211974
4/20/23 11:30	0	66	500	211974
4/20/23 12:00	0	66	500	211974
4/20/23 12:30	0	66	500	211974
4/20/23 13:00	0	66	500	211974
4/20/23 13:30	0	66	500	211974
4/20/23 14:00	0	66	499	211974
4/20/23 14:30	0	66	499	211974
4/20/23 15:00	0	66	499	211974
4/20/23 15:30	0	66	499	211974
4/20/23 16:00	0	66	499	211974
4/20/23 16:30	0	66	499	211974
4/20/23 17:00	0	67	499	211974
4/20/23 17:30	0	67	499	211974
4/20/23 18:00	0	67	499	211974
4/20/23 18:30	0	67	499	211974
4/20/23 19:00	0	67	499	211974
4/20/23 19:30	0	67	499	211974
4/20/23 20:00	0	67	499	211974
4/20/23 20:30	0	67	499	211974
4/20/23 21:00	0	67	499	211974
4/20/23 21:30	0	67	499	211974
4/20/23 22:00	0	67	499	211974
4/20/23 22:30	0	67	499	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/20/23 23:00	0	67	499	211974
4/20/23 23:30	0	67	499	211974
4/21/23 0:00	0	67	499	211974
4/21/23 0:30	0	67	499	211974
4/21/23 1:00	0	67	499	211974
4/21/23 1:30	0	67	499	211974
4/21/23 2:00	0	66	499	211974
4/21/23 2:30	0	66	499	211974
4/21/23 3:00	0	66	499	211974
4/21/23 3:30	0	66	499	211974
4/21/23 4:00	0	66	499	211974
4/21/23 4:30	0	66	499	211974
4/21/23 5:00	0	66	499	211974
4/21/23 5:30	0	66	499	211974
4/21/23 6:00	0	66	499	211974
4/21/23 6:30	0	66	499	211974
4/21/23 7:00	0	66	499	211974
4/21/23 7:30	0	66	498	211974
4/21/23 8:00	0	66	498	211974
4/21/23 8:30	0	66	498	211974
4/21/23 9:00	0	66	499	211974
4/21/23 9:30	0	66	499	211974
4/21/23 10:00	0	66	499	211974
4/21/23 10:30	0	66	499	211974
4/21/23 11:00	0	66	499	211974
4/21/23 11:30	0	66	499	211974
4/21/23 12:00	0	66	499	211974
4/21/23 12:30	0	66	499	211974
4/21/23 13:00	0	66	499	211974
4/21/23 13:30	0	67	499	211974
4/21/23 14:00	0	67	499	211974
4/21/23 14:30	0	67	499	211974
4/21/23 15:00	0	67	499	211974
4/21/23 15:30	0	67	499	211974
4/21/23 16:00	0	67	499	211974
4/21/23 16:30	0	67	499	211974
4/21/23 17:00	0	67	499	211974
4/21/23 17:30	0	67	498	211974
4/21/23 18:00	0	67	499	211974
4/21/23 18:30	0	67	498	211974
4/21/23 19:00	0	67	499	211974
4/21/23 19:30	0	67	499	211974
4/21/23 20:00	0	67	498	211974
4/21/23 20:30	0	67	498	211974
4/21/23 21:00	0	67	498	211974
4/21/23 21:30	0	67	498	211974
4/21/23 22:00	0	67	498	211974
4/21/23 22:30	0	67	498	211974
4/21/23 23:00	0	67	499	211974
4/21/23 23:30	0	67	498	211974
4/22/23 0:00	0	67	498	211974
4/22/23 0:30	0	67	498	211974
4/22/23 1:00	0	67	498	211974
4/22/23 1:30	0	67	498	211974
4/22/23 2:00	0	67	498	211974
4/22/23 2:30	0	67	498	211974
4/22/23 3:00	0	67	498	211974
4/22/23 3:30	0	67	498	211974
4/22/23 4:00	0	67	498	211974
4/22/23 4:30	0	67	498	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/22/23 5:00	0	67	498	211974
4/22/23 5:30	0	67	498	211974
4/22/23 6:00	0	67	498	211974
4/22/23 6:30	0	67	498	211974
4/22/23 7:00	0	67	498	211974
4/22/23 7:30	0	67	498	211974
4/22/23 8:00	0	67	498	211974
4/22/23 8:30	0	67	498	211974
4/22/23 9:00	0	67	498	211974
4/22/23 9:30	0	67	498	211974
4/22/23 10:00	0	67	498	211974
4/22/23 10:30	0	67	498	211974
4/22/23 11:00	0	67	499	211974
4/22/23 11:30	0	67	498	211974
4/22/23 12:00	0	67	499	211974
4/22/23 12:30	0	67	498	211974
4/22/23 13:00	0	67	498	211974
4/22/23 13:30	0	67	498	211974
4/22/23 14:00	0	67	498	211974
4/22/23 14:30	0	67	498	211974
4/22/23 15:00	0	67	498	211974
4/22/23 15:30	0	67	498	211974
4/22/23 16:00	0	67	498	211974
4/22/23 16:30	0	67	498	211974
4/22/23 17:00	0	67	498	211974
4/22/23 17:30	0	67	498	211974
4/22/23 18:00	0	67	498	211974
4/22/23 18:30	0	67	498	211974
4/22/23 19:00	0	67	498	211974
4/22/23 19:30	0	67	498	211974
4/22/23 20:00	0	67	498	211974
4/22/23 20:30	0	67	498	211974
4/22/23 21:00	0	68	498	211974
4/22/23 21:30	0	68	498	211974
4/22/23 22:00	0	68	498	211974
4/22/23 22:30	0	67	498	211974
4/22/23 23:00	0	67	498	211974
4/22/23 23:30	0	67	498	211974
4/23/23 0:00	0	67	498	211974
4/23/23 0:30	0	67	498	211974
4/23/23 1:00	0	67	498	211974
4/23/23 1:30	0	67	498	211974
4/23/23 2:00	0	67	498	211974
4/23/23 2:30	0	67	498	211974
4/23/23 3:00	0	67	498	211974
4/23/23 3:30	0	67	498	211974
4/23/23 4:00	0	67	498	211974
4/23/23 4:30	0	67	498	211974
4/23/23 5:00	0	67	498	211974
4/23/23 5:30	0	67	498	211974
4/23/23 6:00	0	67	498	211974
4/23/23 6:30	0	67	498	211974
4/23/23 7:00	0	67	497	211974
4/23/23 7:30	0	67	497	211974
4/23/23 8:00	0	67	497	211974
4/23/23 8:30	0	67	497	211974
4/23/23 9:00	0	67	497	211974
4/23/23 9:30	0	67	498	211974
4/23/23 10:00	0	67	498	211974
4/23/23 10:30	0	67	498	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/23/23 11:00	0	67	498	211974
4/23/23 11:30	0	67	498	211974
4/23/23 12:00	0	67	498	211974
4/23/23 12:30	0	67	498	211974
4/23/23 13:00	0	67	498	211974
4/23/23 13:30	0	67	497	211974
4/23/23 14:00	0	67	497	211974
4/23/23 14:30	0	67	497	211974
4/23/23 15:00	0	67	497	211974
4/23/23 15:30	0	67	497	211974
4/23/23 16:00	0	68	497	211974
4/23/23 16:30	0	68	497	211974
4/23/23 17:00	0	68	497	211974
4/23/23 17:30	0	68	497	211974
4/23/23 18:00	0	68	497	211974
4/23/23 18:30	0	68	497	211974
4/23/23 19:00	0	68	497	211974
4/23/23 19:30	0	68	497	211974
4/23/23 20:00	0	68	497	211974
4/23/23 20:30	0	68	497	211974
4/23/23 21:00	0	68	497	211974
4/23/23 21:30	0	68	497	211974
4/23/23 22:00	0	68	497	211974
4/23/23 22:30	0	68	497	211974
4/23/23 23:00	0	68	497	211974
4/23/23 23:30	0	68	497	211974
4/24/23 0:00	0	68	497	211974
4/24/23 0:30	0	68	497	211974
4/24/23 1:00	0	68	497	211974
4/24/23 1:30	0	68	497	211974
4/24/23 2:00	0	68	497	211974
4/24/23 2:30	0	68	497	211974
4/24/23 3:00	0	68	497	211974
4/24/23 3:30	0	68	497	211974
4/24/23 4:00	0	68	497	211974
4/24/23 4:30	0	68	497	211974
4/24/23 5:00	0	68	497	211974
4/24/23 5:30	0	68	497	211974
4/24/23 6:00	0	67	497	211974
4/24/23 6:30	0	67	497	211974
4/24/23 7:00	0	67	497	211974
4/24/23 7:30	0	67	497	211974
4/24/23 8:00	0	67	497	211974
4/24/23 8:30	0	67	497	211974
4/24/23 9:00	0	67	497	211974
4/24/23 9:30	0	67	497	211974
4/24/23 10:00	0	67	497	211974
4/24/23 10:30	0	67	497	211974
4/24/23 11:00	0	67	497	211974
4/24/23 11:30	0	67	497	211974
4/24/23 12:00	0	67	497	211974
4/24/23 12:30	0	67	498	211974
4/24/23 13:00	0	67	497	211974
4/24/23 13:30	0	68	497	211974
4/24/23 14:00	0	68	497	211974
4/24/23 14:30	0	68	497	211974
4/24/23 15:00	0	68	497	211974
4/24/23 15:30	0	68	497	211974
4/24/23 16:00	0	68	497	211974
4/24/23 16:30	0	68	497	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/24/23 17:00	0	68	497	211974
4/24/23 17:30	0	68	496	211974
4/24/23 18:00	0	68	496	211974
4/24/23 18:30	0	68	496	211974
4/24/23 19:00	0	68	497	211974
4/24/23 19:30	0	68	497	211974
4/24/23 20:00	0	68	497	211974
4/24/23 20:30	0	68	496	211974
4/24/23 21:00	0	68	496	211974
4/24/23 21:30	0	68	496	211974
4/24/23 22:00	0	68	496	211974
4/24/23 22:30	0	68	496	211974
4/24/23 23:00	0	68	496	211974
4/24/23 23:30	0	68	497	211974
4/25/23 0:00	0	68	497	211974
4/25/23 0:30	0	68	497	211974
4/25/23 1:00	0	68	497	211974
4/25/23 1:30	0	68	497	211974
4/25/23 2:00	0	68	497	211974
4/25/23 2:30	0	68	497	211974
4/25/23 3:00	0	68	497	211974
4/25/23 3:30	0	68	497	211974
4/25/23 4:00	0	68	496	211974
4/25/23 4:30	0	68	496	211974
4/25/23 5:00	0	68	496	211974
4/25/23 5:30	0	68	496	211974
4/25/23 6:00	0	68	496	211974
4/25/23 6:30	0	68	496	211974
4/25/23 7:00	0	68	496	211974
4/25/23 7:30	0	68	496	211974
4/25/23 8:00	0	68	496	211974
4/25/23 8:30	0	68	496	211974
4/25/23 9:00	0	68	496	211974
4/25/23 9:30	0	68	497	211974
4/25/23 10:00	0	68	497	211974
4/25/23 10:30	0	68	497	211974
4/25/23 11:00	0	68	497	211974
4/25/23 11:30	0	68	497	211974
4/25/23 12:00	0	68	497	211974
4/25/23 12:30	0	68	497	211974
4/25/23 13:00	0	68	496	211974
4/25/23 13:30	0	68	496	211974
4/25/23 14:00	0	68	496	211974
4/25/23 14:30	0	68	496	211974
4/25/23 15:00	0	68	496	211974
4/25/23 15:30	0	68	496	211974
4/25/23 16:00	0	68	496	211974
4/25/23 16:30	0	68	496	211974
4/25/23 17:00	0	68	496	211974
4/25/23 17:30	0	68	496	211974
4/25/23 18:00	0	68	496	211974
4/25/23 18:30	0	68	496	211974
4/25/23 19:00	0	68	496	211974
4/25/23 19:30	0	68	496	211974
4/25/23 20:00	0	68	496	211974
4/25/23 20:30	0	68	496	211974
4/25/23 21:00	0	68	496	211974
4/25/23 21:30	0	68	496	211974
4/25/23 22:00	0	68	496	211974
4/25/23 22:30	0	68	496	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/25/23 23:00	0	68	496	211974
4/25/23 23:30	0	68	496	211974
4/26/23 0:00	0	68	496	211974
4/26/23 0:30	0	68	496	211974
4/26/23 1:00	0	68	496	211974
4/26/23 1:30	0	68	496	211974
4/26/23 2:00	0	68	496	211974
4/26/23 2:30	0	68	496	211974
4/26/23 3:00	0	68	496	211974
4/26/23 3:30	0	68	496	211974
4/26/23 4:00	0	68	496	211974
4/26/23 4:30	0	68	496	211974
4/26/23 5:00	0	68	496	211974
4/26/23 5:30	0	68	496	211974
4/26/23 6:00	0	68	496	211974
4/26/23 6:30	0	68	496	211974
4/26/23 7:00	0	68	496	211974
4/26/23 7:30	0	68	496	211974
4/26/23 8:00	0	68	496	211974
4/26/23 8:30	0	68	495	211974
4/26/23 9:00	0	68	496	211974
4/26/23 9:30	0	68	496	211974
4/26/23 10:00	0	68	496	211974
4/26/23 10:30	0	68	496	211974
4/26/23 11:00	0	68	496	211974
4/26/23 11:30	0	68	496	211974
4/26/23 12:00	0	68	496	211974
4/26/23 12:30	0	68	496	211974
4/26/23 13:00	0	68	496	211974
4/26/23 13:30	0	68	496	211974
4/26/23 14:00	0	68	496	211974
4/26/23 14:30	0	68	496	211974
4/26/23 15:00	0	68	496	211974
4/26/23 15:30	0	68	496	211974
4/26/23 16:00	0	68	496	211974
4/26/23 16:30	0	69	495	211974
4/26/23 17:00	0	69	496	211974
4/26/23 17:30	0	69	496	211974
4/26/23 18:00	0	69	495	211974
4/26/23 18:30	0	69	495	211974
4/26/23 19:00	0	69	495	211974
4/26/23 19:30	0	69	495	211974
4/26/23 20:00	0	69	495	211974
4/26/23 20:30	0	69	495	211974
4/26/23 21:00	0	69	495	211974
4/26/23 21:30	0	69	495	211974
4/26/23 22:00	0	69	495	211974
4/26/23 22:30	0	69	495	211974
4/26/23 23:00	0	69	495	211974
4/26/23 23:30	0	69	495	211974
4/27/23 0:00	0	69	495	211974
4/27/23 0:30	0	69	495	211974
4/27/23 1:00	0	69	495	211974
4/27/23 1:30	0	69	495	211974
4/27/23 2:00	0	69	495	211974
4/27/23 2:30	0	69	495	211974
4/27/23 3:00	0	69	495	211974
4/27/23 3:30	0	69	495	211974
4/27/23 4:00	0	69	495	211974
4/27/23 4:30	0	69	495	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/27/23 5:00	0	69	495	211974
4/27/23 5:30	0	69	495	211974
4/27/23 6:00	0	68	495	211974
4/27/23 6:30	0	68	495	211974
4/27/23 7:00	0	68	495	211974
4/27/23 7:30	0	68	495	211974
4/27/23 8:00	0	68	495	211974
4/27/23 8:30	0	68	495	211974
4/27/23 9:00	0	68	495	211974
4/27/23 9:30	0	68	495	211974
4/27/23 10:00	0	68	496	211974
4/27/23 10:30	0	68	496	211974
4/27/23 11:00	0	68	496	211974
4/27/23 11:30	0	68	496	211974
4/27/23 12:00	0	68	496	211974
4/27/23 12:30	0	68	495	211974
4/27/23 13:00	0	69	495	211974
4/27/23 13:30	0	69	495	211974
4/27/23 14:00	0	69	495	211974
4/27/23 14:30	0	69	495	211974
4/27/23 15:00	0	69	495	211974
4/27/23 15:30	0	69	495	211974
4/27/23 16:00	0	69	495	211974
4/27/23 16:30	0	69	495	211974
4/27/23 17:00	0	69	495	211974
4/27/23 17:30	0	69	495	211974
4/27/23 18:00	0	69	495	211974
4/27/23 18:30	0	69	495	211974
4/27/23 19:00	0	69	495	211974
4/27/23 19:30	0	69	495	211974
4/27/23 20:00	0	69	495	211974
4/27/23 20:30	0	69	495	211974
4/27/23 21:00	0	69	495	211974
4/27/23 21:30	0	69	495	211974
4/27/23 22:00	0	69	495	211974
4/27/23 22:30	0	69	495	211974
4/27/23 23:00	0	69	495	211974
4/27/23 23:30	0	69	495	211974
4/28/23 0:00	0	69	495	211974
4/28/23 0:30	0	69	495	211974
4/28/23 1:00	0	69	495	211974
4/28/23 1:30	0	69	495	211974
4/28/23 2:00	0	69	495	211974
4/28/23 2:30	0	69	495	211974
4/28/23 3:00	0	69	495	211974
4/28/23 3:30	0	69	495	211974
4/28/23 4:00	0	69	495	211974
4/28/23 4:30	0	69	495	211974
4/28/23 5:00	0	69	495	211974
4/28/23 5:30	0	69	495	211974
4/28/23 6:00	0	69	495	211974
4/28/23 6:30	0	69	495	211974
4/28/23 7:00	0	69	495	211974
4/28/23 7:30	0	69	495	211974
4/28/23 8:00	0	69	495	211974
4/28/23 8:30	0	69	495	211974
4/28/23 9:00	0	69	495	211974
4/28/23 9:30	0	69	495	211974
4/28/23 10:00	0	69	495	211974
4/28/23 10:30	0	69	495	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/28/23 11:00	0	69	495	211974
4/28/23 11:30	0	69	495	211974
4/28/23 12:00	0	69	495	211974
4/28/23 12:30	0	69	495	211974
4/28/23 13:00	0	69	495	211974
4/28/23 13:30	0	69	495	211974
4/28/23 14:00	0	69	494	211974
4/28/23 14:30	0	69	494	211974
4/28/23 15:00	0	69	494	211974
4/28/23 15:30	0	69	494	211974
4/28/23 16:00	0	69	494	211974
4/28/23 16:30	0	70	494	211974
4/28/23 17:00	0	70	494	211974
4/28/23 17:30	0	70	494	211974
4/28/23 18:00	0	70	494	211974
4/28/23 18:30	0	70	494	211974
4/28/23 19:00	0	70	494	211974
4/28/23 19:30	0	70	494	211974
4/28/23 20:00	0	70	494	211974
4/28/23 20:30	0	70	494	211974
4/28/23 21:00	0	70	494	211974
4/28/23 21:30	0	70	494	211974
4/28/23 22:00	0	70	494	211974
4/28/23 22:30	0	70	494	211974
4/28/23 23:00	0	70	494	211974
4/28/23 23:30	0	70	494	211974
4/29/23 0:00	0	70	494	211974
4/29/23 0:30	0	70	494	211974
4/29/23 1:00	0	70	494	211974
4/29/23 1:30	0	70	494	211974
4/29/23 2:00	0	70	494	211974
4/29/23 2:30	0	70	494	211974
4/29/23 3:00	0	70	494	211974
4/29/23 3:30	0	69	494	211974
4/29/23 4:00	0	69	494	211974
4/29/23 4:30	0	69	494	211974
4/29/23 5:00	0	69	494	211974
4/29/23 5:30	0	69	494	211974
4/29/23 6:00	0	69	494	211974
4/29/23 6:30	0	69	494	211974
4/29/23 7:00	0	69	494	211974
4/29/23 7:30	0	69	494	211974
4/29/23 8:00	0	69	494	211974
4/29/23 8:30	0	69	494	211974
4/29/23 9:00	0	69	494	211974
4/29/23 9:30	0	69	494	211974
4/29/23 10:00	0	69	494	211974
4/29/23 10:30	0	69	494	211974
4/29/23 11:00	0	69	494	211974
4/29/23 11:30	0	69	494	211974
4/29/23 12:00	0	69	494	211974
4/29/23 12:30	0	70	494	211974
4/29/23 13:00	0	70	494	211974
4/29/23 13:30	0	70	494	211974
4/29/23 14:00	0	70	494	211974
4/29/23 14:30	0	70	494	211974
4/29/23 15:00	0	70	494	211974
4/29/23 15:30	0	70	494	211974
4/29/23 16:00	0	70	494	211974
4/29/23 16:30	0	70	494	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/29/23 17:00	0	70	494	211974
4/29/23 17:30	0	70	494	211974
4/29/23 18:00	0	70	494	211974
4/29/23 18:30	0	70	494	211974
4/29/23 19:00	0	70	494	211974
4/29/23 19:30	0	70	494	211974
4/29/23 20:00	0	70	494	211974
4/29/23 20:30	0	70	494	211974
4/29/23 21:00	0	70	494	211974
4/29/23 21:30	0	70	493	211974
4/29/23 22:00	0	70	493	211974
4/29/23 22:30	0	70	493	211974
4/29/23 23:00	0	70	494	211974
4/29/23 23:30	0	70	494	211974
4/30/23 0:00	0	70	494	211974
4/30/23 0:30	0	70	494	211974
4/30/23 1:00	0	70	494	211974
4/30/23 1:30	0	70	494	211974
4/30/23 2:00	0	70	494	211974
4/30/23 2:30	0	70	494	211974
4/30/23 3:00	0	70	494	211974
4/30/23 3:30	0	70	494	211974
4/30/23 4:00	0	70	493	211974
4/30/23 4:30	0	70	494	211974
4/30/23 5:00	0	70	494	211974
4/30/23 5:30	0	70	494	211974
4/30/23 6:00	0	70	493	211974
4/30/23 6:30	0	70	493	211974
4/30/23 7:00	0	70	493	211974
4/30/23 7:30	0	70	493	211974
4/30/23 8:00	0	70	493	211974
4/30/23 8:30	0	70	493	211974
4/30/23 9:00	0	70	494	211974
4/30/23 9:30	0	70	494	211974
4/30/23 10:00	0	70	494	211974
4/30/23 10:30	0	70	494	211974
4/30/23 11:00	0	70	494	211974
4/30/23 11:30	0	70	494	211974
4/30/23 12:00	0	70	494	211974
4/30/23 12:30	0	70	494	211974
4/30/23 13:00	0	70	494	211974
4/30/23 13:30	0	70	493	211974
4/30/23 14:00	0	70	493	211974
4/30/23 14:30	0	70	493	211974
4/30/23 15:00	0	70	493	211974
4/30/23 15:30	0	71	493	211974
4/30/23 16:00	0	71	493	211974
4/30/23 16:30	0	71	493	211974
4/30/23 17:00	0	71	493	211974
4/30/23 17:30	0	71	493	211974
4/30/23 18:00	0	71	493	211974
4/30/23 18:30	0	71	493	211974
4/30/23 19:00	0	71	493	211974
4/30/23 19:30	0	71	493	211974
4/30/23 20:00	0	71	493	211974
4/30/23 20:30	0	71	493	211974
4/30/23 21:00	0	71	493	211974
4/30/23 21:30	0	71	493	211974
4/30/23 22:00	0	71	493	211974
4/30/23 22:30	0	71	493	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
4/30/23 23:00	0	71	493	211974
4/30/23 23:30	0	71	493	211974
5/1/23 0:00	0	71	493	211974
5/1/23 0:30	0	71	493	211974
5/1/23 1:00	0	71	493	211974
5/1/23 1:30	0	71	493	211974
5/1/23 2:00	0	71	493	211974
5/1/23 2:30	0	71	493	211974
5/1/23 3:00	0	71	493	211974
5/1/23 3:30	0	71	493	211974
5/1/23 4:00	0	71	493	211974
5/1/23 4:30	0	71	493	211974
5/1/23 5:00	0	71	493	211974
5/1/23 5:30	0	70	493	211974
5/1/23 6:00	0	70	493	211974
5/1/23 6:30	0	70	493	211974
5/1/23 7:00	0	70	493	211974
5/1/23 7:30	0	70	493	211974
5/1/23 8:00	0	70	493	211974
5/1/23 8:30	0	70	493	211974
5/1/23 9:00	0	70	493	211974
5/1/23 9:30	0	70	493	211974
5/1/23 10:00	0	70	493	211974
5/1/23 10:30	0	70	493	211974
5/1/23 11:00	0	71	493	211974
5/1/23 11:30	0	71	493	211974
5/1/23 12:00	0	71	493	211974
5/1/23 12:30	0	71	493	211974
5/1/23 13:00	0	71	493	211974
5/1/23 13:30	0	71	493	211974
5/1/23 14:00	0	71	493	211974
5/1/23 14:30	0	71	493	211974
5/1/23 15:00	0	71	493	211974
5/1/23 15:30	0	71	493	211974
5/1/23 16:00	0	71	493	211974
5/1/23 16:30	0	71	493	211974
5/1/23 17:00	0	71	493	211974
5/1/23 17:30	0	71	493	211974
5/1/23 18:00	0	71	493	211974
5/1/23 18:30	0	72	493	211974
5/1/23 19:00	0	72	493	211974
5/1/23 19:30	0	72	493	211974
5/1/23 20:00	0	72	492	211974
5/1/23 20:30	0	72	493	211974
5/1/23 21:00	0	72	493	211974
5/1/23 21:30	0	72	493	211974
5/1/23 22:00	0	72	493	211974
5/1/23 22:30	0	72	493	211974
5/1/23 23:00	0	72	493	211974
5/1/23 23:30	0	71	493	211974
5/2/23 0:00	0	71	493	211974
5/2/23 0:30	0	71	493	211974
5/2/23 1:00	0	71	493	211974
5/2/23 1:30	0	71	493	211974
5/2/23 2:00	0	71	493	211974
5/2/23 2:30	0	71	493	211974
5/2/23 3:00	0	71	493	211974
5/2/23 3:30	0	71	493	211974
5/2/23 4:00	0	71	493	211974
5/2/23 4:30	0	71	493	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/2/23 5:00	0	71	493	211974
5/2/23 5:30	0	71	493	211974
5/2/23 6:00	0	71	493	211974
5/2/23 6:30	0	71	493	211974
5/2/23 7:00	0	71	493	211974
5/2/23 7:30	0	71	493	211974
5/2/23 8:00	0	71	493	211974
5/2/23 8:30	0	71	493	211974
5/2/23 9:00	0	71	493	211974
5/2/23 9:30	0	71	493	211974
5/2/23 10:00	0	71	493	211974
5/2/23 10:30	0	71	493	211974
5/2/23 11:00	0	71	493	211974
5/2/23 11:30	0	71	493	211974
5/2/23 12:00	0	71	493	211974
5/2/23 12:30	0	71	493	211974
5/2/23 13:00	0	71	493	211974
5/2/23 13:30	0	71	493	211974
5/2/23 14:00	0	72	493	211974
5/2/23 14:30	0	72	492	211974
5/2/23 15:00	0	72	492	211974
5/2/23 15:30	0	72	492	211974
5/2/23 16:00	0	72	492	211974
5/2/23 16:30	0	72	493	211974
5/2/23 17:00	0	72	492	211974
5/2/23 17:30	0	72	492	211974
5/2/23 18:00	0	72	492	211974
5/2/23 18:30	0	72	492	211974
5/2/23 19:00	0	72	492	211974
5/2/23 19:30	0	72	492	211974
5/2/23 20:00	0	72	492	211974
5/2/23 20:30	0	72	492	211974
5/2/23 21:00	0	72	492	211974
5/2/23 21:30	0	72	492	211974
5/2/23 22:00	0	72	492	211974
5/2/23 22:30	0	72	492	211974
5/2/23 23:00	0	72	492	211974
5/2/23 23:30	0	72	492	211974
5/3/23 0:00	0	72	492	211974
5/3/23 0:30	0	72	492	211974
5/3/23 1:00	0	72	492	211974
5/3/23 1:30	0	72	492	211974
5/3/23 2:00	0	72	492	211974
5/3/23 2:30	0	72	492	211974
5/3/23 3:00	0	72	492	211974
5/3/23 3:30	0	72	492	211974
5/3/23 4:00	0	72	492	211974
5/3/23 4:30	0	72	492	211974
5/3/23 5:00	0	72	492	211974
5/3/23 5:30	0	72	492	211974
5/3/23 6:00	0	72	492	211974
5/3/23 6:30	0	72	492	211974
5/3/23 7:00	0	72	492	211974
5/3/23 7:30	0	72	492	211974
5/3/23 8:00	0	72	492	211974
5/3/23 8:30	0	72	492	211974
5/3/23 9:00	0	72	492	211974
5/3/23 9:30	0	72	492	211974
5/3/23 10:00	0	72	492	211974
5/3/23 10:30	0	72	492	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/3/23 11:00	0	72	492	211974
5/3/23 11:30	0	72	492	211974
5/3/23 12:00	0	72	492	211974
5/3/23 12:30	0	72	492	211974
5/3/23 13:00	0	72	492	211974
5/3/23 13:30	0	72	492	211974
5/3/23 14:00	0	72	492	211974
5/3/23 14:30	0	72	492	211974
5/3/23 15:00	0	72	492	211974
5/3/23 15:30	0	72	492	211974
5/3/23 16:00	0	72	492	211974
5/3/23 16:30	0	72	492	211974
5/3/23 17:00	0	72	492	211974
5/3/23 17:30	0	72	492	211974
5/3/23 18:00	0	72	491	211974
5/3/23 18:30	0	72	491	211974
5/3/23 19:00	0	72	492	211974
5/3/23 19:30	0	72	492	211974
5/3/23 20:00	0	72	492	211974
5/3/23 20:30	0	72	492	211974
5/3/23 21:00	0	72	492	211974
5/3/23 21:30	0	72	492	211974
5/3/23 22:00	0	72	492	211974
5/3/23 22:30	0	72	492	211974
5/3/23 23:00	0	72	492	211974
5/3/23 23:30	0	72	492	211974
5/4/23 0:00	0	72	492	211974
5/4/23 0:30	0	72	492	211974
5/4/23 1:00	0	72	492	211974
5/4/23 1:30	0	72	492	211974
5/4/23 2:00	0	72	492	211974
5/4/23 2:30	0	72	492	211974
5/4/23 3:00	0	72	492	211974
5/4/23 3:30	0	72	492	211974
5/4/23 4:00	0	72	492	211974
5/4/23 4:30	0	72	492	211974
5/4/23 5:00	0	72	492	211974
5/4/23 5:30	0	72	492	211974
5/4/23 6:00	0	72	492	211974
5/4/23 6:30	0	72	492	211974
5/4/23 7:00	0	72	492	211974
5/4/23 7:30	0	72	492	211974
5/4/23 8:00	0	72	492	211974
5/4/23 8:30	0	72	492	211974
5/4/23 9:00	0	72	492	211974
5/4/23 9:30	0	72	492	211974
5/4/23 10:00	0	72	492	211974
5/4/23 10:30	0	72	492	211974
5/4/23 11:00	0	72	492	211974
5/4/23 11:30	0	72	492	211974
5/4/23 12:00	0	72	491	211974
5/4/23 12:30	0	72	492	211974
5/4/23 13:00	0	72	492	211974
5/4/23 13:30	0	72	492	211974
5/4/23 14:00	0	72	491	211974
5/4/23 14:30	0	72	491	211974
5/4/23 15:00	0	72	491	211974
5/4/23 15:30	0	73	491	211974
5/4/23 16:00	0	73	491	211974
5/4/23 16:30	0	73	491	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/4/23 17:00	0	73	491	211974
5/4/23 17:30	0	73	491	211974
5/4/23 18:00	0	73	491	211974
5/4/23 18:30	0	73	491	211974
5/4/23 19:00	0	73	491	211974
5/4/23 19:30	0	73	491	211974
5/4/23 20:00	0	73	491	211974
5/4/23 20:30	0	73	491	211974
5/4/23 21:00	0	73	491	211974
5/4/23 21:30	0	73	491	211974
5/4/23 22:00	0	73	491	211974
5/4/23 22:30	0	73	491	211974
5/4/23 23:00	0	73	491	211974
5/4/23 23:30	0	73	491	211974
5/5/23 0:00	0	73	491	211974
5/5/23 0:30	0	73	491	211974
5/5/23 1:00	0	73	491	211974
5/5/23 1:30	0	73	491	211974
5/5/23 2:00	0	72	491	211974
5/5/23 2:30	0	72	491	211974
5/5/23 3:00	0	72	491	211974
5/5/23 3:30	0	72	491	211974
5/5/23 4:00	0	72	491	211974
5/5/23 4:30	0	72	491	211974
5/5/23 5:00	0	72	491	211974
5/5/23 5:30	0	72	491	211974
5/5/23 6:00	0	72	491	211974
5/5/23 6:30	0	72	491	211974
5/5/23 7:00	0	72	491	211974
5/5/23 7:30	0	72	491	211974
5/5/23 8:00	0	72	491	211974
5/5/23 8:30	0	72	491	211974
5/5/23 9:00	0	72	491	211974
5/5/23 9:30	0	72	492	211974
5/5/23 10:00	0	72	492	211974
5/5/23 10:30	0	72	492	211974
5/5/23 11:00	0	72	491	211974
5/5/23 11:30	0	72	491	211974
5/5/23 12:00	0	72	491	211974
5/5/23 12:30	0	72	491	211974
5/5/23 13:00	0	72	491	211974
5/5/23 13:30	0	73	491	211974
5/5/23 14:00	0	73	491	211974
5/5/23 14:30	0	72	491	211974
5/5/23 15:00	0	73	491	211974
5/5/23 15:30	0	73	491	211974
5/5/23 16:00	0	73	491	211974
5/5/23 16:30	0	73	491	211974
5/5/23 17:00	0	73	491	211974
5/5/23 17:30	0	73	491	211974
5/5/23 18:00	0	73	491	211974
5/5/23 18:30	0	73	491	211974
5/5/23 19:00	0	73	491	211974
5/5/23 19:30	0	73	491	211974
5/5/23 20:00	0	73	491	211974
5/5/23 20:30	0	73	491	211974
5/5/23 21:00	0	73	490	211974
5/5/23 21:30	0	73	491	211974
5/5/23 22:00	0	73	491	211974
5/5/23 22:30	0	73	491	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/5/23 23:00	0	73	491	211974
5/5/23 23:30	0	73	491	211974
5/6/23 0:00	0	73	491	211974
5/6/23 0:30	0	73	491	211974
5/6/23 1:00	0	73	491	211974
5/6/23 1:30	0	73	491	211974
5/6/23 2:00	0	73	491	211974
5/6/23 2:30	0	73	491	211974
5/6/23 3:00	0	73	491	211974
5/6/23 3:30	0	73	491	211974
5/6/23 4:00	0	73	491	211974
5/6/23 4:30	0	73	491	211974
5/6/23 5:00	0	73	491	211974
5/6/23 5:30	0	73	491	211974
5/6/23 6:00	0	73	491	211974
5/6/23 6:30	0	73	491	211974
5/6/23 7:00	0	73	491	211974
5/6/23 7:30	0	73	490	211974
5/6/23 8:00	0	72	491	211974
5/6/23 8:30	0	72	491	211974
5/6/23 9:00	0	72	491	211974
5/6/23 9:30	0	72	491	211974
5/6/23 10:00	0	72	491	211974
5/6/23 10:30	0	72	491	211974
5/6/23 11:00	0	73	491	211974
5/6/23 11:30	0	73	491	211974
5/6/23 12:00	0	73	491	211974
5/6/23 12:30	0	73	491	211974
5/6/23 13:00	0	73	491	211974
5/6/23 13:30	0	73	491	211974
5/6/23 14:00	0	73	491	211974
5/6/23 14:30	0	73	491	211974
5/6/23 15:00	0	73	490	211974
5/6/23 15:30	0	73	490	211974
5/6/23 16:00	0	73	490	211974
5/6/23 16:30	0	73	490	211974
5/6/23 17:00	0	73	490	211974
5/6/23 17:30	0	73	491	211974
5/6/23 18:00	0	73	490	211974
5/6/23 18:30	0	73	490	211974
5/6/23 19:00	0	73	490	211974
5/6/23 19:30	0	73	490	211974
5/6/23 20:00	0	73	491	211974
5/6/23 20:30	0	73	490	211974
5/6/23 21:00	0	73	490	211974
5/6/23 21:30	0	74	490	211974
5/6/23 22:00	0	74	490	211974
5/6/23 22:30	0	73	490	211974
5/6/23 23:00	0	73	490	211974
5/6/23 23:30	0	73	490	211974
5/7/23 0:00	0	73	490	211974
5/7/23 0:30	0	73	490	211974
5/7/23 1:00	0	73	490	211974
5/7/23 1:30	0	73	490	211974
5/7/23 2:00	0	73	490	211974
5/7/23 2:30	0	73	490	211974
5/7/23 3:00	0	73	490	211974
5/7/23 3:30	0	73	490	211974
5/7/23 4:00	0	73	490	211974
5/7/23 4:30	0	73	490	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/7/23 5:00	0	73	490	211974
5/7/23 5:30	0	73	490	211974
5/7/23 6:00	0	73	490	211974
5/7/23 6:30	0	73	490	211974
5/7/23 7:00	0	73	490	211974
5/7/23 7:30	0	73	490	211974
5/7/23 8:00	0	73	490	211974
5/7/23 8:30	0	73	490	211974
5/7/23 9:00	0	73	490	211974
5/7/23 9:30	0	73	490	211974
5/7/23 10:00	0	73	490	211974
5/7/23 10:30	0	73	491	211974
5/7/23 11:00	0	73	491	211974
5/7/23 11:30	0	73	491	211974
5/7/23 12:00	0	73	490	211974
5/7/23 12:30	0	73	490	211974
5/7/23 13:00	0	73	490	211974
5/7/23 13:30	0	73	490	211974
5/7/23 14:00	0	73	490	211974
5/7/23 14:30	0	73	490	211974
5/7/23 15:00	0	74	490	211974
5/7/23 15:30	0	74	490	211974
5/7/23 16:00	0	74	490	211974
5/7/23 16:30	0	74	490	211974
5/7/23 17:00	0	74	490	211974
5/7/23 17:30	0	74	490	211974
5/7/23 18:00	0	74	490	211974
5/7/23 18:30	0	74	490	211974
5/7/23 19:00	0	74	490	211974
5/7/23 19:30	0	74	490	211974
5/7/23 20:00	0	74	490	211974
5/7/23 20:30	0	74	490	211974
5/7/23 21:00	0	74	490	211974
5/7/23 21:30	0	74	490	211974
5/7/23 22:00	0	74	490	211974
5/7/23 22:30	0	74	490	211974
5/7/23 23:00	0	74	490	211974
5/7/23 23:30	0	74	490	211974
5/8/23 0:00	0	74	490	211974
5/8/23 0:30	0	74	490	211974
5/8/23 1:00	0	74	490	211974
5/8/23 1:30	0	74	490	211974
5/8/23 2:00	0	74	490	211974
5/8/23 2:30	0	74	490	211974
5/8/23 3:00	0	74	490	211974
5/8/23 3:30	0	74	490	211974
5/8/23 4:00	0	74	490	211974
5/8/23 4:30	0	74	490	211974
5/8/23 5:00	0	74	490	211974
5/8/23 5:30	0	74	490	211974
5/8/23 6:00	0	73	490	211974
5/8/23 6:30	0	73	490	211974
5/8/23 7:00	0	73	490	211974
5/8/23 7:30	0	73	490	211974
5/8/23 8:00	0	73	490	211974
5/8/23 8:30	0	73	490	211974
5/8/23 9:00	0	73	490	211974
5/8/23 9:30	0	73	490	211974
5/8/23 10:00	0	73	490	211974
5/8/23 10:30	0	73	490	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/8/23 11:00	0	73	490	211974
5/8/23 11:30	0	73	490	211974
5/8/23 12:00	0	74	490	211974
5/8/23 12:30	0	74	490	211974
5/8/23 13:00	0	74	490	211974
5/8/23 13:30	0	74	490	211974
5/8/23 14:00	0	74	490	211974
5/8/23 14:30	0	74	490	211974
5/8/23 15:00	0	74	490	211974
5/8/23 15:30	0	74	490	211974
5/8/23 16:00	0	74	490	211974
5/8/23 16:30	0	74	489	211974
5/8/23 17:00	0	74	490	211974
5/8/23 17:30	0	74	490	211974
5/8/23 18:00	0	74	490	211974
5/8/23 18:30	0	74	490	211974
5/8/23 19:00	0	74	490	211974
5/8/23 19:30	0	74	489	211974
5/8/23 20:00	0	74	489	211974
5/8/23 20:30	0	74	489	211974
5/8/23 21:00	0	74	489	211974
5/8/23 21:30	0	74	489	211974
5/8/23 22:00	0	74	489	211974
5/8/23 22:30	0	74	489	211974
5/8/23 23:00	0	74	489	211974
5/8/23 23:30	0	74	489	211974
5/9/23 0:00	0	74	489	211974
5/9/23 0:30	0	74	489	211974
5/9/23 1:00	0	74	489	211974
5/9/23 1:30	0	74	489	211974
5/9/23 2:00	0	74	489	211974
5/9/23 2:30	0	74	489	211974
5/9/23 3:00	0	74	489	211974
5/9/23 3:30	0	74	489	211974
5/9/23 4:00	0	74	489	211974
5/9/23 4:30	0	74	489	211974
5/9/23 5:00	0	74	489	211974
5/9/23 5:30	0	74	489	211974
5/9/23 6:00	0	74	489	211974
5/9/23 6:30	0	74	489	211974
5/9/23 7:00	0	74	489	211974
5/9/23 7:30	0	74	489	211974
5/9/23 8:00	0	74	489	211974
5/9/23 8:30	0	74	489	211974
5/9/23 9:00	0	74	490	211974
5/9/23 9:30	0	74	490	211974
5/9/23 10:00	0	74	490	211974
5/9/23 10:30	0	74	490	211974
5/9/23 11:00	0	74	490	211974
5/9/23 11:30	0	74	490	211974
5/9/23 12:00	0	74	490	211974
5/9/23 12:30	0	74	490	211974
5/9/23 13:00	0	74	489	211974
5/9/23 13:30	0	74	489	211974
5/9/23 14:00	0	74	489	211974
5/9/23 14:30	0	74	489	211974
5/9/23 15:00	0	74	489	211974
5/9/23 15:30	0	75	489	211974
5/9/23 16:00	0	74	489	211974
5/9/23 16:30	0	75	489	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/9/23 17:00	0	75	489	211974
5/9/23 17:30	0	75	489	211974
5/9/23 18:00	0	75	489	211974
5/9/23 18:30	0	75	489	211974
5/9/23 19:00	0	75	489	211974
5/9/23 19:30	0	75	489	211974
5/9/23 20:00	0	75	489	211974
5/9/23 20:30	0	75	489	211974
5/9/23 21:00	0	75	489	211974
5/9/23 21:30	0	75	489	211974
5/9/23 22:00	0	75	489	211974
5/9/23 22:30	0	75	489	211974
5/9/23 23:00	0	75	489	211974
5/9/23 23:30	0	75	489	211974
5/10/23 0:00	0	75	489	211974
5/10/23 0:30	0	75	489	211974
5/10/23 1:00	0	75	489	211974
5/10/23 1:30	0	75	489	211974
5/10/23 2:00	0	75	489	211974
5/10/23 2:30	0	75	489	211974
5/10/23 3:00	0	74	489	211974
5/10/23 3:30	0	74	489	211974
5/10/23 4:00	0	74	489	211974
5/10/23 4:30	0	74	489	211974
5/10/23 5:00	0	74	489	211974
5/10/23 5:30	0	74	489	211974
5/10/23 6:00	0	74	489	211974
5/10/23 6:30	0	74	489	211974
5/10/23 7:00	0	74	489	211974
5/10/23 7:30	0	74	489	211974
5/10/23 8:00	0	74	489	211974
5/10/23 8:30	0	74	489	211974
5/10/23 9:00	0	74	489	211974
5/10/23 9:30	0	74	489	211974
5/10/23 10:00	0	74	489	211974
5/10/23 10:30	0	74	489	211974
5/10/23 11:00	0	74	489	211974
5/10/23 11:30	0	74	489	211974
5/10/23 12:00	0	74	489	211974
5/10/23 12:30	0	74	489	211974
5/10/23 13:00	0	75	489	211974
5/10/23 13:30	0	75	489	211974
5/10/23 14:00	0	75	489	211974
5/10/23 14:30	0	75	489	211974
5/10/23 15:00	0	75	488	211974
5/10/23 15:30	0	75	488	211974
5/10/23 16:00	0	75	489	211974
5/10/23 16:30	0	75	489	211974
5/10/23 17:00	0	75	489	211974
5/10/23 17:30	0	75	488	211974
5/10/23 18:00	0	75	488	211974
5/10/23 18:30	0	75	488	211974
5/10/23 19:00	0	75	489	211974
5/10/23 19:30	0	75	489	211974
5/10/23 20:00	0	75	489	211974
5/10/23 20:30	0	75	489	211974
5/10/23 21:00	0	75	489	211974
5/10/23 21:30	0	75	489	211974
5/10/23 22:00	0	75	489	211974
5/10/23 22:30	0	75	489	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/10/23 23:00	0	75	489	211974
5/10/23 23:30	0	75	489	211974
5/11/23 0:00	0	75	489	211974
5/11/23 0:30	0	75	489	211974
5/11/23 1:00	0	75	489	211974
5/11/23 1:30	0	75	489	211974
5/11/23 2:00	0	74	489	211974
5/11/23 2:30	0	74	489	211974
5/11/23 3:00	0	74	489	211974
5/11/23 3:30	0	74	489	211974
5/11/23 4:00	0	74	489	211974
5/11/23 4:30	0	74	489	211974
5/11/23 5:00	0	74	489	211974
5/11/23 5:30	0	74	489	211974
5/11/23 6:00	0	74	489	211974
5/11/23 6:30	0	74	489	211974
5/11/23 7:00	0	74	489	211974
5/11/23 7:30	0	74	489	211974
5/11/23 8:00	0	74	489	211974
5/11/23 8:30	0	74	488	211974
5/11/23 9:00	0	74	489	211974
5/11/23 9:30	0	74	489	211974
5/11/23 10:00	0	74	489	211974
5/11/23 10:30	0	74	489	211974
5/11/23 11:00	0	74	489	211974
5/11/23 11:30	0	74	489	211974
5/11/23 12:00	0	74	489	211974
5/11/23 12:30	0	74	489	211974
5/11/23 13:00	0	75	489	211974
5/11/23 13:30	0	75	488	211974
5/11/23 14:00	0	75	488	211974
5/11/23 14:30	0	75	488	211974
5/11/23 15:00	0	75	489	211974
5/11/23 15:30	0	75	489	211974
5/11/23 16:00	0	75	489	211974
5/11/23 16:30	0	75	488	211974
5/11/23 17:00	0	75	488	211974
5/11/23 17:30	0	75	488	211974
5/11/23 18:00	0	75	488	211974
5/11/23 18:30	0	75	489	211974
5/11/23 19:00	0	75	488	211974
5/11/23 19:30	0	75	488	211974
5/11/23 20:00	0	75	488	211974
5/11/23 20:30	0	75	488	211974
5/11/23 21:00	0	75	488	211974
5/11/23 21:30	0	75	488	211974
5/11/23 22:00	0	75	488	211974
5/11/23 22:30	0	75	488	211974
5/11/23 23:00	0	75	488	211974
5/11/23 23:30	0	75	488	211974
5/12/23 0:00	0	75	488	211974
5/12/23 0:30	0	75	488	211974
5/12/23 1:00	0	75	488	211974
5/12/23 1:30	0	75	488	211974
5/12/23 2:00	0	75	488	211974
5/12/23 2:30	0	75	488	211974
5/12/23 3:00	0	75	488	211974
5/12/23 3:30	0	75	488	211974
5/12/23 4:00	0	75	488	211974
5/12/23 4:30	0	75	488	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/12/23 5:00	0	75	488	211974
5/12/23 5:30	0	75	488	211974
5/12/23 6:00	0	75	488	211974
5/12/23 6:30	0	75	488	211974
5/12/23 7:00	0	75	488	211974
5/12/23 7:30	0	75	488	211974
5/12/23 8:00	0	75	488	211974
5/12/23 8:30	0	75	488	211974
5/12/23 9:00	0	75	488	211974
5/12/23 9:30	0	75	489	211974
5/12/23 10:00	0	75	489	211974
5/12/23 10:30	0	75	489	211974
5/12/23 11:00	0	75	488	211974
5/12/23 11:30	0	75	488	211974
5/12/23 12:00	0	75	488	211974
5/12/23 12:30	0	75	488	211974
5/12/23 13:00	0	75	488	211974
5/12/23 13:30	0	75	488	211974
5/12/23 14:00	0	75	488	211974
5/12/23 14:30	0	75	488	211974
5/12/23 15:00	0	75	488	211974
5/12/23 15:30	0	75	488	211974
5/12/23 16:00	0	75	488	211974
5/12/23 16:30	0	76	488	211974
5/12/23 17:00	0	76	488	211974
5/12/23 17:30	0	76	488	211974
5/12/23 18:00	0	76	488	211974
5/12/23 18:30	0	76	488	211974
5/12/23 19:00	0	76	488	211974
5/12/23 19:30	0	76	488	211974
5/12/23 20:00	0	76	488	211974
5/12/23 20:30	0	76	487	211974
5/12/23 21:00	0	76	488	211974
5/12/23 21:30	0	76	488	211974
5/12/23 22:00	0	76	487	211974
5/12/23 22:30	0	76	487	211974
5/12/23 23:00	0	76	488	211974
5/12/23 23:30	0	76	488	211974
5/13/23 0:00	0	76	488	211974
5/13/23 0:30	0	76	488	211974
5/13/23 1:00	0	76	488	211974
5/13/23 1:30	0	76	488	211974
5/13/23 2:00	0	76	488	211974
5/13/23 2:30	0	76	488	211974
5/13/23 3:00	0	76	488	211974
5/13/23 3:30	0	76	488	211974
5/13/23 4:00	0	76	488	211974
5/13/23 4:30	0	76	488	211974
5/13/23 5:00	0	75	488	211974
5/13/23 5:30	0	75	488	211974
5/13/23 6:00	0	75	488	211974
5/13/23 6:30	0	75	488	211974
5/13/23 7:00	0	75	488	211974
5/13/23 7:30	0	75	488	211974
5/13/23 8:00	0	75	488	211974
5/13/23 8:30	0	75	488	211974
5/13/23 9:00	0	75	488	211974
5/13/23 9:30	0	75	488	211974
5/13/23 10:00	0	75	488	211974
5/13/23 10:30	0	75	488	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/13/23 11:00	0	75	488	211974
5/13/23 11:30	0	75	488	211974
5/13/23 12:00	0	75	488	211974
5/13/23 12:30	0	76	488	211974
5/13/23 13:00	0	76	488	211974
5/13/23 13:30	0	76	488	211974
5/13/23 14:00	0	76	488	211974
5/13/23 14:30	0	76	488	211974
5/13/23 15:00	0	76	488	211974
5/13/23 15:30	0	76	488	211974
5/13/23 16:00	0	76	488	211974
5/13/23 16:30	0	76	487	211974
5/13/23 17:00	0	76	488	211974
5/13/23 17:30	0	76	487	211974
5/13/23 18:00	0	76	487	211974
5/13/23 18:30	0	76	487	211974
5/13/23 19:00	0	76	487	211974
5/13/23 19:30	0	76	487	211974
5/13/23 20:00	0	76	487	211974
5/13/23 20:30	0	76	487	211974
5/13/23 21:00	0	76	487	211974
5/13/23 21:30	0	76	487	211974
5/13/23 22:00	0	76	487	211974
5/13/23 22:30	0	76	487	211974
5/13/23 23:00	0	76	487	211974
5/13/23 23:30	0	76	487	211974
5/14/23 0:00	0	76	487	211974
5/14/23 0:30	0	76	487	211974
5/14/23 1:00	0	76	487	211974
5/14/23 1:30	0	76	487	211974
5/14/23 2:00	0	76	487	211974
5/14/23 2:30	0	76	487	211974
5/14/23 3:00	0	76	487	211974
5/14/23 3:30	0	76	487	211974
5/14/23 4:00	0	76	487	211974
5/14/23 4:30	0	76	487	211974
5/14/23 5:00	0	76	487	211974
5/14/23 5:30	0	76	487	211974
5/14/23 6:00	0	76	487	211974
5/14/23 6:30	0	76	487	211974
5/14/23 7:00	0	76	487	211974
5/14/23 7:30	0	76	487	211974
5/14/23 8:00	0	76	487	211974
5/14/23 8:30	0	76	487	211974
5/14/23 9:00	0	76	487	211974
5/14/23 9:30	0	76	487	211974
5/14/23 10:00	0	76	487	211974
5/14/23 10:30	0	76	488	211974
5/14/23 11:00	0	76	487	211974
5/14/23 11:30	0	76	487	211974
5/14/23 12:00	0	76	487	211974
5/14/23 12:30	0	76	487	211974
5/14/23 13:00	0	76	487	211974
5/14/23 13:30	0	76	487	211974
5/14/23 14:00	0	76	487	211974
5/14/23 14:30	0	76	487	211974
5/14/23 15:00	0	76	487	211974
5/14/23 15:30	0	76	487	211974
5/14/23 16:00	0	76	487	211974
5/14/23 16:30	0	76	487	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/14/23 17:00	0	76	487	211974
5/14/23 17:30	0	76	487	211974
5/14/23 18:00	0	76	487	211974
5/14/23 18:30	0	76	487	211974
5/14/23 19:00	0	76	487	211974
5/14/23 19:30	0	76	487	211974
5/14/23 20:00	0	76	487	211974
5/14/23 20:30	0	76	487	211974
5/14/23 21:00	0	76	487	211974
5/14/23 21:30	0	76	487	211974
5/14/23 22:00	0	76	487	211974
5/14/23 22:30	0	76	487	211974
5/14/23 23:00	0	76	487	211974
5/14/23 23:30	0	76	487	211974
5/15/23 0:00	0	76	487	211974
5/15/23 0:30	0	76	487	211974
5/15/23 1:00	0	76	487	211974
5/15/23 1:30	0	76	487	211974
5/15/23 2:00	0	76	487	211974
5/15/23 2:30	0	76	487	211974
5/15/23 3:00	0	76	487	211974
5/15/23 3:30	0	76	487	211974
5/15/23 4:00	0	76	487	211974
5/15/23 4:30	0	76	487	211974
5/15/23 5:00	0	76	487	211974
5/15/23 5:30	0	76	487	211974
5/15/23 6:00	0	76	487	211974
5/15/23 6:30	0	76	487	211974
5/15/23 7:00	0	76	487	211974
5/15/23 7:30	0	76	487	211974
5/15/23 8:00	0	76	487	211974
5/15/23 8:30	0	76	487	211974
5/15/23 9:00	0	76	487	211974
5/15/23 9:30	0	76	487	211974
5/15/23 10:00	0	76	487	211974
5/15/23 10:30	0	76	487	211974
5/15/23 11:00	0	76	487	211974
5/15/23 11:30	0	76	487	211974
5/15/23 12:00	0	76	487	211974
5/15/23 12:30	0	76	487	211974
5/15/23 13:00	0	76	487	211974
5/15/23 13:30	0	76	486	211974
5/15/23 14:00	0	76	486	211974
5/15/23 14:30	0	76	487	211974
5/15/23 15:00	0	76	487	211974
5/15/23 15:30	0	77	487	211974
5/15/23 16:00	0	77	487	211974
5/15/23 16:30	0	77	487	211974
5/15/23 17:00	0	77	487	211974
5/15/23 17:30	0	77	487	211974
5/15/23 18:00	0	77	487	211974
5/15/23 18:30	0	77	486	211974
5/15/23 19:00	0	77	486	211974
5/15/23 19:30	0	77	486	211974
5/15/23 20:00	0	77	487	211974
5/15/23 20:30	0	77	487	211974
5/15/23 21:00	0	77	487	211974
5/15/23 21:30	0	77	487	211974
5/15/23 22:00	0	77	486	211974
5/15/23 22:30	0	77	486	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/15/23 23:00	0	77	486	211974
5/15/23 23:30	0	77	486	211974
5/16/23 0:00	0	77	486	211974
5/16/23 0:30	0	77	486	211974
5/16/23 1:00	0	77	487	211974
5/16/23 1:30	0	77	487	211974
5/16/23 2:00	0	77	487	211974
5/16/23 2:30	0	77	487	211974
5/16/23 3:00	0	77	487	211974
5/16/23 3:30	0	77	487	211974
5/16/23 4:00	0	77	487	211974
5/16/23 4:30	0	77	487	211974
5/16/23 5:00	0	76	487	211974
5/16/23 5:30	0	76	487	211974
5/16/23 6:00	0	76	486	211974
5/16/23 6:30	0	76	486	211974
5/16/23 7:00	0	76	487	211974
5/16/23 7:30	0	76	486	211974
5/16/23 8:00	0	76	486	211974
5/16/23 8:30	0	76	487	211974
5/16/23 9:00	0	76	487	211974
5/16/23 9:30	0	76	487	211974
5/16/23 10:00	0	76	487	211974
5/16/23 10:30	0	76	487	211974
5/16/23 11:00	0	76	487	211974
5/16/23 11:30	0	76	487	211974
5/16/23 12:00	0	76	487	211974
5/16/23 12:30	0	77	487	211974
5/16/23 13:00	0	77	487	211974
5/16/23 13:30	0	77	486	211974
5/16/23 14:00	0	77	486	211974
5/16/23 14:30	0	77	486	211974
5/16/23 15:00	0	77	486	211974
5/16/23 15:30	0	77	486	211974
5/16/23 16:00	0	77	486	211974
5/16/23 16:30	0	77	486	211974
5/16/23 17:00	0	77	487	211974
5/16/23 17:30	0	77	487	211974
5/16/23 18:00	0	77	486	211974
5/16/23 18:30	0	77	486	211974
5/16/23 19:00	0	77	486	211974
5/16/23 19:30	0	77	486	211974
5/16/23 20:00	0	77	486	211974
5/16/23 20:30	0	77	486	211974
5/16/23 21:00	0	77	486	211974
5/16/23 21:30	0	77	486	211974
5/16/23 22:00	0	77	486	211974
5/16/23 22:30	0	77	486	211974
5/16/23 23:00	0	77	486	211974
5/16/23 23:30	0	77	486	211974
5/17/23 0:00	0	77	486	211974
5/17/23 0:30	0	77	486	211974
5/17/23 1:00	0	77	486	211974
5/17/23 1:30	0	77	486	211974
5/17/23 2:00	0	77	486	211974
5/17/23 2:30	0	77	486	211974
5/17/23 3:00	0	77	486	211974
5/17/23 3:30	0	77	486	211974
5/17/23 4:00	0	77	486	211974
5/17/23 4:30	0	77	486	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/17/23 5:00	0	77	486	211974
5/17/23 5:30	0	77	486	211974
5/17/23 6:00	0	77	486	211974
5/17/23 6:30	0	77	486	211974
5/17/23 7:00	0	77	486	211974
5/17/23 7:30	0	77	486	211974
5/17/23 8:00	0	77	486	211974
5/17/23 8:30	0	77	486	211974
5/17/23 9:00	0	77	486	211974
5/17/23 9:30	0	77	487	211974
5/17/23 10:00	0	77	487	211974
5/17/23 10:30	0	77	486	211974
5/17/23 11:00	0	77	486	211974
5/17/23 11:30	0	77	486	211974
5/17/23 12:00	0	77	486	211974
5/17/23 12:30	0	77	486	211974
5/17/23 13:00	0	77	486	211974
5/17/23 13:30	0	77	486	211974
5/17/23 14:00	0	77	486	211974
5/17/23 14:30	0	77	486	211974
5/17/23 15:00	0	77	486	211974
5/17/23 15:30	0	77	486	211974
5/17/23 16:00	0	78	486	211974
5/17/23 16:30	0	78	486	211974
5/17/23 17:00	0	78	486	211974
5/17/23 17:30	0	78	486	211974
5/17/23 18:00	0	78	486	211974
5/17/23 18:30	0	78	486	211974
5/17/23 19:00	0	78	486	211974
5/17/23 19:30	0	78	486	211974
5/17/23 20:00	0	78	486	211974
5/17/23 20:30	0	78	486	211974
5/17/23 21:00	0	78	486	211974
5/17/23 21:30	0	78	486	211974
5/17/23 22:00	0	78	486	211974
5/17/23 22:30	0	78	486	211974
5/17/23 23:00	0	78	486	211974
5/17/23 23:30	0	78	486	211974
5/18/23 0:00	0	78	486	211974
5/18/23 0:30	0	78	486	211974
5/18/23 1:00	0	77	486	211974
5/18/23 1:30	0	77	486	211974
5/18/23 2:00	0	77	486	211974
5/18/23 2:30	0	77	486	211974
5/18/23 3:00	0	77	486	211974
5/18/23 3:30	0	77	486	211974
5/18/23 4:00	0	77	486	211974
5/18/23 4:30	0	77	486	211974
5/18/23 5:00	0	77	486	211974
5/18/23 5:30	0	77	486	211974
5/18/23 6:00	0	77	486	211974
5/18/23 6:30	0	77	486	211974
5/18/23 7:00	0	77	486	211974
5/18/23 7:30	0	77	486	211974
5/18/23 8:00	0	77	486	211974
5/18/23 8:30	0	77	486	211974
5/18/23 9:00	0	77	486	211974
5/18/23 9:30	0	77	486	211974
5/18/23 10:00	0	77	486	211974
5/18/23 10:30	0	77	486	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/18/23 11:00	0	77	486	211974
5/18/23 11:30	0	77	486	211974
5/18/23 12:00	0	77	486	211974
5/18/23 12:30	0	77	486	211974
5/18/23 13:00	0	78	486	211974
5/18/23 13:30	0	78	486	211974
5/18/23 14:00	0	78	486	211974
5/18/23 14:30	0	78	486	211974
5/18/23 15:00	0	78	485	211974
5/18/23 15:30	0	78	485	211974
5/18/23 16:00	0	78	486	211974
5/18/23 16:30	0	78	486	211974
5/18/23 17:00	0	78	486	211974
5/18/23 17:30	0	78	485	211974
5/18/23 18:00	0	78	485	211974
5/18/23 18:30	0	78	486	211974
5/18/23 19:00	0	78	485	211974
5/18/23 19:30	0	78	486	211974
5/18/23 20:00	0	78	486	211974
5/18/23 20:30	0	78	485	211974
5/18/23 21:00	0	78	486	211974
5/18/23 21:30	0	78	486	211974
5/18/23 22:00	0	78	485	211974
5/18/23 22:30	0	78	485	211974
5/18/23 23:00	0	78	485	211974
5/18/23 23:30	0	78	485	211974
5/19/23 0:00	0	78	485	211974
5/19/23 0:30	0	78	485	211974
5/19/23 1:00	0	78	485	211974
5/19/23 1:30	0	78	485	211974
5/19/23 2:00	0	78	485	211974
5/19/23 2:30	0	78	485	211974
5/19/23 3:00	0	78	485	211974
5/19/23 3:30	0	78	485	211974
5/19/23 4:00	0	78	485	211974
5/19/23 4:30	0	78	485	211974
5/19/23 5:00	0	78	485	211974
5/19/23 5:30	0	78	485	211974
5/19/23 6:00	0	78	485	211974
5/19/23 6:30	0	78	485	211974
5/19/23 7:00	0	78	485	211974
5/19/23 7:30	0	77	485	211974
5/19/23 8:00	0	77	485	211974
5/19/23 8:30	0	77	485	211974
5/19/23 9:00	0	77	486	211974
5/19/23 9:30	0	77	486	211974
5/19/23 10:00	0	77	486	211974
5/19/23 10:30	0	77	486	211974
5/19/23 11:00	0	77	486	211974
5/19/23 11:30	0	78	486	211974
5/19/23 12:00	0	78	485	211974
5/19/23 12:30	0	78	485	211974
5/19/23 13:00	0	78	485	211974
5/19/23 13:30	0	78	485	211974
5/19/23 14:00	0	78	485	211974
5/19/23 14:30	0	78	485	211974
5/19/23 15:00	0	78	485	211974
5/19/23 15:30	0	78	485	211974
5/19/23 16:00	0	78	485	211974
5/19/23 16:30	0	78	485	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/19/23 17:00	0	78	485	211974
5/19/23 17:30	0	78	485	211974
5/19/23 18:00	0	78	485	211974
5/19/23 18:30	0	78	485	211974
5/19/23 19:00	0	78	485	211974
5/19/23 19:30	0	78	485	211974
5/19/23 20:00	0	78	485	211974
5/19/23 20:30	0	78	485	211974
5/19/23 21:00	0	78	485	211974
5/19/23 21:30	0	78	485	211974
5/19/23 22:00	0	78	485	211974
5/19/23 22:30	0	78	485	211974
5/19/23 23:00	0	78	485	211974
5/19/23 23:30	0	78	485	211974
5/20/23 0:00	0	78	485	211974
5/20/23 0:30	0	78	485	211974
5/20/23 1:00	0	78	485	211974
5/20/23 1:30	0	78	485	211974
5/20/23 2:00	0	78	485	211974
5/20/23 2:30	0	78	485	211974
5/20/23 3:00	0	78	485	211974
5/20/23 3:30	0	78	485	211974
5/20/23 4:00	0	78	485	211974
5/20/23 4:30	0	78	485	211974
5/20/23 5:00	0	78	485	211974
5/20/23 5:30	0	78	485	211974
5/20/23 6:00	0	78	485	211974
5/20/23 6:30	0	78	485	211974
5/20/23 7:00	0	78	485	211974
5/20/23 7:30	0	78	485	211974
5/20/23 8:00	0	78	485	211974
5/20/23 8:30	0	78	485	211974
5/20/23 9:00	0	78	485	211974
5/20/23 9:30	0	78	485	211974
5/20/23 10:00	0	78	485	211974
5/20/23 10:30	0	78	485	211974
5/20/23 11:00	0	78	485	211974
5/20/23 11:30	0	78	485	211974
5/20/23 12:00	0	78	485	211974
5/20/23 12:30	0	78	485	211974
5/20/23 13:00	0	78	485	211974
5/20/23 13:30	0	78	485	211974
5/20/23 14:00	0	78	485	211974
5/20/23 14:30	0	78	485	211974
5/20/23 15:00	0	78	485	211974
5/20/23 15:30	0	78	485	211974
5/20/23 16:00	0	78	485	211974
5/20/23 16:30	0	78	484	211974
5/20/23 17:00	0	78	484	211974
5/20/23 17:30	0	78	484	211974
5/20/23 18:00	0	78	485	211974
5/20/23 18:30	0	78	486	211974
5/20/23 19:00	0	78	485	211974
5/20/23 19:30	0	78	485	211974
5/20/23 20:00	0	78	485	211974
5/20/23 20:30	0	78	485	211974
5/20/23 21:00	0	78	484	211974
5/20/23 21:30	0	78	484	211974
5/20/23 22:00	0	78	484	211974
5/20/23 22:30	0	78	485	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/20/23 23:00	0	78	485	211974
5/20/23 23:30	0	78	485	211974
5/21/23 0:00	0	78	485	211974
5/21/23 0:30	0	78	485	211974
5/21/23 1:00	0	78	485	211974
5/21/23 1:30	0	78	485	211974
5/21/23 2:00	0	78	485	211974
5/21/23 2:30	0	78	485	211974
5/21/23 3:00	0	78	485	211974
5/21/23 3:30	0	78	485	211974
5/21/23 4:00	0	78	485	211974
5/21/23 4:30	0	78	485	211974
5/21/23 5:00	0	78	485	211974
5/21/23 5:30	0	78	485	211974
5/21/23 6:00	0	78	485	211974
5/21/23 6:30	0	78	485	211974
5/21/23 7:00	0	78	485	211974
5/21/23 7:30	0	78	485	211974
5/21/23 8:00	0	78	485	211974
5/21/23 8:30	0	78	485	211974
5/21/23 9:00	0	78	485	211974
5/21/23 9:30	0	78	485	211974
5/21/23 10:00	0	78	485	211974
5/21/23 10:30	0	78	485	211974
5/21/23 11:00	0	78	485	211974
5/21/23 11:30	0	78	485	211974
5/21/23 12:00	0	78	485	211974
5/21/23 12:30	0	78	484	211974
5/21/23 13:00	0	78	485	211974
5/21/23 13:30	0	78	485	211974
5/21/23 14:00	0	78	485	211974
5/21/23 14:30	0	78	485	211974
5/21/23 15:00	0	78	485	211974
5/21/23 15:30	0	78	484	211974
5/21/23 16:00	0	78	484	211974
5/21/23 16:30	0	78	485	211974
5/21/23 17:00	0	78	484	211974
5/21/23 17:30	0	78	484	211974
5/21/23 18:00	0	79	485	211974
5/21/23 18:30	0	79	484	211974
5/21/23 19:00	0	79	484	211974
5/21/23 19:30	0	79	484	211974
5/21/23 20:00	0	79	484	211974
5/21/23 20:30	0	79	484	211974
5/21/23 21:00	0	78	485	211974
5/21/23 21:30	0	78	485	211974
5/21/23 22:00	0	78	485	211974
5/21/23 22:30	0	78	484	211974
5/21/23 23:00	0	78	484	211974
5/21/23 23:30	0	78	484	211974
5/22/23 0:00	0	78	484	211974
5/22/23 0:30	0	78	484	211974
5/22/23 1:00	0	78	484	211974
5/22/23 1:30	0	78	484	211974
5/22/23 2:00	0	78	484	211974
5/22/23 2:30	0	78	484	211974
5/22/23 3:00	0	78	484	211974
5/22/23 3:30	0	78	484	211974
5/22/23 4:00	0	78	484	211974
5/22/23 4:30	0	78	484	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/22/23 5:00	0	78	484	211974
5/22/23 5:30	0	78	484	211974
5/22/23 6:00	0	78	484	211974
5/22/23 6:30	0	78	484	211974
5/22/23 7:00	0	78	484	211974
5/22/23 7:30	0	78	484	211974
5/22/23 8:00	0	78	484	211974
5/22/23 8:30	0	78	484	211974
5/22/23 9:00	0	78	485	211974
5/22/23 9:30	0	78	485	211974
5/22/23 10:00	0	78	485	211974
5/22/23 10:30	0	78	485	211974
5/22/23 11:00	0	78	485	211974
5/22/23 11:30	0	78	485	211974
5/22/23 12:00	0	78	485	211974
5/22/23 12:30	0	78	485	211974
5/22/23 13:00	0	78	484	211974
5/22/23 13:30	0	78	484	211974
5/22/23 14:00	0	78	484	211974
5/22/23 14:30	0	79	484	211974
5/22/23 15:00	0	79	484	211974
5/22/23 15:30	0	79	484	211974
5/22/23 16:00	0	79	484	211974
5/22/23 16:30	0	79	484	211974
5/22/23 17:00	0	79	484	211974
5/22/23 17:30	0	79	484	211974
5/22/23 18:00	0	79	484	211974
5/22/23 18:30	0	79	484	211974
5/22/23 19:00	0	79	484	211974
5/22/23 19:30	0	79	484	211974
5/22/23 20:00	0	79	484	211974
5/22/23 20:30	0	79	484	211974
5/22/23 21:00	0	79	484	211974
5/22/23 21:30	0	79	484	211974
5/22/23 22:00	0	79	484	211974
5/22/23 22:30	0	79	484	211974
5/22/23 23:00	0	79	484	211974
5/22/23 23:30	0	79	484	211974
5/23/23 0:00	0	79	484	211974
5/23/23 0:30	0	79	484	211974
5/23/23 1:00	0	79	484	211974
5/23/23 1:30	0	79	484	211974
5/23/23 2:00	0	79	484	211974
5/23/23 2:30	0	79	484	211974
5/23/23 3:00	0	79	484	211974
5/23/23 3:30	0	79	484	211974
5/23/23 4:00	0	79	484	211974
5/23/23 4:30	0	79	484	211974
5/23/23 5:00	0	78	484	211974
5/23/23 5:30	0	78	484	211974
5/23/23 6:00	0	78	484	211974
5/23/23 6:30	0	78	484	211974
5/23/23 7:00	0	78	484	211974
5/23/23 7:30	0	78	484	211974
5/23/23 8:00	0	78	484	211974
5/23/23 8:30	0	78	484	211974
5/23/23 9:00	0	78	484	211974
5/23/23 9:30	0	78	484	211974
5/23/23 10:00	0	78	484	211974
5/23/23 10:30	0	78	484	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/23/23 11:00	0	78	484	211974
5/23/23 11:30	0	79	484	211974
5/23/23 12:00	0	79	484	211974
5/23/23 12:30	0	79	484	211974
5/23/23 13:00	0	79	484	211974
5/23/23 13:30	0	79	484	211974
5/23/23 14:00	0	79	484	211974
5/23/23 14:30	0	79	484	211974
5/23/23 15:00	0	79	484	211974
5/23/23 15:30	0	79	484	211974
5/23/23 16:00	0	79	484	211974
5/23/23 16:30	0	79	484	211974
5/23/23 17:00	0	79	484	211974
5/23/23 17:30	0	79	484	211974
5/23/23 18:00	0	79	484	211974
5/23/23 18:30	0	79	484	211974
5/23/23 19:00	0	79	484	211974
5/23/23 19:30	0	79	483	211974
5/23/23 20:00	0	79	483	211974
5/23/23 20:30	0	79	484	211974
5/23/23 21:00	0	79	484	211974
5/23/23 21:30	0	79	484	211974
5/23/23 22:00	0	79	484	211974
5/23/23 22:30	0	79	484	211974
5/23/23 23:00	0	79	484	211974
5/23/23 23:30	0	79	484	211974
5/24/23 0:00	0	79	484	211974
5/24/23 0:30	0	79	484	211974
5/24/23 1:00	0	79	484	211974
5/24/23 1:30	0	79	484	211974
5/24/23 2:00	0	79	484	211974
5/24/23 2:30	0	79	484	211974
5/24/23 3:00	0	79	484	211974
5/24/23 3:30	0	79	484	211974
5/24/23 4:00	0	79	484	211974
5/24/23 4:30	0	79	484	211974
5/24/23 5:00	0	79	484	211974
5/24/23 5:30	0	79	484	211974
5/24/23 6:00	0	79	484	211974
5/24/23 6:30	0	79	484	211974
5/24/23 7:00	0	79	484	211974
5/24/23 7:30	0	79	484	211974
5/24/23 8:00	0	79	484	211974
5/24/23 8:30	0	79	484	211974
5/24/23 9:00	0	79	484	211974
5/24/23 9:30	0	79	484	211974
5/24/23 10:00	0	79	484	211974
5/24/23 10:30	0	79	484	211974
5/24/23 11:00	0	79	484	211974
5/24/23 11:30	0	79	484	211974
5/24/23 12:00	0	79	484	211974
5/24/23 12:30	0	79	484	211974
5/24/23 13:00	0	79	484	211974
5/24/23 13:30	0	79	484	211974
5/24/23 14:00	0	79	484	211974
5/24/23 14:30	0	79	484	211974
5/24/23 15:00	0	79	483	211974
5/24/23 15:30	0	79	484	211974
5/24/23 16:00	0	80	484	211974
5/24/23 16:30	0	80	484	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/24/23 17:00	0	80	484	211974
5/24/23 17:30	0	80	483	211974
5/24/23 18:00	0	80	483	211974
5/24/23 18:30	0	80	484	211974
5/24/23 19:00	0	80	484	211974
5/24/23 19:30	0	80	484	211974
5/24/23 20:00	0	80	483	211974
5/24/23 20:30	0	80	483	211974
5/24/23 21:00	0	80	483	211974
5/24/23 21:30	0	80	483	211974
5/24/23 22:00	0	80	483	211974
5/24/23 22:30	0	80	483	211974
5/24/23 23:00	0	80	483	211974
5/24/23 23:30	0	80	483	211974
5/25/23 0:00	0	80	483	211974
5/25/23 0:30	0	80	483	211974
5/25/23 1:00	0	80	483	211974
5/25/23 1:30	0	80	483	211974
5/25/23 2:00	0	80	483	211974
5/25/23 2:30	0	80	483	211974
5/25/23 3:00	0	80	483	211974
5/25/23 3:30	0	80	483	211974
5/25/23 4:00	0	79	483	211974
5/25/23 4:30	0	79	484	211974
5/25/23 5:00	0	79	483	211974
5/25/23 5:30	0	79	483	211974
5/25/23 6:00	0	79	483	211974
5/25/23 6:30	0	79	483	211974
5/25/23 7:00	0	79	483	211974
5/25/23 7:30	0	79	483	211974
5/25/23 8:00	0	79	483	211974
5/25/23 8:30	0	79	483	211974
5/25/23 9:00	0	79	484	211974
5/25/23 9:30	0	79	484	211974
5/25/23 10:00	0	79	484	211974
5/25/23 10:30	0	79	484	211974
5/25/23 11:00	0	79	484	211974
5/25/23 11:30	0	79	484	211974
5/25/23 12:00	0	79	484	211974
5/25/23 12:30	0	79	483	211974
5/25/23 13:00	0	80	483	211974
5/25/23 13:30	0	80	483	211974
5/25/23 14:00	0	80	483	211974
5/25/23 14:30	0	80	483	211974
5/25/23 15:00	0	80	483	211974
5/25/23 15:30	0	80	483	211974
5/25/23 16:00	0	80	483	211974
5/25/23 16:30	0	80	483	211974
5/25/23 17:00	0	80	483	211974
5/25/23 17:30	0	80	483	211974
5/25/23 18:00	0	80	483	211974
5/25/23 18:30	0	80	483	211974
5/25/23 19:00	0	80	483	211974
5/25/23 19:30	0	80	483	211974
5/25/23 20:00	0	80	483	211974
5/25/23 20:30	0	80	483	211974
5/25/23 21:00	0	80	483	211974
5/25/23 21:30	0	80	483	211974
5/25/23 22:00	0	80	483	211974
5/25/23 22:30	0	80	483	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/25/23 23:00	0	80	483	211974
5/25/23 23:30	0	80	483	211974
5/26/23 0:00	0	80	483	211974
5/26/23 0:30	0	80	483	211974
5/26/23 1:00	0	80	483	211974
5/26/23 1:30	0	80	483	211974
5/26/23 2:00	0	80	483	211974
5/26/23 2:30	0	80	483	211974
5/26/23 3:00	0	80	483	211974
5/26/23 3:30	0	80	483	211974
5/26/23 4:00	0	80	483	211974
5/26/23 4:30	0	80	483	211974
5/26/23 5:00	0	80	483	211974
5/26/23 5:30	0	80	483	211974
5/26/23 6:00	0	80	483	211974
5/26/23 6:30	0	80	483	211974
5/26/23 7:00	0	80	483	211974
5/26/23 7:30	0	80	483	211974
5/26/23 8:00	0	80	483	211974
5/26/23 8:30	0	80	483	211974
5/26/23 9:00	0	80	483	211974
5/26/23 9:30	0	80	484	211974
5/26/23 10:00	0	80	483	211974
5/26/23 10:30	0	80	483	211974
5/26/23 11:00	0	80	483	211974
5/26/23 11:30	0	80	483	211974
5/26/23 12:00	0	80	483	211974
5/26/23 12:30	0	80	483	211974
5/26/23 13:00	0	80	483	211974
5/26/23 13:30	0	80	483	211974
5/26/23 14:00	0	80	483	211974
5/26/23 14:30	0	80	483	211974
5/26/23 15:00	0	80	483	211974
5/26/23 15:30	0	80	483	211974
5/26/23 16:00	0	80	483	211974
5/26/23 16:30	0	80	483	211974
5/26/23 17:00	0	80	483	211974
5/26/23 17:30	0	80	483	211974
5/26/23 18:00	0	80	483	211974
5/26/23 18:30	0	80	483	211974
5/26/23 19:00	0	80	483	211974
5/26/23 19:30	0	80	483	211974
5/26/23 20:00	0	80	483	211974
5/26/23 20:30	0	81	482	211974
5/26/23 21:00	0	81	483	211974
5/26/23 21:30	0	81	483	211974
5/26/23 22:00	0	81	483	211974
5/26/23 22:30	0	81	483	211974
5/26/23 23:00	0	80	483	211974
5/26/23 23:30	0	80	483	211974
5/27/23 0:00	0	80	483	211974
5/27/23 0:30	0	80	483	211974
5/27/23 1:00	0	80	483	211974
5/27/23 1:30	0	80	483	211974
5/27/23 2:00	0	80	483	211974
5/27/23 2:30	0	80	483	211974
5/27/23 3:00	0	80	483	211974
5/27/23 3:30	0	80	483	211974
5/27/23 4:00	0	80	483	211974
5/27/23 4:30	0	80	483	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/27/23 5:00	0	80	483	211974
5/27/23 5:30	0	80	483	211974
5/27/23 6:00	0	80	483	211974
5/27/23 6:30	0	80	483	211974
5/27/23 7:00	0	80	483	211974
5/27/23 7:30	0	80	483	211974
5/27/23 8:00	0	80	483	211974
5/27/23 8:30	0	80	483	211974
5/27/23 9:00	0	80	483	211974
5/27/23 9:30	0	80	483	211974
5/27/23 10:00	0	80	483	211974
5/27/23 10:30	0	80	483	211974
5/27/23 11:00	0	80	483	211974
5/27/23 11:30	0	80	483	211974
5/27/23 12:00	0	80	483	211974
5/27/23 12:30	0	80	483	211974
5/27/23 13:00	0	80	483	211974
5/27/23 13:30	0	80	483	211974
5/27/23 14:00	0	80	483	211974
5/27/23 14:30	0	80	483	211974
5/27/23 15:00	0	80	483	211974
5/27/23 15:30	0	80	483	211974
5/27/23 16:00	0	80	483	211974
5/27/23 16:30	0	80	483	211974
5/27/23 17:00	0	80	483	211974
5/27/23 17:30	0	80	483	211974
5/27/23 18:00	0	81	483	211974
5/27/23 18:30	0	81	483	211974
5/27/23 19:00	0	81	483	211974
5/27/23 19:30	0	81	482	211974
5/27/23 20:00	0	81	482	211974
5/27/23 20:30	0	81	482	211974
5/27/23 21:00	0	81	482	211974
5/27/23 21:30	0	81	482	211974
5/27/23 22:00	0	81	482	211974
5/27/23 22:30	0	81	482	211974
5/27/23 23:00	0	81	482	211974
5/27/23 23:30	0	81	482	211974
5/28/23 0:00	0	81	482	211974
5/28/23 0:30	0	80	482	211974
5/28/23 1:00	0	80	482	211974
5/28/23 1:30	0	80	482	211974
5/28/23 2:00	0	80	482	211974
5/28/23 2:30	0	80	482	211974
5/28/23 3:00	0	80	482	211974
5/28/23 3:30	0	80	482	211974
5/28/23 4:00	0	80	482	211974
5/28/23 4:30	0	80	482	211974
5/28/23 5:00	0	80	482	211974
5/28/23 5:30	0	80	482	211974
5/28/23 6:00	0	80	482	211974
5/28/23 6:30	0	80	482	211974
5/28/23 7:00	0	80	482	211974
5/28/23 7:30	0	80	482	211974
5/28/23 8:00	0	80	482	211974
5/28/23 8:30	0	80	482	211974
5/28/23 9:00	0	80	483	211974
5/28/23 9:30	0	80	483	211974
5/28/23 10:00	0	80	483	211974
5/28/23 10:30	0	80	483	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/28/23 11:00	0	80	483	211974
5/28/23 11:30	0	80	483	211974
5/28/23 12:00	0	80	482	211974
5/28/23 12:30	0	80	483	211974
5/28/23 13:00	0	80	483	211974
5/28/23 13:30	0	80	482	211974
5/28/23 14:00	0	80	482	211974
5/28/23 14:30	0	80	482	211974
5/28/23 15:00	0	81	482	211974
5/28/23 15:30	0	81	482	211974
5/28/23 16:00	0	81	482	211974
5/28/23 16:30	0	81	482	211974
5/28/23 17:00	0	81	482	211974
5/28/23 17:30	0	81	482	211974
5/28/23 18:00	0	81	482	211974
5/28/23 18:30	0	81	482	211974
5/28/23 19:00	0	81	482	211974
5/28/23 19:30	0	81	482	211974
5/28/23 20:00	0	81	482	211974
5/28/23 20:30	0	81	482	211974
5/28/23 21:00	0	81	482	211974
5/28/23 21:30	0	81	482	211974
5/28/23 22:00	0	81	482	211974
5/28/23 22:30	0	81	482	211974
5/28/23 23:00	0	81	482	211974
5/28/23 23:30	0	81	482	211974
5/29/23 0:00	0	81	482	211974
5/29/23 0:30	0	81	482	211974
5/29/23 1:00	0	81	482	211974
5/29/23 1:30	0	81	482	211974
5/29/23 2:00	0	81	482	211974
5/29/23 2:30	0	81	482	211974
5/29/23 3:00	0	81	482	211974
5/29/23 3:30	0	81	482	211974
5/29/23 4:00	0	81	482	211974
5/29/23 4:30	0	81	482	211974
5/29/23 5:00	0	81	482	211974
5/29/23 5:30	0	81	482	211974
5/29/23 6:00	0	80	482	211974
5/29/23 6:30	0	80	482	211974
5/29/23 7:00	0	80	482	211974
5/29/23 7:30	0	80	482	211974
5/29/23 8:00	0	80	482	211974
5/29/23 8:30	0	80	482	211974
5/29/23 9:00	0	80	482	211974
5/29/23 9:30	0	80	482	211974
5/29/23 10:00	0	80	482	211974
5/29/23 10:30	0	80	482	211974
5/29/23 11:00	0	80	482	211974
5/29/23 11:30	0	80	482	211974
5/29/23 12:00	0	80	482	211974
5/29/23 12:30	0	80	482	211974
5/29/23 13:00	0	81	482	211974
5/29/23 13:30	0	81	482	211974
5/29/23 14:00	0	81	482	211974
5/29/23 14:30	0	81	482	211974
5/29/23 15:00	0	81	482	211974
5/29/23 15:30	0	81	482	211974
5/29/23 16:00	0	81	482	211974
5/29/23 16:30	0	81	482	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/29/23 17:00	0	81	482	211974
5/29/23 17:30	0	81	482	211974
5/29/23 18:00	0	81	482	211974
5/29/23 18:30	0	81	482	211974
5/29/23 19:00	0	81	482	211974
5/29/23 19:30	0	81	482	211974
5/29/23 20:00	0	81	482	211974
5/29/23 20:30	0	81	482	211974
5/29/23 21:00	0	81	482	211974
5/29/23 21:30	0	81	482	211974
5/29/23 22:00	0	81	481	211974
5/29/23 22:30	0	81	482	211974
5/29/23 23:00	0	81	482	211974
5/29/23 23:30	0	81	482	211974
5/30/23 0:00	0	81	482	211974
5/30/23 0:30	0	81	482	211974
5/30/23 1:00	0	81	482	211974
5/30/23 1:30	0	81	482	211974
5/30/23 2:00	0	81	482	211974
5/30/23 2:30	0	81	482	211974
5/30/23 3:00	0	81	482	211974
5/30/23 3:30	0	81	482	211974
5/30/23 4:00	0	81	482	211974
5/30/23 4:30	0	81	482	211974
5/30/23 5:00	0	81	482	211974
5/30/23 5:30	0	81	482	211974
5/30/23 6:00	0	81	482	211974
5/30/23 6:30	0	81	482	211974
5/30/23 7:00	0	81	482	211974
5/30/23 7:30	0	81	482	211974
5/30/23 8:00	0	81	482	211974
5/30/23 8:30	0	81	482	211974
5/30/23 9:00	0	81	482	211974
5/30/23 9:30	0	81	482	211974
5/30/23 10:00	0	81	482	211974
5/30/23 10:30	0	81	482	211974
5/30/23 11:00	0	81	482	211974
5/30/23 11:30	0	81	482	211974
5/30/23 12:00	0	81	482	211974
5/30/23 12:30	0	81	482	211974
5/30/23 13:00	0	81	482	211974
5/30/23 13:30	0	81	482	211974
5/30/23 14:00	0	81	482	211974
5/30/23 14:30	0	81	482	211974
5/30/23 15:00	0	81	482	211974
5/30/23 15:30	0	81	482	211974
5/30/23 16:00	0	81	482	211974
5/30/23 16:30	0	81	482	211974
5/30/23 17:00	0	81	482	211974
5/30/23 17:30	0	81	482	211974
5/30/23 18:00	0	81	482	211974
5/30/23 18:30	0	81	482	211974
5/30/23 19:00	0	82	482	211974
5/30/23 19:30	0	82	482	211974
5/30/23 20:00	0	82	481	211974
5/30/23 20:30	0	82	481	211974
5/30/23 21:00	0	82	481	211974
5/30/23 21:30	0	82	482	211974
5/30/23 22:00	0	82	482	211974
5/30/23 22:30	0	82	481	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
5/30/23 23:00	0	82	481	211974
5/30/23 23:30	0	82	481	211974
5/31/23 0:00	0	82	481	211974
5/31/23 0:30	0	82	481	211974
5/31/23 1:00	0	81	482	211974
5/31/23 1:30	0	81	482	211974
5/31/23 2:00	0	81	482	211974
5/31/23 2:30	0	81	482	211974
5/31/23 3:00	0	81	482	211974
5/31/23 3:30	0	81	482	211974
5/31/23 4:00	0	81	481	211974
5/31/23 4:30	0	81	481	211974
5/31/23 5:00	0	81	481	211974
5/31/23 5:30	0	81	481	211974
5/31/23 6:00	0	81	482	211974
5/31/23 6:30	0	81	481	211974
5/31/23 7:00	0	81	482	211974
5/31/23 7:30	0	81	481	211974
5/31/23 8:00	0	81	481	211974
5/31/23 8:30	0	81	482	211974
5/31/23 9:00	0	81	482	211974
5/31/23 9:30	0	81	482	211974
5/31/23 10:00	0	81	482	211974
5/31/23 10:30	0	81	482	211974
5/31/23 11:00	0	81	482	211974
5/31/23 11:30	0	81	482	211974
5/31/23 12:00	0	81	481	211974
5/31/23 12:30	0	81	482	211974
5/31/23 13:00	0	81	482	211974
5/31/23 13:30	0	81	482	211974
5/31/23 14:00	0	81	481	211974
5/31/23 14:30	0	81	481	211974
5/31/23 15:00	0	81	481	211974
5/31/23 15:30	0	82	481	211974
5/31/23 16:00	0	82	482	211974
5/31/23 16:30	0	82	481	211974
5/31/23 17:00	0	82	481	211974
5/31/23 17:30	0	82	481	211974
5/31/23 18:00	0	82	482	211974
5/31/23 18:30	0	82	481	211974
5/31/23 19:00	0	82	481	211974
5/31/23 19:30	0	82	481	211974
5/31/23 20:00	0	82	481	211974
5/31/23 20:30	0	82	481	211974
5/31/23 21:00	0	82	481	211974
5/31/23 21:30	0	82	481	211974
5/31/23 22:00	0	82	481	211974
5/31/23 22:30	0	82	481	211974
5/31/23 23:00	0	82	481	211974
5/31/23 23:30	0	81	481	211974
6/1/23 0:00	0	81	481	211974
6/1/23 0:30	0	81	481	211974
6/1/23 1:00	0	81	481	211974
6/1/23 1:30	0	81	481	211974
6/1/23 2:00	0	81	481	211974
6/1/23 2:30	0	81	481	211974
6/1/23 3:00	0	81	481	211974
6/1/23 3:30	0	81	481	211974
6/1/23 4:00	0	81	481	211974
6/1/23 4:30	0	81	481	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/1/23 5:00	0	81	481	211974
6/1/23 5:30	0	81	481	211974
6/1/23 6:00	0	81	481	211974
6/1/23 6:30	0	81	481	211974
6/1/23 7:00	0	81	481	211974
6/1/23 7:30	0	81	481	211974
6/1/23 8:00	0	81	481	211974
6/1/23 8:30	0	81	481	211974
6/1/23 9:00	0	81	481	211974
6/1/23 9:30	0	81	481	211974
6/1/23 10:00	0	81	482	211974
6/1/23 10:30	0	81	481	211974
6/1/23 11:00	0	81	482	211974
6/1/23 11:30	0	81	482	211974
6/1/23 12:00	0	81	481	211974
6/1/23 12:30	0	81	481	211974
6/1/23 13:00	0	81	481	211974
6/1/23 13:30	0	81	481	211974
6/1/23 14:00	0	81	481	211974
6/1/23 14:30	0	81	480	211974
6/1/23 15:00	0	81	481	211974
6/1/23 15:30	0	82	481	211974
6/1/23 16:00	0	82	481	211974
6/1/23 16:30	0	82	480	211974
6/1/23 17:00	0	82	481	211974
6/1/23 17:30	0	82	481	211974
6/1/23 18:00	0	82	482	211974
6/1/23 18:30	0	82	481	211974
6/1/23 19:00	0	82	481	211974
6/1/23 19:30	0	82	481	211974
6/1/23 20:00	0	82	481	211974
6/1/23 20:30	0	82	481	211974
6/1/23 21:00	0	82	481	211974
6/1/23 21:30	0	82	481	211974
6/1/23 22:00	0	82	481	211974
6/1/23 22:30	0	82	481	211974
6/1/23 23:00	0	81	481	211974
6/1/23 23:30	0	81	481	211974
6/2/23 0:00	0	81	481	211974
6/2/23 0:30	0	81	481	211974
6/2/23 1:00	0	81	481	211974
6/2/23 1:30	0	81	481	211974
6/2/23 2:00	0	81	481	211974
6/2/23 2:30	0	81	481	211974
6/2/23 3:00	0	81	481	211974
6/2/23 3:30	0	81	481	211974
6/2/23 4:00	0	81	481	211974
6/2/23 4:30	0	81	481	211974
6/2/23 5:00	0	81	481	211974
6/2/23 5:30	0	81	481	211974
6/2/23 6:00	0	81	481	211974
6/2/23 6:30	0	81	481	211974
6/2/23 7:00	0	81	481	211974
6/2/23 7:30	0	81	481	211974
6/2/23 8:00	0	81	481	211974
6/2/23 8:30	0	81	481	211974
6/2/23 9:00	0	81	481	211974
6/2/23 9:30	0	81	481	211974
6/2/23 10:00	0	81	481	211974
6/2/23 10:30	0	81	481	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/2/23 11:00	0	81	482	211974
6/2/23 11:30	0	81	481	211974
6/2/23 12:00	0	81	481	211974
6/2/23 12:30	0	81	481	211974
6/2/23 13:00	0	81	481	211974
6/2/23 13:30	0	81	481	211974
6/2/23 14:00	0	81	481	211974
6/2/23 14:30	0	82	481	211974
6/2/23 15:00	0	82	481	211974
6/2/23 15:30	0	82	481	211974
6/2/23 16:00	0	82	481	211974
6/2/23 16:30	0	82	481	211974
6/2/23 17:00	0	82	480	211974
6/2/23 17:30	0	82	480	211974
6/2/23 18:00	0	82	481	211974
6/2/23 18:30	0	82	481	211974
6/2/23 19:00	0	82	481	211974
6/2/23 19:30	0	82	480	211974
6/2/23 20:00	0	82	481	211974
6/2/23 20:30	0	82	481	211974
6/2/23 21:00	0	82	481	211974
6/2/23 21:30	0	82	481	211974
6/2/23 22:00	0	82	481	211974
6/2/23 22:30	0	82	481	211974
6/2/23 23:00	0	82	481	211974
6/2/23 23:30	0	82	481	211974
6/3/23 0:00	0	82	481	211974
6/3/23 0:30	0	82	481	211974
6/3/23 1:00	0	82	481	211974
6/3/23 1:30	0	82	481	211974
6/3/23 2:00	0	82	481	211974
6/3/23 2:30	0	82	481	211974
6/3/23 3:00	0	82	481	211974
6/3/23 3:30	0	82	481	211974
6/3/23 4:00	0	82	481	211974
6/3/23 4:30	0	82	481	211974
6/3/23 5:00	0	82	481	211974
6/3/23 5:30	0	82	481	211974
6/3/23 6:00	0	82	481	211974
6/3/23 6:30	0	82	481	211974
6/3/23 7:00	0	82	481	211974
6/3/23 7:30	0	82	481	211974
6/3/23 8:00	0	82	481	211974
6/3/23 8:30	0	81	481	211974
6/3/23 9:00	0	81	481	211974
6/3/23 9:30	0	81	481	211974
6/3/23 10:00	0	81	481	211974
6/3/23 10:30	0	81	481	211974
6/3/23 11:00	0	82	481	211974
6/3/23 11:30	0	82	481	211974
6/3/23 12:00	0	82	481	211974
6/3/23 12:30	0	82	481	211974
6/3/23 13:00	0	82	481	211974
6/3/23 13:30	0	82	481	211974
6/3/23 14:00	0	82	481	211974
6/3/23 14:30	0	82	481	211974
6/3/23 15:00	0	82	480	211974
6/3/23 15:30	0	82	481	211974
6/3/23 16:00	0	82	480	211974
6/3/23 16:30	0	82	481	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/3/23 17:00	0	82	480	211974
6/3/23 17:30	0	82	480	211974
6/3/23 18:00	0	82	480	211974
6/3/23 18:30	0	82	480	211974
6/3/23 19:00	0	82	481	211974
6/3/23 19:30	0	82	480	211974
6/3/23 20:00	0	82	480	211974
6/3/23 20:30	0	82	480	211974
6/3/23 21:00	0	82	480	211974
6/3/23 21:30	0	82	480	211974
6/3/23 22:00	0	82	480	211974
6/3/23 22:30	0	82	480	211974
6/3/23 23:00	0	82	480	211974
6/3/23 23:30	0	82	480	211974
6/4/23 0:00	0	82	480	211974
6/4/23 0:30	0	82	480	211974
6/4/23 1:00	0	82	480	211974
6/4/23 1:30	0	82	480	211974
6/4/23 2:00	0	82	480	211974
6/4/23 2:30	0	82	480	211974
6/4/23 3:00	0	82	480	211974
6/4/23 3:30	0	82	480	211974
6/4/23 4:00	0	82	480	211974
6/4/23 4:30	0	82	480	211974
6/4/23 5:00	0	82	480	211974
6/4/23 5:30	0	82	480	211974
6/4/23 6:00	0	82	480	211974
6/4/23 6:30	0	82	480	211974
6/4/23 7:00	0	82	480	211974
6/4/23 7:30	0	82	480	211974
6/4/23 8:00	0	82	480	211974
6/4/23 8:30	0	82	480	211974
6/4/23 9:00	0	82	481	211974
6/4/23 9:30	0	82	481	211974
6/4/23 10:00	0	82	481	211974
6/4/23 10:30	0	82	480	211974
6/4/23 11:00	0	82	480	211974
6/4/23 11:30	0	82	480	211974
6/4/23 12:00	0	82	481	211974
6/4/23 12:30	0	82	480	211974
6/4/23 13:00	0	82	480	211974
6/4/23 13:30	0	82	480	211974
6/4/23 14:00	0	82	480	211974
6/4/23 14:30	0	82	480	211974
6/4/23 15:00	0	82	480	211974
6/4/23 15:30	0	82	480	211974
6/4/23 16:00	0	82	480	211974
6/4/23 16:30	0	82	480	211974
6/4/23 17:00	0	82	480	211974
6/4/23 17:30	0	83	480	211974
6/4/23 18:00	0	83	480	211974
6/4/23 18:30	0	83	480	211974
6/4/23 19:00	0	83	480	211974
6/4/23 19:30	0	83	480	211974
6/4/23 20:00	0	83	480	211974
6/4/23 20:30	0	83	480	211974
6/4/23 21:00	0	83	480	211974
6/4/23 21:30	0	83	480	211974
6/4/23 22:00	0	83	480	211974
6/4/23 22:30	0	83	480	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/4/23 23:00	0	83	480	211974
6/4/23 23:30	0	83	480	211974
6/5/23 0:00	0	83	480	211974
6/5/23 0:30	0	83	480	211974
6/5/23 1:00	0	83	480	211974
6/5/23 1:30	0	83	480	211974
6/5/23 2:00	0	83	480	211974
6/5/23 2:30	0	83	480	211974
6/5/23 3:00	0	83	480	211974
6/5/23 3:30	0	82	480	211974
6/5/23 4:00	0	82	480	211974
6/5/23 4:30	0	82	480	211974
6/5/23 5:00	0	82	480	211974
6/5/23 5:30	0	82	480	211974
6/5/23 6:00	0	82	480	211974
6/5/23 6:30	0	82	480	211974
6/5/23 7:00	0	82	480	211974
6/5/23 7:30	0	82	480	211974
6/5/23 8:00	0	82	480	211974
6/5/23 8:30	0	82	480	211974
6/5/23 9:00	0	82	480	211974
6/5/23 9:30	0	82	480	211974
6/5/23 10:00	0	82	480	211974
6/5/23 10:30	0	82	480	211974
6/5/23 11:00	0	82	480	211974
6/5/23 11:30	0	82	480	211974
6/5/23 12:00	0	82	480	211974
6/5/23 12:30	0	82	480	211974
6/5/23 13:00	0	82	480	211974
6/5/23 13:30	0	82	480	211974
6/5/23 14:00	0	83	480	211974
6/5/23 14:30	0	83	480	211974
6/5/23 15:00	0	83	480	211974
6/5/23 15:30	0	83	480	211974
6/5/23 16:00	0	83	480	211974
6/5/23 16:30	0	83	480	211974
6/5/23 17:00	0	83	480	211974
6/5/23 17:30	0	83	480	211974
6/5/23 18:00	0	83	479	211974
6/5/23 18:30	0	83	479	211974
6/5/23 19:00	0	83	480	211974
6/5/23 19:30	0	83	479	211974
6/5/23 20:00	0	83	480	211974
6/5/23 20:30	0	83	480	211974
6/5/23 21:00	0	83	480	211974
6/5/23 21:30	0	83	480	211974
6/5/23 22:00	0	83	480	211974
6/5/23 22:30	0	83	480	211974
6/5/23 23:00	0	83	480	211974
6/5/23 23:30	0	83	480	211974
6/6/23 0:00	0	83	480	211974
6/6/23 0:30	0	83	480	211974
6/6/23 1:00	0	83	480	211974
6/6/23 1:30	0	83	480	211974
6/6/23 2:00	0	83	480	211974
6/6/23 2:30	0	83	480	211974
6/6/23 3:00	0	83	480	211974
6/6/23 3:30	0	83	480	211974
6/6/23 4:00	0	83	480	211974
6/6/23 4:30	0	83	480	211974

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/6/23 5:00	0	83	480	211974
6/6/23 5:30	0	83	480	211974
6/6/23 6:00	0	83	480	211974
6/6/23 6:30	0	83	480	211974
6/6/23 7:00	0	83	480	211974
6/6/23 7:30	0	83	480	211974
6/6/23 8:00	0	83	480	211974
6/6/23 8:30	0	82	480	211974
6/6/23 9:00	0	82	480	211974
6/6/23 9:30	0	83	480	211974
6/6/23 10:00	0	83	480	211974
6/6/23 10:30	0	83	480	211974
6/6/23 11:00	0	83	480	211974
6/6/23 11:30	0	83	480	211974
6/6/23 12:00	0	83	480	211974
6/6/23 12:30	0	83	480	211974
6/6/23 13:00	0	83	480	211974
6/6/23 13:30	0	83	480	211974
6/6/23 14:00	0	83	480	211974
6/6/23 14:30	0	83	480	211974
6/6/23 15:00	0	83	480	211974
6/6/23 15:30	0	83	480	211974
6/6/23 16:00	0	83	479	211974
6/6/23 16:30	0	83	479	211974
6/6/23 17:00	0	83	480	211974
6/6/23 17:30	0	83	480	211974
6/6/23 18:00	34	9	711	211987
6/6/23 18:30	31	-7	796	212010
6/6/23 19:00	33	-7	841	212033
6/6/23 19:30	32	-7	872	212056
6/6/23 20:00	32	-7	896	212079
6/6/23 20:30	33	-7	917	212101
6/6/23 21:00	32	-7	936	212123
6/6/23 21:30	31	-7	951	212146
6/6/23 22:00	32	-7	964	212168
6/6/23 22:30	31	-7	975	212190
6/6/23 23:00	32	-7	985	212212
6/6/23 23:30	32	-7	992	212234
6/7/23 0:00	29	-7	1001	212256
6/7/23 0:30	32	-7	1009	212278
6/7/23 1:00	31	-7	1018	212300
6/7/23 1:30	29	-7	1025	212322
6/7/23 2:00	31	-7	1032	212344
6/7/23 2:30	32	-7	1038	212366
6/7/23 3:00	33	-7	1044	212388
6/7/23 3:30	32	-7	1049	212409
6/7/23 4:00	31	-7	1054	212431
6/7/23 4:30	29	-7	1059	212453
6/7/23 5:00	31	-7	1063	212474
6/7/23 5:30	27	-7	1067	212496
6/7/23 6:00	30	-7	1072	212518
6/7/23 6:30	31	-7	1086	212540
6/7/23 7:00	30	-7	1092	212563
6/7/23 7:30	29	-7	1090	212584
6/7/23 8:00	31	-7	1094	212606
6/7/23 8:30	29	-7	1097	212628
6/7/23 9:00	31	-7	1104	212650
6/7/23 9:30	29	-7	1106	212672
6/7/23 10:00	30	-7	1110	212693
6/7/23 10:30	30	-7	1113	212715

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/7/23 11:00	0	-7	862	212716
6/7/23 11:30	0	-7	802	212716
6/7/23 12:00	0	-7	765	212716
6/7/23 12:30	0	-7	739	212716
6/7/23 13:00	0	-7	719	212716
6/7/23 13:30	0	-7	703	212716
6/7/23 14:00	0	-7	690	212716
6/7/23 14:30	0	-7	679	212716
6/7/23 15:00	0	-7	668	212716
6/7/23 15:30	0	-7	661	212716
6/7/23 16:00	0	-7	653	212716
6/7/23 16:30	0	-7	646	212716
6/7/23 17:00	0	-7	641	212716
6/7/23 17:30	0	-7	635	212716
6/7/23 18:00	0	-7	630	212716
6/7/23 18:30	0	-7	626	212716
6/7/23 19:00	0	-7	622	212716
6/7/23 19:30	0	-7	618	212716
6/7/23 20:00	0	-7	614	212716
6/7/23 20:30	0	-7	610	212716
6/7/23 21:00	0	-6	607	212716
6/7/23 21:30	0	-6	605	212716
6/7/23 22:00	0	-6	602	212716
6/7/23 22:30	0	-6	599	212716
6/7/23 23:00	0	-5	597	212716
6/7/23 23:30	0	-5	594	212716
6/8/23 0:00	0	-5	592	212716
6/8/23 0:30	0	-5	590	212716
6/8/23 1:00	0	-4	588	212716
6/8/23 1:30	0	-4	586	212716
6/8/23 2:00	0	-4	584	212716
6/8/23 2:30	0	-4	583	212716
6/8/23 3:00	0	-3	581	212716
6/8/23 3:30	0	-3	579	212716
6/8/23 4:00	0	-3	578	212716
6/8/23 4:30	0	-3	576	212716
6/8/23 5:00	0	-2	575	212716
6/8/23 5:30	0	-2	574	212716
6/8/23 6:00	0	-2	572	212716
6/8/23 6:30	0	-1	571	212716
6/8/23 7:00	0	-1	570	212716
6/8/23 7:30	0	-1	568	212716
6/8/23 8:00	0	-1	567	212716
6/8/23 8:30	0	0	567	212716
6/8/23 9:00	0	0	566	212716
6/8/23 9:30	0	0	565	212716
6/8/23 10:00	0	0	564	212716
6/8/23 10:30	0	1	563	212716
6/8/23 11:00	0	1	562	212716
6/8/23 11:30	0	1	561	212716
6/8/23 12:00	0	2	560	212716
6/8/23 12:30	0	2	559	212716
6/8/23 13:00	0	2	558	212716
6/8/23 13:30	0	3	557	212716
6/8/23 14:00	0	3	556	212716
6/8/23 14:30	0	3	555	212716
6/8/23 15:00	0	4	555	212716
6/8/23 15:30	0	4	554	212716
6/8/23 16:00	0	4	553	212716
6/8/23 16:30	0	5	552	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/8/23 17:00	0	5	552	212716
6/8/23 17:30	0	5	551	212716
6/8/23 18:00	0	6	551	212716
6/8/23 18:30	0	6	550	212716
6/8/23 19:00	0	6	549	212716
6/8/23 19:30	0	7	549	212716
6/8/23 20:00	0	7	548	212716
6/8/23 20:30	0	7	548	212716
6/8/23 21:00	0	8	547	212716
6/8/23 21:30	0	8	546	212716
6/8/23 22:00	0	8	545	212716
6/8/23 22:30	0	9	545	212716
6/8/23 23:00	0	9	545	212716
6/8/23 23:30	0	9	544	212716
6/9/23 0:00	0	10	544	212716
6/9/23 0:30	0	10	543	212716
6/9/23 1:00	0	10	543	212716
6/9/23 1:30	0	11	542	212716
6/9/23 2:00	0	11	542	212716
6/9/23 2:30	0	11	541	212716
6/9/23 3:00	0	11	541	212716
6/9/23 3:30	0	12	541	212716
6/9/23 4:00	0	12	540	212716
6/9/23 4:30	0	12	540	212716
6/9/23 5:00	0	13	539	212716
6/9/23 5:30	0	13	539	212716
6/9/23 6:00	0	13	538	212716
6/9/23 6:30	0	13	538	212716
6/9/23 7:00	0	14	538	212716
6/9/23 7:30	0	14	537	212716
6/9/23 8:00	0	14	537	212716
6/9/23 8:30	0	15	537	212716
6/9/23 9:00	0	15	537	212716
6/9/23 9:30	0	15	536	212716
6/9/23 10:00	0	16	536	212716
6/9/23 10:30	0	16	536	212716
6/9/23 11:00	0	16	535	212716
6/9/23 11:30	0	17	535	212716
6/9/23 12:00	0	17	535	212716
6/9/23 12:30	0	17	534	212716
6/9/23 13:00	0	18	534	212716
6/9/23 13:30	0	18	534	212716
6/9/23 14:00	0	19	533	212716
6/9/23 14:30	0	19	533	212716
6/9/23 15:00	0	19	532	212716
6/9/23 15:30	0	20	532	212716
6/9/23 16:00	0	20	532	212716
6/9/23 16:30	0	20	532	212716
6/9/23 17:00	0	21	531	212716
6/9/23 17:30	0	21	531	212716
6/9/23 18:00	0	21	531	212716
6/9/23 18:30	0	22	531	212716
6/9/23 19:00	0	22	530	212716
6/9/23 19:30	0	22	530	212716
6/9/23 20:00	0	23	530	212716
6/9/23 20:30	0	23	529	212716
6/9/23 21:00	0	23	529	212716
6/9/23 21:30	0	24	529	212716
6/9/23 22:00	0	24	528	212716
6/9/23 22:30	0	24	528	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/9/23 23:00	0	25	528	212716
6/9/23 23:30	0	25	528	212716
6/10/23 0:00	0	25	528	212716
6/10/23 0:30	0	25	528	212716
6/10/23 1:00	0	26	527	212716
6/10/23 1:30	0	26	527	212716
6/10/23 2:00	0	26	527	212716
6/10/23 2:30	0	26	527	212716
6/10/23 3:00	0	27	526	212716
6/10/23 3:30	0	27	526	212716
6/10/23 4:00	0	27	526	212716
6/10/23 4:30	0	27	526	212716
6/10/23 5:00	0	28	526	212716
6/10/23 5:30	0	28	525	212716
6/10/23 6:00	0	28	525	212716
6/10/23 6:30	0	28	525	212716
6/10/23 7:00	0	28	525	212716
6/10/23 7:30	0	29	524	212716
6/10/23 8:00	0	29	524	212716
6/10/23 8:30	0	29	524	212716
6/10/23 9:00	0	29	525	212716
6/10/23 9:30	0	30	524	212716
6/10/23 10:00	0	30	524	212716
6/10/23 10:30	0	30	524	212716
6/10/23 11:00	0	31	524	212716
6/10/23 11:30	0	31	523	212716
6/10/23 12:00	0	31	523	212716
6/10/23 12:30	0	32	523	212716
6/10/23 13:00	0	32	523	212716
6/10/23 13:30	0	32	523	212716
6/10/23 14:00	0	33	522	212716
6/10/23 14:30	0	33	522	212716
6/10/23 15:00	0	33	522	212716
6/10/23 15:30	0	34	521	212716
6/10/23 16:00	0	34	521	212716
6/10/23 16:30	0	34	521	212716
6/10/23 17:00	0	34	521	212716
6/10/23 17:30	0	35	521	212716
6/10/23 18:00	0	35	521	212716
6/10/23 18:30	0	35	521	212716
6/10/23 19:00	0	35	520	212716
6/10/23 19:30	0	36	520	212716
6/10/23 20:00	0	36	520	212716
6/10/23 20:30	0	36	520	212716
6/10/23 21:00	0	37	520	212716
6/10/23 21:30	0	37	520	212716
6/10/23 22:00	0	37	519	212716
6/10/23 22:30	0	37	519	212716
6/10/23 23:00	0	37	519	212716
6/10/23 23:30	0	38	519	212716
6/11/23 0:00	0	38	519	212716
6/11/23 0:30	0	38	519	212716
6/11/23 1:00	0	38	519	212716
6/11/23 1:30	0	38	519	212716
6/11/23 2:00	0	38	519	212716
6/11/23 2:30	0	38	518	212716
6/11/23 3:00	0	38	518	212716
6/11/23 3:30	0	38	518	212716
6/11/23 4:00	0	38	518	212716
6/11/23 4:30	0	39	518	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/11/23 5:00	0	39	518	212716
6/11/23 5:30	0	40	518	212716
6/11/23 6:00	0	40	517	212716
6/11/23 6:30	0	40	517	212716
6/11/23 7:00	0	40	517	212716
6/11/23 7:30	0	40	517	212716
6/11/23 8:00	0	40	517	212716
6/11/23 8:30	0	41	517	212716
6/11/23 9:00	0	41	517	212716
6/11/23 9:30	0	41	517	212716
6/11/23 10:00	0	41	517	212716
6/11/23 10:30	0	41	517	212716
6/11/23 11:00	0	42	517	212716
6/11/23 11:30	0	42	517	212716
6/11/23 12:00	0	42	516	212716
6/11/23 12:30	0	42	516	212716
6/11/23 13:00	0	43	516	212716
6/11/23 13:30	0	43	516	212716
6/11/23 14:00	0	43	516	212716
6/11/23 14:30	0	43	516	212716
6/11/23 15:00	0	44	515	212716
6/11/23 15:30	0	44	515	212716
6/11/23 16:00	0	44	515	212716
6/11/23 16:30	0	44	515	212716
6/11/23 17:00	0	45	515	212716
6/11/23 17:30	0	45	515	212716
6/11/23 18:00	0	45	515	212716
6/11/23 18:30	0	45	515	212716
6/11/23 19:00	0	46	514	212716
6/11/23 19:30	0	46	514	212716
6/11/23 20:00	0	46	514	212716
6/11/23 20:30	0	46	514	212716
6/11/23 21:00	0	46	514	212716
6/11/23 21:30	0	46	514	212716
6/11/23 22:00	0	47	514	212716
6/11/23 22:30	0	47	514	212716
6/11/23 23:00	0	47	514	212716
6/11/23 23:30	0	47	514	212716
6/12/23 0:00	0	47	514	212716
6/12/23 0:30	0	47	513	212716
6/12/23 1:00	0	47	513	212716
6/12/23 1:30	0	47	513	212716
6/12/23 2:00	0	48	513	212716
6/12/23 2:30	0	48	513	212716
6/12/23 3:00	0	48	513	212716
6/12/23 3:30	0	48	513	212716
6/12/23 4:00	0	48	513	212716
6/12/23 4:30	0	48	513	212716
6/12/23 5:00	0	48	513	212716
6/12/23 5:30	0	48	512	212716
6/12/23 6:00	0	48	512	212716
6/12/23 6:30	0	49	512	212716
6/12/23 7:00	0	49	512	212716
6/12/23 7:30	0	49	512	212716
6/12/23 8:00	0	49	512	212716
6/12/23 8:30	0	49	512	212716
6/12/23 9:00	0	49	512	212716
6/12/23 9:30	0	49	512	212716
6/12/23 10:00	0	49	512	212716
6/12/23 10:30	0	50	512	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/12/23 11:00	0	50	512	212716
6/12/23 11:30	0	50	511	212716
6/12/23 12:00	0	50	511	212716
6/12/23 12:30	0	50	511	212716
6/12/23 13:00	0	51	511	212716
6/12/23 13:30	0	51	511	212716
6/12/23 14:00	0	51	511	212716
6/12/23 14:30	0	51	511	212716
6/12/23 15:00	0	51	511	212716
6/12/23 15:30	0	51	511	212716
6/12/23 16:00	0	51	511	212716
6/12/23 16:30	0	52	511	212716
6/12/23 17:00	0	52	511	212716
6/12/23 17:30	0	52	510	212716
6/12/23 18:00	0	52	510	212716
6/12/23 18:30	0	52	510	212716
6/12/23 19:00	0	53	510	212716
6/12/23 19:30	0	53	510	212716
6/12/23 20:00	0	53	510	212716
6/12/23 20:30	0	53	509	212716
6/12/23 21:00	0	53	510	212716
6/12/23 21:30	0	53	510	212716
6/12/23 22:00	0	54	509	212716
6/12/23 22:30	0	54	509	212716
6/12/23 23:00	0	54	509	212716
6/12/23 23:30	0	54	509	212716
6/13/23 0:00	0	54	509	212716
6/13/23 0:30	0	54	509	212716
6/13/23 1:00	0	54	509	212716
6/13/23 1:30	0	54	509	212716
6/13/23 2:00	0	54	509	212716
6/13/23 2:30	0	54	509	212716
6/13/23 3:00	0	54	509	212716
6/13/23 3:30	0	54	509	212716
6/13/23 4:00	0	54	509	212716
6/13/23 4:30	0	54	509	212716
6/13/23 5:00	0	54	508	212716
6/13/23 5:30	0	54	508	212716
6/13/23 6:00	0	55	508	212716
6/13/23 6:30	0	55	508	212716
6/13/23 7:00	0	55	508	212716
6/13/23 7:30	0	55	508	212716
6/13/23 8:00	0	55	508	212716
6/13/23 8:30	0	55	508	212716
6/13/23 9:00	0	55	508	212716
6/13/23 9:30	0	55	508	212716
6/13/23 10:00	0	55	508	212716
6/13/23 10:30	0	55	508	212716
6/13/23 11:00	0	56	508	212716
6/13/23 11:30	0	56	508	212716
6/13/23 12:00	0	56	508	212716
6/13/23 12:30	0	56	508	212716
6/13/23 13:00	0	56	508	212716
6/13/23 13:30	0	56	507	212716
6/13/23 14:00	0	57	507	212716
6/13/23 14:30	0	57	507	212716
6/13/23 15:00	0	57	506	212716
6/13/23 15:30	0	57	507	212716
6/13/23 16:00	0	57	508	212716
6/13/23 16:30	0	57	507	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/13/23 17:00	0	57	507	212716
6/13/23 17:30	0	58	507	212716
6/13/23 18:00	0	58	506	212716
6/13/23 18:30	0	58	507	212716
6/13/23 19:00	0	58	506	212716
6/13/23 19:30	0	58	507	212716
6/13/23 20:00	0	58	507	212716
6/13/23 20:30	0	58	507	212716
6/13/23 21:00	0	58	506	212716
6/13/23 21:30	0	58	506	212716
6/13/23 22:00	0	58	506	212716
6/13/23 22:30	0	58	506	212716
6/13/23 23:00	0	58	506	212716
6/13/23 23:30	0	58	506	212716
6/14/23 0:00	0	59	506	212716
6/14/23 0:30	0	59	506	212716
6/14/23 1:00	0	59	506	212716
6/14/23 1:30	0	59	506	212716
6/14/23 2:00	0	59	506	212716
6/14/23 2:30	0	59	506	212716
6/14/23 3:00	0	59	506	212716
6/14/23 3:30	0	59	506	212716
6/14/23 4:00	0	59	506	212716
6/14/23 4:30	0	59	506	212716
6/14/23 5:00	0	59	506	212716
6/14/23 5:30	0	59	505	212716
6/14/23 6:00	0	59	505	212716
6/14/23 6:30	0	59	505	212716
6/14/23 7:00	0	59	505	212716
6/14/23 7:30	0	59	505	212716
6/14/23 8:00	0	59	505	212716
6/14/23 8:30	0	59	505	212716
6/14/23 9:00	0	60	506	212716
6/14/23 9:30	0	60	506	212716
6/14/23 10:00	0	60	505	212716
6/14/23 10:30	0	60	505	212716
6/14/23 11:00	0	60	505	212716
6/14/23 11:30	0	60	505	212716
6/14/23 12:00	0	60	505	212716
6/14/23 12:30	0	61	505	212716
6/14/23 13:00	0	61	505	212716
6/14/23 13:30	0	61	505	212716
6/14/23 14:00	0	61	505	212716
6/14/23 14:30	0	61	505	212716
6/14/23 15:00	0	61	505	212716
6/14/23 15:30	0	61	504	212716
6/14/23 16:00	0	62	504	212716
6/14/23 16:30	0	62	504	212716
6/14/23 17:00	0	62	504	212716
6/14/23 17:30	0	62	504	212716
6/14/23 18:00	0	62	504	212716
6/14/23 18:30	0	62	504	212716
6/14/23 19:00	0	62	504	212716
6/14/23 19:30	0	63	504	212716
6/14/23 20:00	0	63	503	212716
6/14/23 20:30	0	63	504	212716
6/14/23 21:00	0	63	504	212716
6/14/23 21:30	0	63	504	212716
6/14/23 22:00	0	63	504	212716
6/14/23 22:30	0	63	504	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/14/23 23:00	0	63	504	212716
6/14/23 23:30	0	63	504	212716
6/15/23 0:00	0	63	504	212716
6/15/23 0:30	0	63	504	212716
6/15/23 1:00	0	63	504	212716
6/15/23 1:30	0	63	504	212716
6/15/23 2:00	0	63	504	212716
6/15/23 2:30	0	63	503	212716
6/15/23 3:00	0	63	503	212716
6/15/23 3:30	0	63	503	212716
6/15/23 4:00	0	63	503	212716
6/15/23 4:30	0	63	503	212716
6/15/23 5:00	0	63	503	212716
6/15/23 5:30	0	63	503	212716
6/15/23 6:00	0	63	503	212716
6/15/23 6:30	0	63	503	212716
6/15/23 7:00	0	63	503	212716
6/15/23 7:30	0	64	503	212716
6/15/23 8:00	0	64	503	212716
6/15/23 8:30	0	64	503	212716
6/15/23 9:00	0	64	503	212716
6/15/23 9:30	0	64	503	212716
6/15/23 10:00	0	64	503	212716
6/15/23 10:30	0	64	503	212716
6/15/23 11:00	0	64	503	212716
6/15/23 11:30	0	64	503	212716
6/15/23 12:00	0	64	503	212716
6/15/23 12:30	0	64	503	212716
6/15/23 13:00	0	64	502	212716
6/15/23 13:30	0	65	502	212716
6/15/23 14:00	0	65	502	212716
6/15/23 14:30	0	65	502	212716
6/15/23 15:00	0	65	502	212716
6/15/23 15:30	0	65	502	212716
6/15/23 16:00	0	65	502	212716
6/15/23 16:30	0	65	502	212716
6/15/23 17:00	0	65	502	212716
6/15/23 17:30	0	66	502	212716
6/15/23 18:00	0	66	502	212716
6/15/23 18:30	0	66	502	212716
6/15/23 19:00	0	66	502	212716
6/15/23 19:30	0	66	502	212716
6/15/23 20:00	0	66	501	212716
6/15/23 20:30	0	66	502	212716
6/15/23 21:00	0	66	501	212716
6/15/23 21:30	0	66	502	212716
6/15/23 22:00	0	66	502	212716
6/15/23 22:30	0	66	502	212716
6/15/23 23:00	0	66	501	212716
6/15/23 23:30	0	66	501	212716
6/16/23 0:00	0	66	501	212716
6/16/23 0:30	0	66	501	212716
6/16/23 1:00	0	66	502	212716
6/16/23 1:30	0	66	501	212716
6/16/23 2:00	0	66	501	212716
6/16/23 2:30	0	66	501	212716
6/16/23 3:00	0	66	501	212716
6/16/23 3:30	0	66	501	212716
6/16/23 4:00	0	66	501	212716
6/16/23 4:30	0	66	501	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/16/23 5:00	0	66	501	212716
6/16/23 5:30	0	66	501	212716
6/16/23 6:00	0	67	501	212716
6/16/23 6:30	0	67	501	212716
6/16/23 7:00	0	67	501	212716
6/16/23 7:30	0	66	501	212716
6/16/23 8:00	0	67	501	212716
6/16/23 8:30	0	67	501	212716
6/16/23 9:00	0	67	501	212716
6/16/23 9:30	0	67	501	212716
6/16/23 10:00	0	67	501	212716
6/16/23 10:30	0	67	500	212716
6/16/23 11:00	0	67	501	212716
6/16/23 11:30	0	67	501	212716
6/16/23 12:00	0	67	501	212716
6/16/23 12:30	0	67	501	212716
6/16/23 13:00	0	67	500	212716
6/16/23 13:30	0	67	500	212716
6/16/23 14:00	0	68	500	212716
6/16/23 14:30	0	68	500	212716
6/16/23 15:00	0	68	500	212716
6/16/23 15:30	0	68	500	212716
6/16/23 16:00	0	68	500	212716
6/16/23 16:30	0	68	500	212716
6/16/23 17:00	0	68	500	212716
6/16/23 17:30	0	68	500	212716
6/16/23 18:00	0	68	500	212716
6/16/23 18:30	0	69	499	212716
6/16/23 19:00	0	68	500	212716
6/16/23 19:30	0	69	500	212716
6/16/23 20:00	0	69	499	212716
6/16/23 20:30	0	69	500	212716
6/16/23 21:00	0	69	500	212716
6/16/23 21:30	0	69	500	212716
6/16/23 22:00	0	69	500	212716
6/16/23 22:30	0	69	500	212716
6/16/23 23:00	0	69	500	212716
6/16/23 23:30	0	69	500	212716
6/17/23 0:00	0	69	500	212716
6/17/23 0:30	0	69	500	212716
6/17/23 1:00	0	69	500	212716
6/17/23 1:30	0	69	500	212716
6/17/23 2:00	0	69	499	212716
6/17/23 2:30	0	69	499	212716
6/17/23 3:00	0	69	499	212716
6/17/23 3:30	0	69	499	212716
6/17/23 4:00	0	69	499	212716
6/17/23 4:30	0	69	499	212716
6/17/23 5:00	0	69	499	212716
6/17/23 5:30	0	69	499	212716
6/17/23 6:00	0	69	499	212716
6/17/23 6:30	0	69	499	212716
6/17/23 7:00	0	69	499	212716
6/17/23 7:30	0	69	499	212716
6/17/23 8:00	0	69	499	212716
6/17/23 8:30	0	69	499	212716
6/17/23 9:00	0	69	499	212716
6/17/23 9:30	0	69	500	212716
6/17/23 10:00	0	69	499	212716
6/17/23 10:30	0	69	499	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/17/23 11:00	0	69	499	212716
6/17/23 11:30	0	69	499	212716
6/17/23 12:00	0	69	498	212716
6/17/23 12:30	0	69	499	212716
6/17/23 13:00	0	69	499	212716
6/17/23 13:30	0	69	499	212716
6/17/23 14:00	0	70	499	212716
6/17/23 14:30	0	70	499	212716
6/17/23 15:00	0	70	498	212716
6/17/23 15:30	0	70	498	212716
6/17/23 16:00	0	70	498	212716
6/17/23 16:30	0	70	498	212716
6/17/23 17:00	0	70	498	212716
6/17/23 17:30	0	70	498	212716
6/17/23 18:00	0	70	498	212716
6/17/23 18:30	0	70	498	212716
6/17/23 19:00	0	70	498	212716
6/17/23 19:30	0	71	498	212716
6/17/23 20:00	0	71	498	212716
6/17/23 20:30	0	71	498	212716
6/17/23 21:00	0	71	498	212716
6/17/23 21:30	0	71	498	212716
6/17/23 22:00	0	71	498	212716
6/17/23 22:30	0	71	498	212716
6/17/23 23:00	0	71	498	212716
6/17/23 23:30	0	71	498	212716
6/18/23 0:00	0	71	498	212716
6/18/23 0:30	0	71	498	212716
6/18/23 1:00	0	71	498	212716
6/18/23 1:30	0	71	498	212716
6/18/23 2:00	0	71	498	212716
6/18/23 2:30	0	71	498	212716
6/18/23 3:00	0	71	498	212716
6/18/23 3:30	0	71	498	212716
6/18/23 4:00	0	71	498	212716
6/18/23 4:30	0	71	498	212716
6/18/23 5:00	0	71	498	212716
6/18/23 5:30	0	71	498	212716
6/18/23 6:00	0	71	498	212716
6/18/23 6:30	0	71	498	212716
6/18/23 7:00	0	71	498	212716
6/18/23 7:30	0	71	498	212716
6/18/23 8:00	0	71	497	212716
6/18/23 8:30	0	71	498	212716
6/18/23 9:00	0	71	498	212716
6/18/23 9:30	0	71	498	212716
6/18/23 10:00	0	71	498	212716
6/18/23 10:30	0	71	498	212716
6/18/23 11:00	0	71	498	212716
6/18/23 11:30	0	71	498	212716
6/18/23 12:00	0	71	498	212716
6/18/23 12:30	0	71	498	212716
6/18/23 13:00	0	71	497	212716
6/18/23 13:30	0	71	497	212716
6/18/23 14:00	0	72	497	212716
6/18/23 14:30	0	72	497	212716
6/18/23 15:00	0	72	497	212716
6/18/23 15:30	0	72	497	212716
6/18/23 16:00	0	72	497	212716
6/18/23 16:30	0	72	497	212716

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/18/23 17:00	0	72	497	212716
6/18/23 17:30	0	72	497	212716
6/18/23 18:00	0	72	497	212716
6/18/23 18:30	0	73	497	212716
6/18/23 19:00	0	73	497	212716
6/18/23 19:30	0	73	497	212716
6/18/23 20:00	0	73	497	212716
6/18/23 20:30	0	73	497	212716
6/18/23 21:00	0	73	497	212716
6/18/23 21:30	84	89	779	212720
6/18/23 22:00	64	-7	1108	212775
6/18/23 22:30	54	-7	1126	212816
6/18/23 23:00	47	-7	1134	212851
6/18/23 23:30	45	-7	1140	212884
6/19/23 0:00	44	-7	1143	212916
6/19/23 0:30	41	-7	1145	212946
6/19/23 1:00	40	-7	1145	212975
6/19/23 1:30	39	-7	1144	213003
6/19/23 2:00	37	-7	1149	213031
6/19/23 2:30	39	-7	1150	213058
6/19/23 3:00	37	-7	1146	213085
6/19/23 3:30	38	-7	1149	213112
6/19/23 4:00	35	-7	1148	213137
6/19/23 4:30	37	-7	1149	213163
6/19/23 5:00	36	-7	1151	213188
6/19/23 5:30	37	-7	1152	213213
6/19/23 6:00	35	-7	1152	213238
6/19/23 6:30	0	-7	920	213249
6/19/23 7:00	0	-7	829	213249
6/19/23 7:30	0	-7	780	213249
6/19/23 8:00	0	-7	747	213249
6/19/23 8:30	0	-7	723	213249
6/19/23 9:00	0	-7	704	213249
6/19/23 9:30	0	-7	689	213249
6/19/23 10:00	0	-7	676	213249
6/19/23 10:30	0	-7	666	213249
6/19/23 11:00	0	-7	656	213249
6/19/23 11:30	0	-7	648	213249
6/19/23 12:00	0	-7	641	213249
6/19/23 12:30	0	-7	635	213249
6/19/23 13:00	0	-6	629	213249
6/19/23 13:30	0	-6	624	213249
6/19/23 14:00	0	-6	619	213249
6/19/23 14:30	0	-5	615	213249
6/19/23 15:00	0	-5	611	213249
6/19/23 15:30	0	-5	607	213249
6/19/23 16:00	0	-4	604	213249
6/19/23 16:30	0	-4	601	213249
6/19/23 17:00	0	-4	598	213249
6/19/23 17:30	0	-3	595	213249
6/19/23 18:00	0	-3	593	213249
6/19/23 18:30	0	-3	590	213249
6/19/23 19:00	0	-2	588	213249
6/19/23 19:30	0	-2	586	213249
6/19/23 20:00	0	-1	584	213249
6/19/23 20:30	0	-1	582	213249
6/19/23 21:00	0	-1	580	213249
6/19/23 21:30	0	0	579	213249
6/19/23 22:00	0	0	577	213249
6/19/23 22:30	0	1	575	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/19/23 23:00	0	1	574	213249
6/19/23 23:30	0	2	573	213249
6/20/23 0:00	0	2	571	213249
6/20/23 0:30	0	2	570	213249
6/20/23 1:00	0	3	569	213249
6/20/23 1:30	0	3	568	213249
6/20/23 2:00	0	4	566	213249
6/20/23 2:30	0	4	565	213249
6/20/23 3:00	0	4	564	213249
6/20/23 3:30	0	5	563	213249
6/20/23 4:00	0	5	562	213249
6/20/23 4:30	0	6	561	213249
6/20/23 5:00	0	6	561	213249
6/20/23 5:30	0	6	560	213249
6/20/23 6:00	0	7	559	213249
6/20/23 6:30	0	7	558	213249
6/20/23 7:00	0	8	557	213249
6/20/23 7:30	0	8	556	213249
6/20/23 8:00	0	8	555	213249
6/20/23 8:30	0	9	555	213249
6/20/23 9:00	0	9	554	213249
6/20/23 9:30	0	10	553	213249
6/20/23 10:00	0	10	553	213249
6/20/23 10:30	0	10	553	213249
6/20/23 11:00	0	11	552	213249
6/20/23 11:30	0	11	551	213249
6/20/23 12:00	0	12	550	213249
6/20/23 12:30	0	12	550	213249
6/20/23 13:00	0	13	549	213249
6/20/23 13:30	0	13	548	213249
6/20/23 14:00	0	14	548	213249
6/20/23 14:30	0	14	547	213249
6/20/23 15:00	0	15	547	213249
6/20/23 15:30	0	15	546	213249
6/20/23 16:00	0	15	546	213249
6/20/23 16:30	0	16	545	213249
6/20/23 17:00	0	16	545	213249
6/20/23 17:30	0	17	544	213249
6/20/23 18:00	0	17	544	213249
6/20/23 18:30	0	18	543	213249
6/20/23 19:00	0	18	543	213249
6/20/23 19:30	0	18	543	213249
6/20/23 20:00	0	19	542	213249
6/20/23 20:30	0	19	542	213249
6/20/23 21:00	0	20	541	213249
6/20/23 21:30	0	20	541	213249
6/20/23 22:00	0	21	540	213249
6/20/23 22:30	0	21	540	213249
6/20/23 23:00	0	21	540	213249
6/20/23 23:30	0	22	539	213249
6/21/23 0:00	0	22	539	213249
6/21/23 0:30	0	22	539	213249
6/21/23 1:00	0	23	538	213249
6/21/23 1:30	0	23	538	213249
6/21/23 2:00	0	23	538	213249
6/21/23 2:30	0	24	537	213249
6/21/23 3:00	0	24	537	213249
6/21/23 3:30	0	24	537	213249
6/21/23 4:00	0	25	536	213249
6/21/23 4:30	0	25	536	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/21/23 5:00	0	25	536	213249
6/21/23 5:30	0	26	536	213249
6/21/23 6:00	0	26	535	213249
6/21/23 6:30	0	26	535	213249
6/21/23 7:00	0	26	535	213249
6/21/23 7:30	0	27	534	213249
6/21/23 8:00	0	27	534	213249
6/21/23 8:30	0	27	534	213249
6/21/23 9:00	0	28	534	213249
6/21/23 9:30	0	28	534	213249
6/21/23 10:00	0	28	534	213249
6/21/23 10:30	0	29	533	213249
6/21/23 11:00	0	29	533	213249
6/21/23 11:30	0	29	533	213249
6/21/23 12:00	0	30	532	213249
6/21/23 12:30	0	30	532	213249
6/21/23 13:00	0	31	532	213249
6/21/23 13:30	0	31	532	213249
6/21/23 14:00	0	31	531	213249
6/21/23 14:30	0	31	531	213249
6/21/23 15:00	0	31	531	213249
6/21/23 15:30	0	31	531	213249
6/21/23 16:00	0	33	530	213249
6/21/23 16:30	0	33	530	213249
6/21/23 17:00	0	34	530	213249
6/21/23 17:30	0	34	530	213249
6/21/23 18:00	0	34	529	213249
6/21/23 18:30	0	35	529	213249
6/21/23 19:00	0	35	529	213249
6/21/23 19:30	0	35	529	213249
6/21/23 20:00	0	36	529	213249
6/21/23 20:30	0	36	529	213249
6/21/23 21:00	0	36	528	213249
6/21/23 21:30	0	37	528	213249
6/21/23 22:00	0	37	528	213249
6/21/23 22:30	0	37	527	213249
6/21/23 23:00	0	37	527	213249
6/21/23 23:30	0	38	527	213249
6/22/23 0:00	0	38	527	213249
6/22/23 0:30	0	38	527	213249
6/22/23 1:00	0	38	527	213249
6/22/23 1:30	0	38	527	213249
6/22/23 2:00	0	39	527	213249
6/22/23 2:30	0	39	526	213249
6/22/23 3:00	0	39	526	213249
6/22/23 3:30	0	39	526	213249
6/22/23 4:00	0	39	526	213249
6/22/23 4:30	0	40	526	213249
6/22/23 5:00	0	40	526	213249
6/22/23 5:30	0	40	525	213249
6/22/23 6:00	0	40	525	213249
6/22/23 6:30	0	40	525	213249
6/22/23 7:00	0	40	525	213249
6/22/23 7:30	0	41	525	213249
6/22/23 8:00	0	41	524	213249
6/22/23 8:30	0	41	524	213249
6/22/23 9:00	0	41	525	213249
6/22/23 9:30	0	41	525	213249
6/22/23 10:00	0	42	525	213249
6/22/23 10:30	0	42	524	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/22/23 11:00	0	42	524	213249
6/22/23 11:30	0	42	524	213249
6/22/23 12:00	0	43	524	213249
6/22/23 12:30	0	43	523	213249
6/22/23 13:00	0	43	523	213249
6/22/23 13:30	0	43	523	213249
6/22/23 14:00	0	44	523	213249
6/22/23 14:30	0	44	523	213249
6/22/23 15:00	0	44	523	213249
6/22/23 15:30	0	44	522	213249
6/22/23 16:00	0	45	522	213249
6/22/23 16:30	0	45	522	213249
6/22/23 17:00	0	45	522	213249
6/22/23 17:30	0	46	522	213249
6/22/23 18:00	0	46	522	213249
6/22/23 18:30	0	46	522	213249
6/22/23 19:00	0	46	521	213249
6/22/23 19:30	0	47	521	213249
6/22/23 20:00	0	47	521	213249
6/22/23 20:30	0	47	521	213249
6/22/23 21:00	0	47	521	213249
6/22/23 21:30	0	47	521	213249
6/22/23 22:00	0	48	521	213249
6/22/23 22:30	0	48	520	213249
6/22/23 23:00	0	48	520	213249
6/22/23 23:30	0	48	520	213249
6/23/23 0:00	0	48	520	213249
6/23/23 0:30	0	48	520	213249
6/23/23 1:00	0	48	520	213249
6/23/23 1:30	0	48	520	213249
6/23/23 2:00	0	49	520	213249
6/23/23 2:30	0	49	520	213249
6/23/23 3:00	0	49	520	213249
6/23/23 3:30	0	49	520	213249
6/23/23 4:00	0	49	519	213249
6/23/23 4:30	0	49	519	213249
6/23/23 5:00	0	49	519	213249
6/23/23 5:30	0	49	519	213249
6/23/23 6:00	0	49	519	213249
6/23/23 6:30	0	50	519	213249
6/23/23 7:00	0	50	519	213249
6/23/23 7:30	0	50	519	213249
6/23/23 8:00	0	50	518	213249
6/23/23 8:30	0	50	519	213249
6/23/23 9:00	0	50	519	213249
6/23/23 9:30	0	50	519	213249
6/23/23 10:00	0	50	519	213249
6/23/23 10:30	0	51	518	213249
6/23/23 11:00	0	51	518	213249
6/23/23 11:30	0	51	518	213249
6/23/23 12:00	0	51	518	213249
6/23/23 12:30	0	51	518	213249
6/23/23 13:00	0	52	518	213249
6/23/23 13:30	0	52	517	213249
6/23/23 14:00	0	52	517	213249
6/23/23 14:30	0	52	517	213249
6/23/23 15:00	0	53	517	213249
6/23/23 15:30	0	53	517	213249
6/23/23 16:00	0	53	517	213249
6/23/23 16:30	0	53	517	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/23/23 17:00	0	53	517	213249
6/23/23 17:30	0	53	517	213249
6/23/23 18:00	0	54	517	213249
6/23/23 18:30	0	54	517	213249
6/23/23 19:00	0	54	516	213249
6/23/23 19:30	0	54	516	213249
6/23/23 20:00	0	54	516	213249
6/23/23 20:30	0	54	516	213249
6/23/23 21:00	0	55	516	213249
6/23/23 21:30	0	55	516	213249
6/23/23 22:00	0	55	516	213249
6/23/23 22:30	0	55	515	213249
6/23/23 23:00	0	55	515	213249
6/23/23 23:30	0	55	516	213249
6/24/23 0:00	0	55	516	213249
6/24/23 0:30	0	55	516	213249
6/24/23 1:00	0	55	515	213249
6/24/23 1:30	0	55	515	213249
6/24/23 2:00	0	55	515	213249
6/24/23 2:30	0	55	515	213249
6/24/23 3:00	0	55	515	213249
6/24/23 3:30	0	56	515	213249
6/24/23 4:00	0	56	515	213249
6/24/23 4:30	0	56	515	213249
6/24/23 5:00	0	56	515	213249
6/24/23 5:30	0	56	515	213249
6/24/23 6:00	0	56	514	213249
6/24/23 6:30	0	56	514	213249
6/24/23 7:00	0	56	514	213249
6/24/23 7:30	0	56	514	213249
6/24/23 8:00	0	56	514	213249
6/24/23 8:30	0	56	514	213249
6/24/23 9:00	0	56	515	213249
6/24/23 9:30	0	56	515	213249
6/24/23 10:00	0	56	515	213249
6/24/23 10:30	0	56	514	213249
6/24/23 11:00	0	57	514	213249
6/24/23 11:30	0	57	514	213249
6/24/23 12:00	0	57	514	213249
6/24/23 12:30	0	57	514	213249
6/24/23 13:00	0	57	514	213249
6/24/23 13:30	0	58	514	213249
6/24/23 14:00	0	58	513	213249
6/24/23 14:30	0	58	513	213249
6/24/23 15:00	0	58	513	213249
6/24/23 15:30	0	58	513	213249
6/24/23 16:00	0	58	513	213249
6/24/23 16:30	0	59	513	213249
6/24/23 17:00	0	59	513	213249
6/24/23 17:30	0	59	513	213249
6/24/23 18:00	0	59	513	213249
6/24/23 18:30	0	59	513	213249
6/24/23 19:00	0	60	513	213249
6/24/23 19:30	0	60	513	213249
6/24/23 20:00	0	60	513	213249
6/24/23 20:30	0	60	512	213249
6/24/23 21:00	0	60	512	213249
6/24/23 21:30	0	60	512	213249
6/24/23 22:00	0	60	512	213249
6/24/23 22:30	0	60	512	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/24/23 23:00	0	60	512	213249
6/24/23 23:30	0	60	512	213249
6/25/23 0:00	0	60	512	213249
6/25/23 0:30	0	60	512	213249
6/25/23 1:00	0	60	512	213249
6/25/23 1:30	0	60	512	213249
6/25/23 2:00	0	60	512	213249
6/25/23 2:30	0	60	512	213249
6/25/23 3:00	0	60	512	213249
6/25/23 3:30	0	60	512	213249
6/25/23 4:00	0	60	512	213249
6/25/23 4:30	0	60	511	213249
6/25/23 5:00	0	60	511	213249
6/25/23 5:30	0	61	511	213249
6/25/23 6:00	0	61	511	213249
6/25/23 6:30	0	61	511	213249
6/25/23 7:00	0	61	511	213249
6/25/23 7:30	0	61	511	213249
6/25/23 8:00	0	61	511	213249
6/25/23 8:30	0	61	511	213249
6/25/23 9:00	0	61	511	213249
6/25/23 9:30	0	61	511	213249
6/25/23 10:00	0	61	511	213249
6/25/23 10:30	0	61	511	213249
6/25/23 11:00	0	61	511	213249
6/25/23 11:30	0	61	511	213249
6/25/23 12:00	0	61	511	213249
6/25/23 12:30	0	62	511	213249
6/25/23 13:00	0	62	511	213249
6/25/23 13:30	0	62	511	213249
6/25/23 14:00	0	62	510	213249
6/25/23 14:30	0	62	510	213249
6/25/23 15:00	0	63	510	213249
6/25/23 15:30	0	63	510	213249
6/25/23 16:00	0	63	510	213249
6/25/23 16:30	0	63	510	213249
6/25/23 17:00	0	63	510	213249
6/25/23 17:30	0	63	510	213249
6/25/23 18:00	0	64	510	213249
6/25/23 18:30	0	64	510	213249
6/25/23 19:00	0	64	510	213249
6/25/23 19:30	0	64	510	213249
6/25/23 20:00	0	64	510	213249
6/25/23 20:30	0	64	509	213249
6/25/23 21:00	0	64	509	213249
6/25/23 21:30	0	64	509	213249
6/25/23 22:00	0	64	509	213249
6/25/23 22:30	0	64	509	213249
6/25/23 23:00	0	65	509	213249
6/25/23 23:30	0	65	509	213249
6/26/23 0:00	0	65	509	213249
6/26/23 0:30	0	64	509	213249
6/26/23 1:00	0	64	509	213249
6/26/23 1:30	0	64	509	213249
6/26/23 2:00	0	65	509	213249
6/26/23 2:30	0	65	509	213249
6/26/23 3:00	0	65	509	213249
6/26/23 3:30	0	65	509	213249
6/26/23 4:00	0	65	509	213249
6/26/23 4:30	0	65	509	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/26/23 5:00	0	65	509	213249
6/26/23 5:30	0	65	509	213249
6/26/23 6:00	0	65	508	213249
6/26/23 6:30	0	65	508	213249
6/26/23 7:00	0	65	508	213249
6/26/23 7:30	0	65	508	213249
6/26/23 8:00	0	65	508	213249
6/26/23 8:30	0	65	508	213249
6/26/23 9:00	0	65	509	213249
6/26/23 9:30	0	65	509	213249
6/26/23 10:00	0	65	508	213249
6/26/23 10:30	0	65	508	213249
6/26/23 11:00	0	65	508	213249
6/26/23 11:30	0	65	508	213249
6/26/23 12:00	0	65	508	213249
6/26/23 12:30	0	66	508	213249
6/26/23 13:00	0	66	508	213249
6/26/23 13:30	0	66	508	213249
6/26/23 14:00	0	66	508	213249
6/26/23 14:30	0	66	508	213249
6/26/23 15:00	0	66	508	213249
6/26/23 15:30	0	67	508	213249
6/26/23 16:00	0	67	507	213249
6/26/23 16:30	0	67	507	213249
6/26/23 17:00	0	67	507	213249
6/26/23 17:30	0	67	507	213249
6/26/23 18:00	0	67	507	213249
6/26/23 18:30	0	67	507	213249
6/26/23 19:00	0	67	507	213249
6/26/23 19:30	0	67	507	213249
6/26/23 20:00	0	67	507	213249
6/26/23 20:30	0	68	507	213249
6/26/23 21:00	0	68	507	213249
6/26/23 21:30	0	68	507	213249
6/26/23 22:00	0	68	507	213249
6/26/23 22:30	0	68	507	213249
6/26/23 23:00	0	68	507	213249
6/26/23 23:30	0	68	507	213249
6/27/23 0:00	0	68	507	213249
6/27/23 0:30	0	68	507	213249
6/27/23 1:00	0	68	507	213249
6/27/23 1:30	0	68	507	213249
6/27/23 2:00	0	68	507	213249
6/27/23 2:30	0	68	507	213249
6/27/23 3:00	0	68	507	213249
6/27/23 3:30	0	68	506	213249
6/27/23 4:00	0	68	506	213249
6/27/23 4:30	0	68	507	213249
6/27/23 5:00	0	68	506	213249
6/27/23 5:30	0	68	506	213249
6/27/23 6:00	0	68	506	213249
6/27/23 6:30	0	68	506	213249
6/27/23 7:00	0	68	506	213249
6/27/23 7:30	0	68	506	213249
6/27/23 8:00	0	68	506	213249
6/27/23 8:30	0	68	506	213249
6/27/23 9:00	0	68	506	213249
6/27/23 9:30	0	68	506	213249
6/27/23 10:00	0	68	506	213249
6/27/23 10:30	0	68	506	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/27/23 11:00	0	68	506	213249
6/27/23 11:30	0	68	507	213249
6/27/23 12:00	0	69	506	213249
6/27/23 12:30	0	69	506	213249
6/27/23 13:00	0	69	506	213249
6/27/23 13:30	0	69	506	213249
6/27/23 14:00	0	69	506	213249
6/27/23 14:30	0	69	506	213249
6/27/23 15:00	0	69	505	213249
6/27/23 15:30	0	69	506	213249
6/27/23 16:00	0	69	505	213249
6/27/23 16:30	0	70	506	213249
6/27/23 17:00	0	70	505	213249
6/27/23 17:30	0	70	505	213249
6/27/23 18:00	0	70	505	213249
6/27/23 18:30	0	70	505	213249
6/27/23 19:00	0	70	505	213249
6/27/23 19:30	0	70	505	213249
6/27/23 20:00	0	70	505	213249
6/27/23 20:30	0	70	505	213249
6/27/23 21:00	0	70	505	213249
6/27/23 21:30	0	70	505	213249
6/27/23 22:00	0	70	505	213249
6/27/23 22:30	0	70	505	213249
6/27/23 23:00	0	70	505	213249
6/27/23 23:30	0	70	505	213249
6/28/23 0:00	0	70	505	213249
6/28/23 0:30	0	70	505	213249
6/28/23 1:00	0	70	505	213249
6/28/23 1:30	0	70	505	213249
6/28/23 2:00	0	70	505	213249
6/28/23 2:30	0	70	505	213249
6/28/23 3:00	0	70	505	213249
6/28/23 3:30	0	70	505	213249
6/28/23 4:00	0	70	504	213249
6/28/23 4:30	0	70	504	213249
6/28/23 5:00	0	70	504	213249
6/28/23 5:30	0	70	504	213249
6/28/23 6:00	0	70	504	213249
6/28/23 6:30	0	70	504	213249
6/28/23 7:00	0	70	504	213249
6/28/23 7:30	0	70	504	213249
6/28/23 8:00	0	70	504	213249
6/28/23 8:30	0	70	504	213249
6/28/23 9:00	0	70	504	213249
6/28/23 9:30	0	70	505	213249
6/28/23 10:00	0	70	504	213249
6/28/23 10:30	0	71	504	213249
6/28/23 11:00	0	71	504	213249
6/28/23 11:30	0	71	504	213249
6/28/23 12:00	0	71	504	213249
6/28/23 12:30	0	71	504	213249
6/28/23 13:00	0	71	504	213249
6/28/23 13:30	0	71	504	213249
6/28/23 14:00	0	71	504	213249
6/28/23 14:30	0	71	504	213249
6/28/23 15:00	0	72	504	213249
6/28/23 15:30	0	72	504	213249
6/28/23 16:00	0	72	504	213249
6/28/23 16:30	0	72	504	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/28/23 17:00	0	72	504	213249
6/28/23 17:30	0	72	503	213249
6/28/23 18:00	0	72	503	213249
6/28/23 18:30	0	72	503	213249
6/28/23 19:00	0	72	503	213249
6/28/23 19:30	0	72	504	213249
6/28/23 20:00	0	72	504	213249
6/28/23 20:30	0	72	503	213249
6/28/23 21:00	0	73	503	213249
6/28/23 21:30	0	73	503	213249
6/28/23 22:00	0	73	503	213249
6/28/23 22:30	0	73	503	213249
6/28/23 23:00	0	73	503	213249
6/28/23 23:30	0	73	503	213249
6/29/23 0:00	0	73	503	213249
6/29/23 0:30	0	72	503	213249
6/29/23 1:00	0	72	503	213249
6/29/23 1:30	0	72	503	213249
6/29/23 2:00	0	72	503	213249
6/29/23 2:30	0	72	503	213249
6/29/23 3:00	0	72	503	213249
6/29/23 3:30	0	72	503	213249
6/29/23 4:00	0	72	503	213249
6/29/23 4:30	0	72	503	213249
6/29/23 5:00	0	72	503	213249
6/29/23 5:30	0	72	503	213249
6/29/23 6:00	0	72	503	213249
6/29/23 6:30	0	72	503	213249
6/29/23 7:00	0	72	503	213249
6/29/23 7:30	0	72	502	213249
6/29/23 8:00	0	72	502	213249
6/29/23 8:30	0	72	502	213249
6/29/23 9:00	0	72	503	213249
6/29/23 9:30	0	72	503	213249
6/29/23 10:00	0	72	503	213249
6/29/23 10:30	0	72	503	213249
6/29/23 11:00	0	72	503	213249
6/29/23 11:30	0	73	503	213249
6/29/23 12:00	0	73	502	213249
6/29/23 12:30	0	73	502	213249
6/29/23 13:00	0	73	502	213249
6/29/23 13:30	0	73	502	213249
6/29/23 14:00	0	73	502	213249
6/29/23 14:30	0	73	502	213249
6/29/23 15:00	0	73	502	213249
6/29/23 15:30	0	74	502	213249
6/29/23 16:00	0	74	502	213249
6/29/23 16:30	0	74	502	213249
6/29/23 17:00	0	74	502	213249
6/29/23 17:30	0	74	502	213249
6/29/23 18:00	0	74	502	213249
6/29/23 18:30	0	74	502	213249
6/29/23 19:00	0	74	502	213249
6/29/23 19:30	0	74	502	213249
6/29/23 20:00	0	74	502	213249
6/29/23 20:30	0	74	502	213249
6/29/23 21:00	0	74	502	213249
6/29/23 21:30	0	74	501	213249
6/29/23 22:00	0	74	501	213249
6/29/23 22:30	0	74	501	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
6/29/23 23:00	0	74	501	213249
6/29/23 23:30	0	74	501	213249
6/30/23 0:00	0	74	501	213249
6/30/23 0:30	0	74	501	213249
6/30/23 1:00	0	74	501	213249
6/30/23 1:30	0	74	501	213249
6/30/23 2:00	0	74	501	213249
6/30/23 2:30	0	74	501	213249
6/30/23 3:00	0	74	501	213249
6/30/23 3:30	0	74	501	213249
6/30/23 4:00	0	74	501	213249
6/30/23 4:30	0	74	501	213249
6/30/23 5:00	0	74	501	213249
6/30/23 5:30	0	74	501	213249
6/30/23 6:00	0	74	501	213249
6/30/23 6:30	0	74	501	213249
6/30/23 7:00	0	74	501	213249
6/30/23 7:30	0	74	501	213249
6/30/23 8:00	0	74	501	213249
6/30/23 8:30	0	74	501	213249
6/30/23 9:00	0	74	501	213249
6/30/23 9:30	0	74	501	213249
6/30/23 10:00	0	74	501	213249
6/30/23 10:30	0	74	501	213249
6/30/23 11:00	0	74	501	213249
6/30/23 11:30	0	74	501	213249
6/30/23 12:00	0	74	501	213249
6/30/23 12:30	0	74	501	213249
6/30/23 13:00	0	75	501	213249
6/30/23 13:30	0	75	501	213249
6/30/23 14:00	0	75	501	213249
6/30/23 14:30	0	75	500	213249
6/30/23 15:00	0	75	500	213249
6/30/23 15:30	0	75	500	213249
6/30/23 16:00	0	75	500	213249
6/30/23 16:30	0	75	500	213249
6/30/23 17:00	0	75	500	213249
6/30/23 17:30	0	75	500	213249
6/30/23 18:00	0	75	500	213249
6/30/23 18:30	0	76	500	213249
6/30/23 19:00	0	76	500	213249
6/30/23 19:30	0	76	500	213249
6/30/23 20:00	0	76	500	213249
6/30/23 20:30	0	76	500	213249
6/30/23 21:00	0	76	500	213249
6/30/23 21:30	0	76	500	213249
6/30/23 22:00	0	76	500	213249
6/30/23 22:30	0	76	500	213249
6/30/23 23:00	0	76	500	213249
6/30/23 23:30	0	76	500	213249

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)

Injection Well Operational Log

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
7/19/23 17:00		91	486	213249
7/19/23 17:30		91	486	213249
7/19/23 18:00		91	486	213249
7/19/23 18:30		91	486	213249
7/19/23 19:00		91	486	213249
7/19/23 19:30		91	486	213249
7/19/23 20:00		91	486	213249
7/19/23 20:30		91	486	213249
7/19/23 21:00		91	486	213249
7/19/23 21:30		91	486	213249
7/19/23 22:00		91	486	213249
7/19/23 22:30		91	486	213249
7/19/23 23:00		91	486	213249
7/19/23 23:30		91	486	213249
7/20/23 0:00		91	486	213249
7/20/23 0:30		91	486	213249
7/20/23 1:00		91	486	213249
7/20/23 1:30		91	486	213249
7/20/23 2:00		91	486	213249
7/20/23 2:30		91	486	213249
7/20/23 3:00		91	486	213249
7/20/23 3:30		91	486	213249
7/20/23 4:00		91	486	213249
7/20/23 4:30		91	486	213249
7/20/23 5:00		-6	-6	213249
7/20/23 5:30		91	486	213249
7/20/23 6:00		91	486	213249
7/20/23 6:30		90	486	213249
7/20/23 7:00		90	486	213249
7/20/23 7:30		91	486	213249
7/20/23 8:00		90	486	213249
7/20/23 8:30		91	486	213249
7/20/23 9:00		90	486	213249
7/20/23 9:30		90	486	213249
7/20/23 10:00		90	486	213249
7/20/23 10:30		91	486	213249
7/20/23 11:00		91	486	213249
7/20/23 11:30		91	486	213249
7/20/23 12:00		91	486	213249
7/20/23 12:30		91	486	213249
7/20/23 13:00		91	486	213249
7/20/23 13:30		91	486	213249
7/20/23 14:00		91	486	213249
7/20/23 14:30		91	486	213249
7/20/23 15:00		91	486	213249
7/20/23 15:30		91	486	213249
7/20/23 16:00		91	486	213249
7/20/23 16:30		91	485	213249
7/20/23 17:00		91	486	213249
7/20/23 17:30		91	486	213249
7/20/23 18:00		92	486	213249
7/20/23 18:30		92	486	213249
7/20/23 19:00		92	486	213249
7/20/23 19:30		92	485	213249
7/20/23 20:00		92	485	213249
7/20/23 20:30		92	485	213249
7/20/23 21:00		92	485	213249
7/20/23 21:30		92	486	213249
7/20/23 22:00		92	485	213249
7/20/23 22:30		92	485	213249

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/5/23 5:00		99	472	212903
9/5/23 5:30		99	471	212903
9/5/23 6:00		99	471	212903
9/5/23 6:30		99	471	212903
9/5/23 7:00		99	471	212903
9/5/23 7:30		99	471	212903
9/5/23 8:00		99	472	212903
9/5/23 8:30		99	471	212903
9/5/23 9:00	47	111	610	212904
9/5/23 9:30		50	488	212908
9/5/23 10:00		55	480	212908
9/5/23 10:30		578	478	212908
9/5/23 11:00		-1	475	212908
9/5/23 11:30		6	475	212908
9/5/23 12:00		562	475	212908
9/5/23 12:30		4	519	212910
9/5/23 13:00		-2	-6	212910
9/5/23 13:30		2	-5	212910
9/5/23 14:00		5	-5	212910
9/5/23 14:30		9	-5	212910
9/5/23 15:00	31	-7	-6	212921
9/5/23 15:30	31	-7	782	212944
9/5/23 16:00	30	-7	829	212967
9/5/23 16:30	32	-7	865	212990
9/5/23 17:00	33	-7	894	213012
9/5/23 17:30	33	-7	916	213035
9/5/23 18:00	32	-7	933	213058
9/5/23 18:30	32	-7	946	213080
9/5/23 19:00	30	-7	959	213102
9/5/23 19:30	30	-7	972	213125
9/5/23 20:00	31	-7	982	213147
9/5/23 20:30	31	-7	990	213169
9/5/23 21:00	32	-7	998	213191
9/5/23 21:30	30	-7	1004	213213
9/5/23 22:00	32	-7	1013	213235
9/5/23 22:30	31	-7	1023	213257
9/5/23 23:00	30	-7	1029	213279
9/5/23 23:30	31	-7	1035	213301
9/6/23 0:00	32	-7	1042	213324
9/6/23 0:30	30	-7	1049	213346
9/6/23 1:00	31	-7	1054	213368
9/6/23 1:30	31	-7	1059	213391
9/6/23 2:00		-8	911	213408
9/6/23 2:30		-8	787	213408
9/6/23 3:00		-8	735	213408
9/6/23 3:30	28	-8	762	213409
9/6/23 4:00	28	-8	937	213430
9/6/23 4:30	29	-8	978	213451
9/6/23 5:00	31	-7	1003	213472
9/6/23 5:30	29	-7	1019	213493
9/6/23 6:00	30	-8	1030	213515
9/6/23 6:30	29	-7	1041	213536
9/6/23 7:00	28	-8	1051	213557
9/6/23 7:30	31	-7	1060	213579
9/6/23 8:00	30	-7	1068	213601
9/6/23 8:30	29	-7	1074	213622
9/6/23 9:00	29	-7	1079	213644
9/6/23 9:30	30	-7	1084	213666
9/6/23 10:00	30	-7	1086	213687
9/6/23 10:30	30	-7	1091	213709

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/6/23 11:00	29	-7	1094	213730
9/6/23 11:30	31	-7	1101	213752
9/6/23 12:00	31	-7	1105	213773
9/6/23 12:30	30	-7	1108	213795
9/6/23 13:00	31	-7	1111	213817
9/6/23 13:30	29	-7	1115	213838
9/6/23 14:00	30	-7	1119	213860
9/6/23 14:30	30	-7	1120	213882
9/6/23 15:00	30	-7	1122	213903
9/6/23 15:30	30	-7	1126	213924
9/6/23 16:00	30	-7	1128	213946
9/6/23 16:30	30	-7	1130	213967
9/6/23 17:00	29	-7	1128	213988
9/6/23 17:30	29	-7	1129	214009
9/6/23 18:00	27	-6	-6	214028
9/6/23 18:30	27	-7	1130	214051
9/6/23 19:00	28	-7	1131	214071
9/6/23 19:30	28	-7	1131	214092
9/6/23 20:00	27	-7	1133	214112
9/6/23 20:30	29	-7	1134	214133
9/6/23 21:00	29	-7	1136	214154
9/6/23 21:30	27	-7	1137	214174
9/6/23 22:00	29	-7	1140	214195
9/6/23 22:30	29	-7	1142	214215
9/6/23 23:00	29	-7	1146	214236
9/6/23 23:30	29	-7	1148	214256
9/7/23 0:00	29	-7	1150	214277
9/7/23 0:30	29	-7	1149	214297
9/7/23 1:00	28	-7	1151	214317
9/7/23 1:30	29	-7	1152	214338
9/7/23 2:00	28	-7	1154	214358
9/7/23 2:30	28	-7	1155	214379
9/7/23 3:00	28	-7	1157	214399
9/7/23 3:30	27	-7	1158	214419
9/7/23 4:00	29	-7	1160	214439
9/7/23 4:30	28	-7	1161	214459
9/7/23 5:00	28	-7	1163	214480
9/7/23 5:30	29	-7	1164	214500
9/7/23 6:00	28	-7	1167	214520
9/7/23 6:30	29	-7	1168	214540
9/7/23 7:00	28	-7	1170	214561
9/7/23 7:30	28	-7	1172	214581
9/7/23 8:00	28	-7	1173	214601
9/7/23 8:30	28	-7	1171	214622
9/7/23 9:00	27	-7	1171	214641
9/7/23 9:30	27	-7	1172	214661
9/7/23 10:00	27	-7	1172	214680
9/7/23 10:30	28	-7	1174	214700
9/7/23 11:00	27	-7	1175	214720
9/7/23 11:30	27	-7	1176	214739
9/7/23 12:00	27	-7	1177	214759
9/7/23 12:30	29	-7	1178	214778
9/7/23 13:00	26	-7	1179	214798
9/7/23 13:30	28	-7	1180	214817
9/7/23 14:00	28	-7	1182	214837
9/7/23 14:30	28	-7	1183	214857
9/7/23 15:00	27	-7	1182	214876
9/7/23 15:30	26	-7	1184	214895
9/7/23 16:00	26	-7	1185	214915
9/7/23 16:30	27	-7	1186	214934

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/7/23 17:00	26	-7	1187	214953
9/7/23 17:30	27	-7	1188	214973
9/7/23 18:00	27	-7	1189	214992
9/7/23 18:30	28	-7	1190	215011
9/7/23 19:00	28	-7	1192	215031
9/7/23 19:30	27	-7	1193	215050
9/7/23 20:00	27	-7	1194	215069
9/7/23 20:30	27	-7	-6	215088
9/7/23 21:00	28	-7	1197	215108
9/7/23 21:30	27	-7	1198	215127
9/7/23 22:00	27	-7	1199	215146
9/7/23 22:30	25	-7	1200	215166
9/7/23 23:00	27	-7	1201	215185
9/7/23 23:30	27	-7	1202	215204
9/8/23 0:00	27	-7	1203	215223
9/8/23 0:30	26	-7	1204	215242
9/8/23 1:00	27	-7	1205	215262
9/8/23 1:30	26	-7	1207	215281
9/8/23 2:00	27	-7	1208	215300
9/8/23 2:30	26	-7	1209	215319
9/8/23 3:00	28	-7	1216	215339
9/8/23 3:30	29	-7	1221	215359
9/8/23 4:00	28	-7	1223	215379
9/8/23 4:30	29	-7	1224	215399
9/8/23 5:00	28	-7	1226	215420
9/8/23 5:30	28	-7	1227	215440
9/8/23 6:00	28	-7	1229	215460
9/8/23 6:30	28	-7	1230	215480
9/8/23 7:00	27	-7	1232	215500
9/8/23 7:30	28	-7	1233	215521
9/8/23 8:00	28	-7	1234	215541
9/8/23 8:30	30	-7	1235	215561
9/8/23 9:00	28	-7	1237	215581
9/8/23 9:30	28	-7	1238	215601
9/8/23 10:00	28	-7	1239	215622
9/8/23 10:30	29	-7	1240	215642
9/8/23 11:00	26	-7	1240	215662
9/8/23 11:30	28	-7	1239	215681
9/8/23 12:00	27	-7	1239	215701
9/8/23 12:30	28	-7	1240	215720
9/8/23 13:00	28	-7	1241	215740
9/8/23 13:30	28	-7	1243	215759
9/8/23 14:00	27	-7	1243	215779
9/8/23 14:30	27	-7	1244	215799
9/8/23 15:00	27	-7	1244	215818
9/8/23 15:30	25	-7	1246	215838
9/8/23 16:00	27	-7	1247	215857
9/8/23 16:30	27	-7	1248	215877
9/8/23 17:00	27	-7	1248	215896
9/8/23 17:30	27	-7	1249	215915
9/8/23 18:00	28	-7	1250	215935
9/8/23 18:30		-7	1053	215940
9/8/23 19:00		-7	994	215940
9/8/23 19:30		-7	959	215940
9/8/23 20:00		-7	933	215940
9/8/23 20:30		-8	913	215940
9/8/23 21:00		-8	896	215940
9/8/23 21:30		-8	881	215940
9/8/23 22:00		-8	870	215940
9/8/23 22:30		-8	859	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/8/23 23:00		-8	849	215940
9/8/23 23:30		-8	841	215940
9/9/23 0:00		-8	832	215940
9/9/23 0:30		-8	825	215940
9/9/23 1:00		-8	819	215940
9/9/23 1:30		-8	813	215940
9/9/23 2:00		-8	806	215940
9/9/23 2:30		-8	801	215940
9/9/23 3:00		-8	796	215940
9/9/23 3:30		-8	791	215940
9/9/23 4:00		-8	787	215940
9/9/23 4:30		-8	782	215940
9/9/23 5:00		-8	778	215940
9/9/23 5:30		-8	774	215940
9/9/23 6:00		-8	770	215940
9/9/23 6:30		-8	767	215940
9/9/23 7:00		-8	763	215940
9/9/23 7:30		-8	760	215940
9/9/23 8:00		-8	757	215940
9/9/23 8:30		-8	754	215940
9/9/23 9:00		-8	751	215940
9/9/23 9:30		-6	748	215940
9/9/23 10:00		-8	745	215940
9/9/23 10:30		-8	742	215940
9/9/23 11:00		-8	740	215940
9/9/23 11:30		-8	737	215940
9/9/23 12:00		-8	735	215940
9/9/23 12:30		-8	732	215940
9/9/23 13:00		-8	730	215940
9/9/23 13:30		-8	728	215940
9/9/23 14:00		-8	725	215940
9/9/23 14:30		-8	724	215940
9/9/23 15:00		-8	720	215940
9/9/23 15:30		-8	719	215940
9/9/23 16:00		-8	717	215940
9/9/23 16:30		-8	715	215940
9/9/23 17:00		-8	713	215940
9/9/23 17:30		-8	711	215940
9/9/23 18:00		-8	710	215940
9/9/23 18:30		-8	708	215940
9/9/23 19:00		-8	706	215940
9/9/23 19:30		-7	705	215940
9/9/23 20:00		-7	703	215940
9/9/23 20:30		-7	701	215940
9/9/23 21:00		-7	700	215940
9/9/23 21:30		-7	698	215940
9/9/23 22:00		-7	697	215940
9/9/23 22:30		-7	-6	215940
9/9/23 23:00		-7	694	215940
9/9/23 23:30		-7	692	215940
9/10/23 0:00		-7	-6	215940
9/10/23 0:30		-7	690	215940
9/10/23 1:00		-7	688	215940
9/10/23 1:30		-7	687	215940
9/10/23 2:00		-7	686	215940
9/10/23 2:30		-7	685	215940
9/10/23 3:00		-7	683	215940
9/10/23 3:30		-6	682	215940
9/10/23 4:00		-6	681	215940
9/10/23 4:30		-6	680	215940

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/10/23 5:00		-6	679	215940
9/10/23 5:30		-6	677	215940
9/10/23 6:00		-6	676	215940
9/10/23 6:30		-6	675	215940
9/10/23 7:00		-6	-6	215940
9/10/23 7:30		-6	673	215940
9/10/23 8:00		-6	672	215940
9/10/23 8:30		-6	671	215940
9/10/23 9:00		-6	670	215940
9/10/23 9:30		-6	669	215940
9/10/23 10:00		-6	668	215940
9/10/23 10:30		-6	667	215940
9/10/23 11:00		-6	666	215940
9/10/23 11:30		-6	665	215940
9/10/23 12:00		-6	664	215940
9/10/23 12:30		-5	664	215940
9/10/23 13:00		-5	662	215940
9/10/23 13:30		-5	662	215940
9/10/23 14:00		-5	660	215940
9/10/23 14:30		-5	660	215940
9/10/23 15:00		-5	658	215940
9/10/23 15:30		-5	658	215940
9/10/23 16:00		-5	658	215940
9/10/23 16:30		-5	656	215940
9/10/23 17:00		-5	656	215940
9/10/23 17:30		-5	655	215940
9/10/23 18:00		-4	654	215940
9/10/23 18:30		-4	653	215940
9/10/23 19:00		-4	652	215940
9/10/23 19:30		-4	652	215940
9/10/23 20:00		-4	651	215940
9/10/23 20:30		-4	650	215940
9/10/23 21:00		-4	650	215940
9/10/23 21:30		-4	649	215940
9/10/23 22:00		-4	648	215940
9/10/23 22:30		-4	647	215940
9/10/23 23:00		-4	646	215940
9/10/23 23:30		-4	645	215940
9/11/23 0:00		-4	645	215940
9/11/23 0:30		-4	644	215940
9/11/23 1:00		-4	643	215940
9/11/23 1:30		-4	642	215940
9/11/23 2:00		-4	641	215940
9/11/23 2:30		-4	641	215940
9/11/23 3:00		-4	640	215940
9/11/23 3:30		-4	639	215940
9/11/23 4:00		-4	638	215940
9/11/23 4:30		-3	638	215940
9/11/23 5:00		-3	638	215940
9/11/23 5:30		-3	637	215940
9/11/23 6:00		-3	636	215940
9/11/23 6:30		-3	636	215940
9/11/23 7:00		-3	635	215940
9/11/23 7:30		-3	634	215940
9/11/23 8:00		-3	634	215940
9/11/23 8:30		-3	633	215940
9/11/23 9:00		-3	632	215940
9/11/23 9:30		-3	633	215940
9/11/23 10:00		-3	632	215940
9/11/23 10:30		-3	631	215940

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/15/23 5:00		8	576	215940
9/15/23 5:30		8	576	215940
9/15/23 6:00		8	576	215940
9/15/23 6:30		8	576	215940
9/15/23 7:00		8	575	215940
9/15/23 7:30		8	575	215940
9/15/23 8:00		9	575	215940
9/15/23 8:30		9	575	215940
9/15/23 9:00		9	575	215940
9/15/23 9:30		9	574	215940
9/15/23 10:00		9	575	215940
9/15/23 10:30		9	574	215940
9/15/23 11:00		9	574	215940
9/15/23 11:30		9	574	215940
9/15/23 12:00		9	574	215940
9/15/23 12:30		9	574	215940
9/15/23 13:00		10	573	215940
9/15/23 13:30		10	573	215940
9/15/23 14:00		10	573	215940
9/15/23 14:30		10	573	215940
9/15/23 15:00		10	572	215940
9/15/23 15:30		10	572	215940
9/15/23 16:00		10	573	215940
9/15/23 16:30		10	572	215940
9/15/23 17:00		10	571	215940
9/15/23 17:30		10	572	215940
9/15/23 18:00		10	573	215940
9/15/23 18:30		10	571	215940
9/15/23 19:00		10	572	215940
9/15/23 19:30		10	571	215940
9/15/23 20:00		10	571	215940
9/15/23 20:30		11	570	215940
9/15/23 21:00		11	571	215940
9/15/23 21:30		11	570	215940
9/15/23 22:00		10	570	215940
9/15/23 22:30		11	570	215940
9/15/23 23:00		11	570	215940
9/15/23 23:30		10	570	215940
9/16/23 0:00		10	570	215940
9/16/23 0:30		10	569	215940
9/16/23 1:00		10	569	215940
9/16/23 1:30		10	569	215940
9/16/23 2:00		10	569	215940
9/16/23 2:30		10	569	215940
9/16/23 3:00		10	569	215940
9/16/23 3:30		11	569	215940
9/16/23 4:00		11	568	215940
9/16/23 4:30		11	568	215940
9/16/23 5:00		11	568	215940
9/16/23 5:30		11	568	215940
9/16/23 6:00		11	568	215940
9/16/23 6:30		11	568	215940
9/16/23 7:00		11	567	215940
9/16/23 7:30		11	567	215940
9/16/23 8:00		11	567	215940
9/16/23 8:30		11	567	215940
9/16/23 9:00		11	567	215940
9/16/23 9:30		11	567	215940
9/16/23 10:00		11	567	215940
9/16/23 10:30		11	566	215940

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/18/23 23:00		17	552	215940
9/18/23 23:30		17	552	215940
9/19/23 0:00		17	551	215940
9/19/23 0:30		17	551	215940
9/19/23 1:00		17	551	215940
9/19/23 1:30		17	551	215940
9/19/23 2:00		17	551	215940
9/19/23 2:30		17	551	215940
9/19/23 3:00		17	551	215940
9/19/23 3:30		17	551	215940
9/19/23 4:00		17	551	215940
9/19/23 4:30		17	551	215940
9/19/23 5:00		17	551	215940
9/19/23 5:30		17	551	215940
9/19/23 6:00		17	550	215940
9/19/23 6:30		17	550	215940
9/19/23 7:00		17	550	215940
9/19/23 7:30		17	550	215940
9/19/23 8:00		17	550	215940
9/19/23 8:30		17	550	215940
9/19/23 9:00		17	550	215940
9/19/23 9:30		17	550	215940
9/19/23 10:00		17	550	215940
9/19/23 10:30		17	550	215940
9/19/23 11:00		17	550	215940
9/19/23 11:30		18	550	215940
9/19/23 12:00		18	550	215940
9/19/23 12:30		18	550	215940
9/19/23 13:00		18	549	215940
9/19/23 13:30		18	-6	215940
9/19/23 14:00		18	549	215940
9/19/23 14:30		18	549	215940
9/19/23 15:00		19	548	215940
9/19/23 15:30		19	549	215940
9/19/23 16:00		19	549	215940
9/19/23 16:30		19	549	215940
9/19/23 17:00		19	548	215940
9/19/23 17:30		19	548	215940
9/19/23 18:00		19	548	215940
9/19/23 18:30		19	548	215940
9/19/23 19:00		20	548	215940
9/19/23 19:30		19	548	215940
9/19/23 20:00		19	548	215940
9/19/23 20:30		19	548	215940
9/19/23 21:00		19	547	215940
9/19/23 21:30		19	547	215940
9/19/23 22:00		19	548	215940
9/19/23 22:30		19	547	215940
9/19/23 23:00		19	547	215940
9/19/23 23:30		19	547	215940
9/20/23 0:00		19	547	215940
9/20/23 0:30		19	547	215940
9/20/23 1:00		19	547	215940
9/20/23 1:30		19	547	215940
9/20/23 2:00		19	547	215940
9/20/23 2:30		19	547	215940
9/20/23 3:00		19	547	215940
9/20/23 3:30		19	547	215940
9/20/23 4:00		19	547	215940
9/20/23 4:30		19	546	215940

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

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

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

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

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

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

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

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

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

Injection Well Operational Log

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/1/23 0:00		32	518	216416
10/1/23 0:30		32	518	216416
10/1/23 1:00		32	518	216416
10/1/23 1:30		32	518	216416
10/1/23 2:00		32	518	216416
10/1/23 2:30		32	518	216416
10/1/23 3:00		32	518	216416
10/1/23 3:30		32	518	216416
10/1/23 4:00		32	518	216416
10/1/23 4:30		32	518	216416
10/1/23 5:00		32	518	216416
10/1/23 5:30		32	518	216416
10/1/23 6:00		32	518	216416
10/1/23 6:30		32	518	216416
10/1/23 7:00		32	518	216416
10/1/23 7:30		32	518	216416
10/1/23 8:00		32	518	216416
10/1/23 8:30		32	518	216416
10/1/23 9:00		32	518	216416
10/1/23 9:30		32	518	216416
10/1/23 10:00		32	518	216416
10/1/23 10:30		32	518	216416
10/1/23 11:00		32	518	216416
10/1/23 11:30		32	518	216416
10/1/23 12:00		32	518	216416
10/1/23 12:30		32	517	216416
10/1/23 13:00		33	517	216416
10/1/23 13:30		33	517	216416
10/1/23 14:00		33	517	216416
10/1/23 14:30		33	517	216416
10/1/23 15:00		33	518	216416
10/1/23 15:30		33	517	216416
10/1/23 16:00		33	517	216416
10/1/23 16:30		33	517	216416
10/1/23 17:00		33	517	216416
10/1/23 17:30		33	517	216416
10/1/23 18:00		33	517	216416
10/1/23 18:30		33	517	216416
10/1/23 19:00		33	517	216416
10/1/23 19:30		33	517	216416
10/1/23 20:00		33	517	216416
10/1/23 20:30		33	517	216416
10/1/23 21:00		33	517	216416
10/1/23 21:30		33	517	216416
10/1/23 22:00		33	517	216416
10/1/23 22:30		33	517	216416
10/1/23 23:00		33	517	216416
10/1/23 23:30		33	517	216416
10/2/23 0:00		33	517	216416
10/2/23 0:30		33	517	216416
10/2/23 1:00		33	517	216416
10/2/23 1:30		33	517	216416
10/2/23 2:00		33	517	216416
10/2/23 2:30		33	516	216416
10/2/23 3:00		33	516	216416
10/2/23 3:30		33	517	216416
10/2/23 4:00		33	516	216416
10/2/23 4:30		33	516	216416

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/3/23 11:00		32	515	216416
10/3/23 11:30		33	515	216416
10/3/23 12:00		33	514	216416
10/3/23 12:30		33	514	216416
10/3/23 13:00		33	515	216416
10/3/23 13:30		33	514	216416
10/3/23 14:00		33	515	216416
10/3/23 14:30		33	514	216416
10/3/23 15:00		33	514	216416
10/3/23 15:30		33	514	216416
10/3/23 16:00		34	514	216416
10/3/23 16:30		34	514	216416
10/3/23 17:00		34	514	216416
10/3/23 17:30		34	514	216416
10/3/23 18:00		34	514	216416
10/3/23 18:30		34	514	216416
10/3/23 19:00		34	514	216416
10/3/23 19:30		34	514	216416
10/3/23 20:00		34	514	216416
10/3/23 20:30		34	513	216416
10/3/23 21:00		34	514	216416
10/3/23 21:30		34	514	216416
10/3/23 22:00		33	514	216416
10/3/23 22:30		33	514	216416
10/3/23 23:00		33	514	216416
10/3/23 23:30		33	514	216416
10/4/23 0:00		33	514	216416
10/4/23 0:30		33	514	216416
10/4/23 1:00		33	514	216416
10/4/23 1:30		33	514	216416
10/4/23 2:00		33	514	216416
10/4/23 2:30		33	514	216416
10/4/23 3:00		33	513	216416
10/4/23 3:30		33	513	216416
10/4/23 4:00		33	513	216416
10/4/23 4:30		33	513	216416
10/4/23 5:00		33	513	216416
10/4/23 5:30		33	513	216416
10/4/23 6:00		33	513	216416
10/4/23 6:30		33	513	216416
10/4/23 7:00		33	513	216416
10/4/23 7:30		33	513	216416
10/4/23 8:00		33	513	216416
10/4/23 8:30		33	513	216416
10/4/23 9:00		33	513	216416
10/4/23 9:30		33	513	216416
10/4/23 10:00		33	514	216416
10/4/23 10:30		33	514	216416
10/4/23 11:00		33	514	216416
10/4/23 11:30		33	513	216416
10/4/23 12:00		33	513	216416
10/4/23 12:30		34	513	216416
10/4/23 13:00		34	513	216416
10/4/23 13:30		34	513	216416
10/4/23 14:00		34	513	216416
10/4/23 14:30		34	513	216416
10/4/23 15:00		34	513	216416
10/4/23 15:30		34	512	216416
10/4/23 16:00		34	512	216416
10/4/23 16:30		34	513	216416

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/9/23 17:00		37	507	216416
10/9/23 17:30		37	507	216416
10/9/23 18:00		37	507	216416
10/9/23 18:30		37	507	216416
10/9/23 19:00		37	507	216416
10/9/23 19:30		37	507	216416
10/9/23 20:00		37	506	216416
10/9/23 20:30		37	506	216416
10/9/23 21:00		37	507	216416
10/9/23 21:30		37	507	216416
10/9/23 22:00		37	507	216416
10/9/23 22:30		37	506	216416
10/9/23 23:00		37	507	216416
10/9/23 23:30		36	507	216416
10/10/23 0:00		36	506	216416
10/10/23 0:30		36	507	216416
10/10/23 1:00		36	506	216416
10/10/23 1:30		36	506	216416
10/10/23 2:00		36	506	216416
10/10/23 2:30		36	506	216416
10/10/23 3:00		36	506	216416
10/10/23 3:30		36	507	216416
10/10/23 4:00		36	506	216416
10/10/23 4:30		36	507	216416
10/10/23 5:00		36	507	216416
10/10/23 5:30		36	507	216416
10/10/23 6:00		36	506	216416
10/10/23 6:30		36	506	216416
10/10/23 7:00		36	507	216416
10/10/23 7:30		36	506	216416
10/10/23 8:00		36	507	216416
10/10/23 8:30		36	506	216416
10/10/23 9:00		36	506	216416
10/10/23 9:30		36	507	216416
10/10/23 10:00		36	507	216416
10/10/23 10:30		36	507	216416
10/10/23 11:00		36	506	216416
10/10/23 11:30		-1	506	216416
10/10/23 12:00	32.5	2	610	216417
10/10/23 12:30		-8	558	216448
10/10/23 13:00		-8	533	216448
10/10/23 13:30		-8	523	216448
10/10/23 14:00		-8	519	216448
10/10/23 14:30		-8	516	216448
10/10/23 15:00		-8	515	216448
10/10/23 15:30		-8	514	216448
10/10/23 16:00		-8	512	216448
10/10/23 16:30		-7	512	216448
10/10/23 17:00		-7	511	216448
10/10/23 17:30		-7	511	216448
10/10/23 18:00		-6	510	216448
10/10/23 18:30		-6	510	216448
10/10/23 19:00		-6	510	216448
10/10/23 19:30		-5	510	216448
10/10/23 20:00		-5	509	216448
10/10/23 20:30		-5	509	216448
10/10/23 21:00		-5	509	216448
10/10/23 21:30		-4	509	216448
10/10/23 22:00		-4	509	216448
10/10/23 22:30		-4	509	216448

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/12/23 5:00		3	506	216448
10/12/23 5:30		3	506	216448
10/12/23 6:00		3	505	216448
10/12/23 6:30		3	506	216448
10/12/23 7:00		3	505	216448
10/12/23 7:30		3	505	216448
10/12/23 8:00		3	505	216448
10/12/23 8:30		3	505	216448
10/12/23 9:00		3	505	216448
10/12/23 9:30		3	505	216448
10/12/23 10:00		3	506	216448
10/12/23 10:30		3	506	216448
10/12/23 11:00		3	506	216448
10/12/23 11:30		3	506	216448
10/12/23 12:00		3	505	216448
10/12/23 12:30		3	505	216448
10/12/23 13:00		3	505	216448
10/12/23 13:30		3	505	216448
10/12/23 14:00		3	505	216448
10/12/23 14:30		3	505	216448
10/12/23 15:00		3	505	216448
10/12/23 15:30		3	505	216448
10/12/23 16:00		4	505	216448
10/12/23 16:30		4	505	216448
10/12/23 17:00		4	505	216448
10/12/23 17:30		4	505	216448
10/12/23 18:00		4	505	216448
10/12/23 18:30		4	505	216448
10/12/23 19:00		4	505	216448
10/12/23 19:30		4	505	216448
10/12/23 20:00		4	505	216448
10/12/23 20:30		4	505	216448
10/12/23 21:00		4	505	216448
10/12/23 21:30		4	505	216448
10/12/23 22:00		4	505	216448
10/12/23 22:30		4	505	216448
10/12/23 23:00		4	505	216448
10/12/23 23:30		4	505	216448
10/13/23 0:00		4	505	216448
10/13/23 0:30		4	504	216448
10/13/23 1:00		4	504	216448
10/13/23 1:30		4	504	216448
10/13/23 2:00		4	505	216448
10/13/23 2:30		4	505	216448
10/13/23 3:00		4	504	216448
10/13/23 3:30		4	504	216448
10/13/23 4:00		4	504	216448
10/13/23 4:30		4	504	216448
10/13/23 5:00		4	504	216448
10/13/23 5:30		4	503	216448
10/13/23 6:00		4	503	216448
10/13/23 6:30		4	503	216448
10/13/23 7:00		4	504	216448
10/13/23 7:30		4	503	216448
10/13/23 8:00		4	503	216448
10/13/23 8:30		4	503	216448
10/13/23 9:00		4	503	216448
10/13/23 9:30		4	505	216448
10/13/23 10:00		4	505	216448
10/13/23 10:30		4	505	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/13/23 11:00		4	504	216448
10/13/23 11:30		4	504	216448
10/13/23 12:00		4	505	216448
10/13/23 12:30		4	504	216448
10/13/23 13:00		4	504	216448
10/13/23 13:30		4	504	216448
10/13/23 14:00		5	504	216448
10/13/23 14:30		5	504	216448
10/13/23 15:00		5	504	216448
10/13/23 15:30		5	504	216448
10/13/23 16:00		5	504	216448
10/13/23 16:30		5	504	216448
10/13/23 17:00		5	504	216448
10/13/23 17:30		5	504	216448
10/13/23 18:00		5	504	216448
10/13/23 18:30		5	503	216448
10/13/23 19:00		5	504	216448
10/13/23 19:30		5	504	216448
10/13/23 20:00		5	503	216448
10/13/23 20:30		5	503	216448
10/13/23 21:00		5	504	216448
10/13/23 21:30		5	504	216448
10/13/23 22:00		5	504	216448
10/13/23 22:30		5	504	216448
10/13/23 23:00		5	503	216448
10/13/23 23:30		5	503	216448
10/14/23 0:00		5	503	216448
10/14/23 0:30		5	504	216448
10/14/23 1:00		5	503	216448
10/14/23 1:30		5	503	216448
10/14/23 2:00		5	503	216448
10/14/23 2:30		5	504	216448
10/14/23 3:00		5	503	216448
10/14/23 3:30		5	503	216448
10/14/23 4:00		5	504	216448
10/14/23 4:30		5	503	216448
10/14/23 5:00		5	503	216448
10/14/23 5:30		5	502	216448
10/14/23 6:00		5	502	216448
10/14/23 6:30		5	503	216448
10/14/23 7:00		5	502	216448
10/14/23 7:30		5	502	216448
10/14/23 8:00		5	502	216448
10/14/23 8:30		5	503	216448
10/14/23 9:00		5	502	216448
10/14/23 9:30		5	503	216448
10/14/23 10:00		5	504	216448
10/14/23 10:30		5	504	216448
10/14/23 11:00		5	503	216448
10/14/23 11:30		5	503	216448
10/14/23 12:00		5	503	216448
10/14/23 12:30		5	503	216448
10/14/23 13:00		5	503	216448
10/14/23 13:30		5	504	216448
10/14/23 14:00		5	503	216448
10/14/23 14:30		5	503	216448
10/14/23 15:00		5	503	216448
10/14/23 15:30		6	503	216448
10/14/23 16:00		6	502	216448
10/14/23 16:30		6	502	216448

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

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

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

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

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

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
10/25/23 23:00		11	495	216448
10/25/23 23:30		11	494	216448
10/26/23 0:00		11	494	216448
10/26/23 0:30		11	494	216448
10/26/23 1:00		11	494	216448
10/26/23 1:30		11	494	216448
10/26/23 2:00		11	495	216448
10/26/23 2:30		11	494	216448
10/26/23 3:00		11	494	216448
10/26/23 3:30		11	494	216448
10/26/23 4:00		11	494	216448
10/26/23 4:30		11	494	216448
10/26/23 5:00		11	494	216448
10/26/23 5:30		11	493	216448
10/26/23 6:00		11	495	216448
10/26/23 6:30		11	494	216448
10/26/23 7:00		11	494	216448
10/26/23 7:30		11	494	216448
10/26/23 8:00		11	494	216448
10/26/23 8:30		11	493	216448
10/26/23 9:00		11	494	216448
10/26/23 9:30		11	494	216448
10/26/23 10:00		11	495	216448
10/26/23 10:30		11	495	216448
10/26/23 11:00		11	495	216448
10/26/23 11:30		11	494	216448
10/26/23 12:00		11	495	216448
10/26/23 12:30		11	494	216448
10/26/23 13:00		11	495	216448
10/26/23 13:30		11	494	216448
10/26/23 14:00		11	494	216448
10/26/23 14:30		11	494	216448
10/26/23 15:00		12	493	216448
10/26/23 15:30		12	494	216448
10/26/23 16:00		12	494	216448
10/26/23 16:30		12	494	216448
10/26/23 17:00		12	494	216448
10/26/23 17:30		12	494	216448
10/26/23 18:00		12	494	216448
10/26/23 18:30		12	494	216448
10/26/23 19:00		12	494	216448
10/26/23 19:30		12	494	216448
10/26/23 20:00		12	494	216448
10/26/23 20:30		12	494	216448
10/26/23 21:00		12	494	216448
10/26/23 21:30		12	494	216448
10/26/23 22:00		12	494	216448
10/26/23 22:30		12	494	216448
10/26/23 23:00		12	494	216448
10/26/23 23:30		12	494	216448
10/27/23 0:00		12	494	216448
10/27/23 0:30		12	494	216448
10/27/23 1:00		11	494	216448
10/27/23 1:30		12	494	216448
10/27/23 2:00		12	494	216448
10/27/23 2:30		12	494	216448
10/27/23 3:00		11	494	216448
10/27/23 3:30		11	494	216448
10/27/23 4:00		11	493	216448
10/27/23 4:30		11	494	216448

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/1/23 5:00		12	491	216448
11/1/23 5:30		12	490	216448
11/1/23 6:00		12	490	216448
11/1/23 6:30		12	490	216448
11/1/23 7:00		12	492	216448
11/1/23 7:30		12	491	216448
11/1/23 8:00		12	491	216448
11/1/23 8:30		12	491	216448
11/1/23 9:00		12	491	216448
11/1/23 9:30		12	490	216448
11/1/23 10:00		12	496	216448
11/1/23 10:30		12	495	216448
11/1/23 11:00		12	492	216448
11/1/23 11:30		12	491	216448
11/1/23 12:00		12	491	216448
11/1/23 12:30		12	491	216448
11/1/23 13:00		12	491	216448
11/1/23 13:30		12	491	216448
11/1/23 14:00		12	491	216448
11/1/23 14:30		12	491	216448
11/1/23 15:00		13	491	216448
11/1/23 15:30		13	491	216448
11/1/23 16:00		13	491	216448
11/1/23 16:30		13	491	216448
11/1/23 17:00		13	491	216448
11/1/23 17:30		13	491	216448
11/1/23 18:00		13	491	216448
11/1/23 18:30		13	490	216448
11/1/23 19:00		13	490	216448
11/1/23 19:30		13	490	216448
11/1/23 20:00		13	490	216448
11/1/23 20:30		13	490	216448
11/1/23 21:00		13	490	216448
11/1/23 21:30		13	491	216448
11/1/23 22:00		13	491	216448
11/1/23 22:30		13	491	216448
11/1/23 23:00		13	491	216448
11/1/23 23:30		13	491	216448
11/2/23 0:00		13	491	216448
11/2/23 0:30		13	491	216448
11/2/23 1:00		13	490	216448
11/2/23 1:30		13	490	216448
11/2/23 2:00		13	490	216448
11/2/23 2:30		13	490	216448
11/2/23 3:00		13	490	216448
11/2/23 3:30		13	490	216448
11/2/23 4:00		13	490	216448
11/2/23 4:30		13	490	216448
11/2/23 5:00		13	490	216448
11/2/23 5:30		13	490	216448
11/2/23 6:00		13	490	216448
11/2/23 6:30		12	490	216448
11/2/23 7:00		12	490	216448
11/2/23 7:30		12	489	216448
11/2/23 8:00		12	489	216448
11/2/23 8:30		12	489	216448
11/2/23 9:00		12	489	216448
11/2/23 9:30		12	489	216448
11/2/23 10:00		12	490	216448
11/2/23 10:30		12	491	216448

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

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

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

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

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

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

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

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

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/17/23 10:00		15	484	216448
11/17/23 10:30		15	485	216448
11/17/23 11:00		15	484	216448
11/17/23 11:30		15	484	216448
11/17/23 12:00		16	484	216448
11/17/23 12:30		16	484	216448
11/17/23 13:00		16	484	216448
11/17/23 13:30		16	484	216448
11/17/23 14:00		16	484	216448
11/17/23 14:30		16	484	216448
11/17/23 15:00		16	484	216448
11/17/23 15:30		16	484	216448
11/17/23 16:00		16	484	216448
11/17/23 16:30		16	484	216448
11/17/23 17:00		16	484	216448
11/17/23 17:30		16	484	216448
11/17/23 18:00		16	484	216448
11/17/23 18:30		16	483	216448
11/17/23 19:00		16	483	216448
11/17/23 19:30		16	483	216448
11/17/23 20:00		16	484	216448
11/17/23 20:30		16	484	216448
11/17/23 21:00		16	484	216448
11/17/23 21:30		16	484	216448
11/17/23 22:00		16	484	216448
11/17/23 22:30		16	484	216448
11/17/23 23:00		16	484	216448
11/17/23 23:30		16	484	216448
11/18/23 0:00		16	484	216448
11/18/23 0:30		16	484	216448
11/18/23 1:00		16	484	216448
11/18/23 1:30		16	483	216448
11/18/23 2:00		16	483	216448
11/18/23 2:30		16	483	216448
11/18/23 3:00		16	484	216448
11/18/23 3:30		16	484	216448
11/18/23 4:00		16	483	216448
11/18/23 4:30		16	483	216448
11/18/23 5:00		16	483	216448
11/18/23 5:30		16	484	216448
11/18/23 6:00		16	484	216448
11/18/23 6:30		16	483	216448
11/18/23 7:00		16	483	216448
11/18/23 7:30		16	484	216448
11/18/23 8:00		16	484	216448
11/18/23 8:30		16	483	216448
11/18/23 9:00		16	483	216448
11/18/23 9:30		16	484	216448
11/18/23 10:00		16	484	216448
11/18/23 10:30		16	484	216448
11/18/23 11:00		16	484	216448
11/18/23 11:30		16	484	216448
11/18/23 12:00		16	484	216448
11/18/23 12:30		16	484	216448
11/18/23 13:00		16	484	216448
11/18/23 13:30		16	484	216448
11/18/23 14:00		16	484	216448
11/18/23 14:30		16	483	216448
11/18/23 15:00		16	483	216448
11/18/23 15:30		16	483	216448

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

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/24/23 22:00		16	481	216448
11/24/23 22:30		16	481	216448
11/24/23 23:00		16	481	216448
11/24/23 23:30		16	481	216448
11/25/23 0:00		16	481	216448
11/25/23 0:30		16	481	216448
11/25/23 1:00		16	481	216448
11/25/23 1:30		16	481	216448
11/25/23 2:00		16	481	216448
11/25/23 2:30		16	481	216448
11/25/23 3:00		16	481	216448
11/25/23 3:30		16	481	216448
11/25/23 4:00		16	481	216448
11/25/23 4:30		16	481	216448
11/25/23 5:00		16	481	216448
11/25/23 5:30		16	481	216448
11/25/23 6:00		16	481	216448
11/25/23 6:30		16	481	216448
11/25/23 7:00		16	481	216448
11/25/23 7:30		16	481	216448
11/25/23 8:00		16	481	216448
11/25/23 8:30		16	481	216448
11/25/23 9:00		16	481	216448
11/25/23 9:30		16	481	216448
11/25/23 10:00		16	481	216448
11/25/23 10:30		16	481	216448
11/25/23 11:00		16	481	216448
11/25/23 11:30		16	481	216448
11/25/23 12:00		16	481	216448
11/25/23 12:30		16	481	216448
11/25/23 13:00		16	481	216448
11/25/23 13:30		16	482	216448
11/25/23 14:00		16	481	216448
11/25/23 14:30		16	481	216448
11/25/23 15:00		16	481	216448
11/25/23 15:30		16	481	216448
11/25/23 16:00		16	481	216448
11/25/23 16:30		16	481	216448
11/25/23 17:00		16	481	216448
11/25/23 17:30		16	481	216448
11/25/23 18:00		16	481	216448
11/25/23 18:30		16	481	216448
11/25/23 19:00		16	481	216448
11/25/23 19:30		16	481	216448
11/25/23 20:00		16	481	216448
11/25/23 20:30		16	481	216448
11/25/23 21:00		16	481	216448
11/25/23 21:30		16	481	216448
11/25/23 22:00		16	481	216448
11/25/23 22:30		16	481	216448
11/25/23 23:00		16	481	216448
11/25/23 23:30		16	480	216448
11/26/23 0:00		16	480	216448
11/26/23 0:30		16	480	216448
11/26/23 1:00		16	480	216448
11/26/23 1:30		16	480	216448
11/26/23 2:00		16	480	216448
11/26/23 2:30		16	480	216448
11/26/23 3:00		16	480	216448
11/26/23 3:30		16	480	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
11/26/23 4:00		16	480	216448
11/26/23 4:30		16	480	216448
11/26/23 5:00		16	480	216448
11/26/23 5:30		16	481	216448
11/26/23 6:00		16	481	216448
11/26/23 6:30		16	481	216448
11/26/23 7:00		16	480	216448
11/26/23 7:30		16	480	216448
11/26/23 8:00		16	481	216448
11/26/23 8:30		16	481	216448
11/26/23 9:00		16	481	216448
11/26/23 9:30		16	483	216448
11/26/23 10:00		16	483	216448
11/26/23 10:30		16	481	216448
11/26/23 11:00		16	481	216448
11/26/23 11:30		16	481	216448
11/26/23 12:00		16	481	216448
11/26/23 12:30		16	481	216448
11/26/23 13:00		16	481	216448
11/26/23 13:30		16	481	216448
11/26/23 14:00		16	480	216448
11/26/23 14:30		16	480	216448
11/26/23 15:00		16	480	216448
11/26/23 15:30		16	480	216448
11/26/23 16:00		16	481	216448
11/26/23 16:30		16	481	216448
11/26/23 17:00		16	481	216448
11/26/23 17:30		16	481	216448
11/26/23 18:00		16	480	216448
11/26/23 18:30		16	480	216448
11/26/23 19:00		16	480	216448
11/26/23 19:30		16	480	216448
11/26/23 20:00		16	480	216448
11/26/23 20:30		16	480	216448
11/26/23 21:00		16	480	216448
11/26/23 21:30		16	480	216448
11/26/23 22:00		16	480	216448
11/26/23 22:30		16	480	216448
11/26/23 23:00		16	480	216448
11/26/23 23:30		16	480	216448
11/27/23 0:00		16	480	216448
11/27/23 0:30		16	480	216448
11/27/23 1:00		16	480	216448
11/27/23 1:30		16	480	216448
11/27/23 2:00		16	480	216448
11/27/23 2:30		16	480	216448
11/27/23 3:00		16	480	216448
11/27/23 3:30		16	480	216448
11/27/23 4:00		16	480	216448
11/27/23 4:30		16	480	216448
11/27/23 5:00		16	480	216448
11/27/23 5:30		16	481	216448
11/27/23 6:00		16	480	216448
11/27/23 6:30		16	480	216448
11/27/23 7:00		16	480	216448
11/27/23 7:30		16	480	216448
11/27/23 8:00		16	479	216448
11/27/23 8:30		16	480	216448
11/27/23 9:00		16	480	216448
11/27/23 9:30		16	480	216448

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/1/23 4:00		16	479	216448
12/1/23 4:30		16	479	216448
12/1/23 5:00		16	479	216448
12/1/23 5:30		16	479	216448
12/1/23 6:00		16	479	216448
12/1/23 6:30		16	479	216448
12/1/23 7:00		16	479	216448
12/1/23 7:30		16	479	216448
12/1/23 8:00		16	479	216448
12/1/23 8:30		16	479	216448
12/1/23 9:00		16	479	216448
12/1/23 9:30		16	479	216448
12/1/23 10:00		16	479	216448
12/1/23 10:30		16	479	216448
12/1/23 11:00		16	480	216448
12/1/23 11:30		16	480	216448
12/1/23 12:00		16	479	216448
12/1/23 12:30		16	479	216448
12/1/23 13:00		16	479	216448
12/1/23 13:30		17	479	216448
12/1/23 14:00		17	479	216448
12/1/23 14:30		17	479	216448
12/1/23 15:00		17	480	216448
12/1/23 15:30		17	479	216448
12/1/23 16:00		17	479	216448
12/1/23 16:30		17	479	216448
12/1/23 17:00		17	479	216448
12/1/23 17:30		17	479	216448
12/1/23 18:00		17	479	216448
12/1/23 18:30		17	479	216448
12/1/23 19:00		17	479	216448
12/1/23 19:30		17	479	216448
12/1/23 20:00		17	479	216448
12/1/23 20:30		16	479	216448
12/1/23 21:00		16	479	216448
12/1/23 21:30		17	479	216448
12/1/23 22:00		17	479	216448
12/1/23 22:30		17	479	216448
12/1/23 23:00		16	479	216448
12/1/23 23:30		16	479	216448
12/2/23 0:00		17	479	216448
12/2/23 0:30		16	479	216448
12/2/23 1:00		16	479	216448
12/2/23 1:30		16	479	216448
12/2/23 2:00		16	479	216448
12/2/23 2:30		16	479	216448
12/2/23 3:00		16	479	216448
12/2/23 3:30		16	479	216448
12/2/23 4:00		16	479	216448
12/2/23 4:30		16	479	216448
12/2/23 5:00		16	479	216448
12/2/23 5:30		16	479	216448
12/2/23 6:00		16	479	216448
12/2/23 6:30		16	479	216448
12/2/23 7:00		16	479	216448
12/2/23 7:30		16	479	216448
12/2/23 8:00		16	479	216448
12/2/23 8:30		16	479	216448
12/2/23 9:00		16	478	216448
12/2/23 9:30		16	479	216448

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

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

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

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

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

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/8/23 16:00		17	477	216448
12/8/23 16:30		17	477	216448
12/8/23 17:00		17	477	216448
12/8/23 17:30		17	477	216448
12/8/23 18:00		17	477	216448
12/8/23 18:30		17	477	216448
12/8/23 19:00		17	477	216448
12/8/23 19:30		17	477	216448
12/8/23 20:00		17	477	216448
12/8/23 20:30		17	477	216448
12/8/23 21:00		17	477	216448
12/8/23 21:30		17	477	216448
12/8/23 22:00		17	477	216448
12/8/23 22:30		17	477	216448
12/8/23 23:00		17	477	216448
12/8/23 23:30		17	477	216448
12/9/23 0:00		17	477	216448
12/9/23 0:30		17	477	216448
12/9/23 1:00		17	477	216448
12/9/23 1:30		17	477	216448
12/9/23 2:00		17	477	216448
12/9/23 2:30		17	477	216448
12/9/23 3:00		17	477	216448
12/9/23 3:30		17	476	216448
12/9/23 4:00		17	476	216448
12/9/23 4:30		17	476	216448
12/9/23 5:00		17	476	216448
12/9/23 5:30		17	477	216448
12/9/23 6:00		17	476	216448
12/9/23 6:30		17	476	216448
12/9/23 7:00		17	476	216448
12/9/23 7:30		17	476	216448
12/9/23 8:00		17	476	216448
12/9/23 8:30		17	478	216448
12/9/23 9:00		17	477	216448
12/9/23 9:30		17	477	216448
12/9/23 10:00		17	479	216448
12/9/23 10:30		17	479	216448
12/9/23 11:00		18	477	216448
12/9/23 11:30		17	477	216448
12/9/23 12:00		17	477	216448
12/9/23 12:30		17	477	216448
12/9/23 13:00		17	477	216448
12/9/23 13:30		17	477	216448
12/9/23 14:00		17	477	216448
12/9/23 14:30		17	477	216448
12/9/23 15:00		17	477	216448
12/9/23 15:30		17	477	216448
12/9/23 16:00		17	477	216448
12/9/23 16:30		17	477	216448
12/9/23 17:00		17	476	216448
12/9/23 17:30		17	476	216448
12/9/23 18:00		17	476	216448
12/9/23 18:30		17	476	216448
12/9/23 19:00		17	476	216448
12/9/23 19:30		17	476	216448
12/9/23 20:00		17	476	216448
12/9/23 20:30		17	476	216448
12/9/23 21:00		17	476	216448
12/9/23 21:30		17	476	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/9/23 22:00		17	476	216448
12/9/23 22:30		17	476	216448
12/9/23 23:00		17	476	216448
12/9/23 23:30		17	476	216448
12/10/23 0:00		17	476	216448
12/10/23 0:30		17	476	216448
12/10/23 1:00		17	476	216448
12/10/23 1:30		17	476	216448
12/10/23 2:00		17	476	216448
12/10/23 2:30		17	476	216448
12/10/23 3:00		17	476	216448
12/10/23 3:30		17	476	216448
12/10/23 4:00		17	476	216448
12/10/23 4:30		17	476	216448
12/10/23 5:00		17	476	216448
12/10/23 5:30		17	476	216448
12/10/23 6:00		17	476	216448
12/10/23 6:30		17	476	216448
12/10/23 7:00		17	476	216448
12/10/23 7:30		17	476	216448
12/10/23 8:00		17	475	216448
12/10/23 8:30		17	475	216448
12/10/23 9:00		17	475	216448
12/10/23 9:30		17	476	216448
12/10/23 10:00		17	479	216448
12/10/23 10:30		17	483	216448
12/10/23 11:00		17	482	216448
12/10/23 11:30		18	477	216448
12/10/23 12:00		17	477	216448
12/10/23 12:30		17	477	216448
12/10/23 13:00		17	477	216448
12/10/23 13:30		17	477	216448
12/10/23 14:00		17	477	216448
12/10/23 14:30		17	477	216448
12/10/23 15:00		17	477	216448
12/10/23 15:30		17	476	216448
12/10/23 16:00		17	476	216448
12/10/23 16:30		17	476	216448
12/10/23 17:00		17	476	216448
12/10/23 17:30		17	476	216448
12/10/23 18:00		17	476	216448
12/10/23 18:30		17	476	216448
12/10/23 19:00		17	476	216448
12/10/23 19:30		17	476	216448
12/10/23 20:00		17	476	216448
12/10/23 20:30		17	476	216448
12/10/23 21:00		17	476	216448
12/10/23 21:30		17	476	216448
12/10/23 22:00		17	476	216448
12/10/23 22:30		17	476	216448
12/10/23 23:00		17	476	216448
12/10/23 23:30		17	476	216448
12/11/23 0:00		17	476	216448
12/11/23 0:30		17	476	216448
12/11/23 1:00		17	476	216448
12/11/23 1:30		17	476	216448
12/11/23 2:00		17	476	216448
12/11/23 2:30		17	476	216448
12/11/23 3:00		17	476	216448
12/11/23 3:30		17	476	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/11/23 4:00		17	476	216448
12/11/23 4:30		17	476	216448
12/11/23 5:00		17	476	216448
12/11/23 5:30		17	476	216448
12/11/23 6:00		17	476	216448
12/11/23 6:30		17	476	216448
12/11/23 7:00		17	476	216448
12/11/23 7:30		17	476	216448
12/11/23 8:00		17	476	216448
12/11/23 8:30		17	476	216448
12/11/23 9:00		17	476	216448
12/11/23 9:30		17	476	216448
12/11/23 10:00		17	477	216448
12/11/23 10:30		17	479	216448
12/11/23 11:00		17	480	216448
12/11/23 11:30		17	477	216448
12/11/23 12:00		18	477	216448
12/11/23 12:30		17	477	216448
12/11/23 13:00		17	477	216448
12/11/23 13:30		17	477	216448
12/11/23 14:00		17	477	216448
12/11/23 14:30		17	476	216448
12/11/23 15:00		17	476	216448
12/11/23 15:30		17	476	216448
12/11/23 16:00		17	476	216448
12/11/23 16:30		17	476	216448
12/11/23 17:00		17	476	216448
12/11/23 17:30		17	476	216448
12/11/23 18:00		17	476	216448
12/11/23 18:30		17	476	216448
12/11/23 19:00		17	476	216448
12/11/23 19:30		17	476	216448
12/11/23 20:00		17	476	216448
12/11/23 20:30		17	476	216448
12/11/23 21:00		17	476	216448
12/11/23 21:30		17	476	216448
12/11/23 22:00		17	476	216448
12/11/23 22:30		17	476	216448
12/11/23 23:00		17	476	216448
12/11/23 23:30		17	476	216448
12/12/23 0:00		17	476	216448
12/12/23 0:30		17	476	216448
12/12/23 1:00		17	476	216448
12/12/23 1:30		17	476	216448
12/12/23 2:00		17	476	216448
12/12/23 2:30		17	476	216448
12/12/23 3:00		17	476	216448
12/12/23 3:30		17	476	216448
12/12/23 4:00		17	476	216448
12/12/23 4:30		17	476	216448
12/12/23 5:00		17	476	216448
12/12/23 5:30		17	476	216448
12/12/23 6:00		17	476	216448
12/12/23 6:30		17	476	216448
12/12/23 7:00		17	476	216448
12/12/23 7:30		17	476	216448
12/12/23 8:00		17	476	216448
12/12/23 8:30		17	476	216448
12/12/23 9:00		17	476	216448
12/12/23 9:30		17	476	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/12/23 10:00		17	476	216448
12/12/23 10:30		17	476	216448
12/12/23 11:00		17	476	216448
12/12/23 11:30		17	476	216448
12/12/23 12:00		17	476	216448
12/12/23 12:30		17	476	216448
12/12/23 13:00		17	476	216448
12/12/23 13:30		17	476	216448
12/12/23 14:00		17	476	216448
12/12/23 14:30		17	476	216448
12/12/23 15:00		17	476	216448
12/12/23 15:30		17	476	216448
12/12/23 16:00		17	476	216448
12/12/23 16:30		17	476	216448
12/12/23 17:00		17	476	216448
12/12/23 17:30		17	476	216448
12/12/23 18:00		17	476	216448
12/12/23 18:30		17	476	216448
12/12/23 19:00		17	476	216448
12/12/23 19:30		17	476	216448
12/12/23 20:00		17	476	216448
12/12/23 20:30		17	476	216448
12/12/23 21:00		17	476	216448
12/12/23 21:30		17	476	216448
12/12/23 22:00		17	476	216448
12/12/23 22:30		17	476	216448
12/12/23 23:00		17	476	216448
12/12/23 23:30		17	476	216448
12/13/23 0:00		17	476	216448
12/13/23 0:30		17	476	216448
12/13/23 1:00		17	476	216448
12/13/23 1:30		17	476	216448
12/13/23 2:00		17	476	216448
12/13/23 2:30		17	476	216448
12/13/23 3:00		17	476	216448
12/13/23 3:30		17	476	216448
12/13/23 4:00		17	476	216448
12/13/23 4:30		17	476	216448
12/13/23 5:00		17	476	216448
12/13/23 5:30		17	476	216448
12/13/23 6:00		17	476	216448
12/13/23 6:30		17	476	216448
12/13/23 7:00		17	476	216448
12/13/23 7:30		17	476	216448
12/13/23 8:00		17	476	216448
12/13/23 8:30		17	476	216448
12/13/23 9:00		17	476	216448
12/13/23 9:30		17	476	216448
12/13/23 10:00		17	476	216448
12/13/23 10:30		17	476	216448
12/13/23 11:00		17	476	216448
12/13/23 11:30		17	476	216448
12/13/23 12:00		17	476	216448
12/13/23 12:30		17	476	216448
12/13/23 13:00		18	476	216448
12/13/23 13:30		18	476	216448
12/13/23 14:00		18	476	216448
12/13/23 14:30		18	476	216448
12/13/23 15:00		18	476	216448
12/13/23 15:30		18	476	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/13/23 16:00		18	476	216448
12/13/23 16:30		18	476	216448
12/13/23 17:00		18	476	216448
12/13/23 17:30		18	476	216448
12/13/23 18:00		18	476	216448
12/13/23 18:30		18	475	216448
12/13/23 19:00		18	475	216448
12/13/23 19:30		18	476	216448
12/13/23 20:00		18	476	216448
12/13/23 20:30		18	476	216448
12/13/23 21:00		18	476	216448
12/13/23 21:30		18	476	216448
12/13/23 22:00		18	476	216448
12/13/23 22:30		18	476	216448
12/13/23 23:00		18	476	216448
12/13/23 23:30		18	476	216448
12/14/23 0:00		18	476	216448
12/14/23 0:30		18	475	216448
12/14/23 1:00		18	476	216448
12/14/23 1:30		18	475	216448
12/14/23 2:00		18	476	216448
12/14/23 2:30		18	476	216448
12/14/23 3:00		18	476	216448
12/14/23 3:30		18	475	216448
12/14/23 4:00		18	475	216448
12/14/23 4:30		18	475	216448
12/14/23 5:00		18	475	216448
12/14/23 5:30		18	475	216448
12/14/23 6:00		18	475	216448
12/14/23 6:30		18	475	216448
12/14/23 7:00		18	476	216448
12/14/23 7:30		18	476	216448
12/14/23 8:00		18	475	216448
12/14/23 8:30		18	475	216448
12/14/23 9:00		18	476	216448
12/14/23 9:30		18	476	216448
12/14/23 10:00		18	476	216448
12/14/23 10:30		18	476	216448
12/14/23 11:00		18	476	216448
12/14/23 11:30		18	476	216448
12/14/23 12:00		18	476	216448
12/14/23 12:30		18	476	216448
12/14/23 13:00		18	476	216448
12/14/23 13:30		18	476	216448
12/14/23 14:00		18	476	216448
12/14/23 14:30		18	476	216448
12/14/23 15:00		18	476	216448
12/14/23 15:30		18	476	216448
12/14/23 16:00		18	475	216448
12/14/23 16:30		18	475	216448
12/14/23 17:00		18	475	216448
12/14/23 17:30		18	476	216448
12/14/23 18:00		18	476	216448
12/14/23 18:30		18	475	216448
12/14/23 19:00		18	475	216448
12/14/23 19:30		18	475	216448
12/14/23 20:00		18	475	216448
12/14/23 20:30		18	475	216448
12/14/23 21:00		18	475	216448
12/14/23 21:30		18	475	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/14/23 22:00		18	475	216448
12/14/23 22:30		18	475	216448
12/14/23 23:00		18	475	216448
12/14/23 23:30		18	475	216448
12/15/23 0:00		18	475	216448
12/15/23 0:30		18	475	216448
12/15/23 1:00		18	475	216448
12/15/23 1:30		18	475	216448
12/15/23 2:00		18	475	216448
12/15/23 2:30		17	475	216448
12/15/23 3:00		17	475	216448
12/15/23 3:30		17	475	216448
12/15/23 4:00		17	475	216448
12/15/23 4:30		17	475	216448
12/15/23 5:00		17	475	216448
12/15/23 5:30		17	475	216448
12/15/23 6:00		17	475	216448
12/15/23 6:30		17	475	216448
12/15/23 7:00		17	475	216448
12/15/23 7:30		17	475	216448
12/15/23 8:00		17	475	216448
12/15/23 8:30		17	475	216448
12/15/23 9:00		18	475	216448
12/15/23 9:30		17	475	216448
12/15/23 10:00		18	475	216448
12/15/23 10:30		18	475	216448
12/15/23 11:00		18	475	216448
12/15/23 11:30		18	475	216448
12/15/23 12:00		18	476	216448
12/15/23 12:30		18	475	216448
12/15/23 13:00		18	475	216448
12/15/23 13:30		18	475	216448
12/15/23 14:00		18	475	216448
12/15/23 14:30		18	475	216448
12/15/23 15:00		18	475	216448
12/15/23 15:30		18	475	216448
12/15/23 16:00		18	475	216448
12/15/23 16:30		18	475	216448
12/15/23 17:00		18	475	216448
12/15/23 17:30		18	475	216448
12/15/23 18:00		18	475	216448
12/15/23 18:30		18	475	216448
12/15/23 19:00		18	475	216448
12/15/23 19:30		18	475	216448
12/15/23 20:00		18	475	216448
12/15/23 20:30		18	475	216448
12/15/23 21:00		18	475	216448
12/15/23 21:30		18	475	216448
12/15/23 22:00		18	475	216448
12/15/23 22:30		18	475	216448
12/15/23 23:00		18	475	216448
12/15/23 23:30		18	475	216448
12/16/23 0:00		18	475	216448
12/16/23 0:30		18	475	216448
12/16/23 1:00		18	475	216448
12/16/23 1:30		18	475	216448
12/16/23 2:00		18	475	216448
12/16/23 2:30		18	475	216448
12/16/23 3:00		18	475	216448
12/16/23 3:30		18	475	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/16/23 4:00		18	475	216448
12/16/23 4:30		17	475	216448
12/16/23 5:00		18	475	216448
12/16/23 5:30		17	475	216448
12/16/23 6:00		17	475	216448
12/16/23 6:30		17	475	216448
12/16/23 7:00		17	475	216448
12/16/23 7:30		17	475	216448
12/16/23 8:00		17	475	216448
12/16/23 8:30		17	475	216448
12/16/23 9:00		17	475	216448
12/16/23 9:30		17	475	216448
12/16/23 10:00		17	475	216448
12/16/23 10:30		17	475	216448
12/16/23 11:00		17	475	216448
12/16/23 11:30		17	475	216448
12/16/23 12:00		18	475	216448
12/16/23 12:30		18	475	216448
12/16/23 13:00		18	475	216448
12/16/23 13:30		18	476	216448
12/16/23 14:00		18	475	216448
12/16/23 14:30		18	475	216448
12/16/23 15:00		18	475	216448
12/16/23 15:30		18	475	216448
12/16/23 16:00		18	475	216448
12/16/23 16:30		18	475	216448
12/16/23 17:00		18	475	216448
12/16/23 17:30		18	475	216448
12/16/23 18:00		18	475	216448
12/16/23 18:30		18	475	216448
12/16/23 19:00		18	474	216448
12/16/23 19:30		18	475	216448
12/16/23 20:00		18	475	216448
12/16/23 20:30		18	475	216448
12/16/23 21:00		18	475	216448
12/16/23 21:30		18	475	216448
12/16/23 22:00		18	475	216448
12/16/23 22:30		18	475	216448
12/16/23 23:00		18	475	216448
12/16/23 23:30		18	475	216448
12/17/23 0:00		18	475	216448
12/17/23 0:30		18	475	216448
12/17/23 1:00		18	475	216448
12/17/23 1:30		18	475	216448
12/17/23 2:00		18	475	216448
12/17/23 2:30		18	475	216448
12/17/23 3:00		18	475	216448
12/17/23 3:30		18	475	216448
12/17/23 4:00		18	475	216448
12/17/23 4:30		18	474	216448
12/17/23 5:00		18	474	216448
12/17/23 5:30		18	474	216448
12/17/23 6:00		18	474	216448
12/17/23 6:30		18	474	216448
12/17/23 7:00		18	475	216448
12/17/23 7:30		17	474	216448
12/17/23 8:00		18	474	216448
12/17/23 8:30		18	474	216448
12/17/23 9:00		18	475	216448
12/17/23 9:30		18	474	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/17/23 10:00		18	475	216448
12/17/23 10:30		18	475	216448
12/17/23 11:00		18	475	216448
12/17/23 11:30		18	475	216448
12/17/23 12:00		18	475	216448
12/17/23 12:30		18	475	216448
12/17/23 13:00		18	475	216448
12/17/23 13:30		18	475	216448
12/17/23 14:00		18	475	216448
12/17/23 14:30		18	475	216448
12/17/23 15:00		18	475	216448
12/17/23 15:30		18	475	216448
12/17/23 16:00		18	475	216448
12/17/23 16:30		18	475	216448
12/17/23 17:00		18	475	216448
12/17/23 17:30		18	474	216448
12/17/23 18:00		18	474	216448
12/17/23 18:30		18	474	216448
12/17/23 19:00		18	474	216448
12/17/23 19:30		18	474	216448
12/17/23 20:00		18	474	216448
12/17/23 20:30		18	475	216448
12/17/23 21:00		18	475	216448
12/17/23 21:30		18	475	216448
12/17/23 22:00		18	475	216448
12/17/23 22:30		18	475	216448
12/17/23 23:00		18	475	216448
12/17/23 23:30		18	475	216448
12/18/23 0:00		18	475	216448
12/18/23 0:30		18	475	216448
12/18/23 1:00		18	474	216448
12/18/23 1:30		18	475	216448
12/18/23 2:00		18	474	216448
12/18/23 2:30		18	474	216448
12/18/23 3:00		18	474	216448
12/18/23 3:30		18	474	216448
12/18/23 4:00		18	474	216448
12/18/23 4:30		18	474	216448
12/18/23 5:00		18	474	216448
12/18/23 5:30		18	474	216448
12/18/23 6:00		18	474	216448
12/18/23 6:30		18	474	216448
12/18/23 7:00		18	474	216448
12/18/23 7:30		17	474	216448
12/18/23 8:00		18	475	216448
12/18/23 8:30		18	475	216448
12/18/23 9:00		18	475	216448
12/18/23 9:30		18	475	216448
12/18/23 10:00		18	475	216448
12/18/23 10:30		18	475	216448
12/18/23 11:00		18	475	216448
12/18/23 11:30		18	475	216448
12/18/23 12:00		18	475	216448
12/18/23 12:30		18	475	216448
12/18/23 13:00		18	475	216448
12/18/23 13:30		18	475	216448
12/18/23 14:00		18	475	216448
12/18/23 14:30		18	475	216448
12/18/23 15:00		18	475	216448
12/18/23 15:30		18	474	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/18/23 16:00		18	475	216448
12/18/23 16:30		18	475	216448
12/18/23 17:00		18	474	216448
12/18/23 17:30		18	474	216448
12/18/23 18:00		18	474	216448
12/18/23 18:30		18	474	216448
12/18/23 19:00		18	474	216448
12/18/23 19:30		18	474	216448
12/18/23 20:00		18	474	216448
12/18/23 20:30		18	474	216448
12/18/23 21:00		18	474	216448
12/18/23 21:30		18	474	216448
12/18/23 22:00		18	474	216448
12/18/23 22:30		18	474	216448
12/18/23 23:00		18	474	216448
12/18/23 23:30		18	474	216448
12/19/23 0:00		18	474	216448
12/19/23 0:30		18	474	216448
12/19/23 1:00		18	474	216448
12/19/23 1:30		18	474	216448
12/19/23 2:00		18	474	216448
12/19/23 2:30		18	474	216448
12/19/23 3:00		18	474	216448
12/19/23 3:30		18	474	216448
12/19/23 4:00		18	474	216448
12/19/23 4:30		18	474	216448
12/19/23 5:00		18	474	216448
12/19/23 5:30		18	474	216448
12/19/23 6:00		18	474	216448
12/19/23 6:30		18	474	216448
12/19/23 7:00		18	474	216448
12/19/23 7:30		18	474	216448
12/19/23 8:00		18	474	216448
12/19/23 8:30		18	474	216448
12/19/23 9:00		18	474	216448
12/19/23 9:30		18	474	216448
12/19/23 10:00		18	475	216448
12/19/23 10:30		18	475	216448
12/19/23 11:00		18	475	216448
12/19/23 11:30		18	475	216448
12/19/23 12:00		18	475	216448
12/19/23 12:30		18	475	216448
12/19/23 13:00		18	475	216448
12/19/23 13:30		18	475	216448
12/19/23 14:00		18	474	216448
12/19/23 14:30		18	474	216448
12/19/23 15:00		18	474	216448
12/19/23 15:30		18	474	216448
12/19/23 16:00		18	474	216448
12/19/23 16:30		18	474	216448
12/19/23 17:00		18	474	216448
12/19/23 17:30		18	474	216448
12/19/23 18:00		18	474	216448
12/19/23 18:30		18	474	216448
12/19/23 19:00		18	474	216448
12/19/23 19:30		18	474	216448
12/19/23 20:00		18	474	216448
12/19/23 20:30		18	474	216448
12/19/23 21:00		18	474	216448
12/19/23 21:30		18	474	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/19/23 22:00		18	474	216448
12/19/23 22:30		18	474	216448
12/19/23 23:00		18	474	216448
12/19/23 23:30		18	474	216448
12/20/23 0:00		18	474	216448
12/20/23 0:30		18	474	216448
12/20/23 1:00		18	474	216448
12/20/23 1:30		18	474	216448
12/20/23 2:00		18	474	216448
12/20/23 2:30		18	474	216448
12/20/23 3:00		18	474	216448
12/20/23 3:30		18	474	216448
12/20/23 4:00		18	474	216448
12/20/23 4:30		18	474	216448
12/20/23 5:00		18	474	216448
12/20/23 5:30		18	474	216448
12/20/23 6:00		18	474	216448
12/20/23 6:30		18	474	216448
12/20/23 7:00		18	474	216448
12/20/23 7:30		18	474	216448
12/20/23 8:00		18	474	216448
12/20/23 8:30		18	474	216448
12/20/23 9:00		18	474	216448
12/20/23 9:30		18	474	216448
12/20/23 10:00		18	474	216448
12/20/23 10:30		18	474	216448
12/20/23 11:00		18	474	216448
12/20/23 11:30		18	474	216448
12/20/23 12:00		18	474	216448
12/20/23 12:30		18	474	216448
12/20/23 13:00		18	474	216448
12/20/23 13:30		18	474	216448
12/20/23 14:00		18	474	216448
12/20/23 14:30		18	474	216448
12/20/23 15:00		18	474	216448
12/20/23 15:30		18	474	216448
12/20/23 16:00		18	474	216448
12/20/23 16:30		18	474	216448
12/20/23 17:00		18	474	216448
12/20/23 17:30		18	474	216448
12/20/23 18:00		18	474	216448
12/20/23 18:30		18	474	216448
12/20/23 19:00		18	474	216448
12/20/23 19:30		18	474	216448
12/20/23 20:00		18	474	216448
12/20/23 20:30		18	474	216448
12/20/23 21:00		18	474	216448
12/20/23 21:30		18	474	216448
12/20/23 22:00		18	474	216448
12/20/23 22:30		18	474	216448
12/20/23 23:00		18	474	216448
12/20/23 23:30		18	474	216448
12/21/23 0:00		18	474	216448
12/21/23 0:30		18	474	216448
12/21/23 1:00		18	474	216448
12/21/23 1:30		18	474	216448
12/21/23 2:00		18	474	216448
12/21/23 2:30		18	474	216448
12/21/23 3:00		18	474	216448
12/21/23 3:30		18	474	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/21/23 4:00		18	474	216448
12/21/23 4:30		18	474	216448
12/21/23 5:00		18	474	216448
12/21/23 5:30		18	474	216448
12/21/23 6:00		18	474	216448
12/21/23 6:30		18	474	216448
12/21/23 7:00		18	474	216448
12/21/23 7:30		18	474	216448
12/21/23 8:00		18	474	216448
12/21/23 8:30		18	474	216448
12/21/23 9:00		18	474	216448
12/21/23 9:30		18	474	216448
12/21/23 10:00		18	474	216448
12/21/23 10:30		18	474	216448
12/21/23 11:00		18	474	216448
12/21/23 11:30		18	474	216448
12/21/23 12:00		18	474	216448
12/21/23 12:30		18	474	216448
12/21/23 13:00		18	474	216448
12/21/23 13:30		18	474	216448
12/21/23 14:00		18	474	216448
12/21/23 14:30		18	474	216448
12/21/23 15:00		18	474	216448
12/21/23 15:30		18	474	216448
12/21/23 16:00		18	474	216448
12/21/23 16:30		18	474	216448
12/21/23 17:00		18	474	216448
12/21/23 17:30		18	474	216448
12/21/23 18:00		18	474	216448
12/21/23 18:30		18	473	216448
12/21/23 19:00		18	473	216448
12/21/23 19:30		18	473	216448
12/21/23 20:00		18	473	216448
12/21/23 20:30		18	474	216448
12/21/23 21:00		18	474	216448
12/21/23 21:30		18	474	216448
12/21/23 22:00		18	474	216448
12/21/23 22:30		18	474	216448
12/21/23 23:00		18	474	216448
12/21/23 23:30		18	474	216448
12/22/23 0:00		18	474	216448
12/22/23 0:30		18	474	216448
12/22/23 1:00		18	474	216448
12/22/23 1:30		18	474	216448
12/22/23 2:00		18	473	216448
12/22/23 2:30		18	474	216448
12/22/23 3:00		18	474	216448
12/22/23 3:30		18	473	216448
12/22/23 4:00		18	473	216448
12/22/23 4:30		18	473	216448
12/22/23 5:00		18	473	216448
12/22/23 5:30		18	474	216448
12/22/23 6:00		18	474	216448
12/22/23 6:30		18	474	216448
12/22/23 7:00		18	474	216448
12/22/23 7:30		18	474	216448
12/22/23 8:00		18	473	216448
12/22/23 8:30		18	473	216448
12/22/23 9:00		18	473	216448
12/22/23 9:30		18	474	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/22/23 10:00		18	474	216448
12/22/23 10:30		18	474	216448
12/22/23 11:00		18	474	216448
12/22/23 11:30		18	474	216448
12/22/23 12:00		18	474	216448
12/22/23 12:30		18	474	216448
12/22/23 13:00		18	474	216448
12/22/23 13:30		18	474	216448
12/22/23 14:00		18	474	216448
12/22/23 14:30		18	474	216448
12/22/23 15:00		18	474	216448
12/22/23 15:30		18	474	216448
12/22/23 16:00		18	474	216448
12/22/23 16:30		18	473	216448
12/22/23 17:00		18	473	216448
12/22/23 17:30		18	473	216448
12/22/23 18:00		18	474	216448
12/22/23 18:30		18	473	216448
12/22/23 19:00		18	473	216448
12/22/23 19:30		18	473	216448
12/22/23 20:00		18	474	216448
12/22/23 20:30		18	473	216448
12/22/23 21:00		18	474	216448
12/22/23 21:30		18	474	216448
12/22/23 22:00		18	474	216448
12/22/23 22:30		18	473	216448
12/22/23 23:00		18	474	216448
12/22/23 23:30		18	474	216448
12/23/23 0:00		18	473	216448
12/23/23 0:30		18	473	216448
12/23/23 1:00		18	474	216448
12/23/23 1:30		18	473	216448
12/23/23 2:00		18	473	216448
12/23/23 2:30		18	474	216448
12/23/23 3:00		18	474	216448
12/23/23 3:30		18	474	216448
12/23/23 4:00		18	473	216448
12/23/23 4:30		18	473	216448
12/23/23 5:00		18	473	216448
12/23/23 5:30		18	474	216448
12/23/23 6:00		18	474	216448
12/23/23 6:30		18	473	216448
12/23/23 7:00		18	474	216448
12/23/23 7:30		18	473	216448
12/23/23 8:00		18	474	216448
12/23/23 8:30		18	473	216448
12/23/23 9:00		18	473	216448
12/23/23 9:30		18	473	216448
12/23/23 10:00		18	474	216448
12/23/23 10:30		18	474	216448
12/23/23 11:00		18	474	216448
12/23/23 11:30		18	474	216448
12/23/23 12:00		18	474	216448
12/23/23 12:30		18	474	216448
12/23/23 13:00		18	474	216448
12/23/23 13:30		18	474	216448
12/23/23 14:00		18	474	216448
12/23/23 14:30		18	473	216448
12/23/23 15:00		18	473	216448
12/23/23 15:30		18	473	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/23/23 16:00		18	474	216448
12/23/23 16:30		18	473	216448
12/23/23 17:00		18	473	216448
12/23/23 17:30		18	473	216448
12/23/23 18:00		18	473	216448
12/23/23 18:30		18	473	216448
12/23/23 19:00		18	473	216448
12/23/23 19:30		18	473	216448
12/23/23 20:00		18	473	216448
12/23/23 20:30		18	473	216448
12/23/23 21:00		18	473	216448
12/23/23 21:30		18	473	216448
12/23/23 22:00		18	473	216448
12/23/23 22:30		18	473	216448
12/23/23 23:00		18	473	216448
12/23/23 23:30		18	473	216448
12/24/23 0:00		18	473	216448
12/24/23 0:30		18	473	216448
12/24/23 1:00		18	473	216448
12/24/23 1:30		18	473	216448
12/24/23 2:00		18	473	216448
12/24/23 2:30		18	473	216448
12/24/23 3:00		18	473	216448
12/24/23 3:30		18	473	216448
12/24/23 4:00		18	473	216448
12/24/23 4:30		18	473	216448
12/24/23 5:00		18	473	216448
12/24/23 5:30		18	473	216448
12/24/23 6:00		18	473	216448
12/24/23 6:30		18	473	216448
12/24/23 7:00		18	473	216448
12/24/23 7:30		18	473	216448
12/24/23 8:00		18	473	216448
12/24/23 8:30		18	473	216448
12/24/23 9:00		18	473	216448
12/24/23 9:30		18	473	216448
12/24/23 10:00		18	474	216448
12/24/23 10:30		18	474	216448
12/24/23 11:00		18	474	216448
12/24/23 11:30		18	474	216448
12/24/23 12:00		18	474	216448
12/24/23 12:30		18	474	216448
12/24/23 13:00		18	473	216448
12/24/23 13:30		18	473	216448
12/24/23 14:00		18	473	216448
12/24/23 14:30		18	473	216448
12/24/23 15:00		18	473	216448
12/24/23 15:30		18	473	216448
12/24/23 16:00		18	473	216448
12/24/23 16:30		18	473	216448
12/24/23 17:00		18	473	216448
12/24/23 17:30		18	473	216448
12/24/23 18:00		18	473	216448
12/24/23 18:30		18	473	216448
12/24/23 19:00		18	473	216448
12/24/23 19:30		18	473	216448
12/24/23 20:00		18	473	216448
12/24/23 20:30		18	473	216448
12/24/23 21:00		18	473	216448
12/24/23 21:30		18	473	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/24/23 22:00		18	473	216448
12/24/23 22:30		18	473	216448
12/24/23 23:00		18	473	216448
12/24/23 23:30		18	473	216448
12/25/23 0:00		18	473	216448
12/25/23 0:30		18	473	216448
12/25/23 1:00		18	473	216448
12/25/23 1:30		18	473	216448
12/25/23 2:00		18	473	216448
12/25/23 2:30		18	473	216448
12/25/23 3:00		18	473	216448
12/25/23 3:30		18	473	216448
12/25/23 4:00		18	473	216448
12/25/23 4:30		18	473	216448
12/25/23 5:00		18	472	216448
12/25/23 5:30		18	472	216448
12/25/23 6:00		18	472	216448
12/25/23 6:30		18	473	216448
12/25/23 7:00		18	473	216448
12/25/23 7:30		18	472	216448
12/25/23 8:00		18	472	216448
12/25/23 8:30		18	472	216448
12/25/23 9:00		18	472	216448
12/25/23 9:30		18	471	216448
12/25/23 10:00		18	473	216448
12/25/23 10:30		18	478	216448
12/25/23 11:00		18	483	216448
12/25/23 11:30		19	474	216448
12/25/23 12:00		16	474	216448
12/25/23 12:30		16	474	216448
12/25/23 13:00		16	473	216448
12/25/23 13:30		16	473	216448
12/25/23 14:00		16	473	216448
12/25/23 14:30		16	473	216448
12/25/23 15:00		16	473	216448
12/25/23 15:30		16	473	216448
12/25/23 16:00		16	473	216448
12/25/23 16:30		16	473	216448
12/25/23 17:00		16	473	216448
12/25/23 17:30		16	473	216448
12/25/23 18:00		16	473	216448
12/25/23 18:30		16	473	216448
12/25/23 19:00		16	473	216448
12/25/23 19:30		16	473	216448
12/25/23 20:00		16	473	216448
12/25/23 20:30		16	473	216448
12/25/23 21:00		16	473	216448
12/25/23 21:30		16	473	216448
12/25/23 22:00		16	473	216448
12/25/23 22:30		16	473	216448
12/25/23 23:00		16	473	216448
12/25/23 23:30		16	473	216448
12/26/23 0:00		16	473	216448
12/26/23 0:30		16	473	216448
12/26/23 1:00		16	473	216448
12/26/23 1:30		16	473	216448
12/26/23 2:00		16	473	216448
12/26/23 2:30		16	473	216448
12/26/23 3:00		16	473	216448
12/26/23 3:30		16	473	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/26/23 4:00		16	473	216448
12/26/23 4:30		16	472	216448
12/26/23 5:00		16	472	216448
12/26/23 5:30		16	472	216448
12/26/23 6:00		16	472	216448
12/26/23 6:30		16	472	216448
12/26/23 7:00		16	472	216448
12/26/23 7:30		16	474	216448
12/26/23 8:00		16	473	216448
12/26/23 8:30		16	473	216448
12/26/23 9:00		16	473	216448
12/26/23 9:30		16	473	216448
12/26/23 10:00		16	474	216448
12/26/23 10:30		16	476	216448
12/26/23 11:00		16	476	216448
12/26/23 11:30		16	473	216448
12/26/23 12:00		14	473	216448
12/26/23 12:30		14	473	216448
12/26/23 13:00		14	473	216448
12/26/23 13:30		14	473	216448
12/26/23 14:00		14	473	216448
12/26/23 14:30		14	473	216448
12/26/23 15:00		14	473	216448
12/26/23 15:30		14	473	216448
12/26/23 16:00		14	473	216448
12/26/23 16:30		14	473	216448
12/26/23 17:00		14	472	216448
12/26/23 17:30		14	472	216448
12/26/23 18:00		14	472	216448
12/26/23 18:30		14	472	216448
12/26/23 19:00		14	472	216448
12/26/23 19:30		14	472	216448
12/26/23 20:00		14	472	216448
12/26/23 20:30		14	472	216448
12/26/23 21:00		14	472	216448
12/26/23 21:30		14	473	216448
12/26/23 22:00		14	472	216448
12/26/23 22:30		14	472	216448
12/26/23 23:00		14	472	216448
12/26/23 23:30		14	472	216448
12/27/23 0:00		14	472	216448
12/27/23 0:30		14	472	216448
12/27/23 1:00		14	472	216448
12/27/23 1:30		14	472	216448
12/27/23 2:00		14	473	216448
12/27/23 2:30		14	472	216448
12/27/23 3:00		14	472	216448
12/27/23 3:30		14	472	216448
12/27/23 4:00		14	472	216448
12/27/23 4:30		14	472	216448
12/27/23 5:00		14	472	216448
12/27/23 5:30		14	472	216448
12/27/23 6:00		14	473	216448
12/27/23 6:30		14	472	216448
12/27/23 7:00		14	472	216448
12/27/23 7:30		14	472	216448
12/27/23 8:00		14	472	216448
12/27/23 8:30		14	472	216448
12/27/23 9:00		14	472	216448
12/27/23 9:30		14	472	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/27/23 10:00		14	473	216448
12/27/23 10:30		14	478	216448
12/27/23 11:00		15	478	216448
12/27/23 11:30		11	473	216448
12/27/23 12:00		14	473	216448
12/27/23 12:30		14	473	216448
12/27/23 13:00		14	473	216448
12/27/23 13:30		14	473	216448
12/27/23 14:00		14	473	216448
12/27/23 14:30		14	473	216448
12/27/23 15:00		14	472	216448
12/27/23 15:30		14	472	216448
12/27/23 16:00		13	472	216448
12/27/23 16:30		13	472	216448
12/27/23 17:00		13	472	216448
12/27/23 17:30		13	472	216448
12/27/23 18:00		13	472	216448
12/27/23 18:30		13	472	216448
12/27/23 19:00		13	472	216448
12/27/23 19:30		13	472	216448
12/27/23 20:00		13	472	216448
12/27/23 20:30		12	472	216448
12/27/23 21:00		13	472	216448
12/27/23 21:30		12	472	216448
12/27/23 22:00		12	472	216448
12/27/23 22:30		12	472	216448
12/27/23 23:00		12	472	216448
12/27/23 23:30		12	472	216448
12/28/23 0:00		12	472	216448
12/28/23 0:30		12	472	216448
12/28/23 1:00		12	472	216448
12/28/23 1:30		12	472	216448
12/28/23 2:00		13	472	216448
12/28/23 2:30		13	472	216448
12/28/23 3:00		13	472	216448
12/28/23 3:30		13	472	216448
12/28/23 4:00		13	472	216448
12/28/23 4:30		13	472	216448
12/28/23 5:00		13	472	216448
12/28/23 5:30		13	472	216448
12/28/23 6:00		13	472	216448
12/28/23 6:30		13	471	216448
12/28/23 7:00		13	471	216448
12/28/23 7:30		12	471	216448
12/28/23 8:00		12	471	216448
12/28/23 8:30		12	471	216448
12/28/23 9:00		12	471	216448
12/28/23 9:30		12	471	216448
12/28/23 10:00		12	473	216448
12/28/23 10:30		13	475	216448
12/28/23 11:00		13	477	216448
12/28/23 11:30		13	476	216448
12/28/23 12:00		13	473	216448
12/28/23 12:30		12	473	216448
12/28/23 13:00		12	473	216448
12/28/23 13:30		12	473	216448
12/28/23 14:00		12	472	216448
12/28/23 14:30		12	472	216448
12/28/23 15:00		12	472	216448
12/28/23 15:30		12	472	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/28/23 16:00		12	472	216448
12/28/23 16:30		11	472	216448
12/28/23 17:00		11	472	216448
12/28/23 17:30		7	472	216448
12/28/23 18:00		3	472	216448
12/28/23 18:30		3	472	216448
12/28/23 19:00		3	472	216448
12/28/23 19:30		3	472	216448
12/28/23 20:00		3	472	216448
12/28/23 20:30		3	472	216448
12/28/23 21:00		3	472	216448
12/28/23 21:30		3	472	216448
12/28/23 22:00		3	472	216448
12/28/23 22:30		3	472	216448
12/28/23 23:00		3	472	216448
12/28/23 23:30		3	472	216448
12/29/23 0:00		3	472	216448
12/29/23 0:30		3	472	216448
12/29/23 1:00		3	472	216448
12/29/23 1:30		3	471	216448
12/29/23 2:00		3	471	216448
12/29/23 2:30		3	471	216448
12/29/23 3:00		3	471	216448
12/29/23 3:30		3	471	216448
12/29/23 4:00		3	471	216448
12/29/23 4:30		3	471	216448
12/29/23 5:00		3	471	216448
12/29/23 5:30		3	471	216448
12/29/23 6:00		3	471	216448
12/29/23 6:30		3	471	216448
12/29/23 7:00		3	471	216448
12/29/23 7:30		3	471	216448
12/29/23 8:00		3	471	216448
12/29/23 8:30		3	471	216448
12/29/23 9:00		3	471	216448
12/29/23 9:30		3	471	216448
12/29/23 10:00		3	472	216448
12/29/23 10:30		3	476	216448
12/29/23 11:00		3	479	216448
12/29/23 11:30		3	481	216448
12/29/23 12:00		3	473	216448
12/29/23 12:30		3	472	216448
12/29/23 13:00		3	472	216448
12/29/23 13:30		3	472	216448
12/29/23 14:00		3	472	216448
12/29/23 14:30		3	472	216448
12/29/23 15:00		3	472	216448
12/29/23 15:30		3	472	216448
12/29/23 16:00		3	472	216448
12/29/23 16:30		3	472	216448
12/29/23 17:00		3	472	216448
12/29/23 17:30		3	472	216448
12/29/23 18:00		3	472	216448
12/29/23 18:30		3	472	216448
12/29/23 19:00		3	471	216448
12/29/23 19:30		3	471	216448
12/29/23 20:00		3	471	216448
12/29/23 20:30		3	472	216448
12/29/23 21:00		3	472	216448
12/29/23 21:30		3	472	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/29/23 22:00		3	472	216448
12/29/23 22:30		3	472	216448
12/29/23 23:00		3	472	216448
12/29/23 23:30		3	472	216448
12/30/23 0:00		3	472	216448
12/30/23 0:30		3	472	216448
12/30/23 1:00		3	472	216448
12/30/23 1:30		3	472	216448
12/30/23 2:00		3	472	216448
12/30/23 2:30		3	472	216448
12/30/23 3:00		3	472	216448
12/30/23 3:30		3	472	216448
12/30/23 4:00		3	472	216448
12/30/23 4:30		3	472	216448
12/30/23 5:00		3	473	216448
12/30/23 5:30		3	473	216448
12/30/23 6:00		3	472	216448
12/30/23 6:30		3	472	216448
12/30/23 7:00		3	472	216448
12/30/23 7:30		3	472	216448
12/30/23 8:00		3	472	216448
12/30/23 8:30		3	472	216448
12/30/23 9:00		3	471	216448
12/30/23 9:30		3	471	216448
12/30/23 10:00		3	474	216448
12/30/23 10:30		3	478	216448
12/30/23 11:00		3	478	216448
12/30/23 11:30		3	472	216448
12/30/23 12:00		3	472	216448
12/30/23 12:30		3	472	216448
12/30/23 13:00		3	472	216448
12/30/23 13:30		3	472	216448
12/30/23 14:00		3	472	216448
12/30/23 14:30		3	472	216448
12/30/23 15:00		3	472	216448
12/30/23 15:30		3	472	216448
12/30/23 16:00		3	472	216448
12/30/23 16:30		3	472	216448
12/30/23 17:00		3	472	216448
12/30/23 17:30		3	471	216448
12/30/23 18:00		3	471	216448
12/30/23 18:30		2	471	216448
12/30/23 19:00		2	471	216448
12/30/23 19:30		2	472	216448
12/30/23 20:00		2	472	216448
12/30/23 20:30		2	472	216448
12/30/23 21:00		2	472	216448
12/30/23 21:30		2	472	216448
12/30/23 22:00		2	472	216448
12/30/23 22:30		2	472	216448
12/30/23 23:00		2	472	216448
12/30/23 23:30		2	472	216448
12/31/23 0:00		2	472	216448
12/31/23 0:30		2	472	216448
12/31/23 1:00		2	471	216448
12/31/23 1:30		2	471	216448
12/31/23 2:00		2	471	216448
12/31/23 2:30		2	471	216448
12/31/23 3:00		2	471	216448
12/31/23 3:30		2	472	216448

Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
12/31/23 4:00		2	472	216448
12/31/23 4:30		2	472	216448
12/31/23 5:00		2	472	216448
12/31/23 5:30		2	472	216448
12/31/23 6:00		2	472	216448
12/31/23 6:30		2	472	216448
12/31/23 7:00		2	472	216448
12/31/23 7:30		2	472	216448
12/31/23 8:00		2	471	216448
12/31/23 8:30		2	471	216448
12/31/23 9:00		2	472	216448
12/31/23 9:30		2	471	216448
12/31/23 10:00		2	472	216448
12/31/23 10:30		2	472	216448
12/31/23 11:00		2	472	216448
12/31/23 11:30		2	472	216448
12/31/23 12:00		2	472	216448
12/31/23 12:30		2	472	216448
12/31/23 13:00		2	472	216448
12/31/23 13:30		2	472	216448
12/31/23 14:00		2	472	216448
12/31/23 14:30		2	472	216448
12/31/23 15:00		2	472	216448
12/31/23 15:30		2	472	216448
12/31/23 16:00		2	472	216448
12/31/23 16:30		2	471	216448
12/31/23 17:00		2	471	216448
12/31/23 17:30		2	471	216448
12/31/23 18:00		2	471	216448
12/31/23 18:30		2	471	216448
12/31/23 19:00		2	471	216448
12/31/23 19:30		2	471	216448
12/31/23 20:00		2	471	216448
12/31/23 20:30		2	471	216448
12/31/23 21:00		2	471	216448
12/31/23 21:30		2	471	216448
12/31/23 22:00		2	471	216448
12/31/23 22:30		2	471	216448
12/31/23 23:00		2	471	216448
12/31/23 23:30		2	471	216448

ATTACHMENT B

Quarterly Chemical Analysis Reports

- WDW-2 Waste
- Area Monitoring Wells

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 13, 2023

Gary Russell

Western Refining Southwest, Inc.
#50 CR 4990
Bloomfield, NM 87413
TEL: (505) 632-4135
FAX:

RE: Injection Well March 2023 OrderNo.: 2303A45

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/21/2023 for the analyses presented in the following report.

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

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

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

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2303A45**
Date Reported: **4/13/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well March 2023 **Collection Date:** 3/20/2023 10:30:00 AM
Lab ID: 2303A45-001 **Matrix:** AQUEOUS **Received Date:** 3/21/2023 6:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP						Analyst: **DAM**	
2-Methylphenol	ND	200		mg/L	1	3/31/2023 7:04:11 PM	73935
3+4-Methylphenol	ND	200		mg/L	1	3/31/2023 7:04:11 PM	73935
2,4-Dinitrotoluene	ND	0.13		mg/L	1	3/31/2023 7:04:11 PM	73935
Hexachlorobenzene	ND	0.13		mg/L	1	3/31/2023 7:04:11 PM	73935
Hexachlorobutadiene	ND	0.50		mg/L	1	3/31/2023 7:04:11 PM	73935
Hexachloroethane	ND	3.0		mg/L	1	3/31/2023 7:04:11 PM	73935
Nitrobenzene	ND	2.0		mg/L	1	3/31/2023 7:04:11 PM	73935
Pentachlorophenol	ND	100		mg/L	1	3/31/2023 7:04:11 PM	73935
Pyridine	ND	5.0		mg/L	1	3/31/2023 7:04:11 PM	73935
2,4,5-Trichlorophenol	ND	400		mg/L	1	3/31/2023 7:04:11 PM	73935
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	3/31/2023 7:04:11 PM	73935
Cresols, Total	ND	200		mg/L	1	3/31/2023 7:04:11 PM	73935
Surr: 2-Fluorophenol	54.6	20.8-71.9		%Rec	1	3/31/2023 7:04:11 PM	73935
Surr: Phenol-d5	41.9	16.2-54.5		%Rec	1	3/31/2023 7:04:11 PM	73935
Surr: 2,4,6-Tribromophenol	74.3	18.8-117		%Rec	1	3/31/2023 7:04:11 PM	73935
Surr: Nitrobenzene-d5	61.9	33-85.9		%Rec	1	3/31/2023 7:04:11 PM	73935
Surr: 2-Fluorobiphenyl	52.7	26.3-79.6		%Rec	1	3/31/2023 7:04:11 PM	73935
Surr: 4-Terphenyl-d14	85.3	53.9-124		%Rec	1	3/31/2023 7:04:11 PM	73935
SPECIFIC GRAVITY						Analyst: **CAS**	
Specific Gravity	0.9968	0			1	4/12/2023 10:26:00 AM	R95945
EPA METHOD 300.0: ANIONS						Analyst: **NAI**	
Fluoride	ND	0.50		mg/L	5	3/21/2023 4:04:59 PM	R95458
Chloride	1100	50	*	mg/L	100	3/31/2023 7:48:56 AM	R95725
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	3/21/2023 4:04:59 PM	R95458
Bromide	3.2	0.50		mg/L	5	3/21/2023 4:04:59 PM	R95458
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	3/21/2023 4:04:59 PM	R95458
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	3/21/2023 4:04:59 PM	R95458
Sulfate	110	2.5		mg/L	5	3/21/2023 4:04:59 PM	R95458
SM2510B: SPECIFIC CONDUCTANCE						Analyst: **CAS**	
Conductivity	4800	10		µmhos/c	1	3/24/2023 3:35:47 PM	R95559
SM2320B: ALKALINITY						Analyst: **CAS**	
Bicarbonate (As CaCO3)	695.2	20.00		mg/L Ca	1	3/24/2023 3:35:47 PM	R95559
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	3/24/2023 3:35:47 PM	R95559
Total Alkalinity (as CaCO3)	695.2	20.00		mg/L Ca	1	3/24/2023 3:35:47 PM	R95559
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **RBC**	
Total Dissolved Solids	2510	250	*D	mg/L	1	3/27/2023 2:43:00 PM	73914

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2303A45**
Date Reported: **4/13/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well March 2023 **Collection Date:** 3/20/2023 10:30:00 AM
Lab ID: 2303A45-001 **Matrix:** AQUEOUS **Received Date:** 3/21/2023 6:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM4500-H+B / 9040C: PH						Analyst: **CAS**	
pH	8.00		H	pH units	1	3/24/2023 3:35:47 PM	R95559
EPA METHOD 7470A: MERCURY						Analyst: **tem**	
Mercury	ND	0.00020		mg/L	1	3/28/2023 4:48:10 PM	73959
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JRR**	
Calcium	59	1.0		mg/L	1	3/22/2023 4:22:39 PM	A95518
Magnesium	54	1.0		mg/L	1	3/22/2023 4:22:39 PM	A95518
Potassium	29	1.0		mg/L	1	3/22/2023 4:22:39 PM	A95518
Sodium	920	10		mg/L	10	3/22/2023 4:26:05 PM	A95518
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **JRR**	
Arsenic	ND	0.030		mg/L	1	3/29/2023 11:44:45 AM	73845
Barium	0.17	0.0020		mg/L	1	3/22/2023 5:53:49 PM	73845
Cadmium	ND	0.0020		mg/L	1	3/22/2023 5:53:49 PM	73845
Calcium	60	1.0		mg/L	1	3/22/2023 5:53:49 PM	73845
Chromium	ND	0.0060		mg/L	1	3/22/2023 5:53:49 PM	73845
Lead	ND	0.020		mg/L	1	3/22/2023 5:53:49 PM	73845
Magnesium	54	1.0		mg/L	1	3/22/2023 5:53:49 PM	73845
Potassium	30	1.0		mg/L	1	3/22/2023 5:53:49 PM	73845
Selenium	ND	0.050		mg/L	1	3/22/2023 5:53:49 PM	73845
Silver	ND	0.0050		mg/L	1	3/22/2023 5:53:49 PM	73845
Sodium	900	10		mg/L	10	3/29/2023 11:47:58 AM	73845
EPA METHOD 8081: PESTICIDES						Analyst: **SB**	
Chlordane	ND	2.0		µg/L	1	3/22/2023 3:23:03 PM	73837
Surr: Decachlorobiphenyl	77.4	40.9-111		%Rec	1	3/22/2023 3:23:03 PM	73837
Surr: Tetrachloro-m-xylene	52.8	15-107		%Rec	1	3/22/2023 3:23:03 PM	73837
TCLP VOLATILES BY 8260B						Analyst: **JR**	
Benzene	ND	0.50		mg/L	200	3/24/2023 6:55:23 AM	T95531
Toluene	ND	0.50		mg/L	200	3/24/2023 6:55:23 AM	T95531
Ethylbenzene	ND	0.50		mg/L	200	3/24/2023 6:55:23 AM	T95531
Xylenes, Total	ND	0.50		mg/L	200	3/24/2023 6:55:23 AM	T95531
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	3/24/2023 6:55:23 AM	T95531
2-Butanone	ND	200		mg/L	200	3/24/2023 6:55:23 AM	T95531
Carbon Tetrachloride	ND	0.50		mg/L	200	3/24/2023 6:55:23 AM	T95531
Chloroform	ND	6.0		mg/L	200	3/24/2023 6:55:23 AM	T95531
1,4-Dichlorobenzene	ND	7.5		mg/L	200	3/24/2023 6:55:23 AM	T95531
1,1-Dichloroethene	ND	0.70		mg/L	200	3/24/2023 6:55:23 AM	T95531
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	3/24/2023 6:55:23 AM	T95531
Trichloroethene (TCE)	ND	0.50		mg/L	200	3/24/2023 6:55:23 AM	T95531

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 Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2303A45**
Date Reported: **4/13/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well March 2023 **Collection Date:** 3/20/2023 10:30:00 AM
Lab ID: 2303A45-001 **Matrix:** AQUEOUS **Received Date:** 3/21/2023 6:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B						Analyst: **JR**	
Vinyl chloride	ND	0.20		mg/L	200	3/24/2023 6:55:23 AM	T95531
Chlorobenzene	ND	100		mg/L	200	3/24/2023 6:55:23 AM	T95531
Surr: 1,2-Dichloroethane-d4	99.7	70-130		%Rec	200	3/24/2023 6:55:23 AM	T95531
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	200	3/24/2023 6:55:23 AM	T95531
Surr: Dibromofluoromethane	103	70-130		%Rec	200	3/24/2023 6:55:23 AM	T95531
Surr: Toluene-d8	96.5	70-130		%Rec	200	3/24/2023 6:55:23 AM	T95531

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Pace Analytical®

ANALYTICAL REPORT

March 29, 2023

Hall Environmental Analysis Laboratory

Sample Delivery Group:	L1597357
Samples Received:	03/22/2023
Project Number:	
Description:	

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

Entire Report Reviewed By:

John Hawkins
Project Manager

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



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

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Released to Imaging: 2/26/2025 8:49:06 AM

SAMPLE SUMMARY

2303A45-001F INJECTION WELL L1597357-01 GW

Collected by	Collected date/time	Received date/time
	03/20/23 10:30	03/22/23 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG2029413	1	03/29/23 14:25	03/29/23 14:25	NTG	Mt. Juliet, TN
Wet Chemistry by Method 4500 CN E-2016	WG2028779	1	03/26/23 08:44	03/26/23 19:13	LDT	Mt. Juliet, TN
Wet Chemistry by Method 4500 S2 D-2011	WG2028767	1	03/23/23 12:46	03/23/23 12:46	RTW	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2029672	1	03/24/23 18:10	03/24/23 18:10	KAD	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG2030921	1	03/28/23 02:45	03/28/23 02:45	CRB	Mt. Juliet, TN

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

John Hawkins
Project Manager

Project Narrative

All Reactive Cyanide results reported in the attached report were determined as totals using method 4500 CN E-2016.
All Reactive Sulfide results reported in the attached report were determined as totals using method 4500 S2 D-2011.

Wet Chemistry by Method 2580

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	mV			date / time	
ORP	124	T8	1	03/29/2023 14:25	WG2029413

Wet Chemistry by Method 4500 CN E-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Reactive Cyanide	ND		0.00500	1	03/26/2023 19:13	WG2028779

Wet Chemistry by Method 4500 S2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Reactive Sulfide	ND		0.0500	1	03/23/2023 12:46	WG2028767

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	su			date / time	
pH	8.01	T8	1	03/24/2023 18:10	WG2029672

Sample Narrative:

L1597357-01 WG2029672: 8.01 at 18.9C

Wet Chemistry by Method D93/1010A

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	deg F			date / time	
Flashpoint	DNF at 170		1	03/28/2023 02:45	WG2030921

L1597357-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1597357-01 03/29/23 14:25 • (DUP) R3906903-3 03/29/23 14:25

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	124	124	1	0.600		20

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

(LCS) R3906903-1 03/29/23 14:25 • (LCSD) R3906903-2 03/29/23 14:25

Analyte	Spike Amount mV	LCS Result mV	LCSD Result mV	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	Diff mV	Diff Limits mV
ORP	98.0	91.0	91.3	92.9	93.2	90.0-110			0.300	20

Method Blank (MB)

(MB) R3905539-1 03/26/23 18:32

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

L1597146-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1597146-06 03/26/23 18:43 • (DUP) R3905539-3 03/26/23 18:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	0.105	0.105	1	0.000		20

L1597201-41 Original Sample (OS) • Duplicate (DUP)

(OS) L1597201-41 03/26/23 18:49 • (DUP) R3905539-4 03/26/23 18:50

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

Laboratory Control Sample (LCS)

(LCS) R3905539-2 03/26/23 18:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.0952	95.2	87.1-120	

L1597357-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597357-01 03/26/23 19:13 • (MS) R3905539-5 03/26/23 19:15 • (MSD) R3905539-6 03/26/23 19:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.101	0.0946	101	94.6	1	90.0-110			6.54	20

Method Blank (MB)

(MB) R3904570-1 03/23/23 12:45

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

L1597354-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1597354-01 03/23/23 12:46 • (DUP) R3904570-3 03/23/23 12:46

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

Laboratory Control Sample (LCS)

(LCS) R3904570-2 03/23/23 12:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Sulfide	0.500	0.444	88.8	85.0-115	

L1597357-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1597357-01 03/23/23 12:46 • (MS) R3904570-4 03/23/23 12:47 • (MSD) R3904570-5 03/23/23 12:47

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Sulfide	0.500	ND	0.418	0.404	83.6	80.8	1	80.0-120			3.41	20

L1597150-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1597150-03 03/24/23 18:10 • (DUP) R3905242-2 03/24/23 18:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.04	8.08	1	0.496		1

Sample Narrative:

OS: 8.04 at 18.2C

DUP: 8.08 at 18.2C

L1597780-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1597780-01 03/24/23 18:10 • (DUP) R3905242-3 03/24/23 18:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.79	7.79	1	0.000		1

Sample Narrative:

OS: 7.79 at 20.2C

DUP: 7.79 at 19.9C

Laboratory Control Sample (LCS)

(LCS) R3905242-1 03/24/23 18:10

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

Sample Narrative:

LCS: 10.01 at 20.7C

L1596562-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1596562-01 03/28/23 02:45 • (DUP) R3906061-3 03/28/23 02:45

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

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

(LCS) R3906061-1 03/28/23 02:45 • (LCSD) R3906061-2 03/28/23 02:45

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	130	128	104	102	96.0-104			1.55	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
T8	Sample(s) received past/too close to holding time expiration.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
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.

Received by OCD: 5/20/2024 6:38:28 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

1233

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

SUB CONTRATOR: 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					

L1597357

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2303A45-001F	Injection Well	500HDPE	Aqueous	3/20/2023 10:30:00 AM	3	RCI, ORP

-01

Sample Receipt Checklist

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

SPECIAL INSTRUCTIONS / COMMENTS:

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

Relinquished By:	Date: 3/21/2023	Time: 9:32 AM	Received By:	Date: 3/22/23	Time: 0915
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 2.3 °C Attempt to Cool ?

Comments:

Released to Imaging: 2/26/2025 8:49:06 AM

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2303A45**
13-Apr-23

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

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R95458**	RunNo: **95458**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3453172** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R95458**	RunNo: **95458**
Prep Date:	Analysis Date: **3/21/2023**	SeqNo: **3453173** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.47	0.10	0.5000	0	93.4	90	110			
Nitrogen, Nitrite (As N)	0.96	0.10	1.000	0	96.2	90	110			
Bromide	2.4	0.10	2.500	0	95.1	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	98.2	90	110			
Phosphorus, Orthophosphate (As P)	4.7	0.50	5.000	0	93.1	90	110			
Sulfate	9.5	0.50	10.00	0	95.1	90	110			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R95725**	RunNo: **95725**
Prep Date:	Analysis Date: **3/31/2023**	SeqNo: **3464452** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R95725**	RunNo: **95725**
Prep Date:	Analysis Date: **3/31/2023**	SeqNo: **3464453** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	96.3	90	110			

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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **MB-73837**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **73837**	RunNo: **95612**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3460003** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.4		2.500		94.0	40.9	111			
Surr: Tetrachloro-m-xylene	1.2		2.500		49.7	15	107			

Sample ID: **LCS-73837**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **73837**	RunNo: **95612**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3460004** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.4		2.500		95.7	40.9	111			
Surr: Tetrachloro-m-xylene	0.87		2.500		34.8	15	107			

Sample ID: **LCSD-73837**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **73837**	RunNo: **95612**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3460005** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.5		2.500		99.5	40.9	111	0	20	
Surr: Tetrachloro-m-xylene	1.9		2.500		74.9	15	107	0	20	

Sample ID: **MB-73837**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **73837**	RunNo: **95612**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3460011** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.4		2.500		94.4	40.9	111			
Surr: Tetrachloro-m-xylene	1.3		2.500		51.3	15	107			

Sample ID: **LCS-73837**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **73837**	RunNo: **95612**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3460012** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.4		2.500		95.7	40.9	111			
Surr: Tetrachloro-m-xylene	0.90		2.500		36.0	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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **LCSD-73837** SampType: **LCSD** TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02** Batch ID: **73837** RunNo: **95612**
Prep Date: **3/21/2023** Analysis Date: **3/22/2023** SeqNo: **3460013** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.5		2.500		100	40.9	111	0	20	
Surr: Tetrachloro-m-xylene	2.0		2.500		79.5	15	107	0	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **100ng lcs2** SampType: **LCS** TestCode: **TCLP Volatiles by 8260B**
Client ID: **LCSW** Batch ID: **T95531** RunNo: **95531**
Prep Date: Analysis Date: **3/23/2023** SeqNo: **3455325** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.022	0.010	0.02000	0	111	70	130			
1,1-Dichloroethene	0.022	0.010	0.02000	0	108	70	130			
Trichloroethene (TCE)	0.021	0.010	0.02000	0	106	70	130			
Chlorobenzene	0.021	0.010	0.02000	0	103	70	130			
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		102	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		101	70	130			
Surr: Dibromofluoromethane	0.011		0.01000		105	70	130			
Surr: Toluene-d8	0.0096		0.01000		96.0	70	130			

Sample ID: **mb2** SampType: **MBLK** TestCode: **TCLP Volatiles by 8260B**
Client ID: **PBW** Batch ID: **T95531** RunNo: **95531**
Prep Date: Analysis Date: **3/23/2023** SeqNo: **3455327** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		101	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		100	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		104	70	130			
Surr: Toluene-d8	0.0098		0.01000		98.4	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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **mb-73935**	SampType: **MBLK**	TestCode: **EPA Method 8270C TCLP**
Client ID: **PBW**	Batch ID: **73935**	RunNo: **95730**
Prep Date: **3/27/2023**	Analysis Date: **3/31/2023**	SeqNo: **3464751** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.10		0.2000		52.4	20.8	71.9			
Surr: Phenol-d5	0.079		0.2000		39.4	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.11		0.2000		55.9	18.8	117			
Surr: Nitrobenzene-d5	0.057		0.1000		56.6	33	85.9			
Surr: 2-Fluorobiphenyl	0.046		0.1000		46.2	26.3	79.6			
Surr: 4-Terphenyl-d14	0.085		0.1000		85.0	53.9	124			

Sample ID: **lcs-73935**	SampType: **LCS**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW**	Batch ID: **73935**	RunNo: **95730**
Prep Date: **3/27/2023**	Analysis Date: **3/31/2023**	SeqNo: **3464752** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.073	0.0050	0.1000	0	72.7	26.8	92.9			
3+4-Methylphenol	0.15	0.0051	0.2000	0	76.8	23.7	100			
2,4-Dinitrotoluene	0.055	0.0049	0.1000	0	55.5	22.3	71.2			
Hexachlorobenzene	0.077	0.019	0.1000	0	77.3	26.1	91.6			
Hexachlorobutadiene	0.033	0.017	0.1000	0	33.0	15	74.2			
Hexachloroethane	0.040	0.014	0.1000	0	40.2	15	85.4			
Nitrobenzene	0.063	0.0049	0.1000	0	63.1	26.1	89.6			
Pentachlorophenol	0.061	0.027	0.1000	0	61.0	21.7	89.4			
Pyridine	0.032	0.014	0.1000	0	32.1	15	68.4			
2,4,5-Trichlorophenol	0.068	0.0063	0.1000	0	68.2	27	97.9			
2,4,6-Trichlorophenol	0.067	0.0059	0.1000	0	67.3	27.9	92.6			
Cresols, Total	0.23	0.027	0.3000	0	75.4	24.8	97.7			
Surr: 2-Fluorophenol	0.12		0.2000		60.5	20.8	71.9			
Surr: Phenol-d5	0.095		0.2000		47.5	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.16		0.2000		78.9	18.8	117			

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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **lcs-73935** SampType: **LCS** TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW** Batch ID: **73935** RunNo: **95730**
Prep Date: **3/27/2023** Analysis Date: **3/31/2023** SeqNo: **3464752** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.072		0.1000		72.0	33	85.9			
Surr: 2-Fluorobiphenyl	0.062		0.1000		62.1	26.3	79.6			
Surr: 4-Terphenyl-d14	0.096		0.1000		95.9	53.9	124			

Sample ID: **2303a45-001bms** SampType: **MS** TestCode: **EPA Method 8270C TCLP**
Client ID: **Injection Well** Batch ID: **73935** RunNo: **95730**
Prep Date: **3/27/2023** Analysis Date: **3/31/2023** SeqNo: **3464754** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.050	0.0050	0.1000	0	50.3	15.6	112			
3+4-Methylphenol	0.10	0.0051	0.2000	0	51.4	15	121			
2,4-Dinitrotoluene	0.049	0.0049	0.1000	0	48.8	15	98.3			
Hexachlorobenzene	0.059	0.019	0.1000	0	59.3	25.4	110			
Hexachlorobutadiene	0.027	0.017	0.1000	0	27.1	15	106			
Hexachloroethane	0.030	0.014	0.1000	0	29.9	15	99.2			
Nitrobenzene	0.044	0.0049	0.1000	0	44.2	15.6	110			
Pentachlorophenol	0.029	0.0010	0.1000	0	28.9	15	135			
Pyridine	0.028	0.014	0.1000	0	28.3	15	96.5			
2,4,5-Trichlorophenol	0.058	0.0063	0.1000	0	58.3	15	143			
2,4,6-Trichlorophenol	0.055	0.0059	0.1000	0	55.2	15	140			
Cresols, Total	0.15	0.027	0.3000	0	51.1	15	122			
Surr: 2-Fluorophenol	0.075		0.2000		37.6	20.8	71.9			
Surr: Phenol-d5	0.061		0.2000		30.7	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.13		0.2000		62.8	18.8	117			
Surr: Nitrobenzene-d5	0.048		0.1000		48.4	33	85.9			
Surr: 2-Fluorobiphenyl	0.043		0.1000		43.1	26.3	79.6			
Surr: 4-Terphenyl-d14	0.080		0.1000		79.9	53.9	124			

Sample ID: **2303a45-001bmsd** SampType: **MSD** TestCode: **EPA Method 8270C TCLP**
Client ID: **Injection Well** Batch ID: **73935** RunNo: **95730**
Prep Date: **3/27/2023** Analysis Date: **3/31/2023** SeqNo: **3464755** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.071	0.0050	0.1000	0	70.8	15.6	112	33.9	20	R
3+4-Methylphenol	0.15	0.0051	0.2000	0	72.6	15	121	34.2	20	R
2,4-Dinitrotoluene	0.059	0.0049	0.1000	0	58.7	15	98.3	18.4	20	
Hexachlorobenzene	0.067	0.019	0.1000	0	67.2	25.4	110	12.5	20	
Hexachlorobutadiene	0.035	0.017	0.1000	0	35.1	15	106	25.6	20	R
Hexachloroethane	0.039	0.014	0.1000	0	39.2	15	99.2	26.8	20	R
Nitrobenzene	0.063	0.0049	0.1000	0	62.7	15.6	110	34.5	20	R

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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **2303a45-001bmsd** SampType: **MSD** TestCode: **EPA Method 8270C TCLP**
Client ID: **Injection Well** Batch ID: **73935** RunNo: **95730**
Prep Date: **3/27/2023** Analysis Date: **3/31/2023** SeqNo: **3464755** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Pentachlorophenol	0.022	0.0010	0.1000	0	22.3	15	135	26.1	20	R
Pyridine	0.045	0.014	0.1000	0	45.1	15	96.5	45.8	20	R
2,4,5-Trichlorophenol	0.070	0.0063	0.1000	0	70.4	15	143	18.7	20	
2,4,6-Trichlorophenol	0.068	0.0059	0.1000	0	68.2	15	140	21.0	20	R
Cresols, Total	0.22	0.027	0.3000	0	72.0	15	122	34.1	20	R
Surr: 2-Fluorophenol	0.11		0.2000		55.8	20.8	71.9	0	0	
Surr: Phenol-d5	0.088		0.2000		44.2	16.2	54.5	0	0	
Surr: 2,4,6-Tribromophenol	0.13		0.2000		65.9	18.8	117	0	0	
Surr: Nitrobenzene-d5	0.069		0.1000		68.8	33	85.9	0	0	
Surr: 2-Fluorobiphenyl	0.059		0.1000		59.0	26.3	79.6	0	0	
Surr: 4-Terphenyl-d14	0.086		0.1000		85.6	53.9	124	0	0	

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 Quanitative 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#: **2303A45**

13-Apr-23

Client: Western Refining Southwest, Inc.

Project: Injection Well March 2023

Sample ID: **lcs-1 99.4uS eC**	SampType: **lcs**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R95559**	RunNo: **95559**
Prep Date:	Analysis Date: **3/24/2023**	SeqNo: **3456737** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	99.40	0	103	85	115			

Sample ID: **lcs-d 99.4uS eC**	SampType: **LCSD**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSS02**	Batch ID: **R95559**	RunNo: **95559**
Prep Date:	Analysis Date: **3/24/2023**	SeqNo: **3456750** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	99.40	0	105	85	115	2.03	0	

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 Quanitative 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#: **2303A45**

13-Apr-23

Client: Western Refining Southwest, Inc.

Project: Injection Well March 2023

Sample ID: **MB-73959**	SampType: **MBLK**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **PBW**	Batch ID: **73959**	RunNo: **95622**
Prep Date: **3/27/2023**	Analysis Date: **3/28/2023**	SeqNo: **3460152** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: **LCSLL-73959**	SampType: **LCSLL**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **BatchQC**	Batch ID: **73959**	RunNo: **95622**
Prep Date: **3/27/2023**	Analysis Date: **3/28/2023**	SeqNo: **3460153** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00021	0.00020	0.0001500	0	137	50	150			

Sample ID: **LCS-73959**	SampType: **LCS**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **LCSW**	Batch ID: **73959**	RunNo: **95622**
Prep Date: **3/27/2023**	Analysis Date: **3/28/2023**	SeqNo: **3460154** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0051	0.00020	0.005000	0	101	85	115			

Sample ID: **LCSD-73959**	SampType: **LCSD**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **LCSS02**	Batch ID: **73959**	RunNo: **95622**
Prep Date: **3/27/2023**	Analysis Date: **3/28/2023**	SeqNo: **3460155** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0051	0.00020	0.005000	0	102	85	115	0.426	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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **MB-A**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **A95518**	RunNo: **95518**
Prep Date:	Analysis Date: **3/22/2023**	SeqNo: **3454889** 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: **A95518**	RunNo: **95518**
Prep Date:	Analysis Date: **3/22/2023**	SeqNo: **3454891** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	55	1.0	50.00	0	110	80	120			
Magnesium	54	1.0	50.00	0	108	80	120			
Potassium	53	1.0	50.00	0	106	80	120			
Sodium	53	1.0	50.00	0	107	80	120			

Sample ID: **LCSD-A**	SampType: **LCSD**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSS02**	Batch ID: **A95518**	RunNo: **95518**
Prep Date:	Analysis Date: **3/22/2023**	SeqNo: **3454892** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	59	1.0	50.00	0	118	80	120	6.91	20	
Magnesium	58	1.0	50.00	0	115	80	120	6.48	20	
Potassium	57	1.0	50.00	0	113	80	120	6.66	20	
Sodium	57	1.0	50.00	0	114	80	120	6.29	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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **MB-73845**	SampType: **MBLK**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **PBW**	Batch ID: **73845**	RunNo: **95518**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3454885** 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-73845**	SampType: **LCS**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **LCSW**	Batch ID: **73845**	RunNo: **95518**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3454887** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.46	0.0020	0.5000	0	92.5	80	120			
Cadmium	0.47	0.0020	0.5000	0	93.5	80	120			
Calcium	53	1.0	50.00	0	105	80	120			
Chromium	0.47	0.0060	0.5000	0	94.5	80	120			
Lead	0.47	0.020	0.5000	0	94.6	80	120			
Magnesium	52	1.0	50.00	0	104	80	120			
Potassium	50	1.0	50.00	0	100	80	120			
Selenium	0.48	0.050	0.5000	0	95.1	80	120			
Silver	0.090	0.0050	0.1000	0	89.6	80	120			
Sodium	50	1.0	50.00	0	100	80	120			

Sample ID: **LCSD-73845**	SampType: **LCSD**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **LCSS02**	Batch ID: **73845**	RunNo: **95518**
Prep Date: **3/21/2023**	Analysis Date: **3/22/2023**	SeqNo: **3454888** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.46	0.0020	0.5000	0	92.0	80	120	0.521	20	
Cadmium	0.47	0.0020	0.5000	0	93.7	80	120	0.219	20	
Calcium	53	1.0	50.00	0	105	80	120	0.0469	20	
Chromium	0.47	0.0060	0.5000	0	93.9	80	120	0.689	20	
Lead	0.48	0.020	0.5000	0	96.4	80	120	1.87	20	
Magnesium	52	1.0	50.00	0	104	80	120	0.470	20	
Potassium	50	1.0	50.00	0	101	80	120	0.557	20	
Selenium	0.46	0.050	0.5000	0	91.0	80	120	4.36	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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **LCSD-73845** SampType: **LCSD** TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **LCSS02** Batch ID: **73845** RunNo: **95518**
Prep Date: **3/21/2023** Analysis Date: **3/22/2023** SeqNo: **3454888** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Silver	0.089	0.0050	0.1000	0	89.2	80	120	0.443	20	
Sodium	50	1.0	50.00	0	101	80	120	0.543	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID:	**2203961-001D dup**	SampType:	**dup**		TestCode:	**SM4500-H+B / 9040C: pH**					
Client ID:	**BatchQC**	Batch ID:	**R95559**		RunNo:	**95559**					
Prep Date:		Analysis Date:	**3/24/2023**		SeqNo:	**3456729**	Units:	**pH units**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH		7.29									

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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **mb-1 alk**	SampType: **mblk**	TestCode: **SM2320B: Alkalinity**							
Client ID: **PBW**	Batch ID: **R95559**	RunNo: **95559**							
Prep Date:	Analysis Date: **3/24/2023**	SeqNo: **3456663**	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: **R95559**	RunNo: **95559**							
Prep Date:	Analysis Date: **3/24/2023**	SeqNo: **3456664**	Units: **mg/L CaCO3**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	78.72	20.00	80.00	0	98.4	90	110			

Sample ID: **2203961-001D dup**	SampType: **dup**	TestCode: **SM2320B: Alkalinity**							
Client ID: **BatchQC**	Batch ID: **R95559**	RunNo: **95559**							
Prep Date:	Analysis Date: **3/24/2023**	SeqNo: **3456685**	Units: **mg/L CaCO3**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	50.56	20.00						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 Quanitative 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#: **2303A45**
13-Apr-23

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

Sample ID: **MB-73914**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **73914**	RunNo: **95577**
Prep Date: **3/24/2023**	Analysis Date: **3/27/2023**	SeqNo: **3457829** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	50.0								

Sample ID: **LCS-73914**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **73914**	RunNo: **95577**
Prep Date: **3/24/2023**	Analysis Date: **3/27/2023**	SeqNo: **3457830** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1000	50.0	1000	0	100	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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

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: 2303A45
RcptNo: 1

Received By: Tracy Casarrubias 3/21/2023 6:20:00 AM
Completed By: Tracy Casarrubias 3/21/2023 9:27:34 AM
Reviewed By: JN 3/21/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☑ 3/21/2023 3/21/23	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: 3:2
(<2 or >12 unless noted)
Adjusted? Yes
Checked by: 3.21.23

Special Handling (if applicable)

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

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

16. Additional remarks: Poured off/filtered ~125mL from sample -001C. Added ~0.4mL HNO_3 (7162) to sample -001D for pH <2. Added ~1.0 mL H_2SO_4 (6893) to sample -001C for pH <2. Used 1 filter from lot FJ9623. 3.21.23

17. Cooler Information

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

Received by OCD: 5/20/2024 6:38:28 AM
Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: **Western Refining**

Mailing Address: **50 CR 4990**

Bloomfield, NM 87413

Phone #: **678-594-6377**

email or Fax: gfrussell@marathonpetroleum.com

QA/QC Package:
X Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other_____
☐ EDD (Type) _____

Turn-Around Time:
X Standard ☐ Rush_____

Project Name: Injection Well March 2023

Project #: PO # 4500305669

Project Manager: Gary Russell

Sampler:

On Ice: ☒ Yes ☐ No 4.0g

# of Coolers: 1

Cooler Temp(including CF): 0.8 +0.1 = 0.9 -

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2303A45	pH, Specific gravity	C/A Balance Dissolved	RCI and ORP	RCRA 8 Metals	Chlordane only by 8081	8260 TCLP list + TEX	8270 TCLP List
3-20-23	10:30	H_2O	Injection Well	500ml P	none	001	x						
				1 liter P	none			x					
				3-500ml P	1- unpres, 1-NaOH, 1-NaOH/ZnAc				x				
				250ml P	HNO3					x			
				1L Amber G	none						x		
				3-40ml VOAs	HCL							x	
				1L Anmer	none								x

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
3/20/23	1514				3/20/23	1514
3/20/23	1814			courier	3/21/23	6:20

Remarks:
Preserve and filter C/A Balance dissolved in the lab.

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

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

July 19, 2023

Gary Russell

Western Refining Southwest, Inc.
#50 CR 4990
Bloomfield, NM 87413
TEL: (505) 632-4135
FAX:

RE: Injection Well June 2023 OrderNo.: 2306435

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/8/2023 for the analyses presented in the following report.

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

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

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

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2306435**
Date Reported: **7/19/2023**

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well June 2023 **Collection Date:** 6/7/2023 9:00:00 AM
Lab ID: 2306435-001 **Matrix:** AQUEOUS **Received Date:** 6/8/2023 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP						Analyst: **JME**	
2-Methylphenol	ND	200		mg/L	1	6/20/2023 12:53:11 PM	75571
3+4-Methylphenol	ND	200		mg/L	1	6/20/2023 12:53:11 PM	75571
2,4-Dinitrotoluene	ND	0.13		mg/L	1	6/20/2023 12:53:11 PM	75571
Hexachlorobenzene	ND	0.13		mg/L	1	6/20/2023 12:53:11 PM	75571
Hexachlorobutadiene	ND	0.50		mg/L	1	6/20/2023 12:53:11 PM	75571
Hexachloroethane	ND	3.0		mg/L	1	6/20/2023 12:53:11 PM	75571
Nitrobenzene	ND	2.0		mg/L	1	6/20/2023 12:53:11 PM	75571
Pentachlorophenol	ND	100		mg/L	1	6/20/2023 12:53:11 PM	75571
Pyridine	ND	5.0		mg/L	1	6/20/2023 12:53:11 PM	75571
2,4,5-Trichlorophenol	ND	400		mg/L	1	6/20/2023 12:53:11 PM	75571
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	6/20/2023 12:53:11 PM	75571
Cresols, Total	ND	200		mg/L	1	6/20/2023 12:53:11 PM	75571
Surr: 2-Fluorophenol	51.9	20.8-71.9		%Rec	1	6/20/2023 12:53:11 PM	75571
Surr: Phenol-d5	39.8	16.2-54.5		%Rec	1	6/20/2023 12:53:11 PM	75571
Surr: 2,4,6-Tribromophenol	68.8	18.8-117		%Rec	1	6/20/2023 12:53:11 PM	75571
Surr: Nitrobenzene-d5	62.4	33-85.9		%Rec	1	6/20/2023 12:53:11 PM	75571
Surr: 2-Fluorobiphenyl	47.3	26.3-79.6		%Rec	1	6/20/2023 12:53:11 PM	75571
Surr: 4-Terphenyl-d14	75.6	53.9-124		%Rec	1	6/20/2023 12:53:11 PM	75571
SPECIFIC GRAVITY						Analyst: **CAS**	
Specific Gravity	1.001	0			1	6/26/2023 12:03:00 PM	R97708
EPA METHOD 300.0: ANIONS						Analyst: **SNS**	
Fluoride	ND	0.50		mg/L	5	6/8/2023 10:16:14 PM	R97321
Chloride	1000	50	*	mg/L	100	6/21/2023 11:46:18 AM	R97630
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	6/8/2023 10:16:14 PM	R97321
Bromide	2.9	0.50		mg/L	5	6/8/2023 10:16:14 PM	R97321
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	6/8/2023 10:16:14 PM	R97321
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	6/8/2023 10:16:14 PM	R97321
Sulfate	82	2.5		mg/L	5	6/8/2023 10:16:14 PM	R97321
SM2510B: SPECIFIC CONDUCTANCE						Analyst: **RBC**	
Conductivity	4400	10		µmhos/c	1	6/12/2023 12:30:24 PM	R97391
SM2320B: ALKALINITY						Analyst: **RBC**	
Bicarbonate (As CaCO3)	687.6	20.00		mg/L Ca	1	6/12/2023 12:30:24 PM	R97391
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	6/12/2023 12:30:24 PM	R97391
Total Alkalinity (as CaCO3)	687.6	20.00		mg/L Ca	1	6/12/2023 12:30:24 PM	R97391
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JAG**	
Total Dissolved Solids	2360	250	*D	mg/L	1	6/14/2023 2:50:00 PM	75548

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306435**
Date Reported: **7/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well June 2023 **Collection Date:** 6/7/2023 9:00:00 AM
Lab ID: 2306435-001 **Matrix:** AQUEOUS **Received Date:** 6/8/2023 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
SM4500-H+B / 9040C: PH						Analyst:	**RBC**
pH	8.24		H	pH units	1	6/12/2023 12:30:24 PM	R97391
EPA METHOD 6020A: TOTAL METALS						Analyst:	**ELS**
Arsenic	0.0039	0.0010		mg/L	1	6/17/2023 12:53:54 PM	75523
Lead	ND	0.0010		mg/L	1	6/19/2023 12:19:21 PM	75523
Selenium	0.0012	0.0010		mg/L	1	6/19/2023 2:37:00 PM	75523
EPA METHOD 7470A: MERCURY						Analyst:	**tem**
Mercury	ND	0.00020		mg/L	1	6/13/2023 11:38:28 AM	75520
EPA METHOD 6010B: DISSOLVED METALS						Analyst:	**VP**
Calcium	53	5.0		mg/L	5	6/20/2023 11:30:47 AM	A97575
Magnesium	49	1.0		mg/L	1	6/19/2023 3:27:12 PM	A97556
Potassium	28	1.0		mg/L	1	6/19/2023 3:27:12 PM	A97556
Sodium	810	10		mg/L	10	6/20/2023 11:37:20 AM	A97575
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst:	**VP**
Barium	0.19	0.0020		mg/L	1	7/18/2023 12:28:30 PM	75523
Cadmium	ND	0.0020		mg/L	1	7/18/2023 12:28:30 PM	75523
Chromium	ND	0.0060		mg/L	1	7/18/2023 12:28:30 PM	75523
Silver	ND	0.0050		mg/L	1	7/18/2023 12:28:30 PM	75523
EPA METHOD 8081: PESTICIDES						Analyst:	**mb**
Chlordane	ND	2.0		µg/L	1	6/16/2023 11:34:28 AM	75527
Surr: Decachlorobiphenyl	110	40.9-111		%Rec	1	6/16/2023 11:34:28 AM	75527
Surr: Tetrachloro-m-xylene	69.3	15-107		%Rec	1	6/16/2023 11:34:28 AM	75527
TCLP VOLATILES BY 8260B						Analyst:	**JR**
Benzene	ND	0.50		mg/L	200	6/10/2023 11:07:52 AM	T97346
Toluene	ND	0.50		mg/L	200	6/10/2023 11:07:52 AM	T97346
Ethylbenzene	ND	0.50		mg/L	200	6/10/2023 11:07:52 AM	T97346
Xylenes, Total	ND	0.50		mg/L	200	6/10/2023 11:07:52 AM	T97346
1,2-Dichloroethane (EDC)	ND	0.50		mg/L	200	6/10/2023 11:07:52 AM	T97346
2-Butanone	ND	200		mg/L	200	6/10/2023 11:07:52 AM	T97346
Carbon Tetrachloride	ND	0.50		mg/L	200	6/10/2023 11:07:52 AM	T97346
Chloroform	ND	6.0		mg/L	200	6/10/2023 11:07:52 AM	T97346
1,4-Dichlorobenzene	ND	7.5		mg/L	200	6/10/2023 11:07:52 AM	T97346
1,1-Dichloroethene	ND	0.70		mg/L	200	6/10/2023 11:07:52 AM	T97346
Tetrachloroethene (PCE)	ND	0.70		mg/L	200	6/10/2023 11:07:52 AM	T97346
Trichloroethene (TCE)	ND	0.50		mg/L	200	6/10/2023 11:07:52 AM	T97346
Vinyl chloride	ND	0.20		mg/L	200	6/10/2023 11:07:52 AM	T97346
Chlorobenzene	ND	100		mg/L	200	6/10/2023 11:07:52 AM	T97346

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306435**
Date Reported: **7/19/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well June 2023 **Collection Date:** 6/7/2023 9:00:00 AM
Lab ID: 2306435-001 **Matrix:** AQUEOUS **Received Date:** 6/8/2023 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B						Analyst: **JR**	
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	200	6/10/2023 11:07:52 AM	T97346
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	200	6/10/2023 11:07:52 AM	T97346
Surr: Dibromofluoromethane	109	70-130		%Rec	200	6/10/2023 11:07:52 AM	T97346
Surr: Toluene-d8	96.6	70-130		%Rec	200	6/10/2023 11:07:52 AM	T97346

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Pace Analytical®

ANALYTICAL REPORT

June 16, 2023

Hall Environmental Analysis Laboratory

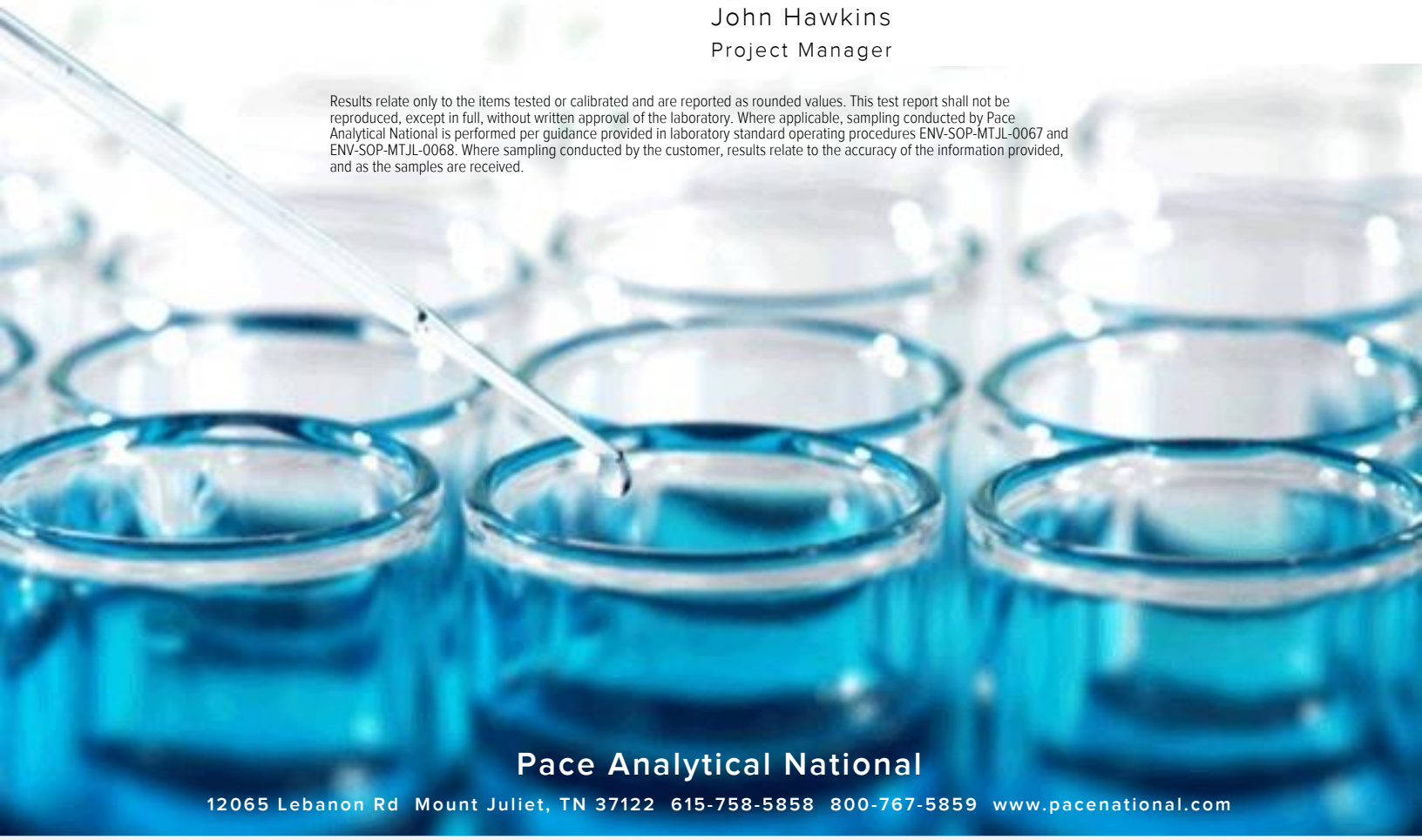
Sample Delivery Group:	L1624753
Samples Received:	06/09/2023
Project Number:	
Description:	

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

Entire Report Reviewed By:

John Hawkins
Project Manager

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



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

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SAMPLE SUMMARY

2306435-001F INJECTION WELL L1624753-01 GW

Collected by	Collected date/time	Received date/time
	06/07/23 09:00	06/09/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2580	WG2077151	1	06/16/23 13:35	06/16/23 13:35	NTG	Mt. Juliet, TN
Wet Chemistry by Method 4500 CN E-2016	WG2074858	1	06/11/23 16:09	06/11/23 22:55	LDT	Mt. Juliet, TN
Wet Chemistry by Method 4500 S2 D-2011	WG2075410	1	06/11/23 10:52	06/11/23 10:52	CAH	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2078288	1	06/14/23 12:55	06/14/23 12:55	EPW	Mt. Juliet, TN
Wet Chemistry by Method D93/1010A	WG2076181	1	06/13/23 02:41	06/13/23 02:41	CRB	Mt. Juliet, TN

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

John Hawkins
Project Manager

Project Narrative

All Reactive Cyanide results reported in the attached report were determined as totals using method 4500 CN E-2016.
All Reactive Sulfide results reported in the attached report were determined as totals using method 4500 S2 D-2011.

Wet Chemistry by Method 2580

Analyte	Result mV	Qualifier	Dilution	Analysis date / time	Batch
ORP	103	T8	1	06/16/2023 13:35	WG2077151

Wet Chemistry by Method 4500 CN E-2016

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Reactive Cyanide	ND		0.00500	1	06/11/2023 22:55	WG2074858

Wet Chemistry by Method 4500 S2 D-2011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Reactive Sulfide	ND		0.0500	1	06/11/2023 10:52	WG2075410

Wet Chemistry by Method 9040C

Analyte	Result su	Qualifier	Dilution	Analysis date / time	Batch
pH	8.28	T8	1	06/14/2023 12:55	WG2078288

Sample Narrative:

L1624753-01 WG2078288: 8.28 at 21.1C

Wet Chemistry by Method D93/1010A

Analyte	Result deg F	Qualifier	Dilution	Analysis date / time	Batch
Flashpoint	DNF at 170		1	06/13/2023 02:41	WG2076181

L1624365-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1624365-01 06/16/23 13:35 • (DUP) R3937679-3 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	122	125	1	2.20		20

L1624592-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1624592-02 06/16/23 13:35 • (DUP) R3937679-4 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	285	281	1	3.90		20

L1624650-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1624650-01 06/16/23 13:35 • (DUP) R3937679-5 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	232	232	1	0.900		20

L1624650-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1624650-02 06/16/23 13:35 • (DUP) R3937679-6 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	226	224	1	1.70		20

L1624650-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1624650-03 06/16/23 13:35 • (DUP) R3937679-7 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	220	222	1	1.80		20

L1624650-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1624650-04 06/16/23 13:35 • (DUP) R3937679-8 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	194	196	1	2.30		20

L1624650-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1624650-06 06/16/23 13:35 • (DUP) R3937679-9 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	221	225	1	3.30		20

L1624650-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1624650-07 06/16/23 13:35 • (DUP) R3937679-10 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	248	247	1	1.40		20

L1624650-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1624650-08 06/16/23 13:35 • (DUP) R3937679-11 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	230	227	1	2.50		20

L1624753-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1624753-01 06/16/23 13:35 • (DUP) R3937679-12 06/16/23 13:35

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	103	104	1	0.700		20

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

(LCS) R3937679-1 06/16/23 13:35 • (LCSD) R3937679-2 06/16/23 13:35

Analyte	Spike Amount mV	LCS Result mV	LCSD Result mV	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	Diff mV	Diff Limits mV
ORP	98.0	97.9	97.5	99.9	99.5	90.0-110			0.400	20

Method Blank (MB)

(MB) R3935365-1 06/11/23 22:15

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

L1624351-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1624351-02 06/11/23 22:20 • (DUP) R3935365-3 06/11/23 22:22

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Reactive Cyanide	ND	ND	1	28.8	P1	20

L1624821-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1624821-12 06/11/23 22:58 • (DUP) R3935365-4 06/11/23 22:59

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

Laboratory Control Sample (LCS)

(LCS) R3935365-2 06/11/23 22:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Cyanide	0.100	0.105	105	87.1-120	

Method Blank (MB)

(MB) R3935252-1 06/11/23 10:48

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

L1624987-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1624987-01 06/11/23 10:53 • (DUP) R3935252-3 06/11/23 10:53

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

Laboratory Control Sample (LCS)

(LCS) R3935252-2 06/11/23 10:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Reactive Sulfide	0.500	0.496	99.2	85.0-115	

L1623840-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1623840-01 06/14/23 12:55 • (DUP) R3937101-2 06/14/23 12:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	9.02	8.98	1	0.444		1

Sample Narrative:

OS: 9.02 at 20.9C

DUP: 8.98 at 21.3C

L1625597-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1625597-01 06/14/23 12:55 • (DUP) R3937101-3 06/14/23 12:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	5.70	5.68	1	0.351		1

Sample Narrative:

OS: 5.7 at 20.6C

DUP: 5.68 at 20.7C

Laboratory Control Sample (LCS)

(LCS) R3937101-1 06/14/23 12:55

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

Sample Narrative:

LCS: 10.04 at 20.8C

L1624753-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1624753-01 06/13/23 02:41 • (DUP) R3935816-3 06/13/23 02:41

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

L1624952-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1624952-02 06/13/23 02:41 • (DUP) R3935816-4 06/13/23 02:41

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) R3935816-1 06/13/23 02:41 • (LCSD) R3935816-2 06/13/23 02:41

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	131	127	104	101	96.0-104			3.10	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.

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	LAO000356
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.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

B120

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

SUB CONTRATOR: 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					

L1624753

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2306435-001F	Injection Well	500HDPE	Aqueous	6/7/2023 9:00:00 AM	3	RCI, ORP

-01 >12 SC

6426 8305 4348

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	N/A	
Sufficient volume sent:	Y N		
RAD Screen <0.5 mR/hr:	Y N	1.0+0=1.0	

SPECIAL INSTRUCTIONS / COMMENTS:

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

Relinquished By:	Date: 6/8/2023	Time: 1:25 PM	Received By:	Date: 6.9.23	Time: 9:00
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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R97321**	RunNo: **97321**
Prep Date:	Analysis Date: **6/8/2023**	SeqNo: **3535465** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R97321**	RunNo: **97321**
Prep Date:	Analysis Date: **6/8/2023**	SeqNo: **3535466** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.48	0.10	0.5000	0	95.8	90	110			
Nitrogen, Nitrite (As N)	0.95	0.10	1.000	0	95.0	90	110			
Bromide	2.3	0.10	2.500	0	93.8	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	97.5	90	110			
Phosphorus, Orthophosphate (As P)	4.6	0.50	5.000	0	92.3	90	110			
Sulfate	9.6	0.50	10.00	0	95.6	90	110			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R97630**	RunNo: **97630**
Prep Date:	Analysis Date: **6/21/2023**	SeqNo: **3550058** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R97630**	RunNo: **97630**
Prep Date:	Analysis Date: **6/21/2023**	SeqNo: **3550059** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	96.1	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB-75523**	SampType: **MBLK**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **PBW**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543191** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								

Sample ID: **MSLCSLL-75523**	SampType: **LCSLL**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **BatchQC**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543192** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.0011	0.0010	0.001000	0	113	70	130			

Sample ID: **MSLCS-75523**	SampType: **LCS**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **LCSW**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543193** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.049	0.0010	0.05000	0	98.9	80	120			

Sample ID: **MSLCSD-75523**	SampType: **LCSD**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **LCSS02**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543196** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.050	0.0010	0.05000	0	99.8	80	120	0.860	20	

Sample ID: **MB-75523**	SampType: **MBLK**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **PBW**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543503** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	ND	0.0010								
Selenium	ND	0.0010								

Sample ID: **MSLCSLL-75523**	SampType: **LCSLL**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **BatchQC**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543505** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.0011	0.0010	0.001000	0	108	70	130			
Selenium	0.0010	0.0010	0.001000	0	105	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MSLCS-75523**	SampType: **LCS**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **LCSW**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543506** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.048	0.0010	0.05000	0	96.7	80	120			
Selenium	0.047	0.0010	0.05000	0	93.2	80	120			

Sample ID: **MSLCSD-75523**	SampType: **LCSD**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **LCSS02**	Batch ID: **75523**	RunNo: **97510**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3543507** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.050	0.0010	0.05000	0	100	80	120	3.53	20	
Selenium	0.049	0.0010	0.05000	0	98.7	80	120	5.69	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB-75527**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **75527**	RunNo: **97512**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3544646** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	3.0		2.500		119	40.9	111			S
Surr: Tetrachloro-m-xylene	2.1		2.500		84.6	15	107			

Sample ID: **LCS-75527**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **75527**	RunNo: **97512**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3544647** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.8		2.500		114	40.9	111			S
Surr: Tetrachloro-m-xylene	1.4		2.500		55.5	15	107			

Sample ID: **LCSD-75527**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **75527**	RunNo: **97512**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3544648** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.8		2.500		112	40.9	111	0	20	S
Surr: Tetrachloro-m-xylene	1.4		2.500		56.6	15	107	0	20	

Sample ID: **MB-75527**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **75527**	RunNo: **97512**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3545480** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	3.1		2.500		126	40.9	111			S
Surr: Tetrachloro-m-xylene	2.3		2.500		91.2	15	107			

Sample ID: **LCS-75527**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **75527**	RunNo: **97512**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3545481** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	3.0		2.500		122	40.9	111			S
Surr: Tetrachloro-m-xylene	1.5		2.500		59.6	15	107			

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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **LCSD-75527**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **75527**	RunNo: **97512**
Prep Date: **6/12/2023**	Analysis Date: **6/16/2023**	SeqNo: **3545482** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	3.0		2.500		122	40.9	111	0	20	S
Surr: Tetrachloro-m-xylene	1.5		2.500		61.2	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **100ng lcs2** SampType: **LCS** TestCode: **TCLP Volatiles by 8260B**

Client ID: **LCSW** Batch ID: **T97346** RunNo: **97346**

Prep Date: Analysis Date: **6/10/2023** SeqNo: **3536877** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.022	0.0010	0.02000	0	111	70	130			
1,1-Dichloroethene	0.021	0.0010	0.02000	0	105	70	130			
Trichloroethene (TCE)	0.021	0.0010	0.02000	0	103	70	130			
Chlorobenzene	0.021	0.0010	0.02000	0	107	70	130			
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		99.9	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		101	70	130			
Surr: Dibromofluoromethane	0.011		0.01000		107	70	130			
Surr: Toluene-d8	0.0098		0.01000		97.7	70	130			

Sample ID: **mb2** SampType: **MBLK** TestCode: **TCLP Volatiles by 8260B**

Client ID: **PBW** Batch ID: **T97346** RunNo: **97346**

Prep Date: Analysis Date: **6/10/2023** SeqNo: **3536879** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		102	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		99.8	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		102	70	130			
Surr: Toluene-d8	0.010		0.01000		102	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB-75571**	SampType: **MBLK**	TestCode: **EPA Method 8270C TCLP**
Client ID: **PBW**	Batch ID: **75571**	RunNo: **97587**
Prep Date: **6/14/2023**	Analysis Date: **6/20/2023**	SeqNo: **3548387** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.13		0.2000		65.1	20.8	71.9			
Surr: Phenol-d5	0.099		0.2000		49.5	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.13		0.2000		67.4	18.8	117			
Surr: Nitrobenzene-d5	0.078		0.1000		77.7	33	85.9			
Surr: 2-Fluorobiphenyl	0.056		0.1000		55.7	26.3	79.6			
Surr: 4-Terphenyl-d14	0.084		0.1000		83.6	53.9	124			

Sample ID: **LCS-75571**	SampType: **LCS**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW**	Batch ID: **75571**	RunNo: **97587**
Prep Date: **6/14/2023**	Analysis Date: **6/20/2023**	SeqNo: **3548388** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	0.058	0.00010	0.1000	0	57.8	22.3	71.2			
Pentachlorophenol	0.11	0.00010	0.1000	0	107	21.7	89.4			S
Cresols, Total	0.083	0.00010	0.3000	0	27.6	24.8	97.7			
Surr: 2-Fluorophenol	0.10		0.2000		52.4	20.8	71.9			
Surr: Phenol-d5	0.081		0.2000		40.3	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.13		0.2000		64.6	18.8	117			
Surr: Nitrobenzene-d5	0.065		0.1000		65.1	33	85.9			
Surr: 2-Fluorobiphenyl	0.053		0.1000		53.2	26.3	79.6			
Surr: 4-Terphenyl-d14	0.088		0.1000		88.1	53.9	124			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID:	**lcs-1 99.3uS eC**	SampType:	**LCS**	TestCode:	**SM2510B: Specific Conductance**
Client ID:	**LCSW**	Batch ID:	**R97391**	RunNo:	**97391**
Prep Date:		Analysis Date:	**6/12/2023**	SeqNo:	**3538131**
Units:	**µmhos/cm**				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	99.30	0	100	85	115			

Sample ID:	**2306435-001CDUP**	SampType:	**DUP**	TestCode:	**SM2510B: Specific Conductance**
Client ID:	**Injection Well**	Batch ID:	**R97391**	RunNo:	**97391**
Prep Date:		Analysis Date:	**6/12/2023**	SeqNo:	**3538135**
Units:	**µmhos/cm**				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	4400	10						1.47	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB-75520**	SampType: **MBLK**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **PBW**	Batch ID: **75520**	RunNo: **97412**
Prep Date: **6/12/2023**	Analysis Date: **6/13/2023**	SeqNo: **3538767** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: **LCSLL-75520**	SampType: **LCSLL**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **BatchQC**	Batch ID: **75520**	RunNo: **97412**
Prep Date: **6/12/2023**	Analysis Date: **6/13/2023**	SeqNo: **3538770** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020	0.0001500	0	119	50	150			

Sample ID: **LCS-75520**	SampType: **LCS**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **LCSW**	Batch ID: **75520**	RunNo: **97412**
Prep Date: **6/12/2023**	Analysis Date: **6/13/2023**	SeqNo: **3538771** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	97.7	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB-A**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **A97556**	RunNo: **97556**
Prep Date:	Analysis Date: **6/19/2023**	SeqNo: **3545877** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	ND	1.0								
Potassium	ND	1.0								

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A97556**	RunNo: **97556**
Prep Date:	Analysis Date: **6/19/2023**	SeqNo: **3545879** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	50	1.0	50.00	0	101	80	120			
Potassium	50	1.0	50.00	0	99.9	80	120			

Sample ID: **2306435-001DMS**	SampType: **MS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **Injection Well**	Batch ID: **A97556**	RunNo: **97556**
Prep Date:	Analysis Date: **6/19/2023**	SeqNo: **3545883** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	96	1.0	50.00	48.59	94.9	75	125			
Potassium	76	1.0	50.00	27.76	96.0	75	125			

Sample ID: **2306435-001DMSD**	SampType: **MSD**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **Injection Well**	Batch ID: **A97556**	RunNo: **97556**
Prep Date:	Analysis Date: **6/19/2023**	SeqNo: **3545884** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	98	1.0	50.00	48.59	98.5	75	125	1.89	20	
Potassium	77	1.0	50.00	27.76	98.9	75	125	1.92	20	

Sample ID: **MB-A**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **A97575**	RunNo: **97575**
Prep Date:	Analysis Date: **6/20/2023**	SeqNo: **3547277** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Sodium	ND	1.0								

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A97575**	RunNo: **97575**
Prep Date:	Analysis Date: **6/20/2023**	SeqNo: **3547279** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A97575**	RunNo: **97575**
Prep Date:	Analysis Date: **6/20/2023**	SeqNo: **3547279** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	50	1.0	50.00	0	100	80	120			
Sodium	50	1.0	50.00	0	99.5	80	120			

Sample ID: **2306435-001DMS**	SampType: **MS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **Injection Well**	Batch ID: **A97575**	RunNo: **97575**
Prep Date:	Analysis Date: **6/20/2023**	SeqNo: **3547283** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	290	5.0	250.0	52.71	96.3	75	125			

Sample ID: **2306435-001DMSD**	SampType: **MSD**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **Injection Well**	Batch ID: **A97575**	RunNo: **97575**
Prep Date:	Analysis Date: **6/20/2023**	SeqNo: **3547284** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	300	5.0	250.0	52.71	98.4	75	125	1.73	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB-75523**	SampType: **MBLK**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **PBW**	Batch ID: **75523**	RunNo: **98290**
Prep Date: **6/12/2023**	Analysis Date: **7/18/2023**	SeqNo: **3577055** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Silver	ND	0.0050								

Sample ID: **LCS-75523**	SampType: **LCS**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **LCSW**	Batch ID: **75523**	RunNo: **98290**
Prep Date: **6/12/2023**	Analysis Date: **7/18/2023**	SeqNo: **3577057** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.50	0.0020	0.5000	0	99.5	80	120			
Cadmium	0.50	0.0020	0.5000	0	101	80	120			
Chromium	0.50	0.0060	0.5000	0	99.9	80	120			
Silver	0.10	0.0050	0.1000	0	103	80	120			

Sample ID: **2306435-001EMS**	SampType: **MS**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **Injection Well**	Batch ID: **75523**	RunNo: **98290**
Prep Date: **6/12/2023**	Analysis Date: **7/18/2023**	SeqNo: **3577059** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.68	0.0020	0.5000	0.1863	97.8	75	125			
Cadmium	0.52	0.0020	0.5000	0	103	75	125			
Chromium	0.50	0.0060	0.5000	0	99.3	75	125			
Silver	0.11	0.0050	0.1000	0	111	75	125			

Sample ID: **2306435-001EMSD**	SampType: **MSD**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **Injection Well**	Batch ID: **75523**	RunNo: **98290**
Prep Date: **6/12/2023**	Analysis Date: **7/18/2023**	SeqNo: **3577060** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.67	0.0020	0.5000	0.1863	97.3	75	125	0.388	20	
Cadmium	0.51	0.0020	0.5000	0	103	75	125	0.279	20	
Chromium	0.49	0.0060	0.5000	0	98.5	75	125	0.825	20	
Silver	0.11	0.0050	0.1000	0	110	75	125	0.959	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **2306435-001CDUP**	SampType: **DUP**		TestCode: **SM4500-H+B / 9040C: pH**		
Client ID: **Injection Well**	Batch ID: **R97391**		RunNo: **97391**		
Prep Date:	Analysis Date: **6/12/2023**		SeqNo: **3538119**	Units: **pH units**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	8.24									H

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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **mb-1 alk**	SampType: **MBLK**	TestCode: **SM2320B: Alkalinity**							
Client ID: **PBW**	Batch ID: **R97391**	RunNo: **97391**							
Prep Date:	Analysis Date: **6/12/2023**	SeqNo: **3538080**	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: **R97391**	RunNo: **97391**							
Prep Date:	Analysis Date: **6/12/2023**	SeqNo: **3538081**	Units: **mg/L CaCO3**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	80.00	20.00	80.00	0	100	90	110			

Sample ID: **2306435-001CDUP**	SampType: **DUP**	TestCode: **SM2320B: Alkalinity**							
Client ID: **Injection Well**	Batch ID: **R97391**	RunNo: **97391**							
Prep Date:	Analysis Date: **6/12/2023**	SeqNo: **3538084**	Units: **mg/L CaCO3**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	689.1	20.00						0.227	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 Quanitative 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#: **2306435**

19-Jul-23

Client: Western Refining Southwest, Inc.

Project: Injection Well June 2023

Sample ID: **MB-75548**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **75548**	RunNo: **97439**
Prep Date: **6/13/2023**	Analysis Date: **6/14/2023**	SeqNo: **3540214** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	50.0								

Sample ID: **LCS-75548**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **75548**	RunNo: **97439**
Prep Date: **6/13/2023**	Analysis Date: **6/14/2023**	SeqNo: **3540215** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	996	50.0	1000	0	99.6	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 Quanitative 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

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: 2306435
RcptNo: 1

Received By: Tracy Casarrubias 6/8/2023 6:25:00 AM
Completed By: Tracy Casarrubias 6/8/2023 1:19:32 PM
Reviewed By: ~~ 6/8/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☐	

HNO3

# of preserved bottles checked for pH: 2 3 6 8 (<2 or >12 unless noted)
Adjusted? YES
Checked by: SCM

pH LOT# 538534
pH LOT# 97DB07

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:

Poured and Filtered ~125mls from unpreserved plattic into metals grade HDPE, and Added ~0.4mls HNO3 (chem # 7162) for 001D FILTER LOT FJ6168. SM 06/08/23 ONE VOA ~~FROM~~ FROM 001A WAS RECEIVED WITH A BUBBLE SM 06/08/23 SM 06/08/23

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.6	Good	Yes			

Received by OCD: 5/20/2024 6:38:28 AM
Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: **Western Refining**

Mailing Address: **50 CR 4990**

Bloomfield, NM 87413

Phone #: **678-594-6377**

email or Fax: gfrussell@marathonpetroleum.com

QA/QC Package:

X Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

X Standard ☐ Rush

Project Name: Injection Well June 2023

Project #: PO # 4500305669

Project Manager: Gary Russell

Sampler:

On Ice: X Yes ☐ No 4°C

# of Coolers: 1

Cooler Temp(including CF): 3.6-Ø=3.6°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2306435	pH, Specific gravity	C/A Balance Dissolved	RCI and ORP	RCRA 8 Metals	Chlordane only by 8081	8260 TCLP list + TEX	8270 TCLP List
6-7-23	9:00	H_2O	Injection Well	500ml P	none	001	x						
				1 liter P	none			x					
				3-500ml P	1- unpres, 1-NaOH, 1-NaOH/ZnAc				x				
				250ml P	HNO3					x			
				1L Amber G	none						x		
				3-40ml VOAs	HCL							x	
				1L Anmer	none								x

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
6-7-23	1430				6/7/23	1430
6/7/23	1821			courier	6/8/23	6:25

Remarks:
Preserve and filter C/A Balance dissolved in the lab.

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

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

October 11, 2023

Gary Russell

Western Refining Southwest, Inc.
#50 CR 4990
Bloomfield, NM 87413
TEL: (505) 632-4135
FAX:

RE: Injection Well September 2023 OrderNo.: 2309266

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/7/2023 for the analyses presented in the following report.

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

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

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

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2309266**
Date Reported: **10/11/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well September 2023 **Collection Date:** 9/6/2023 8:30:00 AM
Lab ID: 2309266-001 **Matrix:** AQUEOUS **Received Date:** 9/7/2023 6:10:00 AM

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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309266**
Date Reported: **10/11/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well September 2023 **Collection Date:** 9/6/2023 8:30:00 AM
Lab ID: 2309266-001 **Matrix:** AQUEOUS **Received Date:** 9/7/2023 6:10:00 AM

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

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

Qualifiers:

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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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309266**
Date Reported: **10/11/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well September 2023 **Collection Date:** 9/6/2023 8:30:00 AM
Lab ID: 2309266-001 **Matrix:** AQUEOUS **Received Date:** 9/7/2023 6:10:00 AM

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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Pace Analytical®

ANALYTICAL REPORT

September 15, 2023

Hall Environmental Analysis Laboratory

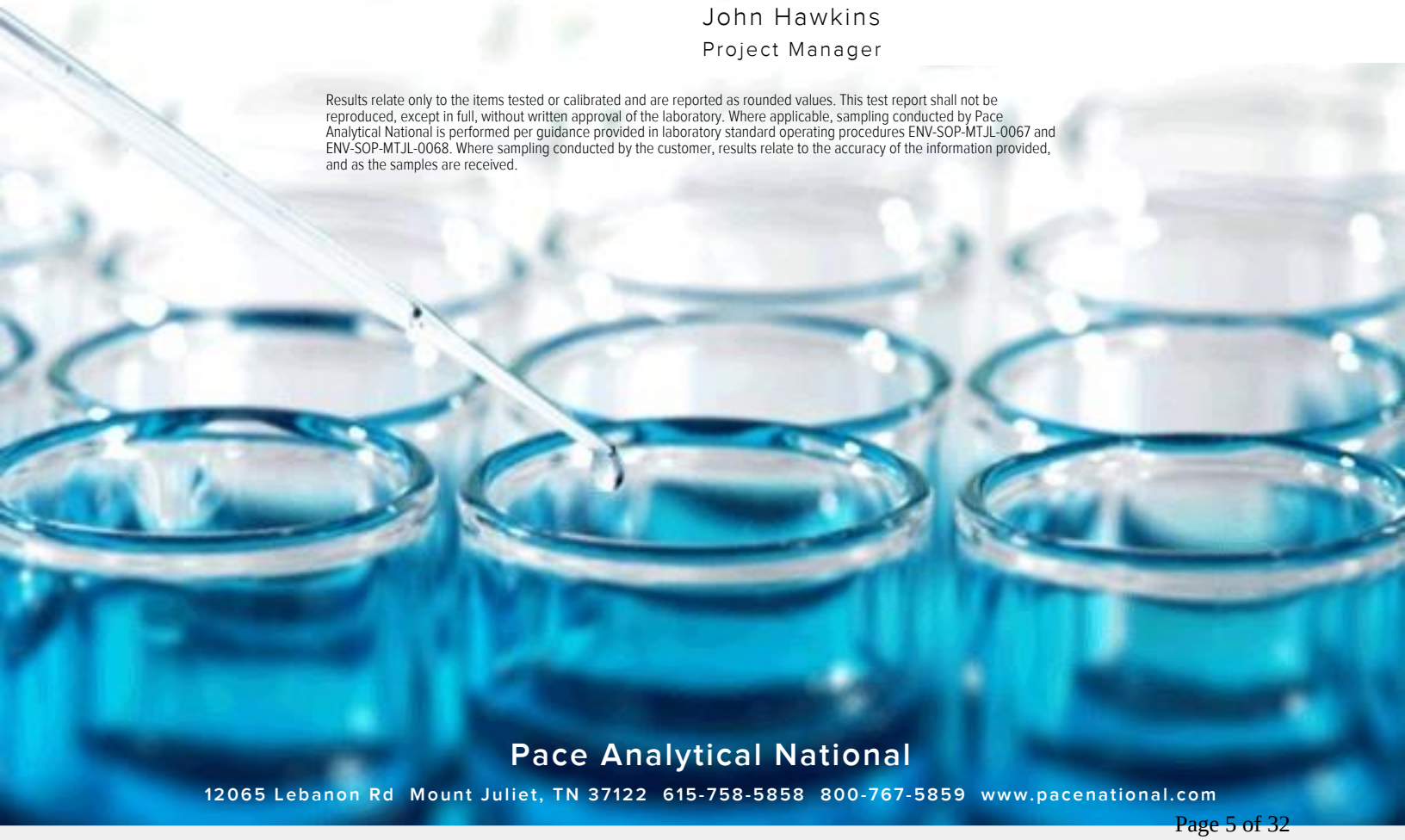
Sample Delivery Group:	L1654073
Samples Received:	09/08/2023
Project Number:	
Description:	

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

Entire Report Reviewed By:

John Hawkins
Project Manager

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



Released to Imaging: 2/26/2025 8:49:06 AM

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SAMPLE SUMMARY

2309266-001F INJECTION WELL L1654073-01 GW

	Collected by	Collected date/time	Received date/time
		09/06/23 08:30	09/08/23 09:00

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

Released to Imaging: 2/26/2025 8:49:06 AM

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.

Released to Imaging: 2/26/2025 8:49:06 AM

Wet Chemistry by Method 2580

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

Wet Chemistry by Method 4500 CN E-2016

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

Wet Chemistry by Method 4500 S2 D-2011

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

Wet Chemistry by Method 9040C

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

Sample Narrative:

L1654073-01 WG2132517: 8.4 at 20.3C

Wet Chemistry by Method D93/1010A

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Method Blank (MB)

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

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

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

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

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

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

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

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

Laboratory Control Sample (LCS)

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

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

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

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

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

Method Blank (MB)

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

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

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

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

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

Laboratory Control Sample (LCS)

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

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

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

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

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.40	8.40	1	0.000		1

Sample Narrative:

OS: 8.4 at 20.3C

DUP: 8.4 at 20.3C

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

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

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.39	7.35	1	0.543		1

Sample Narrative:

OS: 7.39 at 20.4C

DUP: 7.35 at 20.2C

Laboratory Control Sample (LCS)

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

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

Sample Narrative:

LCS: 10.01 at 19.7C

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

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

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

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	125	125	99.0	99.0	96.0-104			0.000	10

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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.

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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	LAO000356
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.

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Received by OCD: 5/20/2024 6:38:28 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

A230

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

SUB CONTRATOR: 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					

L1654073

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2309266-001F	Injection Well	500HDPE	Aqueous	9/6/2023 8:30:00 AM	4	RCI, ORP

-01

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres. Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RA Screen <0.5 mR/hr:	Y N	.8+0=.8	

SPECIAL INSTRUCTIONS / COMMENTS:

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

Relinquished By:	Date: 9/7/2023	Time: 9:42 AM	Received By: Alexa Mitchell	Date: 9/8/23	Time: 0900
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:

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R99537**	RunNo: **99537**
Prep Date:	Analysis Date: **9/7/2023**	SeqNo: **3634826** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R99537**	RunNo: **99537**
Prep Date:	Analysis Date: **9/7/2023**	SeqNo: **3634827** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.48	0.10	0.5000	0	95.4	90	110			
Nitrogen, Nitrite (As N)	0.94	0.10	1.000	0	93.8	90	110			
Bromide	2.3	0.10	2.500	0	93.9	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	96.9	90	110			
Phosphorus, Orthophosphate (As P)	4.6	0.50	5.000	0	91.5	90	110			
Sulfate	9.3	0.50	10.00	0	92.9	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R99939**	RunNo: **99939**
Prep Date:	Analysis Date: **9/22/2023**	SeqNo: **3654963** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R99939**	RunNo: **99939**
Prep Date:	Analysis Date: **9/22/2023**	SeqNo: **3654964** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.5	0.50	5.000	0	90.2	90	110			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R99939**	RunNo: **99939**
Prep Date:	Analysis Date: **9/22/2023**	SeqNo: **3654993** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

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

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								

Sample ID: **MSLCSLL-77490**	SampType: **LCSLL**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **BatchQC**	Batch ID: **77490**	RunNo: **99728**
Prep Date: **9/13/2023**	Analysis Date: **9/15/2023**	SeqNo: **3644698** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.0012	0.0010	0.001000	0	125	70	130			
Lead	0.0010	0.0010	0.001000	0	104	70	130			

Sample ID: **MSLCS-77490**	SampType: **LCS**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **LCSW**	Batch ID: **77490**	RunNo: **99728**
Prep Date: **9/13/2023**	Analysis Date: **9/15/2023**	SeqNo: **3644699** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.048	0.0010	0.05000	0	96.5	80	120			
Lead	0.049	0.0010	0.05000	0	98.6	80	120			

Sample ID: **2309266-001EMSLL**	SampType: **MS**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **Injection Well**	Batch ID: **77490**	RunNo: **100058**
Prep Date: **9/13/2023**	Analysis Date: **9/27/2023**	SeqNo: **3661357** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.052	0.0010	0.05000	0.002237	99.0	75	125			
Selenium	0.051	0.0010	0.05000	0.001125	100	75	125			

Sample ID: **2309266-001EMSDL**	SampType: **MSD**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **Injection Well**	Batch ID: **77490**	RunNo: **100058**
Prep Date: **9/13/2023**	Analysis Date: **9/27/2023**	SeqNo: **3661359** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.054	0.0010	0.05000	0.002237	103	75	125	3.96	20	
Selenium	0.052	0.0010	0.05000	0.001125	102	75	125	1.13	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77472**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651160** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.2		2.500		86.4	38.2	130			
Surr: Tetrachloro-m-xylene	1.6		2.500		62.8	24.5	130			

Sample ID: **LCS-77472**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651161** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		91.3	38.2	130			
Surr: Tetrachloro-m-xylene	1.6		2.500		63.7	24.5	130			

Sample ID: **LCSD-77472**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651162** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.2		2.500		86.8	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		64.3	24.5	130	0	20	

Sample ID: **MB-77472**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651610** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.2		2.500		86.2	38.2	130			
Surr: Tetrachloro-m-xylene	1.5		2.500		60.4	24.5	130			

Sample ID: **LCS-77472**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651611** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		91.9	38.2	130			
Surr: Tetrachloro-m-xylene	1.5		2.500		61.6	24.5	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **LCSD-77472**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651612** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.2		2.500		87.5	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		62.2	24.5	130	0	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **TCLP Volatiles by 8260B**
Client ID: **LCSW**	Batch ID: **TW99685**	RunNo: **99685**
Prep Date:	Analysis Date: **9/13/2023**	SeqNo: **3642412** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.022	0.010	0.02000	0	110	70	130			
1,1-Dichloroethene	0.024	0.010	0.02000	0	118	70	130			
Trichloroethene (TCE)	0.020	0.010	0.02000	0	101	70	130			
Chlorobenzene	0.019	0.010	0.02000	0	96.9	70	130			
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		103	70	130			
Surr: 4-Bromofluorobenzene	0.0091		0.01000		91.3	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		105	70	130			
Surr: Toluene-d8	0.010		0.01000		102	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **TCLP Volatiles by 8260B**
Client ID: **PBW**	Batch ID: **TW99685**	RunNo: **99685**
Prep Date:	Analysis Date: **9/13/2023**	SeqNo: **3642414** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.0097		0.01000		97.3	70	130			
Surr: 4-Bromofluorobenzene	0.0094		0.01000		94.0	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		101	70	130			
Surr: Toluene-d8	0.0093		0.01000		93.3	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**
11-Oct-23

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

Sample ID: **lcs-77473** SampType: **LCS** TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW** Batch ID: **77473** RunNo: **99819**
Prep Date: **9/13/2023** Analysis Date: **9/19/2023** SeqNo: **3649198** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.073	0.00010	0.1000	0	72.7	26.8	92.9			
3+4-Methylphenol	0.14	0.00010	0.2000	0	71.6	23.7	100			
2,4-Dinitrotoluene	0.060	0.00010	0.1000	0	60.3	22.3	71.2			
Hexachlorobenzene	0.079	0.00010	0.1000	0	78.6	26.1	91.6			
Hexachlorobutadiene	0.043	0.00010	0.1000	0	43.1	15	74.2			
Hexachloroethane	0.042	0.00010	0.1000	0	42.0	15	85.4			
Nitrobenzene	0.069	0.00010	0.1000	0	69.2	26.1	89.6			
Pentachlorophenol	0.058	0.00010	0.1000	0	57.8	21.7	89.4			
Pyridine	0.045	0.00010	0.1000	0	45.1	15	68.4			
2,4,5-Trichlorophenol	0.079	0.00010	0.1000	0	79.0	27	97.9			
2,4,6-Trichlorophenol	0.075	0.00010	0.1000	0	75.1	27.9	92.6			
Cresols, Total	0.22	0.00010	0.3000	0	72.0	24.8	97.7			
Surr: 2-Fluorophenol	0.12		0.2000		62.0	20.8	71.9			
Surr: Phenol-d5	0.094		0.2000		46.9	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		86.4	18.8	117			
Surr: Nitrobenzene-d5	0.075		0.1000		74.5	33	85.9			
Surr: 2-Fluorobiphenyl	0.066		0.1000		66.0	26.3	79.6			
Surr: 4-Terphenyl-d14	0.090		0.1000		89.6	53.9	124			

Sample ID: **lcsd-77473** SampType: **LCSD** TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSS02** Batch ID: **77473** RunNo: **99819**
Prep Date: **9/13/2023** Analysis Date: **9/20/2023** SeqNo: **3649199** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.081	0.00010	0.1000	0	81.3	26.8	92.9	11.1	20	
3+4-Methylphenol	0.17	0.00010	0.2000	0	85.9	23.7	100	18.2	20	
2,4-Dinitrotoluene	0.067	0.00010	0.1000	0	67.3	22.3	71.2	11.1	20	
Hexachlorobenzene	0.080	0.00010	0.1000	0	79.8	26.1	91.6	1.50	20	
Hexachlorobutadiene	0.046	0.00010	0.1000	0	46.2	15	74.2	6.93	20	
Hexachloroethane	0.048	0.00010	0.1000	0	48.5	15	85.4	14.4	20	
Nitrobenzene	0.075	0.00010	0.1000	0	75.0	26.1	89.6	8.07	20	
Pentachlorophenol	0.058	0.00010	0.1000	0	57.8	21.7	89.4	0.0224	20	
Pyridine	0.052	0.00010	0.1000	0	51.8	15	68.4	13.9	20	
2,4,5-Trichlorophenol	0.087	0.00010	0.1000	0	86.9	27	97.9	9.54	20	
2,4,6-Trichlorophenol	0.087	0.00010	0.1000	0	87.1	27.9	92.6	14.9	20	
Cresols, Total	0.25	0.00010	0.3000	0	84.4	24.8	97.7	15.9	20	
Surr: 2-Fluorophenol	0.13		0.2000		67.3	20.8	71.9	0	20	
Surr: Phenol-d5	0.10		0.2000		51.3	16.2	54.5	0	20	
Surr: 2,4,6-Tribromophenol	0.17		0.2000		86.7	18.8	117	0	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **lcsd-77473**	SampType: **LCSD**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSS02**	Batch ID: **77473**	RunNo: **99819**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3649199** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.075		0.1000		75.3	33	85.9	0	20	
Surr: 2-Fluorobiphenyl	0.067		0.1000		67.1	26.3	79.6	0	20	
Surr: 4-Terphenyl-d14	0.089		0.1000		89.2	53.9	124	0	20	

Sample ID: **mb-77473**	SampType: **MBLK**	TestCode: **EPA Method 8270C TCLP**
Client ID: **PBW**	Batch ID: **77473**	RunNo: **99819**
Prep Date: **9/13/2023**	Analysis Date: **9/19/2023**	SeqNo: **3649200** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.13		0.2000		67.1	20.8	71.9			
Surr: Phenol-d5	0.10		0.2000		51.2	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		84.7	18.8	117			
Surr: Nitrobenzene-d5	0.073		0.1000		72.8	33	85.9			
Surr: 2-Fluorobiphenyl	0.066		0.1000		65.9	26.3	79.6			
Surr: 4-Terphenyl-d14	0.093		0.1000		93.1	53.9	124			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **LCS-1 98.7uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640094** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	98.70	0	102	85	115			

Sample ID: **LCS-2 98.7uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640120** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	98.70	0	102	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77360**	SampType: **MBLK**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **PBW**	Batch ID: **77360**	RunNo: **99561**
Prep Date: **9/7/2023**	Analysis Date: **9/8/2023**	SeqNo: **3635715** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: **LCSLL-77360**	SampType: **LCSLL**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **BatchQC**	Batch ID: **77360**	RunNo: **99561**
Prep Date: **9/7/2023**	Analysis Date: **9/8/2023**	SeqNo: **3635716** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020	0.0001500	0	80.4	50	150			

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

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	97.4	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

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

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Sodium	ND	1.0								

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A99625**	RunNo: **99625**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3639114** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	50	1.0	50.00	0	99.5	80	120			
Magnesium	50	1.0	50.00	0	99.8	80	120			
Potassium	49	1.0	50.00	0	97.3	80	120			
Sodium	48	1.0	50.00	0	96.2	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77490**	SampType: **MBLK**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **PBW**	Batch ID: **77490**	RunNo: **99814**
Prep Date: **9/13/2023**	Analysis Date: **9/19/2023**	SeqNo: **3648875** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Silver	ND	0.0050								

Sample ID: **LCS-77490**	SampType: **LCS**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **LCSW**	Batch ID: **77490**	RunNo: **99814**
Prep Date: **9/13/2023**	Analysis Date: **9/19/2023**	SeqNo: **3648877** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.50	0.0020	0.5000	0	101	80	120			
Cadmium	0.51	0.0020	0.5000	0	101	80	120			
Chromium	0.51	0.0060	0.5000	0	102	80	120			
Silver	0.10	0.0050	0.1000	0	100	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-1 Alk**	SampType: **MBLK**	TestCode: **SM2320B: Alkalinity**
Client ID: **PBW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640045** Units: **mg/L CaCO3**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	ND	20.00								

Sample ID: **LCS-1 Alk**	SampType: **LCS**	TestCode: **SM2320B: Alkalinity**
Client ID: **LCSW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640046** Units: **mg/L CaCO3**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	78.80	20.00	80.00	0	98.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77445**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **77445**	RunNo: **99676**
Prep Date: **9/12/2023**	Analysis Date: **9/14/2023**	SeqNo: **3643132** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	50.0								

Sample ID: **LCS-77445**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **77445**	RunNo: **99676**
Prep Date: **9/12/2023**	Analysis Date: **9/14/2023**	SeqNo: **3643133** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	50.0	1000	0	103	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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

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

Sample Log-In Check List

Client Name: Western Refining Southwest, Inc. Work Order Number: 2309266 RcptNo: 1

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

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

Reviewed By: ~~9-7-23~~ 9-7-23 9-7-23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☐	# of preserved bottles checked for pH: 2 (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted? YES
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 ☐	Checked by: SCM 9/7/23

HNO3

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

From original unpreserved volume provided in 1 Liter glass amber, ~500mL were oured off into 500mL HDPE for 001C, and ~125mL were poured off and filtered for sample 001D. (Filter Lot# 17246106). Proceeded to add ~0.40mL of HNO3 (Chem#7115) to sample 001D for proper pH- SCM 9/7/23

17. **Cooler Information**

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

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: **Western Refining**

Mailing Address: **50 CR 4990**
Bloomfield, NM 87413

Phone #: **678-594-6377**

email or Fax: gfrussell@marathonpetroleum.com

QA/QC Package:
X Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
X Standard ☐ Rush

Project Name: Injection Well September 2023

Project #: PO # 4900110659

Project Manager: Gary Russell

Sampler:
On Ice: ☒ Yes ☐ No 409i
# of Coolers: 1
Cooler Temp(including CF): 4.6 - 0 = 4.6 c

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2309266	pH, Specific gravity	C/A Balance Dissolved	RCI and ORP	RCRA 8 Metals	Chlordane only by 8081	8260 TCLP list + TEX	8270 TCLP List
9/6/2023	8:30	H_2O	Injection Well	500ml P	none	001	x						
				1 liter P	none			x					
				3-500ml P	1- unpres, 1-NaOH, 1-NaOH/ZnAc				x				
				250ml P	HNO3					x			
				1L Amber G	none						x		
				3-40ml VOAs	HCL							x	
				1L Anmer	none								

Remarks:
Preserve and filter C/A Balance dissolved in the lab.

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
9/6/23	1524				9/6/23	1524
9/6/23	1752			Courier	9/7/23	6:10

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.

eurofins | Environment Testing

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

December 06, 2023

Gary Russell

Western Refining Southwest, Inc.
#50 CR 4990
Bloomfield, NM 87413
TEL: (505) 632-4135
FAX:

RE: Injection Well October 2023 OrderNo.: 2310545

Dear Gary Russell:

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

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

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2310545**
Date Reported: **12/6/2023**

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well October 2023 **Collection Date:** 10/10/2023 9:00:00 AM
Lab ID: 2310545-001 **Matrix:** AQUEOUS **Received Date:** 10/11/2023 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP						Analyst: **JME**	
2-Methylphenol	ND	200		mg/L	1	10/16/2023 7:38:31 PM	78119
3+4-Methylphenol	ND	200		mg/L	1	10/16/2023 7:38:31 PM	78119
2,4-Dinitrotoluene	ND	0.13		mg/L	1	10/16/2023 7:38:31 PM	78119
Hexachlorobenzene	ND	0.13		mg/L	1	10/16/2023 7:38:31 PM	78119
Hexachlorobutadiene	ND	0.50		mg/L	1	10/16/2023 7:38:31 PM	78119
Hexachloroethane	ND	3.0		mg/L	1	10/16/2023 7:38:31 PM	78119
Nitrobenzene	ND	2.0		mg/L	1	10/16/2023 7:38:31 PM	78119
Pentachlorophenol	ND	100		mg/L	1	10/16/2023 7:38:31 PM	78119
Pyridine	ND	5.0		mg/L	1	10/16/2023 7:38:31 PM	78119
2,4,5-Trichlorophenol	ND	400		mg/L	1	10/16/2023 7:38:31 PM	78119
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	10/16/2023 7:38:31 PM	78119
Cresols, Total	ND	200		mg/L	1	10/16/2023 7:38:31 PM	78119
Surr: 2-Fluorophenol	11.4	20.8-71.9	S	%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: Phenol-d5	28.6	16.2-54.5		%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: 2,4,6-Tribromophenol	13.0	18.8-117	S	%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: Nitrobenzene-d5	76.0	33-85.9		%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: 2-Fluorobiphenyl	62.0	26.3-79.6		%Rec	1	10/16/2023 7:38:31 PM	78119
Surr: 4-Terphenyl-d14	92.2	53.9-124		%Rec	1	10/16/2023 7:38:31 PM	78119
SPECIFIC GRAVITY						Analyst: **RBC**	
Specific Gravity	1.001	0			1	10/19/2023 4:03:00 PM	R100593
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Fluoride	ND	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Chloride	580	25	*	mg/L	50	10/23/2023 4:02:25 PM	R100681
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Bromide	1.8	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	10/11/2023 5:36:25 PM	A100407
Phosphorus, Orthophosphate (As P)	ND	2.5		mg/L	5	10/11/2023 5:36:25 PM	A100407
Sulfate	110	2.5		mg/L	5	10/11/2023 5:36:25 PM	A100407
SM2510B: SPECIFIC CONDUCTANCE						Analyst: **RBC**	
Conductivity	2700	10		µmhos/c	1	10/20/2023 7:54:07 PM	R100636
SM2320B: ALKALINITY						Analyst: **RBC**	
Bicarbonate (As CaCO3)	366.0	20.00		mg/L Ca	1	10/20/2023 7:54:07 PM	R100636
Carbonate (As CaCO3)	ND	2.000		mg/L Ca	1	10/20/2023 7:54:07 PM	R100636
Total Alkalinity (as CaCO3)	366.0	20.00		mg/L Ca	1	10/20/2023 7:54:07 PM	R100636
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **MCA**	
Total Dissolved Solids	1460	250	*D	mg/L	1	10/16/2023 3:15:00 PM	78147

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2310545**
Date Reported: **12/6/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well October 2023 **Collection Date:** 10/10/2023 9:00:00 AM
Lab ID: 2310545-001 **Matrix:** AQUEOUS **Received Date:** 10/11/2023 6:40:00 AM

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

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

Qualifiers:

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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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2310545**
Date Reported: **12/6/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well October 2023 **Collection Date:** 10/10/2023 9:00:00 AM
Lab ID: 2310545-001 **Matrix:** AQUEOUS **Received Date:** 10/11/2023 6:40:00 AM

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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
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PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

ANALYTICAL REPORT

October 19, 2023

Hall Environmental Analysis Laboratory

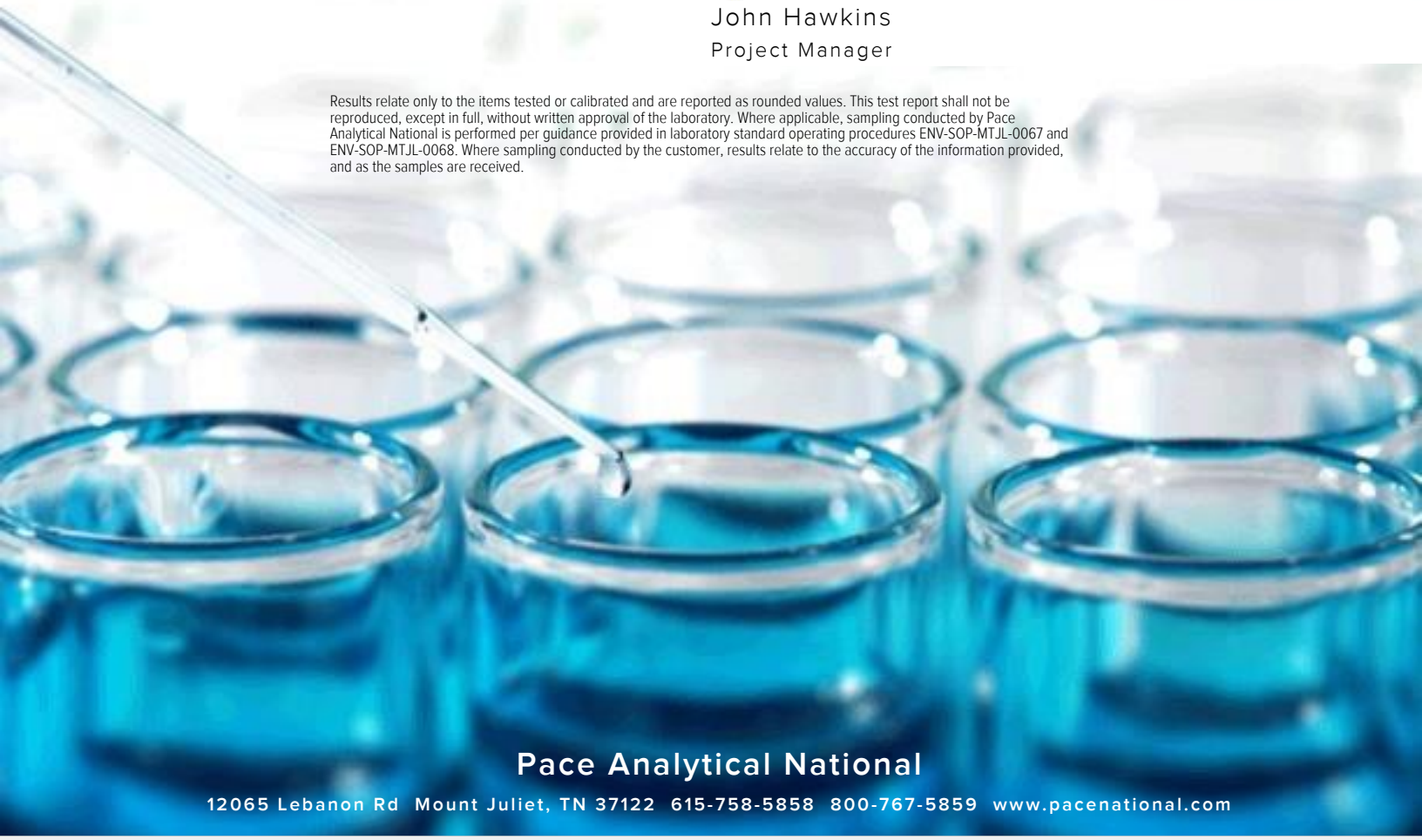
Sample Delivery Group:	L1665846
Samples Received:	10/12/2023
Project Number:	
Description:	

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

Entire Report Reviewed By:

John Hawkins
Project Manager

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



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

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SAMPLE SUMMARY

2310545-001F INJECTION WELL L1665846-01 GW

Collected by	Collected date/time	Received date/time
	10/10/23 09:00	10/12/23 09:00

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

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

John Hawkins
Project Manager

Project Narrative

All Reactive Cyanide results reported in the attached report were determined as totals using method 4500 CN E-2016.
All Reactive Sulfide results reported in the attached report were determined as totals using method 4500 S2 D-2011.

Wet Chemistry by Method 2580

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

Wet Chemistry by Method 4500 CN E-2016

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

Wet Chemistry by Method 4500 S2 D-2011

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

Wet Chemistry by Method 9040C

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

Sample Narrative:

L1665846-01 WG2153323: 7.93 at 19.7C

Wet Chemistry by Method D93/1010A

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

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

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

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	46.8	51.7	1	4.90		20

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

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

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	59.0	57.7	1	1.30		20

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

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

Analyte	Original Result mV	DUP Result mV	Dilution	DUP Diff mV	DUP Qualifier	DUP Diff Limits mV
ORP	115	120	1	4.40		20

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

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

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

Method Blank (MB)

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

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

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

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

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

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

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

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

Laboratory Control Sample (LCS)

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

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

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

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

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Reactive Cyanide	0.100	ND	0.0923	0.0941	92.3	94.1	1	90.0-110			1.93	20

Received by OCD: 5/20/2024 6:38:28 AM

Method Blank (MB)

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

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

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

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

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

Laboratory Control Sample (LCS)

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

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

Released to Imaging: 2/26/2025 8:49:06 AM

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

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

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.21	7.20	1	0.139		1

Sample Narrative:

OS: 7.21 at 19.8C

DUP: 7.2 at 19.6C

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

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

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.77	7.78	1	0.129		1

Sample Narrative:

OS: 7.77 at 19.3C

DUP: 7.78 at 19.6C

Laboratory Control Sample (LCS)

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

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

Sample Narrative:

LCS: 9.99 at 20.7C

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

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

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

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

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

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

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	129	127	102	101	96.0-104			1.57	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
T8	Sample(s) received past/too close to holding time expiration.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
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.

Received by OCD: 5/20/2024 6:38:28 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

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

D044

SUB CONTRATOR: 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					

L1665846

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2310545-001F	Injection Well	500HDPE	Aqueous	10/10/2023 9:00:00 AM	3	RCI, ORP -01

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres. Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RA Screen <0.5 mR/hr:	Y N	4.3 to=4.3	

T# 7737 1190 1550

SPECIAL INSTRUCTIONS / COMMENTS:

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

20

Relinquished By:	Date: 10/11/2023	Time: 11:42 AM	Received By: Alexa Mitchell	Date: 10/12/23	Time: 0900
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard [X] 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: _____

Released to Imaging: 2/26/2025 8:49:06 AM

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **A100407**	RunNo: **100407**
Prep Date:	Analysis Date: **10/11/2023**	SeqNo: **3677957** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **A100407**	RunNo: **100407**
Prep Date:	Analysis Date: **10/11/2023**	SeqNo: **3677958** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.48	0.10	0.5000	0	95.4	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	98.8	90	110			
Bromide	2.5	0.10	2.500	0	98.2	90	110			
Nitrogen, Nitrate (As N)	2.6	0.10	2.500	0	102	90	110			
Phosphorus, Orthophosphate (As P)	5.0	0.50	5.000	0	100	90	110			
Sulfate	9.9	0.50	10.00	0	99.1	90	110			

Sample ID: **2310545-001CMS**	SampType: **MS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **Injection Well**	Batch ID: **A100407**	RunNo: **100407**
Prep Date:	Analysis Date: **10/11/2023**	SeqNo: **3677960** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	2.5	0.50	2.500	0.2565	90.0	70	130			
Nitrogen, Nitrite (As N)	4.5	0.50	5.000	0	90.6	80	120			
Bromide	14	0.50	12.50	1.750	97.1	80	120			
Nitrogen, Nitrate (As N)	13	0.50	12.50	0	102	80	120			
Phosphorus, Orthophosphate (As P)	24	2.5	25.00	0	97.9	80	120			
Sulfate	160	2.5	50.00	112.4	102	80	120			

Sample ID: **2310545-001CMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **Injection Well**	Batch ID: **A100407**	RunNo: **100407**
Prep Date:	Analysis Date: **10/11/2023**	SeqNo: **3677961** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	2.5	0.50	2.500	0.2565	91.7	70	130	1.66	20	
Nitrogen, Nitrite (As N)	4.6	0.50	5.000	0	91.6	80	120	1.14	20	
Bromide	14	0.50	12.50	1.750	98.5	80	120	1.31	20	
Nitrogen, Nitrate (As N)	13	0.50	12.50	0	103	80	120	1.13	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **2310545-001CMSD**	SampType: **MSD**	TestCode: **EPA Method 300.0: Anions**
Client ID: **Injection Well**	Batch ID: **A100407**	RunNo: **100407**
Prep Date:	Analysis Date: **10/11/2023**	SeqNo: **3677961** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phosphorus, Orthophosphate (As P)	25	2.5	25.00	0	99.6	80	120	1.66	20	
Sulfate	170	2.5	50.00	112.4	106	80	120	1.01	20	

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R100681**	RunNo: **100681**
Prep Date:	Analysis Date: **10/23/2023**	SeqNo: **3691972** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R100681**	RunNo: **100681**
Prep Date:	Analysis Date: **10/23/2023**	SeqNo: **3691974** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.9	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **MB-78114**	SampType: **MBLK**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **PBW**	Batch ID: **78114**	RunNo: **100628**
Prep Date: **10/12/2023**	Analysis Date: **10/20/2023**	SeqNo: **3689340** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								
Selenium	ND	0.0010								

Sample ID: **MSLCSLL-78114**	SampType: **LCSLL**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **BatchQC**	Batch ID: **78114**	RunNo: **100628**
Prep Date: **10/12/2023**	Analysis Date: **10/20/2023**	SeqNo: **3689341** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010	0.001000	0	97.5	70	130			
Lead	ND	0.0010	0.001000	0	93.7	70	130			
Selenium	ND	0.0010	0.001000	0	96.3	70	130			

Sample ID: **MSLCS-78114**	SampType: **LCS**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **LCSW**	Batch ID: **78114**	RunNo: **100628**
Prep Date: **10/12/2023**	Analysis Date: **10/20/2023**	SeqNo: **3689342** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.049	0.0010	0.05000	0	97.9	80	120			
Lead	0.049	0.0010	0.05000	0	98.4	80	120			
Selenium	0.050	0.0010	0.05000	0	99.9	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **MB-78111**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **78111**	RunNo: **100525**
Prep Date: **10/12/2023**	Analysis Date: **10/17/2023**	SeqNo: **3684456** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.1		2.500		85.8	38.2	130			
Surr: Tetrachloro-m-xylene	1.4		2.500		56.4	24.5	130			

Sample ID: **LCS-78111**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **78111**	RunNo: **100525**
Prep Date: **10/12/2023**	Analysis Date: **10/17/2023**	SeqNo: **3684457** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.9		2.500		76.6	38.2	130			
Surr: Tetrachloro-m-xylene	1.3		2.500		52.1	24.5	130			

Sample ID: **LCSD-78111**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **78111**	RunNo: **100525**
Prep Date: **10/12/2023**	Analysis Date: **10/17/2023**	SeqNo: **3684458** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.0		2.500		80.5	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.1		2.500		45.3	24.5	130	0	20	

Sample ID: **MB-78111**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **78111**	RunNo: **100525**
Prep Date: **10/12/2023**	Analysis Date: **10/17/2023**	SeqNo: **3684459** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.2		2.500		86.3	38.2	130			
Surr: Tetrachloro-m-xylene	1.4		2.500		56.8	24.5	130			

Sample ID: **LCS-78111**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **78111**	RunNo: **100525**
Prep Date: **10/12/2023**	Analysis Date: **10/17/2023**	SeqNo: **3684460** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	1.9		2.500		76.3	38.2	130			
Surr: Tetrachloro-m-xylene	1.3		2.500		51.8	24.5	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **LCSD-78111**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **78111**	RunNo: **100525**
Prep Date: **10/12/2023**	Analysis Date: **10/17/2023**	SeqNo: **3684461** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.0		2.500		80.4	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.1		2.500		44.6	24.5	130	0	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **100ng lcs2** SampType: **LCS** TestCode: **TCLP Volatiles by 8260B**

Client ID: **LCSW** Batch ID: **T100565** RunNo: **100565**

Prep Date: Analysis Date: **10/18/2023** SeqNo: **3686029** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.021	0.010	0.02000	0	103	70	130			
1,1-Dichloroethene	0.024	0.010	0.02000	0	120	70	130			
Trichloroethene (TCE)	0.020	0.010	0.02000	0	97.9	70	130			
Chlorobenzene	0.021	0.010	0.02000	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	0.011		0.01000		105	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		103	70	130			
Surr: Dibromofluoromethane	0.0098		0.01000		98.4	70	130			
Surr: Toluene-d8	0.0099		0.01000		99.5	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **TCLP Volatiles by 8260B**

Client ID: **PBW** Batch ID: **T100565** RunNo: **100565**

Prep Date: Analysis Date: **10/18/2023** SeqNo: **3686031** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		104	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		103	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		99.7	70	130			
Surr: Toluene-d8	0.0096		0.01000		95.9	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**
06-Dec-23

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

Sample ID: **MB-78119**	SampType: **MBLK**	TestCode: **EPA Method 8270C TCLP**
Client ID: **PBW**	Batch ID: **78119**	RunNo: **100483**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3682313** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.069		0.2000		34.5	20.8	71.9			
Surr: Phenol-d5	0.055		0.2000		27.4	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.069		0.2000		34.7	18.8	117			
Surr: Nitrobenzene-d5	0.041		0.1000		40.7	33	85.9			
Surr: 2-Fluorobiphenyl	0.031		0.1000		31.3	26.3	79.6			
Surr: 4-Terphenyl-d14	0.063		0.1000		62.7	53.9	124			

Sample ID: **LCS-78119**	SampType: **LCS**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW**	Batch ID: **78119**	RunNo: **100483**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3682314** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.043	0.00010	0.1000	0	43.3	26.8	92.9			
3+4-Methylphenol	0.089	0.00010	0.2000	0	44.3	23.7	100			
2,4-Dinitrotoluene	0.031	0.00010	0.1000	0	31.2	22.3	71.2			
Hexachlorobenzene	0.044	0.00010	0.1000	0	43.8	26.1	91.6			
Hexachlorobutadiene	0.024	0.00010	0.1000	0	24.3	15	74.2			
Hexachloroethane	0.027	0.00010	0.1000	0	26.6	15	85.4			
Nitrobenzene	0.045	0.00010	0.1000	0	45.2	26.1	89.6			
Pentachlorophenol	0.040	0.00010	0.1000	0	40.1	21.7	89.4			
Pyridine	0.029	0.00010	0.1000	0	29.4	15	68.4			
2,4,5-Trichlorophenol	0.044	0.00010	0.1000	0	43.9	27	97.9			
2,4,6-Trichlorophenol	0.044	0.00010	0.1000	0	44.2	27.9	92.6			
Cresols, Total	0.13	0.00010	0.3000	0	43.9	24.8	97.7			
Surr: 2-Fluorophenol	0.071		0.2000		35.6	20.8	71.9			
Surr: Phenol-d5	0.054		0.2000		27.1	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.077		0.2000		38.6	18.8	117			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **LCS-78119**	SampType: **LCS**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW**	Batch ID: **78119**	RunNo: **100483**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3682314** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.044		0.1000		44.3	33	85.9			
Surr: 2-Fluorobiphenyl	0.033		0.1000		33.5	26.3	79.6			
Surr: 4-Terphenyl-d14	0.054		0.1000		54.3	53.9	124			

Sample ID: **MB-78188**	SampType: **MBLK**	TestCode: **EPA Method 8270C TCLP**
Client ID: **PBW**	Batch ID: **78188**	RunNo: **100669**
Prep Date: **10/19/2023**	Analysis Date: **10/23/2023**	SeqNo: **3691658** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.099		0.2000		49.6	20.8	71.9			
Surr: Phenol-d5	0.083		0.2000		41.5	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.14		0.2000		68.8	18.8	117			
Surr: Nitrobenzene-d5	0.055		0.1000		55.2	33	85.9			
Surr: 2-Fluorobiphenyl	0.036		0.1000		36.2	26.3	79.6			
Surr: 4-Terphenyl-d14	0.079		0.1000		78.7	53.9	124			

Sample ID: **LCS-78188**	SampType: **LCS**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW**	Batch ID: **78188**	RunNo: **100669**
Prep Date: **10/19/2023**	Analysis Date: **10/23/2023**	SeqNo: **3691659** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	0.11		0.2000		53.8	20.8	71.9			
Surr: Phenol-d5	0.091		0.2000		45.6	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.15		0.2000		75.3	18.8	117			
Surr: Nitrobenzene-d5	0.062		0.1000		61.7	33	85.9			
Surr: 2-Fluorobiphenyl	0.044		0.1000		43.6	26.3	79.6			
Surr: 4-Terphenyl-d14	0.082		0.1000		82.1	53.9	124			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **LCS-1 99.5uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R100636**	RunNo: **100636**
Prep Date:	Analysis Date: **10/20/2023**	SeqNo: **3690133** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	99.50	0	101	85	115			

Sample ID: **LCSD-1 99.5 uS eC**	SampType: **LCSD**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSS02**	Batch ID: **R100636**	RunNo: **100636**
Prep Date:	Analysis Date: **10/20/2023**	SeqNo: **3690134** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	99.50	0	101	85	115	0.198	0	

Sample ID: **LCS-2 99.5uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R100636**	RunNo: **100636**
Prep Date:	Analysis Date: **10/20/2023**	SeqNo: **3690162** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	99	10	99.50	0	99.5	85	115			

Sample ID: **LCS-3 99.5uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R100636**	RunNo: **100636**
Prep Date:	Analysis Date: **10/20/2023**	SeqNo: **3690188** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	99.50	0	102	85	115			

Sample ID: **LCS-4 99.5uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R100636**	RunNo: **100636**
Prep Date:	Analysis Date: **10/20/2023**	SeqNo: **3690214** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	110	10	99.50	0	106	85	115			

Qualifiers:

*	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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **MB-78586**	SampType: **MBLK**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **PBW**	Batch ID: **78586**	RunNo: **101007**
Prep Date: **11/6/2023**	Analysis Date: **11/7/2023**	SeqNo: **3707709** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: **LCSLL-78586**	SampType: **LCSLL**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **BatchQC**	Batch ID: **78586**	RunNo: **101007**
Prep Date: **11/6/2023**	Analysis Date: **11/7/2023**	SeqNo: **3707710** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020	0.0001500	0	92.9	50	150			

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

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	97.3	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **MB-A**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **A100484**	RunNo: **100484**
Prep Date:	Analysis Date: **10/16/2023**	SeqNo: **3681801** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.00								
Magnesium	ND	1.00								
Potassium	ND	1.00								
Sodium	ND	1.00								

Sample ID: **LCS_CAT-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A100484**	RunNo: **100484**
Prep Date:	Analysis Date: **10/16/2023**	SeqNo: **3681804** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	51.6	1.00	50.00	0	103	80	120			
Magnesium	52.8	1.00	50.00	0	106	80	120			
Potassium	52.5	1.00	50.00	0	105	80	120			
Sodium	52.5	1.00	50.00	0	105	80	120			

Sample ID: **LCSD_CAT-A**	SampType: **LCSD**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSS02**	Batch ID: **A100484**	RunNo: **100484**
Prep Date:	Analysis Date: **10/16/2023**	SeqNo: **3681808** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	52	1.0	50.00	0	103	80	120	0.151	20	
Magnesium	52	1.0	50.00	0	103	80	120	2.16	20	
Potassium	51	1.0	50.00	0	102	80	120	2.54	20	
Sodium	51	1.0	50.00	0	103	80	120	2.22	20	

Sample ID: **2310545-001DMS**	SampType: **MS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **Injection Well**	Batch ID: **A100484**	RunNo: **100484**
Prep Date:	Analysis Date: **10/16/2023**	SeqNo: **3681834** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	82	1.0	50.00	32.65	98.4	75	125			
Magnesium	81	1.0	50.00	30.53	100	75	125			
Potassium	67	1.0	50.00	18.03	98.9	75	125			

Sample ID: **2310545-001DMSD**	SampType: **MSD**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **Injection Well**	Batch ID: **A100484**	RunNo: **100484**
Prep Date:	Analysis Date: **10/16/2023**	SeqNo: **3681838** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	81	1.0	50.00	32.65	97.6	75	125	0.506	20	

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 Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **2310545-001DMSD**	SampType: **MSD**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **Injection Well**	Batch ID: **A100484**	RunNo: **100484**
Prep Date:	Analysis Date: **10/16/2023**	SeqNo: **3681838** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Magnesium	79	1.0	50.00	30.53	96.5	75	125	2.28	20	
Potassium	67	1.0	50.00	18.03	98.0	75	125	0.646	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **MB-78114**	SampType: **MBLK**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **PBW**	Batch ID: **78114**	RunNo: **100484**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3681881** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.00200								
Cadmium	ND	0.00200								
Chromium	ND	0.00600								
Silver	ND	0.00500								

Sample ID: **LCS-78114**	SampType: **LCS**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **LCSW**	Batch ID: **78114**	RunNo: **100484**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3681883** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.492	0.00200	0.5000	0	98.4	80	120			
Cadmium	0.488	0.00200	0.5000	0	97.5	80	120			
Chromium	0.482	0.00600	0.5000	0	96.3	80	120			
Silver	0.0992	0.00500	0.1000	0	99.2	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

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

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

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

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

Sample ID: **LCS-2 Alk**	SampType: **LCS**	TestCode: **SM2320B: Alkalinity**							
Client ID: **LCSW**	Batch ID: **R100636**	RunNo: **100636**							
Prep Date:	Analysis Date: **10/20/2023**	SeqNo: **3690011**	Units: **mg/L CaCO3**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	76.84	20.00	80.00	0	96.0	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2310545**

06-Dec-23

Client: Western Refining Southwest, Inc.

Project: Injection Well October 2023

Sample ID: **MB-78147**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **78147**	RunNo: **100480**
Prep Date: **10/13/2023**	Analysis Date: **10/16/2023**	SeqNo: **3681696** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	50.0								

Sample ID: **LCS-78147**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **78147**	RunNo: **100480**
Prep Date: **10/13/2023**	Analysis Date: **10/16/2023**	SeqNo: **3681697** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1000	50.0	1000	0	100	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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

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

Sample Log-In Check List

Client Name: Western Refining Southwest, Inc.

Work Order Number: 2310545

RcptNo: 1

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

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

Reviewed By: DAD 10/11/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° 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 ☐ HNO3
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: 2 (<2 or >12 unless noted)

Adjusted? yes

Checked by: TM 10/11/23

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

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

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.2	Good	Yes	Yogi		

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: **Western Refining**

Mailing Address: **50 CR 4990**

Bloomfield, NM 87413

Phone #: **678-594-6377**

email or Fax: gfrussell@marathonpetroleum.com

QA/QC Package:

X Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

X Standard ☐ Rush

Project Name: Injection Well October 2023

Project #: PO # 4900110659

Project Manager: Gary Russell

Sampler:

On Ice: ☑ Yes ☐ No 4 logi

# of Coolers: 1

Cooler Temp(including CF): 4.2 - 0 = 4.2 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2310545	pH, Specific gravity	C/A Balance Dissolved	RCI and ORP	RCRA 8 Metals	Chlordane only by 8081	8260 TCLP list + TEX	8270 TCLP List
10/10/23	9:00	H_2O	Injection Well	500ml P	none	001	x						
				1 liter P	none			x					
				3-500ml P	1- unpres, 1-NaOH, 1-NaOH/ZnAc				x				
				250ml P	HNO3					x			
				1L Amber G	none						x		
				3-40ml VOAs	HCL							x	
				1L Anmer	none								x

Date:	Time:	Relinquished by:	Received by:	Via: Courier	Date	Time
10/10/23	2:30 pm	MR M			10/11/23	6:40
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:
Preserve and filter C/A Balance dissolved in the lab.

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

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

February 14, 2023

Stuart Hyde
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX:

RE: Bloomfield Terminal OrderNo.: 2302447

Dear Stuart Hyde:

Hall Environmental Analysis Laboratory received 4 sample(s) on 2/9/2023 for the analyses presented in the following report.

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

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

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

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2302447**
Date Reported: **2/14/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-52
Project: Bloomfield Terminal **Collection Date:** 2/8/2023 1:18:00 PM
Lab ID: 2302447-001 **Matrix:** AQUEOUS **Received Date:** 2/9/2023 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	450	50	*	mg/L	100	2/9/2023 2:40:08 PM	R94534
Sulfate	1500	50	*	mg/L	100	2/9/2023 2:40:08 PM	R94534

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2302447**
Date Reported: **2/14/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM
Client Sample ID: MW-53
Project: Bloomfield Terminal
Collection Date: 2/8/2023 1:37:00 PM
Lab ID: 2302447-002 **Matrix:** AQUEOUS **Received Date:** 2/9/2023 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	840	50	*	mg/L	100	2/9/2023 3:04:58 PM	R94534
Sulfate	1100	50	*	mg/L	100	2/9/2023 3:04:58 PM	R94534

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2302447**
Date Reported: **2/14/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-68
Project: Bloomfield Terminal **Collection Date:** 2/8/2023 2:10:00 PM
Lab ID: 2302447-003 **Matrix:** AQUEOUS **Received Date:** 2/9/2023 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	38	5.0		mg/L	10	2/9/2023 3:17:22 PM	R94534
Sulfate	320	5.0	*	mg/L	10	2/9/2023 3:17:22 PM	R94534

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2302447**
Date Reported: **2/14/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-78
Project: Bloomfield Terminal **Collection Date:** 2/8/2023 12:50:00 PM
Lab ID: 2302447-004 **Matrix:** AQUEOUS **Received Date:** 2/9/2023 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	170	5.0		mg/L	10	2/9/2023 4:07:02 PM	R94534
Sulfate	1300	50	*	mg/L	100	2/9/2023 4:44:17 PM	R94534

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 Quanitative 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#: **2302447**

14-Feb-23

Client: ENSOLUM

Project: Bloomfield Terminal

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R94534**	RunNo: **94534**
Prep Date:	Analysis Date: **2/9/2023**	SeqNo: **3416895** 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: **R94534**	RunNo: **94534**
Prep Date:	Analysis Date: **2/9/2023**	SeqNo: **3416896** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.7	90	110			
Sulfate	9.5	0.50	10.00	0	94.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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

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

Sample Log-In Check List

Client Name: ENSOLUM Work Order Number: 2302447 RcptNo: 1

Received By: Juan Rojas 2/9/2023 7:15:00 AM

Completed By: Tracy Casarrubias 2/9/2023 10:10:01 AM

Reviewed By: JR 2/9/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 2-9-23

Special Handling (if applicable)

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

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.3	Good	Yes	Morty		

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: Ensolum

Stuart Hyde

Mailing Address:

Phone #:

email or Fax#: Shyde@ensolum.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Bloomfield Terminal

Project #: 07A2015006

Project Manager: Stuart Hyde

Sampler: E. Carroll

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Marty

Cooler Temp(including CF): 0.4-0.1=0.3 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2302447	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride	Sulfate
2-8	1318	Aq	MW-52	1 plastic	Cool	001											X	X
↓	1337	↓	MW-53	↓	↓	002											X	X
	1410		MW-68			003											X	X
↓	1250	↓	MW-78	↓	↓	004											X	X

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
2-8	1548				2/8/23	1548
2/8/23	1810				2/9/23	7:15

Remarks:

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

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

June 27, 2023

Stuart Hyde
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX:

RE: BT OrderNo.: 2306804

Dear Stuart Hyde:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/15/2023 for the analyses presented in the following report.

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

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

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

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2306804**
Date Reported: **6/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-52
Project: BT **Collection Date:** 6/14/2023 1:20:00 PM
Lab ID: 2306804-001 **Matrix:** GROUNDWA **Received Date:** 6/15/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	870	50	*	mg/L	100	6/21/2023 1:29:12 PM	R97630
Sulfate	1300	50	*	mg/L	100	6/21/2023 1:29:12 PM	R97630

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306804**
Date Reported: **6/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-53
Project: BT **Collection Date:** 6/14/2023 1:50:00 PM
Lab ID: 2306804-002 **Matrix:** GROUNDWA **Received Date:** 6/15/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	800	50	*	mg/L	100	6/21/2023 1:42:04 PM	R97630
Sulfate	1200	50	*	mg/L	100	6/21/2023 1:42:04 PM	R97630

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306804**
Date Reported: **6/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-68
Project: BT **Collection Date:** 6/14/2023 12:30:00 PM
Lab ID: 2306804-003 **Matrix:** GROUNDWA **Received Date:** 6/15/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **SNS**	
Chloride	180	10		mg/L	20	6/15/2023 5:16:42 PM	R97496
Sulfate	510	10	*	mg/L	20	6/15/2023 5:16:42 PM	R97496

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2306804**
Date Reported: **6/27/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** MW-78
Project: BT **Collection Date:** 6/14/2023 1:00:00 PM
Lab ID: 2306804-004 **Matrix:** GROUNDWA **Received Date:** 6/15/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **SNS**	
Chloride	240	10		mg/L	20	6/15/2023 5:42:26 PM	R97496
Sulfate	2100	25	*	mg/L	50	6/21/2023 1:54:57 PM	R97630

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 Quanitative 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#: **2306804**

27-Jun-23

Client: ENSOLUM

Project: BT

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R97496**	RunNo: **97496**
Prep Date:	Analysis Date: **6/15/2023**	SeqNo: **3542672** 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: **R97496**	RunNo: **97496**
Prep Date:	Analysis Date: **6/15/2023**	SeqNo: **3542673** 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	98.3	90	110			
Sulfate	10	0.50	10.00	0	99.8	90	110			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R97630**	RunNo: **97630**
Prep Date:	Analysis Date: **6/21/2023**	SeqNo: **3550058** 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: **R97630**	RunNo: **97630**
Prep Date:	Analysis Date: **6/21/2023**	SeqNo: **3550059** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	96.1	90	110			
Sulfate	9.8	0.50	10.00	0	97.7	90	110			

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: ENSOLUM | Work Order Number: 2306804 | RcptNo: 1

Received By: Cheyenne Cason 6/15/2023 7:00:00 AM

Completed By: Tracy Casarrubias 6/15/2023 9:05:15 AM

Reviewed By: TMC 6/15/23

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: SCM 06/15/23

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions: Mailing addressand phone number are missing on COC- TMC 6/15/23

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.5	Good	Yes	Yogi		

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: Ensolum LLC

Stuart Hyde

Mailing Address:

Phone #:

email or Fax#: Shyde@ensolum.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: BT

Project #: 07A2015003

Project Manager: Stuart Hyde

Sampler: E. Carroll

On Ice: ☒ Yes ☐ No Yogi

# of Coolers: 1

Cooler Temp (Including CF): 1.5-0 = 1.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2306804	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Sulfate	Chloride
6-14	13:20	GW	MW52	1 1.75 ml	C001	001											X	X
	13:50		MW53			002											X	X
	12:30		MW68			003											X	X
	13:00		MW78			004											X	X

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
6-14	1431	Eric Carroll				1431
6/14/23	1618		emc courier		6/15/23	0700

Remarks:

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.

eurofins | Environment Testing

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

November 06, 2023

Stuart Hyde
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX:

RE: BT OrderNo.: 2310C44

Dear Stuart Hyde:

Eurofins Environment Testing South Central, LLC received 3 sample(s) on 10/26/2023 for the analyses presented in the following report.

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

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order: **2310C44**
Date Reported: **11/6/2023**

CLIENT: ENSOLUM **Lab Order:** 2310C44
Project: BT

Lab ID: 2310C44-001 **Collection Date:** 10/25/2023 12:10:00 PM
Client Sample ID: MW-52 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	1400	50	*	mg/L	100	10/27/2023 10:27:01 AM	R10080
Sulfate	1500	50	*	mg/L	100	10/27/2023 10:27:01 AM	R10080

Lab ID: 2310C44-002 **Collection Date:** 10/25/2023 12:30:00 PM
Client Sample ID: MW-53 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	860	50	*	mg/L	100	10/27/2023 11:16:39 AM	R10080
Sulfate	1300	50	*	mg/L	100	10/27/2023 11:16:39 AM	R10080

Lab ID: 2310C44-003 **Collection Date:** 10/25/2023 11:45:00 AM
Client Sample ID: MW-68 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	340	50	*	mg/L	100	10/27/2023 12:06:16 PM	R10080
Sulfate	720	50	*	mg/L	100	10/27/2023 12:06:16 PM	R10080

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 Quanitative 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#: **2310C44**

06-Nov-23

Client: ENSOLUM

Project: BT

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R100805**	RunNo: **100805**
Prep Date:	Analysis Date: **10/27/2023**	SeqNo: **3697394** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R100805**	RunNo: **100805**
Prep Date:	Analysis Date: **10/27/2023**	SeqNo: **3697395** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.5	90	110			
Sulfate	9.7	0.50	10.00	0	97.2	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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 592 of 724

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: ENSOLUM Work Order Number: 2310C44 RcptNo: 1

Received By: Juan Rojas 10/26/2023 7:30:00 AM

Completed By: Cheyenne Cason 10/26/2023 12:38:25 PM

Reviewed By: JR 10/26/23

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: ____ (<2 or >12 unless noted)

Adjusted? ____

Checked by: SCM 10/26/23

Special Handling (if applicable)

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

Person Notified: ____ Date: ____

By Whom: ____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: ____

Client Instructions: ____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good	Yes	Yogi		

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: Ensolum

Mailing Address: 770 E 2nd Ave
Durango CO 81301

Phone #:

email or Fax#: shyde@ensolum.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: BT

Project #: 07A2015001

Project Manager: Stuart Hyde

Sampler: E. Carroll

On Ice: ☐ Yes ☐ No

# of Coolers: 1 40%

Cooler Temp (Including CF): 7.0-0.1=6.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2310C44	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	<1 SO_4
10-25	12:10	GW	MW-52	1 125ml	Cool	001											X
10-25	12:30	↓	MW-53	↓	↓	002											X
10-25	11:45	↓	MW-69	↓	↓	003											X

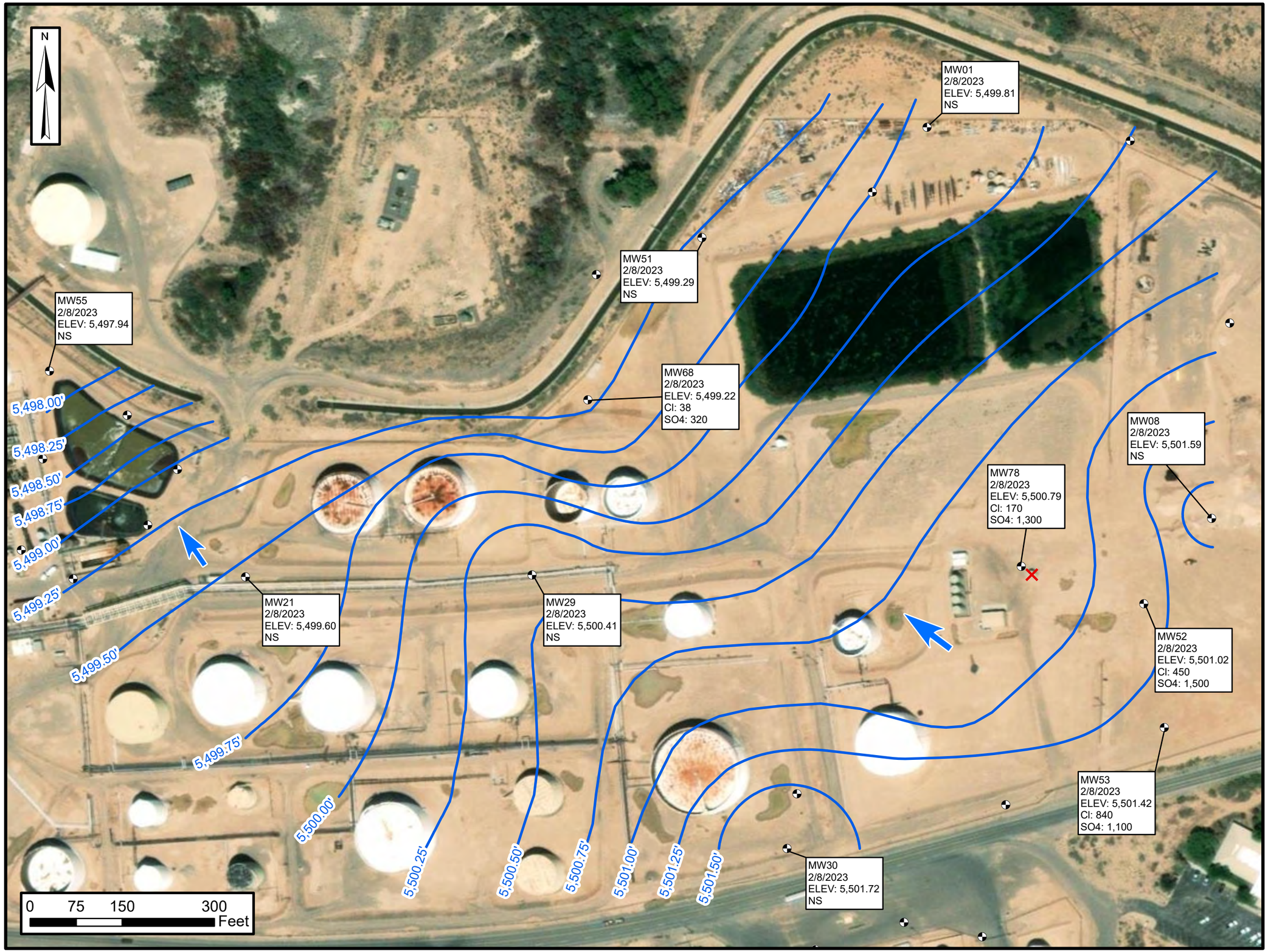
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-25	15:00	[signature]	[signature]	Courier	10/25/23	1500
10/25/23	1748	[signature]	[signature]	Courier	10/26/23	7:30

Remarks: cc: ecarroll@ensolum.com

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 B.1

Chloride and Sulfate Isocontours Maps (from Area Monitoring Wells)



Legend

- Injection Well
- Monitoring Well
- Groundwater Elevation Contour
- Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
NS: Not Sampled
Cl: Chloride in Milligrams per Liter (mg/L)
SO4: Sulfate (mg/L)

Sources:
Environmental Systems Research Institute (ESRI), Maxar, Microsoft

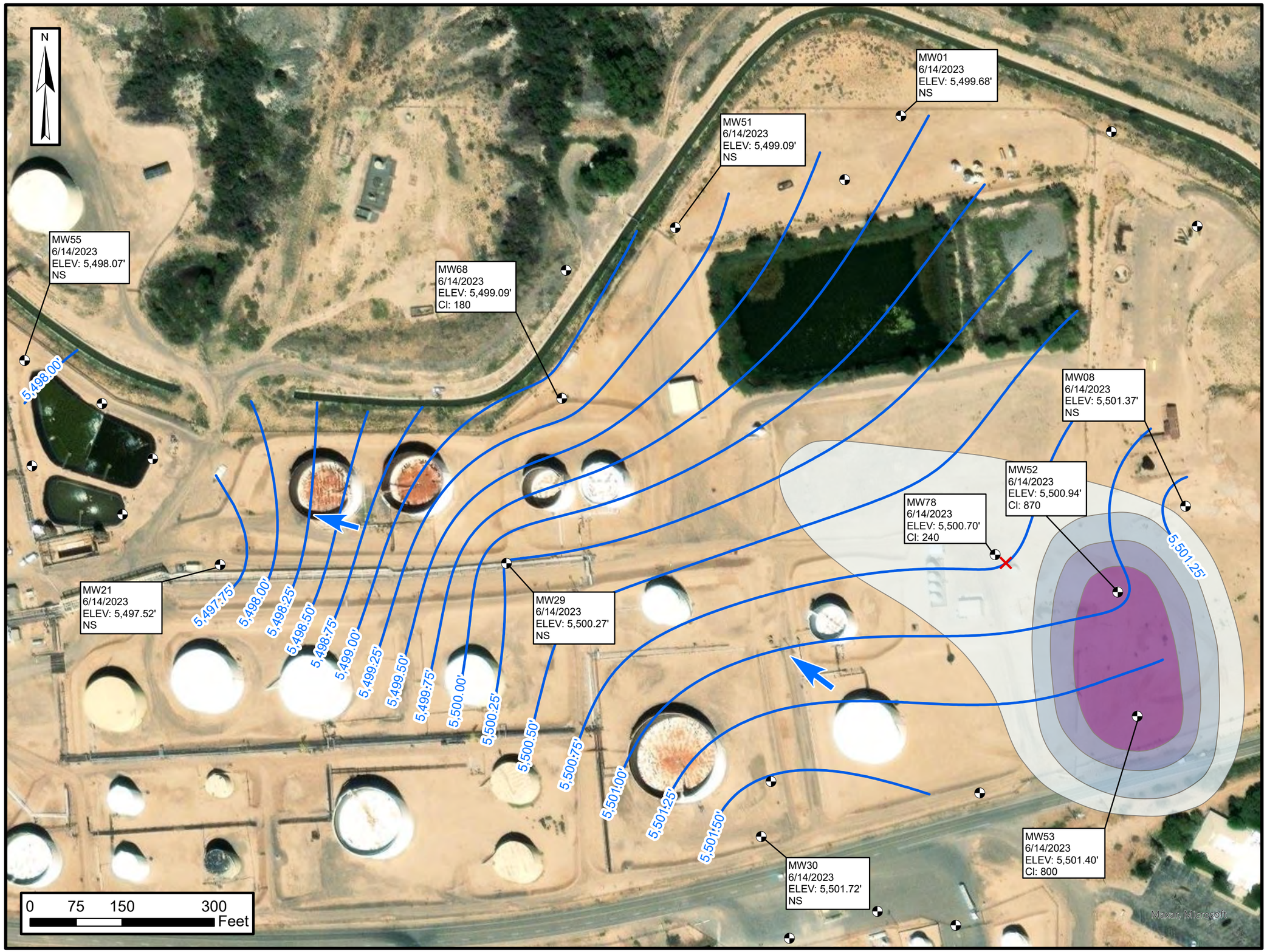
February 2023 Groundwater Flow Direction and Analytical Results

Bloomfield Terminal
Marathon Petroleum

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

Figure 1

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants



Legend

- Injection Well
- Monitoring Well

Chloride Concentration Isocontours

- 100-299
- 300-499
- 500-699
- >700
- Groundwater Elevation Contour
- Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
NS: Not Sampled
CI: Chloride in Milligrams per Liter (mg/L)

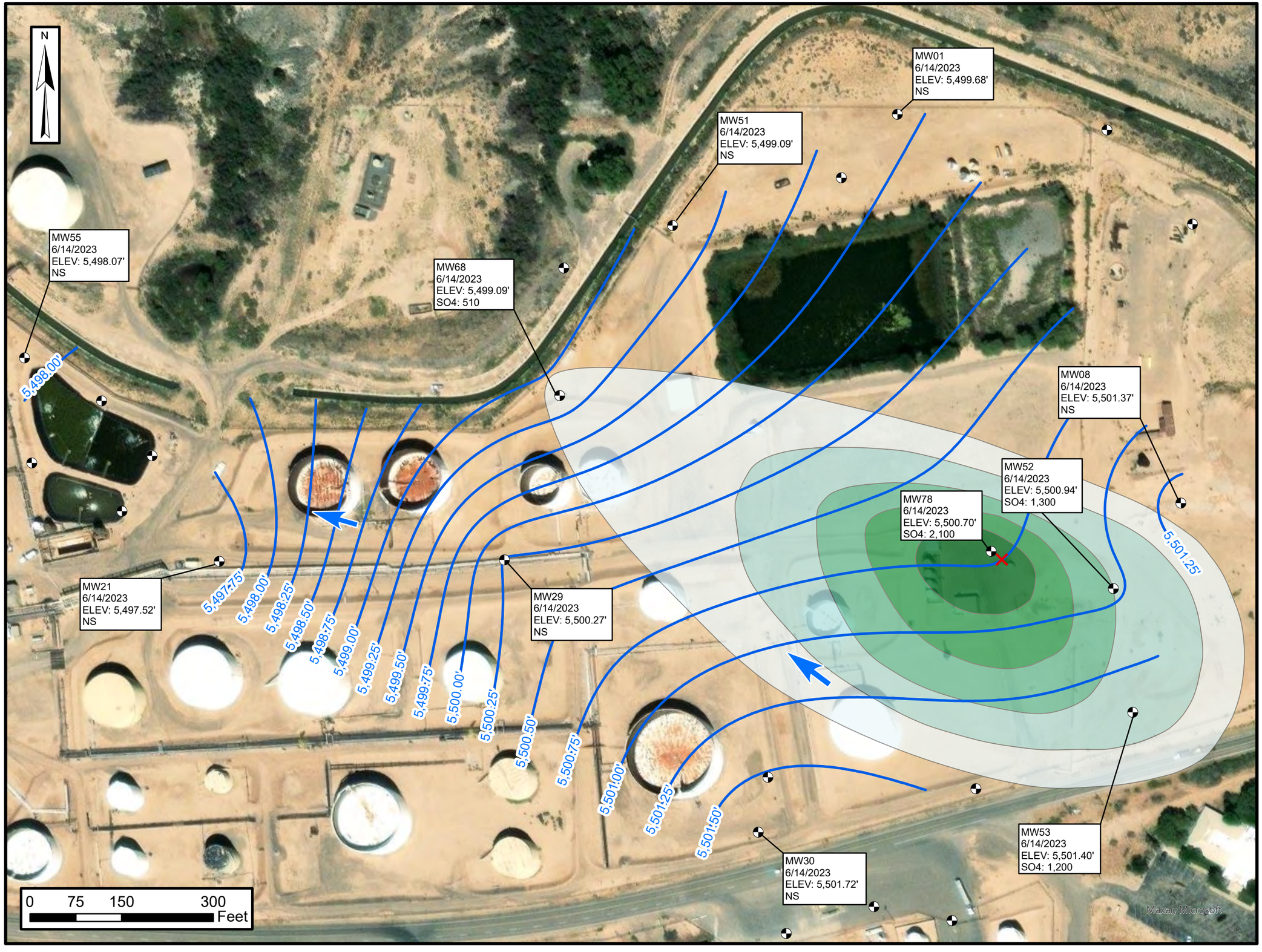
Sources:
Environmental Systems Research Institute (ESRI), Maxar, Microsoft

Second Quarter 2023 Groundwater Flow Direction and Chloride Concentration

Bloomfield Products Terminal
Western Refining Southwest, LLC

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

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants



Legend

- Injection Well
- Monitoring Well

Sulfate Concentration Isocontours

- 500-899
- 900-1299
- 1,300-1,699
- 1,700-2,099
- >2,100
- Groundwater Elevation Contour
- Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
NS: Not Sampled
SO4: Sulfate in Milligrams per Liter (mg/L)

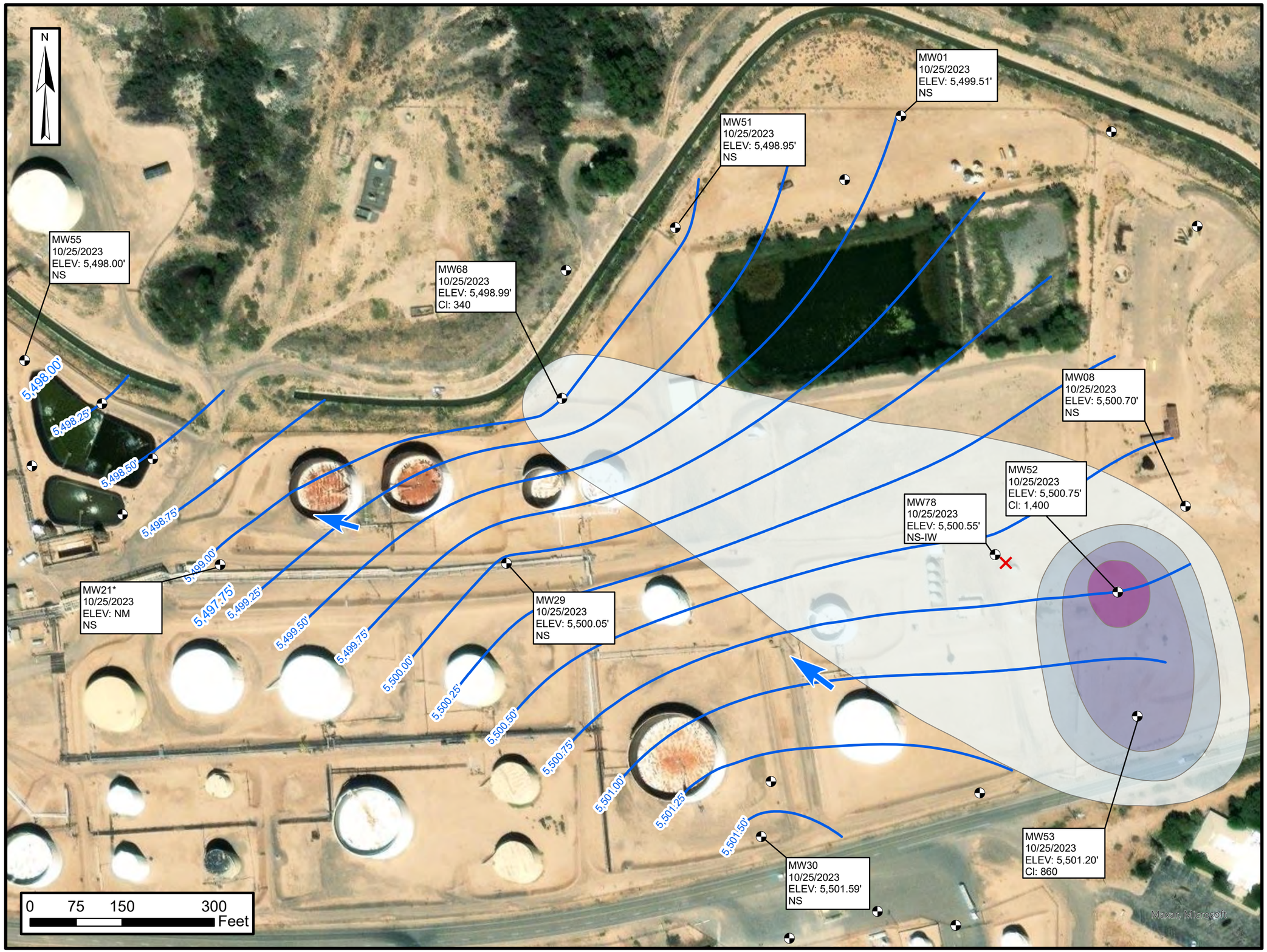
Sources:
Environmental Systems Research Institute (ESRI), Maxar, Microsoft

Second Quarter 2023 Groundwater Flow Direction and Sulfate Concentration

Bloomfield Products Terminal
Western Refining Southwest, LLC

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

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants



Legend

- Injection Well
- Monitoring Well

Chloride Concentration Isocontours

- 300-599
- 600-899
- 900-1,199
- >1,200
- Groundwater Elevation Contours
- Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
* : Indicates Measured Groundwater Elevation is Anomalous Compared to Historic Results, Result Excluded in Groundwater Elevation Contours
NS: Not Sampled
NS-IW: Not Sampled due to Insufficient Water Volume
NM: Not Measured
Cl: Chloride in Milligrams per Liter (mg/L)
Sources:
Environmental Systems Research Institute (ESRI), Maxar, Microsoft

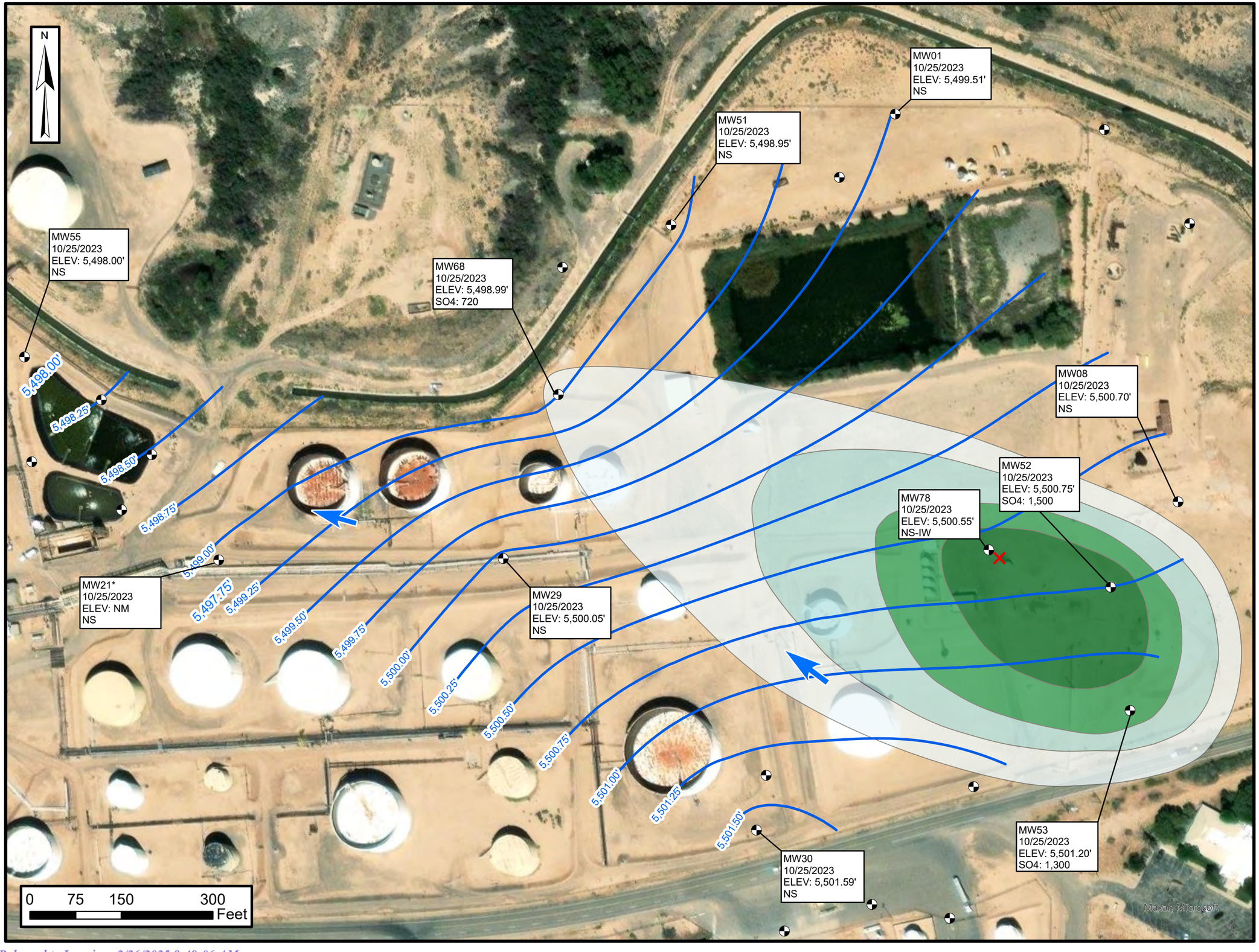
Fourth Quarter 2023 Groundwater Flow Direction and Chloride Concentration

Bloomfield Products Terminal
Western Refining Southwest, LLC

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

Figure 4

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants



Legend

- Injection Well
- Monitoring Well

Sulfate Concentration Isocontours

- 500-799
- 800-1,099
- 1,100-1,399
- >1,400
- Groundwater Elevation Contours
- Groundwater Flow Direction

Notes:
Elev: Groundwater Elevation in Feet Above Mean Sea Level
* : Indicates Measured Groundwater Elevation is Anomalous Compared to Historic Results, Result Excluded in Groundwater Elevation Contours
NS: Not Sampled
NS-IW: Not Sampled due to Insufficient Water Volume
NM: Not Measured
SO4: Sulfate in Milligrams per Liter (mg/L)
Sources:
Environmental Systems Research Institute (ESRI), Maxar, Microsoft

Fourth Quarter 2023 Groundwater Flow Direction and Sulfate Concentration

Bloomfield Products Terminal
Western Refining Southwest, LLC

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

Figure 5

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

ATTACHMENT C

Bradenhead Test Reports (May and September)

Page 601 of 724

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

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

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

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

Property Name WESTERN DISPOSAL Well No. 2 Location: Unit H Section 27 Township 29 Range 11

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

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE Bradenhead BH	Bradenhead Int	Bradenhead Csg	INTERM Int	INTERM Csg
TIME 5 min	0	312	0	5	0
10 min	0	311	0	0	0
15 min	0	311	0	0	0
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	BRADENHEAD	INTERMEDIATE
Steady Flow		✓
Surges		
Down to Nothing	X	
Nothing		
Gas	X	
Gas & Water		✓
Water		

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

CLEAR_____ FRESH_____ SALTY_____ SULFUR_____ BLACK_____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE 0

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

By [signature] Witness John Durham

ENV. Specialist
(Position)

E-mail address gfrussell@marathonpetroleum.com

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 19, 2023

Gary Russell

Western Refining Southwest, Inc.
#50 CR 4990
Bloomfield, NM 87413
TEL: (505) 632-4135
FAX: (505) 632-3911

RE: Injection Well Casing OrderNo.: 2310539

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/11/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

ENERGY LABORATORIES
Trust our People. Trust our Data.
www.energylab.com
Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

ANALYTICAL SUMMARY REPORT

October 18, 2023

Hall Environmental
4901 Hawkins St NE Ste D
Albuquerque, NM 87109-4372

Work Order: B23100987 Quote ID: B15626

Project Name: Not Indicated

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 10/12/2023 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B23100987-001	2310539-001A, Well Casing Gas	10/10/23 8:45	10/12/23	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these test results, please contact your Project Manager.

Report Approved By:

Organic Supervisor

Digitally signed by Ladonna Weis
Date: 2023.10.18 11:17:18 -06:00

Released to Imaging: 2/26/2025 8:49:06 AM

ENERGY LABORATORIES
Trust our People. Trust our Data.
www.energylab.com
Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental
Project: Not Indicated
Lab ID: B23100987-001
Client Sample ID: 2310539-001A, Well Casing Gas

Report Date: 10/18/23
Collection Date: 10/10/23 08:45
DateReceived: 10/12/23
Matrix: Air

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS REPORT							
Oxygen	2.23	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Nitrogen	48.24	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Carbon Dioxide	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Methane	49.45	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Ethane	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Propane	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Isobutane	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
n-Butane	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Isopentane	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
n-Pentane	<0.01	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Hexanes plus	0.08	Mol %		0.01		GPA 2261-95	10/13/23 10:08 / jrj
Propane	< 0.001	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
Isobutane	< 0.001	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
n-Butane	< 0.001	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
Hexanes plus	0.034	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
GPM Total	0.034	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
GPM Pentanes plus	0.034	gpm		0.001		GPA 2261-95	10/13/23 10:08 / jrj
CALCULATED PROPERTIES							
Gross BTU per cu ft @ Std Cond. (HHV)	505			1		GPA 2261-95	10/13/23 10:08 / jrj
Net BTU per cu ft @ std cond. (LHV)	455			1		GPA 2261-95	10/13/23 10:08 / jrj
Pseudo-critical Pressure, psia	584			1		GPA 2261-95	10/13/23 10:08 / jrj
Pseudo-critical Temperature, deg R	286			1		GPA 2261-95	10/13/23 10:08 / jrj
Specific Gravity @ 60/60F	0.768			0.001		D3588-81	10/13/23 10:08 / jrj
Air, %	10.17			0.01		GPA 2261-95	10/13/23 10:08 / jrj
- The analysis was not corrected for air.							
COMMENTS							
-						-	10/13/23 10:08 / jrj

- BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.
- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.
- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.
- Standard conditions: 60 F & 14.73 psi on a dry basis.

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)

Released to Imaging: 2/26/2025 8:49:06 AM

Received by OCD: 5/20/2024 6:38:28 AM

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Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental **Work Order:** B23100987 **Report Date:** 10/18/23

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: **GPA 2261-95**										Batch: R410482
Lab ID: **B23100987-001ADUP**	12	Sample Duplicate				Run: GCNGA-B_231013A				10/13/23 10:42
Oxygen		1.87	Mol %	0.01				18	20	
Nitrogen		47.6	Mol %	0.01				1.4	20	
Carbon Dioxide		<0.01	Mol %	0.01					20	
Hydrogen Sulfide		<0.01	Mol %	0.01					20	
Methane		50.5	Mol %	0.01				2.0	20	
Ethane		<0.01	Mol %	0.01					20	
Propane		<0.01	Mol %	0.01					20	
Isobutane		<0.01	Mol %	0.01					20	
n-Butane		<0.01	Mol %	0.01					20	
Isopentane		<0.01	Mol %	0.01					20	
n-Pentane		<0.01	Mol %	0.01					20	
Hexanes plus		0.09	Mol %	0.01				12	20	
Lab ID: **LCS101323**	11	Laboratory Control Sample				Run: GCNGA-B_231013A				10/13/23 11:19
Oxygen		0.60	Mol %	0.01	120	70	130			
Nitrogen		6.01	Mol %	0.01	100	70	130			
Carbon Dioxide		1.00	Mol %	0.01	101	70	130			
Methane		74.5	Mol %	0.01	100	70	130			
Ethane		6.05	Mol %	0.01	101	70	130			
Propane		4.96	Mol %	0.01	100	70	130			
Isobutane		2.01	Mol %	0.01	100	70	130			
n-Butane		2.02	Mol %	0.01	101	70	130			
Isopentane		1.04	Mol %	0.01	104	70	130			
n-Pentane		1.02	Mol %	0.01	102	70	130			
Hexanes plus		0.83	Mol %	0.01	104	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Released to Imaging: 2/26/2025 8:49:06 AM

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Work Order Receipt Checklist

Hall Environmental

B23100987

Login completed by: Addison A. Gilbert
Date Received: 10/12/2023
Reviewed by: rshular
Received by: lel
Reviewed Date: 10/18/2023
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all shipping container(s)/cooler(s)?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on all sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ☑	No ☐	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes ☐	No ☑	Not Applicable ☐
Container/Temp Blank temperature:	16.6°C No Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Contact and Corrective Action Comments:

None

Released to Imaging: 2/26/2025 8:49:06 AM

Received by OCD: 5/20/2024 6:38:28 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

SUB CONTRATOR:	Energy Labs -Billings	COMPANY:	Energy Laboratories	PHONE: (406) 869-6253	FAX: (406) 252-6069
ADDRESS:	1120 South 27th Street			ACCOUNT #:	EMAIL:
CITY, STATE, ZIP:	Billings, MT 59107				

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2310539-001A	Well Casing Gas	TEDLAR	Air	10/10/2023 8:45:00 AM	1	Fixed Gases

B23100987
A6
12Oct23

SPECIAL INSTRUCTIONS / COMMENTS:

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

Relinquished By:	Date: 10/11/2023	Time: 10:22 AM	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: Lydia Lehrue	Date: 10/12/23	Time: 09:05

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:

Page 608 of 724

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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: 2310539

RcptNo: 1

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

Completed By: Tracy Casarrubias 10/11/2023 10:07:36 AM

Reviewed By: DAD 10/11/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	Checked by: YN 10/11/23

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	N/A	Good	Yes			

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: Western Refining

Mailing Address: 50 CR 4990

Bloomfield, NM 87413

Phone #: 678-594-6377

email or Fax: gfrussell@marathonpetroleum.com

QA/QC Package:
X Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
X Standard ☐ Rush

Project Name: Injection Well Casing

Project #: PO # 4900110659

Project Manager: Gary Russell

Sampler:

On Ice: ☒ Yes ☐ No 4009

# of Coolers: 1

Cooler Temp(including CF): ~~4.2-0=4.2~~ N/A

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2310539	Analysis Request: Nitrogen	Carbondioxide	methane, ethane, propane, iso-butane, n-butane, i-pentane, n-pentane, hexane +
10/10/2023	8:45	gas	Well Casing Gas Sample	1 bag	none	001	x	x	x

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/10/23	2:30 pm			courier	10/11/23	6:40
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:
Preserve and filter C/A Balance dissolved in the lab.

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

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

October 31, 2023

Gary Russell

Western Refining Southwest, Inc.
#50 CR 4990
Bloomfield, NM 87413
TEL: (505) 632-4135
FAX: (505) 632-3911

RE: Injection Well Casing OrderNo.: 2310542

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/11/2023 for the analyses presented in the following report.

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

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

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

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2310542**
Date Reported: **10/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well Casing
Project: Injection Well Casing **Collection Date:** 10/10/2023 8:40:00 AM
Lab ID: 2310542-001 **Matrix:** AQUEOUS **Received Date:** 10/11/2023 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8270C TCLP						Analyst: **JME**	
2-Methylphenol	ND	200		mg/L	1	10/16/2023 6:55:42 PM	78119
3+4-Methylphenol	ND	200		mg/L	1	10/16/2023 6:55:42 PM	78119
2,4-Dinitrotoluene	ND	0.13		mg/L	1	10/16/2023 6:55:42 PM	78119
Hexachlorobenzene	ND	0.13		mg/L	1	10/16/2023 6:55:42 PM	78119
Hexachlorobutadiene	ND	0.50		mg/L	1	10/16/2023 6:55:42 PM	78119
Hexachloroethane	ND	3.0		mg/L	1	10/16/2023 6:55:42 PM	78119
Nitrobenzene	ND	2.0		mg/L	1	10/16/2023 6:55:42 PM	78119
Pentachlorophenol	ND	100		mg/L	1	10/16/2023 6:55:42 PM	78119
Pyridine	ND	5.0		mg/L	1	10/16/2023 6:55:42 PM	78119
2,4,5-Trichlorophenol	ND	400		mg/L	1	10/16/2023 6:55:42 PM	78119
2,4,6-Trichlorophenol	ND	2.0		mg/L	1	10/16/2023 6:55:42 PM	78119
Cresols, Total	ND	200		mg/L	1	10/16/2023 6:55:42 PM	78119
Surr: 2-Fluorophenol	38.3	20.8-71.9		%Rec	1	10/16/2023 6:55:42 PM	78119
Surr: Phenol-d5	29.1	16.2-54.5		%Rec	1	10/16/2023 6:55:42 PM	78119
Surr: 2,4,6-Tribromophenol	63.6	18.8-117		%Rec	1	10/16/2023 6:55:42 PM	78119
Surr: Nitrobenzene-d5	46.9	33-85.9		%Rec	1	10/16/2023 6:55:42 PM	78119
Surr: 2-Fluorobiphenyl	40.0	26.3-79.6		%Rec	1	10/16/2023 6:55:42 PM	78119
Surr: 4-Terphenyl-d14	58.4	53.9-124		%Rec	1	10/16/2023 6:55:42 PM	78119
SPECIFIC GRAVITY						Analyst: **RBC**	
Specific Gravity	1.002	0			1	10/19/2023 4:03:00 PM	R100593
SM4500-H+B / 9040C: PH						Analyst: **RBC**	
pH	9.54		*H	pH units	1	10/26/2023 1:41:49 PM	R100775
TCLP VOLATILES BY 8260B						Analyst: **JR**	
Benzene	ND	100		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Toluene	ND	100		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Ethylbenzene	ND	100		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Xylenes, Total	ND	100		mg/L	200	10/13/2023 6:48:50 PM	TW10046
1,2-Dichloroethane (EDC)	ND	100		mg/L	200	10/13/2023 6:48:50 PM	TW10046
2-Butanone	ND	40000		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Carbon Tetrachloride	ND	100		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Chloroform	ND	1200		mg/L	200	10/13/2023 6:48:50 PM	TW10046
1,4-Dichlorobenzene	ND	1500		mg/L	200	10/13/2023 6:48:50 PM	TW10046
1,1-Dichloroethene	ND	140		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Tetrachloroethene (PCE)	ND	140		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Trichloroethene (TCE)	ND	100		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Vinyl chloride	ND	40		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Chlorobenzene	ND	20000		mg/L	200	10/13/2023 6:48:50 PM	TW10046
Surr: 1,2-Dichloroethane-d4	82.6	70-130		%Rec	200	10/13/2023 6:48:50 PM	TW10046

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2310542**
Date Reported: **10/31/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well Casing
Project: Injection Well Casing **Collection Date:** 10/10/2023 8:40:00 AM
Lab ID: 2310542-001 **Matrix:** AQUEOUS **Received Date:** 10/11/2023 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
TCLP VOLATILES BY 8260B						Analyst: **JR**	
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	200	10/13/2023 6:48:50 PM	TW1004
Surr: Dibromofluoromethane	96.7	70-130		%Rec	200	10/13/2023 6:48:50 PM	TW1004
Surr: Toluene-d8	98.1	70-130		%Rec	200	10/13/2023 6:48:50 PM	TW1004

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 Quanitative 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#: **2310542**

31-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well Casing

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **TCLP Volatiles by 8260B**

Client ID: **LCSW** Batch ID: **TW100468** RunNo: **100468**

Prep Date: Analysis Date: **10/13/2023** SeqNo: **3680910** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.020	0.010	0.02000	0	102	70	130			
1,1-Dichloroethene	0.020	0.010	0.02000	0	99.2	70	130			
Trichloroethene (TCE)	0.019	0.010	0.02000	0	95.6	70	130			
Chlorobenzene	0.020	0.010	0.02000	0	101	70	130			
Surr: 1,2-Dichloroethane-d4	0.0090		0.01000		90.5	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		104	70	130			
Surr: Dibromofluoromethane	0.0098		0.01000		98.5	70	130			
Surr: Toluene-d8	0.0097		0.01000		96.9	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **TCLP Volatiles by 8260B**

Client ID: **PBW** Batch ID: **TW100468** RunNo: **100468**

Prep Date: Analysis Date: **10/13/2023** SeqNo: **3680912** 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	0.0088		0.01000		88.1	70	130			
Surr: 4-Bromofluorobenzene	0.010		0.01000		102	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		103	70	130			
Surr: Toluene-d8	0.010		0.01000		100	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative 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#: **2310542**

31-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well Casing

Sample ID: **MB-78119**	SampType: **MBLK**	TestCode: **EPA Method 8270C TCLP**
Client ID: **PBW**	Batch ID: **78119**	RunNo: **100483**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3682313** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.069		0.2000		34.5	20.8	71.9			
Surr: Phenol-d5	0.055		0.2000		27.4	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.069		0.2000		34.7	18.8	117			
Surr: Nitrobenzene-d5	0.041		0.1000		40.7	33	85.9			
Surr: 2-Fluorobiphenyl	0.031		0.1000		31.3	26.3	79.6			
Surr: 4-Terphenyl-d14	0.063		0.1000		62.7	53.9	124			

Sample ID: **LCS-78119**	SampType: **LCS**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW**	Batch ID: **78119**	RunNo: **100483**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3682314** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.043	0.00010	0.1000	0	43.3	26.8	92.9			
3+4-Methylphenol	0.089	0.00010	0.2000	0	44.3	23.7	100			
2,4-Dinitrotoluene	0.031	0.00010	0.1000	0	31.2	22.3	71.2			
Hexachlorobenzene	0.044	0.00010	0.1000	0	43.8	26.1	91.6			
Hexachlorobutadiene	0.024	0.00010	0.1000	0	24.3	15	74.2			
Hexachloroethane	0.027	0.00010	0.1000	0	26.6	15	85.4			
Nitrobenzene	0.045	0.00010	0.1000	0	45.2	26.1	89.6			
Pentachlorophenol	0.040	0.00010	0.1000	0	40.1	21.7	89.4			
Pyridine	0.029	0.00010	0.1000	0	29.4	15	68.4			
2,4,5-Trichlorophenol	0.044	0.00010	0.1000	0	43.9	27	97.9			
2,4,6-Trichlorophenol	0.044	0.00010	0.1000	0	44.2	27.9	92.6			
Cresols, Total	0.13	0.00010	0.3000	0	43.9	24.8	97.7			
Surr: 2-Fluorophenol	0.071		0.2000		35.6	20.8	71.9			
Surr: Phenol-d5	0.054		0.2000		27.1	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.077		0.2000		38.6	18.8	117			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Quanitative 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#: **2310542**

31-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well Casing

Sample ID: **LCS-78119**	SampType: **LCS**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW**	Batch ID: **78119**	RunNo: **100483**
Prep Date: **10/12/2023**	Analysis Date: **10/16/2023**	SeqNo: **3682314** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.044		0.1000		44.3	33	85.9			
Surr: 2-Fluorobiphenyl	0.033		0.1000		33.5	26.3	79.6			
Surr: 4-Terphenyl-d14	0.054		0.1000		54.3	53.9	124			

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 Quanitative 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#: **2310542**

31-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well Casing

Sample ID:	**2310542-001C DUP**	SampType:	**DUP**	TestCode:	**SM4500-H+B / 9040C: pH**					
Client ID:	**Injection Well Casin**	Batch ID:	**R100775**	RunNo:	**100775**					
Prep Date:		Analysis Date:	**10/26/2023**	SeqNo:	**3696509**	Units:	**pH units**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	9.55							0.105		*H

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Page 617 of 724

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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: 2310542

RcptNo: 1

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

Completed By: Tracy Casarrubias 10/11/2023 10:26:27 AM

Reviewed By: mg 10/11/23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☑ TMC 10/11/23	No ☑	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	Checked by: TMC 10/11/23

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions: Sodium Thio. VOAs were sent, not HCL - TMC 10/11/23

16. Additional remarks:

For sample 001C, ~500mL were poured off into a 500mL HDPE bottle from original 1L Amber provided.- TMC 10/11/23

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.2	Good	Yes	Yogi		

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: **Western Refining**

Mailing Address: **50 CR 4990**

Bloomfield, NM 87413

Phone #: **678-594-6377**

email or Fax: gfrussell@marathonpetroleum.com

QA/QC Package:
X Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other_____

☐ EDD (Type) _____

Turn-Around Time:
X Standard ☐ Rush_____

Project Name: Injection Well Casing

Project #: PO # 4900110659

Project Manager: Gary Russell

Sampler:

On Ice: ☑ Yes ☐ No 4.0g

# of Coolers: 1

Cooler Temp(including CF): 4.2 - 0 = 4.2 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2310542	Analysis Request: pH, Specific gravity	C/A Balance Dissolved	RCI and ORP	RCRA 8 Metals	Chlordane only by 8081	8260 TCLP list + TEX	8270 TCLP List
10/10/2023	8:40	H_2O	**Injection Well Casing**	1L Amber G	none	001	x						
10/10/2023	8:40	H_2O	**Injection Well Casing**	3-40ml VOAs	HCL							x	
10/10/2023	8:40	H_2O	**Injection Well Casing**	2 x 1L Amber	none								x

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10/10/23	2:30 PM	MR		Courier	10/11/23	6:40
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:
Preserve and filter C/A Balance dissolved in the lab.

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

Area Of Review

Released to Imaging: 2/26/2025 8:49:06 AM

Received by OCD: 5/20/2024 6:38:28 AM

STRATA

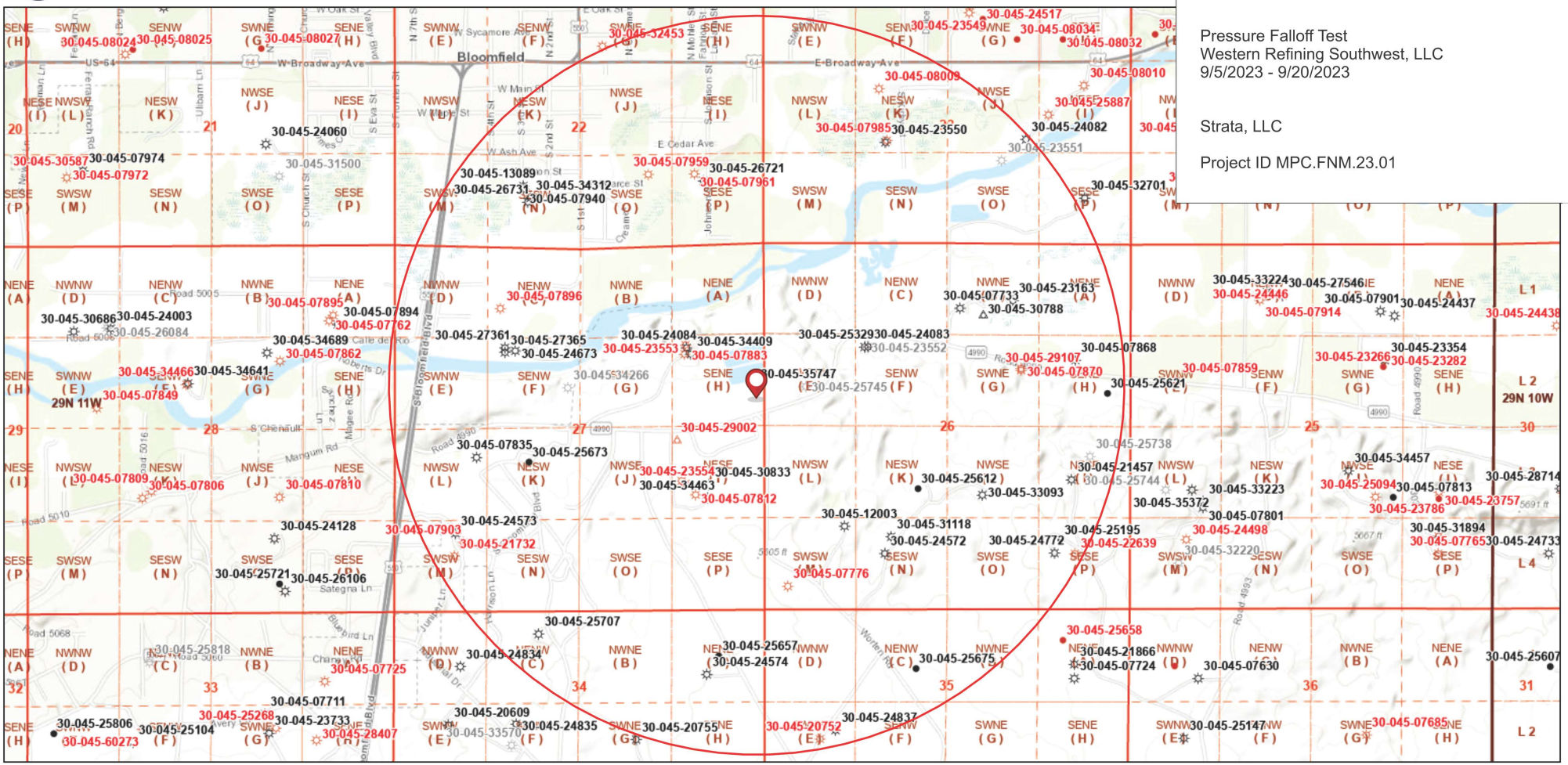
OCD Well Locations

1-MILE AREA OF REVIEW

Pressure Falloff Test
Western Refining Southwest, LLC
9/5/2023 - 9/20/2023

Strata, LLC

Project ID MPC.FNM.23.01



10/14/2022, 3:45:15 PM

Wells - Large Scale

- Gas, Active
- Gas, Cancelled
- Gas, Plugged
- Oil, Active
- Oil, Plugged
- Salt Water Injection, Active
- Salt Water Injection, Plugged
- Water, Plugged
- PLSS Second Division
- PLSS First Division
- PLSS Townships

1:20,876

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., San Juan County, NM, Bureau of Land Management, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, METI/NASA, EPA, USDA, BLM

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

Released to Imaging: 2/26/2025 8:49:06 AM
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ONE-MILE AREA OF REVIEW

Western Refining Southwest LLC Waste Disposal Well No. 2

9/29/2023

Strata, LLC

Project ID. MPC.FNM.23.01

Record No.	API	Well Name	Well Type	Well Status	PLSS Location (ULSTR)	Vertical Depth	Penetrates Inj. Zone	Effective Date	Plug Date	Record Last Edited Date
1	30-045-24573	GARLAND #003	Gas	Active	M-27-29N-11W	2,905	N	8/20/2020		8/20/2020, 2:28 PM
2	30-045-21732	GARLAND B #001R	Gas	Plugged (site released)	M-27-29N-11W	1,810	N	6/1/1975	8/9/2010	3/6/2014, 1:28 PM
3	30-045-07903	PRE-ONGARD WELL #001	Gas	Plugged (site released)	M-27-29N-11W	1,747	N	1/1/1900	7/1/1975	3/6/2014, 1:28 PM
4	30-045-07896	PRE-ONGARD WELL #001	Gas	Plugged (site released)	C-27-29N-11W	0	N	1/1/1900	11/27/1978	3/6/2014, 1:28 PM
5	30-045-25707	SUMMIT #015	Gas	Active	C-34-29N-11W	6,216	N	8/20/2020		8/20/2020, 2:28 PM
6	30-045-07835	MANGUM #001	Gas	Active	L-27-29N-11W	6,350	N	1/6/2017		1/6/2017, 1:08 PM
7	30-045-26731	MARY JANE #001	Gas	Active	N-22-29N-11W	2,845	N	4/8/1986		3/6/2014, 1:28 PM
8	30-045-27361	LAUREN KELLY #001	Gas	Active	F-27-29N-11W	1,500	N	3/29/1994		3/6/2014, 1:28 PM
9	30-045-24673	MANGUM #001E	Gas	Active	F-27-29N-11W	6,240	N	8/4/2017		8/4/2017, 2:51 PM
10	30-045-13089	COOK #002	Gas	Active	N-22-29N-11W	1,440	N	1/1/1900		3/6/2014, 1:28 PM
11	30-045-25673	CONGRESS #018	Oil	Active	K-27-29N-11W	6,150	N	8/1/2017		8/1/2017, 12:30 PM
12	30-045-34312	ROYAL FLUSH #001	Gas	Active	N-22-29N-11W	2,045	N	5/11/2007		3/6/2014, 1:28 PM
13	30-045-27365	MARIAN S #001	Gas	Active	F-27-29N-11W	2,840	N	6/13/1989		3/6/2014, 1:28 PM
14	30-045-07940	COOK #001	Gas	Active	N-22-29N-11W	6,305	N	3/28/1994		3/6/2014, 1:28 PM
15	30-045-34266	MANGUM #001S	Gas	Cancelled	F-27-29N-11W	0	N	12/13/2007		3/6/2014, 1:28 PM
16	30-045-07959	GRACE PEARCE #001	Gas	Plugged (site released)	O-22-29N-11W	1,620	N	1/1/1900	3/2/2000	3/6/2014, 1:28 PM
17	30-045-29002	DISPOSAL #001	Salt Water Disposal	Plugged (site released)	I-27-29N-11W	3,601	N	9/24/1993	10/29/2015	3/30/2017, 3:34 PM
18	30-045-23554	DAVIS GAS COM G #001	Gas	Plugged (site released)	I-27-29N-11W	2,951	N	1/1/1998	11/15/2011	3/6/2014, 1:28 PM
19	30-045-24574	SUMMIT #009	Gas	Active	A-34-29N-11W	2,985	N	8/1/2017		2/19/2018, 4:55 PM
20	30-045-07825	DAVIS GAS COM F #001	Gas	Plugged (site released)	I-27-29N-11W	6,365	N	5/25/1994	1/19/1994	3/6/2014, 1:28 PM
21	30-045-24084	DAVIS GAS COM F #001E	Gas	Active	H-27-29N-11W	6,392	N	7/12/2018		7/12/2018, 4:33 PM
22	30-045-07812	PRE-ONGARD WELL #001	Gas	Plugged (site released)	I-27-29N-11W	1,804	N	1/1/1900	11/3/1982	3/6/2014, 1:28 PM
23	30-045-34463	JACQUE #001	Gas	Active	I-27-29N-11W	1,890	N	10/18/2007		3/6/2014, 1:28 PM
24	30-045-25745	PRE-ONGARD WELL #1	Gas	Cancelled	E-26-29N-11W	0	N	6/9/1983		3/6/2014, 1:28 PM
25	30-045-26721	NANCY HARTMAN #002	Gas	Active	P-22-29N-11W	2,824	N	5/1/1987		3/6/2014, 1:28 PM
26	30-045-23553	PRE-ONGARD WELL #001	Gas	Plugged (site released)	H-27-29N-11W	0	N	5/23/1979	12/31/1901	3/6/2014, 1:28 PM
27	30-045-07961	HARTMAN #001	Gas	Plugged (site released)	P-22-29N-11W	6,310	N	1/1/1900	6/14/1999	3/6/2014, 1:28 PM
28	30-045-30833	DAVIS GAS COM F #001R	Gas	Active	I-27-29N-11W	6,700	N	7/12/2018		7/12/2018, 4:33 PM
29	30-045-35747	WASTE DISPOSAL WELL #002	Salt Water Disposal	Active	H-27-29N-11W	7,525	Y	6/16/2016		3/16/2017, 3:13 PM

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Received by OCD: 5/20/2024 6:38:28 AM

ONE-MILE AREA OF REVIEW

Western Refining Southwest LLC Waste Disposal Well No. 2

9/29/2023

Strata, LLC

Project ID. MPC.FNM.23.01

Record No.	API	Well Name	Well Type	Well Status	PLSS Location (ULSTR)	Vertical Depth	Penetrates Inj. Zone	Effective Date	Plug Date	Record Last Edited Date
30	30-045-07776	PRE-ONGARD WELL #001	Gas	Plugged (site released)	M-26-29N-11W	0	N	1/1/1900	12/31/1901	3/6/2014, 1:28 PM
31	30-045-07883	PRE-ONGARD WELL #002	Gas	Plugged (site released)	H-27-29N-11W	0	N	2/4/1953	12/31/1901	3/6/2014, 1:28 PM
32	30-045-34409	JACQUE #002	Gas	Active	H-27-29N-11W	1,897	N	8/29/2007		3/6/2014, 1:28 PM
33	30-045-25657	CONGRESS #016	Oil	Active	A-34-29N-11W	6,200	N	8/1/2017		8/1/2017, 12:30 PM
34	30-045-24572	CONGRESS #009	Gas	Active	N-26-29N-11W	2,960	N	8/20/2020		8/20/2020, 2:28 PM
35	30-045-07985	PEARCE GAS COM #001	Gas	Plugged (site released)	K-23-29N-11W	6,274	N	3/24/1994	3/12/1997	3/6/2014, 1:28 PM
36	30-045-12003	CALVIN #001	Gas	Active	M-26-29N-11W	6,450	N	8/29/2017		8/29/2017, 3:53 PM
37	30-045-24083	SULLIVAN GAS COM D #001E	Gas	Active	F-26-29N-11W	6,329	N	7/12/2018		7/12/2018, 4:33 PM
38	30-045-24837	CONGRESS #004E	Gas	Active	E-35-29N-11W	6,508	N	8/1/2017		8/1/2017, 12:30 PM
39	30-045-25329	DAVIS GAS COM J #001	Gas	Active	F-26-29N-11W	4,331	N	7/1/2008		3/6/2014, 1:28 PM
40	30-045-20752	LEA ANN #001	Gas	Plugged (site released)	E-35-29N-11W	1,900	N	1/1/1900	12/18/1999	3/6/2014, 1:28 PM
41	30-045-25675	CONGRESS #015	Oil	Active	C-35-29N-11W	6,030	N	8/1/2017		8/1/2017, 12:30 PM
42	30-045-08009	PRE-ONGARD WELL #001	Gas	Plugged (site released)	K-23-29N-11W	1,507	N	9/30/1960	8/26/1980	3/6/2014, 1:28 PM
43	30-045-23550	STATE GAS COM BS #001	Gas	Active	K-23-29N-11W	2,954	N	10/14/2005		3/6/2014, 1:28 PM
44	30-045-23552	PRE-ONGARD WELL #1	Gas	Cancelled	F-26-29N-11W	0	N	5/23/1979		3/6/2014, 1:28 PM
45	30-045-25612	CALVIN #003	Oil	Active	K-26-29N-11W	5,970	N	8/1/2017		8/1/2017, 12:34 PM
46	30-045-23551	PRE-ONGARD WELL #1	Gas	Cancelled	O-23-29N-11W	0	N	5/23/1979		3/6/2014, 1:28 PM
47	30-045-07733	SULLIVAN GAS COM D #001	Gas	Active	B-26-29N-11W	6,260	N	7/12/2018		7/12/2018, 4:33 PM
48	30-045-30788	ASHCROFT SWD #001	Salt Water Disposal	Active	B-26-29N-11W	7,512	Y	7/12/2018		7/12/2018, 4:33 PM
49	30-045-31118	CALVIN #100	Gas	Active	N-26-29N-11W	1,970	N	8/29/2017		8/29/2017, 3:53 PM
50	30-045-24082	PEARCE GAS COM #001E	Gas	Active	J-23-29N-11W	6,365	N	7/12/2018		5/8/2019, 3:17 PM
51	30-045-24772	CALVIN #001E	Gas	Active	P-26-29N-11W	6,500	N	8/14/2017		2/22/2019, 10:48 AM
52	30-045-25738	PRE-ONGARD WELL #23	Gas	Cancelled	I-26-29N-11W	0	N	6/3/1983		3/6/2014, 1:28 PM
53	30-045-23163	EARL B SULLIVAN #001	Gas	Active	B-26-29N-11W	2,861	N	7/12/2018		7/12/2018, 4:33 PM
54	30-045-29107	PRE-ONGARD WELL #001X	Gas	Plugged (site released)	G-26-29N-11W	0	N	1/1/1900	7/28/1955	3/6/2014, 1:28 PM
55	30-045-07868	SULLIVAN #002	Gas	Active	H-26-29N-11W	1,478	N	9/7/1994		3/6/2014, 1:28 PM
56	30-045-33093	CALVIN #001F	Gas	Active	J-26-29N-11W	6,525	N	8/14/2017		8/14/2017, 12:04 PM
57	30-045-21457	DELO #010	Gas	Active	I-26-29N-11W	2,900	N	8/20/2020		8/20/2020, 2:28 PM
58	30-045-25195	CALVIN #002	Oil	Active	P-26-29N-11W	5,950	N	8/1/2017		8/1/2017, 12:30 PM

Released to Imaging: 2/26/2025 8:49:06 AM
Received by OCD: 5/20/2024 6:38:28 AM

ONE-MILE AREA OF REVIEW

Strata, LLC

Western Refining Southwest LLC Waste Disposal Well No. 2

Project ID. MPC.FNM.23.01

9/29/2023

Record No.	API	Well Name	Well Type	Well Status	PLSS Location (ULSTR)	Vertical Depth	Penetrates Inj. Zone	Effective Date	Plug Date	Record Last Edited Date
59	30-045-22639	DELO #011	Gas	Plugged (site released)	P-26-29N-11W	1,945	N	11/1/1981	7/30/2010	3/6/2014, 1:28 PM
60	30-045-25621	EARL B SULLIVAN #002	Oil	Active	H-26-29N-11W	5,751	N	7/1/2008		3/6/2014, 1:28 PM
61	30-045-07870	PRE-ONGARD WELL #00X	Gas	Plugged (site released)	G-26-29N-11W	1,442	N	1/1/1900	7/1/1953	3/6/2014, 1:28 PM

ATTACHMENT E

Fall Off Test

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-045-35747

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

1. Type of Well: Oil Well ☐ Gas Well ☒ Other Wastewater Disposal Well

8. Well Number: WDW #2

2. Name of Operator
Western Refining Southwest LLC

9. OGRID Number 267595

3. Address of Operator
50 County Road 4990 Bloomfield, NM 87413

10. Pool name or Wildcat
Entrada

4. Well Location
Unit Letter H : 2028 feet from the North line and 111 feet from the East line
Section 27 Township 29N Range 11W NMPM San Juan County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER: Fall-Off Test	☒		

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

Pursuant to the Bloomfield Terminal Injection Well Discharge Permit (UICI-011) and guidance from NM OCD, Western Refining Southwest LLC completed the falloff test on WDW #2 on September 20, 2023. The test was conducted in conformance with the requirements of the NM OCD UIC Class I Well FOT Guidelines and the protocol submitted prior to testing.

Spud Date: Rig Release Date:

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

SIGNATURE _____ TITLE Sr Environmental Specialist DATE 11/13/2023

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

For State Use Only

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

UIC CLASS I FALL-OFF TEST REPORT

WESTERN REFINING SOUTHWEST LLC
WASTE DISPOSAL WELL No. 2

API NO.:	30-045-35747
UIC PERMIT:	UICI-011
LOCATION:	BLOOMFIELD, NM
START DATE:	09/5/2023
FINISH DATE:	09/20/2023
PROJECT ID:	MPC.FNM.23.01

PREPARED BY:	DAVID ZOOK
APPROVED BY:	BRANDON SCHULTE
REPORT DATE:	11/13/2023

STRATA, LLC

4151 SW FREEWAY, SUITE 345

HOUSTON, TX 77027

solutionsbystrata.com

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EXECUTIVE SUMMARY

Strata, LLC completed a Pressure Fall-Off Test on Western Refining Southwest LLC Waste Disposal Well No. 2 (WDW-2) located near Bloomfield, NM. The test was conducted and analyzed according to OCD UIC Class I Well Fall-Off Test Guidance and the approved procedure submitted prior to the test.

Down-hole pressure gauges were set at the top of the injection interval and waste injection commenced on September 5, 2023. After 73.77 hrs of injection the well was shut in to monitor pressure falloff for 280.62 hrs (11.8 days).

Radial flow conditions were observed from 2.974 hrs to 12.5 hrs after shut-in. The permeability was measured to be 2.704 md, the transmissivity 707.5 md-ft / cp, and skin -4.14. The static gradient survey measured the average fluid gradient as 0.429 psi/ft. There were no anomalous temperature or pressure measurements. An update to the 2023 1-mile Area-of-Review found no new wells and no change to existing wells.

Brandon Schulte 11/13/23

Test Supervisor: Brandon Schulte, P.E. (NM License No. 25721)
Sr. Project Manager
Strata, LLC

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1 SITE INFORMATION

Strata, LLC was contracted to plan and oversee injection pressure fall-off test on the subject well. The following sections provide site and well identification information, an updated Area-of-Review, and other data as required by *New Mexico Oil Conservation District UIC Class I Well Fall-Off Test Guidance*, December 3, 2007.

1.1 FACILITY INFORMATION

Facility information is given in **Table 1**.

Table 1. Facility information.

NAME	Western Refining Southwest LLC
LOCATION	50 County Road 4990 Bloomfield, NM 87413
OGRID NUMBER	267595

1.2 WELL INFORMATION

Well information is given in **Table 2**. A schematic of the well is provided in **Appendix A, Figure 1.**

Table 2. Well Information.

OCD UIC Permit Number	UICI-011
Well Classification	Class I Non-hazardous
Well Name and Number	WDW No. 2
API Number	30-045-35747
Legal Location	2028' FNL 111' FEK Unit Letter H of Section 27, T29N, R11W

1.3 GEOLOGY

The geology is reproduced from the Fall-Off Test (William M. Cobb and Associates, Inc., 12/12/17).

> *"The injection zone is the Entrada sandstone formation. The formations occur in Waste Disposal Well No. 2 at the depths shown in the table below. The injection zone is shown in Waste Disposal Well No.2 logs in Appendix D.*

Injection Zone Formation	*Waste Disposal Well #2 (KB elev = 5,550 ft*	
	MD below KB (ft)	*SS Depth (ft)*
Bluff Sandstone	*Not completed*	7031
Entrada Sandstone	7312 to 7470	7308

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The Jurassic aged Entrada Sandstone is thought to be one of the best water disposal rock units in the San Juan Basin. The Entrada is the basal formation of the San Rafael Group which also includes the Todilto and Wanakah Formations The Entrada Sandstone is present throughout the basin's subsurface and crops out along the it's margin as step cliffs. The Entrada unconformably overlies the Chinle Formation. The overlying Todilto Formation made up of limestone and anhydrite in dense and thought to an impermeable barrier or seal.

The Entrada Sandstone consists of mottled reddish-brown very fine to medium grained well sorted, silica cemented quartz sandstone interbedded with thinner reddish-brown siltstones. The sandstone units are assembled in high-angle, large-scale crossbeds indicating eolian environment deposition and with the siltstones representing interdue and sabkha deposition. The cross stratified sandstone is competent, laterally persistent and with homogenous reservoir properties. Entrada Sandstone gross thickness ranges 60 feet to 330 feet across the basin.

At the Water Disposal Well #2 location the Entrada is 158 feet thick. Based upon the nearby XTO Energy Ashcroft SWD #1 water disposal well density porosities are up to 18 percent with the most porous interval found in the upper 90 feet of the formation where the majority of the density porosities are more than 10 percent. Water Disposal Well #2 has a density porosity of 12.1 percent. The two intervals with the highest porosity are 20 feet from 7,333 feet to 7,353 feet with 14.1 percent porosity and 26 feet from 7,442 feet to 7,468 feet with 14.3 percent porosity.

Permeability for the well as measured by this falloff test is 3.29 md or less."

A section of the neutron density log, from 7200 ft. to 7532 ft., and a section of the dual induction log from 7200 ft. to 7532 ft., is provided in Appendix D. These logs were previously filed with the OCD.

1.4 AREA OF REVIEW (AOR) AND OFFSET WELLS

Federal Abstract Company conducted an Area-of-Review (AOR) search for new wells or changes to existing wells within one mile of WDW-2. The AOR search includes both new wells and changes to existing wells. Results of the search are summarized below. A complete AOR table is provided in Appendix E and an AOR map is shown in Figure 11.

New Wells

No new wells were drilled in the AOR since the previous AOR review.

Changes to Wells

No wells reported a change in status since the previous AOR review.

Wells Plugged and Abandoned

No wells were plugged and abandoned since the previous AOR review.

Wells Temporarily Abandoned

No wells were temporarily abandoned since the previous AOR review.

Offset Wells

Ashcroft SWD #001 (Record No. 48, API No. 30-045-30788) penetrates the Entrada injection zone. There are no reported changes to this well.

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2 TEST ACTIVITY AND DATA

The pressure fall-off test and static fluid level measurement was conducted on September 5 - 20, 2023. A record of the daily well test activities is in **Appendix B**.

2.1 INJECTION FLUID, RATE AND VOLUME

The fluid injected for the falloff test is terminal-treated wastewater (effluent). An analysis of the effluent injectate is provided in **Appendix F,** along with a summary of an analysis of the formation water collected on January 25, 2017.

The cumulative volume injected into WDW-2 through the end of the falloff test is 9,014,897 gallons.

The rate history used in the falloff analysis begins at the shut-in of the previous falloff test and ends with the well shut-in during the current falloff test. The rate history is provided in **Appendix C.**

2.2 PRESSURE FALL-OFF TEST ACTIVITY

Activities for the pressure fall-off test were initiated Tuesday, September 5, 2023. Prior to starting pressure fall-off test activities, a Bradenhead Test and mechanical integrity test (MIT) were completed. The test(s) were successfully accomplished and witnessed by Mr. John Durham, representative of the New Mexico Oil Conservation Division. The Bradenhead Test and MIT are reported under a separate report heading.

The slickline unit and lubricator were rigged up. An impression block was descended into the well and tagged fill depth at 7,403 feet KB. The plug back total depth is noted from previous completion schematics at a depth of 7,490 feet bgs. The estimated fill in the well is 87 feet.

The pressure/temperature tool then descended into the well and set to a depth of 7,312 feet (KB) at 12:26 PM. Fluid injection began at 12:45 PM. Terminal-treated wastewater (effluent) was utilized as injectate.

The total injected volume for the test was 130,559 gallons for a total period of 73.77 hrs. Waste was injected at an average flow rate of 29.50 gpm. Mechanical issues occurred at 11 hours and 8 minutes into the injection period, ceasing injection for 1 hour 36 minutes, then injection resumed. This event did not affect pressure transient test results.

Pressure and temperature were monitored during the pressure fall-off period for 280.62 hours. The pressure fall-off test was concluded on September 20th at 8:44 AM. **Figure 2** is a plot of the pressure and rate history recorded during the September 5 – 20, 2023 test. The final injection pressure was 4,433.05 psi. Final shut-in pressure at the end of 280.62 hours was 3,702.72 psi. The total absolute change in pressure for the shut-in period was a decrease of 730.33 psi. The final injection fluid temperature was 135.15°F. The final shut-in injection fluid temperature was 183.82°F, an increase of 48.67°F over the shut-in period.

Pressure and temperature measurements were made on ascent at 1,000-foot intervals after concluding the fall-off test period. The average hydrostatic pressure gradient was calculated from these measurements and found to be 0.429 psi/foot, as shown in **Table 3**.

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Table 3. Pressure and temperature from stationary gradient survey on 9/20/2023.

Station	Time	Depth	Pressure (psig)	Pressure Gradient (psi/ft.)	Temperature (F°)	Temperature Gradient (°F/ft.)
1	9:35 AM	0	565.01		63.93	
2	9:29 AM	1000	999.12	0.434	74.27	0.010
3	9:23 AM	2000	1432.08	0.433	95.68	0.021
4	9:17 AM	3000	1864.27	0.432	109.60	0.014
5	9:10 AM	4000	2295.41	0.431	130.33	0.021
6	9:04 AM	5000	2724.59	0.429	149.51	0.019
7	8:57 AM	6000	3151.34	0.427	173.08	0.024
8	8:50 AM	7000	3575.25	0.424	190.15	0.017
9	8:44 AM	7312	3702.72	0.409	183.82	-0.020
Average Fluid Pressure Gradient				**0.429**	**psi/ft**	

Specifications for the pressure/temperature gauge tool utilized for the 2023 pressure fall-off test are provided in **Table 4. T**he tool calibration file is located in Appendix G.

Table 4. Pressure/temperature gauge specifications.

Manufacturer	Cal-scan Services Ltd.
Model	Badger Tri Tool
Pressure Range (psi)	0 – 3500
Accuracy	0.024% Full Scale
Resolution	0.0003% Full Scale
Gauge Serial Number	5473
Calibration Date	6/16/2023

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3 FALL-OFF ANALYSIS

3.1 PARAMETER ESTIMATION FOR INJECTION INTERVAL AND FLUID PROPERTIES

Table 5 gives parameter estimations used for the WDW No. 2 pressure fall-off analysis. The parameters are based on injection zone characteristics of the Entrada Formation used in previous formation pressure fall-off tests for this well and described in Section 1.3. **Table 6** gives the fluid properties used in the pressure fall-off analysis.

Table 5. Input parameters.

Parameter	Unit	Symbol	Value
Injection Rate	gpm	q	29.50
	BPD	q	1011.36
Interval Thickness	Feet	h	123
Final Injection Pressure	psi	P_{wf}	4433.05
Final Shut-in Pressure	psi	P_{si}	3702.72
Final Injection Temperature	°F	$°F_{inj}$	135.15
Final Shut-In Temperature	°F	$°F_{si}$	183.82
Wellbore Radius	feet	r_w	0.3281
Injection Time	hour	t_p	73.77
Shut-in Time	hour	t_{si}	280.62
Formation Porosity	%	ϕ	14.9
Fluid Specific Gravity		ϱ	1.0
Formation Volume Factor	RB/STB	B	1.00

Table 6. Fluid properties.

Parameter	Unit	Symbol	Value
Fluid Viscosity	cp	μ	0.47
Water Compressibility	psi^{-1}	c_w	2.0e-6
Formation Compressibility	psi^{-1}	c_f	2.44e-6
Total Compressibility	psi^{-1}	c_t	4.44e-6

3.2 SEMI-LOG ANALYSIS – HORNER METHOD (CLASSIC)

As noted in **Table 5**, the pressure fall-off portion of the test was monitored for 280.62 hours. **Figure 3** shows the Horner plot of the pressure fall-off data along with the straight line interpreted to be the result of radial flow, which was estimated from 2.974 hours to 11.27 hours into the shut-in period of the test.

Utilizing the straight-line analysis of the radial flow period estimates the initial pressure (P*) 3,737.80 psi. End of wellbore storage was achieved at 0.965 hours (57.9 minutes) into the pressure fall-off period.

The Semi-Log Analysis – Horner Method analysis including equations used, the equations with the appropriate parameters substituted in them, description of values used in calculations and equations and references for values used are described in the **Sections 3.2.1** to **3.2.8**. Analysis results are summarized in **Table 8** in Section 3.6

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3.2.1 Flow Capacity

The product of formation permeability (*k*), and injection interval thickness (*h*), in an injection well is referred to as *kh*. Determination of the permeability product is the basis in pressure transient analysis. Calculation for a value for *kh* is obtained from deriving a value for *m*, the slope of the line in psi/log cycle in the radial flow period. The pressure data is shown in **Figure 3** shows the semi-log Horner plot where *m* was estimated at 235.4698 psi/cycle. Flow capacity is then calculated based on an injection rate, a fluid formation volume factor (B) (1.0), and fluid viscosity (μ) (0.47 cp).

The flow capacity (or permeability-thickness product) of the well can be calculated using the following equation:

$$kh = 162.6\frac{q\mu B}{m} md - ft \qquad \text{(Matthews and Russell, Eq. 3.5)}$$

Where: kh = flow capacity of the well (millidarcy-feet) (md-ft)

K = Effective formation permeability, millidarcies (md)

q = Injection rate during the test

B = Formation volume factor, reservoir barrel per stock tank barrel (RB/STB)

μ = Viscosity of injected fluid at reservoir temperature, centipoise (cp)

m = Slope of the radial flow transient portion of Horner Plot (psi/log cycle)

h = Net formation thickness, (ft.)

For this test (from **Figure 3**):

q = 1011.36 bbls/day = 30.41 gpm

m = 234.5654 psi

h = 123 feet

μ = 0.47 cp (After Matthews & Russell, data of Chestnut)

Therefore:

$$kh = 162.6\frac{(1011.36)(0.47)(1.00)}{234.5654}\ md - ft$$

$$kh = 329.50\ md - ft$$

3.2.2 Permeability

Using the calculated flow velocity (*kh*) and solving for permeability by dividing the 123 feet of Entrada Formation thickness gives:

$$k = \frac{329.50\ md - ft}{123\ ft}$$

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$$k = 2.68\,md$$

3.2.3 Transmissivity

Transmissivity is the ratio of flow capacity of an injection fluid over the viscosity of the injection fluid transmitted through a porous media.

The transmissivity of the well can be calculated by the following equation:

$$T = \frac{kh}{\mu}$$

Where;	T	=	transmissivity of well, md-ft./cp
	kh	=	flow capacity of well md-ft.
	μ	=	viscosity of injected fluid at reservoir temperature, cp
For this test:	kh	=	329.50 md-ft.
	μ	=	0.47 cp

Solving for transmissivity:

	T	=	701.07 md-ft/cp

3.2.4 Initial Reservoir Pressure

Extrapolated pressure (P*) of the straight-line portion of the Horner Plot to the shut-in of Horner time (10^0) gives an indication of the initial reservoir pressure:

	P^*	=	3,737.80 psi at 7,312 ft. KB (*see* ***Figure 3***)

3.2.5 Skin Factor

The conventional skin equation utilized below assumes that the well is completed over the entire interval.

$$S = 1.151\left[\left(\frac{(P_{wf}-P_{1hr})}{m}\right) - log\left(\frac{k}{\varphi\mu c_t r_w^2}\right) + 3.23\right] \qquad \text{(Matthews and Russell, Eq. 3.10)}$$

Where:	S	=	Skin factor
	P_{1hr}	=	Pressure on straight line portion of Horner Plot at Δt = 1 hour
	P_{wf}	=	Pressure observed while injecting prior to shut-in
	μ	=	Formation porosity, percent (14.9%, same as previous tests)

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c_t = Total system compressibility (psi^{-1})

r_w = Wellbore radius, ft.

From test data:

P_{wf} = 4,433.05 psi

P_{1hr} = 4,176.78 psi (**Figure 4**)

m = 234.5654 psi/cycle

k = 2.68 md

ϕ = 0.149

μ = 0.47 cp

c_t = $4.44e^{-6}$ psi^{-1}

r_w = 0.3281 ft.

Therefore: $$S = 1.151\left[\left(\frac{(4{,}433.05-4{,}176.78)}{234.5654}\right) - log\left(\frac{2.68}{(0.149)(0.47)(4.44e^{-6})(0.3281^2)}\right) + 3.23\right]$$

$$S = -4.1214$$

The resulting skin factor is -4.14. A negative skin factor (S<0) suggests flow conditions near the wellbore are enhanced.

3.2.6 Pressure Drop Due to Skin

Pressure drop across the skin at a rate (q) may be calculated by means of the following equation:

$$\Delta P_{skin} = 141.2\frac{qB\mu}{kh}s \qquad \text{(Earlougher, Eq. 2.9)}$$

Where: ΔP_{skin}= Change in pressure due to skin factor

From the test data:

q = 1011.36 bbls/day

B = 1.00

μ = 0.47

kh = 329.50 md-ft

S = -4.1214

Therefore: ΔP_{skin} = -839.51 psi

3.2.7 Flow Efficiency

The flow efficiency of the well (expressed as a percentage) is evaluated from the pressure fall-off data and is calculated using the following equation:

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$$F_{eff} = \left(\frac{(P_{wf} - P_{av} - \Delta P_{skin})}{(P_{wf} - P_{av})}\right)$$ (Matthews and Russell, Eq. 3.12)

Where: P_{av} = Average reservoir pressure at gauge depth (P* in this case)

From the test data:

P_{wf} = 4,433.05 psi

P_{av} = 3,737.80 psi

ΔP_{skin} = -839.51 psi

Therefore: $F_{eff} = \left(\frac{(4{,}433.05 - 3{,}737.80 - (-839.51))}{(4{,}433.05 - 3{,}737.80)}\right)$

$F_{eff} = 2.207$

3.2.8 Drainage Area (Radius of Test Investigation)

The radius of investigation, R_{inv}, is the distance a pressure transient has moved into a formation following a rate change in a well. The lateral extent that the reservoir test has covered can be calculated as follows:

$$R_{inv} = \sqrt{\frac{kt}{948\varphi\mu c_t}}$$ (Lee, Eq 1.47)

Where: R_{inv} = radius of investigation, feet

t = Time after shut-in (end of radial flow, **Figure 3**, 12.59 hours)

From the test data:

k = 2.68 md

t = 11.27 hrs.

ϕ = 0.149

μ = 0.47 cp

c_t = $4.44e^{-6}$ psi^{-1}

Therefore: R_{inv} = 286 feet

3.3 WASTE FRONT DISTANCE

The travel time for a pressure transient to pass beyond the waste front was calculated to determine whether the viscosity utilized was valid. The radius of influence (R_{inv}) distance from the Horner Plot (Figure 3) was estimated to be from 2.974 to 11.27 hours, which equates to a radius distance of 147 and 286 feet respectively.

OCD Guideline Section VIII.5 states that calculating the travel time for a pressure transient to pass beyond the waste front may be necessary. The distance to the waste front is determined from the following equation:

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$$R_{waste} = \left(\frac{0.13368\,V}{\pi\,h\,\varphi}\right)^{\frac{1}{2}}$$

where,

R_{waste} = radius to waste front, feet

V = total volume injected into the injection interval, gallons [*total volume has been adjusted from an evaluation injection volume*]

h = formation thickness, feet

ϕ = formation porosity, fraction

0.13368 = constant

$$R_{waste} = \left(\frac{(0.13368)(9{,}014{,}897)}{(\pi)(123)(0.149)}\right)^{\frac{1}{2}}$$

R_{waste} =144.67 feet

The estimated distance to the waste front is 144.67 feet.

3.4 WASTE FRONT TIME

The time necessary for a pressure transient to traverse this distance is calculated from the following equation:

$$t_{waste} = 948\left(\frac{\varphi\,\mu_{waste}\,c_t\,r_{waste}^2}{k}\right)$$

where,

t_{waste} = time for pressure transient to reach waste front, hours

ϕ = formation porosity, fraction

μ_{waste} = viscosity of the waste at reservoir conditions, centipoise

r_{waste} = radius to waste front, feet

c_t = total compressibility of the formation and fluid, psi

k = formation permeability, millidarcies

948 = constant

$t_{waste} = 948\left(\frac{(0.149)\,(0.47)(4.44e^{-6})(144.67^2)}{2.68}\right)$

t_{waste} = 2.30 hours

The time required to reach the waste front is 2.30 hours, which is less than the time of 2.974 hours or the beginning of the radial flow period estimated in the Horner Plot (Figure 3).

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3.5 HALL PLOT

A Hall plot is used to examine injection performance from recorded monitoring data. Hall plots compare cumulative injection pressure change with respect to time and cumulative injection volume. In general, potential changes from stable radial flow injection will produce a unit slope line. An increase in the slope of line from stable flow conditions indicates decreasing injection conditions while a reduction in slope is an increase in injection performance.

New Mexico OCD Class I Well Fall-off Test Guidance, Section IX-h requires a current Hall plot be produced for evaluation of WDW #2. However, WDW #2 is utilized intermittently. **Figure 6** shows the daily surface injection pressure and totalizer volumes from January 2018 to September 2023. The figure shows how WDW #2 was operated sporadically from October 2021 to present during this period.

Prior to conducting the 2023 fall-off test, no fluid injection had occurred for 78 days. To produce a meaningful data evaluation, the daily data would require continuous injection for a period of at least six months or more (Smith J.T., Cobb W.M., 1997).

Therefore, because of sporadic fluid injection, a meaningful Hall plot could not be constructed for this well test.

3.6 HOMOGENEOUS TYPE-CURVE (LOG-LOG) MODEL ANALYSIS

In addition to the classical analysis described above, the test response was analyzed using a derivative analysis. The test data was analyzed using PIE, from Well-Test Solutions, Ltd., a well-test analysis software program commercially available for pressure transient analysis used in the oil and gas industry.

The log-log plot is used to identify flow regimes and get estimates for permeability, skin, and wellbore storage. The log-log plot analyzes both the change in log pressure (ΔP) during a given flow period and the log derivative of pressure over rate related to the change in log time (Δt). The derivative function is graphed on the log-log plot and is used to identify flow regimens, boundary effects, layering, or natural fractures. Using this approach allows flow regimes and boundaries to be identified. Use of the derivative plot for pressure fall-off test analysis is further described by Bourdet, 2002.

The type-curve model selected for analyzing the data in the log-log plot is a homogeneous reservoir with infinite radial flow geometry. The use of an analytical analysis program allows a comparison between the classical method described above and a derivative analysis of the data using a homogeneous type-curve model analysis.

The derivative plot model type-curves were derived from an iterative process in the PIE software matching the pressure fall-off responses with the infinite acting homogeneous model. The blue line (ΔP) and red line (derivative) are the homogeneous model, type-curve (best fit) model responses on the plot **(Figure 7)**. The derivative plot type-curves exhibit the characteristics of a homogeneous, infinite-acting, radial-flow-dominated reservoir.

The log-log pressure plot with type-curve matching model of the 2023 pressure fall-off test is shown in **Figure 6.** The ΔP type-curve was reasonably matched to the pressure change (ΔP) data for the transition phase from wellbore storage to radial flow. Radial flow developed shortly after the end of

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wellbore storage. The type-curve match in this period agrees relatively well with the radius of investigation for radial flow analysis in the Horner Plot (**Figure 7**).

The late-time upturn in the derivative data plot is indicative of a boundary condition of decreasing mobility away from the wellbore. This boundary condition develops following the radial flow period. The boundary condition is likely a result of decreasing permeability at a given distance from the wellbore.

The model predictions are also compared to the superposition plot (**Figure 7**). The superposition plot is more generalized equivalent to the Horner plot. The type-curve match to the data was reasonably correlated to the radial flow period identified in the Horner plot.

Pressure plot is shown in **Figure 8** showing pressure versus time with type-curve match.

Analysis using the predictive model generally provides the same permeability thickness and extrapolated pressure (P*) as calculated in the classical analysis results. The results for the straight-line analysis (Horner) and homogeneous model derivative response are summarized in **Table 9**.

3.7 RESULTS SUMMARY

The following tables summarize the results of the pressure fall-off test measurements and calculations.

Table 7. Semi-Log Analysis, Horner Method (Classic)

Parameter	Unit	Symbol	Result
Transmissivity	md-ft/cp	T	701.07
Flow Capacity	md-ft	kh	329.50
Permeability	md	k	2.68
Skin Factor	(unitless)	S	-4.1214
Pressure Drop Due to Skin	psi	ΔP_{skin}	-839.51
Flow Efficiency	%	F_{eff}	220.7
Radius of Investigation (distance)	feet	R_{inv}	286
Radius of Investigation (time)	hour	Δt	11.27
Semi-Log Slope	psi/cycle	m	234.5454
Extrapolated Pressure	psi	P*	3,737.80
Extrapolated Pressure @ 1-hour	psi	$P1hr$	4,176.78

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Table 8. Homogenous Type-Curve (Log-Log) Model Analysis

Parameter	Unit	Symbol	Result
Transmissivity	md-ft/cp	T	643.74
Flow Capacity	md-ft	kh	302.56
Permeability	md	k	2.46
Initial (Extrapolated) Pressure	psi	p_i	3725.62
Skin Factor	(unitless)	S	-4.300
Pressure Drop Due to Skin	psi	ΔP_{skin}	-953.95
Flow Efficiency	%	F_{eff}	234.85
Wellbore Storage	bbls/psi	C	.00203
Radius of Investigation (distance)	feet	R_{inv}	274
Radius of Investigation (time)	hour	Δt	11.27

Table 9. Comparison with previous fall-off tests.

Date of Test	Permeability (md)	Mobility-Thickness (kh/u)(md-ft/cp)	Skin (s)	False Extrapolated Pressure (p*)
10/3/17 – 10/13/17	3.30	1108	-5.37	3819
4/15/19 – 4/30/19	1.73	451	-3.80	3809.70
9/21/20 – 10/1/20	1.14	297.64	-5.05	3632.37
9/19/21 -9/29/21	1.03	269.75	-5.12	3735.42
9/14/22 -9/26/22	2.46	643	-4.03	3734.40
9/5/22 -9/20/23	2.68	701	-4.12	3737.80

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4 CONCLUSIONS

4.1 DISCUSSION OF RESULTS

This test was successful in generating sufficient pressure buildup and falloff data to complete a meaningful analysis of the injection well. A clear radial flow regime, or infinite acting period, is observed in the data. The classical Semi-Log, Horner analysis and the Log-Log analysis provided consistent calculations of wellbore and reservoir injection parameters. A late-time upturn in the derivative data indicates a boundary condition of decreasing mobility away from the wellbore.

The measured permeability, mobility thickness, skin, and false extrapolated pressure from the subject fall-off test are consistent with previous tests. The measured well performance and observed well health is consistent with the initial 2017 fall-off test conducted on the well. The injectivity is consistent with the nearby Ashcroft SWD #001 well, based on reported historical monthly volumes. The injection rates and pressure are within the expected range for disposal into the Entrada sandstone at this depth.

4.2 RECORD KEEPING

The raw test data generated by the test will be kept on file by the permittee (Western Refining Southwest LLC) for a period of not less than 3 years and will be made available to OCD upon request during this time period. The raw test data need not be submitted to OCD unless requested.

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6 APPENDICES

APPENDIX A. FIGURES

APPENDIX B. TEST FIELD REPORT

APPENDIX C. INJECTION DATA

APPENDIX D. COPY OF ELECTRIC LOG

APPENDIX E. AREA OF REVIEW TABLE

APPENDIX F. INJECTION AND FORMATION FLUID ANALYSIS

APPENDIX G. TOOL CALIBRATION

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APPENDIX A. FIGURES

Figure 1. Well Completion Schematic

Figure 2. Pressure and Rate History

Figure 3. Horner Plot

Figure 4. Expanded Horner Plot

Figure 5. Pressure and Temperature vs. Time Plot over the Test Period

Figure 6. Daily Surface Pressure, Totalizer, and Cumulative Volume – 2018-2023

Figure 7. Log-Log Plot

Figure 8. Superposition Plot

Figure 9. Pressure versus Time Plot

Figure 10. Cartesian Plot

Figure 11. Static Pressure Gradient Survey

Figure 12. Area of Review Map

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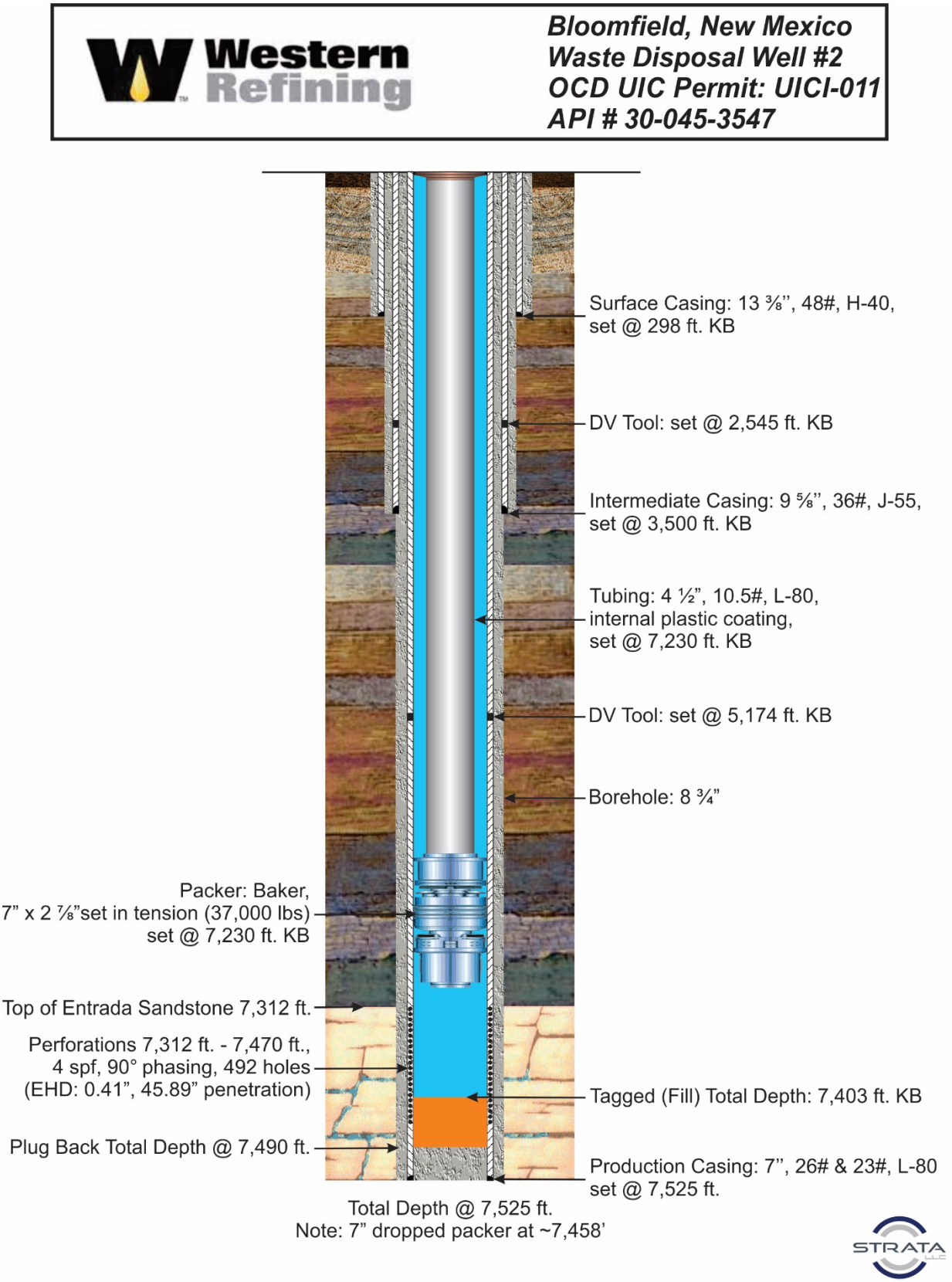
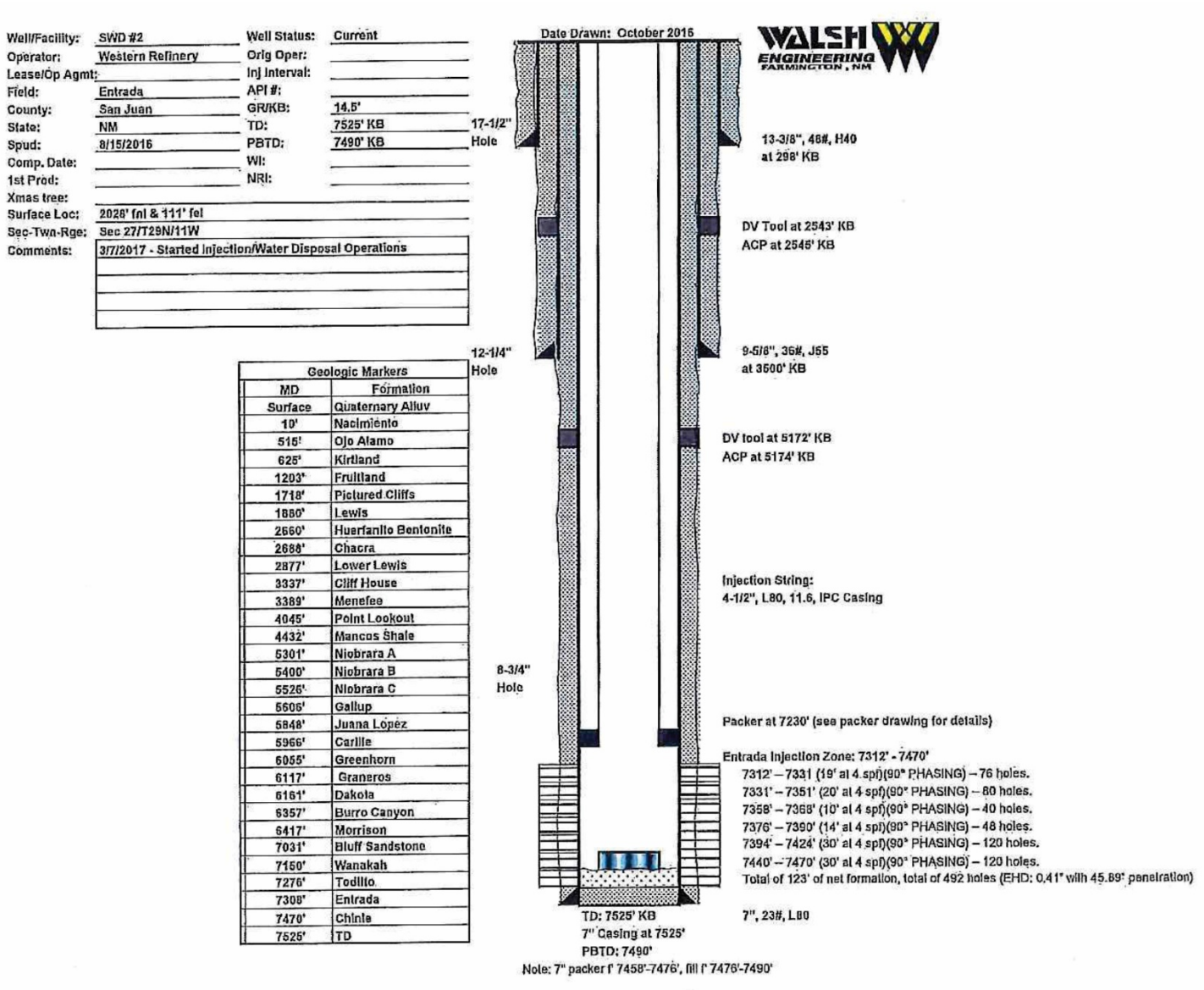


Figure 1a – Updated Well Completion Schematic



Geologic Markers	
MD	Formation
Surface	Quaternary Alluv
10'	Nacimiento
515'	Ojo Alamo
625'	Kirtland
1203'	Fruitland
1718'	Pictured Cliffs
1880'	Lewis
2560'	Huerfanito Bentonite
2688'	Chacra
2877'	Lower Lewis
3337'	Cliff House
3389'	Menefee
4045'	Point Lookout
4432'	Mancos Shale
5301'	Niobrara A
5400'	Niobrara B
5526'	Niobrara C
5606'	Gallup
5848'	Juana López
5966'	Carlile
6055'	Greenhorn
6117'	Graneros
6161'	Dakota
6357'	Burro Canyon
6417'	Morrison
7031'	Bluff Sandstone
7150'	Wanakah
7276'	Todilto
7308'	Entrada
7470'	Chinle
7525'	TD

Figure 1b – Original Well Completion Schematic

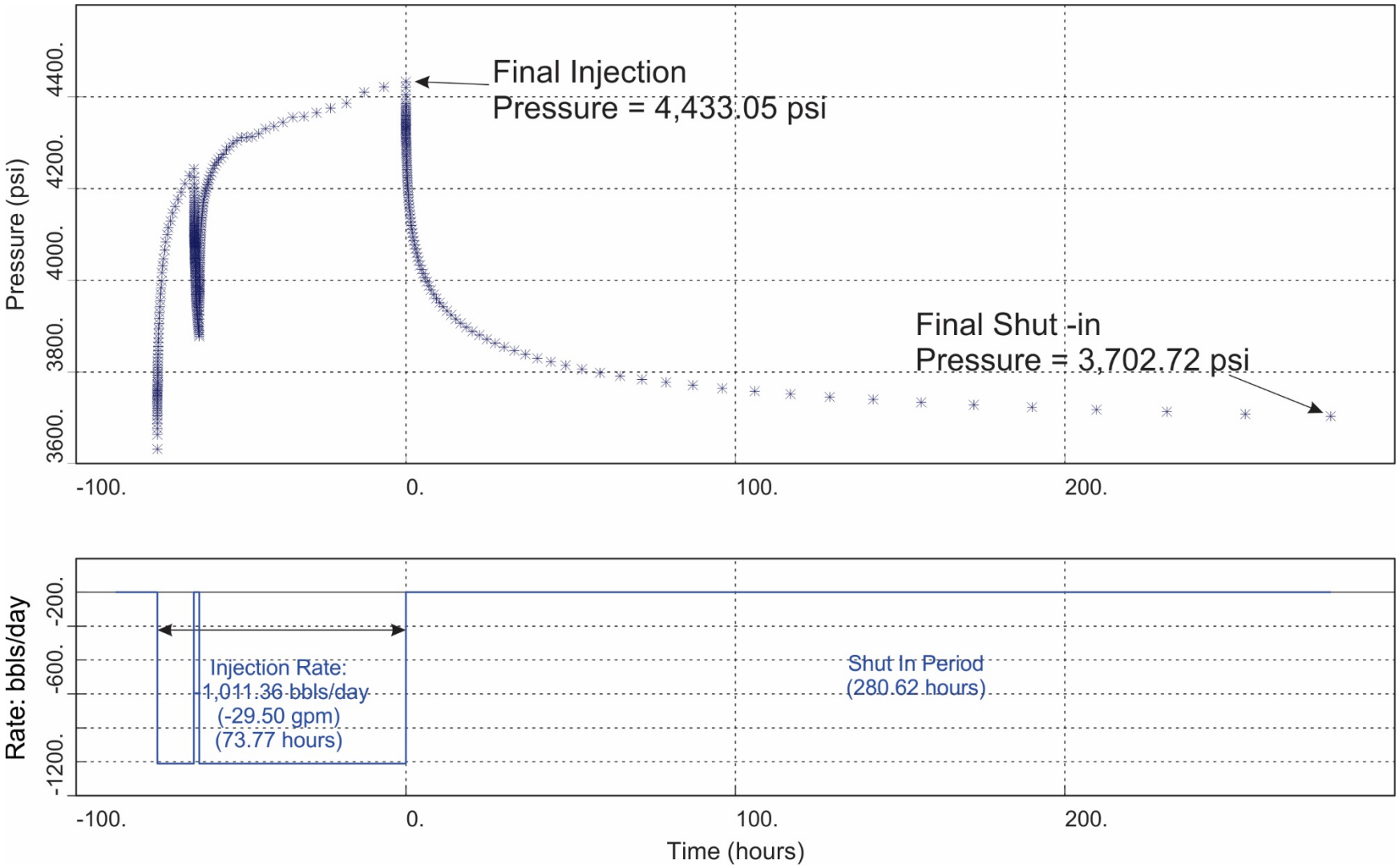
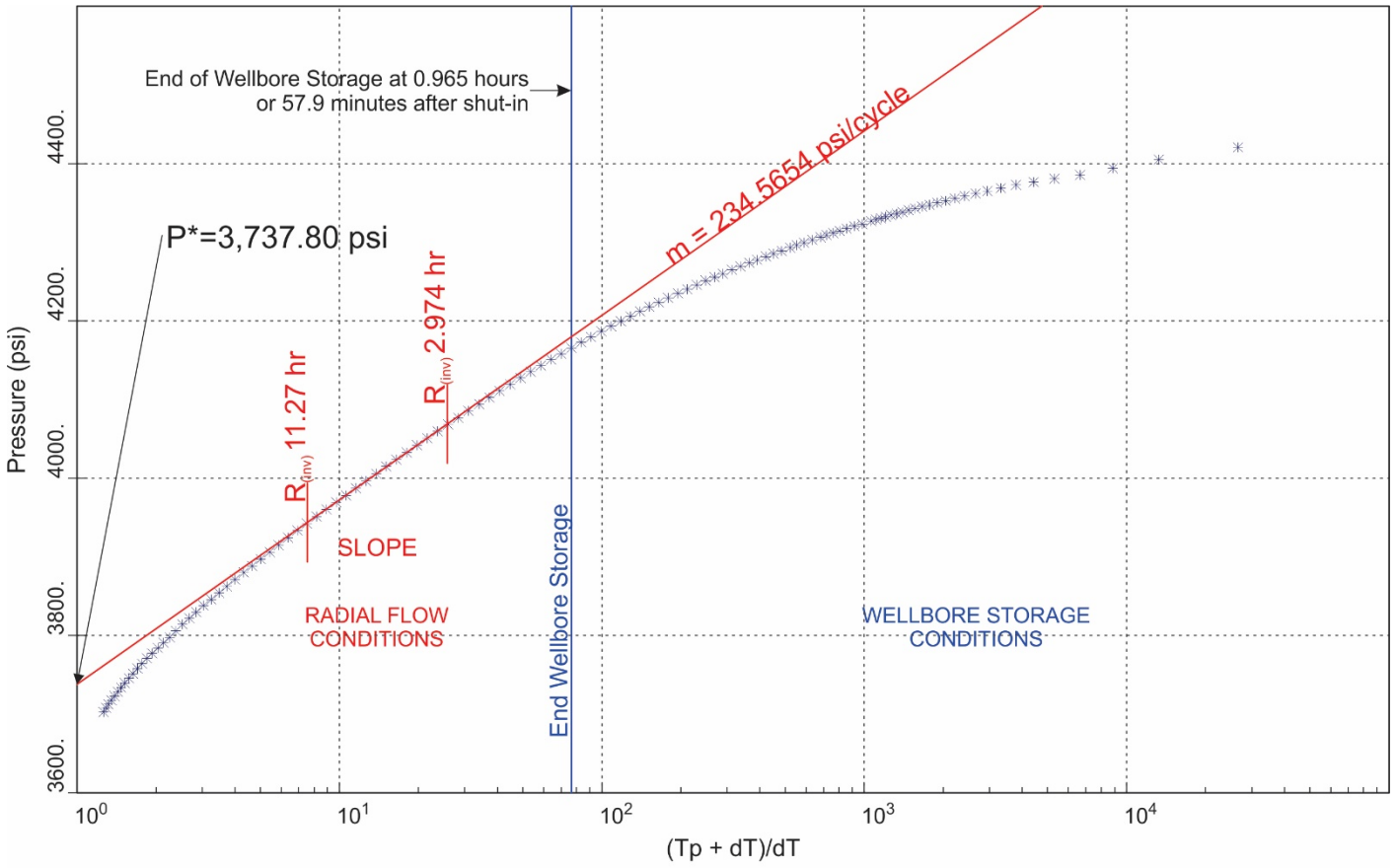


Figure 2 – Pressure and Rate History



Slope = 234.5654 psi/cycle
P* = 3,737.80 psi
R(inv) at 2.974 hr = 147 feet
R(inv) at 11.27 hr = 286 feet

Skin = -4.1214
Permeability = 2.6789 md
Perm-Thickness = 329.50 md-feet

Static-Data and Constants

Volume-Factor = 1.000 vol/vol
Thickness = 123 feet
Viscosity = 0.47 cp
Total Compressibility = 4.44e-06 psi^{-1}
Rate = -1011.36 bbls/day
Storativity = 0.00008137 feet psi^{-1}
Diffusivity = 2,272 ft^2/hr
Gauge Depth = 7,312 feet

Figure 3 – Horner Plot

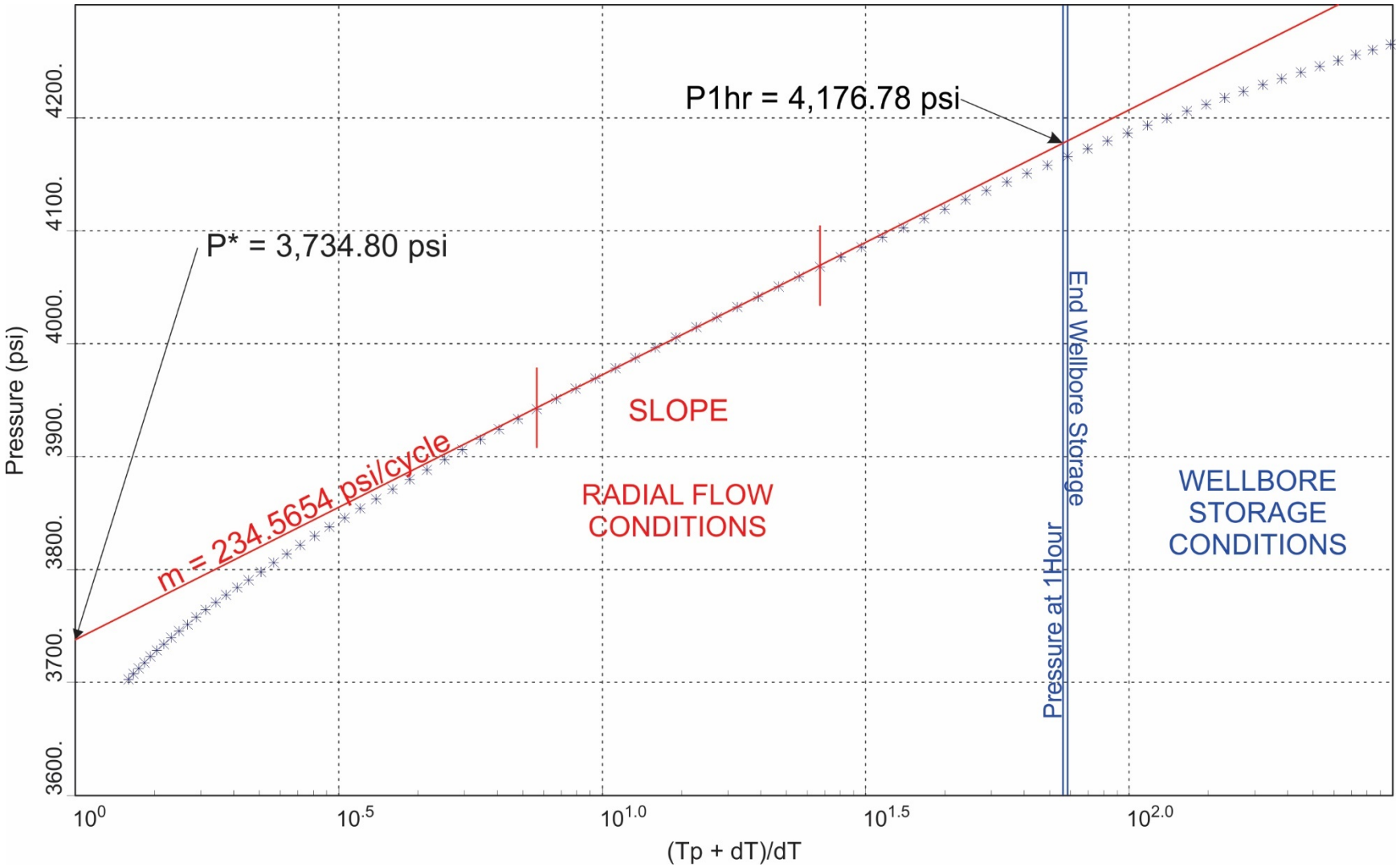


Figure 4 – Expanded Horner Plot

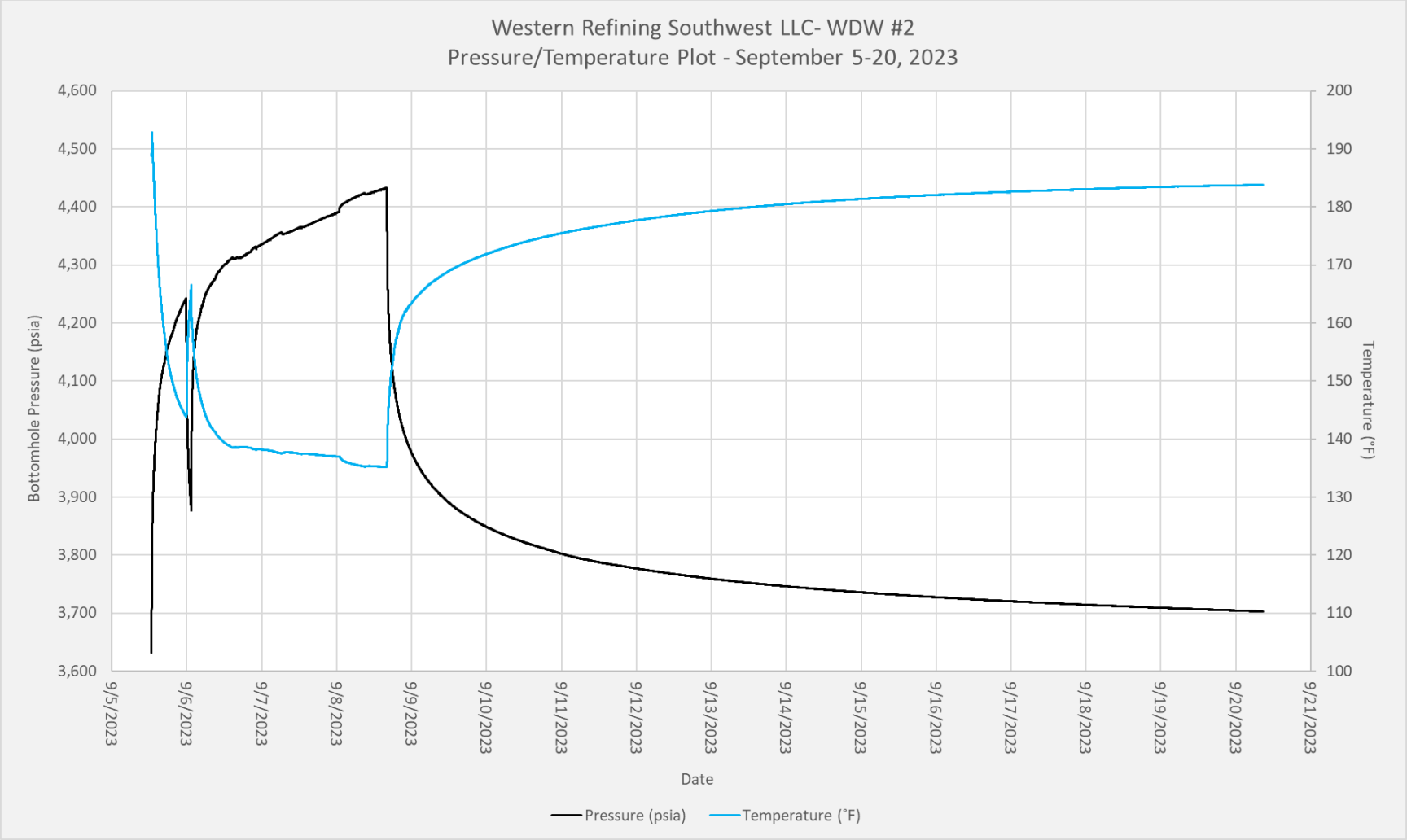


Figure 5 – Pressure and Temperature vs. Time Plot over the Test Period

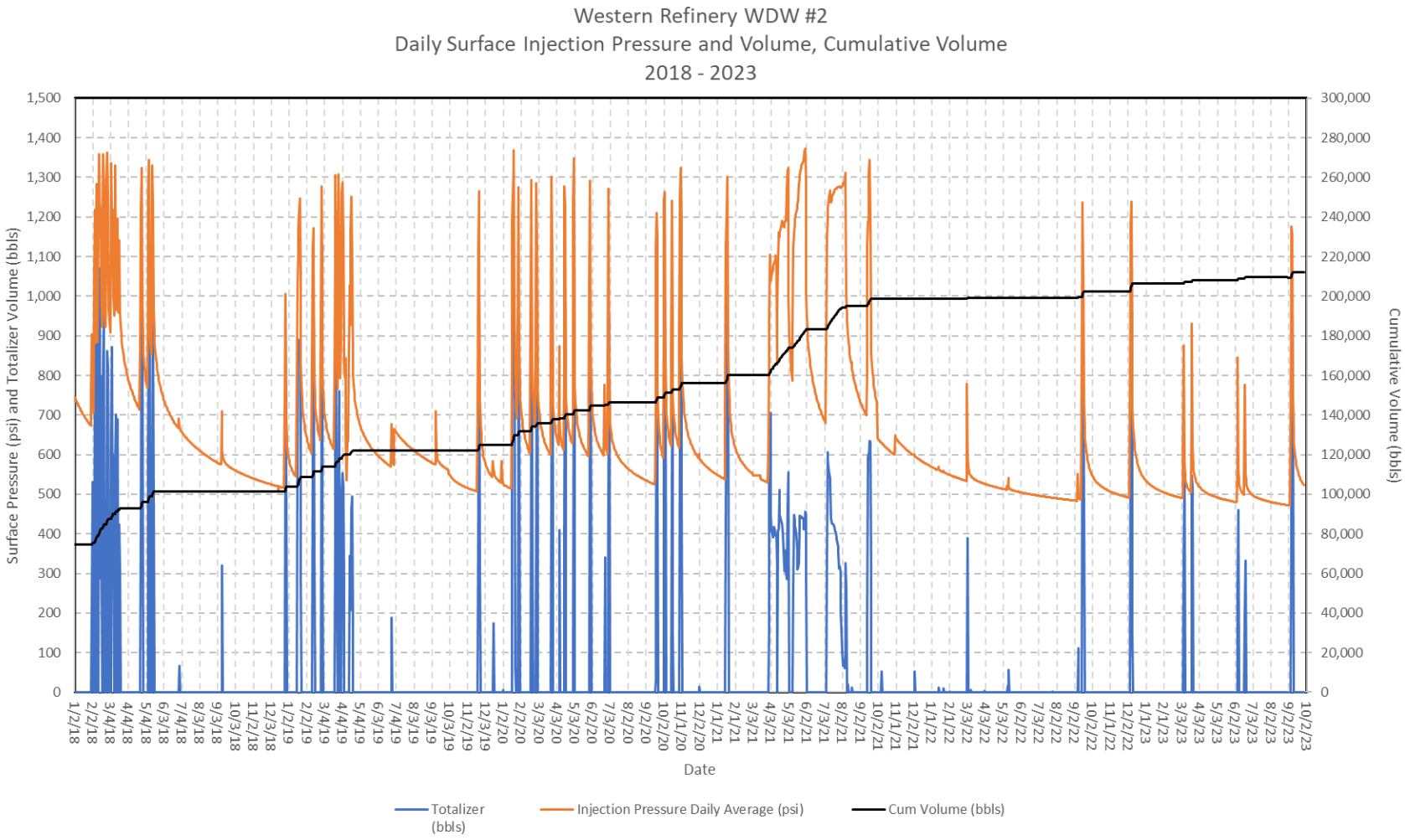
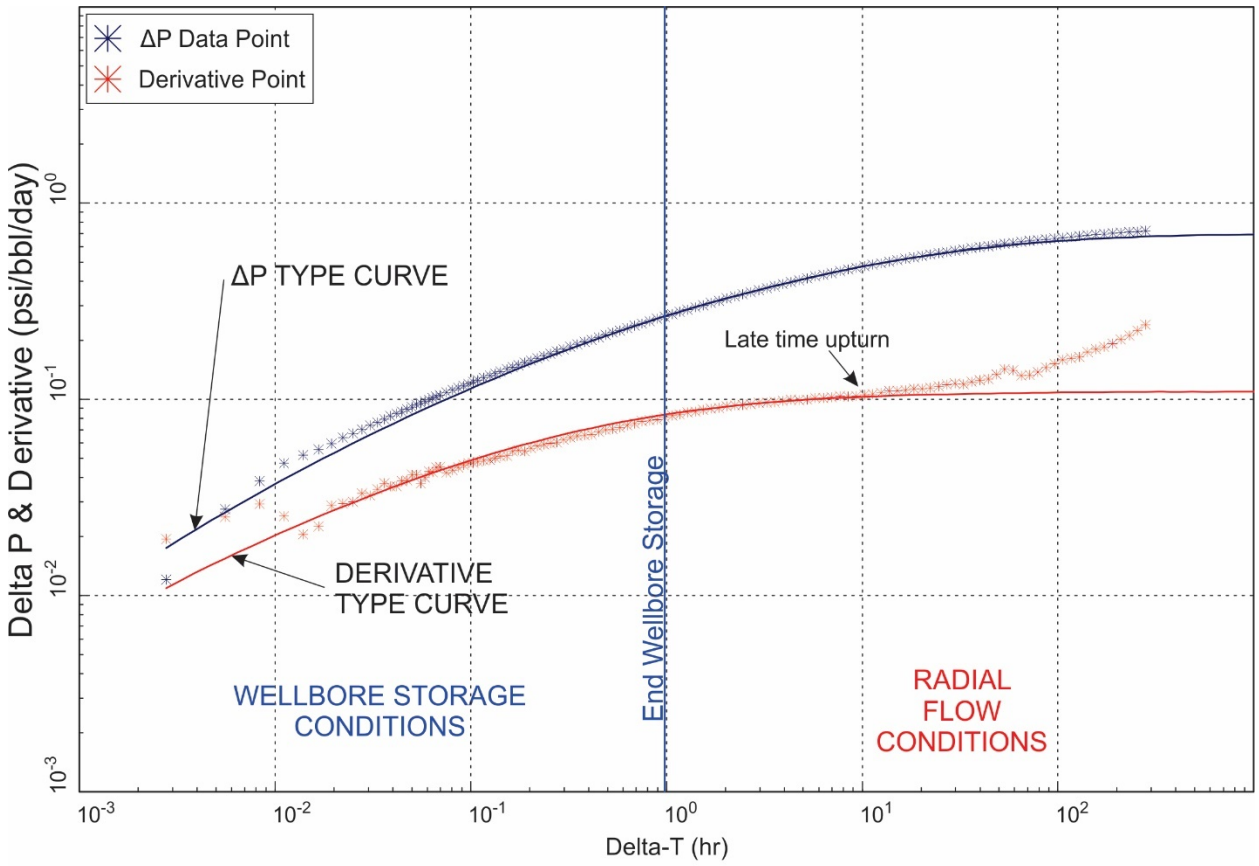


Figure 6 – Daily Surface Pressure, Totalizer, and Cumulative Volume - 2018-2023



Homogeneous Reservoir

** Simulation Data **
Well storage = 0.0020336 bbls/psi
Skin = -4.3003
Permeability = 2.4599 md
Areal Ky/Kx = 1.0000
Perm-Thickness = 302.56 md-feet
Initial Press. = 3,725.62 psi
Smoothing Coef = 0, 0

Static-Data and Constants

Volume-Factor = 1.000 vol/vol
Thickness = 123 feet
Viscosity = 0.47 cp
Total Compress = $4.44e^{-6}$ psi^{-1}
Rate = -1,011.36 bbls/day
Storativity = 0.00008137 feet psi^{-1}
Diffusivity = 2,086 ft^2/hr
Gauge Depth = 7,312 feet

Figure 7 – Log-log Plot

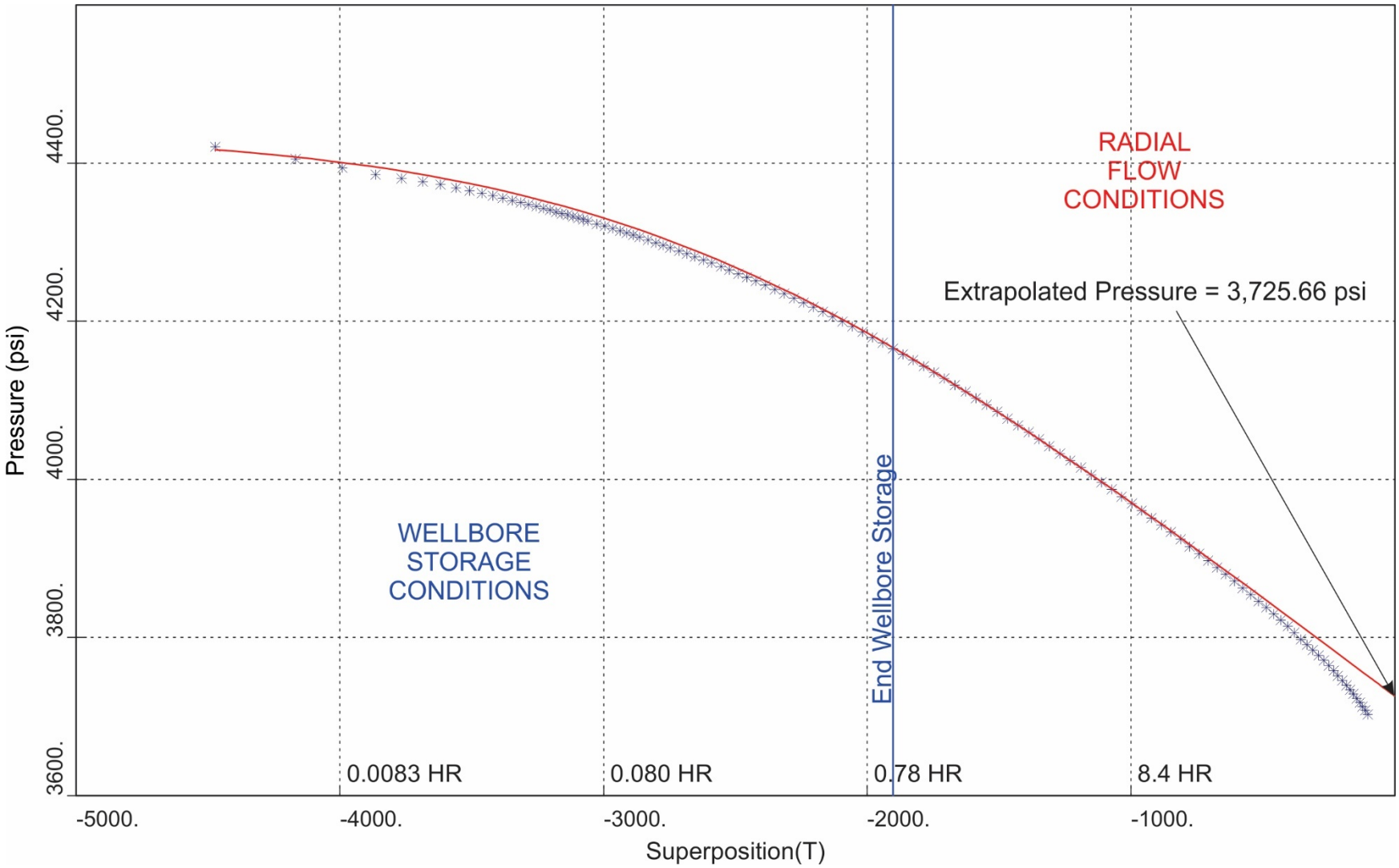


Figure 8 – Superposition Plot

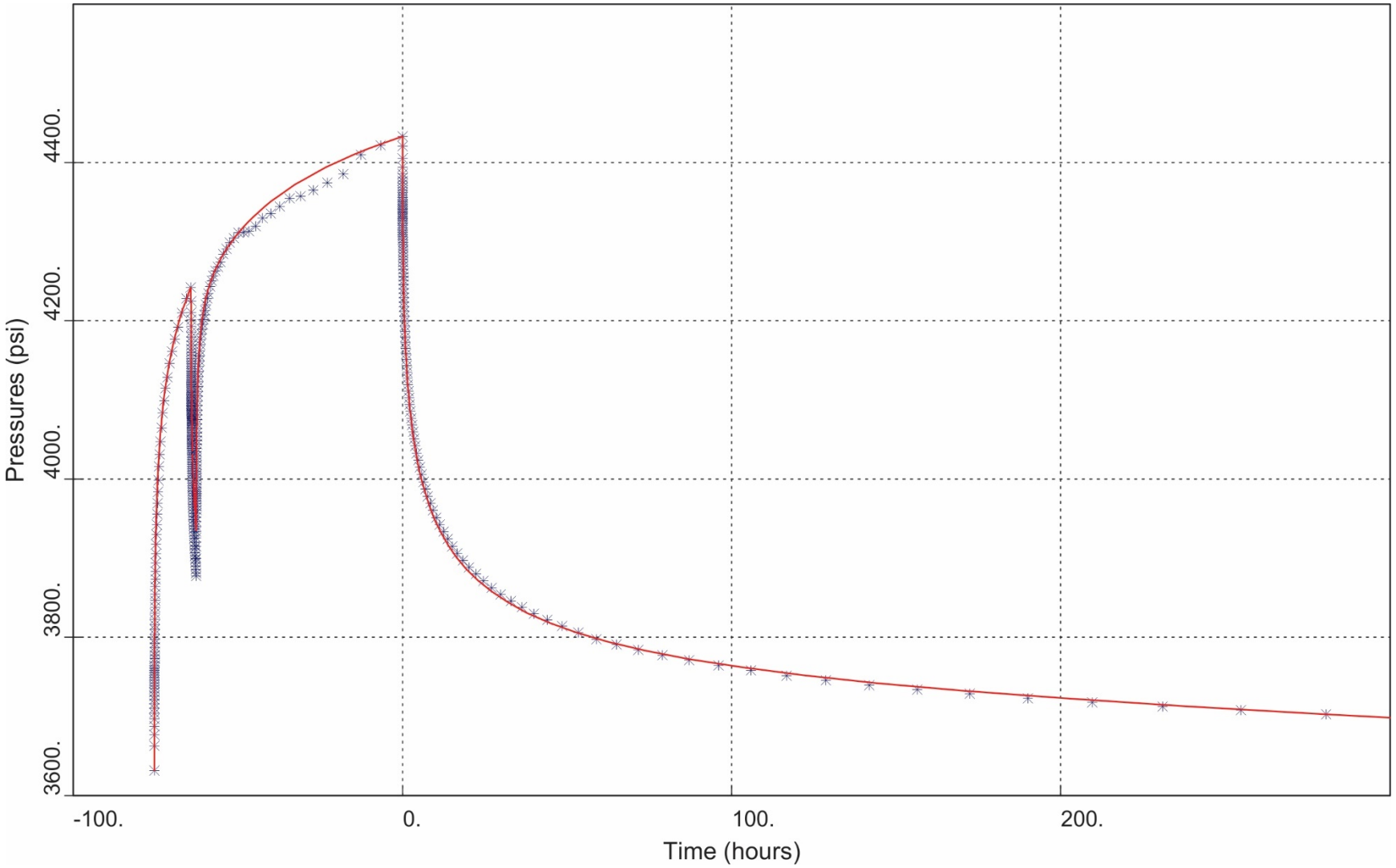


Figure 9 - Pressure Plot

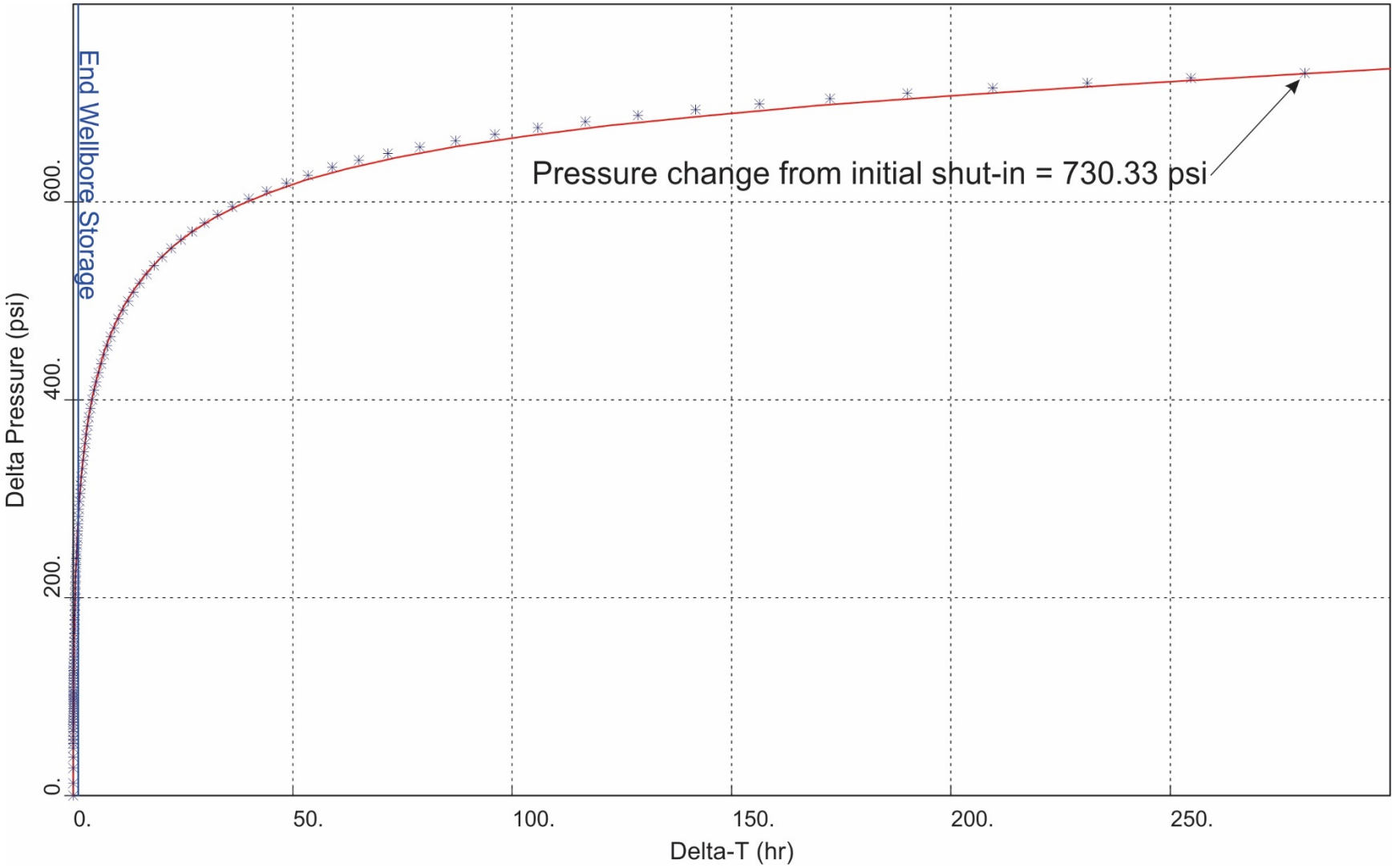


Figure 10 - Cartesian Plot

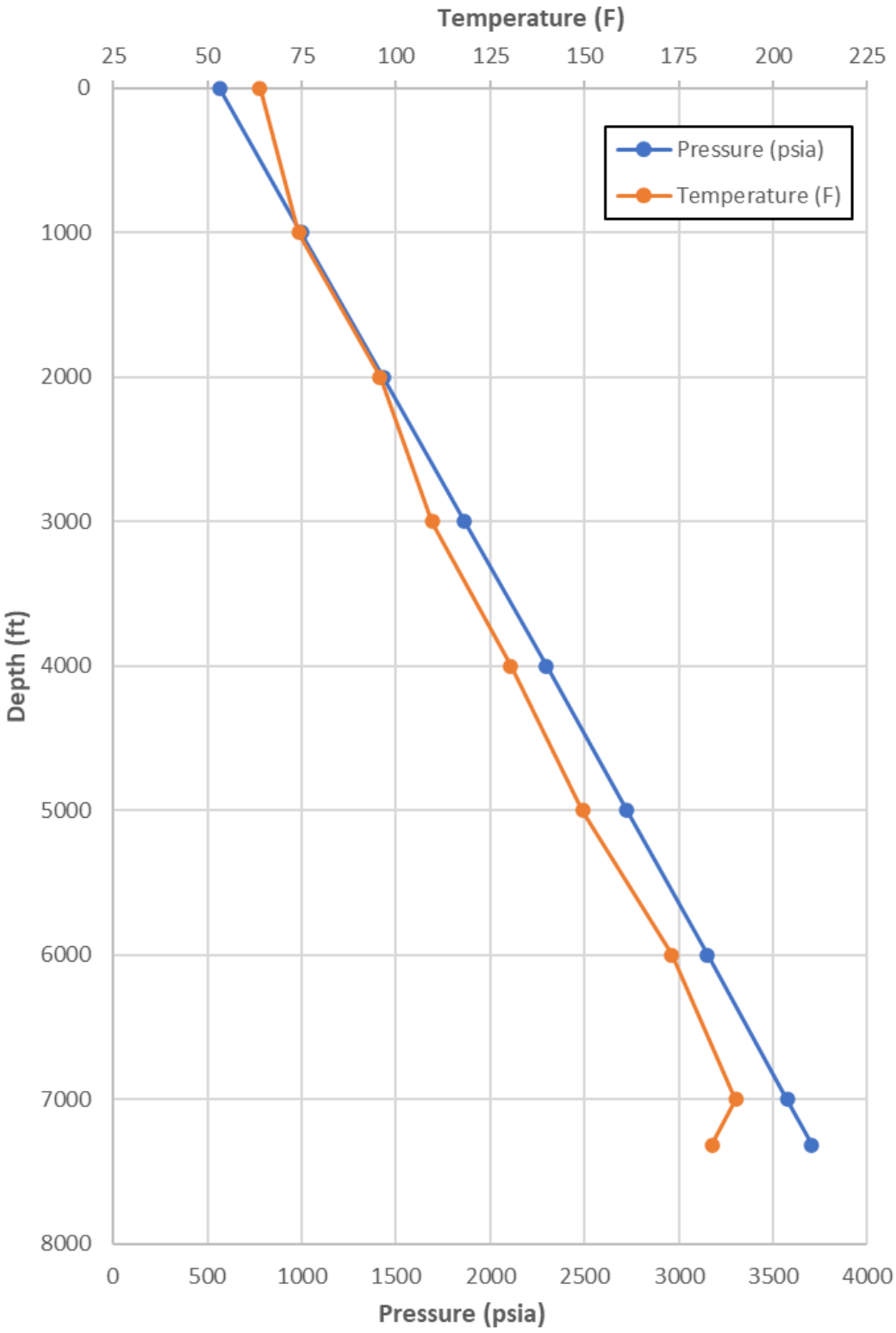


Figure 11 - Static Pressure Gradient Survey

APPENDIX B. TEST FIELD REPORT

TEST FIELD REPORT						
Operator: Western Refining	Strata Test Supervisor		Brandon Schulte			
Waste Disposal Well No. 2	Strata Project No.		MPC.FNM.22.01		API No.	30-045-35747
NOTE	TIME	TUBING PRESSURE	CASING PRESSURE	INTER. PRESSURE	BHF PRESSURE	INJECTION RATE
	24-HR	psig	psig	psig	psig	gpm
9/5/2023						
Arrive at site, safety orientation, get work permit	6:00					
Arrive at well, take initial readings	7:45	560.0				0.0
- Top WL connection under cap is 4" LTC						
Conduct annulus pressure pretest	8:15					
NM OCD John Durham arrives	9:00					
- Tubing hanger 1.5' from GL						
- KB to GL = 13'						
Start BHF Test - Initial Reading	9:00	550.0	0.0	311.0	54.0	0.0
Open BHF Valve - Gas, Quick Bleed-off	9:02	550.0	0.0	311.0	0.0	0.0
BHF Test - 5 Minute Reading	9:07	550.0	0.0	312.0	0.0	0.0
BHF Test - 10 Minute Reading	9:12	550.0	0.0	311.0	0.0	0.0
BHF Test - 15 Minute Reading	9:17	550.0	0.0	311.0	0.0	0.0
Open Intermediate Casing Valve - Gas, <1 minute, then	9:20		0.0	0.0	0.0	0.0
Intermediate Test - 5 Minute Reading	9:30		0.0	1.0	0.0	0.0
Intermediate Test - 10 Minute Reading	9:35		0.0	0.0	0.0	0.0
Intermediate Test - 15 Minute Reading	9:40	484.0	0.0	0.0	0.0	0.0
Annulus Pressure Test	9:47		0.0			
- Pressure annulus to 560 psi			560.0			
Conclude Annulus Pressure Test, Bleed pressure to 0	10:21		0.0			
RD Well Check, RU Expert Downhole	10:30					
Start in hole w/ impression block to tag TD	11:00					
Tag TD @ 7403' RKB (7395' slickline mesurement)	11:45					
Change to PT tool, start tool	12:00					
Stop gauge at 7312' KB (7299' slickline measurement)	12:26					
Start injection	12:45	473.0				30-32
Demobilize	13:30					
9/8/2023						
Shut in well	16:07					
9/20/2023						
Arrived at location, sign in	7:30					
NM OCD John Durham on site						
Received permit travel to well location	8:00					
At Well Site, RU for Gauge Extraction	8:30					
Began coming out of well using procedure	8:44					
Completed Gradient stops, tool at surface	9:35	565.0				
Rig down slickline equipment						
Return well to Marathon. All off location	10:30					

APPENDIX C. INJECTION DATA

Western Refining Southwest, LLC

WDW-2

Table 1. Monthly Injected Volumes

Month	Monthly Total (gal)
Oct-22	0
Nov-22	0
Dec-22	156,660
Jan-23	-5
Feb-23	0
Mar-23	82,794
Apr-23	0
May-23	0
Jun-23	53,521
Jul-23	22
Aug-23	0
Sep-23	133,014
Oct - Sept Total	**426,006**

Table 2. Daily Volumes, Month of Falloff Test

Date	Cumulative Vol. (gal.)
8/29/2023	0
8/30/2023	0
8/31/2023	0
9/1/2023	0
9/2/2023	0
9/3/2023	0
9/4/2023	0
9/5/2023	22,163
9/6/2023	41,462
9/7/2023	40,024
9/8/2023	29,346
9/9/2023	0
9/10/2023	0
9/11/2023	0
9/12/2023	0
9/13/2023	0
9/14/2023	0

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

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

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

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

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

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

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

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

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

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

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

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

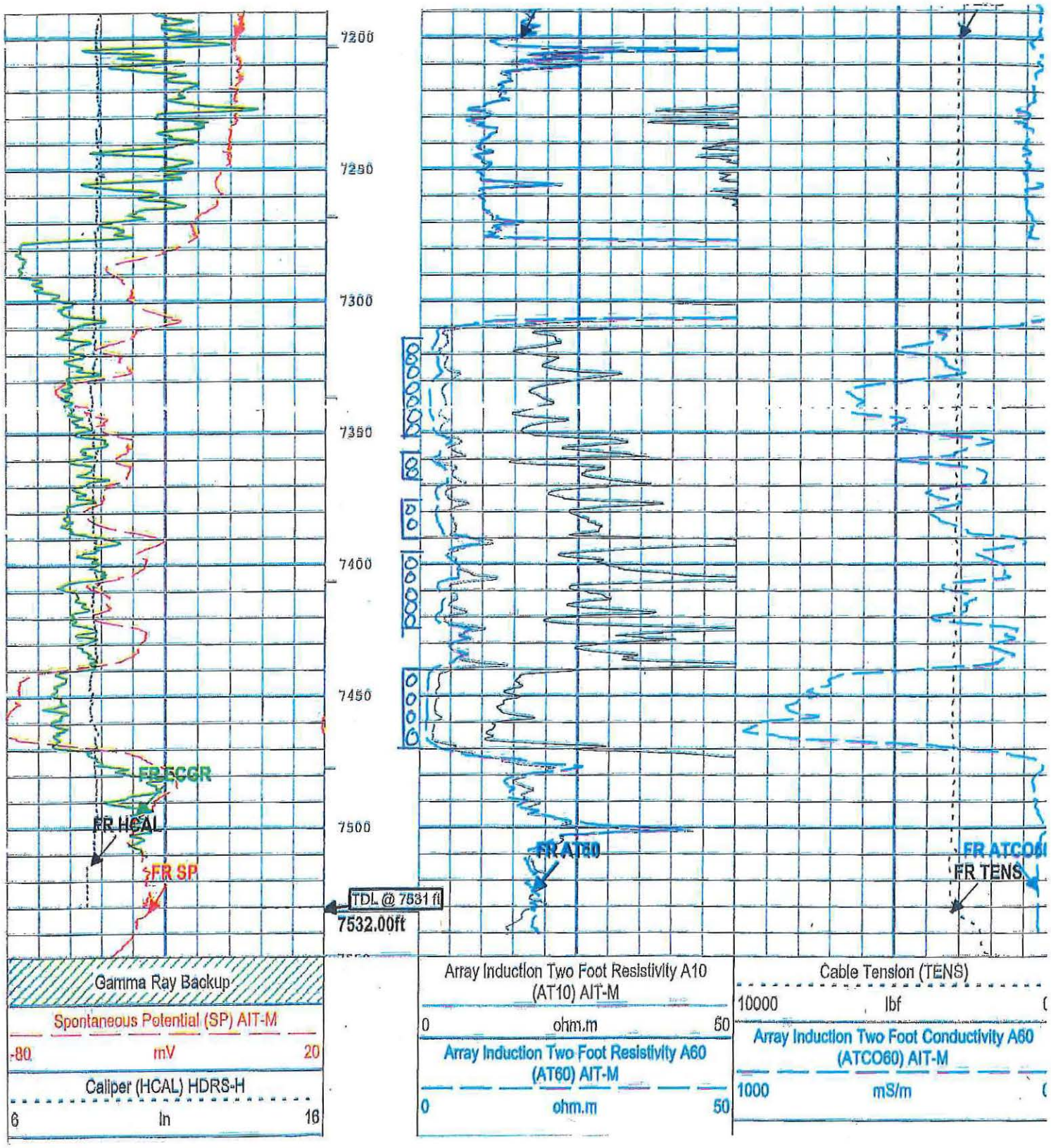
Date	Flow Rate (gpm)	Casing Pressure (psi)	Injection Pressure (psi)	Totalizer (gallons)
9/20/23 4:30		19	546	215940
9/20/23 5:00		19	546	215940
9/20/23 5:30		19	546	215940
9/20/23 6:00		19	546	215940
9/20/23 6:30		19	546	215940
9/20/23 7:00		19	546	215940
9/20/23 7:30		19	546	215940
9/20/23 8:00		19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

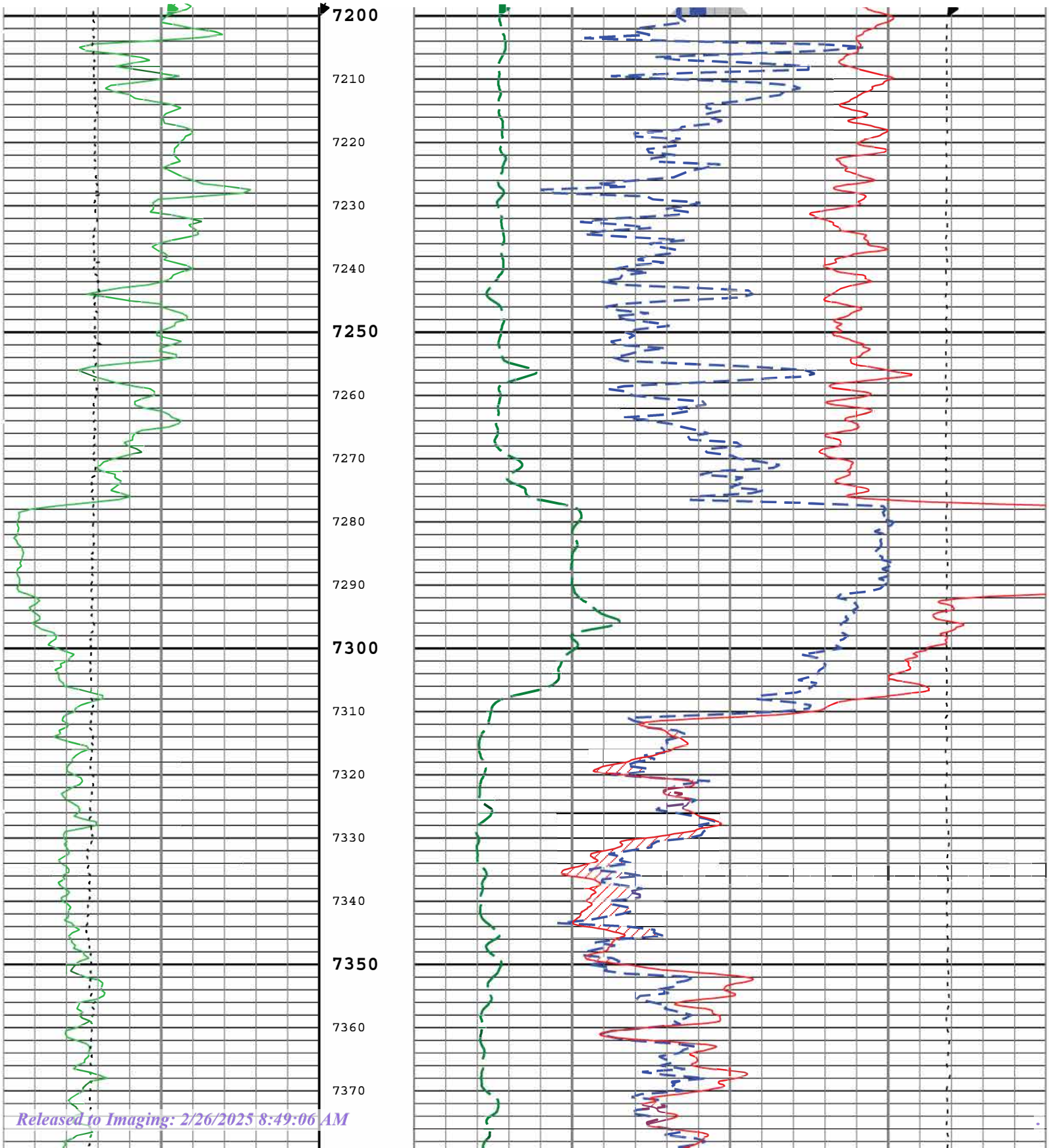
APPENDIX D. COPY OF ELECTRIC LOG

Dual Induction Log Sections from 7200 feet to 7532 feet

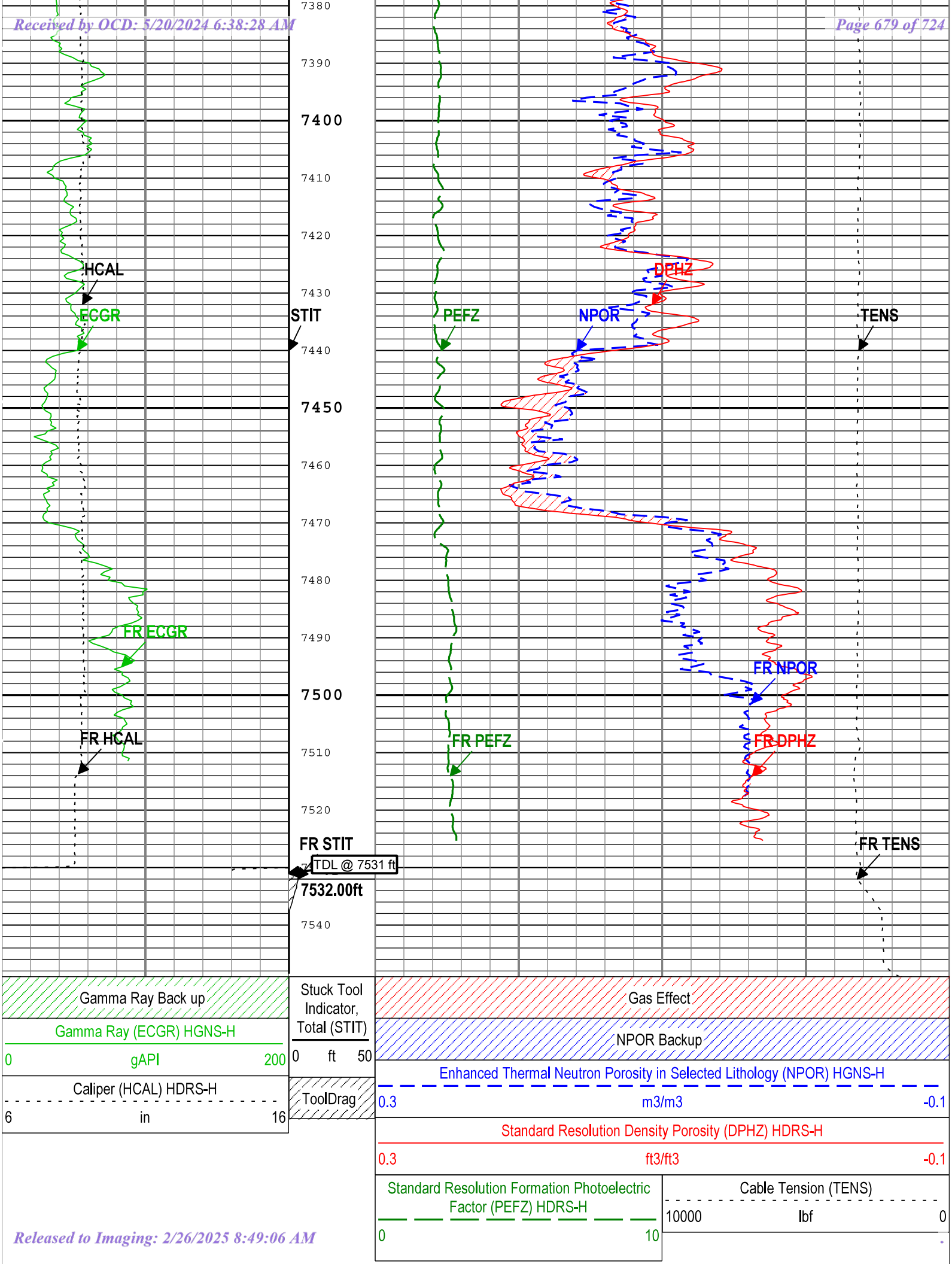
Porosity Log Sections from 7200 feet to 7532 feet

Table 1: A copy of the well log showing the Entrada interval to be tested.




7200
7210
7220
7230
7240
7250
7260
7270
7280
7290
7300
7310
7320
7330
7340
7350
7360
7370

Received by OCD: 5/20/2024 6:38:28 AM



Released to Imaging: 2/26/2025 8:49:06 AM

APPENDIX E. AREA OF REVIEW

Received by OCD: 5/20/2024 6:38:28 AM

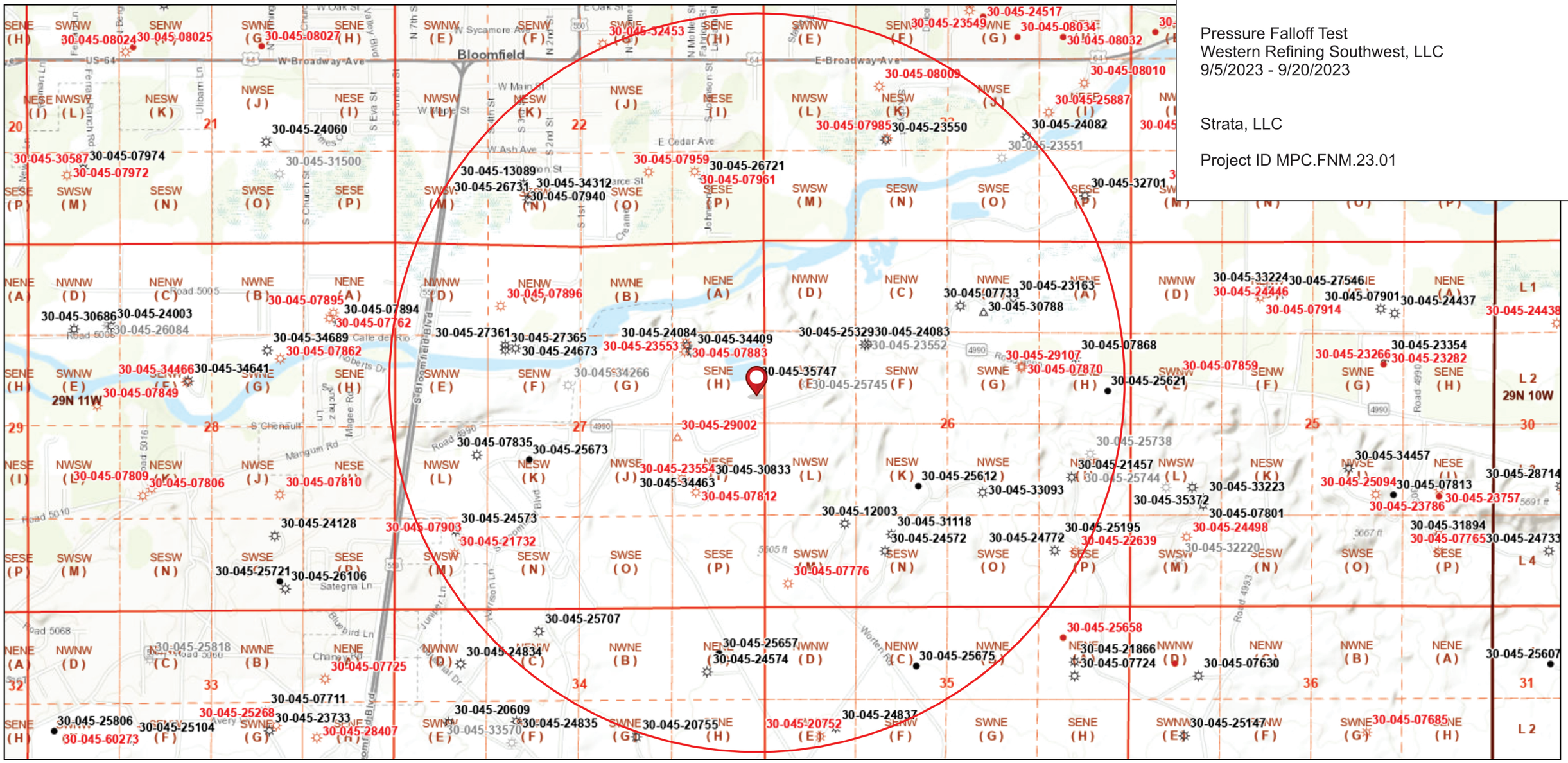
OCD Well Locations

1-MILE AREA OF REVIEW

Pressure Falloff Test
Western Refining Southwest, LLC
9/5/2023 - 9/20/2023

Strata, LLC

Project ID MPC.FNM.23.01



10/14/2022, 3:45:15 PM

Wells - Large Scale

- Gas, Active
- Gas, Cancelled
- Gas, Plugged
- Oil, Active
- Oil, Plugged
- Salt Water Injection, Active
- Salt Water Injection, Plugged
- Water, Plugged
- PLSS Second Division
- PLSS First Division
- PLSS Townships

1:20,876

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., San Juan County, NM, Bureau of Land Management, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, METI/NASA, EPA, USDA, BLM

New Mexico Oil Conservation Division
NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

Released to Imaging: 2/26/2025 8:49:06 AM

ONE-MILE AREA OF REVIEW

Western Refining Southwest LLC Waste Disposal Well No. 2

9/29/2023

Strata, LLC

Project ID. MPC.FNM.23.01

Record No.	API	Well Name	Well Type	Well Status	PLSS Location (ULSTR)	Vertical Depth	Penetrates Inj. Zone	Effective Date	Plug Date	Record Last Edited Date
1	30-045-24573	GARLAND #003	Gas	Active	M-27-29N-11W	2,905	N	8/20/2020		8/20/2020, 2:28 PM
2	30-045-21732	GARLAND B #001R	Gas	Plugged (site released)	M-27-29N-11W	1,810	N	6/1/1975	8/9/2010	3/6/2014, 1:28 PM
3	30-045-07903	PRE-ONGARD WELL #001	Gas	Plugged (site released)	M-27-29N-11W	1,747	N	1/1/1900	7/1/1975	3/6/2014, 1:28 PM
4	30-045-07896	PRE-ONGARD WELL #001	Gas	Plugged (site released)	C-27-29N-11W	0	N	1/1/1900	11/27/1978	3/6/2014, 1:28 PM
5	30-045-25707	SUMMIT #015	Gas	Active	C-34-29N-11W	6,216	N	8/20/2020		8/20/2020, 2:28 PM
6	30-045-07835	MANGUM #001	Gas	Active	L-27-29N-11W	6,350	N	1/6/2017		1/6/2017, 1:08 PM
7	30-045-26731	MARY JANE #001	Gas	Active	N-22-29N-11W	2,845	N	4/8/1986		3/6/2014, 1:28 PM
8	30-045-27361	LAUREN KELLY #001	Gas	Active	F-27-29N-11W	1,500	N	3/29/1994		3/6/2014, 1:28 PM
9	30-045-24673	MANGUM #001E	Gas	Active	F-27-29N-11W	6,240	N	8/4/2017		8/4/2017, 2:51 PM
10	30-045-13089	COOK #002	Gas	Active	N-22-29N-11W	1,440	N	1/1/1900		3/6/2014, 1:28 PM
11	30-045-25673	CONGRESS #018	Oil	Active	K-27-29N-11W	6,150	N	8/1/2017		8/1/2017, 12:30 PM
12	30-045-34312	ROYAL FLUSH #001	Gas	Active	N-22-29N-11W	2,045	N	5/11/2007		3/6/2014, 1:28 PM
13	30-045-27365	MARIAN S #001	Gas	Active	F-27-29N-11W	2,840	N	6/13/1989		3/6/2014, 1:28 PM
14	30-045-07940	COOK #001	Gas	Active	N-22-29N-11W	6,305	N	3/28/1994		3/6/2014, 1:28 PM
15	30-045-34266	MANGUM #001S	Gas	Cancelled	F-27-29N-11W	0	N	12/13/2007		3/6/2014, 1:28 PM
16	30-045-07959	GRACE PEARCE #001	Gas	Plugged (site released)	O-22-29N-11W	1,620	N	1/1/1900	3/2/2000	3/6/2014, 1:28 PM
17	30-045-29002	DISPOSAL #001	Salt Water Disposal	Plugged (site released)	I-27-29N-11W	3,601	N	9/24/1993	10/29/2015	3/30/2017, 3:34 PM
18	30-045-23554	DAVIS GAS COM G #001	Gas	Plugged (site released)	I-27-29N-11W	2,951	N	1/1/1998	11/15/2011	3/6/2014, 1:28 PM
19	30-045-24574	SUMMIT #009	Gas	Active	A-34-29N-11W	2,985	N	8/1/2017		2/19/2018, 4:55 PM
20	30-045-07825	DAVIS GAS COM F #001	Gas	Plugged (site released)	I-27-29N-11W	6,365	N	5/25/1994	1/19/1994	3/6/2014, 1:28 PM
21	30-045-24084	DAVIS GAS COM F #001E	Gas	Active	H-27-29N-11W	6,392	N	7/12/2018		7/12/2018, 4:33 PM
22	30-045-07812	PRE-ONGARD WELL #001	Gas	Plugged (site released)	I-27-29N-11W	1,804	N	1/1/1900	11/3/1982	3/6/2014, 1:28 PM
23	30-045-34463	JACQUE #001	Gas	Active	I-27-29N-11W	1,890	N	10/18/2007		3/6/2014, 1:28 PM
24	30-045-25745	PRE-ONGARD WELL #1	Gas	Cancelled	E-26-29N-11W	0	N	6/9/1983		3/6/2014, 1:28 PM
25	30-045-26721	NANCY HARTMAN #002	Gas	Active	P-22-29N-11W	2,824	N	5/1/1987		3/6/2014, 1:28 PM
26	30-045-23553	PRE-ONGARD WELL #001	Gas	Plugged (site released)	H-27-29N-11W	0	N	5/23/1979	12/31/1901	3/6/2014, 1:28 PM
27	30-045-07961	HARTMAN #001	Gas	Plugged (site released)	P-22-29N-11W	6,310	N	1/1/1900	6/14/1999	3/6/2014, 1:28 PM
28	30-045-30833	DAVIS GAS COM F #001R	Gas	Active	I-27-29N-11W	6,700	N	7/12/2018		7/12/2018, 4:33 PM
29	30-045-35747	WASTE DISPOSAL WELL #002	Salt Water Disposal	Active	H-27-29N-11W	7,525	Y	6/16/2016		3/16/2017, 3:13 PM

ONE-MILE AREA OF REVIEW

Western Refining Southwest LLC Waste Disposal Well No. 2

9/29/2023

Strata, LLC

Project ID. MPC.FNM.23.01

Record No.	API	Well Name	Well Type	Well Status	PLSS Location (ULSTR)	Vertical Depth	Penetrates Inj. Zone	Effective Date	Plug Date	Record Last Edited Date
30	30-045-07776	PRE-ONGARD WELL #001	Gas	Plugged (site released)	M-26-29N-11W	0	N	1/1/1900	12/31/1901	3/6/2014, 1:28 PM
31	30-045-07883	PRE-ONGARD WELL #002	Gas	Plugged (site released)	H-27-29N-11W	0	N	2/4/1953	12/31/1901	3/6/2014, 1:28 PM
32	30-045-34409	JACQUE #002	Gas	Active	H-27-29N-11W	1,897	N	8/29/2007		3/6/2014, 1:28 PM
33	30-045-25657	CONGRESS #016	Oil	Active	A-34-29N-11W	6,200	N	8/1/2017		8/1/2017, 12:30 PM
34	30-045-24572	CONGRESS #009	Gas	Active	N-26-29N-11W	2,960	N	8/20/2020		8/20/2020, 2:28 PM
35	30-045-07985	PEARCE GAS COM #001	Gas	Plugged (site released)	K-23-29N-11W	6,274	N	3/24/1994	3/12/1997	3/6/2014, 1:28 PM
36	30-045-12003	CALVIN #001	Gas	Active	M-26-29N-11W	6,450	N	8/29/2017		8/29/2017, 3:53 PM
37	30-045-24083	SULLIVAN GAS COM D #001E	Gas	Active	F-26-29N-11W	6,329	N	7/12/2018		7/12/2018, 4:33 PM
38	30-045-24837	CONGRESS #004E	Gas	Active	E-35-29N-11W	6,508	N	8/1/2017		8/1/2017, 12:30 PM
39	30-045-25329	DAVIS GAS COM J #001	Gas	Active	F-26-29N-11W	4,331	N	7/1/2008		3/6/2014, 1:28 PM
40	30-045-20752	LEA ANN #001	Gas	Plugged (site released)	E-35-29N-11W	1,900	N	1/1/1900	12/18/1999	3/6/2014, 1:28 PM
41	30-045-25675	CONGRESS #015	Oil	Active	C-35-29N-11W	6,030	N	8/1/2017		8/1/2017, 12:30 PM
42	30-045-08009	PRE-ONGARD WELL #001	Gas	Plugged (site released)	K-23-29N-11W	1,507	N	9/30/1960	8/26/1980	3/6/2014, 1:28 PM
43	30-045-23550	STATE GAS COM BS #001	Gas	Active	K-23-29N-11W	2,954	N	10/14/2005		3/6/2014, 1:28 PM
44	30-045-23552	PRE-ONGARD WELL #1	Gas	Cancelled	F-26-29N-11W	0	N	5/23/1979		3/6/2014, 1:28 PM
45	30-045-25612	CALVIN #003	Oil	Active	K-26-29N-11W	5,970	N	8/1/2017		8/1/2017, 12:34 PM
46	30-045-23551	PRE-ONGARD WELL #1	Gas	Cancelled	O-23-29N-11W	0	N	5/23/1979		3/6/2014, 1:28 PM
47	30-045-07733	SULLIVAN GAS COM D #001	Gas	Active	B-26-29N-11W	6,260	N	7/12/2018		7/12/2018, 4:33 PM
48	30-045-30788	ASHCROFT SWD #001	Salt Water Disposal	Active	B-26-29N-11W	7,512	Y	7/12/2018		7/12/2018, 4:33 PM
49	30-045-31118	CALVIN #100	Gas	Active	N-26-29N-11W	1,970	N	8/29/2017		8/29/2017, 3:53 PM
50	30-045-24082	PEARCE GAS COM #001E	Gas	Active	J-23-29N-11W	6,365	N	7/12/2018		5/8/2019, 3:17 PM
51	30-045-24772	CALVIN #001E	Gas	Active	P-26-29N-11W	6,500	N	8/14/2017		2/22/2019, 10:48 AM
52	30-045-25738	PRE-ONGARD WELL #23	Gas	Cancelled	I-26-29N-11W	0	N	6/3/1983		3/6/2014, 1:28 PM
53	30-045-23163	EARL B SULLIVAN #001	Gas	Active	B-26-29N-11W	2,861	N	7/12/2018		7/12/2018, 4:33 PM
54	30-045-29107	PRE-ONGARD WELL #001X	Gas	Plugged (site released)	G-26-29N-11W	0	N	1/1/1900	7/28/1955	3/6/2014, 1:28 PM
55	30-045-07868	SULLIVAN #002	Gas	Active	H-26-29N-11W	1,478	N	9/7/1994		3/6/2014, 1:28 PM
56	30-045-33093	CALVIN #001F	Gas	Active	J-26-29N-11W	6,525	N	8/14/2017		8/14/2017, 12:04 PM
57	30-045-21457	DELO #010	Gas	Active	I-26-29N-11W	2,900	N	8/20/2020		8/20/2020, 2:28 PM
58	30-045-25195	CALVIN #002	Oil	Active	P-26-29N-11W	5,950	N	8/1/2017		8/1/2017, 12:30 PM

ONE-MILE AREA OF REVIEW

Strata, LLC

Western Refining Southwest LLC Waste Disposal Well No. 2

Project ID. MPC.FNM.23.01

9/29/2023

Record No.	API	Well Name	Well Type	Well Status	PLSS Location (ULSTR)	Vertical Depth	Penetrates Inj. Zone	Effective Date	Plug Date	Record Last Edited Date
59	30-045-22639	DELO #011	Gas	Plugged (site released)	P-26-29N-11W	1,945	N	11/1/1981	7/30/2010	3/6/2014, 1:28 PM
60	30-045-25621	EARL B SULLIVAN #002	Oil	Active	H-26-29N-11W	5,751	N	7/1/2008		3/6/2014, 1:28 PM
61	30-045-07870	PRE-ONGARD WELL #00X	Gas	Plugged (site released)	G-26-29N-11W	1,442	N	1/1/1900	7/1/1953	3/6/2014, 1:28 PM

APPENDIX F. INJECTION AND FORMATION FLUID ANALYSIS

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 11, 2023

Gary Russell

Western Refining Southwest, Inc.
#50 CR 4990
Bloomfield, NM 87413
TEL: (505) 632-4135
FAX:

RE: Injection Well September 2023 OrderNo.: 2309266

Dear Gary Russell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/7/2023 for the analyses presented in the following report.

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

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

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

Sincerely,



Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2309266**
Date Reported: **10/11/2023**

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well September 2023 **Collection Date:** 9/6/2023 8:30:00 AM
Lab ID: 2309266-001 **Matrix:** AQUEOUS **Received Date:** 9/7/2023 6:10:00 AM

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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309266**
Date Reported: **10/11/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well September 2023 **Collection Date:** 9/6/2023 8:30:00 AM
Lab ID: 2309266-001 **Matrix:** AQUEOUS **Received Date:** 9/7/2023 6:10:00 AM

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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2309266**
Date Reported: **10/11/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Western Refining Southwest, Inc. **Client Sample ID:** Injection Well
Project: Injection Well September 2023 **Collection Date:** 9/6/2023 8:30:00 AM
Lab ID: 2309266-001 **Matrix:** AQUEOUS **Received Date:** 9/7/2023 6:10:00 AM

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

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Pace Analytical®

ANALYTICAL REPORT

September 15, 2023

Hall Environmental Analysis Laboratory

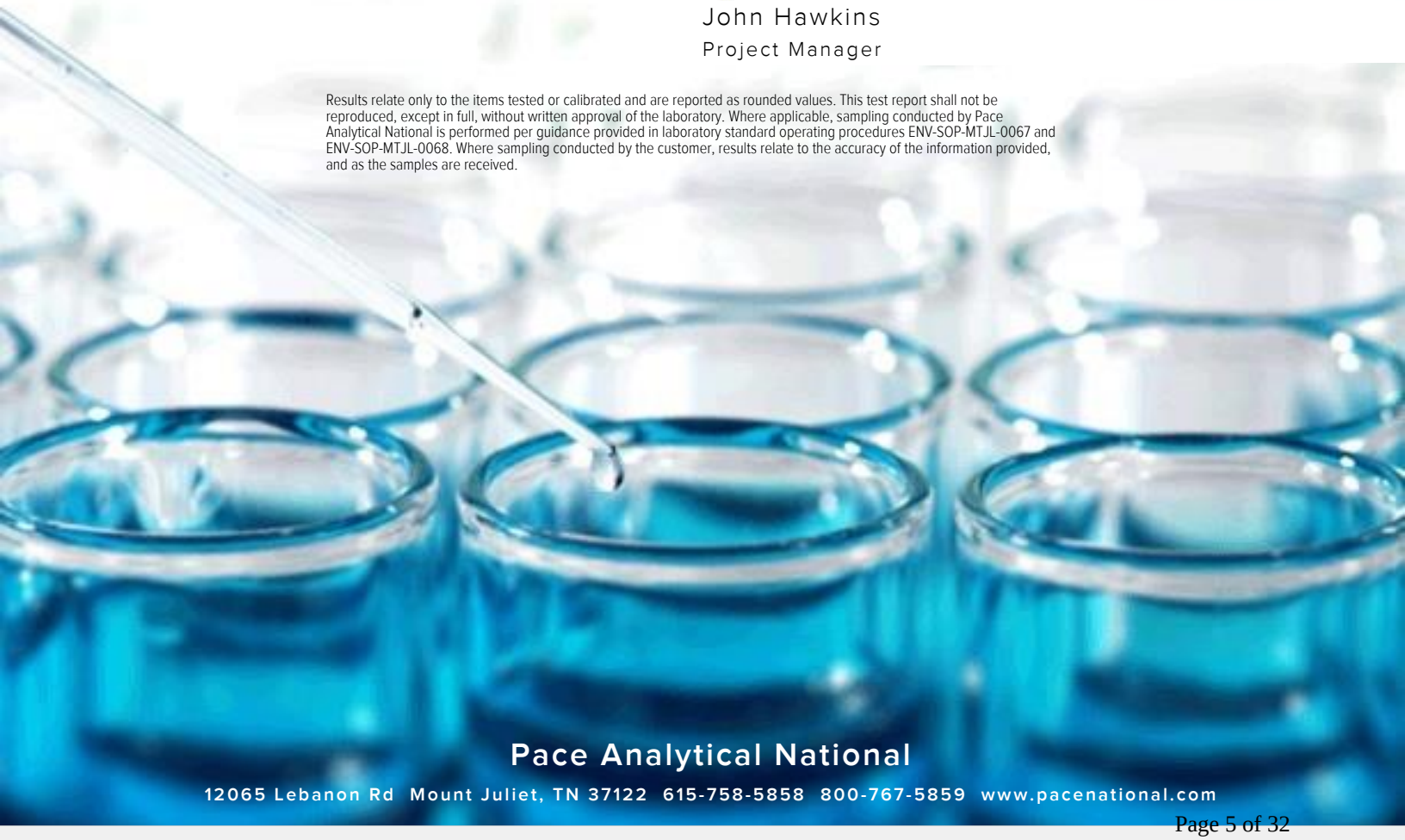
Sample Delivery Group:	L1654073
Samples Received:	09/08/2023
Project Number:	
Description:	

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

Entire Report Reviewed By: John V Hawkins

John Hawkins
Project Manager

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



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

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SAMPLE SUMMARY

2309266-001F INJECTION WELL L1654073-01 GW

	Collected by	Collected date/time	Received date/time
		09/06/23 08:30	09/08/23 09:00

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

Released to Imaging: 2/26/2025 8:49:06 AM

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.

Released to Imaging: 2/26/2025 8:49:06 AM

Wet Chemistry by Method 2580

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

Wet Chemistry by Method 4500 CN E-2016

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

Wet Chemistry by Method 4500 S2 D-2011

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

Wet Chemistry by Method 9040C

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

Sample Narrative:

L1654073-01 WG2132517: 8.4 at 20.3C

Wet Chemistry by Method D93/1010A

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Method Blank (MB)

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

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

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

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

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

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

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

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

Laboratory Control Sample (LCS)

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

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

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

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

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

Method Blank (MB)

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

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

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

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

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

Laboratory Control Sample (LCS)

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

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

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

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

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.40	8.40	1	0.000		1

Sample Narrative:

OS: 8.4 at 20.3C

DUP: 8.4 at 20.3C

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

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

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	7.39	7.35	1	0.543		1

Sample Narrative:

OS: 7.39 at 20.4C

DUP: 7.35 at 20.2C

Laboratory Control Sample (LCS)

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

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

Sample Narrative:

LCS: 10.01 at 19.7C

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

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

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

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	125	125	99.0	99.0	96.0-104			0.000	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.

Released to Imaging: 2/26/2025 8:49:06 AM

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	LAO000356
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.

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Received by OCD: 5/20/2024 6:38:28 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

A230

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

SUB CONTRATOR: 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			

L1654073

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	2309266-001F	Injection Well	500HDPE	Aqueous	9/6/2023 8:30:00 AM	4	RCI, ORP

-01

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres. Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RA Screen <0.5 mR/hr:	Y N	.8+0=.8	

SPECIAL INSTRUCTIONS / COMMENTS:

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

	Date	Time		Date	Time
Relinquished By:	9/7/2023	9:42 AM	Received By: Alexa Mitchell	9/8/23	0900
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:

Released to Imaging: 2/26/2025 8:49:06 AM

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R99537**	RunNo: **99537**
Prep Date:	Analysis Date: **9/7/2023**	SeqNo: **3634826** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P)	ND	0.50								
Sulfate	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R99537**	RunNo: **99537**
Prep Date:	Analysis Date: **9/7/2023**	SeqNo: **3634827** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.48	0.10	0.5000	0	95.4	90	110			
Nitrogen, Nitrite (As N)	0.94	0.10	1.000	0	93.8	90	110			
Bromide	2.3	0.10	2.500	0	93.9	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	96.9	90	110			
Phosphorus, Orthophosphate (As P)	4.6	0.50	5.000	0	91.5	90	110			
Sulfate	9.3	0.50	10.00	0	92.9	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R99939**	RunNo: **99939**
Prep Date:	Analysis Date: **9/22/2023**	SeqNo: **3654963** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R99939**	RunNo: **99939**
Prep Date:	Analysis Date: **9/22/2023**	SeqNo: **3654964** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.5	0.50	5.000	0	90.2	90	110			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R99939**	RunNo: **99939**
Prep Date:	Analysis Date: **9/22/2023**	SeqNo: **3654993** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

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

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								

Sample ID: **MSLCSLL-77490**	SampType: **LCSLL**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **BatchQC**	Batch ID: **77490**	RunNo: **99728**
Prep Date: **9/13/2023**	Analysis Date: **9/15/2023**	SeqNo: **3644698** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.0012	0.0010	0.001000	0	125	70	130			
Lead	0.0010	0.0010	0.001000	0	104	70	130			

Sample ID: **MSLCS-77490**	SampType: **LCS**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **LCSW**	Batch ID: **77490**	RunNo: **99728**
Prep Date: **9/13/2023**	Analysis Date: **9/15/2023**	SeqNo: **3644699** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.048	0.0010	0.05000	0	96.5	80	120			
Lead	0.049	0.0010	0.05000	0	98.6	80	120			

Sample ID: **2309266-001EMSLL**	SampType: **MS**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **Injection Well**	Batch ID: **77490**	RunNo: **100058**
Prep Date: **9/13/2023**	Analysis Date: **9/27/2023**	SeqNo: **3661357** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.052	0.0010	0.05000	0.002237	99.0	75	125			
Selenium	0.051	0.0010	0.05000	0.001125	100	75	125			

Sample ID: **2309266-001EMSDL**	SampType: **MSD**	TestCode: **EPA Method 6020A: Total Metals**
Client ID: **Injection Well**	Batch ID: **77490**	RunNo: **100058**
Prep Date: **9/13/2023**	Analysis Date: **9/27/2023**	SeqNo: **3661359** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.054	0.0010	0.05000	0.002237	103	75	125	3.96	20	
Selenium	0.052	0.0010	0.05000	0.001125	102	75	125	1.13	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77472**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651160** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.2		2.500		86.4	38.2	130			
Surr: Tetrachloro-m-xylene	1.6		2.500		62.8	24.5	130			

Sample ID: **LCS-77472**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651161** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		91.3	38.2	130			
Surr: Tetrachloro-m-xylene	1.6		2.500		63.7	24.5	130			

Sample ID: **LCSD-77472**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651162** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.2		2.500		86.8	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		64.3	24.5	130	0	20	

Sample ID: **MB-77472**	SampType: **MBLK**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651610** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	ND	2.0								
Surr: Decachlorobiphenyl	2.2		2.500		86.2	38.2	130			
Surr: Tetrachloro-m-xylene	1.5		2.500		60.4	24.5	130			

Sample ID: **LCS-77472**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651611** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.3		2.500		91.9	38.2	130			
Surr: Tetrachloro-m-xylene	1.5		2.500		61.6	24.5	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **LCSD-77472**	SampType: **LCSD**	TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSS02**	Batch ID: **77472**	RunNo: **99870**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3651612** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	2.2		2.500		87.5	38.2	130	0	20	
Surr: Tetrachloro-m-xylene	1.6		2.500		62.2	24.5	130	0	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **TCLP Volatiles by 8260B**
Client ID: **LCSW**	Batch ID: **TW99685**	RunNo: **99685**
Prep Date:	Analysis Date: **9/13/2023**	SeqNo: **3642412** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.022	0.010	0.02000	0	110	70	130			
1,1-Dichloroethene	0.024	0.010	0.02000	0	118	70	130			
Trichloroethene (TCE)	0.020	0.010	0.02000	0	101	70	130			
Chlorobenzene	0.019	0.010	0.02000	0	96.9	70	130			
Surr: 1,2-Dichloroethane-d4	0.010		0.01000		103	70	130			
Surr: 4-Bromofluorobenzene	0.0091		0.01000		91.3	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		105	70	130			
Surr: Toluene-d8	0.010		0.01000		102	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **TCLP Volatiles by 8260B**
Client ID: **PBW**	Batch ID: **TW99685**	RunNo: **99685**
Prep Date:	Analysis Date: **9/13/2023**	SeqNo: **3642414** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.50								
1,2-Dichloroethane (EDC)	ND	0.50								
2-Butanone	ND	200								
Carbon Tetrachloride	ND	0.50								
Chloroform	ND	6.0								
1,4-Dichlorobenzene	ND	7.5								
1,1-Dichloroethene	ND	0.70								
Tetrachloroethene (PCE)	ND	0.70								
Trichloroethene (TCE)	ND	0.50								
Vinyl chloride	ND	0.20								
Chlorobenzene	ND	100								
Surr: 1,2-Dichloroethane-d4	0.0097		0.01000		97.3	70	130			
Surr: 4-Bromofluorobenzene	0.0094		0.01000		94.0	70	130			
Surr: Dibromofluoromethane	0.010		0.01000		101	70	130			
Surr: Toluene-d8	0.0093		0.01000		93.3	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**
11-Oct-23

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

Sample ID: **lcs-77473** SampType: **LCS** TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSW** Batch ID: **77473** RunNo: **99819**
Prep Date: **9/13/2023** Analysis Date: **9/19/2023** SeqNo: **3649198** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.073	0.00010	0.1000	0	72.7	26.8	92.9			
3+4-Methylphenol	0.14	0.00010	0.2000	0	71.6	23.7	100			
2,4-Dinitrotoluene	0.060	0.00010	0.1000	0	60.3	22.3	71.2			
Hexachlorobenzene	0.079	0.00010	0.1000	0	78.6	26.1	91.6			
Hexachlorobutadiene	0.043	0.00010	0.1000	0	43.1	15	74.2			
Hexachloroethane	0.042	0.00010	0.1000	0	42.0	15	85.4			
Nitrobenzene	0.069	0.00010	0.1000	0	69.2	26.1	89.6			
Pentachlorophenol	0.058	0.00010	0.1000	0	57.8	21.7	89.4			
Pyridine	0.045	0.00010	0.1000	0	45.1	15	68.4			
2,4,5-Trichlorophenol	0.079	0.00010	0.1000	0	79.0	27	97.9			
2,4,6-Trichlorophenol	0.075	0.00010	0.1000	0	75.1	27.9	92.6			
Cresols, Total	0.22	0.00010	0.3000	0	72.0	24.8	97.7			
Surr: 2-Fluorophenol	0.12		0.2000		62.0	20.8	71.9			
Surr: Phenol-d5	0.094		0.2000		46.9	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		86.4	18.8	117			
Surr: Nitrobenzene-d5	0.075		0.1000		74.5	33	85.9			
Surr: 2-Fluorobiphenyl	0.066		0.1000		66.0	26.3	79.6			
Surr: 4-Terphenyl-d14	0.090		0.1000		89.6	53.9	124			

Sample ID: **lcsd-77473** SampType: **LCSD** TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSS02** Batch ID: **77473** RunNo: **99819**
Prep Date: **9/13/2023** Analysis Date: **9/20/2023** SeqNo: **3649199** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	0.081	0.00010	0.1000	0	81.3	26.8	92.9	11.1	20	
3+4-Methylphenol	0.17	0.00010	0.2000	0	85.9	23.7	100	18.2	20	
2,4-Dinitrotoluene	0.067	0.00010	0.1000	0	67.3	22.3	71.2	11.1	20	
Hexachlorobenzene	0.080	0.00010	0.1000	0	79.8	26.1	91.6	1.50	20	
Hexachlorobutadiene	0.046	0.00010	0.1000	0	46.2	15	74.2	6.93	20	
Hexachloroethane	0.048	0.00010	0.1000	0	48.5	15	85.4	14.4	20	
Nitrobenzene	0.075	0.00010	0.1000	0	75.0	26.1	89.6	8.07	20	
Pentachlorophenol	0.058	0.00010	0.1000	0	57.8	21.7	89.4	0.0224	20	
Pyridine	0.052	0.00010	0.1000	0	51.8	15	68.4	13.9	20	
2,4,5-Trichlorophenol	0.087	0.00010	0.1000	0	86.9	27	97.9	9.54	20	
2,4,6-Trichlorophenol	0.087	0.00010	0.1000	0	87.1	27.9	92.6	14.9	20	
Cresols, Total	0.25	0.00010	0.3000	0	84.4	24.8	97.7	15.9	20	
Surr: 2-Fluorophenol	0.13		0.2000		67.3	20.8	71.9	0	20	
Surr: Phenol-d5	0.10		0.2000		51.3	16.2	54.5	0	20	
Surr: 2,4,6-Tribromophenol	0.17		0.2000		86.7	18.8	117	0	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **lcsd-77473**	SampType: **LCSD**	TestCode: **EPA Method 8270C TCLP**
Client ID: **LCSS02**	Batch ID: **77473**	RunNo: **99819**
Prep Date: **9/13/2023**	Analysis Date: **9/20/2023**	SeqNo: **3649199** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.075		0.1000		75.3	33	85.9	0	20	
Surr: 2-Fluorobiphenyl	0.067		0.1000		67.1	26.3	79.6	0	20	
Surr: 4-Terphenyl-d14	0.089		0.1000		89.2	53.9	124	0	20	

Sample ID: **mb-77473**	SampType: **MBLK**	TestCode: **EPA Method 8270C TCLP**
Client ID: **PBW**	Batch ID: **77473**	RunNo: **99819**
Prep Date: **9/13/2023**	Analysis Date: **9/19/2023**	SeqNo: **3649200** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Methylphenol	ND	200								
3+4-Methylphenol	ND	200								
2,4-Dinitrotoluene	ND	0.13								
Hexachlorobenzene	ND	0.13								
Hexachlorobutadiene	ND	0.50								
Hexachloroethane	ND	3.0								
Nitrobenzene	ND	2.0								
Pentachlorophenol	ND	100								
Pyridine	ND	5.0								
2,4,5-Trichlorophenol	ND	400								
2,4,6-Trichlorophenol	ND	2.0								
Cresols, Total	ND	200								
Surr: 2-Fluorophenol	0.13		0.2000		67.1	20.8	71.9			
Surr: Phenol-d5	0.10		0.2000		51.2	16.2	54.5			
Surr: 2,4,6-Tribromophenol	0.17		0.2000		84.7	18.8	117			
Surr: Nitrobenzene-d5	0.073		0.1000		72.8	33	85.9			
Surr: 2-Fluorobiphenyl	0.066		0.1000		65.9	26.3	79.6			
Surr: 4-Terphenyl-d14	0.093		0.1000		93.1	53.9	124			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **LCS-1 98.7uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640094** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	98.70	0	102	85	115			

Sample ID: **LCS-2 98.7uS eC**	SampType: **LCS**	TestCode: **SM2510B: Specific Conductance**
Client ID: **LCSW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640120** Units: **µmhos/cm**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Conductivity	100	10	98.70	0	102	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77360**	SampType: **MBLK**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **PBW**	Batch ID: **77360**	RunNo: **99561**
Prep Date: **9/7/2023**	Analysis Date: **9/8/2023**	SeqNo: **3635715** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID: **LCSLL-77360**	SampType: **LCSLL**	TestCode: **EPA Method 7470A: Mercury**
Client ID: **BatchQC**	Batch ID: **77360**	RunNo: **99561**
Prep Date: **9/7/2023**	Analysis Date: **9/8/2023**	SeqNo: **3635716** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020	0.0001500	0	80.4	50	150			

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

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	97.4	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

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

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	ND	1.0								
Magnesium	ND	1.0								
Potassium	ND	1.0								
Sodium	ND	1.0								

Sample ID: **LCS-A**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **A99625**	RunNo: **99625**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3639114** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	50	1.0	50.00	0	99.5	80	120			
Magnesium	50	1.0	50.00	0	99.8	80	120			
Potassium	49	1.0	50.00	0	97.3	80	120			
Sodium	48	1.0	50.00	0	96.2	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77490**	SampType: **MBLK**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **PBW**	Batch ID: **77490**	RunNo: **99814**
Prep Date: **9/13/2023**	Analysis Date: **9/19/2023**	SeqNo: **3648875** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Silver	ND	0.0050								

Sample ID: **LCS-77490**	SampType: **LCS**	TestCode: **EPA 6010B: Total Recoverable Metals**
Client ID: **LCSW**	Batch ID: **77490**	RunNo: **99814**
Prep Date: **9/13/2023**	Analysis Date: **9/19/2023**	SeqNo: **3648877** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.50	0.0020	0.5000	0	101	80	120			
Cadmium	0.51	0.0020	0.5000	0	101	80	120			
Chromium	0.51	0.0060	0.5000	0	102	80	120			
Silver	0.10	0.0050	0.1000	0	100	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-1 Alk**	SampType: **MBLK**	TestCode: **SM2320B: Alkalinity**
Client ID: **PBW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640045** Units: **mg/L CaCO3**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	ND	20.00								

Sample ID: **LCS-1 Alk**	SampType: **LCS**	TestCode: **SM2320B: Alkalinity**
Client ID: **LCSW**	Batch ID: **R99643**	RunNo: **99643**
Prep Date:	Analysis Date: **9/12/2023**	SeqNo: **3640046** Units: **mg/L CaCO3**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Alkalinity (as CaCO3)	78.80	20.00	80.00	0	98.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2309266**

11-Oct-23

Client: Western Refining Southwest, Inc.

Project: Injection Well September 2023

Sample ID: **MB-77445**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **77445**	RunNo: **99676**
Prep Date: **9/12/2023**	Analysis Date: **9/14/2023**	SeqNo: **3643132** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	50.0								

Sample ID: **LCS-77445**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **77445**	RunNo: **99676**
Prep Date: **9/12/2023**	Analysis Date: **9/14/2023**	SeqNo: **3643133** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1030	50.0	1000	0	103	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative 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

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

Sample Log-In Check List

Client Name: Western Refining Southwest, Inc. Work Order Number: 2309266 RcptNo: 1

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

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

Reviewed By: ~~9-7-23~~ 9-7-23 9-7-23

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° 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 ☐	# of preserved bottles checked for pH: 2 (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted? YES
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 ☐	Checked by: SCM 9/7/23

HNO3

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

From original unpreserved volume provided in 1 Liter glass amber, ~500mL were oured off into 500mL HDPE for 001C, and ~125mL were poured off and filtered for sample 001D. (Filter Lot# 17246106). Proceeded to add ~0.40mL of HNO3 (Chem#7115) to sample 001D for proper pH- SCM 9/7/23

17. **Cooler Information**

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

Received by OCD: 5/20/2024 6:38:28 AM

Released to Imaging: 2/26/2025 8:49:06 AM

Chain-of-Custody Record

Client: **Western Refining**

Mailing Address: **50 CR 4990**

Bloomfield, NM 87413

Phone #: **678-594-6377**

email or Fax: gfrussell@marathonpetroleum.com

QA/QC Package:
X Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
X Standard ☐ Rush

Project Name: Injection Well September 2023

Project #: PO # 4900110659

Project Manager: Gary Russell

Sampler:

On Ice: ☒ Yes ☐ No 409i

# of Coolers: 1

Cooler Temp(including CF): 4.6-0=4.6c

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2309266	pH, Specific gravity	C/A Balance Dissolved	RCI and ORP	RCRA 8 Metals	Chlordane only by 8081	8260 TCLP list + TEX	8270 TCLP List
9/6/2023	8:30	H_2O	Injection Well	500ml P	none	001	x						
				1 liter P	none			x					
				3-500ml P	1- unpres, 1-NaOH, 1-NaOH/ZnAc				x				
				250ml P	HNO3					x			
				1L Amber G	none						x		
				3-40ml VOAs	HCL							x	
				1L Anmer	none								x

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Via:	Date Time
9/6/23	1524				9/6/23 1524
9/6/23	1752			Courier	9/7/23 6:10

Remarks:
Preserve and filter C/A Balance dissolved in the lab.

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.

APPENDIX G. TOOL CALIBRATION

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

Calibration Certificate

Model :	Badger Tri Tool	**Range :**	3,500.00 psi
Serial Number :	5473	**Last Cal. Date :**	16-June-2023

Specifications

Calibration Pressure Range:		0.00	3,500.00	psi
Calibration Temperature Range:		0.00	125.00	°C
Pressure:	Accuracy	±	0.8400 psi (0.024 %FS)	
	Resolution	±	0.0105 psi (0.0003 %FS)	
Temperature:	Accuracy	±	0.40 °C	
	Resolution	±	0.001 °C	

Calibration Summary

Pressure: Accuracy (maximum error)	0.60	psi
Temperature: Accuracy (maximum error)	0.13	°C

Traceability Statement

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

Calibrated with Cal-Scan DWG # 2

Calibrated by:

Ferris Victoria

ATTACHMENT F

Mechanical Integrity Test

Page 721 of 724

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT
(TA OR UIC)

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

Property Name WESTERN DISPOSAL Well # 2 Location: Unit ___ Sec ___ Twn 24 Rge 11

Land Type:
State ____
Federal ____
Private X
Indian ____

Well Type:
Water Injection ____
Salt Water Disposal X
Gas Injection ____
Producing Oil/Gas ____
Pressure obervation ____

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

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

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

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

By [signature] (Operator Representative)

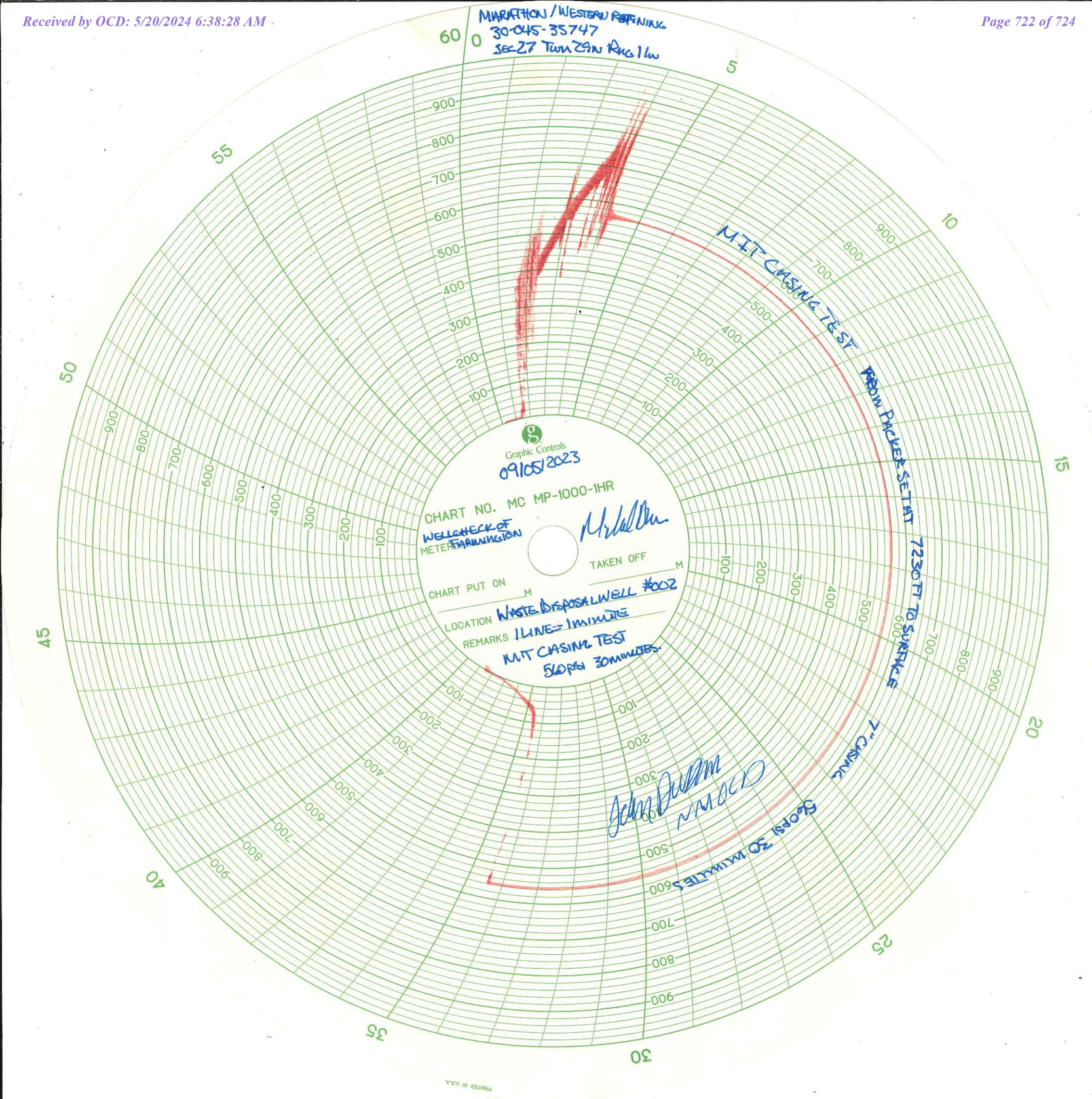
Witness John Durham (NMOCD)

Env Specialist (Position)

Revised 02-11-02

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410
Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us

Received by OCD: 5/20/2024 6:38:28 AM
Released to Imaging: 2/26/2025 8:49:06 AM


MARATHON / WESTERN REFINING
30-045-35747
SEC 27 TWN 29N RNG 11W
Graphic Controls
09/05/2023
CHART NO. MC MP-1000-1HR
WELLCHECK OF FARMINGTON
METER
TAKEN OFF
CHART PUT ON
LOCATION WASTE DISPOSAL WELL #002
REMARKS 1 LINE= 1 MINUTE
M.I.T CASING TEST
560 PSI 30 MINUTES.
M.I.T CASING TEST
FROM PACKER SET AT 7230 FT TO SURFACE
7" CASING
560 PSI 30 MINUTES
NMOCD

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

COMMENTS

Action 345604

COMMENTS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 345604
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

COMMENTS

Created By	Comment	Comment Date
cchavez	Annual Report 2023	2/25/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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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

CONDITIONS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 345604
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

Created By	Condition	Condition Date
cchavez	Conditions of approval: 1. Continued communication on "well pressure up" problem and implications for future Fall-Off Testing (FOT). OCD has stopped FOT until well issue is resolved. 2. Provide gas monitoring plan with next submitted quarterly report to monitor casing head methane gas detected from fluids and gas observed during Bradenhead testing. 3. Environmental QA/QC & DQOs on sampling and lab chain-of-custody must be adhered to, i.e., Chain-of-Custody Forms, correct containers with preservatives in place prior to sampling, cooler temperature 4 deg. Celsius.	2/26/2025